Monthly Index *of* Russian Accessions

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INTRODUCTORY NOTE

The MONTHLY INDEX OF RUSSIAN ACCESSIONS* is a record of the publications in the Russian language issued in and outside the Soviet Union that are currently received by the Library of Congress and a group of cooperating libraries. Whenever possible, publications printed in other languages spoken in the Soviet Union are also included. However, publications in the languages of the U. S. S. R. issued in countries of Eastern Europe are not included, since they are covered by the *East European Accessions Index.*

The MONTHLY INDEX consists of three parts. Part A lists monographic literature, but no accessions published earlier than 1945 are included. To facilitate the use of this INDEX by readers who are not thoroughly familiar with the Russian language, the title in the original language in Part A is preceded by its English translation in brackets.

Part B lists Russian periodicals received, but excludes accessions printed earlier than 1947. Certain Soviet periodicals are being translated into English from cover to cover and published regularly in translation in the United States and other English-speaking countries. A list of such translated periodicals, their publishers, subscription prices, etc., is given at the end of each issue of the *Monthly Index.* In Part B such periodicals are indicated by an asterisk before the periodical title.

Part C provides subject analysis of the monographic titles listed in Part A and of the articles appearing in the periodicals enumerated in the *List of Periodicals Indexed and Abbreviations Used* at the beginning of Part C. The number and letter in parentheses following each abbreviation indicate the class and subclass in which the periodical appears in Part B. For the convenience of readers desiring to examine only monographs or periodical articles, the monographs are printed in slightly heavier type than the periodical articles. The titles of monographs are given both in the original language and in English translation, whereas titles of periodical articles are given in English translation only.

Sample title: Electric action of the brain in glaucoma. L.S.Levina, G.M.Neishtadt. Vest.oft. 30 no.5:8–12 S–O '51.

Explanation: An article with title given above in English translation, written by L. S. Levina and G. M. Neishtadt, will be found in the September–October 1951 issue of *Vestnik oftalmologii*, vol. 30, no. 5, pages 8–12.

A cumulative list of periodicals included in the current volume appears in number 12 of that volume. This list is arranged by subject; the symbols of American libraries other than the Library of Congress, known to have files of such periodicals, follow each title.

Except in Part C, the material is divided into 17 subject classes and is arranged alphabetically within each class. In addition, for the convenience of the reader, the serials listed in Part B are divided within each subject class into several subclasses. All entries are transliterated according to the usual Library of Congress system except that ligatures are omitted. Unless otherwise indicated, all listed items are represented in the collections of the Library of Congress. Symbols representing other libraries indicate when items are available in those libraries. Curves ( ) around a symbol indicate that at the time of receipt the material was available in another library but not in the Library of Congress.

Cumulative author, subject, and periodical location indexes to the first four volumes of the MONTHLY INDEX are available as separate publications. Beginning with Volume 5, an author index to the monographs, and a periodical location index for the entire volume are furnished as appendices to the first two issues of the following volume.

Orders for microfilm or photostat copies of the listed items that are in the collections of the Library of Congress may be placed with the Photoduplication Service, Library of Congress, Washington 25, D. C.

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*Volumes 1–10 (No. 9), 1948–1957, issued under title *Monthly List of Russian Accessions.*

AAP	Auburn University, Auburn, Ala.
AMAU	Air University Library, Maxwell Air Force Base, Montgomery, Ala.
AU	University of Alabama, University
AzU	University of Arizona, Tucson
C	California State Library, Sacramento
CCH	Honnold Library, Claremont, Calif.
CCP	Pomona College, Claremont, Calif.
CFS	Fresno State College, Fresno, Calif.
CL	Los Angeles Public Library
CLCM	Los Angeles County Museum Library, Los Angeles
CLL	Los Angeles County Law Library, Los Angeles
CLSU	University of Southern California, Los Angeles
CLU	University of California at Los Angeles
CPT	California Institute of Technology, Pasadena
CSf	San Francisco Public Library
CSfA	California Academy of Sciences, San Francisco
CSt	Stanford College Libraries, Stanford, Calif.
CSt–H	— The Hoover Institution on War, Revolution, and Peace
CStmoR	Rand Corporation, Santa Monica, Calif.
CU	University of California, Berkeley
CU–A	— University of California, Davis
CU–B	— Bancroft Library, Berkeley
CU–M	— Medical Center, San Francisco
CU–Riv	— College of Arts, Letters and Science, Riverside
CU–S	— Scripps Institution of Oceanography, La Jolla
CaAEU	University of Alberta, Edmonton, Canada
CaBVa	Vancouver Public Library, Vancouver, Canada
CaBVaU	University of British Columbia, Vancouver, Canada
CaBViPA	Provincial Archives, Victoria, Canada
CaMWM	Manitoba Medical College, Winnipeg, Canada
CaOKQ	Queen's University, Kingston, Canada
CaOLU	University of Western Ontario, London, Canada
CaOOG	Geological Survey of Canada, Ottawa, Canada
CaOOGB	Geographical Bureau Library, Ottawa, Canada
CaOON	National Research Council, Ottawa, Canada
CaOOS	Dominion Bureau of Statistics, Ottawa, Canada
CaOOU	University of Ottawa, Ottawa, Canada
CaOTR	Royal Canadian Institute, Toronto. (Collection included with CaOTU)
CaOTU	University of Toronto, Toronto, Canada
CaQMAI	Arctic Institute of North America, Montreal, Canada
CaQMM	McGill University, Montreal, Canada
CaQMMM	— Medical Library
CoBBS	U. S. National Bureau of Standards, Boulder Laboratories, Colorado
CoU	University of Colorado, Boulder
CtHT	Trinity College, Hartford, Conn.
CtW	Wesleyan University, Middletown, Conn.
CtY	Yale University, New Haven
CtY–L	— Law Library
CtY–M	— Medical School Library
DA	U. S. Department of Agriculture Library
DAIA	American Institute of Architects Library, Washington, D. C.
DBC	U. S. Bureau of the Census Library
DBS	U. S. Bureau of Standards Library
DC	U. S. Department of Commerce Library
DCU	Catholic University of America Library, Washington, D. C.
DDC	Dominican House of Studies, Immaculate Conception Convent Library, Washington, D. C.
DDO	Dumbarton Oaks Research Library of Harvard University, Washington, D. C.
DFR	Board of Governors of the Federal Reserve System
DI	U. S. Department of the Interior Library
DI–GS	— Geological Survey Library
DN	U. S. Department of the Navy Library
DN–HO	— Hydrographic Office Library
DN–RL	Naval Research Laboratory Library, Anacostia Station, Washington, D. C.
DNIH	National Institutes of Health Library, Bethesda, Md.
DNLM	U. S. National Library of Medicine
DNW	U. S. National War College Library, Fort McNair
DP	U. S. Patent Office Library
DS	U. S. Department of State Library
DSI	Smithsonian Institution Library, Washington, D. C.
DWB	U. S. Weather Bureau Library
DeU	University of Delaware, Newark
FMU	University of Miami, Coral Gables, Fla.
FTaSU	Florida State University, Tallahassee
FU	University of Florida, Gainesville
GAT	Georgia Institute of Technology, Atlanta
GEU	Emory University, Atlanta
GU	University of Georgia, Athens
ICA	Art Institute of Chicago, Chicago
ICF	Chicago Natural History Museum, Chicago
ICJ	John Crerar Library, Chicago
ICMILC	Midwest Inter-Library Center, Chicago
ICN	Newberry Library, Chicago
ICU	University of Chicago, Chicago
ICU–Y	Yerkes Observatory, Williams Bay, Wis.
ICarbS	Southern Illinois University, Carbondale
IEN	Northwestern University, Evanston, Ill.
IHi	Illinois State Historical Library, Springfield
IU	University of Illinois, Urbana
IaAS	Iowa State University of Science and Technology, Ames
IaU	State University of Iowa, Iowa City
IdNTS	National Reactor Testing Station, Technical Library, Phillips Petroleum Company, Idaho Falls, Idaho
In	Indiana State Library, Indianapolis
InIA	Indiana Academy of Science Library, Indianapolis
InLP	Purdue University, Lafayette, Ind.
InNd	University of Notre Dame, Notre Dame, Ind.
InU	Indiana University, Bloomington
KAS	St. Benedict's College, Atchison, Kan.
KU	University of Kansas, Lawrence
KU–M	— Medical Center Library, Kansas City
KyU	University of Kentucky, Lexington
LNHT	Howard-Tilton Memorial Library of Tulane University, New Orleans, La.
LU	Louisiana State University, Baton Rouge
MA	Amherst College, Amherst, Mass.
MB	Boston Public Library
MBU	Boston University
MBdAF	U. S. Air Force Cambridge Research Center
MCM	Ma
MH	Ha
MH–A	—.
MH–AH	— A.
MH–C	— Ch
MH–F	— Fa
MH–FA	— Fo
MH–GM	— Go
MH–HY	— Ha
MH–L	— La
MH–M	— Sch
MH–Mi	— Mi
MH–P	— Pe
MH–PR	— Ph
MH–SD	— Gr
MH–Z	— Mu
MNS	Smith
MWelC	Welle

MWhB	Marine Biological Laboratory, Woods Hole, Mass.
MdBJ	Johns Hopkins University, Baltimore
MdBWA	Walters Art Gallery, Baltimore
MeB	Bowdoin College, Brunswick, Maine
MeWC	Colby College, Waterville, Maine
MiD	Detroit Public Library
MiDA	Detroit Institute of Arts
MiDW	Wayne State University, Detroit
MiEM	Michigan State University, East Lansing
MiU	University of Michigan, Ann Arbor
MiU–C	— William L. Clements Library
MiU–L	— Law Library
MnU	University of Minnesota, Minneapolis
MnU–B	— Bio-Medical Library
MnU–L	— Law Library
MoKL	Linda Hall Library, Kansas City
MoRM	University of Missouri School of Mines and Metallurgy, Rolla
MoS	St. Louis Public Library
MoSU	St. Louis University, St. Louis
MoSW	Washington University, St. Louis
MoU	University of Missouri, Columbia
MsSM	Mississippi State University, State College
MsU	University of Mississippi, Oxford
MtBC	Montana State College, Bozeman
MtU	Montana State University, Missoula
N	New York State Library, Albany
NB	Brooklyn Public Library
NBC	Brooklyn College, Brooklyn
NBM	Medical Society of the County of Kings and Academy of Medicine of Brooklyn Library, Brooklyn
NBSU–M	State University of New York, College of Medicine Downstate Medical Center Library, Brooklyn
NCorniC	Corning Glass Works Library, Corning, N. Y.
NIC	Cornell University, Ithaca, N. Y.
NIC–A	— State Colleges of Agriculture and Home Economics
NN	New York Public Library
NNC	Columbia University, New York
NNC–L	— Law Library
NNC–M	— Medical Library
NNC–T	— Teachers College Library
NNE	Engineering Societies Library, New York
NNF	Fordham University, New York
NNIS	Library for Intercultural Studies, New York
NNJ	Jewish Theological Seminary of America, New York
NNM	American Museum of Natural History, New York
NNMM	Metropolitan Museum of Art Library, New York
NNNAM	New York Academy of Medicine, New York
NNR	Russell Sage Foundation, College of the City of New York
NNU	New York University Libraries, New York
NNU–W	— Washington Square Library
NNUN	United Nations Library, New York
NPV	Vassar College, Poughkeepsie, N. Y.
NRE	Eastman Kodak Company, Rochester, N. Y.
NRU	University of Rochester, Rochester, N. Y.
NSyU	Syracuse University, Syracuse, N. Y.
NUpB	U. S. Brookhaven National Laboratory, Upton, N. Y.
NbU	University of Nebraska, Lincoln
NcD	Duke University, Durham, N. C.
NcGW	Woman's College of the University of North Carolina, Greensboro
NcRS	North Carolina State College of Agriculture and Engineering, Raleigh
NcU	University of North Carolina, Chapel Hill
NdU	University of North Dakota, Grand Forks
Nh	New Hampshire State Library, Concord
NhD	Dartmouth College, Hanover, N. H.
NjI	Irvington Free Public Library, Irvington, N. J.
NjMuB	Bell Telephone Laboratories, Murray Hill, N. J.
NjN	Newark Public Library, Newark, N. J.
NjP	Princeton University, Princeton, N. J.
NjR	Rutgers University, New Brunswick, N. J.
OCH	Hebrew Union College, Cincinnati
OCU	University of Cincinnati, Cincinnati
OCl	Cleveland Public Library
OClBHS	Benedictine High School, Cleveland
OClJC	John Carroll University, Cleveland
OClM	Cleveland Medical Library
OClMA	Cleveland Museum of Art
OClW	Western Reserve University, Cleveland
OCoB	Battelle Memorial Institute, Columbus
OO	Oberlin College, Oberlin, Ohio
OOxM	Miami University, Oxford, Ohio
OSte	Carnegie Library, Steubenville, Ohio
OU	Ohio State University, Columbus
OkS	Oklahoma State University, Stillwater
OkU	University of Oklahoma, Norman
OrCS	Oregon State College, Corvallis
OrPR	Reed College, Portland, Ore.
OrU	University of Oregon, Eugene
P	Pennsylvania State Library, Harrisburg
PBL	Lehigh University, Bethlehem, Pa.
PBm	Bryn Mawr College, Bryn Mawr, Pa.
PHC	Haverford College, Haverford, Pa.
PLF	Franklin and Marshall College, Lancaster, Pa.
PP	Free Library of Philadelphia
PPAN	Academy of Natural Sciences, Philadelphia
PPAmP	American Philosophical Society, Philadelphia
PPC	College of Physicians of Philadelphia
PPDrop	Dropsie College for Hebrew and Cognate Learning, Philadelphia
PPPM	Philadelphia Museum of Art
PPT	Temple University, Philadelphia
PPWI	Wistar Institute of Anatomy and Biology, Philadelphia
PPiCI	Carnegie Institute of Technology, Pittsburgh
PPiU	University of Pittsburgh, Pittsburgh
PRosC	Rosemont College, Rosemont, Pa.
PSC	Swarthmore College, Swarthmore, Pa.
PSt	Pennsylvania State University, University Park
PU	University of Pennsylvania, Philadelphia
PU–BZ	— Botany-Zoology Library
PU–El	— Moore School of Electrical Engineering Library
PU–FA	— School of Fine Arts Library
PU–Math	— Mathematics-Physics Library
PU–Mu	— University Museum Library
PU–Penn	— Penniman Library of Education
PU–Sc	— Towne Scientific School Library
RPB	Brown University, Providence, R. I.
TNJ	Joint University Libraries (Vanderbilt University, George Peabody College for Teachers, and Scarritt College), Nashville, Tenn.
TONS	Oak Ridge Institute of Nuclear Studies, Oak Ridge, Tenn.
TU	University of Tennessee, Knoxville
TxCM	Agricultural and Mechanical College of Texas, College Station
TxDaM	Southern Methodist University, Dallas
TxHR	Rice Institute, Houston
TxLT	Texas Technological College, Lubbock
TxU	University of Texas, Austin
ULA	Utah State Agricultural College, Logan
ViBlbV	Virginia Polytechnic Institute, Blacksburg
ViU	University of Virginia, Charlottesville
ViU–L	— Law Library
ViW	College of William and Mary, Williamsburg
VtMiM	Middlebury College, Middlebury, Vt.
VtU	University of Vermont and State Agricultural College, Burlington
WHi	State Historical Society of Wisconsin, Madison
WU	University of Wisconsin, Madison
WaU	University of Washington, Seattle
WvU	West Virginia University, Morgantown

MONTHLY INDEX OF RUSSIAN ACCESSIONS

LIBRARY OF CONGRESS—PROCESSING DEPARTMENT

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1. GENERAL

AKADEMIIA NAUK ARMIANSKOI SSR. Sektor vostokovedenitia. [Collection of oriental studies] Vostokovedcheskii sbornik, Erevan. [In Russian and Armenian.]
Vol. 1. 1960. 399 p.

2. BIBLIOGRAPHY

AKADEMIIA NAVUK BSSR. Minsk. Fundamental'naia biblioteka. [Bibliography of publications of the Academy of Sciences of the White Russian S.S.R.; books and articles published in 1959] Bibliografiia izdanii Akademii nauk Belorusskoi SSR, knigi i stat'i za 1959 g. Minsk, 1960. 133 p.

MOSCOW. PUBLICHNAIA BIBLIOTEKA. [Foreign periodicals; a classed list of publications of the period 1954-1960 received by the Moscow Public Library] Inostrannaia periodika; sistematicheskii spisok izdanii 1954-1960 gg., poluchennykh bibliotekoi imeni V.I. Lenina. Moskva.
No. 5 (dopolnitel'nyi). 1961. 431 p.

MOSCOW. PUBLICHNAIA BIBLIOTEKA. [Library and bibliographical classification; tables for science libraries] Bibliotechno-bibliograficheskaia klassifikatsiia; tablitsy dlia nauchnykh bibliotek. Moskva.
No. 4. [G. Chemical sciences] G. Khimicheskie nauki. 1960. 118 p.

MOSCOW. VSESOIUZNAIA GOSUDARSTVENNAIA BIBLIOTEKA INOSTRANNOI LITERATURY. [Handling foreign literature in libraries] Opyt raboty bibliotek s inostrannoi literaturoi; sbornik statei. Moskva, 1957. 140 p.

RASSUDOVSKAIA, N. M. [F. P. Pavlenko, the publisher, 1839-1900; an account of his life and works] Izdatel' F. F. Pavlenkov, 1839-1900; ocherk zhizni i deiatel'nosti. Moskva, Izd-vo Vses. knizhnoi palaty, 1960. 107 p. (Deiateli knigi)

SEMUSHKIN, V.I. [The book trade in villages] Torgovlia knigoi na sele. Moskva, Izd-vo "Znanie," 1960. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii)

SYKTYVKAR. RESPUBLIKANSKAIA BIBLIOTEKA. [Literature on the Komi A.S.S.R. published during 1956] Literatura o Komi ASSR za 1956 god. Syktyvkar, Komi knizhnoe izd-vo, 1958. 137 p.

3. PHILOSOPHY & RELIGION

[AGAINST PRESENT-DAY BOURGEOIS IDEOLOGY; collected articles of German Marxists] Protiv sovremennoi burzhuaznoi ideologii; sbornik statei nemetskikh marksistov. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 317 p.

[illegible] ly of

BARNALĒS, KŌSTAS. [Aesthetics and criticism. Translated from the Greek] Estetika-kritika. Predisl. [illegible] red. [illegible]. Moskva, Izd-vo

[illegible] Moskva, Izd-vo

CHELPANOV, G. F. [illegible] Moskva, Izd-vo [illegible] Leningrad, Izd-vo

DYNNIK, M. A., and others, eds. [The history of philosophy in six volumes] Istoriia filosofii v shesti tomakh. Moskva, Izd-vo Akad. nauk SSSR
Vol. 5. 1961. 917 p.

ENGST, JAROSLAV. [Problems in scientific ethics. Translated from the Czech] Nekotorye problemy nauchnoi etiki. Moskva, Izd-vo inostr. lit-ry, 1960. 293 p.

FISHER, E. G. [Communist morals and religious morals] Moral' kommunisticheskaia i moral' religioznaia. [Khabarovsk] Khabarovskoe knizhnoe izd-vo, 1960. 49 p.

GAL'PERIN, S. I. [A criticism of theories tending to "biologize" man] Kritika teorii biologizatsii cheloveka. Leningrad, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, Leningr. otd-nie, 1960. 51 p.

GLAZUNOV, I. D. [M. N. Lomonosov, the founder of Russian materialistic philosophy; the 250th anniversary of his birth] M. V. Lomonosov - osnovopolozhnik russkoi materialisticheskoi filosofii; k 250-letiiu so dnia rozhdeniia. Moskva, Izd-vo "Znanie," 1961. 44 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 11, Filosofiia, no. 8)

[GOD IS MY CONSOLATION AND HELP; a prayer book for sick and suffering people] Hospod' moia vtikha ta pomich; molytovnyk dlia bolkashchykh ta dlia zasumovanykh. Winnipeg, Vyd. Ukr. Naukovoho Pravoslavnoho Bohoslova'koho Tovarystva, 1957. 48 p.

HORODETS'KYI, I. [A thorny path...; illustrated martyrology of the Ukrainian Catholic Church] Ternystym shliakhom...; martyrologiia Ukrains'koi Katolyts'koi TSerkvy v obrazkakh. Regensburg, 1948. 40 p.

[HOW TO LIVE IN THIS WORLD; catholic epistle of the Apostle Saint James with an introduction by Metropolitan Ilarion] IAk zhyty na sviti; Soborne Poslannia Sviatoho Apostola IAkova; z pisliamovoiu Mitropolita Ilariona. Winnipeg, Vyd. Ukr. Greko-Pravoslavnoi TSerkvy v Kanadi, 1957. 30 p.

IAMPOL'S'KYI, K. I. [Origin and class nature of Jewish holidays and rites] Pokhodzhennia ta klasova sut' iudeis'kyk sviat i obriadiv. Kyiv, 1961. 47 p. (Tovaryatvo dlia poshyrennia polituchnykh i naukovykh znan' Ukrains'koi RSR. Ser. 2, no. 2)

ILARION, Metropolitan of Winnipeg and All Canada. [Evening sacrifice; Jesus and Barnabbas; a poem] Zhertva Vechirniaia; Isus i Varvara. Poema. Vyd. 3. Winnipeg, 1949. 47 p. (Biblioteka "Slova istyny" vydaie Vydavnychyi Komitet Mytropolyta l'noho Soboru, no. 2)

ILARION, Metropolitan of Winnipeg and All Canada. [Iconoclasm; historical and dogmatic monograph. Lectures at the Orthodox Theological Academy at the St. Andrew College in Winnipeg] Ikonoborstvo; istorychno-dogmatychna monografiia. Vykłady v Pravoslavnii Dukhovnii Akademii pri Kolegii sv. Andreia v Vinnipegu. Winnipeg, Vydannia Ukr. Greko-pravoslavnoi tserkvi v Kanadi, 1954. 239 p.

ILARION, [illegible] studiia. Winnipeg, Ukr. Naukove Pravoslavne Bohoslovskie Tovarystvo, 1956. 128 p.

ILARION, [illegible] Winnipeg, Ukr. Naukove Pravoslavne Bohoslovskie Tovarystvo, 1957. 62 p.

ILARION, Metropolitan of Winnipeg and All Canada. [illegible] Bohoslovskie Tovarystvo, 1957. [illegible]

ILARION, Metropolitan of Winnipeg and All Canada. [Ukrainian Church in the time of Bohdan Khmelnyts'koho, 1647-1657] Ukrains'ka TSerkva za Bohd. Khmel'nyts'koho, 1647-1657. Winnipeg, Ukr. pravoslavne bogoslova'ke tovarystvo. 1955.

[JUBILEE BOOK IN HONOR OF THE 75th BIRTH AND THE WORK OF METROPOLITAN ILARI (1882-1957)] IUvileina knyha na poshanu Myt Ilariona u 75-littia loho zhyttia i pratsi, 1882 Winnipeg, 1957. 318 p.

LIASHEVSKII, STEFAN. [Original Old-Testament Church (from Adam to Abraham) in the light excavations and investigations] Pervoosnovnaia Vetkhozavetnaia TSerkov' ot Adama do Avraa sveta noveishikh raskopok i issledovanii. 1960. 47 p.

LOCKE, JOHN. [Selected philosophical works volumes] Izbrannye filosofskie proizvedeniia tomakh. Moskva, Izd-vo sotsial'no-ekon. lit Vol. 2. 1960. 532 p.

MEZENTSEV, V. A. [Scientific foresight and prophecies; science and religion on forecasti future] Predvidenie nauki i prorocheatva nauka i religiia o predvidenii budushchego. Voen. izd-vo M-va obor. SSSR, 1961. 120 p. (Nauchno-populiarnaia biblioteka)

[ORTHODOX FAITH OF THE ONE, HOLY, CA AND APOSTOLIC CHURCH; epistles of the patriarchs. With an introductory article by Ilian Ilarion] Pravoslavna Vira Iedinoi, Sviatoi Sobornoi i Apostol's'koi TSerkvi; poslannia Patriiarkhiv. Z peredmovoiu Mitropolita Ila Winnipeg, Ukr. Naukovo Pravoslavne Bohosl Tovarystvo, 1957. 200 p.

POPOV, S. I. [Kant and Kantianism; Marxist cri the Kantian theory of knowledge and logic] Ka kantianstvo; marksistskaia kritika teorii pozn logiki kantianstva. [Moskva] Izd-vo Mosk. un 296 p.

RIAZANTSEV, N. I. [What is atheism] Chto tak ateizm. [Moskva] Mosk. rabochii, 1961. 8

SAVCHENKO, A. N. [Parts of speech and categ thought] Chasti rechi i kategorii myshleniia Rostov-na-Donu] Izd-vo Rostovskogo univ., 1959.

SHIROKANOV, D. I. [The dialectic of necessity chance] Dialektika neobkhodimosti i sluchain *Minsk, Izd-vo Akad. nauk BSSR*, 248 p.

SHTAERMAN, E. M. [Morals and religion of the oppressed classes in the Roman Empire; Ital western provinces] Moral' i religiia ugnetenn sov Rimskoi imperii; Italiia i Zapadnye prov Moskva, Izd-vo Akad. nauk SSSR, 1961. 318

TOVMASIAN, S. S. [St. Palasanian's ideas on a Esteticheskie vozzrenita St. Palasantana. Izd-vo AN Armianskoi SSR, 1960. 123 p. Armenian]
(MH)

TROFIMOV, P. S. [Marxist-Leninist aesthetic relation to other social sciences] Marksistsk leninskaia estetika i ee otnoshenie k drugim stvennym naukam. Moskva, Izd-vo "Znani 30 p. (Vsesoiuznoe obshchestvo po rasprost politicheskikh i nauchnykh znanii. Ser. 2, no. 9)

TUMANIAN, VARDAN. [Dialectics of the exp overcoming of contradictions] Dialektika r preodolenita protivorechii. Erevan, Izd-v skogo univ., 1960. 234 p. [In Armenian]
(MH)

VARTANIAN, G. M. [How V. I. Lenin develope Marxist theory of reflection] Razvitie V. I. marksistskoi teorii otrazhenita. Erevan, Armenii, 1960. 236 p.

4. HISTORY

AKADEMIIA NAUK SSSR. Bashkirskii filial, Ufa. Institut istorii, iazyka i literatury. [Formation of the Bashkir Autonomous Soviet Socialist Republic, a collection of documents and materials] Obrazovanie Bashkirskoi Avtonomnoi Sovetskoi Sotsialisticheskoi Respubliki; sbornik dokumentov i materialov. Pod red. B. Kh. Iuldashbaeva. Ufa, Bashkirskoe knizhnoe izd-vo, 1959. 999 p.

AKADEMIIA NAUK SSSR. Institut arkheologii. [Materials and studies on the archaeology of the southwestern U.S.S.R. and the Rumanian People's Republic] Materialy i issledovaniia po arkheologii IUgo-Zapada SSSR i Rumynskoi Narodnoi Respubliki. Kishinev, Gos. izd-vo "Kartia Moldovenieaske," 1960. 352 p.

AKADEMIIA NAUK SSSR. Institut istorii. [Ancient Greece and ancient Rome, a bibliographical index of Russian publications from 1895 to 1959] Drevniaia Gretsiia i drevnii Rim; bibliograficheskii ukazatel' izdanii, vyshedshikh v SSSR, 1895-1959 gg. Sost. A.I. Voronkov. Moskva, 1961. 522 p.

AKADEMIIA NAUK SSSR. Institut narodov Azii. [The U.S. policy in the Arab East] Politika SShA na Arabskom Vostoke. Moskva, Izd-vo vostochnoi lit-ry, 1961. 280 p.

AKADEMIIA NAVUK BSSR, Minsk. Instytut historyi. [History of the partisan movement in White Russia, 1941-1944; a collection of reminiscences] Iz istorii partizanskogo dvizhenila v Belorussii, 1941-1944 gody; sbornik vospominanii. Minsk, Gos. izd-vo BSSR, Red. sotsial'no-ekon. lit-ry, 1961. 505 p.

ARAKELIAN, BABKEN. [Cities and handicrafts of Armenia from the ninth to the thirteenth century] Goroda i remesla Armenii v IX-XIII vv. Erevan, Izd-vo Akad. nauk Armianskoi SSR. [In Armenian] Vol. 1. 1958. 374 p. plates.

AIRUTIUNIAN, AMAIAK. [Armenia from the 9th to the 11th century] Armeniia v IX-XI vekakh. Erevan, Armianskoe gos. izd-vo, 1959. 353 p. [In Armenian.] (MH)

BASHILOV, B. [Russian "Europe"; Russia under the rule of its successors to Peter I, the early history of Russian Masonry] Russkaia Evropiia, Rossiia pri pervykh preemnikakh Petra I. Nachalo masonstva v Rossii. [n.p.] Izd-vo 'Rus'," [n.d.] 87 p.

BASHILOV, BORIS. [Robespierre on the throne; Petr I and the historical results of his revolutionary reforms] Robesp'er na trone; Petr I i istoricheskie rezul'taty sovershennoi im revoliutsii. [n.p.] Izd-vo 'Rus'," [n.d.] 127 p.

BERNADSKII, V.N. [Novgorod and the Novgorod state in the 15th century] Novgorod i Novgorodskaia zemlia v XV veke. Moskva, Izd-vo Akad. nauk SSSR, 1961. 394 p.

BONDARCHUK, V.K., and I.G. CHIGRINOV. [Nikolai IAkovlevich Nikiforovskii; study of his life and work] Nikolai IAkovlevich Nikiforovskii; ocherk zhizni i deiatel'nosti. Minsk, Izd-vo AN BSSR, 1960. 103 p.

ERITSIAN, KH.A. [The soviets of peasants' deputies during the October Revolution] Sovety krest'ianskikh deputatov v Oktiabr'skoi revoliutsii. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 189 p.

FURMANOV, D.A. [Collected works in four volumes] Sobranie sochinenii v chetyrekh tomakh. Moskva, Gos. izd-vo khudozh. lit-ry.
Vol. 1. Chapaev. 1960. 341 p.
Vol. 2. [The insurrection] Miatezh. 1960. 404 p.

GINZBURG, V.V. [Craniological materials from Northern Kazakhstan and the problem of the origin of the early Turkic nomads] Kraniologicheskie materialy iz Severnogo Kazakhstana i vopros o proiskhozhdenii rannikh tiurkskikh kochevnikov. [n.p.] 1960. 17 p. [Parallel texts in Russian and French.]

GREKOV, B.D. [Selected works of B.D. Grekov] Izbrannye trudy. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 4. 1960. 484 p.

GUBER, A.A. [The Philippine Republic of 1898 and American imperialism] Filippinskaia Respublika 1898 goda i amerikanskii imperializm. Izd. 2., ispr. i dop. Moskva, Izd-vo vostochnoi lit-ry, 1961. 382 p.

[HISTORY OF THE CIVIL WAR IN THE U.S.S.R.] Istoriia grazhdanskoi voiny v SSSR. Pod red. M. Gor'kogo i dr. Moskva, [Publisher varies] 1935-1950. 4 v.
(NN)

ILARION, Metropolitan of Winnipeg and All Canada. [Prince Kostiantyn Ostroz'kyi and his cultural works; a historical monograph] Kniaz' Kostiantyn Ostroz'kyi i ioho kul'turna pratsia; istorychna monografiia. Winnipeg, 1958. 216 p.

ILARION, Metropolitan of Winnipeg and All Canada. [Prince Volodymyr embraced Orthodoxy and not Catholicism] Kniaz' Volodymyr pryniiav Pravoslavie a ne Katolytstvo. Vyd. 2., dop. Winnipeg, Vyd-vo Ukr. Greko-Pravoslavnoi TSerkvy v Kanadi, 1952, 32 p.

KAMENTSEVA, E.I. [Russian chronology; a reference manual] Russkaia khronologiia; spravochnoe posobie. Otvetstvennyi red. A.A. Zimin. Moskva, Mosk. gos. istoriko-arkhivnyi in-t, 1960. 83 p.

KOSVEN, M.O. [Ethnology and history of the Caucasus; studies and materials] Etnografiia i istoriia Kavkaza; issledovaniia i materialy. Moskva, Izd-vo vostochnoi lit-ry, 1961. 257 p.

[KRASNYI ARKHIV, an historical journal, 1922-1941. An annotated index of its contents] Krasnyi Arkhiv, istoricheskii zhurnal, 1922-1941. Annotirovannyi ukazatel' soderzhaniia. Sost. R.IA. Zverev. Pod red. V.V. Maksakova. Moskva, Izd-vo Vses. knizhnoi palaty, 1960. 250 p.

LIKHACHEV, D.S. [Culture of the Russian people from the 10th to the 17th century] Kul'tura russkogo naroda X-XVII vv. Moskva, Izd-vo Akad. nauk SSSR, 1961. 118 p. (Nauchno-populiarnaia serila)

MINSK. INSTYTUT HISTORYI PARTYI. [The struggle of White Russian guerrillas during the Great Patriotic War, collected reminiscences and articles of the organizers of and participants in the guerrilla movement against the occupation forces of German fascists during the Great Patriotic War] Partyzanskaia barats'ba belaruskaha naroda u hady vialikai aichynnai vainy, zbornik uspaminau i artykulau arganizatarau i aktyunykh udzelnikau partyzanskoi vainy suprots' niametska-fashystskikh zakhopnikau u hady vialikai aichynnai vainy. Minsk, Dziarzh. vyd-va BSSR, Red. satsyal'na-ekan. lit-ry, 1959. 364 p.

MOHAMMAD KAZEM. [Name-ii 'ālamārā-ii nādirī (Nadir's book beautifying the world)] Name-ii 'ālamārā-ii nādirī (mirovkrashaiushchaia Nadirova kniga). Izdanie teksta i predislovie N.D. Miklukho-Maklaia. Ukazateli G.V. Shitova. Moskva, Izd-vo vostochnoi lit-ry. (Pamiatniki literatury narodov Vostoka. Teksty. Bol'shaia serlia, no. 12)
Vol. 1. 1960. 21, 717 p.

[PANMUNJOM. Translated from the Korean] Pkhanmundom. Pkhen'ian, Izd-vo lit-ry na inostr. iazykakh KNDR, 1958. 151 p.

PASHUTO, V.T., V.I. SALOV, and A.L. KHOROSHKEVICH. [Against falsification of the history of our country by German revenge-seekers] Protiv fal'sifikatsii istorii nashei rodiny nemetskimi revanshistami. Moskva, Izd-vo "Znanie," 1961. 29 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 1, Istoriia, no. 10)

PASTERNAK, IAROSLAV. [Archaeology of the Ukraine; the earliest, the ancient, and the medieval history of the Ukraine based on archaeological sources] Arkheologiia Ukrainy; pervisnia, davnia ta serednia istoriia Ukrainy za arkheologichnymy dzherelemy. Toronto, The Committee for the Publication of "Archaeology of Ukraine," 1961. 788 p.

POKROVSKII, S.N. [Victory of the Soviet regime in Semirech'ye] Pobeda Sovetskoi vlasti v Semirech'e. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1961. 363 p.

ROZIN, E.L. [The state and law in the slaveholding period] Rabovladel'cheskoe gosudarstvo i pravo. Moskva, Vses. iurid. zaochnyi in-t, 1960. 32 p.

ROZNER, I.G. [Severyn Nalyvaiko, leader of the uprising of Ukrainian peasants and Cossacks in 1594-1596] Severin Nalivaiko - rukovoditel' krest'iansko-kazatskogo vosstaniia, 1594-1596 gg. na Ukraine. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 77 p.

SHIPULIN, N.G., and others. [Heroes of Soviet Chechen-Ingush] Geroi Sovetskoi Checheno-Ingushetii. [Groznyi] Checheno-Ingushskoe knizhnoe izd-vo, 1960. 107 p.
(MH)

SIDIEL'NIKOV, S.I. [Georgi Rakovski, the Bulgarian revolutionary] Bolhars'kyi revoliutsioner Heorhii Rakovs'kyi. Kharkiv, Vyd-vo Kharkivs'koho derzh. univ., 1959. 172 p.

SMOLIN, G.IA. [The peasant uprising of 1130-1135 in Hunan and Hupei Provinces] Krest'ianskoe vosstanie v provintsiiakh Khunan' i Khubei v 1130-1135 gg. Moskva, Izd-vo vostochnoi lit-ry, 1961. 148 p.

SPIRIDOVICH, A.I. [The Great War and the February Revolution, from 1914 to 1917] Velikaia Voina i Fevral'skaia Revoliutsiia 1914-1917 gg. New York, Vseslavianskoe izd-vo.
Book 1. 1960. 308 p.
Book 2. 1960. 239 p.

STEPNIAK-KRAVCHINSKII, S.M. [The Russian underground] Podpol'naia Rossiia. Moskva, Gos. izd-vo khudozh. lit-ry, 1960. 220 p.

VASIL'EV, V.I. [Forty years of the people's revolution in Mongolia] 40 let narodnoi revoliutsii v Mongolii. Moskva, Izd-vo "Znanie," 1961. 46 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 7, Mezhdunarodnaia, no. 8)

5. SOCIAL SCIENCES

AKADEMIIA NAUK SSSR. [A compendium of Saint-Simon's teachings. Translated from the French] Izlozhenie uchenila Sen-Simona. Moskva, 1961. 606 p.

AKADEMIIA NAUK SSSR. Institut ekonomiki. [Problems of the distribution of productive forces during the period of the large-scale building of communism] Problemy razmeshchenila proizvoditel'nykh sil v period razvernutogo stroitel'stva kommunizma. Moskva, Gosplanizdat, 1960. 335 p.

AKADEMIIA NAUK SSSR. Institut ekonomiki. [Problem of the political economy of socialism, 1960 issue] Problemy politicheskoi ekonomii sotsializma, vypus 1960 g. Pod red. IA.A. Kronroda. Moskva, Gos. izd-polit. lit-ry, 1960. 303 p.

AKADEMIIA NAUK SSSR. Institut istorii. [Yearbook of the agrarian history of Eastern Europe, 1959] Ezhegodnik po agrarnoi istorii Vostochnoi Evropy 1959 g. Moskva, 1961. 457 p.

AKADEMIIA NAUK SSSR. Institut kompleksnykh transportnykh problem. [Problem of the cooperation of various types of transportation, principles of coordinational work of railroad, water and automotive transportati Problema vzaimodeistviia razlichnykh vidov transpo osnovy koordinirovannoi raboty zheleznodorozhnogo, vodnogo i avtodorozhnogo transporta. Moskva, Izd-Akad. nauk SSSR, 1961. 345 p.

AKADEMIIA NAUK SSSR. Laboratoriia ozerovedenila. [Small bodies of water in lowland regions of the U.S.S.R. and their utilization] Malye vodoemy ravninnykh oblastei SSSR i ikh ispol'zovanie. Mosk 1961. 309 p.

AKADEMIIA NAUK SSSR. Sektor setl spetsial'nykh bibliotek. [Bibliography of the regionalization and distribution of Soviet agriculture, 1818-1960] Bibliografiia po raionirovaniiu i razmeshcheniiu sel'skogo khoziaistva SSSR; 1818-1960. Moskva, 1961. 198 p.

AKADEMIIA NAUK SSSR. Sovet po izucheniiu proizvoditel'nykh sil, Amurskaia kompleksnaia ekspeditsiia. Sektor gidroenergeticheskikh resursov. [Prospects for the comprehensive utilization of the water, forest and feed resources of the lower part of the Amur Valley] Perspektivy kompleksnogo ispol'zovaniia vodnykh, lesnykh i kormovykh resursov nizhnego Amura. Moskva, 1960. 191 p.

AVDEEVA, K.D., and A.M. BELOV. [On Utopia Isla a reader for the sixth grade] Na ostrove Utopiia; kniga dlia chteniia v VI kl. Leningrad, Gos. uchebn pedagog. izd-vo M-va prosv. RSFSR. Leningr. otd-1961. 199 p.

BOBOVICH, I.M., and T.K. PAZHITNOVA. [Lectures on the history of the national economy of the U.S.S.R. the era of capitalism] Lektsii po istorii narodnogo khoziaistva SSSR; epokha kapitalizma. [Leningrad] Izd-vo Leningr. univ., 1961. 150 p.

BOBROVSKII, P.A. [Growing importance of chemistry in the national economy of the U.S.S.R.] Khimizat narodnogo khoziaistva SSSR. Moskva, Izd-vo "Znanie," Vses. ob-va po raspr. polit. i nauchn. zna 1961. 38 p. (Narodnyi universitet kul'tury, no. 3)

BUIANTUEV, B.R. [Economic problems of Baikal] K narodnokhoziaistvennym problemam Baikala. Ulan-Ude, Buriatskoe knizhnoe izdatel'stvo, 1960. 50 p.

BUSHMICH, G.A. [Business accounting is accounting i businesslike manner] Khozraschet - eto schet po-khoziaiski. Moskva, Mashgiz, 1960. 33 p. (Bibli teka rabochego mashinostroiteliia: Serlia "Osnovy konkretnoi ekonomiki," no. 11)

[CALCULATION AND PAYMENT OF DISABILITY PENSIONS TO WORKERS AND EMPLOYEES] Kak ischislialaiutsia i vyplachivaiutsia pensii po invalidnosti. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 6 (IUridicheskie konsul'tatsii dlia naseleniia v vopro sakh i otvetakh, no. 8)

CHACHIN, V. P. [This too is virgin land] Eto tozhe tselina. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 37 p.

CHEBOKSARY. CHUVASHSKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT IAZYKA, LITERATURY, ISTORII I EKONOMIKI. [Economic and cultural development of the Chuvash A.S.S.R.] Razvitie ekonomiki i kul'tury Chuvashskoi ASSR. Cheboksary, Chuvashskoe gos. izd-vo, 1960. 327 p.
[MICROFILM]

DALIN, S. A. [Military and state monopolistic capitalism in the U.S.A.] Voenno-gosudarstvennyi monopolisticheskii kapitalizm v SShA. Moskva, Izd-vo Akad. nauk SSSR, 1961. 356 p.

PROFEEV, N. A. [The Chartist movement] Chartistskoe dvizhenie. Moskva, Izd-vo Akad. nauk SSSR, 1961. 126 p. (Nauchno-populiarnaia serila)

ERONENKOVA, E. I. [What is production cost] Chto takoe sebestoimost' produktsii. [Leningrad] Lenizdat, 1960. 41 p. (Osnovy ekonomicheskikh znanii kazhdomu rabochemu)

[EXHIBITION "SOVIET YOUTH IN THE STRUGGLE FOR PEACE."] Vystavka "Sovetskaia molodezh' v bor'be za mir", prospekt. [n.p.] 1951. 22 p.

FILA'TOV, V. S. [Influence of work on the formation of human character] O vliianii truda na formirovanie kharaktera cheloveka. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1960. 12 p. (Vospitanie kommunisticheskogo otnosheniia k trudu)

[FINANCING AND ISSUING CREDIT FOR CAPITAL INVESTMENTS] Finansirovanie i kreditovanie kapital'nykh vlozhenii. Kollektiv pod rukovodstvom P. D. Podshivalenko i I. D. Sheta. Moskva, Gosfinizdat, 1960. 376 p.
[MICROFILM]

GAMAIUNOV, M. V. [Merging of the two forms of socialist property] Sblizhenie dvukh form sotsialisticheskoi sobstvennosti. Moskva, Izd-vo "Znanie," 1961. 35 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 5, Sel'skoe khoziaistvo, no. 7)

GORBUNOV, E. P. [Soviet rates of growth and bourgeois critics] Sovetskie tempy i ikh burzhuaznye kritiki. Moskva, Izd-vo "Znanie," 1961. 46 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, Ekonomika, no. 9)

GRUNKIN, M. N. [Administration of a socialist enterprise] Upravlenie sotsialisticheskim predpriiatiem. [Leningrad] Lenizdat, 1960. 48 p. (Osnovy ekonomicheskikh znanii kazhdomu rabochemu)

GUBIN, N. M., and O. S. SRAPIONOV. [Problems in economics and planning in district communication offices] Voprosy ekonomiki i planirovaniia v rayonnykh kontorakh sviazi. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1960. 127 p.

KALININ, B. A. [Work organization in river transportation] Organizatsiia truda na rechnom transporte. Moskva, Izd-vo "Rechnoi transport," 1960. 247 p.

KIEV. Statystychne upravlinnia. [Economy of the city of Kiev, statistical collection] Narodne hospodarstvo mista Kyieva; statystychnyi zbirnyk. Kyiv, Derzh. stat. vyd-vo, 1960. 160 p.

KLEIBS, B. D. [Protect your eyes in industry] Beregite glaza na proizvodstve. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 29 p. (Nauchno-populiarnaia meditsinskaia literatura)

KORNILOV, IU. E. [Meany and Reuter, servants of monopolies] Mini i Reiter-prisluzhniki monopolii. Moskva, Gos. izd-vo polit. lit-ry, 1960. 71 p.

KOSTROMA. (Province) Upravlenie vnutrennikh del. Arkhivnyi otdel. [Workers' control and nationalization of the industry in the Kostroma Government; collection of documents, 1917-1919] Rabochii kontrol i natsionalizatsiia promyshlennosti v Kostromskoi gubernii; sbornik dokumentov, 1917-1919 gg. [Kostroma] Kostromskoe knizhnoe izd-vo, 1960. 223 p.

KURSK (Province) Statisticheskoe upravlenie. [Economy of Kursk Province, statistical collection] Narodnoe khoziaistvo Kurskoi oblasti; statisticheskii sbornik. Orel, Gosstatizdat, 1960. 138 p.

KUZNETSOV, E. S., and I. P. PLEKHANOV. [Sketches on traffic safety] Ocherki po bezopasnosti dvizheniia. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1960. 135 p.

LEONT'EV, L. A. [What is political economy] Chto takoe politicheskaia ekonomiia. Izd. 2., perer. [Moskva] Mosk. rabochii, 1961. 101 p.

LUKASHEV, K. I., and S. N. MALININ. [Resources and development of the productive forces of White Russia in the seven-year plan] Resursy i razvitie proizvoditel'nykh sil BSSR v semiletie. Minsk, Izd-vo Akad. nauk BSSR, 1961. 107 p.

MINSK. INSTITUT EKONOMIKI I ORGANIZATSII SEL'SKOKHOZIAISTVENNOGO PROIZVODSTVA. [Monetary wages on collective farms of the White Russian S.S.R.] Denezhnaia oplata truda v kolkhozakh BSSR. Pod obshchei red. I. M. Kachuro. Minsk, Izd-vo Akad. sel'khoz. nauk BSSR, 1960. 97 p.

NAUCHNAIA KONFERENTSIIA PO OKHRANE PRIRODY BASHKIRII, 1st, Ufa, 1960. [State and problems of the protection of nature in Bashkiria, materials] Sostoianie i zadachi okhrany prirody v Bashkirii, materialy. Ufa, Akad. nauk SSSR, Bashkirskii filial, 1960. 167 p.

NEDELIN, S. I. [Accounting on state farms] Bukhgalterskii uchet v sovkhozakh. Izd. 2., perer. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 318 p.

NEMTSOV, V. I. [Excitements, joys and hopes, thoughts on education] Volneniia, radosti, nadezhdy, mysli o vospitanii. Moskva, Gos. izd-vo polit. lit-ry, 1961. 318 p.

OLDEROGGE, D. A. [Main features in the development of the kinship system] Osnovnye cherty razvitiia sistem rodstva. [n.p.] 1960. 23 p. (Parallel texts in Russian and French.)

OREL (Province) Statisticheskoe upravlenie. [The economy of Orlov Province, a statistical manual] Narodnoe khoziaistvo Orlovskoi oblasti, statisticheskii sbornik. Orel, Gosstatizdat, 1960. 281 p.

PALAMARCHUK, M. M. [Rational distribution of socialist production] Ratsionalizatsiia rozmishchennia sotsialistychnoho vyrobnytstva. Kyiv, 1961. 17 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 3, no. 1)

PAVLOV, K. P. [Role of the state monopoly in exports in the building of socialism in the U.S.S.R., 1918-1937] Rol' gosudarstvennoi monopolii vneshnei torgovli v postroenii sotsializma v SSSR, 1918-1937. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 182 p.

POPOVA, A. I. [Development of the concept of collective-farm property] Puti razvitiia kolkhoznoi sobstvennosti. [Tula] Tul'skoe knizhnoe izd-vo, 1960. 46 p. (V pomoshch' izuchaiushchim voprosy razvernutogo stroitel'stva kommunizma)

REMIZOV, K. S. [Conversion to the short workday is one of the most important tasks of the seven-year plan] Perevod na sokrashchennyi rabochii den', odna iz vazhneishikh zadach semiletki. Moskva, 1960. 41 p.
(NNC)

ROSTOV-ON-DON (Province). Statisticheskoe upravlenie. [Economy of Rostov Province; statistical collection] Narodnoe khoziaistvo Rostovskoi oblasti; statisticheskii sbornik. Rostov-na-Donu, 1961. 237 p.

ROTSHTEIN, A. I. [What is the production fund of an enterprise] Chto takoe proizvodstvennye fondy predpriiatiia. [Leningrad] Lenizdat, 1960. 48 p. (Osnovy ekonomicheskikh znanii kazhdomu rabochemu)

ROZENBERG, D. I. [Commentaries to the first volume of K. Marx's "Capital"] Kommentarii k pervomu tomu "Kapitala" K. Marksa. Pod red. S. L. Vygodskogo. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 419 p.

ROZENBERG, I. A. [From the shift plan to the national economic plan] Ot smennogo do narodnogo khoziaistvennogo plana. Moskva, Mashgiz, 1960. 45 p. (Biblioteka rabochego mashinostroitelia; Serila "Osnovy konkretnoi ekonomiki," no. 3)

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Collection no. 36 of unified regional unit valuation sheets for mining operations; instructions for compiling estimates on mining operations in general and valuations of machine estimates of mining machinery and equipment in general] Sbornik no. 36 edinykh rayonnykh edinichnykh rastsenok na gornoprokhodcheskie raboty; instruktsiia po sostavleniiu smet na obshcheshakhtnye raboty i rastsenki na mashino-smeny obshcheshakhtnykh mashin i oborudovaniia. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit materialam, 1960. 94 p.

RUSSIA (1923- U.S.S.R.) Upravlenie prepodavaniia obshchestvennykh nauk. [Economic problems of the transition from socialism to communism; materials of the interuniversity conference in Rostov-on-Don, October, 1959] Ekonomicheskie problemy perekhoda ot sotsializma k kommunizmu; materialy mezhvuzovskoi nauchnoi konferentsii, provedennoi v g. Rostove-na-Donu v oktiabre 1959 goda. Moskva, "Vysshaia shkola," 1960. 373 p.

SANKIN, D. I. [Technical industrial and financial an industrial enterprise] Tekhpromfinplan predpriiatiia. Moskva, Izd-vo "Znanie," 39 p. (Vsesoiuznoe obshchestvo po rasprostr politicheskikh i nauchnykh znanii, no. 2)

SAVEL'EV, V. K. [Comparative economic efficiency fuel transportation and electric power transmi Sravnitel'naia ekonomicheskaia effektivnost topliva i peredachi elektroenergii. Moskva, Akad. nauk SSSR, 1961. 230 p.

SEM, IU. A. [Organization and decay of the tribal system] Rodovaia organizatsiia nan raziozhenie. Vladivostok, Akad. nauk SSS sloe otd-nie Dal'nevostochnyi filial im. V rova, 1959. 30 p.

SHEICHENKO, I. P. [Organization of freight tion by rail and water; lectures] Organizats zheleznodorozhnykh i vodnykh gruzovykh p lektsii. Moskva, Gos. izd-vo torg. lit-ry,

SOKOLOV, L. G. [Regular steamship lines o U.S.S.R. and people's democracies] Mor reguliarnye linii SSSR i stran narodnoi de Moskva, Izd-vo "Morskoi transport," 196 (Ekonomika i eksploatatsiia morskogo tra

SOLOVEI, DMYTRO. [The population of the last 40 years under the rule of the Com Party of the Soviet Union] Liudnist' Ukrain rokiv vlady TsK KPSS u svitli persp'syiv (v 3 chch. 24-27 "Vil'noi Ukrainy," zhurnalu Vil'noi Hromady v Amerytsi). Detroit, 196

STUDENNYKOV, T. V. [Transportation and c tions in the Ukraine during the seven-year Transport i zv'iazok Ukrainy v Semyrichi Derzh. vyd-vo polit. lit-ry URSR, 1960. [MICROFILM]

SUKARNO, Pres Indonesia, 1901- [Sarina, tasks in the struggle of the Indonesian Rep Translated from the Indonesian] Sarina, z zhenshchin v bor'be Respubliki Indonezii. L. IA. Dadiani. Izd. 2. Moskva, Izd-vo lit 1961. 274 p.

TARASOV, S. V. [Accounting in foreign tra tions and problems in analyzing the activ organizations engaged in foreign trade] I uchet vneshneiorgovykh operatsii i vopro khoziaistvennoi deiatel'nosti vneshneiorg ob"edinenii. Izd. 2., dop. i perer. Mosk Vneshtorgizdat, 1959. 247 p.
(RPB)

TERPIGOREV, A. M. [Work and self-educat samoobrazovanie. [Moskva] Izd-vo VTsS 1959. 118 p. (Massovaia biblioteka rabocl

[THIRD CONGRESS OF THE WOMEN OF III s"ezd zhenshchin IAkutii. IAkutsk, I knizhnoe izd-vo, 1960. 76 p.

TIKHOMIROVA, T. S. [Materials concerni Government in the manuscripts of K. Ma V. I. Lenin's work "The development of c in Russia"] Materialy o Riazanskoi gub rukopisiakh K. Marksa i v proizvedenii "Razvitie kapitalizma v Rossii." [Riaz skoe knizhnoe izd-vo, 1960. 61 p.

[TRAFFIC REGULATIONS FOR THE STRE HIGHWAYS OF THE U.S.S.R.] Pravila ulitsam i dorogam Soiuza SSR. Minsk, I "Zviazda," 1961. 143 p.
[MICROFILM]

TROIANOV, A. K. [Organization of the ma machinery] Kak organizovano obsluzhiv Moskva, Mashgiz, 1960. 30 p. (Biblio mashinostroitelia, Serlia: "Osnovy kon ekonomiki," no. 2)

TUCHKEVICH, T. M. [Labor productivity i (transportation] Proizvoditel'nost' truda rozhnom transporte. Moskva, Vses. izd poligr. ob"edinenie M-va putei soobshch 259 p.

TURKIN, A. N. [What the worker dreams o mechtaet rabochii. [Moskva] Izd-vo VT 1960. 29 p. (Massovaia biblioteka rabo

UKRAINE. Statisticheskoe upravlenie. [Ec Ukrainian S.S.R. in 1959; statistical co Narodne hospodarstvo Ukrains'koi RSR statystychnyi shchorichnyk. Kyiv, Derz vyd-vo, 1960. 730 p.

UKRAINE. Statisticheskoe upravlenie. [Ec the Ukrainian S.S.R.; statistical collec nyistvo Ukrains'koi RSR; statystychnyi Derzh. stat. vyd-vo, 1960. 251 p.
[MICROFIL

UMANSKII, L. M., and M. M. UMANSKII [Economic reserves of petroleum production administrations] Rezervy ekonomii neftepromyslovykh upravlenii Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 166 p.

VITIAZEVA, V. A. [Main problems in developing the productive forces of the Komi A. S. S. R. in the seven-year plan] Osnovnye problemy razvitiia proizvoditel'nykh sil Komi ASSR v semiletke. Syktyvkar, Komi knizhnoe izd-vo, 1960. 27 p. (V pomoshch' izuchaiushchim voprosy ekonomiki v nachal'nykh ekonomicheskikh shkolakh)

VLASOV, S. N., and A. V. LEVSHIN [Social insurance for collective farmers] Sotsial'noe obespechenie kolkhoznikov. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 70 p.

VOLGIN, V. P. [Saint-Simon and Saint-Simonianism] Sen-Simon i sen-simonizm. Moskva, Izd-vo Akad. nauk SSSR, 1961. 454 p.

VOLOSHIN, I. F. [Development of power engineering in White Russia] Razvitie energetiki Belorussii. Minsk, In-t energ. Akad. nauk Belorusskoi SSR, 1960. 176 p.

ZHELEZNOV, IA. G. [Monetary income and its distribution in collective farms of Chuvashia A. S. S. R.] Denezhnye dokhody i ikh raspredelenie v kolkhozakh Chuvashskoi ASSR. Cheboksary, Chuvashskoe gos. izd-vo, 1959. 51 p.
(MH)

6. POLITICAL SCIENCE

AKADEMIIA NAUK SSSR. Institut istorii. [Problems of the labor and antifascist movement in Spain] Problemy rabochego i antifashistskogo dvizheniia v Ispanii; sbornik statei. Moskva, 1960. 258 p.

AKHMETOVA, KH. A. [V. I. Lenin Museum in Ufa] Dom-muzei V. I. Lenina v Ufe. Ufa, Bash. knigoizdat, 1960. 17 p. [In Bashkir]
(MH)

ARKAD'EV, N. N. [Fresh wind in the UN] Svezhii veter v OON. Moskva, Izd-vo "Znanie," 1961. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 7, Mezhdunarodnaia, no. 9)

ARMENIAN S. S. R. Verkhovnyi Sovet. [Meetings of the Fifth Supreme Soviet of the Armenian SSR, third session, March 24-25, 1960, a verbatim report] Zasedaniia Verkhovnogo Soveta Armianskoi SSR, piatogo sozyva, tret'ia sessiia, 24-25 marta 1960 g. stenograficheskii otchet. Erevan, 1960. 204 p.

BAGDASAROV, IU. M. [Effective organs of the soviets of workers' deputies; from the experience of the standing committees of the local soviets of workers' deputies in the Uzbek S. S. R.] Aktivnye organy Sovetov deputatov trudiashchikhsia, iz opyta raboty postoiannykh komissii mestnykh Sovetov deputatov trudiashchikhsia Uzbekskoi SSR. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1959. 58 p.

FLEROV, V. S., ed. [Fighters for the Soviet regime] Bortsy za vlast' Sovetov. [Tomsk] Tomskoe knizhnoe izd-vo, 1959. 1 v.
(NNC)

[FORTIETH ANNIVERSARY OF THE FORMATION OF THE COMMUNIST PARTY OF WHITE RUSSIA; 1918-1958] Sorokaletie obrazovaniia Kommunisticheskoi partii Belorussii, 1918-1958 gg. Minsk, Gos. izd-vo BSSR, 1958. 45 p.

FRUNZE, M. V. [Fifth anniversary of the Soviet regime. The Union of Soviet Republics. Twenty five years of the Russian Communist Party (Bolshevik)] Piatiia godovshchina Sovetskoi vlasti. O soiuznom ob"edinenii Sovetskikh respublik. 25 let RKP(b) Moskva, Gos. izd-vo polit. lit-ry, 1960. 50 p. (Bibliotechka po nauchnomu sotsializmu, no. 60)

GRAMSCI, ANTONIO. [Articles from "Ordine nuovo." Problems of the revolution. Problems of cultural life. Translated from the Italian. Preface by T. Korradov.] Stat'i iz "Ordine nuovo." Problemy revoliutsii. Problemy kul'turnoi zhizni. Moskva, Gos. izd-vo polit. lit-ry, 1960. 424 p. (Bibliotechka po nauchnomu sotsializmu, no. 53)

GUANG LOI. [South of the 17th parallel. Translated from the French. Preface by Le Din' Tkham] Iuzhnee 17-i paralleli. Moskva, Izd-vo inostr. lit-ry, 1960. 108 p.

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. IAroslavskii oblastnoi komitet. Partiinyi arkhiv. [Documents from the history of the Yaroslavl Communist Youth League, 1918-1920] Dokumenty iz istorii iaroslavskogo komsomola, 1918-1920. [IAroslavl'] IAroslavskoe knizhnoe izd-vo, 1959. 300 p.
(MH)

LENINGRAD. UNIVERSITET. Kafedra istorii KPSS. [Course of lectures on the history of the Communist Party of the Soviet Union] Kurs lektsii po istorii Kommunisticheskoi partii Sovetskogo Soiuza. [Leningrad]
Pt. 1. 1960. 258 p.

MEHRING, FRANZ. [K. Marx and F. Engels, the creators of scientific communism] K. Marks i F. Engel's - sozdateli nauchnogo kommunizma. Moskva, Gos. izd-vo polit. lit-ry, 1960. 232 p. (Bibliotechka po nauchnomu sotsializmu)

PANOVA, N. S. [For the teacher on working with Junior Pioneers] Uchitelu o rabote s oktiabriatami. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 114 p.

PARTIDUL MUNCITORESC ROMIN. [The Third Congress of the Rumanian Workers' Party in Bucharest, June 20-25, 1960. Translated from the Rumanian] III s"ezd Rumynskoi rabochei partii, Bukharest, 20-25 iiunia 1960 goda. Moskva, Gos. izd-vo polit. lit-ry, 1961. 239 p. (Dokumenty i materialy zarubezhnykh kommunisticheskikh i rabochikh partii)

[READINGS IN MARXIST-LENINIST PHILOSOPHY IN TWO VOLUMES] Khrestomatiia po marksistsko-leninskoi filosofii v dvukh tomakh. Moskva, Gos. izd-vo polit. lit-ry.
Vol. 2. V. I. Lenin. 1961. 759 p.

RUSSIA (1917- R. S. F. S. R.) Verkhovnyi Sovet. [Meetings of the Fifth Supreme Soviet of the RSFSR, third session, October 25-27, 1960; a verbatim report] Zasedaniia Verkhovnogo Soveta RSFSR, piatogo sozyva tret'ia sessiia 25-27 oktiabria 1960 g., stenograficheskii otchet. [Moskva] 1960. 335 p.

RUSSIA (1917- R. S. F. S. R.) Verkhovnyi Sovet. [Meetings of the Fifth Supreme Soviet of the R. S. F. S. R., fourth session, December 26-27, 1960. Verbatim report] Zasedaniia Verkhovnogo Soveta RSFSR, piatogo sozyva chetvertaia sessiia 26-27 dekabria 1960 g., stenograficheskii otchet. [Moskva] 1961. 178 p.

RUSSIA (1923- U. S. S. R.) Verkhovnyi Sovet. Prezidium. [The decree of the Presidium of the Supreme Soviet of the U. S. S. R. on electoral districts for elections to the Union Soviet, January 4, 1958. The decree of the Presidium of the Supreme Soviet of the U. S. S. R. on electoral districts for elections to the Soviet of Nationalities, January 4, 1958] Ukaz Prezidiuma Verkhovnogo Soveta SSSR ob izbiratel'nykh okrugakh po vyboram v Sovet Soiuza, 4 ianvaria 1958 g. Ukaz Prezidiuma Verkhovnogo Soveta SSSR ob izbiratel'nykh okrugakh po vyboram v Sovet Natsional'nostei, 4 ianvaria 1958 g. [Moskva, Izdanie Verkhovnogo Soveta SSSR, n. d.] 144 p. (Prilozhenie k No. 1 (890) "Vedomostei" ot 13 ianvaria 1958 g.)

SOLOVEI, DMYTRO. [Russian Bolshevik colonialism in the Non-Russian Republics of the U. S. S. R.] Rosiis'kyi bil'shovits'kyi kolonializm u nerosiis'kykh respublikakh SSSR. Toronto, 1961. 30 p.

TANIN, S. [Governmental system of the Republic of Guinea] Gosudarstvennyi stroi Gvineiskoi Respubliki. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 48 p. (Gosudarstvennyi stroi stran mira)

VALUEV, P. A. [The diary of P. A. Valuev, the Minister of Internal Affairs; in two volumes] Dnevnik P. A. Valueva ministra vnutrennikh del v dvukh tomakh. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 1. 1861-1864. 1961. 420 p.

VLADIMIROV, S. A. [Imperialist military blocs are a treat to peace] Imperialisticheskie voennye bloki - ugroza miru. Moskva, Izd-vo "Znanie," 1961. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 7, Mezhdunarodnaia, no. 10)

VOLODIN, V. I. [Political school and organization of its work] Politshkola i organizatsiia ee raboty. Moskva, Gos. izd-vo polit. lit-ry, 1961. 62 p. (Bibliotechka propagandista, no. 2)

VOSKRESENSKII, IU. V. [The 14th Congress of the All-Union Communist Party (Bolshevik), and how the party struggled for the carrying out of its decisions, a lecture on the "History of the CPSU" course] XIV s"ezd VKP(b) i bor'ba partii za vypolnenie ego reshenii; lektsiia po kursu "Istoriia KPSS." Moskva, Gos. izd-vo "Vysshaia shkola," 1960. 54 p. (Lektsii po istorii KPSS)

ZHILIN, P. I. [They inform the masses about the decisions of the party; notes about the training of propagandists] Oni nesut slovo partii v massy, zametki o rabote s agitatorami. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 61 p. (Bibliotechka sel'skogo partiinogo rabotnika)

7. LAW

AKADEMIIA NAUK SSSR. Institut slavianovedeniia. [The abridged version of "Legal rules for people"] Zakon Sudnyi liudem; kratkoi redaktsii. Podgotovili k pechati M. N. Tikhomirov, L. V. Milov. Pod red. M. N. Tikhomirova. Moskva, Izd-vo Akad. nauk SSSR, 1961. 177 p.

AKADEMIIA NAVUK BSSR, Minsk. Addzel pravavykh navuk. [The Soviet people and their participation in ensuring a strict observance of laws] Sovetskaia obshchestvennost' i ukreplenie pravoporiadka. Minsk, 1961. 232 p.

ANDREEV, V. S., and IU. P. ORLOVSKII. [The legal status of persons who combine their studies with work] Pravovoe polozhenie lits sovmeshchaiushchikh obuchenie s proizvoditel'nym trudom. Moskva, Izd-vo Akad. nauk SSSR, 1961. 229 p.

EGOROV, K. F. [Liability for the maritime transportation of freight according to English law] Otvetstvennost' morskogo perevozchika za gruz po angliiskomu pravu. Moskva, Izd-vo "Morskoi transport," 1961. 119 p.

GOLOVANOVA, E. A., and A. F. TROSHIN. [Labor rights of minors in the U. S. S. R.] Trudovye prava podrostkov v SSSR. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 77 p.

GUDOSHNIKOV, L. M., and others. [Constitutional law of the people's democracies] Gosudarstvennoe pravo stran narodnoi demokratii. Pod red. V. F. Kotoka. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 571 p.

IAICHKOV, K. K. [Inventions and their legal protection in the U. S. S. R.] Izobretenie i ego pravovaia okhrana v SSSR. Moskva, Izd-vo Akad. nauk SSSR, 1961. 219 p.

[INFORMATION ON CZECHOSLOVAKIA] Informatsii o Chekhoslovakii. Moskva, Otdel pechati Posol'stva Chekhoslovatskoi Respubliki v SSSR, [n. d.] 20 p.

MOSCOW. VSESOIUZNYI IURIDICHESKII ZAOCHNYI INSTITUT. [Collected texts and forms of civil law documents, materials for the students of the All-Union Correspondence Institute of Legal Studies] Sbornik tekstov i form grazhdansko-pravovykh dokumentov; uchebnyi material dlia studentov VIUZI. Sost. V. A. Riasentsev. Moskva, 1959. 243 p.

PRITUZOVA, V. A. [Evaluation of findings of experts by appellate courts] Otsenka zakliuchenita kriminalisticheskoi ekspertizy vyshestoiashchim sudom. [Moskva] Izd-vo Mosk. univ., 1960. 36 p.

[THE PROBLEMS OF INTERNATIONAL LAW, collection of translated articles of the specialists in international law of the people's democracies] Problemy mezhdunarodnogo prava; sbornik statei iuristov-mezhdunarodnikov stran narodnoi demokratii. Moskva, Izd-vo inostr. lit-ry, 1961. 339 p.

RIUMINA, L. A. [Contracts for maritime transportation of freight according to English law] Dogovor morskoi perevozki po angliiskomu pravu. Moskva, Izd-vo "Morskoi transport," 1961. 34 p.

ROSLOV, P. N. [Rights and duties of the organs of collective farm management] Prava i obiazannosti organov upravleniia kolkhozov. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 109 p.

UKRAINE. Constitution. [Constitution (fundamental law) of the Ukrainian Soviet Socialist Republic. With amendments adopted at the fourth session of the Fifth Supreme Soviet of the Ukrainian SSR] Konstitutsiia (osnovnyi zakon) Ukrains'koi Radian'koi Sotsialistychnoi Respubliky. Iz zminamy i dopovnenniamy, pryniiatymy na IV sesii Verkhovnoi Rady Ukrains'koi RSR p'iatoho sklykannia. Kyiv, Vydannia Verkhovnoi Rady URSR, 1961. 27 p.

8. EDUCATION

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Institut pedagogiki, Leningrad. [Continuity in instruction and interrelationship among academic subjects in grades 5-7] Preemstvennost' v obuchenii i vzaimosviaz' mezhdu uchebnymi predmetami v V-VII klassakh. Pod red. Sh. I. Ganelina i A. K. Bushli. Moskva, 1961. 279 p.

BELINOVICH, V. V. [Industrial calisthenics] Gimnastika na proizvodstve. Moskva, Izd-vo "Znanie," 1961. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Biologiia i meditsina, no. 7)

BRIEDIS, A. A. [Active games for grades 1 to 4, a manual for teachers of physical culture] Podvizhnye igry dlia I-IV klassov, posobie dlia uchitelei fizicheskogo vospitaniia. Leningrad, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR. Leningr. otd-nie, 1961. 174 p.

DANILOV, M. A. [Educational process in Soviet schools] Protsess obucheniia v sovetskoi shkole. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 299 p.

ITEL'SON, L. B. [Vocational training of students] Voprosy professional'noi podgotovki shkol'nikov. Pod red. M. A. Gorlanova. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 157 p.

MATSKEVICH, D. D. [Road to a great feat] Doroga k podvigu. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1961. 68 p.

MERZHANOV, M. I. [Torches of Rome, notes of a sports reviewer] Fakely Rima; zametki sportivnogo obozrevatelia. Moskva, Izd-vo "Pravda," 1961. 47 p. (Biblioteka "Ogonek," no. 16)

NIKOLOV, L. V. [On Olympic firing ranges] Na olimpiiskikh ognevykh rubezhakh. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 63 p.

RUSSIA (1917- R. S. F. S. R.) TSentral'nyi uchebno-metodicheskii kabinet professional'no-tekhnicheskikh uchilishch. [The foreman and the inculcation of a creative attitude toward work] Master i vospitanie tvorcheskogo otnosheniia k trudu. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1960. 101 p. (Vospitanie kommunisticheskogo otnosheniia k trudu)

[RUSSIA IN SPORTS] Sportivnaia Rossiia. [Moskva, Izd-vo "Sovetskaia Rossiia," 1960] 223 p.

ZHUKOVA, N. KH., and others. [The "Ready for Labor and Defense" Organization in the physical culture groups] GTO v kollektive fizicheskoi kul'tury. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1961. 227 p.

9. MUSIC, THEATER & MOTION PICTURES

AGAIAN, M. L. [Armenian ashugs and the art of gusans and ashugs] Armianskie ashugi i gusano-ashugskoe iskusstvo. Erevan, Armianskoe gos. izd-vo. 1959. 66 p. [In Armenian.]

AKADEMIIA NAUK SSSR. Institut istorii iskusstv. [French motion-picture art] Frantsuzskoe kinoiskusstvo; sbornik statei. Otv. red. S. I. Iutkevich. Moskva, Gos. izd-vo "Iskusstvo," 1960. 403 p.

ALTUNIAN, TATUL, comp. [Armenian folk songs and dances] Armianskie narodnye pesni i pliaski. Izd. 2. Erevan, Armianskoe gos. izd-vo [In Armenian and Russian]
Vol. I. [1959] 99 p.

BILETS'KA, L. K. [Shevchenko and the theater] Shevchenko i teatr. Kyiv, 1961. 30 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 8, no. 5)

GRIGOR'EV, S. S. [The melodies of Rimskii-Korsakov] O melodike Rimskogo-Korsakova. Moskva, Gos. muzykal'noe izd-vo, 1961. 195 p.

IABLOCHKINA, A. A. [Seventy-five years in the theater] 75 let v teatre. Moskva, Vserossiiskoe teatral'noe ob-vo, 1960. 529 p.

IARTSEV, K. N. [Actors and fighters] Aktery i boitsy. Moskva, Vserossiiskoe teatral'noe ob-vo, 1959. 132 p.
(MH)

IL'INSKII, I. V. [Toward mastery!] K masterstvu! [Moskva] Izd-vo VTsSPS Profizdat, 1960. 63 p. (Mastera iskusstv-uchastnikam khudozhestvennoi *samodeiatel'nosti*)

MELIKSETIAN, SARKIS. [Outline history of the Soviet Armenian theater] Ocherk istorii Armianskogo sovetskogo teatra. Erevan, Izd-vo Akad. nauk Armianskoi SSR, 1960. 265 p. [In Armenian.]

PROTOPOPOV, V. V. ["Ivan Susanin" by Glinka; a musical and theoretical study] "Ivan Susanin" Glinki; muzykal'no-teoreticheskoe issledovanie. Moskva, Izd-vo Akad. nauk SSSR, 1961. 419 p.

RAKHMANOV, M. [Khamza and the Uzbek theater] Khamza i uzbekskii teatr. Pod red. Georga Goian. Tashkent, Gos. izd-vo khudozh. lit-ry UzSSR, 1960. 319 p.

[REPERTORY LEAFLET, a Soviet citizen in space] Repertuarnaia listovka; sovetskii chelovek v kosmose. [Moskva, Izd-vo "Sovetskaia Rossiia," 1961] 16 p. (Bibliotechka khudozhestvennaia samodeiatel'nost', no. 7)

SEMIANOVICH, A. A. [White Russian dramaturgy; the prerevolutionary period] Belaruskaia dramaturgiia, dakastrychnitski peryiad. Minsk, Vyd-va Akad. navuk BSSR, 1961. 240 p.

10. FINE ARTS

DELACROIX, EUGENE. [Thoughts on art; on famous painters. Translated from the French. Preface by V. Prokof'ev] Mysli ob iskusstve, o znamenitykh khudozhnikakh. Moskva, Izd-vo Akad. nauk SSSR, 1960. 279 p.

GOLOVINA, S. A., N. F. KORITSKAIA, and T. G. RZHEPETSKAIA, comps. [A. M. Gor'kii in Soviet fine arts, painting, sculpture, drawing] A. M. Gor'kii v sovetskom izobrazitel'nom iskusstve. Zhivopis', skul'ptura, grafika. Moskva, Sovetskii khudozhnik, 1960. 132 p. plates.
(MH)

GONCHAROVA, A. A., and A. I. KHAMTSOV. [Walls and towers of the Kremlin] Steny i bashni Kremlia. Izd. 2., dop. [Moskva] Mosk. rabochii, 1960. 67 p.

IL'IN, M. A. [Russian folk art] Russkoe narodnoe iskusstvo. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1959. 69 p. illus.

IVANOV, S. V. [Moscow in the life and works of I. E. Repin] Moskva v zhizni i tvorchestve I. E. Repina. [Moskva] Mosk. rabochii, 1960. 141 p.

IVENSKII, S. G. Feodosii Mikhailovich Vakhrushov, 1870-1931. [Vologda] Vologodskoe knizhnoe izd-vo, 1960. 63 p.
(MH)

KAMENSKII, A. A. Orest Georgievich Vereiskii. Moskva, Sovetskii khudozhnik, 1960. 202 p.

KHALAMINSKII, IU. IA. D. Moor. Moskva, Sovetskii khudozhnik, 1961. 220 p.

LENINGRAD. GOSUDARSTVENNYI RUSSKII MUZEI. [Album of reproductions] Al'bom reproduktsii. Moskva, Gos. izd-vo izobraz. iskus., 1960. vi p. illus. plates.
(NN)

LOHVYN, H. N. [Architecture of St. Andrew's Church in Kiev, an architectural monument of the 18th century] Arkhitektura Andriivs'koi tserkvy v Kyievi; pam'iatnyk arkhitektury XVIII st. Kyiv, Derzh vyd-vo lit-ry z budivnytstva i arkhitektury URSR, 1959. 12 p. illus. plates. (Derzhavnyi komitet Rady Ministriv URSR v spravakh budivnytstva. Pam'iatnyky arkhitektury Ukrains'koi RSR)
(MH)

MOSCOW. GOSUDARSTVENNYI MUZEI L. N. TOLSTOGO. [Lev Tolstoi in photographs of his contemporaries] Lev Tolstoi v fotografiiakh sovremennikov. Moskva, Izd-vo Akad. khudozh. SSSR, 1960. 7 p. plates.

MOSCOW. PUBLICHNAIA BIBLIOTEKA. [Art for everybody; discussions of books] Iskusstvo - vsem; besedy o knigakh. Pod red. E. E. Naidicha. Leningrad, 1960. 10 v. (V pomoshch' esteticheskomu vospitaniiu)

NIKULINA, O. R. Nikolai Nikolaevich Zhukov. Moskva, "Sovetskii khudozhnik," 1960. 123 p.

PAVEL ANDREEVICH FEDOTOV. Moskva, Gos. izd-vo izobraz. iskus., 1958. 13 p. illus.

[THE SCHOOL OF FINE ARTS; in nine parts] Shkola izobrazitel'nogo iskusstva; v deviati vypuskakh. Moskva, Izd-vo Akad. khudozh. SSSR.
No. 2. 1961. 228 p.

SHCHEPETIL'NIKOV, N. M. [Architecture of Mongolia] Arkhitektura Mongolii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 243 p.

TARANUSHENKO, S. A. [Shevchenko the artist] Shevchenko - khudozhnyk. Kyiv, 1961. 77 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR, Ser. 8, no. 3/4)

VUCHETICH, E. V. [Zsigmond Kisfaludi-Strobl] Zhigmont Kishvaludi Shtrobl'. Moskva, Izd-vo Akad. khudozh. SSSR, 1960. 15 p. plates.

VYSTAVKA PROIZVEDENII IZOBRAZITEL'NOGO ISKUSSTVA SOTSIALISTICHESKIKH STRAN, Moscow, 1958. [Exhibition of works of the fine arts of socialist countries, catalog] Katalog. [Moskva, Izd-vo "Sovetskii khudozhnik," n. d.] 324 p.

11. LANGUAGE, LITERATURE & FOLKLOR

ABAKAN. KHAKASSKII NAUCHNO-ISSLEDOVATEL'S INSTITUT IAZYKA, LITERATURY I ISTORII. [Kh kass folk tales. Translated from Khakass] Khaka skie narodnye skazki. [Abakan] Khakasskoe knizhn izd-vo, 1955. 142 p.

ABBAS, KHODZHA AKHMAD. [A thousand nights on a stone couch, stories. Translated from the Urdu] Tysiacha nochei na lozhe iz kamnia, rasskazy. Mos Izd-vo "Pravda," 1961. 63 p. (Biblioteka "Ogonek," no. 18)

AGABABIAN, S. B. Nairi Zarian. Erevan, Izd-vo AN Armianskoi SSR, 1954. 130 [In Armenian.]

AGAIAN, G. [From my life] Iz moei zhizni. Erevan Armianskoe gos. izd-vo, 1955. 185 p. [In Armen

AGAIAN, GAZAROS. ["Anait." Erevan, Armiansko gos. izd-vo] 1957. 58 p. [In Armenian.]

AGAIAN, GAZAROS. [Tales] Skazki. Erevan, Arm skoe gos. izd-vo. Erevan, 1960. 190 p. [In Armenian]

AKADEMIIA NAUK SSSR. Institut filosofii. [N. I. Nov and his generation; selected works] N. I. Novikov i ego sovremenniki; izbrannye sochineniia. Moskv 1961. 534 p.

AKADEMIIA NAUK SSSR. Institut mirovoi literatury [Chronicle of the life and works of A. M. Gor'kii] Letopis' zhizni i tvorchestva A. M. Gor'kogo. Mos No. 4. 1930-1936. 1960. 721 p.

AKADEMIIA NAUK SSSR. Institut narodov Azii. [Co temporary Arabic verse. Translated from the Ar Sovremennaia arabskaia poeziia. Moskva, Izd-v vostochnoi lit-ry, 1961. 178 p.

AKADEMIIA NAUK SSSR. Institut narodov Azii. [The second record of Abu Dulaf] Vtoraia zapiska Dulafa. Izd. teksta, perevod, vvedenie i kommient P. G. Bulgakova i A. B. Khalidova. Moskva, Izd-vo vostochnoi lit-ry, 1960. 110, 77 p. (Pamiatniki literatury narodov Vostoka. Teksty. Malaia seriia no. 5) [In Russian and Arabic.]

AKADEMIIA NAUK SSSR. Institut russkoi literatury A. N. Ostrovskii. Moskva, 1960. 228 p. (Opisan rukopisei i izobrazitel'nykh materialov Pushkins doma, no. 6)
(NNC)

AKADEMIIA NAUK SSSR. Institut russkoi literatury [Problems of Soviet literature] Voprosy sovetsk literatury pod red. P. S. Vykhodtseva i V. A. Kovr Moskva.
Vol. 8. 1959. 490 p.

AKADEMIIA NAUK SSSR. Institut russkoi literatur [Russian tales in records and publications of th first half of the 19th century] Russkie skazki v zapisiakh i publikatsiiakh pervoi poloviny XIX ve Moskva, 1961. 396 p.

ALEKSEEVA, O. B., and others. [Children's literature, a manual for normal schools] Detskaia literatura, posobie dlia pedagogicheskikh uchilishch. Izd. 2. Moskva, Gos. uchebno-pedagog. izd-vo, 1959. 352 p. (NNC)

ARAKELIAN, VARAG. [Introduction to "Syntax of the Armenian language"] Vvedenie k "Sintaksisu armianskogo iazyka." Erevan, Izd-vo AN Armianskoi SSR, 1959. 42 p. [In Armenian.]

ARSENT'EV, I. A. [Tale of one destiny, a novel] Povest' odnoi sud'by; roman. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1960. 253 p. (MH)

ARUTIUNIAN, MOVSES MELIKOVICH. [Israel' Ori, a novel] Israel' Ori; roman. Erevan, Armianskoe Gos. izd-vo, 1959. 220 p. [Publ. under his pseud. Arazi. In Armenian]

ARUTIUNIAN, SUREN. [Gabriel Sundukian, a monograph] Gabriel Sundukian; monografiia. Erevan, Armianskoe gos. izd-vo, 1960. 508 p. [In Armenian] (MH)

ASTAKHOVA, A. M., and others, eds. [Byliny of the Pechora and Zimniy Berega areas, new transcriptions] Byliny Pechory i Zimnego berega, novye zapisi. Moskva, Izd-vo Akad. nauk SSSR, 1961. 606 p. (Pamiatniki russkogo fol'klora)

AVDEENKO, A. O. [This is your world, a novel] Eto tvoi svet, roman. Moskva, Sovetskaia Rossiia, 1960. 533 p. (MH)

BABAR, Emperor of Hindustan, 1483-1530. Babur-name. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, 1960. 512 p. [In Uzbek.]

BABAR, Emperor of Hindustan, 1483-1530. [Verse] She'lar, ikkinchi nashri. Toshkent, UzSSR Davlat badiiy akademiet nashrieti, 1960. 61 p.

BAJOWA, OLGA. [Choice of an heir; a page from the life of Thomas A. Edison] Izbranie naslednika; Stranichka iz zhizni Tomasa A. Edisona. Buenos-Aires, Izd-vo "Seiatel'," 1960. 127 p.

BASHKORT KHALK MEKELGERE. [Bashkir proverbs] Ofo, Bashkortostan, Kitap izdatel'stvony, 1960. 261 p. [In Bashkir]

BATTULGA, Z. [Beyond the black curtain; a tale. Translated from the Mongolian] Za chernym zanavesom, povest'. Moskva, Izd-vo inostr. lit-ry, 1961. 177 p.

BEREST, BORYS. [Alexandr Dovzhenko] Oleksandr Dovzhenko, krytychna monografiia. New York, [1961] 126 p.

BERIOZOV, R. M. [Joseph the Beautiful; poems] Iosif Prekrasnyi, poemy. San Francisco, 1959. 95 p. (NN)

BERNSHTEIN, I. A. [The career of Marie Pujmanová] Tvorcheskii put' Marii Pujmanovoi. Moskva, Izd-vo Akad. nauk SSSR, 1961. 201 p.

BILETS'KYI, O. I., and DEICH, O. I. [Taras Hryhorovych Shevchenko; a literary portrait] Taras Hryhorovych Shevchenko; literaturnyi portret. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1961. 213 p.

BKHISHAM SAKHNI. [Wrath of the Almighty and other stories. Translated from the Hindi] Gnev vsevyshnego, i drugie rasskazy. Moskva, Izd-vo inostr. lit-ry, 1960. 97 p.

BOROVKOV, A. K. ["Bada'i' al-lugat, dictionary by Tāli' Imani of Herat for the works of Alisher Navoi] "Badā'i' al-lugat; slovar' Tāli' Imāni Geratskogo k sochineniiam Alishera Navoi. Moskva, Izd-vo vostochnoi lit-ry, 1961. 264, 180 p. [In Russian and Persian]

BORSHCHEVS'KYI, VASYL'. [The feeling of a close-knit family, the theme of the friendship of the peoples in Soviet Ukrainian literature] Chuttia ednoi rodyny; tema druzhby narodiv v ukrains'kii radians'kii literaturi. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1960. 122 p. (NNC)

CHAPYGIN, A. P. [Idle people; a historical novel] Gulliashchie liudi; istoricheskii roman. [Khabarovsk] Khabarovskoe knizhnoe izd-vo, 1960. 563 p. (MH)

CHAUHAN, S. [Outline history of Hindi literature. Translated from the Hindi] Ocherk istorii literatury khindi. Obshchaia red., vstup. stat'ia i kommentarii E. P. Chelysheva. Moskva, Izd-vo inostr. lit-ry, 1960. 319 p.

CHEREVKOV, V. D. [It happened in spring; stories and short stories] Eto bylo vesnoi, rasskazy i novelly. [Zaporozh'e] Zaporozhskoe knizhno-gazetnoe izd-vo, 1959. 90 p. (MH)

CHESHKO, L. A. [The study of words having no grammatical relation to the remainder of a sentence, a teacher's guide] Izuchenie slov, grammaticheski ne sviazannykh s predlozheniem, posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 102 p.

CHOU ERH-FU. [Shanghai morning, a novel. Translated from the Chinese] Utro Shankhaia, roman. Moskva, Izd-vo inostr. lit-ry, 1960. 499 p.

DARTAU, OL'GA. [Anna IAroslavna, a poem] Anna IAroslavna; poema. Kolumbus, Okhaio, 1959. 38 p. (MH)

DERVIS, SUAT. [Prisoner of Ankara, a novel. Translated from the Turkish] Ankarskii uznik, roman. Moskva, Izd-vo inostr. lit-ry, 1960. 130 p.

DMITRIEV, L. A. [History of the first edition of the "Lay of Igor's Host", materials and research] Istoriia pervogo izdaniia "Slova o polku Igoreve"; materialy i issledovaniia. Moskva, Izd-vo Akad. nauk SSSR, 1960. 376 p.

DMYTERKO, LIUBOMYR. [Human paths, selected works] Puti chelovecheskie, izbrannoe. Moskva, Gos. izd-vo khudozh. lit-ry, 1960. 374 p.

DRABKINA, E. IA. [Black crusts; stories] Chernye sukhari; rasskazy. Moskva, Sovetskii pisatel', 1961. 377 p. (NN)

DZIDZISHVILI, M. P. [Phonetic processes in the old Georgian language] Foneticheskie protsessy v drevnegruzinskom iazyke. Tbilisi, Akad. nauk Gruzinskoi SSR, In-t iazykoznaniia, 1960. 159 p. [In Georgian] (MH)

EHRENBURG, I. G. [The storm, a novel] Buria; roman. Moskva, Gos. izd-vo khudozh. lit-ry, 1960. 821 p.

EIKHENBAUM, B. M. [Articles on Lermontov] Stat'i o Lermontove. Moskva, Izd-vo Akad. nauk SSSR, 1961. 371 p.

[FOLK WISDOM, Ukrainian proverbs and sayings] Mudrist" narodna; ukrains'ki prysliviia ta prykazky. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1959. 110 p.

GANSOVSKII, S. F. [Red wings, a play in one act for seven performers] Kryl'ia krasnye, p'esa v odnom deistvii dlia semi ispolnitelei. Moskva, Gos. izd-vo "Iskusstvo," 1961. 27 p. (Repertuar khudozhestvennoi samodeiatel'nosti)

GATOV, A. B. [There is a dear land; selected verse] Est' milaia strana; izbrannye stikhi. Moskva, Sovetskii pisatel', 1960. 190 p.

GIBB, HAMILTON ALEXANDER ROSSKEEN. [Arabic literature; the classic period] Arabskaia literatura; klassicheskii period. Moskva, Izd-vo vostochnoi lit-ry, 1960. 185 p. (MH)

GLEBOV, A. G. [Consultation; a play in one act] Konsul'tatsiia, p'esa v odnom akte. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 25 p. (Biblioteka khudozhestvennoi samodeiatel'nosti, no. 4)

GOGOL', N. V. [Evenings on a farm near Dikanka] Vechera na khutore bliz Dikan'ki. [Moskva] Gos. izd-vo khudozh. lit-ry, [1960] 270 p.

GOGOL', N. V. [The memoirs of a madman] Zapiski sumasshedshego. Moskva, Gos. izd-vo khudozh. lit-ry, 1960. 54 p.

GOR'KII, MAKSIM. [Collected works in eighteen volumes] Sobranie sochinenii v vosemnadtsati tomakh. Moskva, Gos. izd-vo khudozh. lit-ry.
Vol. 5. [Works of 1907-1909] Proizvedeniia 1907-1909. 1961. 421 p.

GORSHKOVA, O. V., and T. A. KHMELEVSKAIA. [Collection of exercises in Old Church Slavic] Sbornik uprazhnenii po staroslovianskomu iazyku. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 170 p.

[THE GREAT BARD IN THE MEMORY OF THE PEOPLE; collection of statements on T. H. Shevchenko] Velykyi kobzar v pamiati narodnii; zbirnyk vyslovliuvan' pro T. H. Shevchenka. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1961. 177 p.

GREBNEV, G. N. [Lost treasure, The other world; tales] Propavshee sokrovishche; Mir inoi; povesti. Moskva, Gos. izd-vo detskoi lit-ry M-va prosv. RSFSR, 1961. 254 p. (Biblioteka prikliuchenii i nauchnoi fantastiki)

GUSEV, A. A. [Crimson epaulet; a novel] Malinovyi prosvet, roman. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 315 p.

HOV'IADOVS'KA, N. O. [Primer] Bukvar. Vyd. 2., perer. Kyiv, "Radians'ka shkola," 1957. 91 p. (InU)

HUSAIN, S. I. [History of Urdu literature. Translated from the Hindi] Istoriia literatury urdu. Moskva, Izd-vo vostochnoi lit-ry, 1961. 258 p.

IAVORSKII, G. I. [Pushkin, the historian; Russian history in the works of A. S. Pushkin] Pushkin istorik; otechestvennaia istoriia v proizvedeniiakh A. S. Pushkina. Abakan, Khakasskoe knizhnoe izd-vo, 1959. 35 p. (K 160-letiiu so dnia rozhdeniia A. S. Pushkina) (MH)

IBATOV, S. I., comp. [Mari proverbs, sayings, and riddles] Marliskie poslovitsy, pogovorki, zagadki. Ioshkar-Ola, Marliskoe knizhnoe izd-vo, 1960. 182 p.

ILARION, Metropolitan of Winnipeg and All Canada. [Accentuation in the Ukrainian literary language, a linguistic study] Ukraïns'kyi literaturnyi naholos, movoznavcha monografiia. Winnipeg, 1952. 304 p. (Vydavnytstvo "Nasha kul'tura, pt. 15)

ILARION, Metropolitan of Winnipeg and All Canada. [Birth of a man, Passion play in five acts] Narodzhennia liudyny; filosofs'ka mistereiia v p'iati diiakh. [Winnipeg] Mytropolytal'nyi Sobor u Vinnipegu, 1948. 122 p. (Vydavnytstvo "Nasha kul'tura," pt. 10)

ILARION, Metropolitan of Winnipeg and All Canada. [The lay of the host of Igor] Slovo pro Ihoriv pokhid. Winnipeg, 1949. (Vydavnytstvo "Nasha kul'tura," pt. 11)

ILARION, Metropolitan of Winnipeg and All Canada. [Prometheus; twilight of the Greek gods. A poem] Prometei; smerk grets'kykh bohiv. Poema. [Winnipeg] Mytropolytal'nyi sobor u Vinnipegu, 1948. 68 p. (Vydavnytstvo "Nasha kul'tura," pt. 9)

ILARION, Metropolitan of Winnipeg and All Canada. [Tumy; a poem] Tumy, poema. Paris, 1947. 14 p. (Vydavnytstvo "Nasha kul'tura," pt. 4)

ILARION, Metropolitan of Winnipeg and All Canada. [Ukrainian literary language] Ukraïns'ka literaturna mova. Saskatoon, Canada, The Gospel Press.
Vol. 1. [Grammatical basis of the literary language] Gramatychni osnovy literaturnoi movy. 1951. 347 p.

KAGAN, N. P. [A physician's tales] Rasskazy vracha. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1959. 31 p. (Nauchno-populiarnaia meditsinskaia literatura)

KARPOV, EVGENII. [Fallen banks; a tale] Sdvinutye berega; povest'. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 78 p. (Romangazeta, no. 9(237)

KATARSKII, I. M. [Dickens; an account of his life and works] Dikkens, kritiko-biograficheskii ocherk. Moskva, Goslitizdat, 1960. 270 p. (MH)

KAVERIN, V. A. [Unknown friend; a tale] Neizvestnyi drug, povest'. Moskva, Sovetskii pisatel', 1960. 247 p.

KAZANTSEV, A. P. [Moon road; science fiction] Lunnaia doroga; nauchno-fantasticheskaia povest'. Moskva, Gos. izd-vo geogr. lit-ry, 1960. 167 p. (Puteshestviia, prikliuchenila, fantastika)

KAZARIAN, S. K. [The Middle Armenian language] Srednearmianskii iazyk. Erevan, Izd-vo Akad. nauk Armianskoi SSR. In-t iazyka. [In Armenian.]
Book 1. 1960. 302 p.

KERDZEVADZE, V. S. [The philosophy of Shota Rustaveli. Voprosy mirovozrenila Shota Rustaveli. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1960] 205 p. [In Georgian.]

KHOLOPOV, GEORGII. [True stories of war] Nevydumannye rasskazy o voine. Leningrad, Sovetskii pisatel', 1960. 231 p.

[THE KIRGHIZ HEROIC EPIC, "MANAS"] Kirgizskii geroicheskii epos Manas. Moskva, Izd-vo Akad. nauk SSSR, 1961. 376 p. (Voprosy izuchenila eposa narodov SSSR)

KOMYSHANCHENKO, M.P. [Literary and critical writings of the immortal bard] Literaturno-krytychne slovo bezsmertnoho kobzaria. Kyiv, 1961. 41 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser.8, no.2)

KONONYKHIN, N.M. [The party and the Soviet press during the period of the Great Patriotic War] Partiinaia i sovetskaia pechat' v period Velikoi Otechestvennoi voiny. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 101 p.

KOVALEVSKII, VIACHESLAV. [Do not fear death, a tale] Ne boisia smerti, povest'. Moskva, "Sovetskii pisatel'," 1961. 314 p.

KRATT, I.F. [The Rose Colony, a novel] Kolonita Rosa, roman. Vladivostok, Primorskoe knizhnoe izd-vo, 1960. 558 p.

KRIVOSHEINKO, L.S. [Bronze clouds] Bronzovye oblaka. [Stalingrad] Stalingradskoe knizhnoe izd-vo, 1960. 66 p.
(MH)

KURAPOV, N.K. [Lessons on style, based on work practices] Zaniatiia po stilistike, iz opyta raboty. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 72 p. (Iz opyta uchitelia)

KUVSHINOV, I.I. [If a man errs..., a tale] Esli chelovek oshibsia...; povest'. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 203 p.

LAPTEV, IU.G. [There is such a small town; stories] Est' takoi gorodok, rasskazy. Moskva, Izd-vo "Pravda," 1961. 46 p. (Biblioteka "Ogonek," no.17)

LARNI, MARTTI. [The attractive pig tender or authentic and impartial recollections written by Minna Karlsson-Kananen, an economic adviser. Translated from the Finnish] Prekrasnaia svinarka ili nepoddel'nye i neiskazhennye vospominaniia ekonomicheskoi sovetnitsy Minny Karlsson-Kananen, eiu samoi napisannye. Moskva, Izd-vo inostr.lit-ry, 1961. 213 p.

LAXNESS, HALLDÓR KILJAN. [Self-dependent people, a heroic saga. Translated from the Icelandic] Samostoiatel'nye liudi; geroicheskaia saga. Moskva, Gos.izd-vo khudozh.lit-ry, 1960. 600 p.

LEONOV, L.M. [Collected works in nine volumes] Sobranie sochinenii v deviati tomakh. Moskva, Gos. izd-vo khudozh.lit-ry.
Vol.4. [Sot', a novel. The locust, a tale] Sot'; roman. Sarancha; povest'. 1961. 302 p.

LEONOV, LEONID. [The theater; dramatic works, articles, and speeches. In two volumes] Teatr; dramaticheskie proizvedeniia, stat'i, rechi. V dvukh tomakh. Moskva, Gos.izd-vo "Iskusstvo."
Vol.1. 1960. 480 p.

[LITERATURE AND CONTEMPORANEITY, articles written during 1959 and 1960] Literatura i sovremennost'; stat'i 1959-1960 godov. Moskva, Gos.izd-vo khudozh.lit-ry, 1960. 503 p.

LONDON, JACK. [Collected works in 14 volumes] Sobranie sochinenii v chetyrnadtsati tomakh. Moskva, Biblioteka "Ogonek," Izd-vo "Pravda."
Vol.3 1961. 461 p.
Vol.4 1961 477 p.
vol.6. 1961. 629 p.
vol.7. 1961 439 p.
vol.8. 1961 461 p.

LUFERAU, M.P. [The prose of Kuz'ma Chorny] Proza Kuz'my Chornaha. Minsk, Vyd-va AN BSSR, 1961. 157 p.

MARKOVA, S.D. [The poetic works of Kuo Mo-jo] Poeticheskoe tvorchestvo Go Mo-zho. Moskva, Izd-vo vostochnoi lit-ry, 1961, 96 p.

MIKSON, O.K. [The international significance of the works of L.N. Tolstoi] Svitove znachennia tvorchosti L.M. Tolstoho. Kyiv, 1961. 37 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser.8, no.1)

MOREN, M.K., and N.N. TETEREVNIKOVA. [Stylistics of modern French] Stilistika sovremennogo frantsuzskogo iazyka. Moskva, Izd-vo lit-ry na inostr. iazykakh, 1960. 298 p.

MOSCOW. UNIVERSITET. Kafedra russkogo iazyka. [Etymological studies in the Russian language] Etimologicheskie issledovaniia po russkomu iazyku. [Moskva] Izd-vo Mosk. univ.
Vol.1. 1960.
(MH)

MUNGONOV, BARADII. [Our turbulent Khilok River. Translated from the Buryat] Khilok nash burlivyi. Moskva, Gos.izd-vo khudozh. lit-ry, 1961, 109 p. (Roman-gazeta, no.10(238))

NAGIBIN, IU.M. [Before a holiday, stories and a tale] Pered prazdnikom, rasskazy i povest'. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1960. 317 p.

NAUMOV, E.I. [Sergei Esenin, his life and works] Sergei Esenin, zhizn' i tvorchestvo. Leningrad, Gos. uchebno-pedagog. izd-vo M-va prosv., RSFSR, Leningr.otd-nie, 1960. 287 p.

NIKITIN, P.A. [In our time..., sketches] V nashi dni...; ocherki. Moskva, Izd-vo "Pravda," 1961. 30 p. (Biblioteka "Ogonek," no.21)

NIKITIN, S.K. [Autumn, autumn..., stories] Osen', osen'...; rasskazy. Moskva, Izd-vo "Pravda," 1961. 46 p. (Biblioteka "Ogonek," no.19)

NIKULIN, L.V. [Moscow dawns; a novel in two books] Moskovskie zori, roman v dvukh knigakh. Moskva, Gos. izd-vo khudozh. lit-ry.
Book.1. 1960. 621 p.

OSIPOVA, L.T. [Obvious slavery and secret freedom; remarks on Soviet literature] IAvnoe rabstva i tainaia svoboda, zametki o sovetskoi literature. Munich, Izd-vo TSentral'nogo ob"edinenila polit. emigrantov iz SSSR, 1960. 240 p.
(NN)

OSMANOVA, Z.G. [M. Gor'kii and the literature of Iran] M. Gor'kii i literatura Irana. Moskva, Izd-vo vostochnoi lit-ry, 1961. 127 p.

OSMANOVA, Z.G. [Mirzo Tursun-zade; a sketch of his works] Mirzo Tursun-zade; ocherk tvorchestva. Moskva, Izd-vo "Znanie," 1961. 29 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser.6, Literatura i iskusstvo, no.8)

OSPOVAT, L.S. [Latin America speaks; on the contemporary Latin-American novel] Govorit Latinskaia Amerika, o sovremennom latinoamerikanskom romane. Moskva, Izd-vo "Znanie," 1961. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh' znanii. Ser.6, Literatura i iskusstvo, no.9)

PANEIKO, OLEKSANDER. [Ukrainian stenography] Ukrains'ka stenohrafiia. New York, 1961. 93 p.

PAPAIAN, ARAM, and ASHOT, ARAM. [Big wedding] Bol'shaia svad'ba. Erevan, Armianskoe gos.izd-vo, 1960. 114 p. [In Armenian]
(MH)

PAVLYCHKO, D.V. [Rapids; verse] Bystrina; stikhi. [Moskva] Molodaia gvardiia, 1960. 95 p.
(MH)

PETROV, P.P. [Borel', Gold] Borel', Zoloto. [Novosibirsk, Novosibirskoe knizhnoe izd-vo] 1960. 417 p. (Biblioteka sibirskogo romana, no.8)
(MH)

POLIAKOV, M.IA. [Vissarion Belinskii; his personality, ideas, and times] Vissarion Belinskii; lichnost'-idei - epokha. Moskva, Gos.izd-vo khudozh.lit-ry, 1960. 597 p.

POLUPUDNEV, V.M. [On the Pontus Euxinus, a historical novel in two volumes] U Ponta Evksinskogo; istoricheskii roman v dvukh tomakh. Moskva, Sovetskii pisatel'.
Vol.1. [Great Scythia] Velikaia Skifiia. 1961. 678 p.

PROSKURIN, P.L. [Deep wounds; a novel] Glubokie rany; roman. [Khabarovsk] Khabarovskoe knizhnoe izd-vo, 1960. 415 p.
(MH)

RIABOV, I.A. [Voices of life] Golosa zhizni. Moskva, Pravda, 1960. 626 p.
(MH)

ROCHEV, IA.M. [Two friends; a novel. Translated from the Komi] Dva druga; roman. Moskva, Sovetskii pisatel', 1960. 447 p.
(MH)

ROUSSEAU, JEAN JACQUES. [Selected works in three volumes. Translated from the French] Izbrannye sochineniia v trekh tomakh. Moskva, Gos.izd-vo khudozh.lit-ry.
Vol.1. 1961. 850 p.
Vol.3. 1961. 724 p.

[RUSSIAN VERSE PARODIES; from the 18th to the beginning of the 20th century] Russkaia stikhotvo parodiia, XVIII-nachalo XX v. Leningrad, Sovet pisatel'. 1960. 853 p. (Biblioteka poeta osnova M. Gor'kim. Bol'shaia seriia. Izd.2.)

RYL'S'KYI, MAKSYM. [Distant horizons, verse] Daleki neboskhyly; poezii. Kyiv, Radians'kyi pys'mennyk, 1959. 118 p.
(InU)

SEITLIEV, KARA. [Flowers of India, verse. Trans from the Turkmen] TSvety Indii, stikhi. Moskva Sovetskii pisatel', 1960. 59 p.

SEMUSHKIN, TIKHON. [Alitet goes to the mounta novel] Alitet ukhodit v gory; roman. Moskva, Sovetskii pisatel', 1960. 510 p.
(NN)

SEVAK, PARUIR. [Man in the palm of your hand, Translated from the Armenian] Chelovek na ladoni stikhi. Moskva, Sovetskii pisatel', 1960. 122
(MH)

SHUTOV, IVAN NIKITICH. [Before the harvest, a novel] Pered zhatvoi, roman. [Khar'kov] Khar skoe knizhnoe izd-vo, 1960. 345 p.
(MH)

SHVETZ, VASYL'. [Bayonet into the earth] Bain zemliu! [Kyiv, Radians'kyi pys'mennyk, 1960] 162 p.
(NN)

[SIBERIAN CHASTUSHKI] Sibirskie chastushki. [Omskoe knizhnoe izd-vo, 1959. 100 p.

SMIRNOVA, M., and M. KRAINDEL'. [Four under roof, a comedy in three acts] Chetvero pod odno kryshei, komediia v trekh deistviiakh. Leningra Gos. izd-vo "Iskusstvo," 1960. 101 p.

SOFRONOV, A.V. [A man on the retired list, a pl in four acts] Chelovek v otstavke, drama v chet deistviiakh. Moskva, Gos.izd-vo "Iskusstvo," 102 p.
(WaU)

SOSIURA, V.M. [Close distances; verse] Blyz'ka poezii. Kyiv, Radians'kyi pys'mennyk, 1960. (Dekada ukrains'koi literatury ta mystetstva)
(NNC)

STARETS, S.M., and E.N. FEERSHTEIN, comps. [Portuguese-Russian dictionary] Portugal'sko-russkii slovar'. Pod red. S. Brandao i A. Torre Okolo 40 000 slov. Moskva, Gos.izd-vo inostr. natsional'nykh slovarei, 1961. 947 p.
[MICROFILM]

STEFANT'SEV, M.P. [Orthographic dictionary; a manual for students in elementary schools] O grafichnyi slovnyk; posibnyk dlia uchniv pochat shkoly. Kyiv, "Radians'ka shkola," 1958. 80
(InU)

STEPANOV, A.N. [The Zvonarev family, a novel Sem'ia Zvonarevykh, roman. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 526 p.

[STUDY OF VERSIFICATION IN THE SCHOOL] Izu stikhoslozhenila v shkole; sbornik statei pod red Timofeeva. Moskva, Gos. uchebno-pedagog. izd M-va prosv. RSFSR, 1960. 216 p.

SUKHOV, N.V. [A Cossack woman, a novel] Kazac roman. Moskva, Gos. izd-vo khudozh. lit-ry, 1 542 p.

SVEN, VIKTOR. [Whose friend and whose enemy Mikhail Zoshchenko?] Chei drug i chei vrag M Zoshchenko? Miunkhen, Izd. TsOPE, 1958.
(MH)

TERNIK, E.M. [At the hunt; selections] Na okho izbrannoe. Moskva, Gos.izd-vo "Fizkul'tura sport," 1960. 229 p.

TOLSTOI, L.N. [Complete collected works] Polno sobranie sochinenii. Moskva, Gos.izd-vo khudo lit-ry.
Vol.39. [Series 1. Works] Seriia pervaia. P denila. 1956. 250 p.
Vol.40. [Series 1. Works] Seriia pervaia. P denila. 1956. 539 p.

TRIFONOV, D.N. [Journey into the country of R (radioactive isotopes)] Puteshestvie v stranu I [Moskva] Izd-vo TsK VLKSM "Molodai gvardi 1960. 108 p.

TSIURUPA, E.IA. [Do you hear me? a tale] Ty slyshish menia? povest'. Moskva, Sovetskii pisatel', 1960. 317 p.

TVARDOVSKII, A.T. [Collected works in four volumes] Sobranie sochinenii v chetyrekh tomakh. Moskva, Gos. izd-vo khudozh. lit-ry.
Vol. 4. [Sketches, stories, and articles] Ocherki, rasskazy, stat'i. 1960 494 p.

UKRAINETS', IVAN. [For the Ukraine, a drama in three acts] Za Ukrainu, drama na try dii. Winnipeg, 1951. 68 p. (Vydavnytstvo "Nasha kul'tura," pt. 13)

UL'IANINSKII, A.V. [I and we; a play in one act] IA i my, p'esa v odnom deistvii. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 31 p.

USPENSKII, V.D. [The detachment "Vympel", a tale] Otriad "Vympel,", povest'. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1960 59 p.

VAKSBERG, A.I., and I.A. GRINGOL'TS. [The author in motion pictures] Avtor v kino Moskva, Gos. izd-vo "Iskusstvo," 1961. 233 p.

VASIL'EV, I.I. [New Year's Eve, a play in two acts] Novogodnii vecher; p'esa v 2-kh aktakh. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 42 p. (Bibliotechka "Khudozhestvennaia samodeiatel'nost'")

VAVILIN, M.D. [Sigudek's songs. Translated from the Komi] Pesni Sigudeka. [Moskva] Molodaia gvardiia, 1959. 38 p.
(MH)

12. GEOGRAPHY & GEOLOGY

AKADEMIIA NAUK SSSR. Biblioteka. [Index of articles to the second series of the "Zapiski" of the All-Union Mineralogical Society, issued from 1912 to 1957] Ukazatel' statei ko vtoroi serii "Zapisok Vsesoiuznogo mineralogicheskogo obshchestva," izdannykh s 1912 po 1957 god. Sost. L.G. Gerts. Pod red. S.P. Solov'eva. Leningrad, 1960. 139 p.

AKADEMIIA NAUK SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. [Principles of the geological mapping of intrusive and extrusive formations as exemplified by petrographic studies in Kazakhstan, Transbaikalia, the Northern Caucasus, and Maritime Province] Printsipy geologicheskogo kartirovaniia intruzivnykh i effuzivnykh formatsii na primere petrograficheskikh issledovanii Severnogo Kavkaza, Kazakhstana, Zabaikal'ia i Primor'ia. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1960. 341 p.

AKADEMIIA NAUK SSSR. Institut merzlotovedeniia. [Field studies of permafrost, methodological manual] Polevye geokriologicheskie (merzlotnye) issledovaniia; metodicheskoe rukovodstvo. Moskva, Izd-vo Akad. nauk SSSR, 1961. 422 p.

AKADEMIIA NAUK SSSR. Institut merzlotovedeniia. [Heat exchange and mass transfer in frozen soils and rocks] Teplo- i massoobmen v merzlykh pochvakh i gornykh porodakh. Moskva, 1961. 110 p.

AKADEMIIA NAUK SSSR. Institut merzlotovedeniia. [Physical and chemical processes in freezing and frozen rocks] Fiziko-khimicheskie protsessy v promerzaiushchikh i merzlykh gornykh porodakh. Moskva, 1961. 110 p.

[ALMA-ATA AND ITS VICINITY] Alma-Ata i ego okrestnosti. [Alma-Ata, 1960] 29 p.

AL'TER, S.Z. [Donets Basin, tourist's guide] Donbass; sputnik turista. [Stalino] Knizhnoe izd-vo Stalino-Donbass, 1960. 250 p.

BLAZEK, MIROSLAV. [Economic geography of Czechoslovakia. Translated from the Czechoslovakian] Ekonomicheskaia geografiia Chekhoslovakii. Vstup. stat'ia i red. I.M. Maergoiza. Moskva, Izd-vo inostr. lit-ry, 1960 476 p.

DOLGUSHIN, I.IU. [Geomorphology of the western part of the Aldan Plateau] Geomorfologiia zapadnoi chasti Aldanskogo nagor'ia. Moskva, Izd-vo Akad. nauk SSSR, 1961. 206 p.

FILATOV, K.V. [Features of the chemical composition of the underground waters of the Altai Territory and their relation to the surface waters] Osobennosti khimicheskogo sostava podzemnykh vod Altaiskogo kraia i ikh sviaz' s poverkhnostnymi vodami. Moskva, Izd-vo Akad. nauk SSSR, 1961. 48 p.

FRADKIN, N.G. [History of research on the physical geography of the U.S.S.R., 1917-1927] Ocherki po istorii fiziko-geograficheskikh issledovanii territorii SSSR, 1917-1927 gg. Moskva, Izd-vo Akad. nauk SSSR, 1961. 245 p.

[GEOGRAPHY OF THE KIRGHIZ S.S.R.; textbook for the secondary school] Geografiia Kirgizskoi SSR; uchebnoe posobie dlia srednei shkoly. Frunze, Kirgizskoe gos. uchebno-pedagog. izd-vo, 1959. 257 p.
[MICROFILM]

GVOZDETSKII, N.A., and T.V. ZVONKOVA. [Physical geography and its relation to the national economy] Fizicheskaia geografiia i ee sviaz' s narodnym khoziaistvom. Moskva, Izd-vo "Znanie," 1961. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 12, Geologiia i geografiia, no. 8)
[MICROFILM]

IAKUSHOVA, A.F. [Formation and disintegration of mountains] Obrazovanie i razrushenie gor. Moskva, Izd-vo "Znanie," 1961. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 12, Geologiia i geografiia, no. 9)
[MICROFILM]

KHODAK, IU.A. [Petrographic and mineralogic characteristics of lower Cambrian sediments in Aldan District] Petrografo-mineralogicheskaia kharakteristika nizhnekembriiskikh otlozhenii Aldanskogo raiona. [Moskva] Izd-vo Akad. nauk SSSR, [1960] 116 p.

KREMNEVA, A.M. [Cartographic drawing] Kartograficheskoe cherchenie. Moskva, Izd-vo geodez. lit-ry, 1960. 163 p. plates.

LI SSU-KUANG, and others. [Vertical and other rotary structures and the relationship between tectonic systems. Translated from the Chinese] Vikhrevye i drugie struktury vrashchenila i problemy sochetaniia tektonicheskikh sistem. Pod red. V.N. Pavlinova. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1960. 118 p.

MAGNITSKII, V.A. [Internal structure of the earth] Vnutrennee stroenie Zemli. Moskva, Izd-vo "Znanie," 1961. 38 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 12, Geologiia i geografiia, no. 7)
[MICROFILM]

MEL'NYK, IU.M. [Mineralogy of the weathered surface in western Volhynia] Do mineralogii kory vyvitriuvannia Zakhidnoi Volyni [L'viv] Vyd-vo L'vivs'koho univ., 1960 79 p. [In Ukrainian with summary in English]

PROTOD'IAKONOV, M.M. [Determining the maximum runoff of surface waters from small watersheds] Opredelenie maksimal'nogo stoka poverkhnostnykh vod s malykh vodosborov. Leningrad, Gidrometeor. izd-vo, 1960. 169 p.

[ROAD ATLAS OF THE U.S.S.R.] Atlas avtomobil'nykh dorog SSSR. Izd. 4. Moskva, Glav. upr. geodezii i kartografii MG i ON SSSR, 1961. 130 p.
[MICROFILM]

ROGOZIN, I.S. [Controlling landslides at Ul'yanovsk] Opolzni Ul'ianovska i opyt bor'by s nimi. Moskva, Izd-vo Akad. nauk SSSR, 1961. 145 p. plates.

[SEVASTOPOL; album] Sevastopol'; al'bom. Simferopol', Krymizdat, 1960. 1 v.

SHAPILOVA, G.A. [Lithology and conditions of formation of the Balakhonka series in the Krapivino area of the Kuznets Basin] Litologiia i usloviia obrazovaniia balakhonskoi svity Krapivinskogo raiona Kuzbassa. Moskva, Izd-vo Akad. nauk SSSR, 1961. 105 p.

SOLOVEI, DM. [Poltava Gravimetric Observatory in the system of the imperialistic russification drive against Ukrainian Science conducted by the Central Committee of the CPSU] Poltavs'ka gravimetrychna observatoriia v systemi imperialistychnoho rusifikatsiinoho nastupu TsK KPSS na ukrains'ku nauku (vidbytka z tyzhnevyka "Ukrains'ki visti," no. 43 za 1960 r.) Novyi Ul'm, Zakh. Nimechchina, 1960. 15 p.

VSESOIUZNOE MEZHDUVEDOMSTVENNOE SOVESHCHANIE PO IZUCHENIIU CHETVERTICHNOGO PERIODA. Moscow, 1957. [Materials from the All-Union Interdepartmental Conference on the Study of the Quaternary Period] Materialy.... Moskva, Izd-vo Akad. nauk SSSR.
Vol. 1. [General questions in the study of the Quaternary period. History of Quaternary flora, fauna, and fossil man] Obshchie voprosy izucheniia chetvertichnogo perioda. Istoriia chetvertichnoi flory, fauna i iskopaemogo cheloveka. 1961. 495 p.
Vol. 2. [Quaternary sediments in the European part of the U.S.S.R.] Chetvertichnye otlozheniia Evropeiskoi chasti SSSR. 1961. 502 p.

13. SCIENCE

AKADEMIIA MEDITSINSKIKH NAUK SSSR, Moscow. Institut eksperimental'noi biologii. [Problems in reparative and physiological regeneration] Voprosy reparativnoi i fiziologicheskoi regeneratsii. Pod obshchei red. I.N. Maiskogo i L.D. Lioznera. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 226 p.

AKADEMIIA MEDITSINSKIKH NAUK SSSR, Moscow. Institut eksperimental'noi meditsiny. [Transactions of the Institute for Experimental Medicine. Investigations in the evolution of nervous activity] Issledovaniia po evoliutsii nervnoi deiatel'nosti; trudy. Pod red. D.A. Biriukova. Leningrad, 1959. 232 p.

AKADEMIIA NAUK KIRGIZSKOI SSR. Institut botaniki. [Trees and shrubs of the populated areas of Kirghizistan, a popular guide] Derev'ia i kustarniki naselennykh punktov Kirgizii; populiarnyi opredelitel'. Sost. E.V. Nikitina i dr. Frunze, 1960. 249 p.

AKADEMIIA NAUK SSSR. Mezhduvedomstvennyi komitet po provedeniiu Mezhdunarodnogo geofizicheskogo goda. [Spectral, electrophotometrical and radar research of aurorae and night airglow; collected articles. Section 4 of the program of the International Geophysical Year (aurorae and night airglow)] Spektral'nye elektrofotometricheskie i radiolokatsionnye issledovaniia polliarnykh sianii i svechenila nochnogo neba; sbornik statei. IV razdel programmy MGG (polliarnye sianiia i svechenie nochnogo neba). Moskva, [In Russian with summaries in English.]
No. 5. 1961. 58 p.

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Institut fizicheskogo vospitaniia i shkol'noi gigieny. [Functional capacity of young cyclists] Funktsional'nye vozmozhnosti iunykh velosipedistov. Pod red. A.A. Markosiana. Moskva, 1960. 70 p.

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Institut obshchego i politekhnicheskogo obrazovaniia. [Teaching biology according to the new program in the eight-year school] O prepodavanii biologii v vos'miletnei shkole po novoi programme. Pod red. M.I. Mel'nikova. Moskva, 1961. 159 p.

AMBARTSUMIAN, S.A. [Theory of anisotropic shells] Teoriia anizotropnykh obolochek. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 384 p.

BARI, N.K. [Trigonometric series] Trigonometricheskie riady. Pri red. uchastii P.L. Ul'ianova. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 936 p.

BERG, L.S. [Selected works] Izbrannye trudy. Moskva, Izd-vo Akad. nauk SSSR,
Vol. 4. [Ichthyology] Ikhtiologiia. 1961. 746 p.

BRODSKII, A.S., and V.L. KAN. [Brief manual on mathematical processing of measurement results] Kratkii spravochnik po matematicheskoi obrabotke rezul'tatov izmerenii. Moskva, Gos. izd-vo standartov, Moskva, 1960. 167 p.

BUTLEROV, A.M. [Scientific and educational activities; collection of documents] Nauchnaia i pedagogicheskaia deiatel'nost'; sbornik dokumentov. Moskva, Izd-vo Akad. nauk SSSR, 1961. 416 p.

[DEFORMATION OF ATOMIC NUCLEI, generalized nucleus model and the Coulomb excitation method. Articles translated from the English. Preface by L.A. Sliv] Deformatsiia atomnykh iader; obobshchennaia model' iadra i metod kulonovskogo vozbuzhdeniia. Sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1958. 383 p. (Problemy fiziki)

DORF, P. IA. [Visual aids in mathematics and methods for their use in secondary schools] Nagliadnye posobiia po matematike i metodika ikh primeneniia v srednei shkole. Izd 2., peter. i dop. Posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 333 p.

DUAN' I-SHI. [General covariant formulation of the field theory and the general conservation laws] Obshchekovariantnaia formulirovka teorii polei i obshchie zakony sokhraneniia. [Dubna] Ob"edinennyi in-t iadernykh issl. lab. teoret. fiziki, 1957. 11 p.

DUBROVITSKAIA, N. I. [Regeneration and age changes in plants] Regeneratsiia i vozrastnaia izmenchivost' rastenii. Moskva, Izd-vo Akad. nauk SSSR, Glav. botanicheskii sad, 1961. 229 p.

DZHAPARIDZE, N. I. [Xodid ticks of Georgia] Iksodovye kleshchi Gruzii. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1960. 295 p.

ENOKHOVICH, A. S. [Teaching physics in the eight-year school] O prepodavanii fiziki v vos'miletnei shkole. Pod red. L. I. Roznikova. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 190 p.

FADDEEV, D. K., and I. S. SOMINSKII. [Algebra for self-instruction] Algebra dlia samoobrazovaniia. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1960. 529 p.

GAMBARIAN, P. P. [Adaptive characteristics of motor organs in burrowing mammals] Prisposobitel'nye osobennosti organov dvizheniia roiushchikh mlekopitaiushchikh. Erevan, Izd-vo Akad. nauk Armianskoi SSR, 1960. 194 p.

GINETSINSKII, A. G. [Evolution of function and functional evolution] Ob evoliutsii funktsii i funktsional'noi evoliutsii. Moskva, Izd-vo Akad. nauk SSSR, 1961. 29 p.

GO TSI-DI. [Investigation of the cross sections of (γp) reactions on medium nuclei; author's abstract of his dissertation for the degree of candidate of the physical and mathematical sciences] Issledovanie sechenii *(γ, p) reaktsii na srednikh iadrakh, avtoreferat* dissertatsii, predstavlennoi na soiskanie uchenoi stepeni kandidata fiziko-matematicheskikh nauk. Nauchnye rukovoditeli – V. I. Gol'danskii, B. S. Ratner. Moskva, Akad. nauk SSSR, Fizicheskii in-t im. P. N. Lebedeva, 1960. 7 p.

GRIGOR'IAN, A. T. [Mikhail Vasil'evich Ostrogradskii] Mikhail Vasil'evich Ostrogradskii. Moskva, Izd-vo Akad. nauk SSSR, 1961. 89 p. (Nauchno-populiarnaia serila)

IZHEVSKII, G. K. [Oceanological principles relating to the fishery productivity of seas] Okeanologicheskie osnovy formirovaniia promyslovoi produktivnosti morei. Moskva, Pishchepromizdat, 1961. 215 p.

KUZNETSOV, D. S. [Hydrodynamics] Gidrodinamika. Pod red. V. V. Golubeva. Leningrad, Gidrometeor. izd-vo, 1951. 300 p.

LEVIN, L. M. [Research on the physics of coarsely dispersed aerosols] Issledovaniia po fizike grubodispersnykh aerozolei. Moskva, Izd-vo Akad. nauk SSSR, 1961. 266 p.

MIKULINSKII, S. R. [Development of general biological problems in Russia; first half of the 19th century] Razvitie obshchikh problem biologii v Rossii, pervaia polovina XIX veka. Moskva, Izd-vo Akad. nauk SSSR, 1961. 228 p.

MINSK. UNIVERSITET. [Darwinism and genetics] Darvinizm i genetika. Minsk.
Vol. 2. 1959. 220 p.

MISHUSTIN, E. N., and L. A. TRISVIATSKII. [Microbiology of grain and flour] Mikrobiologiia zerna i muki. Moskva, Izd-vo tekhn. i ekon. lit-ry po voprosam khleboproduktov, 1960. 406 p.

MOSCOW. UNIVERSITET. [History and methodology of the natural sciences] Istoriia i metodologiia estestvennykh nauk. [Moskva].
No. 1. [Physics] Fizika. 1960. 221 p.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT MORSKOGO RYBNOGO KHOZIAISTVA I OKEANOGRAFII. [Problems concerning the fishery productivity of seas.] Voprosy promyslovoi produktivnosti morei. Moskva, 1960. 55 p.

NUUTJUIU. [Lobachevski's geometry treated analytically] Geometriia Lobachevskogo v analiticheskom izlozhenii. Moskva, Izd-vo Akad. nauk SSSR, 1961. 309 p.

OPARIN, A. I. [Origin of life on earth; album] Vozniknovenie zhizni na Zemle, al'bom. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 17 *plates.*
——— ——— [Instructions for using the album] Metodicheskie ukazaniia k al'bomu. 26 p.

PEDIATRICHESKII MEDITSINSKII INSTITUT. [Problems in the general and age-related physiology of the nervous system] Voprosy obshchei i vozrastnoi fiziologii nervnoi sistemy. Pod red. D. G. Kvasova. Leningrad, 1960. 200 p.

PERFIL'EV, B. V., and D. R. GABE. [Capillary methods of studying micro-organisms] Kapilliarnye metody izucheniia mikroorganizmov. Moskva, Izd-vo Akad. nauk SSSR, 1961. 534 p.

PETROV, A. D., and others. [Synthesis of organosilicon monomers] Sintez kremniiorganicheskikh monomerov. Moskva, Izd-vo Akad. nauk SSSR, 1961. 559 p.

PETRUN', N. M. [Gas exchange through the skin and its importance for the human organism] Gazoobmen cherez kozhu i ego znachenie dlia organizma cheloveka. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 176 p.

POGORELOV, A. V. [Elliptic type Monge--Ampere equations] Ob uravneniiakh Monzha - Ampera ellipticheskogo tipa. Khar'kov, Izd-vo Khar'kovskogo gos. univ. im. A. M. Gor'kogo, 1960. 110 p.

POGORELOV, A. V. [Theory of convex elastic shells in the post-critical stage] K teorii vypuklykh uprugikh obolochek v zakriticheskoi stadii. Khar'kov, Izd-vo Khar'kovskogo gos. univ. im. A. M. Gor'kovo, 1960. 78 p.

PRAVDIN, F. N. [Darwinism; a book for teachers] Darvinizm; kniga dlia uchitelia. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 333 p.

RAGOZINA, M. N. [Development of the embryo of the domestic chicken in relation to the yolk and membranes of the egg with tables representing successive stages of development] Razvitie zarodysha domashnei kuritsy v ego sootnoshenii s zheltkom i obolochkami iaitsa, s tablitsami posledovatel'nykh stadii razvitia. Moskva, Izd-vo Akad. nauk SSSR, 1961. 143 p. plates.

RODIN, L. E. [Dynamics of desert flora, based on data of western Turkmenia] Dinamika rastitel'nosti pustyn', na primere zapadnoi Turkmenii. Moskva, Izd-vo Akad. nauk SSSR, 1961. 227 p.

RUDENKO, E. I., and P. R. TAUBE. [One hundred and one. . . .] Sto odin. . . . Astrakhan', Izd-vo gazety "Volga," 1958. 272 p.

SELIKHANOVICH, V. G. [Stanislav Danilovich Ryl'ke; military geodesist and astronomer] Stanislav Danilovich Ryl'ke; voennyi geodezist i astronom. Moskva, Izd-vo geodez. lit-ry, 1961. 78 p.

SHERVATOV, V. G. [Hyperbolic functions] Giperbolicheskie funktsii. Izd. 2. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1958. 54 p. (Populiarnye lektsii po matematike, 16)
(NIP)

SHIROKII, V. F. [New data in the development of I. P. Pavlov's teaching on the circuit-closing function of the brain and the problem of inhibition; speech to the assembly, October 20, 1959] Novye dannye v razvitii uchenila I. P. Pavlova o zamykatel'noi funktsii golovnogo mozga i problema tormozhenila, aktovaia rech' 20 oktiabria 1959 goda. Riazan', Riazanskii med. in-t im. akademika I. P. Pavlova, 1959. 41 p.

SKRIABINA, A. V. [My work with young naturalists] Moia rabota s iunnatami. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1960. 98 p.

SOCHI. NAUCHNO-ISSLEDOVATEL'SKAIA OPYTNAIA STANTSIIA SUBTROPICHESKOGO LESNOGO I LESOPARKOVOGO KHOZIAISTVA. [Sochi Arboretum; a guidebook.] Sochinskii dendrarii; putevoditel'. Moskva, Izd-vo M-va sel'khoz. SSSR, 1960. 78 p. [MICROFILM]

STEFANTSOV, B. D. [Influence of the sympathetic nervous system on function in a damaged central nervous system] Vliianie simpaticheskoi nervnoi sistemy na funktsional'noe sostoianie povrezhdennoi tsentral'noi nervnoi sistemy. Moskva, Izd-vo Akad. nauk SSSR, 1961. 102 p.

STREPIKHEEV, A. A., and V. A. DEREVITSKAIA. [Principles of the chemistry of macromolecular compounds] Osnovy khimii vysokomolekuliarnykh soedinenii. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1961. 364 p.

TARUSOV, B. N. [Essentials of biophysics and biophysical chemistry] Osnovy biofiziki i biofizicheskoi khimii. Moskva, Gos. izd-vo "Vysshaia shkola." Pt. 1. 1960. 222 p.

TELESNIN, R. V., and V. F. IAKOVLEV. [Course in physics, electricity] Kurs fiziki, elektrichestvo. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 455 p.

TROFIMOV, V. A. [Tobacco is the enemy of health] Tabak - vrag zdorov'ia. [Leningrad] Gos. izd-vo med. lit-ry Medgiz, Leningr. otd-nie, 1959. 36 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

TSINZERLING, E. V. [Artificial twinning of quartz] Iskusstvennoe dvoinikovanie kvartsa. Moskva, Izd-vo Akad. nauk SSSR, 1961. 159 p.

UL'IANISHCHEV, V. I. [Fungi of Azerbaijan] Mikoflora Azerbaidzhana. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR.
Vol. 3. [Rust fungi] Rzhavchinnye griby.
Pt. 1. 1960. 251 p.

VANAGAS, V. V., I. I. GLEMBOTSKII, and K. K. UŠPALIS. [Tables of radial integrals of the theory of atomic spectra] Tablitsy radial'nykh integralov teorii atomnykh spektrov. Pod red. A. P. IUtsisa. Moskva, Vychislitel'nyi tsentr Akad. nauk SSSR, 1960. 380 p.

VECHER, A. S. [Properties, composition, and structure of plant plastids] Plastidy rastenii, ikh svoistva, sostav i stroenie. Minsk, Izd-vo Akad. nauk BSSR, 1961. 191 p.

ZHURINA, M. I., and L. N. KARMAZINA. [Tables of the Legendre functions $P_{-\frac{1}{2}+i\tau}(x)$] Tablitsy funktsii Lezhandra $P_{-\frac{1}{2}+i\tau}(x)$. Moskva, Izd-vo Akad. nauk SSSR. (Matematicheskie tablitsy)
Vol. 1. 1960. 318 p.

14. MEDICINE

AKADEMIIA MEDITSINSKIKH NAUK SSSR, Moscow. [Problem of trauma, transactions of the 11th session of the General Meeting of the Academy of Medical Sciences of the U. S. S. R.] Problema travmy, trudy XI sessii obshchego sobraniia Akademii meditsinskikh nauk SSSR. Otv. red. I. V. Davydovskii. Red. vol. B. G. Egorov i dr. Moskva, Gos. izd-vo med. lit-ry, 1960. 175 p.
(DNLM)

AKADEMIIA MEDITSINSKIKH NAUK SSSR, Moscow. Institut psikhiatrii. [Initial stages in mental diseases, collection of articles read at a meeting of the Institute of Psychiatry of the Academy of Medical Sciences of the U. S. S. R., June 1959] Nachal'nye stadii psikhicheskikh zabolevanii, sbornik nauchnykh rabot, dolozhennykh na sessii Instituta psikhiatrii AMN SSSR v iiune 1959 g. Moskva, 1959. 86 p.
(DNLM)

AKADEMIIA MEDITSINSKIKH NAUK SSSR, Moscow. Institut tuberkuleza. IAkutskii filial. [Tuberculosis; manual for physicians] Tuberkulez, posobie dlia vrachei. IAkutsk, IAkutskoe knizhnoe izd-vo, 1959. 167 p.
(DNLM)

BLOSHANSKII, IU. M., and others. [Physiology and pathology of the menstrual function] Fiziologiia i patologiia menstrual'noi funktsii. Otv. red. K. N. Zhmakin. Moskva, Pervyi Mosk. med. in-t, 1960. 174 p.
(DNLM)

CHERIKOVSKAIA, T. IA., and N. N. PIGULEVSKAIA. [Concise methodological manual on biological standardization of cardiotonics and valerian] Kratkoe metodicheskoe posobie po biologicheskoi standartizatsii serdechnykh sredstv i valer'iany. Pod red. N. G. Poliakova. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 90 p.
(DNLM)

D'IACHENKO, V. A. [Radioscopic diagnosis of calcifications and heterogenic ossifications] Rentgenodiagnostika obyzvestvlenii i geterogennykh okostenenii. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 225 p.
(DNLM)

GEORGIEVSKAIA, L. M. [Regulation of gas exchange in chronic cardiac and ventilation insufficiency; transport of gases by the blood] Reguliatsiia gazoobmena pri khronicheskoi serdechnoi i ventiliatsionnoi nedostatochnosti; transport gazov krov'iu. [Leningrad] Gos. izd-vo med. lit-ry. Leningr. otd-nie, 1960. 223 p.
(DNLM)

GINZBURG, L.A. [Radiography of the kidneys and ureters] Rentgenoskopiia pochek i mochetochnikov. [Leningrad] Gos. izd-vo med. lit-ry Medgiz, Leningr. otd-nie, 1961. 95 p
(DNLM)

GORDOVA, T.N. [Clinical aspects and course of progressive paralysis treated with malaria] Klinika i techenie progressivnogo paralicha, lechennogo maliariei. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1959. 126 p.
(DNLM)

KHELIMSKII, M.A. [Recklinghausen's disease, parathyroid osteosis] Bolezn' Rekklingauzena; paratireoidnyi osteoz. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 94 p.
(DNLM)

KHOROSHIN, M.G. [Epidermophytosis of the feet] Epidermofitiia stop. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 30 p. (Nauchno-populiarnaia literatura)
(DNLM)

KUZNETSOV, V.A. [Method for the surgical treatment of prolapse of the rectum in adults] Metodika operativnogo lecheniia vypadeniia priamoi kishki u vzroslykh. [Leningrad] Gos. izd-vo med. lit-ry Medgiz, Leningr. otd-nie, 1960. 125 p. (Biblioteka prakticheskogo vracha)
(DNLM)

LENINGRAD. LENINGRADSKII NAUCHNO-ISSLEDOVATEL'SKII TUBERKULEZNYI INSTITUT. [Transactions of the Leningrad Tuberculosis Research Institute, problems in the clinical aspects of tuberculosis] Voprosy kliniki tuberkuleza; trudy Instituta. Leningrad, 1960. 272 p.
(DNLM)

LUBASHEVSKAIA, L.N. [Favus] Favus, ili parsha. [Voronezh] Voronezhskoe knizhnoe izd-vo, 1959. 14 p. (Sovety vracha)
(DNLM)

MOLCHANOV, V.I. [Diphtheria] Difteriia. Izd. 2., ispr. i dop. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 198 p.
(DNLM)

MOSCOW (Province) Oblastnoi nauchno-issledovatel'skii klinicheskii institut imeni M.F. Vladimirskogo. [Chronic tonsillitis in children] Khronicheskii tonzillit u detei; sbornik trudov. Pod red. M.I. Olevskogo. Moskva, 1959. 125 p.
(DNLM)

NEZLIN, S.E. [Expert evaluation of work capacity and work organization of pulmonary tuberculosis patients, manual for phthisiologists and disability evaluators] Ekspertiza trudosposobnosti i trudovoe ustroistvo bol'nykh tuberkulezom legkikh; posobie dlia ftiziatrov i ekspertov. Minsk, TSentr. in-t usovershenstvovaniia vrachei, 1960. 169 p.

PARIBOK, V.P. [Narcotics and cellular narcosis in drug therapy] Narkotiki i kletochnyi narkoz v khimioterapii. Moskva, Izd-vo Akad. nauk SSSR, 1961. 97 p.
(DNLM)

PYATIGORSK. PIATIGORSKII GOSUDARSTVENNYI NAUCHNO-ISSLEDOVATEL'SKII BAL'NEOLOGICHESKII INSTITUT. [Current problems in balneotherapy; results of a meeting in honor of the 40th anniversary of the Soviet regime] Aktual'nye voprosy bal'neoterapii; itogi nauchnoi sessii, posviashchennoi 40-letiiu Sovetskoi vlasti. Stavropol' na Kavkaze, Izd-vo gazety "Stavropol'skaia pravda," 1959. 174 p.
(DNLM)

AEVSKAIA, G.A. [Thromboembolic complications in patients with myocardial infarct] Tromboemboliche-skie oslozhneniia u bol'nykh infarktom miokarda. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 131 p.
(DNLM)

RYZHOV, P.V., and S.D. GOLIGORSKII. [Mistakes in preoperational diagnosis; problems in surgical tactics] Oshibki predoperatsionnogo diagnoza; voprosy khirurgicheskoi taktiki. Kishinev, Gos. izd-vo "Kartia Moldovenieske," 1960. 181 p.
(DNLM)

SIMPOZIUM PO PROBLEME PNEVMOKONIOZOV, 1957. [Transactions of the Symposium on the Problem of Pneumoconiosis; etiology and pathogenesis] Trudy...; etiologiia i patogenez. Red. kollegiia: A.A. Letavet i dr. Moskva, Gos. izd-vo med. lit-ry, 1959. 276 p.
(DNLM)

SMIRNOV, G.G. [Helminths are injurious to health] Glisty vrediat zdorov'iu. [Leningrad] Gos. izd-vo med. lit-ry Medgiz, Leningr. otd-nie, 1960. 29 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

SORIN, M.V. [Prevention of infectious diseases] Profilaktika zaraznykh boleznei. [Leningrad] Gos. izd-vo med. lit-ry Medgiz, Leningr. otd-nie, 1959. 59 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

SOVESHCHANIE PO VOPROSAM GERONTOLOGII I GERIATRII, 2d. [Reports of the Second Congress on Problems in Gerontology and Geriatrics] Tezisy dokladov. Moskva, Mosk. ob-vo ispytatelei prirody, 1960. 129 p.
(DNLM)

SUKHAREV, D.I. [Academician D.K. Zabolotnyi and his teaching on experimental syphilis] Akademik D.K. Zabolotnyi i ego uchenie ob eksperimental'nom sifilise. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo," 1960. 47 p. (Biblioteka vracha)

TABOLOV, V.S. [Corpulence and its treatment at health resorts of the Caucasus Mineral Waters region] Ozhirenie i ego lechenie na kurortakh Kavkazskikh Mineral'nykh Vod. [Stavropol'] Stavropol'skoe knizhnoe izd-vo, 1960. 77 p.
(DNLM)

[TRANSACTIONS OF THE SECOND HISTOLOGICAL CONFERENCE; plastic and restorative processes] Plasticheskie i vosstanovitel'nye protsessy, trudy Vtoroi gistologicheskii konferentsii. Moskva, Mosk. nauchn. ob-vo anatomov, gistologov i embriologov, 1959. 319 p.
(DNLM)

VERBOV, S. [At a doctor's post in the zemstvo, from my recollections] Na vrachebnom postu v zemstve, iz vospominanii. Parizh, 1961. 330 p.

VSEROSSIISKII S"EZD TERAPEVTOV, 1st, Moscow, 1958. [Transactions of the First All-Russian Congress of Therapeutists] Trudy. Pod obshchei red. A.L. Miasnikova. Moskva, Gos. izd-vo med. lit-ry, 1960. 453 p.
(DNLM)

VSESOIUZNAIA KONFERENTSIIA PATOFIZIOLOGOV, 2d, Kiev, 1956. [Transactions of the Second All-Union Conference of Pathophysiologists, problems of compensation, experimental therapy, and radiation sickness] Problemy kompensatsii eksperimental'noi terapii i luchevoi bolezni, trudy... Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 462 p.
(DNLM)

VSESOIUZNAIA KONFERENTSIIA UROLOGOV, 3d, Tiflis, 1958. [Transactions of the Third All-Union Conference of Urologists] Trudy. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 259 p.
(DNLM)

ZHUKOVITSKII, I.M. [Prevention of pulmonary cancer] Profilaktika raka legkikh. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 12 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

15. AGRICULTURE

AGAPOV, A.F. [High tomato yields] Vysokie urozhai pomidorov. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 117 p.
(DA)

AKADEMIIA NAUK SSSR. Pochvennyi institut imeni V.V. Dokuchaeva. [Soil improvement and ecological conditions in the Yergeni Hills and the northwestern part of the Caspian Lowland] Pochvenno-meliorativnye i ekologicheskie usloviia Ergenei i severo-zapadnoi chasti Prikaspiiskoi nizmennosti. Moskva, 1961. 217 p.
(DA)

AKADEMIIA NAUK UZBEKSKOI SSR, Tashkent. [Cotton] Khlopchatnik. Tashkent.
Vol. 4. [Physiology and biochemistry of cotton] Fiziologiia i biokhimiia khlopchatnika. 1960. 704 p.

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Institut metodov obucheniia. [Elective courses in agriculture for secondary vocational schools] Fakul'tativnye kursy po sel'skomu khoziaistvu v srednei politekhnicheskoi shkole. Pod red. E.IA. Pastukh. Moskva, 1960. 63 p. (Pedagogicheskie chteniia)

AKADEMIIA SEL'SKAHASPADARCHYKH NAVUK BSSR. Navukova daslednchy instytut mekhanizatsyi i elektryfikatsyi sel'skai haspadarki. [Transactions of the 1958 Scientific Conference] Trudy Nauchnoi konferentsii 1958 goda. Pod red. M.E. Matsepuro. Minsk, Izd-vo Akad. sel'khoz. nauk BSSR, 1959. 199 p.

AL'BENSKII, A.V. [Tree breeding and seed production] Selektsiia drevesnykh porod i semenovodstvo. Moskva, Goslesbumizdat, 1959. 305 p.
(DA)

ANISIMOV, N.I. [Further development of agriculture] Dal'neishii pod"em sel'skogo khoziaistva. Moskva, Izd-vo "Znanie," Vses. ob-va po raspr. polit. i nauchn. znanii, 1961. 39 p. (Narodnyi universitet kul'tury)

ANISIMOV, N.I. [Learn how to be a manager] Uchis' khoziaistvovat'. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 37 p. (Dlia slushatelei sel'skikh nachal'nykh ekonomicheskikh shkol i kruzhkov. Tema 1)
(DA)

BOLGAREV, P.T. [Viticulture] Vinogradarstvo. Simferopol', Krymizdat, 1960. 573 p.
(DA)

BORODIN, I.A. [Specialization and concentration in socialist agriculture] Spetsializatsiia i kontsentratsiia sotsialisticheskogo sel'skokhoziaistvennogo proizvodstva. Moskva, Izd-vo "Znanie," 1961. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 5, Sel'skoe khoziaistvo, no. 8)

CHERNYSHEV, A.E. [Soils and soil fertility] Pochvy i pochvennoe plodorodie. Moskva, Izd-vo "Znanie," 1961. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii, no. 1)

[THE CLUB CONTRIBUTES TO COLLECTIVE-FARM PRODUCTION] Klub - kolkhoznomu proizvodstvu. Moskva, Izd-vo "Sovetskaia Rossiia." (Bibliotechka sel'skogo klubnogo rabotnika, no. 5)
No. 1. [Promoting the initiative of leaders in the agriculture of Serpukhov District, Moscow Province] O propagande initsiativy peredovikov sel'skogo khoziaistva Serpukhovskogo raiona Moskovskoi oblasti, 1961. 23 p.

DIANOV, M.I. [We'll fulfill the tasks of the seven-year plan ahead of time] Zadanie semiletki vypolnim dosrochno. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 27 p. (Chemu uchit primer truzhenikov Riazanskoi oblasti)
(DA)

EMEL'IANOV, L.E. [The farm of Roswell Garst] Ferma Roswella Garsta. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 92 p.
(DA)

EREMENKO, V.M. [The whaler "Taifun"] Kitoboets "Taifun." Vladivostok, Primorskoe knizhnoe izd-vo, 1960. 23 p.

[FOR HIGH STANDARDS ON AGRICULTURE] Za kul'turu zemledeliia. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 78 p. (Bibliotechka sel'skogo klubnogo rabotnika)

GRIAZNOV, A.I. [Land loves a good master] Zemlia liubit khoroshego khoziaina. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1960. 53 p. (Voprosy povysheniia kul'tury zemledeliia)
(DA)

GUSEL'NIKOV, A.L. [Beekeeping] Pchelovodstvo. Izd. 4., ispr. i dop. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 535 p.
(DA)

[HIGH-SPEED OPERATORS IN THE FIELD] Skorostniki polei. Izd. 2. [Odessa] Odesskoe knizhnoe izd-vo, 1961. 124 p.
(DA)

IABLONOVSKII, S.I. [How to make a lawn from annual flowering plants] Kak ustroit' gazon iz odnoletnikh tsvetushchikh rastenii. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1960. 26 p.
(DA)

IARKOV, S.P. [Soils of the forest-meadow zone of the U.S.S.R.] Pochvy lesolugovoi zony SSSR. Moskva, Izd-vo Akad. nauk SSSR, 1961. 317 p.
(DA)

IVANOV, N.V. [Possibilities for increasing grain production in the U.S.S.R.] Rezervy uvelicheniia proizvodstva zerna v SSSR. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 56 p.
(DA)

IVASHKIN, E.F., and A.P. ZHELUDKOV. [For an abundance of inexpensive farm produce] Za izobilie deshevoi produktsii. [Kostroma] Kostromskoe knizhnoe izd-vo, 1960. 25 p.
(DA)

KOVINIA, P.T. [Obtaining 505 centners of milk per 100 hectares of farmland] 505 tsentneriv moloka na 100 hektariv zemli. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1959. 38 p.
(DA)

KRASOCHKIN, V.T. [Beets] Svekla. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 438 p.
(DA)

[LET'S OBTAIN AN ABUNDANCE OF GRAPES] Stvorymo dostatok vynohradu . Kyiv, Derzh. vyd-vo sil'khos. lit-ry URSR, 1959. 172 p
(DA)

LOBANOV, G. A. [Developing new fruit and berry varieties] Vyvedenie novykh sortov plodovykh i iagodnykh rastenii. Izd. 3., ispr. i dop. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 183 p.
(DA)

LOBANOV, P. P. [Contribution of agricultural research to practice] Sel'skokhoziaistvennaia nauka - praktike. Moskva, Izd-vo "Znanie," Vses. Ob-va po raspr. polit. i nauchn. znanii, 1961. 36 p. (Narodnyi universitet kul'tury, Sel'skokhoziaistvennyi fakul'tet, no. 2)

MAGNITSKII, K. P., IU. A. SHUGAROV, and V. K. MALKOV. [New methods of plant and soil analysis] Novye metody analiza rastenii i pochv. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 239 p.

MAKEEV, O. V. [Turf soils of the taiga in the southern part of Central Siberia, their genesis, properties, and efficient utilization] Dernovye taezhnye pochvy iuga Srednei Sibiri, genezis, svoistva i puti ratsional'nogo ispol'zovaniia. Ulan-Ude, knizhnoe izd-vo, 1959. 346 p.
(DA)

[MANUAL ON FEED PRODUCTION] Spravochnik po kormoproizvodstvu. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 508 p.
(DA)

MEDVED', L. I. [Worker hygiene in the chemical treating of seeds in agriculture] Gigiena truda pri protravlivanii semian sel'skokhoziaistvennykh kul'tur. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 69 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

MOSCOW. TSENTRAL'NAIA NAUCHNAIA SEL'SKOKHOZIAISTVENNAIA BIBLIOTEKA. [Corn, bibliography of Soviet literature published from 1794 to 1959] Kukuruza; bibliograficheskii ukazatel' otechestvennoi literatury za 1794-1959 gg. Moskva, Izd-vo M-va sel'. khoz. SSSR, 1961. 362 p.

NATALI, V. F. [The animal world and its importance for man] Zhivotnyi mir i ego znachenie dlia cheloveka. Moskva, Izd-vo "Znanie" Vses. ob-va po raspr. polit. i nauchn. znanii, 1961. 39 p. (Narodnyi universitet kul'tury; Estestvennonauchnyi fakul'tet, no. 3)

NAUCHNO-METODICHESKOE SOVESHCHANIE PO POVYSHENIIU PLODORODIIA LEGKIKH POCHV. Minsk, 1959. [Materials of the Conference on the Methods of Research on Increasing the Fertility of Light Soils] Materialy. Moskva, Izd-vo M-va sel. khoz. SSSR, 1960. 471 p.
(DA)

PAITSONI, VIL'GEL'M, and S. V. LUTSENKO. [Competition between Soviet and German farmers] Sorevnovanie sovetskikh i nemetskikh krest'ian. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 122 p.
[MICROFILM]

POLADOV, M. M. [Agriculture of Azerbaijan during the last 40 years] Azerbaichan SSR kënd tësërrufaly 40 ilde. Baky, Azerbaichan devlet neshriiaty, 1960. 181 p. [In Azerbaijani]
[MICROFILM]

POLISHCHUK, P., and B. SHAITAN. [How we reduce agricultural production costs] Kak my snizhaem sebestoimost' sel'skokhoziaistvennoi produktsii. [Tiumen'] Tiumenskoe knizhnoe izd-vo, 1960. 33 p. (V pomoshch' izuchaiushchim ekonomiku sel'skogo khoziaistva.
(DA)

POZDNIAKOV, L. K. [Larch and pine forests of the upper Aldan] Listvennichnye i sosnovye lesa Verkhnego Aldana. Moskva, Izd-vo Akad. nauk SSSR, 1961. 173 p.
(DA)

RESPUBLIKANSKOE NAUCHNO-PROIZVODSTVENNOE SOVESHCHANIE PO VOPROSAM RYBNOGO KHOZIAISTVA MOLDAVSKOI SSR, Kishinev, 1958. [Materials of the Scientific Industrial Conference on Problems of Fishery Management in the Moldavian S.S.R.] Materialy. Kishinev, Izd-vo "Shtiintsa" Moldavskogo filiala Akad. nauk SSSR, 1960. 79 p.

ROMANCHEV, V. V. [For high crop yields; an account of Valentina Gaganova's followers in the agriculture of Tula Province] K vysokim urozhaiam; ocherk o pervykh gaganovtsakh Tul'skoi derevni. [Tula] Tul'skoe knizhnoe izd-vo, 1959. 15 p.
(DA)

SEFLRSHAEV, M. A., and A. I. SHAPOVALOVA. [Role of micro-organisms in stockbreeding] Rol' mikroorganizmov v zhivotnovodstve. Pod red. V. V. Kuz'minna. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 101 p.
(DA)

SELEZNEV, F. IA. [Agricultural planning] Planirovanie sel'skokhoziaistvennogo proizvodstva. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 36 p. (Dlia slushatelei sel'skikh nachal'nykh shkol i kruzhkov. Tema 2)
(DA)

SEMENIUTA, F. I. [Laboratory and practice lessons in forest evaluation and management] Laboratorno-prakticheskie zaniatiia po lesnoi taksatsii i lesoustroistvu. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 303 p.
(DA)

S"EZD SEL'SKOKHOZIAISTVENNYKH KOOPERATOROV KNDR, Pkhen'ian, 1959. [Collection of the most important documents of the Conference of Members of Agricultural Cooperatives of the Korean People's Democratic Republic, Pyongyang, 1959] Sbornik vazhneishikh dokumentov. Pkhen'ian, KNDR, Izd-vo lit-ry na inostr. iazykakh, [n.d.] 117 p.
(DA)

SHEFER, A. S. [My experience in harvesting] Moi opyt uborki urozhaia. [Novosibirsk] Novosibirskoe knizhnoe izd-vo, 1960. 20 p.
(DA)

SOBOLEV, S. S. [Soil erosion and its control] Eroziia pochv i bor'ba s neiu. Moskva, Gos. izd-vo geogr. lit-ry, 1960. 173 p.
(DA)

SOLOV'EV, A. G. [Secret of success, a story about the expert stockbreeders of the "October 12" Collective Farm in Kostroma Province] Sekret uspekha, rasskaz o masterakh zhivotnovodstva kolkhoza "12 Oktiabr'" Kostromskoi oblasti. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 19 p.
(DA)

TSEPLIAEV, V. P. [Forests of the U. S. S. R., economic features] Lesa SSSR, khoziaistvennaia kharakteristika. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 455 p.
(DA)

VSESOIUZNAIA AKADEMIIA SEL'SKOKHOZIAISTVENNYKH NAUK IMENI V. I. LENINA. [Mechanized harvesting of pulse crops in the U. S. S. R. and abroad] Mekhanizatsiia uborki zernobobovykh kul'tur v SSSR i za rubezhom. Moskva, Izd-vo M-va sel'. khoz. SSSR, 1960. 199 p.
(DA)

VSESOIUZNAIA AKADEMIIA SEL'SKOKHOZIAISTVENNYKH NAUK IMENI V. I. LENINA. [Work results of Soviet agricultural academies during 1959 and basic problems of research for the coming years, materials of the extended session of the Council for the Coordination of Agricultural Research of the Lenin All-Union Academy of Agricultural Sciences] Itogi raboty respublikanskikh akademii sel'skokhoziaistvennykh nauk za 1959 god i osnovnye problemy nauchno-teoreticheskikh issledovanii na blizhaishie gody, materialy rasshirennogo zasedaniia Soveta po koordinatsii nauchnoi deiatel'nosti po selskomu khoziaistvu Vsesoiuznoi akademii sel'skokhoziaistvennykh nauk imeni V. I. Lenina 25-26 marta 1960 goda. Moskva, Izd-vo M-va sel'. khoz. SSSR, 1960. 166 p.
[MICROFILM]

VSESOIUZNOE SOVESHCHANIE IZOBRETATELEI I RATSIONALIZATOROV V OBLASTI VETERINARII. Ist, 1958. [Invention and innovation in veterinary medicine; materials of the First All-Union Conference, 1958] Izobretatel'stvo i ratsionalizatsiia v veterinarii; materialy. Moskva, Izd-vo M-va sel'khoz. SSSR, 1960. 198 p.
(DA)

16. TECHNOLOGY

ABEL', F. KH., and T. L. BRATSEVA. [Use of polymeric materials in the packing of fishery products] Primenenie polimernykh materialov dlia upakovki rybnoi produktsii. Moskva, TSentr. nauchno-issl. laboratoriia tary, 1960. 42 p. (Proizvodstvo tary)

ABRAMOV, F. A., V. A. BOIKO, and N. A. FROLOV. [Model mine ventilation networks] Modelirovanie ventiliatsionnykh setei shakht. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 219 p.

ABRAMOV, S. K., O. B. SKIRGELLO, and M. I. CHEL'TSOV. [Draining coal deposit mine fields and strip mines] Osushenie shakhtnykh polei i kar'erov ugol'nykh mestorozhdenii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 398 p.

ADOL'I, V. A., and others. [DSSh-14 self-propelled chassis] Samokhodnoe shassi DSSh-14. Pod red. G. V. Tchudinskogo. Moskva, Gos. izd-vo sel'khoz lit-ry, 1959. 181 p.

AKADEMIIA NAUK SSSR. Bashkirskii filial, Ufa. Otdel khimii. [Chemistry of sulfur and nitrogen organic compounds in petroleum and petroleum products] Khimiia sera- i azotoorganicheskikh soedinenii, soderzhashchikhsia v neftiakh i neftoproduktakh. Ufa Vol. 3. 1960. 337 p.

AKADEMIIA NAUK SSSR. Institut gorючikh iskopaemykh [Fuel gases in the national economy, work of the All-Union Conference] Ispol'zovanie gorючikh gazov v narodnom khoziaistve, trudy Vsesoiuznogo soveshchaniia. Moskva, 1961. 266 p.

AKADEMIIA NAUK SSSR. Institut gornogo dela. [Problems in mining the deposits of the Kursk Magnetic Anomaly] Voprosy razrabotki mestorozhdenii Kurskoi magnitnoi anomalii, sbornik statei. Moskva, 1961. 367 p.

AKADEMIIA NAUK SSSR. Institut gornogo dela. [Research on rock pressure] Issledovaniia gornogo davleniia. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 446 p.

AKADEMIIA NAUK SSSR. Kol'skii filial, Khibvsk. [Techniques of the development of Kola ore deposits] Voprosy tekhnologii razrabotki rudnykh mestorozhdenii Kol'skogo poluostrova, sbornik statei pod red. I. Bikova. Moskva, 1961. 154 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut osnovanii i podzemnykh sooruzhenii. [Manual on geodetic methods of measuring horizontal displacement in foundations of structures] Rukovodstvo po geodezicheskim metodam izmerenila gorizontal'nykh smeshchenii v osnovaniiakh sooruzhenii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 79 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut stroitel'noi fiziki i ograzhdaiushchikh konstruktsii. [Soundproofing residential and public buildings] Zvukoizolatsiia zhilykh i obshchestvennykh zdanii, sbornik statei pod red. V. N. Nikol'skogo. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 127 p.

ALEKSANDROV, V. G. [Problems concerning the design of boilers with medium and small evaporative capacities] Voprosy proektirovaniia parovykh kotlov sredneĭ i maloĭ proizvoditel'nosti. Moskva, Gos. energ. izd-vo, 1960. 232 p.

ALISOVA, S. P., and others. [Phase diagrams of metallic systems published in 1955] Diagrammy sostoianiia metallicheskikh sistem, opublikovannye v 1955 godu. Pod red. N. V. Ageeva. Moskva.
No. 1. 1959. 131 p.
No 2. 1959. 102 p.

ARESHIDZE, KH. I. [Study of the chemical properties of Georgian petroleums and contact conversion of hydrocarbons in the presence of gumbrin] Issledovanie khimicheskoi prirody neftei Gruzii i kontaktnykh prevrashchenii uglevodorodov v prisutstvii gumbrina. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1960. 232 p.

ARSENT'EV, A. I. [Determining the productivity and boundaries of strip mines] Opredelenie proizvoditel'nosti i granits kar'erov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 212 p.

ARYKOVA, A. I., and R. ZH. ZHULALV. [Improved type of water intake with a screened bottom gallery] Uluchshennyi tip vodozabora s donnoi reshetchatoi galereei. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1961. 70 p.

[AUTOMATIC CONTROL OF SHEET-METAL WORK] Avtomatizatsiia kholodnoshtampovochnogo proizvodstva. Pod red. T. M. Golubova i I. P. Tartakovskogo. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 282 p.

BABAEV, N. A., and others. [Airplane modeling; manual for makers of airplane models and instructors of circles for the first and second training year] Aviatsionnyi modelizm; uchebnoe posobie dlia aviamodulistov i rukovoditelei kruzhkov pervogo i vtorogo godov obucheniia. Izd 2., perer. i dop. Pod obshchei red. E. B. Mikirtumova. Moskva, Izd-vo DOSAAF, 1960. 286 p.

BABAZADE, B. K. [Classification of Azerbaijan oil and gas pools] Klassifikatsiia zalezhei nefti i gaza Azerbaidzhana. Red. M. F. Mirchink. Baku, Azerbaizhanskoe gos. izd-vo neft. i nauchno-tekhn. lit-ry, 1960. 132 p.

606276 O - 61 - 2

BAKAKIN, S. A. [Insulation of heat-using apparatus in textile finishing factories] Izolitatsiia teploispol'zuiushchei apparatury otdelochnykh fabrik tekstil'noi promyshlennosti. Pod red. M. E. Simkina. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1960. 62 p.

BARON, L. I., and A. V. KUZNETSOV. [Abrasiveness of rocks in mining operations] Abrazivnost' gornykh porod pri dobyvanii. Moskva, Izd-vo Akad. nauk SSSR, 1961. 166 p.

BEKKULOV, ABLKAI, and K. M. MIZAMBEKOV. [Main steel lines of Kazakhstan] Stal'nye magistrali Kazakhstana. Alma-Ata, Kazakhskoe gos. izd-vo, 1960. 133 p. (40 let Kazakhskoi SSR)

BENENSON, O. E., and N. G. KISELEV. [Using pulverized ashes from a thermal electric station in producing building materials] Ispol'zovanie pylevidnoi zoly TETs dlia proizvodstva stroitel'nykh materialov, opyt stroitelei Angarska. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 81 p.

BEREGOVOI, A. V. [Control and measuring instruments and measuring engineering] Kontrol'no-izmeritel'nyi instrument i tekhnika izmerenii. Izd. 2. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 92 p. [MICROFILM]

BIBLIOGRAPHICAL GUIDE TO THE PUBLICATIONS OF THE STATE PUBLISHING HOUSE FOR RAILROAD TRANSPORTATION LITERATURE, 1950-1959] Bibliograficheskii spravochnik izdanii Transzheldorizdat, 1950-1959. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 345 p.

BIRGER, G. E. [Manufacture of synthetic fibers and their uses] Proizvodstvo khimicheskikh volokon i ikh primenenie. Moskva, Vses. in-t nauchn. i techn. informatsii, 1959. 25 p.

BLAZHEVICH, V. A. [Practical guide to hydraulic breaking of ore beds] Prakticheskoe rukovodstvo po gidravlicheskomu razryvu plasta. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 134 p.

BOBKOV, V. A. [Manufacture of ice and its uses] Proizvodstvo i primenenie vodnogo l'da. Moskva, Gos. izd-vo torg. lit-ry, 1961. 165 p.

BOGATYKH, IA. D., and others. [Textbook for training agricultural construction workers] Posobie po podgotovke rabochikh-stroitelei v sel'skom khoziaistve. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 639 p.

BOGDANOV, A. A., and Z. S. POMAZKOVA. [Jet apparatus for flushing sand-clogged wells] Struinye apparaty dlia promyvki peschanykh probok v skvazhinakh. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 82 p. (Novaia tekhnika neftianoi promyshlennosti)

BOGDANOV, N. F., and A. N. PEREVERZEV. [Dewaxing of petroleum products] Deparafinizatsiia neftianykh produktov. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 245 p.

BOLKHOVITINOV, N. F. [Metals and their heat treatment] Metallovedenie i termicheskaia obrabotka. Izd. 5-e, dop. i perer. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 463 p.

BRODSKII, A. IA. [Welding of reinforcements for reinforced-concrete constructions] Svarka armatury zhelezobetonnykh konstruktsii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 378 p.

BUKHARIN, E. M., and others. [Survey and comparison of foreign standards for designing the structural section of electric power transmission systems] Obzor i sravnenie zarubezhnykh norm na proektirovanie konstruktivnoi chasti linii elektroperedachi. Pod obshchei red. S. S. Rokotiana. Moskva, Gos. energ. izd-vo, 1960. 143 p.

BUDAKOV, E. A. [Selected works] Izbrannye trudy. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 1. [Theory of motor vehicles] Teoriia avtomobilia. 1961. 462 p.
Vol. 2. 1961. 343 p.

[COLLECTION OF SOVIET REPORTS AT THE MOSCOW CONFERENCE OF THE INTERNATIONAL INSTITUTE OF REFRIGERATION] Sbornik dokladov ot SSSR na Moskovskoi konferentsii Mezhdunarodnogo instituta kholoda. Pod red. Sh. N. Kobulashvili. Moskva, Gos. izd-vo torg. lit-ry, 1959. 214 p.

[COUNTERBORES AND COUNTERBORING] Zenkery i zenkovki. Moskva, Standartgiz, 1960. 61 p. (SSSR. Normali mashinostroeniia)

DADENKOV, IU. N., and P. E. ZUBRIL. [Hydraulic calculations of open channels] Gidravlicheskie raschety otkrytykh rusel. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 200 p.

DARAGAN, L. D., and R. P. LAKHNO. [Handbook for the lumber truck road expert] Spravochnik mastera lesovoznoi avtomobil'noi dorogi. Pod red. M. I. Kishinskogo. Moskva, Goslesbumizdat, 1960. 153 p.

DAVYDOV, B. L., and B. A. SKORODUMOV. [Dynamics of mining machinery] Dinamika gornykh mashin. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 334 p.

D'IAKOV, V. V. [Dust control in scraper levels] Obespylivanie gorizontov skreperovaniia. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 90 p.

DIDENKO, K. I., and ZH. A. GUSEVA. [New regulating and control equipment] Novaia apparatura kontrolia i regulirovaniia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 222 p.

DOLEZALIK, VITEZSLAV. [Similitude and modeling in chemical engineering. Translated from the Czech] Podobie i modelirovanie v khimicheskoi tekhnologii. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 95 p. (Metody i protsessy khimicheskoi tekhnologii)

DOLGIREV, E. I., P. I. MALEEV, and V. V. SIDORENKO. [Nuclear radiation detectors] Detektory iadernykh izluchenii. Pod red. K. K. Aglintseva. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 222 p.

DORFMAN, M. KH. [Pneumatic transportation of grain and cereal products] Pnevmaticheskii transport zerna i produktov ego obrabotki. Moskva, Izd-vo tekhn. i ekon. lit-ry po voprosam khleboproduktov, 1960. 231 p.

DROZD, IA. I., and others. [Planning and building prestressed concrete bridges in White Russia] Opyt proektirovaniia i stroitel'stva zhelezobetonnykh predvaritel'no napriazhennykh mostov v Belorussii. Pod obshchei red. IA. I. Drozda. Minsk, Redaktsionno-izdatel'skii otdel BPI im. V. I. Stalina, 1960. 281 p.

DUBROV, M. I. [First shock workers' brigade] Pervaia udarnaia. [Leningrad] Lenizdat, 1960. 96 p.

[EFFICIENT USE OF MEASURING EQUIPMENT; experience of the Chelyabinsk Plants] Ratsionalizatsiia v izmeritel"noi tekhnike; iz opyta raboty Cheliabinskikh zavodov. [Cheliabinsk] Cheliabinskoe knizhnoe izd-vo. (Obmen izmeritel'nykh priborov) No. 3. 1959. 41 p.

EFIMOV, A. P. [Lighting equipment of television studios] Svetotekhnicheskoe oborudovanie televizionnykh studii. Moskva, Gos. energ. izd-vo, 1960. 150 p.

EGOROV, V. A. [Optical and feeler devices for determining the roughness of surfaces] Opticheskie i shchupovye pribory dlia opredeleniia sherekhovatosti poverkhnosti. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 155 p.

[ELECTRIC COMMUNICATIONS AND WIRE BROADCASTING] Elektricheskaia sviaz' i radiofikatsiia. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1961. 607 p. (Posobiia dlia sviazistov massovykh professii)

EREMEEVA, N. M. [Machining holes in gray-iron parts; means for reducing basic machining time and improving the quality of holes in drilling, counterboring and reaming gray iron] Obrabotka otverstii v detaliakh iz serogo chuguna; puti snizheniia osnovnogo tekhnologicheskogo vremeni i uluchsheniia kachestva otverstii pri sverlenii, zenkerovanii i razvertyvanii serogo chuguna. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 126 p.

FAL'KEVICH, A. S. [New developments in gas pipeline welding] Novoe v svarke gazoprovodov. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 34 p. (V pomoshch' rabotnikam gazovoi promyshlennosti)

FEDOSENKO, R. IA. [Method for calculating the reliability of municipal electric power distribution networks] Metod rascheta nadezhnosti elektrosnabzheniia potrebitelei gorodskikh elektrosetei. Moskva, Otdel nauchno-tekhn. informatsii Akad., 1959. 69 p.

[FERRITES IN NONLINEAR MICROWAVE DEVICES, collected articles. Translated from the English. Preface by A. G. Gurevich] Ferrity v nelineinykh sverkhvysokochastotnykh ustroistvakh; sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1961. 634 p.

GALITSKII, B. A., and B. I. BELIAKOV. [Technological processes in the manufacture of compressors] Tekhnologiia kompressorostroeniia. Izd. 3., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 525 p.

GALKINA, G. V. [Production of table shrups] Proizvodstvo stolovykh prituchnykh shtopov. Moskva, Pishchepromizdat, 1960. 56 p.

GLEMBOTSKII, V. A., V. I. KLASSEN, and I. N. PLAKSINA. [Flotation] Flotatsiia. Pod obshchei red. I. N. Plaksina. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 547 p.

GOLDOVSKII, E. M. [From silent to panoramic motion pictures] Ot nemogo kino k panoramnomu. Moskva, Izd-vo Akad. nauk SSSR, 1961. 147 p. (Nauchno-populiarnaia serila: Kino-tekhnika nashikh dnei)

GOLIKOV, A. A., and N. V. POTEKUSHIN. [How to save metals] Kak luchshe ekonomit' metall. Moskva, Mashgiz, 1960. 40 p. (Biblioteka rabochego mashinostroitelia. Serila "Osnovy konkretnoi ekonomiki," no. 9)

GOLOVANOV, N. G. [Solid fuel as a chemical raw material] Tverdoe toplivo kak khimicheskoe syr'e. Kiev, 1961. 41 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Ukrainskoi SSR. Ser. 6, no. 2)

GOLOVIN, S. IA. [Brief founding handbook] Kratkii spravochnik litleishchika. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 375 p.

GOLOVNINA, T. V. Raw materials of the blast furnace process] Syr'ye materialy domennogo proizvodstva. [Moskva] Mosk. gos. ekon. in-t., 1959. 28 p.

GOL'TSMAN, I. I., and B. A. NARIZHNYI. [Manufacture of wood-chip panels] Izgotovlenie drevesno-struzhechnykh plit. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 88 p.

GONCHARENKO, V. A., and A. G. SOKOLOVSKII. [Planning and economics of the building and repair of roads] Planirovanie i ekonomika stroitel'stva i remonta avtomobil'nykh dorog. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 198 p.

GORDON, G. M., and I. L. PEISAKHOV. [Control of dust collecting equipment, dust and gas measurements] Kontrol' pyleulavlivaiushchikh ustanovok, pylegazovye zamery. Izd. 2., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 308 p.

GOVERT, A. A. [Water treatment for steam engines] Vodopodgotovka dlia lokomotivei. Moskva, Gos. energ. izd-vo, 1960. 188 p.

GRIBANOV, V. I., and V. A. ORLOV. [Carburetors for internal combustion engines] Karbiuratory dvigatelei vnutrennego sgoraniia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 201 p.

GROBOV, V. A. [Asymtotic methods for calculating bending vibrations of turbomachine rotors] Asimptomicheskie metody rascheta izgibnykh kolebanii valov turbomashin. Moskva, Izd-vo Akad. nauk SSSR, 1961. 165 p.

GRUDINSKAIA, G. P. [Propagation of microwaves] Rasprostranenie ul'trakorotkikh radiovoln. Izd. 2., perer. Moskva, Gos. energ. izd-vo, 1960. 103 p. (Massovaia radiobiblioteka, no. 382)

GULIAEVSKII, P. T. ["Kazakhstanskaia Magnitka"] Kazakhstanskaia magnitka. Moskva, Izd-vo "Znanie," 1961. 26 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, Ekonomika, no. 10)

[HIGH-FREQUENCY TELEPHONY SYSTEMS USING LONG-DISTANCE TELEPHONE LINES, information manual] Sistemy vysokochastnogo telefonirovaniia po mezhdugorodnym kabel'nym liniiam; informatsionnyi sbornik. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1958. 113 p. (Tekhnika sviazi za rubezhom)

IDASHKIN, S. I. [Precast reinforced-concrete tanks] Sbornye zhelezobetonnye rezervuary. Moskva, VNIIST Glavgaza SSSR, redaktsionno-izdatel'skii otdel, 1960. 149 p.

[INNOVATIONS IN THE MANUFACTURE OF METAL-CUTTING TOOLS] Novoe v instrumental'nom proizvodstve. [Leningrad] Lenizdat, 1960. 210 p.

[INVESTIGATION OF THE CRITICAL PARAMETERS OF REACTOR SYSTEMS] Issledovaniia kriticheskikh parametrov reaktornykh sistem, sbornik statei. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhniki, 1960. 187 p.

IPPOLITOV, IA. IA. [Effect of air parameters and moisture content of the cotton on spinning] Vliianie parametrov vozdukha i vlazhnosti khlopka na protsess priadeniia. Pod red. K. N. Rattella. Moskva, Izd-vo nauchno tekhn. lit-ry RSFSR, 1960. 59 p.

ISKRITSKII, D. E. [Fatigue of metals in structural frames] Ustalost' metallov v konstruktsiiakh. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1960. 85 p.

IUKALOV, I. N. [Steel and cast iron for enameling] Stali i chuguny dlia emalirovaniia. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 110 p.

KALANTAROVA, M. V. [Technological and chemical specifications for canned fish products] Tekhno-khimicheskie pokazateli rybnykh konservov. Moskva, Vses. nauchno-issled. in-t rybnogo khoz. i okeanografii, 1960. 18 p. (Tekhnologiia obrabotki ryby)

KARA, P. F., and G. A. BABAK. [VTsO3, 1-110/450 centrifugal mine fan] Shakhtnyi tsentrobezhnyi ventiliator VTsO3 1-110/450. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 42 p.

KARELIN, IA. A., and V. G. PERFVALOV. [Removal of petroleum products from waste waters, foreign practices] Ochistka stochnykh vod of nefteproduktov; zarubezhnyi opyt. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 130 p.

KARTASHOV, N. A., and E. I. TISHCHENKO. [Building materials made of molten blast-furnace slags] Stroitel'nye materialy iz ognemo-zhidkikh domennykh shlakov. [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1960. 101 p.

KHEINMAN, S. A. [Problems of automation in the United States, review of materials published in the United States] Voprosy avtomatizatsii v SShA, obzor materialov, opublikovannykh v SShA. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 222 p.

KHOMITSEVICH, K. I. [Pneumatic equipment in mining] Rudnichnye pnevmaticheskie ustanovki. Khar'kov, Izd-vo Khar'kovskogo gos. univ., im. A. M. Gor'kogo, 1960. 255 p.

KLEBANOV, B. V., and others. [Repairing motor vehicles and tractors] Remont avtomobilei i traktorov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry.
Pt. 1. 1961. 335 p.

KOBRINSKII, A. E. [Numbers operate machine tools] Chisla upravliaiut stankami. Moskva, Izd-vo Akad. nauk SSSR, 1961. 189 p. (Nauchno-populiarnaia serila)

KOBASH, V. A. [Testing and production control in coal preparation plants] Opробovanie i kontrol' na ugleobogatitel'nykh fabrikakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 186 p.

KONOGRAI, V. P. [How a mine is ventilated] Kak provetrivaetsia shakhta. Izd. 2., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 61 p.

KOVEL'MAN, G. M. [The work of Vladimir Grigor'evich Shukhov, engineer and honored academician] Tvorchestvo pochetnogo akademika inzhenera Vladimira Grigor'evicha Shukhova. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 362 p.

KRIKSUNOV, V. G. [Low-frequency amplifiers] Nizkochastotnye usiliteli. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 307 p.

KRIVISSKII, A. M. [New systems for designing flexible road surfaces] Novye skhemy dlia rascheta nezhestkikh dorozhnykh odezhd. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 75 p.

KRYLOVA, N. N., and IU. N. LIASKOVSKAIA. [Physicochemical methods for studying products of animal origin] Fiziko-khimicheskie metody issledovaniia produktov zhivotnogo proiskhozhdeniia. Moskva, Pishchepromizdat, 1961. 233 p.

KULIKOV, A. V., V. V. KULIKOV, and S. M. MELESHKIN. [Mining operations in iron-ore deposits abroad] Razrabotka zhelezorudnykh mestorozhdenii za rubezhom. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 487 p.

KUZNETSOV, IU. V. [Preliminary wetting of coal seams] Predvaritel'noe uvlazhnenie ugol'nykh plastov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 56 p.

KUZNETSOV, V. I., and B. V. NIKITIN. [Plastics and their main physical and mechanical properties] Plasticheskie massy i ikh osnovnye fiziko-mekhanicheskie svoistva. Pod red. G. I. Pogodina-Alekseeva. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1959. 91 p.

LEPORSKII, V. V., and others. [Tilting open-hearth furnaces, design and heat transfer] Kachaiushchaiasia martenovskaia pech', konstruktsiia i teplovaia rabota. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 181 p.

LIDERS, G. V. [Railroad track; construction, repair and current maintenance] Zheleznodorozhnyi put', ustroistvo, remont i tekushchee soderzhanie. Izd. 3., perer. Moskva, Gos. transp. zhel-dor. izd-vo, 1959. 364 p.
[PHOTOCOPY]

LIMANOV, IU. A. [Subways] Metropolitheny. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 315 p.

LIUBOSHCHINSKII, D. M., and others. [Breaking of coal by the cutting elements of mining machines] Razrushenie uglei ispolnitel'nymi organami vyemochnykh mashin. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 220 p.

LOPUKHINA, E. M., and G. S. SOMIKHINA. [Designing of single-phase and three-phase asynchronous micromotors] Raschet asinkhronnykh mikrodvigatelei odnofaznogo i trekhfaznogo toka. Moskva, Gos. energ. izd-vo, 1961. 312 p.

LOTTE, D. S. [Principles for compiling scientific technical terminology; problems of the theory and methods] Osnovy posti cenila nauchno-tekhnicheskoi terminologii; voprosy teorii i metodiki. Moskva, Izd-vo Akad. nauk SSSR, 1961. 156 p.

[LUMBER FLOATING IN FOREIGN COUNTRIES, collected surveys and translations] Splav lesa v zarubezhnykh stranakh; sbornik obzorov i perevodykh statei. Obzory i otv. red. G. E. Arnshteina. Moskva, Goslesbumizdat, 1960. 64 p.

MAIORSKIKH, G. I. [A house made of local materials, advice to individual home builders] Dom iz mestnykh materialov; sovety individual'nym zastroishchikam. [Tula] Tul'skoe knizhnoe izd-vo, 1960. 174 p.

MAKSIMOV, V. M. [Boiler units with a large evaporative capacity; design and construction] Kotel'nye agregaty bol'shoi paroproizvoditel'nosti; raschet i konstruktirovanie. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 430 p.

MALISHEVSKII, N. G., and others. [Water-supply and sewerage pumps and pumping stations] Vodoprovodnye i kanalizatsionnye nasosy i nasosnye stantsii. Pod red. N. G. Malishevskogo. Khar'kov, Izd-vo Khar'kovskogo gos. univ. im. A. M. Gor'kogo, 1960. 394 p.

MALYSHEV, A. P., and P. A. VOROB'EV. [Mechanics and design calculations of looms] Mekhanika i konstruktivnye raschety tkatskikh stankov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 552 p.

MANDRIK, P. E. [Textbook for the mechanic on the construction site] Posobie dlia mekhanika stroitel'nogo uchastka. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 204 p.

MAN'KOVSKII, G. I., and others. [Methods of calculating the basic parameters of rock freezing processes in shaft sinking with the help of a hydraulic integrator] Metodika rascheta s pomoshch'iu gidrointegratora osnovnykh parametrov protsessa zamorazhivaniia gornykh porod pri prokhodke shakhtnykh stvolov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 53 p.

[MANUAL FOR THE PASSENGER CAR CONDUCTOR] Rukovodstvo provodniku passazhirskikh vagonov. Izd. 4., perer. i dop. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 259 p.

[MANUAL ON THE PRIMARY FACTORY PROCESSING OF HEMP, AMBARI HEMP, AND JUTE] Spravochnik po zavodskoi pervichnoi obrabotke konopli, konafa i dzhuta. Izd. 2., perer. i dop. Pod red. A. A. Razuvaeva. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1960. 547 p.

MILLER, B. N., and V. M. MUNTIAN. [Mechanization of loading and unloading operations in the open sea] Mekhanizatsiia pogruzochnykh rabot v otkrytom more. Moskva, Nauchno-tekhn. ob-vo pishchevoi promyshl., 1961. 34 p. (Rybnoe khoziaistvo)

[MINING HANDBOOK] Spravochnik po gornomu delu. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu.
Vol. 1. [Strip mining] Otkrytye raboty. Red. kol. toma B. P. Bogoliubov i dr. Nauchn. red. toma E. I. Sheshko i V. V. Rzhevskii. 1960. 926 p.

MOROZOV, A. N. [Modern open-hearth process] Sovremennyi martenovskii protsess. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1961. 600 p.

MOSCOW. VSESOIUZNYI ISSLEDOVATEL'SKII INSTRUMENTAL'NYI INSTITUT. [High-duty design of broaches and their efficient use] Vysokoproizvoditel'nye konstruktsii protiazhek i ikh ratsional'naia ekspluatatsiia. Pod red. M. N. Larina. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 119 p.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT MINERAL'NOGO SYR'IA. [Industry's requirements as to the quality of mineral raw materials, handbook for geologists] Trebovaniia promyshlennosti k kachestvu mineral'nogo syr'ia, spravochnik dlia geologov. Izd. 2., perer. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr.
No. 43. Ruthevich, T. V. [Tungsten] Vol'fram. Nauchn. red. I. S. Stepanov, 1960. 61 p.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT MORSKOGO RYBNOGO KHOZIAISTVA I OKEANOGRAFII. [Methods of transporting aquatic invertebrates and fish larvae for acclimatization purposes] Metody perevozki vodnykh bespozvonochnykh i ikhnikh ryb v tseliakh ikh akklimatizatsii. Moskva, 1960. 55 p. (Vosproizvodstvo rybnykh zapasov)

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT VODOSNABZHENIIA, KANALIZATSII, GIDROTEKHNICHESKIKH SOORUZHENII I INZHENERNOI GIDROGEOLOGII. [Studies of wave action on hydraulic structures] Volnovye issledovaniia gidrotekhnicheskikh sooruzhenii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 190 p.

NACHINKOV, A. D. [Nibilding of titanium and its alloys] Azotirovanie titana i ego splavov. Leningrad, 1960. 19 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii RSFSR. Seriia. Metallovedenie i termicheskaia obrabotka, no. 5)
[MICROFILM]

NAMESTNIKOV, A. F., and others. [Collective-farm cannery] Kolkhoznyi konservnyi zavod. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 275 p.

NAUCHNO-TEKHNICHESKAIA KONFERENTSIIA PO VIBROSTENDAM I VIBROIZMERENIIAM, Leningrad, 1959. [Measurements of vibrations, verbatim reports] Vibroizmerenila, stenogrammy dokladov. Leningrad, Leningr. dom nauchno-tekhn. propagandy. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii RSFSR)
Pt. 1. 1960. 61 p.
Pt. 2. 1960. 62 p.

NAUCHNO-TEKHNICHESKOE OBSHCHESTVO MASHINOSTROITEL'NOI PROMYSHLENNOSTI, Kievskoe oblastnoe pravlenie. [Metals and their heat-treatment] Metallovedenie i termicheskaia obrabotka. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 336 p.

NAUCHNO-TEKHNICHESKOE OBSHCHESTVO STROITEL'NOI INDUSTRII SSSR. [Over-all mechanization and automation in extracting and processing nonmetallic mineral building materials] Kompleksnaia mekhanizatsiia i avtomatizatsiia dobychi i pererabotki nerudnykh stroitel'nykh materialov. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 162 p.

NEKRASOV, V. K., and others. [Handbook for the road construction technician] Spravochnik tekhnika dorozhnika. Izd. 3., perer. i dop. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1960. 787 p.

NESTERENKO, S. L. [Guide to safety measures in laying, repairing, and lining steel-smelting furnaces] Pamiatka po tekhnike bezopasnosti dlia kamenshchikov po kladke, remontu i obmurovke stalеplavil'nykh pechei. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959. 101 p. (Tekhnika bezopasnosti)

NIKITIN, V. P. [Selected works] Izbrannye trudy. Moskva, Izd-vo Akad. nauk SSSR, 1961. 130 p.

NIKOL'SKII, K. K. [Drainage protection of metal shielded communication lines to prevent corrosion] Drenazhnaia zashchita metallicheskikh kabelei sviazi ot korrozii. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1961. 54 p. (Lektsii po tekhnike sviazi)

NOSOVSKII, V. V. [Manufacture and assembly of bridge spans] Izgotovlenie i montazh proletnykh stroenii mostov. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shossel'nykh dorog RSFSR, 1961. 77 p.

OBODOVSKII, B. A. [Design of statically indeterminate beams] Raschet staticheski neopredelimykh balok. Pod red. G. S. Glushkova. Khar'kov, Izd-vo Khar'kovskogo gos. univ. im. A. M. Gor'kogo, 1960. 46 p.

ODEL'SKII, E. KH. [Hydraulic design of pipes for various purposes] Gidravlicheskii raschet truboprovodov raznogo naznacheniia. Minsk, Redaktsionno-izdatel'skii otdel BPI im. I. V. Stalina, 1961. 76 p.

ODESSA (Province) TSentral'noe konstruktorsko-tekhnologicheskoe biuro. [Making objects from liquid metals with accelerated crystallization] Poluchenie izdelii iz zhidkikh metallov s uskorennoi kristallizatsiiei. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 323 p.

OKROMESHKO, N. V. [Mechanization and automatic control in foundries] Mekhanizatsiia i avtomatizatsiia liteinykh tsekhov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 374 p.

ONISHCHIK, L. I. [Designing masonry with ceramic facing] Raschet kamennoi kladki s keramicheskoi oblitsovkoi. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 140 p.

OPEIKO, F. A. [Design stresses, theory of strength] Raschetnye napriazhenila; teoriia prochnosti. Minsk, Izd-vo Akad. sel'khoz. nauk BSSR, 1960. 19 p.

PAKHOMOV, IU. D. [Magnetic tape recorders manufactured abroad] Zarubezhnye magnitofony. Moskva, Gos. energ. izd-vo, 1961. 167 p. (Massovaia radiobiblioteka, no. 393)

PAVLOV, F. F., V. P. MASHKEVICH, and B. D. FEDOROV. [Geodesy] Geodeziia. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 274 p.

PAVLUSHKIN, N. M. [Sintered corundum] Spechennyi korund. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 206 p.

PETRUKHIN, P. M. [Prevention of silicosis and anthracosis in mines] Profilaktika silikoza i antrakoza na shakhtakh. Moskva, Gos. nauchno-tekhn. izd-vo po gornomu delu, 1960. 55 p.

PIL'SHCHIKOV, M. P. [Technology of feltwork and the manufacture of felt goods] Tekhnologiia valial'no-voilochnogo proizvodstva. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1960. 570 p.

POCHTENNYI, E. K. [Introduction to the dislocation theory of the deformation of machine parts] Vvedenie v dislokatsionnuiu teoriiu deformatsii detalei mashin. Minsk, Redaktsionno-izdatel'skii otdel BPI im. I. V. Stalina, 1960. 98 p.

.A. CHERNIGOVSKII. [De--scale draw blasting]
/bros.

PORTNOV, M. N. [Grain combines] Zernovye kombainy. Izd. 3., perer. i dop. Moskva, Vsesoiuznoe uchebno-pedagog. izd-vo Proftekhizdat, 1961. 344 p.

POTASHNIKOV, V. A. [Self-stressing reinforced concrete for mine supports] Samonapriazhennyi zhelezobeton dlia shakhtnoi krepi. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 106 p.

] PROBLEMS OF ENGINEERING GEOLOGY, collected studies. Translated from the English and French] Problemy inzhenernoi geologii, sbornik statei. Pod red. i s pred. G. S. Zolotareva i S. N. Maksimova. Moskva, Izd-vo inostr. lit-ry, No. 2 1960. 382 p.

PROFSOIUZ RABOCHIKH MASHINOSTROENIIA, TSentral'nyi komitet. [Rules for accident prevention and industrial hygiene in the production of acetylene, oxygen, and in the flame machining of metals] Pravila tekhniki bezopasnosti i proizvodstvennoi sanitarii pri proizvodstve atsetilena, kisloroda i gazoplamennoi obrabotke metallov. Soglasovany s Glavnoi Gosudarstvennoi sanitarnoi inspektsiiei SSSR 27 sentiabria 1959 g. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959. 100 p.

RADUKIN, V. P. [Labor organization in a workshop] Organizatsiia truda na rabochem meste. Moskva, Mashgiz, 1960. 16 p. (Biblioteka rabochego mashinostroitelia. Serila "Osnovy konkretnoi ekonomiki," no. 4)

RAEVSKII, N. P., and M. I. SUBBOTIN. [Measurement of linear accelerations] Izmerenie lineinykh uskorenii. Moskva, Izd-vo Akad. nauk SSSR, 1961. 62 p.

RAIKHENSHTEIN, I. TS. [Semiautomatic unit for cutting pipes] Poluavtomaticheskoe prisposobienie dlia razrezki trub. Leningrad, 1960. 11 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom, no. 23. Serila: Obrabotka metallov rezaniem, no. 4)

RASIZADE, IA. M., and S. G. KURBANOV. [Hydraulic fracturing and drilling problems] Gidravlicheskii razryv plasta i voprosy oslozhnenii pri burenii skvazhin. Red. A. Kh. Mirzadzhanzade. Baku, Azerbaidzhanskoe gos. izd-vo neft. i nauchno-tekhn. lit-ry, 1960. 100 p.

RODOV, G. M. and I. M. PODRABINNIK. [Automation of stamping equipment] Avtomatizatsiia shtampovochnogo oborudovaniia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 133 p.

ROSSOSHINSKII, A. A. [Metallography of welded joints] Metallografiia svarnykh shvov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 205 p.

ROSTOV-ON-DON. INSTITUT SEL'SKOKHOZIAISTVENNOGO MASHINOSTROENIIA. [Studies of the Department "Technology of Metals"; electrometallized pseudoalloys are new highly antifriction materials (properties, production and use)] Trudy Kafedry "Tekhnologiia metallov", elektrometallizatsionnye psevdosplavy--novye vysokoantifriktsionnye materialy (svoistva, poluchenie, primenenie). Rostov-na-Donu, M-vo vysshego obrazovaniia SSSR, 1958. 177 p.

ROZHIN, M. M. [Technological development in industry] Tekhnicheskii progress v promyshlennosti. Syktyvkar, Komi knizhnoe izd-vo, 1960. 31 p. (V pomoshch' izuchaiushchim voprosy ekonomiki v nachal'nykh ekonomicheskikh shkolakh)

RUSSIA (1917- R. S. F. S. R.) Glavnoe upravlenie po proizvodstvu elektromontazhnykh rabot. [Instructions for fitting bolted busbar joints and connecting them to the contact wires of VI-3-57, MS RSFSR apparatus] Instruktsiia po montazhu boltovykh soedinenii shin i prisoedinenii ikh k kontaktnym vyvodam apparatov VI-3-57, MS RSFSR. Moskva, Gos. energ. izd-vo, 1960. 45 p.

RUSSIA (1923- U. S. S. R.) Glavnoe upravlenie standartnogo domostroitel'stva. TSentral'noe biuro tekhnicheskoi informatsii. [Furniture for modern apartments] Mebel' dlia kvartir novogo tipa. Moskva, 1959. 293 p. illus.

RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Collection no. 31 of unified regional unit valuation sheets for mining operations, inclined shafts] Sbornik no. 31 edinykh raionnykh edinichnykh rastsenok na gornoprokhodcheskie raboty, naklonnye stvoly. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 234 p.

RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Engineering regulations SN 101-60 for the installation of boiler equipment] Tekhnicheskie usloviia na montazh kotel'nogo oborudovaniia. CH 101-60. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 58 p.

RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Instructions SN 128-60 on welding piping in interior sanitary systems] Instruktsiia po proizvodstvu svarki truboprovodov vnutrennikh sanitarno-tekhnicheskikh sistem, SN 128-60. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 16 p.

RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Standards and technical specifications SN-116-60 for designing livestock buildings] Normy i tekhnicheskie usloviia proektirovaniia ferm krupnogo rogatogo skota, CH 116-60. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 32 p. (DA)

RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po voprosam truda i zarabotnoi platy. [Standard production and wage norms in logging camps] Edinye normy vyrabotki i rastsenki na lesozagotovkakh. Moskva, Goslesbumizdat, 1960. 71 p.

RUSSIA (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 80-56 for checking standard meter calipers of the second category] Instruktsiia 80-56 po poverke obraztsovykh metrov-komparatorov 2-go razriada. Izd. ofitsial'noe. Moskva, 1957. 10 p.

RUSSIA (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 84-55 for checking metal rulers for measuring patterns including shrinkage (shrinkage rulers)] Instruktsiia 84-55 po poverke metallicheskikh lineek dlia izmereniia modelei s uchetom usadki litlia (usadochnye lineiki). Izd. ofitsial'noe. Moskva, 1957. 6 p.

RUSSIA (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 81-55 for checking metal measuring tapes of the second category] Instruktsiia 81-55 po poverke metallicheskikh roletok 2-go razriada. Izd. ofitsial'noe. Moskva, 1957. 11 p.

RUSSIA (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 87-55 for checking surveyors' measuring tapes] Instruktsiia 87-55 po poverke zemlemernykh roletok. Izd. ofitsial'noe. Moskva, 1957. 7 p.

RUSSIA (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 86-55 for checking metal and wooden-bar meter measures] Instruktsiia 86-55 po poverke metallicheskikh i dereviannykh bruskovykh metrov. Izd. ofitsial'noe. Moskva, 1956. 6 p.

RUSSIA (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 83-57 for checking metal measuring rulers] Instruktsiia 83-57 po poverke izmeritel'nykh metallicheskikh lineek. Izd. ofitsial'noe. Moskva, 1957. 11 p.

RUSSIA (1923- U. S. S. R.) Komitet standard, mer i izmeritel'nykh priborov. [Instructions 82-56 for checking standard scales of the first and second categories] Instruktsiia 82-56 po poverke obraztsovykh shkal 1-go i 2-go razriadov. Izd. ofitsial'noe. Moskva, 1957. 16 p.

RUSSIA (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instruction 50-57 for checking equal-arm steelyards] Instruktsiia 50-57 po poverke ravnoplechikh bezmenov. Izd. ofitsial'noe. Moskva, 1957. 6 p.

RUSSIA (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 58-54 for checking hydrostatic steelyard-type balances] Instruktsiia 58-54 po poverke gidrostaticheskikh vesov bezmennogo tipa. Izd. ofitsial'noe. Moskva, 15 p.

RUSSIA (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 55-54 for checking conveyor scales with a falling rod] Instruktsiia 55-54 po poverke konveiernykh vesov s padaiushchei reikoi. Izd. ofitsial'noe. Moskva, 1957. 20 p.

RUSSIA (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 54-56 for checking automatic batching scales for a limit weight over 5 kg] Instruktsiia 54-56 po poverke avtomaticheskikh portsionnykh vesov dlia predel'noi nagruzki svyshe 5 kg. Izd. ofitsial'noe. Moskva, 1956. 18 p.

RUSSIA (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 59-57 for checking liter-size grain testers] Instruktsiia 59-57 po poverke rabochikh litrovykh purok. Izd. ofitsial'noe. Moskva, 1958. 7 p.

RUSSIA (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 57-56 for checking equal-arm balances] Instruktsiia 57-56 po poverke ravnoplechikh vesov. Izd. ofitsial'noe. Moskva, 1956. 27 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 129-55 for checking sine rulers] Instruktsiia 129-55 po poverke sinusnykh lineek. Izd. ofitsial'noe. Moskva, 1957. 14 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 123-57 for checking dial gauges with a graduation value of 0.01 mm] Instruktsiia 123-57 po poverke indikatornykh skobs tsenoi deleniia 0,01 mm. Izd. ofitsial'noe. Moskva, 1958. 7 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 75-50 for checking gauge blocks of the first and second categories by means of the absolute interference method] Instruktsiia 75—50 dlia poverki ploskoparallel'nykh kontsevykh mer dliny 1-go i 2-go razriadov absoliutnym interferentsionnym metodom. Izd. ofitsial'noe. Moskva, 1957. 48 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 74-48 for checking crane beam balances] Instruktsiia 74-48 dlia poverki kranovykh rychazhnykh vesov. Izd. ofitsial'noe. Moskva, 1957. 15 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 70-56 for checking metal measuring tapes of the first category] Instruktsiia 70-56 po poverke metallicheskikh ruletok 1-go razriada. Izd. ofitsial'noe. Moskva, 1957. 11 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 71-47 for checking cans for scales] Instruktsiia 71-47 dlia poverki kontrol'nykh vesovykh platform. Izd. ofitsial'noe. Moskva, 1957. 6 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 77-55 for checking standard halched meter measures of the first category] Instruktsiia 77-55 po poverke obraztsovykh shtrikhovykh metrov 1-go razriada. Izd. ofitsial'noe. Moskva, 1956. 10 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 60-54 for checking counting balances] Instruktsiia 60-54 po poverke schetnykh vesov. Izd. ofitsial'noe. Moskva, 1956. 11 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 64-56 for checking quadrants] Instruktsiia 64-56 po poverke kvadrantov. Izd. ofitsial'noe. Moskva, 1957. 7 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 09-56 for checking weights (measures of mass)] Instruktsiia 09-56 po poverke rabochikh gir' (mer massy). Izd. ofitsial'noe. Moskva, 1956. 27 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 01-54 for checking butter-testing balances] Instruktsiia 01-54 po poverke maslopriobnykh vesov. Izd. ofitsial'noe. Moskva, 1957. 10 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 66-56 for checking standard weights of second and third categories] Instruktsiia 66-56 po poverke obraztsovykh gir' 2-go i 3-go razriadov. Izd. ofitsial'noe. Moskva, 1957. 15 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 63-55 for checking table dial balances] Instruktsiia 63-55 po poverke nastol'nykh tsiferblatnykh vesov. Izd. ofitsial'noe. Moskva, 1957. 10 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i stroitel'nykh priborov. [Instructions 62-54 for checking balances for testing potatoes] Instruktsiia 62-54 po poverke vesov dlia prob kartofelia. Izd. ofitsial'noe. Moskva, 1957. 8 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 30-55 for checking standard measuring vessels] Instruktsiia 30-55 po poverke obraztsovykh mernikov. Izd. ofitsial'noe. Moskva, 1957. 11 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 34-54 for checking DN-type vodka distributors] Instruktsiia 34-54 po poverke dozatorov vodki tipa DN. Izd. ofitsial'noe. Moskva, 1957. 6 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 30-55 for checking measuring vessels] Instruktsiia 30-55 po poverke tekhnicheskikh mernikov. Izd. ofitsial'noe. Moskva, 1957. 11 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 31-53 for checking glass technical volumetric vessels of the first and second category] Instruktsiia 31-53 po poverke mer vmestimosti steklannykh tekhnicheskikh 1-go i 2-go klassov. Izd. ofitsial'noe. Moskva, 1954. 37 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 37-55 for determining the capacity and calibration of stationary vertical tanks for petroleum products] Instruktsiia 37-55 po opredeleniiu vmestimosti i kalibrovke statsionarnykh vertikal'nykh rezervuarov dlia nefteproduktov. Izd. ofitsial'noe. Moskva, 1957. 31 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instruction 33-56 for checking milk rods] Instruktsiia 33-56 po poverke molokomerov. Izd. ofitsial'noe. Moskva, 1957. 11 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 32-53 for checking measuring mugs, metal conic volumeters, and glasses for measuring beverages] Instruktsiia 32-53 po poverke mernykh kruzhek, metallicheskikh konicheskikh mer vmestimosti i menzurok dlia otpuska napitkov. Izd. ofitsial'noe. Moskva, 1954. 20 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 20-56 for checking water meters and equipment for testing them] Instruktsiia 20-56 po poverke vodoschetchikov i ispytatel'nykh ustanovok dlia nikh. Izd. ofitsial'noe. Moskva, 1957. 28 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instruction 24-57 for checking kerosene pumps] Instruktsiia 24-57 po poverke dozatorov kerosina. Izd. ofitsial'noe. Moskva, 1957. 7 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 29-57 for checking slit up closers] Instruktsiia 29-57 po poverke dozatorov shpona. Izd. ofitsial'noe. Moskva, 1958. 6 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 21-49 for checking VP-4 moisture meters] Instruktsiia 21-49 dlia poverki vlagomerov tipa VP-4. Izd. ofitsial'noe. Moskva, 1957. 11 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 22-56 for checking gas meters and equipment for testing them] Instruktsiia 22-56 po poverke gazoschetchikov i ispytatel'nykh ustanovok dlia nikh. Izd.-ofitsial'noe. Moskva, 1956. 43 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 2-54 for checking standard spring manometers and vacuummeters] Instruktsiia 2-54 po poverke obraztsovykh pruzhinnykh manometrov i vakuummetrov. Izd. ofitsial'noe. Moskva, 1957. 14 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 208-54 for checking audio-frequency oscillators] Instruktsiia 208-54 po poverke generatorov zvukovoi chastoty. Izd. ofitsial'noe. Moskva, 1957. 11 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 218-57 for checking 44-I heterodyne frequency meters] Instruktsiia 218-57 po poverke geterodinnykh chastotomerov tipa 44-I. Izd. ofitsial'noe. Moskva, 1957. 10 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 211-54 for checking generators with a fixed frequency of 1000 c.p.s. using the radio-transmitted 1000 c.p.s. standard frequency] Instruktsiia 211-54 po poverke generatorov s fiksirovannoi chastotoi 1000 gts po peredavaemoi po radio etalonnoi chastote 1000 gts. Izd. ofitsial'noe. Moskva, 1957. 8 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 205-56 for checking 36-I microwave dielectric measuring devices] Instruktsiia 205-56 po poverke izmeritelei dielektrikov 3-santimetrovogo diapazona tipa 36-I. Izd. ofitsial'noe. Moskva, 1957. 7 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 215-54 for checking the frequency of electric oscillations of highly-stable oscillators, principal methods and regulations] Instruktsiia 215-54 dlia poverki chastoty elektricheskikh kolebanii vysokostabil'nykh generatorov, osnovnye polozhenia i metody. Izd. ofitsial'noe. Moskva, 1957. 35 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 256-57 for checking glass measuring burettes of nonautomatic chemical eudiometers] Instruktsiia 256-57 po poverke steklannykh izmeritel'nykh biuretok khimicheskikh neavtomaticheskikh gazoanalizatorov. Izd. ofitsial'noe. Moskva, 1957. 10 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 204-57 for checking echo boxes in the decimetric range] Instruktsiia 204-57 po poverke ekho-rezonatorov detsimetrovogo diapazona. Izd. ofitsial'noe. Moskva, 1957. 11 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 214-54 for checking X-band wave meters] Instruktsiia 214-54 po poverke rezonansnykh volnomerov trekhsantimetrovogo diapazona. Izd. ofitsial'noe. Moskva, 1956. 11 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 247-54 for checking stopwatches] Instruktsiia 247-54 po poverke sekundomerov. Izd. ofitsial'noe. Moskva, 1958. 16 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 246-54 for checking standard chronometers] Instruktsiia 246-54 po poverke obraztsovykh khronometrov. Izd. ofitsial'noe. Moskva, 1957. 36 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 242-57 for checking tachometers, speedometers and revolution counters] Instruktsiia 242-57 po poverke takhometrov, spidometrov i schetchikov oborotov. Izd. ofitsial'noe. Moskva, 1957. 26 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 209-56 for checking GSS-6 reference signal generators] Instruktsiia 209-56 po poverke generatorov standartnykh signalov tipa GSS-6. Izd. ofitsial'noe. Moskva, 1956. 19 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 219-55 for checking VVT-D heterodyne frequency meters] Instruktsiia 219-55 po poverke geterodinnogo chastotomera tipa VVT-D. Izd. ofitsial'noe. Moskva, 1957. 6 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 207-54 for checking crystal-controlled calibrating devices] Instruktsiia 207-54 po poverke kvartsevykh kalibratorov. Izd. ofitsial'noe. Moskva, 1957. 7 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 217-57 for checking s-band low power measuring devices] Instruktsiia 217-57 po poverke izmeritelia maloi moshchnosti desiatisantimetrovogo diapazona. Izd. ofitsial'noe. Moskva, 1957. 15 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 275-55 for the control of polarimeters, saccarimeters, and standard polarimetric quartz plates] Instruktsiia 275-55 po poverke poliarimetrov, sakharimetrov i obraztsovykh poliarimetricheskikh kvartsevykh plastinok. Izd. ofitsial'noe. Moskva, 1957. 18 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 274-54 for checking colorimeters] Instruktsiia 274-54 po poverke kolorimetrov. Izd. ofitsial'noe. Moskva, 1957. 6 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 271-57 for checking sets of optometric test lenses] Instruktsiia 271-57 po poverke meditsinskikh naborov probnykh ochkovykh stekol. Izd. ofitsial'noe. Moskva, 1957. 22 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 276-58 for checking portable selenium luxmeters] Instruktsiia 276-58 po poverke perenosnykh selenovykh liuksmetrov. Izd. ofitsial'noe. Moskva, 1958. 15 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 273-58 for checking sensitometers] Instruktsiia 273-58 po poverke sensitometrov. Izd. ofitsial'noe. Moskva, 1958. 18 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 206-57 for checking heterodyne frequency meters] Instruktsiia 206-57 po poverke geterodinnykh chastotomerov. Izd. ofitsial'noe. Moskva, 1958. 7 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 216-57 for checking IMM-2 low-power measuring devices] Instruktsiia 216-57 po poverke izmeritelei maloi moshchnosti tipa IMM-2. Izd. ofitsial'noe. Moskva, 1957. 10 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 265-54 for checking industrial capillary viscosimeters] Instruktsiia 265-54 po poverke rabochikh kapillarnykh viskozimetrov. Izd. ofitsial'noe. Moskva, 1957. 16 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 264-54 for checking metal alcoholometers] Instruktsiia 264-54 po poverke metallicheskikh spirtometrov. Izd. ofitsial'noe. Moskva, 1958. 93 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 261-55 for checking areometers] Instruktsiia 261-55 po poverke areometrov. Izd. ofitsial'noe. Moskva, 1957. 32 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 267-54 for checking glue concentration measuring devices] Instruktsiia 267-54 po poverke kleemerov. Izd. ofitsial'noe. Moskva, 1955. 28 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 266-55 for checking VU viscosimeters used for determining relative viscosity] Instruktsiia 266-55 po poverke viskozimetrov VU dlia opredeleniia uslovnoi viazkosti. Izd. ofitsial'noe. Moskva, 1958. 10 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instruction 263-55 for checking butterfat-testing devices] Instruktsiia 263-55 po poverke zhiromerov. Izd. ofitsial'noe. Moskva, 1956. 11 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 203-56 for checking KV-1 and UK-1 Q-meters] Instruktsiia 203-56 po poverke izmeritelei dobrotnosti tipov KV-1 i UK-1. Izd. ofitsial'noe. Moskva, 1957. 10 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 213-54 for checking tuned S-band wave meters] Instruktsiia 213-54 po poverke rezonansnykh volnomerov desiatisantimetrovogo diapazona. Izd. ofitsial'noe. Moskva, 1956. 11 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 236-56 for checking strain gauges] Instruktsiia 236-56 po poverke tenzometrov. Izd. ofitsial'noe. Moskva, 1957. 22 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 212-54 for checking tuned P-band and S-band wave meters] Instruktsiia 212-54 po poverke rezonansnykh volnomerov metrovogo i detsimetrovogo diapazonov. Izd. ofitsial'noe. Moskva, 1960. 20 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 220-55 for checking GCh-1 and GCh-1M heterodyne frequency meters] Instruktsiia 220-55 po poverke geterodinnykh chastotomerov tipa GCh-1 i GCh-1M. Izd. ofitsial'noe. Moskva, 1957. 11 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 225-55 for checking X-band absorbing attenuators] Instruktsiia 225-55 po poverke pogloshchaiushchikh oslabitelei trekhsantimetrovogo diapazona voln. Izd. ofitsial'noe. Moskva, 1957. 24 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 221-57 for checking X-band thermistorized low power measuring devices] Instruktsiia 221-57 po poverke termistornykh izmeritelei maloi moshchnosti trekhsantimetrovogo diapazona voln. Izd. ofitsial'noe. Moskva, 1957. 9 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo sel'skogo khoziaistva. Normativno-issledovatel'skaia stantsiia. [Structure cementing materials] Stroitel'nye rastvory. Moskva, 1959. 22 p. (Prakticheskoe posobie dlia sel'skogo stroitelia)

RUSSIA (1923- U.S.S.R.) Ministerstvo aviazi. Gosudarstvennyi nauchno-issledovatel'skii institut. [Color television; information manual] TSvetnoe televidenie; informatsionnyi sbornik. [n.p.] 1958. 112 p.

[PHOTOCOPY]

RUSSIA (1923- U.S.S.R.) Ministerstvo transportnogo stroitel'stva. [Instructions concerning the designation of flexible road surface designs (VSN-46-60 of the Ministry of Transportation Construction of the U.S.S.R.)] Instruktsiia po naznacheniiu konstruktsii dorozhnykh odezhd nezhestkogo tipa (VSN-46-60. Mintransstroi SSSR). Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transporta i shosseinykh dorog RSFSR, 1961. 76 p.

RUSTEM, S.L., and O.P. HARASHCHENKO. [Equipment, automation, and mechanization in heat-treating departments] Obladnannia, avtomatyzatsiia i mekhanizatsiia v termichnykh tsekhakh. Moskva, Derzh. naukovo-tekhn. vyd-vo mashynobudivnoi lit-ry, 1959. 371 p.

RZHAVSKII, E.L. [Mechanized cleaning of tanks] Mekhanizatsiia zachistki rezervuarov. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 44 p. (Obmen peredovym opytom)

SAFARIAN, M.K., and O.M. IVANTSOV. [Design and construction of steel tanks for petroleum products] Proektirovanie i sooruzhenie stal'nykh rezervuarov dlia nefteproduktov. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 325 p.

SAL'MAN, S.I. [Planning and design of flax-spinning factories] Proektirovanie l'noprialdil'nykh fabrik. Pod red. D.I. Libermana. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1960. 315 p.

SARKISOV, M.A. [Operation and study of the hydraulic structures and equipment of the Volga Hydroelectric Power Station] Ekspluatatsiia i issledovaniia gidrotekhnicheskikh sooruzhenii i oborudovaniia Volzhskoi GES imeni V.I. Lenina. Moskva, Gos. energ. izd-vo, 1961. 215 p.

SEVASTIANOV, M.I. [Safety engineering in performing rigging operations in the installation of electric systems] Tekhnika bezopasnosti pri proizvodstve takelazhnykh rabot na montazhe energeticheskikh ustanovok. Moskva, Gos. energ. izd-vo, 1960. 55 p. (Biblioteka elektromontera, no. 34)

SHAKHMATOV, V.M. [Welding of cast iron] Svarka chuguna. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 32 p. (Nauchno-populiarnaia biblioteka rabochego-svarshchika, no. 16)

SHAPIRO, A.E., and M.L. POLTEROVICH, comps. [German-Russian dictionary for leather and shoe industry] Nemetsko-russkii slovar' po kozhevennoi i obuvnoi promyshlennosti. Moskva, Glav. red. inostr. nauchno-tekhn. slovarei Fizmatgiza, 1960. 405 p.

SHIKHIEV, G.M., and others. [Organization and equipment of sea ports] Ustroistvo i oborudovanie morskikh portov. Moskva, Izd-vo "Morskoi transport," 1960. 413 p.

SHIPILOVA, A.I., and LUTSENKO, F.M. [The "Zaporozhets" small-displacement automobile] Mikrolitrazhnyi avtomobil' "Zaporozhets." [Zaporozh'e] Zaporozhskoe knizhno-gazetnoe izd-vo, 1960. 16 p.

SHOR, L.D. [Industrialization of underwater engineering operations in the laying of pipelines] Industrializatsiia podvodno-tekhnicheskikh rabot pri stroitel'stve magistral'nykh truboprovodov. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 40 p. (V pomoshch' rabotnikam gazovoi promyshlennosti)

SKOROVAROV, M.A. [Grain drying] Rezhimy sushki zerna. Pod red. B.V. Dammana. Moskva, Izd-vo tekhn. i ekon. lit-ry po voprosam khleboproduktov, 1959. 64 p.
(DA)

SMIRIAGIN, A.P., and others. [Handbook on the working of nonferrous metals and alloys] Spravochnik po obrabotke tsvetnykh metallov i splavov. Pod red. L.E. Millera. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 872 p.

SMIRNITSKII, E.K. [Machinery-industry worker and technological innovations] Rabochii - mashinostroitel' i tekhnicheskii progress. Moskva, Mashgiz, 1960. 49 p. (Biblioteka rabochego mashinostroitelia. Seriia: "Osnovy konkretnoi ekonomiki," no. 1)

SMIRNOV, V.I. [Theoretical study of the structure of linen-weave fabrics] Teoreticheskie issledovaniia stroeniia tkani polotnianogo perepleteniia. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1960. 99 p.

SOLONIN, A.T. [Calculation of the performance of loading and unloading machinery, mechanized units in railroad planning and construction] Raschet proizvoditel'nosti pogruzochno-vygruzochnykh mekhanizmov i ustroistv pri proektirovanii i stroitel'stve zheleznodorozhnogo transporta. Gos. izd-vo lit-ry po stroit., arkhit. i stroitel'nym materialam, 1960. 94 p.

SPIRIN, I.T. [In the blue sky] V golubom nebe. Izd-vo "Sovetskaia Rossiia," 1960. 201 p.

STEPANENKO, M.G. [Ways of improving pot furnaces] Puti sovershenstvovaniia vannykh steklovarennykh pechei. Moskva, Gos. izd-vo lit-ry po stroit. i stroit. materialam, 1960. 160 p.

STEPANOV, B.D. [Production organization and planning in enterprises of the meat industry] Organizatsiia i planirovanie proizvodstva na predpriiatiiakh miasnoi promyshlennosti. Moskva, Pishchepromizdat, 1960. 383 p.

STRAKHOV, S.V. [Transient processes in electric networks operating with a.c. machinery] Perekhodnye protsessy v elektricheskikh tsepiakh, soderzhashchikh mashiny peremennogo toka. Moskva, Gos. izd-vo, 1960. 216 p.

SUDERKIN, A.I. [Prospecting for deposits of fluorite; methodical guide] Poiski i razvedka mestorozhdenii opticheskogo flyuorita, metodicheskoe ukazanie. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1959. 37 p.

TARGULIAN, IU.O. [Artificial structures over subject to icing] Iskusstvennye sooruzheniia tokakh s nalediami. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh d RSFSR, 1961. 78 p.

TASHKENTSKAIA KONFERENTSIIA PO MIRNO ISPOL'ZOVANIIU ATOMNOI ENERGII, Tash [Works of the Tashkent Conference on the P Uses of Atomic Energy] Trudy. Tashkent. Vol. 2. 1960. 449 p.

TER-GALUSTOV, S.A. [Deep foundations prep means of drilling, foundations made by the d method using flushing fluids with subsequent processing of holes] Burovye opory glubokog zhenia; opory, vypolniaemye metodom burei tonirovaniia skvazhin pod glinistym rastvor skva, Izd-vo M-va komm. khoz. RSFSR, 1961.

TIAZHELOV, V.I. [Working a deposit by open mining in the winter time] Razrabotka mest otkrytym sposobom v zimnii period. [Irku Irkutskoe knizhnoe izd-vo, 1958. 127 p.

TIUTIUNOV, I.A. [Introduction to the theory formation of frozen rocks] Vvedenie v teor rovaniia merzlykh porod. Moskva, Izd-vo SSSR, 1961. 106 p.

TRUFANOVA, A.I. [Extending the life of meta Prodlenie zhizni metalla [Tula] Tul'skoe kn izd-vo, 1960. 110 p.

TSENTRAL'NAIA STANTSIIA IUNYKH TEKHN Moscow. [Simple transistorized receivers Prosteishie priemniki na poluprovodnikakh. Izd-vo "Detskii mir," 1961. 1 fold l. (Prilo zhurnalu "IUnyi tekhnik," no 10(100))

TSVETKOV, V.T. [Internal combustion engine and construction] Dvigateli vnutrennego sgo konstruktsiia i raschet. Izd. 2. Khar'kov, Khar'kovskogo gos. univ. im. A.M. Gor'kogo, 656 p.

UGINCHUS, A.A. [Computing percolation thro dams] Raschet fil'tratsii cherez zemlianye Moskva, Gos. energ. izd-vo, 1960. 140 p.

USHAKOV, S.S., and others. [Trends in the de of railroad traction equipment in foreign co Tendentsii razvitiia tiagovykh sredstv zhele nogo transporta za rubezhom. Moskva, Izd- Akad. nauk SSSR, 1961. 141 p.

VADACHKORIIA, V.I. [Investigating the mach of plastics with cutting tools] Issledovanie batyvaemosti plastmass rezaniem. Tbilisi Gruzinskogo politekhn. in-ta im. V.I. Lenin 68 p.

VAL'DGARD, S.L. [Electric engineering made ing] Zanimatel'naia elektrotekhnika. Moskv uchebno-pedagog. izd-vo Proftekhizdat, 19

VARLAMOV, A. N., D. F. KOVALEVSKII and F. V. DAZHORA. [Preparing complete prestressed concrete trusses on the construction site] Izgotovlenie tsel'nykh zheleznobetonnykh predvaritel'no napriazhennykh ferm na stroitel'noi ploshchadke, opyt Glavmosoblstroia. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 26 p.

VASIL'ENKO, P. M. [Theory of the movement of particles on rough surfaces of agricultural machines] Teoriia dvizhenila chastitsy po sherekhovatym poverkhnostiam sel'skokhoziaistvennykh mashin. Pod red. M. I. Medvedeva. Kiev, Izd-vo Ukr. Akad. sel'khoz. nauk, 1960. 283 p.

VLADIMIROV, B. M., and V. F. BELOSHAPKO. [Overall modernization of the equipment of cotton spinning factories] Kompleksnaia modernizatsiia oborudovaniia khlopkopriadil'nykh fabrik. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1960. 156 p.

VLASOV, A. D., and A. M. MLODIK. [Silence! Filming] Tikho! Idet s"emka. Moskva, Gos. izd-vo "Iskusstvo," 1960. 184 p.

VLASOVA, A. A., Z. S. DRUGALEVA, and L. M. ZHUKOVA. [How to increase labor productivity] Kak povysit' proizvoditel'nost' truda. Moskva, Mashgiz, 1960. 37 p. (Biblioteka rabochego mashinostroitelia. Seriia "Osnovy tekhnicheskoi ekonomiki," no. 6)

VOROB'EV, A. A. [Insulating properties, strength, and breakdown of dielectrics] Izoliatsionnye svoistva, prochnost' i razrushenie dielektrikov. Novosibirsk, Izd-vo Sibirskogo otd-niia AN SSSR, 1960. 198 p.

VOROB'EVA, T. M. [Electromagnetic clutches] Elektromagnitnye muftv. Moskva, Gos. energ. izd-vo, 1960. 206 p. (Biblioteka po avtomatike, no. 18)
[MICROFILM]

VORONETS, V. S. [Manual of a crane operator] Pamiatka kranovshchika. Izd. 4. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959. 104 p.

VOSKRESENSKII, N. A., A. I. UDITSKAIA, and T. M. LEBEDEVA. [Comparative evaluation of various methods of fish smoking] Sravnitel'naia otsenka razlichnykh sposobov kopchenila. Moskva, Vses. nauchno-issl. in-t morskogo rybnogo khoziaistva i okeanografii, 1960. 41 p. (Tekhnologiia obrabotki ryby)

VOSTOKOV, A. I., and I. P. LEPESHKIN. [Manufacture of sugar from beets] Proizvodstvo sakhara iz svekly. Izd. 2. Moskva, Pishchepromizdat. (Biblioteka molodogo rabochego)
No. 6. [Production of lime, lime milk, and carbonation gas] Polucheniie izvesti, izvestkovogo moloka i saturatsionnogo gaza. 1960. 45 p.

YAKUTSK (Province) Biuro tekhnicheskoi informatsii. [Followers of Aleksandr Kol'chik in Aldan] Posledovateli Aleksandra Kol'chika na Aldane. [Akutsk, IAkutskoe knizhnoe izd-vo, 1959. 28 p. (Peredoviki semiletki)

ZAIGEROV, I. B. [Reclamation of used sand mixtures, design of pneumatic reclaimers] Regeneratsiia otrabotannykh smesei v liteinom proizvodstve, konstruktsiia i raschet pnevmaticheskikh regeneratorov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 181 p.

ZAITSEV, I. I., and A. V. MYSHKIS. [Establishing technical standards in the rubber industry] Tekhnicheskoe normirovanie truda v rezinovoi promyshlennosti. [Moskva] Izd-vo VTsSPS Profizdat, 1960. 205 p.

ZARUBIN, L. S., and A. V. SHLAU. [Filter centrifuges for the dewatering of fine coals] Fil'truiushchie tsentrifugi dlia obezvozhivaniia melkogo uglia. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 110 p.

ZAVARITSKII, A. N. [Selected works] Izbrannye trudy. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 3. 1961. 702 p.

ZHIMERIN, D. G. [Development of electric power engineering in the U. S. S. R.] Razvitie energetiki SSSR. Moskva, Gos. energ. izd-vo, 1960. 326 p.
[MICROFILM]

ZOLOTYKH, V. T., comp. [English-Russian welding dictionary] Anglo-russkii slovar' po svarochnomu proizvodstvu. Moskva, Glav. red. inostr. nauchno-tekhn. slovarei Fizmatgiza, 1961. 191 p.

ZONN, M. G., and A. M. CHERENOV. [Instructions for laboratory work in the field of overhead communication lines] Rukovodstvo k laboratornym rabotam po vozdushnym liniiam sviazi. Leningrad, Elektrotekhn. in-t sviazi.
Pt. 1. [Testing the engineering properties of line wire and insulators and methods for splicing wires and fastening lines to poles] Ispytanie tekhnicheskikh svoistv lineinoi provoloki i izoliatorov, sposoby soedineniia kontsov provodov, ukrepleniie provodov na opornikh. Pod red. P. IA. Shnibel'ova. 1959. 29 p.

ZOREV, N. N., and G. S. KREIMER. [High-speed machining of steel with hard-alloy cutting tools under intermittent cutting conditions] Vysokoproizvoditel'naia obrabotka stali tverdosplavnymi reztsami pri preryvistom rezanii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 78 p.

17. MILITARY & NAVAL SCIENCES

BARDA-SKLIARENKO, V. T. [Freight transportation in sealed holds] Perevozka gruzov v oplombirovannykh trium̆akh. Moskva, Izd-vo "Morskoi transport," 1961. 40 p. (Ekonomika i ekspluatatsiia morskogo transporta)

KHVIUZOV, V. F. [Underwater ship repairs] Podvodnyi sudoremont. Moskva, Izd-vo "Morskoi transport," 1961. 81 p.

KRIUKHIN, S. P. [The 43d Army in the Vitebsk operation] 43-ia armiia v Vitebskoi operatsii. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 142 p.

KRAUCHANKA, I. S. [Work of the Communist Party of White Russia behind enemy lines, 1941-1944] Rabota Kompartyi Belarusi u tylu vraga, 1941-1944 hh. Minsk, Vyd-va Akad. navuk Belaruskai SSR, 1959. 171 p.

KUSHNAREV, V. A. [Oceanographic research vessels] Nauchno-issledovatel'skie suda. Moskva, Vses. nauchno-issl. in-t morskogo rybnogo i khoz. i okeanografii, 1960. 78 p.

MAKOVSKII, A. A., and B. M. RADCHENKO. [The Red Banner Caspian Fleet, an historical account] Kaspiiskaia Krasnoznamennaia, istoricheskii ocherk. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 191 p.

MAKSIMADZHI, M. I. [Pilotage in the Kiel, Suez, and Panama Canals] Lotsmanskaia sluzhba na Kil'skom Suetskom i Panamskom kanalakh. Moskva, Izd-vo "Morskoi transport," 1961. 42 p.

PETROV, V. N. [Hello, army! A soldier's diary] Zdravstvui, armiia! Iz soldatskogo dnevnika. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 60 p.

POLESHCHUK, V. E., and others. [The fighting and revolutionary traditions of the sailors of the Red Banner Caspian Fleet] Boevye i revoliutsionnye traditsii morskov Krasnoznamennoi Kaspiiskoi flotilii. Baku, Azerbaidzhanskoe gos. izd-vo, 1960. 178 p.

POVEROV, K. I. [Damage to power plants] Avarii silovykh ustanovok. Moskva, Izd-vo "Morskoi transport," 1960. 70 p.

[RECONNAISSANCE IN A RIFLE UNIT] Razvedka v strelkovykh podrazdeleniiakh. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 126 p.

SHAPOVALOV, P. B. [Ship canals and channels and the buoyage of waterways] Morskie kanaly i navigatsionnaia obstanovka morskikh putei. Moskva, Izd-vo "Morskoi transport," 1960. 204 p.

PART B—PERIODICALS

An asterisk (*) appearing before a periodical title indicates that it is available in full English translation. For publishers of such translated periodicals, their subscription prices, etc., see listing at end of this issue.

1. GENERAL

a. SCHOLARLY JOURNALS

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Izvestiia. Obshchestvennye nauki [ACADEMY OF SCIENCES OF THE ARMENIAN S. S. R. Bulletin. Social Sciences]. Erivan, no. 4, Apr. 1961. [In Armenian and Russian.]

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. Soobshchenila [ACADEMY OF SCIENCES OF THE GEORGIAN S. S. R. Reports]. Tiflis, vol. 24, no. 1, Jan. 1960.

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Vestnik [ACADEMY OF SCIENCES OF THE KAZAKH S. S. R. Journal]. Alma-Ata, vol. 17, no. 4(193), Apr. 1961.

AKADEMIIA NAUK SSSR. Dagestanskii filial, Makhachkala. Institut istorii, iazyka i literatury. Uchenye zapiski [ACADEMY OF SCIENCES OF THE U. S. S. R. Daghestan Branch, Institute of History, Language, and Literature. Studies]. Makhachkala, vol. 6, 1960.

AKADEMIIA NAUK SSSR. Sibirskoe otdelenie. Izvestiia [ACADEMY OF SCIENCES OF THE U. S. S. R. Siberian Department. Bulletin]. Novosibirsk, no. 3, 1961.

AKADEMIIA NAUK UZBEKSKOI SSR, Tashkent. Izvestiia [ACADEMY OF SCIENCES OF THE UZBEK S. S. R. Bulletin]. Tashkent, nos. 4, 6-7, 9-12, 1956.

ALMA-ATA. UNIVERSITET. Uchenye zapiski [UNIVERSITY. Studies]. Vol. 47, 1960. Seriia istoricheskaia [Series in history], no. 6.

BAKU. AZERBAIDZHANSKII GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. Trudy [AZERBAIJAN STATE PEDAGOGICAL INSTITUTE. Transactions]. Vol. 7, 1959.

CHELYABINSK. GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. Uchenye zapiski [STATE PEDAGOGICAL INSTITUTE. Studies]. Vol. 6, no. 1, 1959.

GORKIY. UNIVERSITET. Uchenye zapiski [UNIVERSITY. Studies]. No. 46, 1959.

KISHINEV. GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. Uchenye zapiski [STATE PEDAGOGICAL INSTITUTE. Studies]. Vol. 12, 1959.

KISHINEV. UNIVERSITET. Uchenye zapiski [UNIVERSITY. Studies]. Vols. 36-37, 1959.

LENINGRAD. UNIVERSITET. Vestnik [UNIVERSITY. Review].
Vol. 16, no. 7, 1961. Seriia matematiki, mekhaniki i astronomii [Series in Mathematics, Physics, and Chemistry], no. 2. [With summaries in English.]
Vol. 16, no. 8, 1961. Seriia istorii, iazyka i literatury [Series in History, Language, and Literature].
Vol. 16, no. 9, 1961. Seriia biologii [Series in Biology], no. 2. [With summaries in English.]
Vol. 16, no. 10, 1961. Seriia fiziki i khimii [Series in Physics and Chemistry], no. 2. [With summaries in English.]

LENINGRAD. UNIVERSITET. Uchenye zapiski [UNIVERSITY. Studies].
No. 294, 1961. Seriia vostokovedcheskikh nauk [Series in Oriental Studies], no. 12.
No. 290, 1961. Seriia filologicheskikh nauk [Series in the Philological Sciences], no. 59.

LENINGRAD. UNIVERSITET. Studencheskoe nauchnoe obshchestvo. Biulleten' [UNIVERSITY. Student Scholarly Society. Bulletin]. No. 2, 1959.

LIPETSK. GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. Uchenye zapiski [STATE PEDAGOGICAL INSTITUTE. Studies]. Vol. 2, 1958.

LYSTY DO PRYIATELIV. LETTERS TO FRIENDS. Newark, N.J., nos. 7, 9, Sept., Nov. 1953, nos. 1(23)-12(34), Jan.-Dec. 1955, vol. 4, nos. 1(35)-12(46), Jan.-Dec. 1956, vol. 9, no. 5/6(99/100), May-June 1961.

MOSCOW. GORODSKOI PEDAGOGICHESKII INSTITUT. Uchenye zapiski [MOSCOW CITY PEDAGOGICAL INSTITUTE. Studies]. Vol. 75, 1958. [Kafedra zarubezhnykh literatur, no. 3]

MOSCOW. MOSKOVSKII GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. Uchenye zapiski [MOSCOW STATE PEDAGOGICAL INSTITUTE. Studies]. Vol. 97, 1959; vol. 161, 1961.

NAUKOVE TOVARYSTVO IMENI SHEVCHENKA. Khronika [SHEVCHENKO SCIENTIFIC SOCIETY. Chronicle]. Paris, New York, Toronto, Sydney, no. 75, 1919; no. 77, 1954.

OBSHCHESTVENNYE NAUKI V UZBEKISTANE [SOCIAL SCIENCES IN UZBEKISTAN] Issued by Akademiia nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S. S. R.]. Tashkent, no. 1, 1961. [Supersedes: Akademiia nauk Uzbekskoi SSR. Izvestiia. Seriia obshchestvennykh nauk.]

SAMARKAND. UZBEKSKII GOSUDARSTVENNYI UNIVERSITET. Trudy [UZBEK STATE UNIVERSITY. Transactions]. No. 87, 1959.

SMOLENSK. GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. Uchenye zapiski [STATE PEDAGOGICAL INSTITUTE. Studies]. No. 9, 1959.

SOVETSKAIA ANTARKTICHESKAIA EKSPEDITSIIA, 1955-1958. Informatsionnyi biulleten' [SOVIET ANTARCTIC EXPEDITION, 1955-1958. Information Bulletin] Leningrad, nos. 22-24, 1960, no. 25, 1961.

STALINABAD. GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. Uchenye zapiski [STATE PEDAGOGICAL INSTITUTE. Studies]. Vol. 21, 1959.

STAVROPOL. GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. Nauchnye trudy [STATE PEDAGOGICAL INSTITUTE. Studies]. No. 20, 1959.
Contents: Bulatov, G. P. [The petit bourgeois economic theories in Russia, 1880-1890] Melkoburzhuaznye ekonomicheskie uchenila v Rossii, 1880-1890 gg. 286 p.

SVERDLOVSK. URAL'SKII GOSUDARSTVENNYI UNIVERSITET. Uchenye zapiski [URAL STATE UNIVERSITY. Studies]. No. 31, 1959.

No. 32, 1959.
Contents: Matveev, A. K. [Finno-Ugrian loan words in the Russian dialects of the Northern Urals] Finno-Ugorskie zaimstvovaniia v Russkikh govorakh Severnogo Urala. 123 p.

SYKTYVKAR. KOMI GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. Uchenye zapiski [KOMI STATE PEDAGOGICAL INSTITUTE. Studies]. No. 9, 1960.

TASHKENT. UNIVERSITET. Trudy Sredneaziatskogo gosudarstvennogo universiteta [UNIVERSITY. Transactions of the Central Asia State University]. No. 155, 1959. Geograficheskie nauki [Geographical Sciences], no. 14.
Contents: [Kashka Darya Province] Kashka-dar'inskaia oblast'. Vol. 1: [Nature] Priroda. 279 p.

No. 166, 1959. Geograficheskie nauki [Geographical Sciences], no. 15.
Contents: [Kashka-Darya Province] Kashka-dar'inskaia oblast'. Vol. 2: [Economic geography] Ekonomiko-geograficheskaia kharakteristika. 242 p.

TIFLIS. UNIVERSITET. Trudy [UNIVERSITY. Transactions]. No. 77, 1959. [In Russian and Georgian.]

TOMSK. UNIVERSITET. Uchenye zapiski [UNIVERSITY. Studies]. No. 31, 1959; no. 36, 1960.

UKRAINS'KYI OHLIAD. UKRAINIAN DIGEST. New York, no. 5, 1960. [In Ukrainian.]

VELIKIYE LUKI. GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. Uchenye zapiski [STATE PEDAGOGICAL INSTITUTE. Studies]. Vol. 4, no. 3, 1959.

VOPROSY IAZYKA I LITERATURY [PROBLEMS OF LANGUAGE AND LITERATURE]. Issued by Institut mezhdunarodnykh otnoshenii [Institute of International Relations]. Moscow, no. 1, 1959, no. 2, 1960.

b. POPULAR MAGAZINES

AMERIKA, illiustrirovannyi zhurnal [AMERICA ILLUSTRATED]. Published by the United States Information Agency. Washington, D. C., no. 57, [1961].

BIAROZKA [THE LITTLE BIRCH]. Issued by TSentral'n kamitet Lenінskaha komunistychnaha saiuza moladzi Belarusi and Respublikanki Savet pilanorskai organizatsyi imia V. I. Lenina [Central Committee of the White Russian Communist Youth League of Lenin and the Republican Council of Lenin Pioneers]. Minsk, vol. 37, no. 6, June 1961. [In White Russian.]

GDR, informatsiia i illiustratsii [GDR, Information and Illustrations]. Issued by Obshchestvo kul'turnykh sviazei s zagranitsei [Society for Cultural Relations With Foreign Countries]. Berlin, nos. 7, 9, 11-12, 1960; 1, 3-4, 1961.

KAPKĂN; Chuvashskii satiricheskii zhurnal [TRAP, Chuvash Satirical Magazine]. Cheboksary, vol. 21, no. 10(370), May 1961. [In Chuvash.]

KITAI [CHINA]. Published by Izdatel'stvo literatury na inostrannykh iazykakh [Publishing House for Literature in Foreign Languages]. Peiping, nos. 5-6, 1961.

KROKODIL [CROCODILE]. Issued by gazeta [Newspaper] "Pravda." Moscow, vol. 39, nos. 13(1627), 15(1629), May 1961.

KYIV [KIEV]. Published by Bohdan Romanenchuk. Philadelphia, vol. 12, no. 2(65), Mar.-Apr. 1961. [In Ukrainian.]

MEDENIET ZHENE TURMYS [CULTURE AND LIFE]. Issued by Ministerstvo Kul'tury Kazakhskoi SSR [Ministry of Culture of the Kazakh S. S. R.] Alma-Ata, nos. 4-5, Apr.-May 1961. [In Kazakh.]

MURZILKA [TINY TOT]. Issued by TSentral'nyi komitet Vsesoiuznogo Leninskogo kommunisticheskogo soiuza molodezhi and TSentral'nogo soveta Vsesoiuznoi pionerskoi organizatsii imeni V. I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the V. I. Lenin All-Union Pioneer Organization]. Moscow, no. 6, June 1961.

MUSHTUM [PUNCH]. Tashkent, vol. 38, no. 23(503), Dec. 1960. [In Uzbek.]

MY I SVIT. WE AND THE WORLD. Toronto, nos. 81-83, 1961. [In Ukrainian.]

NOVAIA KOREIA [NEW KOREA] Published by Izdatel'stvo literatury na inostrannykh iazykakh [Foreign-Language Publishing House]. Pyongyang, nos. 5(149)-6(150), 1961.

NOVOSTI KOREI [NEWS OF KOREA] Issued by TSentral'noe telegrafnoe agentstvo Korei [Central Telegraph Agency of Korea]. Pyongyang, vol 4, nos. 6,8, Feb.-Mar. 1961

OGONEK [THE LITTLE LIGHT]. Moscow, vol. 39, nos. 21(1770)-22(1771), May 1961.

PERETS' [PEPPER]. Issued by Vydavnytstvo [Publishing House] "Radians'ka Ukraina," Kiev, vol. 21, nos. 8(451)-11(454), Apr.-June 1961. [In Ukrainian.]

PIONER [PIONEER] Issued by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi and TSentral'nyi sovet Vsesoiuznoi pionerskoi organizatsii imeni V.I. Lenina. [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the All-Union Lenin Pioneers]. Moscow, vol 38, no. 5, May 1961.

PIONER [PIONEER]. Erivan, no. 5, May 1961. [In Armenian.]

RABOCHE-KRESTIANSKII KORRESPONDENT [WORKERS' AND PEASANTS' CORRESPONDENT]. Published by Izd-vo [Publishing House] "Pravda," Moscow, no. 6, June 1961.

SKYNTEIA LENINISTE [LENINIST SPARK] Issued by Moldavian Communist Youth League of Lenin Kishinev, vol 31, nos. 5-6, May-June 1961. [In Moldavian.]

SOTSIALISTYCHNA KUL'TURA [SOCIALIST CULTURE]. Organ of Ministerstvo kul'tury URSR [Ministry of Culture of the Ukrainian S.S.R.]. Kiev, vol. 14, no. 5, May 1961. [In Ukrainian.]

SOVREMENNAIA MONGOLIIA [CONTEMPORARY MONGOLIA]. Ulan Bator, no. 6, 1958.

UKRAINA [THE UKRAINE]. Published by Vydavnytstvo "Radians'ka Ukraina" [Publishing House "Soviet Ukraine"] Kiev, nos. 7(262)-8(263), Apr. 1960; nos. 10(280)-11(280), May-June 1961.

UKRAINS'KE TOVARYSTVO DRUZHBY I KUL'TURNOHO ZV'IAZKU Z ZARUBIZHNYMY KRAINAMY. Po radians'kii Ukraini, fotokhronika [UKRAINIAN SOCIETY FOR FRIENDSHIP AND CULTURAL RELATIONS WITH FOREIGN COUNTRIES. Through Soviet Ukraine, photo report]. Kiev, nos 4-5, 1961.

URAL'SKII SLEDOPYT [URAL PATHFINDER]. Issued by Sverdlovskoe otdelenie Soiuza pisatelei and Sverdlovskii obkom VLKSM [Sverdlovsk Branch of the Association of Writers and the Sverdlovsk Province Committee of the All-Union Communist Youth League of Lenin]. Sverdlovsk, nos. 1-4, Jan.-Apr. 1961.

ÜZBEKISTON [UZBEKISTAN]. Tashkent, vol. 18, nos. 11-12, 1959; vol. 19, nos. 1-4, 1960.

V'ETNAM [VIETNAM]. Hanoi, Vietnam, no. 4(43), 1961.

VOZHYK [HEDGEHOG]. Issued by TSentral'ny kamitet Komunistychnai partyi Belarusi [Central Committee of the Communist Party of White Russia]. Minsk, vol. 21, no. 10(512), May 1961. [In White Russian.]

VSESVIT. THE WORLD. Issued by Spilka pys'mennykiv Ukrainy and Ukraina'ke tovarystvo druzhby i kul'turnoho zv'iazku z zarubizhnymy krainamy [Association of Writers of the Ukraine and the Ukrainian Society for Friendship and Cultural Relations with Foreign Countries]. Kiev, vol. 4, no. 6(36), June 1961. [In Ukrainian.]

2. BIBLIOGRAPHY

a. BIBLIOGRAPHY

AKADEMIIA NAUK SSSR. Biblioteka. Novye inostrannye knigi, postupivshie v sistemu bibliotek [ACADEMY OF SCIENCES OF THE U.S.S.R. Library. New Foreign Books Received by the Library System]. Moscow, no. 101, 1961.

INFORMATSIONNYI UKAZATEL' BIBLIOGRAFICHESKIKH SPISKOV I KARTOTEK, SOSTAVLENNYKH BIBLIOTEKAMI SOVETSKOGO SOIUZA [INFORMATION INDEX OF BIBLIOGRAPHICAL LISTS AND CARD FILES, COMPILED BY THE LIBRARIES OF THE SOVIET UNION]. Issued by Gosudarstvennaia biblioteka SSSR [State Library of the U.S.S.R.] Moscow, nos. 9-11, May June 1961.

KNIZHNAIA LETOPIS' [BOOK CHRONICLE]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos. 20, 22-26, 1961.

LETOPIS' GAZETNYKH STATEI [CHRONICLE OF NEWSPAPER ARTICLES]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow nos 4-5, 1961. Vspomogatel'nye ukazateli k nos. 1-3 za 1961 god [Indexes to nos. 1-3 for 1961.]

LETOPIS' ZHURNAL'NYKH STATEI [CHRONICLE OF PERIODICAL ARTICLES]. Published by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos. 21-26, 1961.

MOSCOW. PUBLICHNAIA BIBLIOTEKA. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I. Lenina. Seriia 1 Fiziko-matematicheskie, khimicheskie i geologo-geograficheskie nauki, tekhnika i tekhnicheskie nauki [PUBLIC LIBRARY. Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 1 Physical-Mathematical, Chemical and Geological-Geographical Sciences, Technology and Technological Sciences]. Nos. 15-17, 1961.

MOSCOW. PUBLICHNAIA BIBLIOTEKA. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I. Lenina. Seriia 2: Biologicheskie, meditsinskie i sel'skokhoziaistvennye nauki [PUBLIC LIBRARY. Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 2: Biological, Medical, and Agricultural Sciences]. Nos 14-17, 1961.

MOSCOW. PUBLICHNAIA BIBLIOTEKA. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I. Lenina. Seriia 3: Obshchestvennye nauki, khudozhestvennaia literatura, iskusstvo [PUBLIC LIBRARY Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 3: Social Sciences, Belles-Lettres, Art]. Nos. 15-17, 1961.

MOSCOW. PUBLICHNAIA BIBLIOTEKA. Otdel rukopisei. Zapiski [PUBLIC LIBRARY. Manuscript Division. Records]. No. 21, 1959; no. 22, 1960.

NOVAIA LITERATURA PO EVROPEISKIM STRANAM NARODNOI DEMOKRATII: VENGRIIA [NEW LITERATURE ON EUROPEAN PEOPLE'S DEMOCRACIES: HUNGARY]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 3, 1961.

NOVAIA LITERATURA PO EVROPEISKIM STRANAM NARODNOI DEMOKRATII I SLAVIANOVEDENIIU: CHEKHOSLOVAKIIA [NEW LITERATURE ON EUROPEAN PEOPLE'S DEMOCRACIES AND SLAVIC STUDIES: CZECHOSLOVAKIA]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 3, 1961.

NOVAIA LITERATURA PO EVROPEISKIM STRANAM NARODNOI DEMOKRATII I SLOVIANOVEDENIIU: POL'SHA [NEW LITERATURE ON EUROPEAN PEOPLE'S DEMOCRACIES AND SLAVIC STUDIES: POLAND]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 3. 1961.

NOVAIA LITERATURA PO IUGOSLAVII [NEW LITERATURE ON YUGOSLAVIA]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 3, 1961.

NOVAIA SOVETSKAIA I INOSTRANNAIA LITERATURA PO STRANAM ZARUBEZHNOGO VOSTOKA [NEW SOVIET AND FOREIGN LITERATURE ON THE COUNTRIES OF THE NON-SOVIET EAST]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 3, 1961.

NOVAIA SOVETSKAIA LITERATURA O NAUKE I NAUCHNO-ISSLEDOVATEL'SKOI RABOTE V SSSR [NEW SOVIET LITERATURE ON SCIENCE AND GENERAL RESEARCH IN THE U.S.S.R.]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 3, 1961.

NOVYE KNIGI [NEW BOOKS]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos. 22-26, May-June 1961.

NOVYE KNIGI ZA RUBEZHOM. Seriia V Biologiia, meditsina, sel'skoe khoziaistvo [NEW FOREIGN BOOKS. Series V: Biology, Medicine, Agriculture]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, vol. 6, no. 5, May 1961.

NOVYE KNIGI ZA RUBEZHOM PO OBSHCHESTVENNYM NAUKAM, ekonomika, filosofiia, istoriia, mezhdunarodnye otnosheniia [NEW FORLIGN BOOKS ON THE SOCIAL SCIENCES, Economics, Philosophy, History, International Relations]. Issued by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, vol. 4, no. 5, May 1961

SOVETSKAIA BIBLIOGRAFIIA [SOVIET BIBLIOGRAPHY]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber] Moscow, no. 2(60), 1961.

SVODNYI BIULLETEN' NOVYKH INOSTRANNYKH KNIG, POSTUPIVSHIKH V BIBLIOTEKI SSSR. Seriia A Estestvennye nauki, meditsina, sel'skoe khoziaistvo, tekhnika [UNION LIST OF NEW FOREIGN BOOKS RECEIVED BY THE LIBRARIES OF THE U.S.S.R. Series A: Natural Sciences, Medicine, Agriculture, Technology] Moscow, nos. 1(59)-2(60), 1961

SVODNYI BIULLETEN' NOVYKH INOSTRANNYKH KNIG, POSTUPIVSHIKH V BIBLIOTEKI SSSR Seriia B Obshchestvennye nauki [UNION LIST OF NEW FOREIGN BOOKS RECEIVED BY THE LIBRARIES OF THE U.S.S.R. Series B: Social Sciences]. Moscow, nos. 1(61)-2(52), 1961.

V MIRE KNIG [IN THE WORLD OF BOOKS] Organ of Ministerstv kul'tury SSSR i RSFSR [Ministries of Culture of the U.S.S.R. and the R.S.F.S.R.]. Moscow, vol. 1, nos. 1-5, Jan.-May 1961.

b. LIBRARIES & LIBRARY SCIENCE

BIBLIOTEKAR' [THE LIBRARIAN]. Organ of Ministerstvo kul'tury RSFSR [Ministry of Culture of the R.S.F.S.R.]. Moscow, no. 5, May 1961.

c. PRINTING & THE BOOK TRADE

POLIGRAFICHESKOE PROIZVODSTVO [PRINTING INDUSTRY] Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.]. Moscow, no. 4, Apr. 1961.

RASPROSTRANENIE PECHATI [DISTRIBUTION OF PUBLICATIONS]. Issued by Glavnoe upravlenie Soiuz pechati Ministerstva sviazi SSSR [Main Administration for the Distribution of Printed Matter of the Ministry of Communications of the U.S.S.R.]. Moscow, nos. 1, 3-4, Jan., Mar.-Apr. 1961.

SOVETSKAIA KNIZHNAIA TORGOVLIA [SOVIET BOOK TRADE]. Organ of Ministerstvo kul'tury SSSR and TSentral'nyi soiuz potrebitel'skikh obshchestv SSSR [Ministry of Culture of the U.S.S.R. and the Central Union of Consumers Societies of the U.S.S.R.]. Moscow, vol. 13 nos. 4-5, Apr.-May 1961.

3. PHILOSOPHY & RELIGION

a. PHILOSOPHY

VOPROSY FILOSOFII [PROBLEMS OF PHILOSOPHY]. Issued by Institut filosofii Akademii nauk SSSR [Institute of Philosophy of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 15, no. 5, 1961.

VOPROSY PSIKHOLOGII [PROBLEMS OF PSYCHOLOGY]. Issued by Akademiia pedagogicheskikh nauk RSFSR [Academy of Pedagogical Sciences of the R.S.F.S.R.]. Moscow, vol. 6, no. 3, May-June 1960.

b. RELIGION

BRATSKII VESTNIK [HERALD OF BROTHERHOOD]. Issued by Vsesoiuznyi sovet evangel'skikh khristian-baptistov [All-Union Council of Evangelical Christians and Baptists]. Moscow, no. 1, 1960.

ORTHODOX EASTERN CHURCH, RUSSIAN. Patriarch. Bogoslovskie trudy [Theological works]. Moscow, no. 1, 1960.

ORTHODOX EASTERN CHURCH, RUSSIAN. Patriarch. Zhurnal Moskovskoi Patriarkhii [Journal of the Moscow Patriarchate]. Moscow, nos. 4-5, Apr.-May 1961.

PRAVOSLAVNAIA RUS'. ORTHODOX RUSSIA. Issued by the Holy Trinity Monastery, Jordanville, N.Y., vol. 32, nos. 9(722)-12(725), May-June 1961.

PRAVOSLAVNAIA ZHIZN'. ORTHODOX LIFE. Monthly supplement to "Pravoslavnaia Rus'" ["Orthodox Russia"]. Published by the Holy Trinity Monastery, Jordanville, N.Y., nos. 5-6, Apr.-June 1961.

RUSSKO-AMERIKANSKII PRAVOSLAVNYI VESTNIK. THE RUSSIAN AMERICAN ORTHODOX MESSENGER. Organ of Mitropolichii okrug Russkoi Pravoslavnoi TSerkvi v Amerike [Metropolitanate of the Russian Orthodox Church in America]. New York, vol. 57, nos. 5-6, May-June 1961.

VOIOVNYCHYI ATEIST [MILITANT ATHEIST]. Issued by Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR [Society for Dissemination of Political and Scientific Knowledge of the Ukrainian S. S. R.]. Kiev, nos. 4-5, Apr.-May 1961

4. HISTORY

a GENERAL

AKADEMIIA NAUK SSSR. Institut istorii. Vestnik drevnei istorii [ACADEMY OF SCIENCES OF THE U. S. S. R Institute of History. Review of Ancient History]. Moscow, no 1(75), 1961.

AKADEMIIA NAUK SSSR. Institut slavianovedeniia. Kratkie soobshchenila [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of Slavic Studies. Brief Reports]. Moscow, no. 31, 1961.

AKADEMIIA NAUK SSSR. Institut vostokovedeniia. Kratkie soobshchenila [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of Oriental Studies. Brief Reports]. Moscow, no. 41, 1959; no. 37, 1960.

AKADEMIIA NAUK SSSR. Institut vostokovedeniia. Uchenye zapiski [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of Oriental Studies. Studies]. Moscow, vol. 23, 1959.

AKADEMIIA NAUK SSSR. Komi filial, Syktyvkar. Istoriko-filologicheskii sbornik [ACADEMY OF SCIENCES OF THE U. S. S. R. Komi Branch. Historical and Philological Review]. Syktyvkar, no. 5, 1960.

INSTITUT ZUR ERFORSCHUNG DER UdSSR. Materialy i soobshchenila Issledovatel'skogo otdela [INSTITUTE FOR THE STUDY OF THE U. S. S. R. Materials and Reports of the Research Department]. Munich, no 24(152), 1961.

ISTORIIA SSSR [HISTORY OF THE U. S. S. R.]. Issued by Institut istorii Akademii nauk SSSR [Institute of History of the Academy of Sciences of the U. S. S. R.]. Moscow, vol. 5, nos. 2-3, Mar.-June 1961.

KALENDAR' ZNAMENATEL'NYKH I PAMIATNYKH DAT [CALENDAR OF SIGNIFICANT AND MEMORABLE DATES]. Issued by Gosudarstvennoe izd-vo kul'turno-prosvetitel'noi lit-ry and Gosudarstvennaia publichnaia istoricheskaia biblioteka RSFSR [State Publishing House of Cultural and Educational Literature and the State Public Historical Library of the R. S. F. S. R.]. Moscow, vol. 6, nos. 2-3, Feb.-Mar. 1961.

NOVAIA I NOVEISHAIA ISTORIIA [MODERN AND RECENT HISTORY]. Issued by Institut istorii Akademii nauk SSSR [Institute of History of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 3, 1961.

PREPODAVANIE ISTORII V SHKOLE [TEACHING HISTORY IN SCHOOLS]. Published by Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R. S. F. S. R.]. Moscow, vol. 16, no. 3, May-June 1961.

PROBLEMY ISTOCHNIKOVEDENIIA [PROBLEMS OF THE STUDY OF HISTORICAL SOURCES]. Issued by Institut istorii Akademii nauk SSSR [Institute of History of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 9, 1961.

STUDIA MONGOLICA [MONGOLIAN STUDIES]. Issued by Institutum Linguae et Litterarum [Institute of Language and Literature]. Ulan-Bator, vol. 1, no. 29, 1959. [In Mongolian.]

TIFLIS. MUZEI GRUZII. Vestnik [MUSEUM OF GEORGIA. Review]. Vol. 18A, 1959. [In Georgian with summaries in Russian.]

UKRAINS'KYI ISTORYCHNYI ZHURNAL [UKRAINIAN HISTORICAL JOURNAL]. Issued by Instytut istorii Akademii nauk URSR [Institute of History of the Academy of Sciences of the Ukrainian S. S. R.]. Kiev, vol. 4, no. 2, Mar.-Apr. 1960; vol. 6, no. 3, May-June 1961. [In Ukrainian.]

VOENNO-ISTORICHESKII ZHURNAL [MILITARY HISTORY JOURNAL]. Organ of Ministerstvo oborony SSSR [Ministry of Defense of the U. S. S. R.]. Moscow, vol. 3, nos. 5-6, May-June 1961.

YAROSLAVL'. OBLASTNOI KRAEVEDCHESKII MUZEI. Kraevedcheskie zapiski [REGIONAL LOCAL MUSEUM Local Lore Notes]. No. 3, 1958.
Contents: Luk'ianov, V. V. [A brief description of the manuscript collection in the Yaroslavl Province Local Lore Museum] Kratkoe opisanie kollektsii rukopisei Iaroslavskogo oblastnogo kraevedcheskogo muzeia. 286 p.

b. ARCHAEOLOGY & ANTIQUITIES

AKADEMIIA NAUK URSR, Kiev. Instytut arkheologii. Arkheologichni pam'iatky URSR [ACADEMY OF SCIENCES OF THE UKRAINIAN S. S. R. Institute of Archaeology. Archaeological Monuments of the Ukrainian S. S. R.]. Kiev, vol. 8, 1960.

MATERIALY I ISSLEDOVANIIA PO ARKHEOLOGII SSSR [MATERIALS AND RESEARCH IN THE ARCHAEOLOGY OF THE U. S. S. R.]. Issued by Institut arkheologii Akademii nauk SSSR [Institute of Archaeology of the Academy of Sciences of the U. S. S. R.] Moscow, no. 95, 1961.
Contents: Smirnov, A. P. [Iron Age of the Chuvash Volga Valley] Zheleznyi vek Chuvashskogo Povolzh'ia. 169 p.

5. SOCIAL SCIENCES

a. COMMERCE

BUKHGALTERSKII UCHET [ACCOUNTING]. Organ of Ministerstvo finansov SSSR [Ministry of Finance of the U. S. S. R.]. Moscow, vol. 18, no. 5, May 1961.

SOVETSKAIA TORGOVLIA [SOVIET COMMERCE]. Organ of Ministerstvo torgovli RSFSR [Ministry of Commerce of the R. S. F. S. R.]. Moscow, vol. 33, no. 4, Apr. 1960; vol. 34, no. 5, May 1961.

b ECONOMICS

EKONOMIKA STROITEL'STVA [ECONOMICS OF CONSTRUCTION]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U. S. S. R. for Construction]. Moscow, no. 4, Apr. 1961.

LENINGRAD. FINANSOVO-EKONOMICHESKII INSTITUT. Nauchnye zapiski [INSTITUTE OF FINANCE AND ECONOMICS. Studies]. No. 19, 1959.

MIROVAIA EKONOMIKA I MEZHDUNARODNYE OTNOSHENIIA [WORLD ECONOMICS AND INTERNATIONAL RELATIONS]. Issued by Institut mirovoi ekonomiki i mezhdunarodnykh otnoshenii Akademii nauk SSSR [Institute of World Economics and International Relations of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 6, June 1961.

MOSCOW, UNIVERSITET. Vestnik. Seriia 6: Ekonomika, filosofiia [UNIVERSITY. Review. Series 6: Economics, Philosophy]. Vol. 15, no. 1, 1960.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT EKONOMIKI SEL'SKOGO KHOZIAISTVA. Doklady i soobshchenila [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF AGRICULTURAL ECONOMICS. Reports and Papers]. No. 9, 1960.

NARODNOE KHOZIAISTVO KAZAI
NATIONAL ECONOMY OF KAZ
by Gosplan Kazakhskoi SSR [Sta
mission of the Kazakh S. S. R.].
no. 5, May 1961.

NOVAIA INOSTRANNAIA EKONOI
TURA [NEW FOREIGN ECONO
Issued by Fundamental'naia bil
nykh nauk Akademii nauk SSSR
of Social Sciences of the Acade
U. S. S. R.]. Moscow, no. 3, 1

NOVAIA SOVETSKAIA EKONOMI
[NEW SOVIET ECONOMIC LIT
by Fundamental'naia biblioteka
Akademii nauk SSSR [Fundame
Sciences of the Academy of Sci
Moscow, nos. 12-13 '61.

PLANOVOE KHOZIAISTVO [PLA
Issued by Gosekonomsovet SSS
[State Economic Council of the
State Planning Commission of
Moscow, vol. 38, no. 6, June

PYTANNIA ROZVYTKU PRODUKTYVNYKH SYL L'VIVS'KOHO I STANISLAVS'KOHO EKONOMICHNYKH ADMINISTRATYVNYKH RAIONIV [PROBLEMS OF THE DEVELOPMENT OF THE PRODUCTIVE FORCES OF LVOV AND STANISLAV ECONOMIC ADMINISTRATIVE REGIONS]. Issued by Rada po vyvchenniu produktyvnykh syl URSR Akademii nauk URSR and L'vivs'kyi derzhavnyi universytet [Council on the Study of the Productive Forces of the Ukrainian S. S. R. of the Academy of Sciences of the Ukrainian S. S. R. and Lvov State University]. Kiev, no. 1, 1960. [In Ukrainian.]
[MICROFILM]

REFERATIVNYI SBORNIK EKONOMIKA PROMYSHLENNOSTI [JOURNAL OF ABSTRACTS ECONOMICS OF INDUSTRY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 5, May 1961 Predmetnyi ukazatel' za 1960 [Subject Index for 1960]. Avtorskii ukazatel' za 1960 [Author Index for 1960]

SOVETSKAIA POTREBITEL'SKAIA KOOPERATSIIA [SOVIET CONSUMER COOPERATION]. Issued by TSentral'nyi soiuz potrebitel'skikh obshchestv SSSR [Central Association of Consumer Unions of the U. S. S. R.]. Moscow, vol. 1, no. 4, Apr. 1960; vol. 5, no. 5, May 1961.

UCHET I FINANSY V KOLKHOZAKH I SOVKHOZAKH [ACCOUNTING AND FINANCE ON COLLECTIVE AND STATE FARMS]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of of the U. S. S. R.]. Moscow, vol. 18, nos. 5-6, May-June 1961.

VESTNIK STATISTIKI [STATISTICAL REVIEW]. Organ of TSentral'noe statisticheskoe upravlenie SSSR [Central Statistical Administration of the U. S. S. R.]. Moscow, no 5, 1961.

*VOPROSY EKONOMIKI [PROBLEMS OF ECONOMICS]. Issued by Institut ekonomiki Akademii nauk SSSR [Institute of Economics of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 5, May 1961.

c FINANCE

DEN'GI I KREDIT [MONEY AND CREDIT]. Published by Gosudarsivennyi bank SSSR [U. S. S. R. State Bank]. Moscow, vol. 19, no. 5, May 1961.

FINANSY SSSR [FINANCE OF THE U. S. S. R.]. Published by Ministerstvo finansov SSSR [Ministry of Finance of the U. S. S. R.]. Moscow, vol. 22, no. 5, May 1961.

d LABOR

BEZOPASNOST' TRUDA V PROMYSHLENNOSTI [INDUSTRIAL SAFETY]. Organ of Komitet po nadzoru za bezopasnym vedeniem rabot v promyshlennosti i gornomu nadzoru pri Sovete Ministrov RSFSR [Committee for Safety Inspection in Industry and Mining, Attached to the Council of Ministers of the U. S. S. R.]. Moscow, vol. 4, no. 6, May 1960; vol. 5, no. 5, May 1961.

BIULLETEN' NAUCHNOI INFORMATSII, TRUD I ZARABOTNAIA PLATA [BULLETIN OF SCIENTIFIC INFORMATION' LABOR AND WAGES]. Issued by Nauchno-issledovatel'skii institut truda Gosudarstven-

e SOCIOLOGY

KAZAKSTAN ÉIELDERI [KAZAKHSTAN WOMAN] Alma-Ata, no 5, May 1961 [In Kazakh.]

KOMSOMOL'SKAIA ZHIZN' [LIFE OF COMMUNIST YOUTH]. Issued by TSentral'nyi Komitet Vsesoiuznogo Leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, nos. 3-5, Feb - Mar. 1960, nos. 15, 16, 17-18, Aug -Sep. 1960, nos 9-11, May-June 1961

RADIANS'KA ZHINKA [SOVIET WOMAN]. Issued by Ukrains'ka respublikans'ka rada professlinykh spilok and Spilka radians'kykh pys'mennykiv Ukrainy [Ukrainian Republican Council of Trade Unions and of the Association of Soviet Writers of the Ukraine]. Kiev, vol 16, nos. 5(185)-6(186), May-June 1961 [In Ukrainian.]

SMENA [THE YOUNGER GENERATION] Organ of TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, vol. 38, nos. 7-8, Apr. 1961.

SOTSIAL'NOE OBESPECHENIE [SOCIAL SECURITY]. Issued by Ministerstvo sotsial'nogo obespechenila RSFSR [Ministry of Social Security of the R. S. F. S. R.]. Moscow, vol. 22, no. 5, May 1961.

ZMINA [THE YOUNGER GENERATION]. Issued by TSentral'nyi komitet Leninskoho komunistychnoho soiuzu molodi Ukrainy [Central Committee of the Ukrainian Communist Youth League of Lenin] Kiev, no. 6(69), June 1961 [In Ukrainian.]

6. POLITICAL SCIENCE

BLOKNOT AGITATORA [THE AGITATOR'S NOTEBOOK]. Issued by Viddil propahandy i aghitatsii TSentral'noho komitetu Komunistychnoi partii Ukrainy [Propaganda and Dissemination Section of the Central Committee of the Communist Party of the Ukraine]. Kiev, no 12, Apr. 1960. [In Ukrainian.]

KAMUNIST BELARUSI [COMMUNIST OF WHITE RUSSIA]. Issued by TSentral'ny kamitet Kamunistychnai partyi Belarusi [Central Committee of the Communist Party of White Russia]. Minsk, vol 35, no 5, May, 1961 [In White Russian.]

KAZAKSTAN KOMMUNISI [COMMUNIST OF KAZAKHSTAN]. Issued by the Communist Party of Kazakhstan. Alma-Ata, vol. 40, no. 5, May 1961. [In Kazakh.]

KOMMUNIST [COMMUNIST] Organ of TSentral'nyi komitet Kommunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, vol. 38, no. 9, June 1961.

KOMMUNIST BELORUSSII [COMMUNIST OF WHITE RUSSIA]. Organ of TSentral'nyi komitet Kommunisticheskoi partii Belorussii [Central Committee of the Communist Party of White Russia]. Minsk, vol. 34, no. 4, Apr. 1960.

KOMMUNIST MOLDAVII [COMMUNIST OF MOLDAVIA]. Issued by TSentral'nyi komitet Kommunisticheskoi partii Moldavii [Central Committee of the Communist Party of Moldavia]. Kishinev, vol. 5, no. 4, Apr. 1960, vol. 6, no. 5, May 1961.

OMMUNIST UKRAINY [COMMUNIST OF THE UKRAINE]. Issued by TSentral'nyi komitet Komunistychnoi partii Ukrainy [Central Committee of the Communist Party of the Ukraine]. Kiev, vol. 35, nos. 5-6, May-June 1961. [In Ukrainian.]

OMMUNISTI TOCHIKISTON [COMMUNIST OF TAJIKISTAN]. Issued by the Central Committee of the Communist Party of Tajikistan. Stalinabad, vol. 26, no. 5, May 1961. [In Tajik.]

MEZHDUNARODNAIA ZHIZN' [INTERNATIONAL LIFE]. Published by Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii [All-Union Society for the Dissemination of Political and Scientific Knowledge]. Moscow, vol. 8, no. 6, June, 1961.

OLODOI KOMMUNIST [THE YOUNG COMMUNIST]. Organ of TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, no. 5, May 1961.

OSCOW. Ispolnitel'nyi komitet. Biulleten' [Executive Committee. Bulletin]. No.10(472), May 1961.

NOVOE VREMIA [NEW TIMES]. Moscow, vol. 19, nos. 21(835)-25(839), May-June 1961.

PARTIINAIA ZHIZN' [PARTY LIFE]. Issued by TSentral'nyi komitet Kommunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, nos. 11-13, June-July 1961.

PARTIINAIA ZHIZN' KAZAKHSTANA [PARTY LIFE OF KAZAKHSTAN]. Issued by TSentral'nyi komitet KP Kazakhstana [Central Committee of the Communist Party of Kazakhstan]. Alma-Ata, vol. 30, no. 4, Apr. 1960, vol. 31, nos. 5-6, May-June 1961.

POLITICHESKOL SAMOOBRAZOVANIE [POLITICAL SELF-EDUCATION] Issued by TSentral'nyi komitet kommunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, vol. 5, nos. 5-6, May-June 1961.

RUSSIA (1917- R.S.F.S.R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette] Moscow, vol 5, nos. 20(141)-27(141), May-June 1961

RUSSIA (1923- U.S.S.R.) Verkhovnyi Sovet Vedomosti [Supreme Soviet. Gazette]. Moscow, vol 24, nos. 23(1058)-24(1059), June 1961.

RUSSKOE DELO. RUSSIAN CAUSE. Issued by Predstavitel'stvo rossiiskikh emigrantov v Amerike [Russian Immigrants' Representative Association in America]. New York, vol 3, no. 5(20), May 1961.

SOTSIALISTICHESKII VESTNIK. THE SOCIALIST COURIER. Organ of Rossiiskaia sotsial-demokraticheskaia rabochaia partiia [Russian Social Democratic Workers' Party] New York, vol. 40, nos. 5(753)-6(754), May-June 1961.

SOVIETY DEPUTATOV TRUDIASHCHIKHSIA [SOVIETS OF WORKERS' DEPUTIES]. Issued by gazeta [newspaper] "Izvestiia." Moscow, no. 6, June 1961.

UKRAINS'KYI SAMOSTINYK [UKRAINIAN INDEPENDENT] Munich, vol. 12, no. 3(137), March 1961. [In Ukrainian.]

TURKMENISTAN KOMMUNISTI [COMMUNIST OF TURKMENISTAN]. Organ of the Central Committee of the Communist Party of Turkmenistan. Ashkhabad, vol 35, no. 9, Sep 1960. [In Turkmen.]

V ZASHCHITU MIRA [IN DEFENSE OF PEACE]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, no. 5(120), May 1961.

7. LAW

MOSCOW. UNIVERSITET. Vestnik. Seriia 10 Pravo [UNIVERSITY. Review. Series 10. Law]. Vol. 15, nos. 1-2, Jan. -June 1960.

RADIANS'KE PRAVO [SOVIET LAW] Issued by Ministerstvo iustytsii URSR, Prokuratura URSR, Verkhovnyi Sud URSR, Sektor derzhavy i prava Akademii nauk URSR [Ministry of Justice of the Ukrainian S.S.R., the Public Prosecutor's Office of the Ukrainian S.S.R., the Supreme Court of the Ukrainian S.S.R., the Sector of State and Law of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, no. 2, Mar.-Apr. 1960; no. 3, May-June 1961. [In Ukrainian.]

RUSSIA (1923- U.S.S.R.) Verkhovnyi Sud. Biulleten' [Supreme Court. Bulletin]. Moscow, no. 2, 1960.

SOTSIALISTICHESKAIA ZAKONNOST' [SOCIALIST LEGALITY]. Organ of Prokuratura SSSR [Attorney General's Office of the U.S.S.R.]. Moscow, vol. 37, no. 4, Apr. 1960; vol. 38, no. 6, June 1961.

SOVETSKAIA IUSTITSIIA [SOVIET JUSTICE]. Issued by Ministerstvo iustitsii and Verkhovnyi Sud RSFSR [Ministry of Justice and the Supreme Court of the R.S.F.S.R.]. Moscow, no. 4, Apr. 1960; nos. 10-11, May-June 1961.

SOVETSKAIA KRIMINALISTIKA NA SLUZHBE SLEDSTVIIA [SOVIET CRIMINOLOGY IN THE SERVICE OF INVESTIGATION]. Issued by Vsesoiuznyi nauchno-issledovatel'skii institut kriminalistiki Prokuratury SSSR [All-Union Scientific Research Institute of Criminology of the Public Prosecutor's Office of the U.S.S.R.]. Moscow, no. 14, 1961.

8. EDUCATION

a. GENERAL

DETSKII DOM [CHILDREN'S HOME]. Issued by TSentral'nyi nauchno-metodicheskii kabinet detskikh domov [Central Office of Scientific Methods for Children's Homes]. Moscow, vol. 16, no. 4, 1960.

DOSHKIL'NE VYKHOVANNIA [PRESCHOOL EDUCATION]. Organ of Ministerstvo osvity URSR [Ministry of Education of the Ukrainian S.S.R.]. Kiev, vol. 22, nos. 5-6, May-June 1961. [In Ukrainian.]

DOSHKOL'NOE VOSPITANIE [PRESCHOOL EDUCATION]. Issued by Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.] Moscow, vol. 34, no. 5, May 1961.

GULKHAN. Issued by TsK LKSM and Ministerstvo prosveshchenila Uzbekistana [Central Committee of the All-Union Communist Youth League of Lenin and the Ministry of Education of Uzbekistan]. Tashkent, nos. 4(112)-5(113), Apr.-May. 1961. [In Uzbek.]

KAZAKSTAN MEKTEBI [KAZAKHSTAN SCHOOLS]. Organ of the Ministry of Education of the Kazakh S.S.R. Vol. 36, no. 4, Apr. 1961. [In Kazakh.]

NACHAL'NAIA SHKOLA [PRIMARY SCHOOL]. Organ of Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.] Moscow, vol. 20, no. 5, May 1961.

NARODNAIA ASVETA [PUBLIC EDUCATION]. Organ of Ministerstvo asvety BSSR [Ministry of Education of the White Russian S.S.R.]. Minsk, nos. 1-4, Jan.-Apr. 1961. [In White Russian.]

NARODNOE OBRAZOVANIE [PUBLIC EDUCATION]. Issued by Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, no. 5, May 1961.

PEDAGOGIKA I NARODNOE OBRAZOVANIE V ZARUBEZHNYKH STRANAKH, sbornik referatov [PEDAGOGY AND EDUCATION ABROAD, Abstracts]. Issued by Institut teorii i istorii pedagogiki Akademii pedagogicheskikh nauk RSFSR [Institute of the Theory and History of Pedagogy of the Academy of Pedagogical Sciences of the R.S.F.S.R.] Moscow, nos. 386-478, 1960. 136 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovanila. Biulleten' [Ministry of Higher and Secondary Specialized Education. Bulletin]. Moscow, nos 2-5, Feb.-May 1961.

SHKOLA I PROIZVODSTVO [SCHOOL AND PRODUCTION]. Issued by Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol. 5, no. 5, May 1961.

*SOVETSKAIA PEDAGOGIKA [SOVIET PEDAGOGY]. Organ of Akademila pedagogicheskikh nauk RSFSR [Academy of Pedagogical Sciences of the R.S.F.S.R.]. Moscow, vol. 25, nos. 4-5, Apr.-May 1961.

SREDNEE SPETSIAL'NOE OBRAZOVANIE [SECONDARY SPECIALIZED EDUCATION]. Organ of Ministerstvo vysshego i srednego spetsial'nogo obrazovanila SSSR [Ministry of Higher and Secondary Specialized Education of the U.S.S.R.]. Moscow, vol. 8, no. 5, May 1961.

VESTNIK VYSSHEI SHKOLY [REVIEW OF SCHOOLS FOR HIGHER EDUCATION]. Organ of Ministerstvo vysshego i srednego spetsial'nogo obrazovanila SSSR [Ministry of Higher and Secondary Specialized Education of the U.S.S.R.]. Moscow, vol. 19, no. 5, May 1961.

VOZHATYI [PIONEER GUIDE]. Published by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi and TSentral'nogo soveta Vsesoiuznoi pionerskoi organizatsii imeni V.I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the All-Union Lenin Pioneers]. Moscow, vol. 37, no. 6, June 1961.

VSEMIRNYE STUDENCHESKIE NOVOSTI [WORLD STUDENT NEWS]. Issued by Mezhdunarodnyi soiuz studentov [International Student Association]. Moscow, vol. 15, nos. 1-2, Jan.-Feb. 1961.

ZHYTTIA I SHKOLA [LIFE AND SCHOOL]. New Haven, vol. 7, nos. 9/10(48/49)-11/12(50/51), Jan.-Apr. 1961. [In Ukrainian.]

b. PHYSICAL EDUCATION & GAMES

FIZICHESKAIA KUL'TURA V SHKOLE [PHYSICAL EDUCATION IN SCHOOLS]. Issued by Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, no. 5, May 1961.

FIZKUL'TURA I SPORT [PHYSICAL EDUCATION AND SPORTS]. Organ of TSentral'nyi Sovet Soiuza sportivnykh obshchestv i organizatsii SSSR [Central Council of the Union of Sports Associations and Organizations of the U.S.S.R.]. Moscow, vol.31, no.5(630), May 1961.

FIZKUL'TURA I SPORT [PHYSICAL EDUCATION AND SPORTS]. Organ of Soiuz sportivnykh tovarystv i organizatsii URSR [Union of Sports Associations and Organizations of the Ukrainian S.S.R.]. Kiev, no.6, June 1961. [In Ukrainian.]

LEGKAIA ATLETIKA [TRACK AND FIELD ATHLETICS]. Organ of TSentral'nyi sovet Soiuza sportivnykh obshchestv i organizatsii SSSR [Central Council of the Association of Sports Societies and Organizations of the U.S.S.R.]. Moscow, vol.7, no 5(72), May 1961.

SHAKHMATY V SSSR [CHESS IN THE U.S.S.R.]. Organ of Shakhmatnaia federatsiia SSSR [Chess Federation of the U.S.S.R.]. Moscow, vol.38, nos 5-6, May-June 1961

SPORTIVNAIA ZHIZN' ROSSII [SPORT LIFE IN RUSSIA]. Organ of Vserossiiskogo soveta Soiuza sportivnykh obshchestv i organizatsii RSFSR [All-Russian Council of the Association of Sports Societies and Organizations of the R.S.F.S.R.]. Moscow, vol.5, nos.3-4, Mar.-Apr. 1961.

SPORTIVNYE IGRY [ATHLETIC GAMES]. Organ of TSentral'nogo soveta Soiuza sportivnykh obshchestv i organizatsii SSSR [Central Council of the Association of Sports Societies and Organizations of the U.S.S.R.]. Moscow, vol.7, no.5(72), May 1961.

TEORIIA I PRAKTIKA FIZICHESKOI KUL'TURY [THEORY AND PRACTICE OF PHYSICAL CULTURE]. Organ of TSentral'nyi sovet Soiuza sportivnykh obshchestv i organizatsii SSSR [Central Council of the Association of Sports Societies and Organizations of the U.S.S.R.]. Moscow, vol.24, nos.1-5, 1961.

9. MUSIC, THEATER & MOTION PICTURES

a. MOTION PICTURES

ISKUSSTVO KINO [CINEMA ART]. Organ of Ministerstvo kul'tury SSSR and Soiuz rabotnikov kinematografii SSSR [Ministry of Culture of the U.S.S.R. and of the Association of Cinematographic Workers of the U.S.S.R.]. Moscow, no.6, June 1961.

KINOMEKHANIK [MOTION-PICTURE OPERATOR]. Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.]. Moscow, no.5, May 1961

SOVETSKII EKRAN [THE SOVIET SCREEN]. Published by Izdatel'stvo [Publishing House] "Iskusstvo." Moscow, no.10(100), May 1961.

SOVETSKOE RADIO I TELEVIDENIE [SOVIET RADIO AND TELEVISION]. Issued by Gosudarstvennyi komitet po radioveshchaniiu i televideniiu pri Sovete Ministrov SSSR [State Committee on Radiobroadcasting and Television, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol.8, no.4, 1959.

TEKHNIKA KINO I TELEVIDENIIA [MOTION-PICTURE AND TELEVISION ENGINEERING]. Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.]. Moscow, vol.5, no.5, May 1961.

b. MUSIC

MUZYKAL'NAIA ZHIZN' [MUSICAL LIFE]. Organ of Soiuz kompozitorov SSSR and Ministerstvo kul'tury SSSR [Association of Composers of the U.S.S.R. and the Ministry of Culture of the U.S.S.R.]. Moscow, vol.4, no.11, June 1961.

SOVETSKAIA MUZYKA [SOVIET MUSIC]. Organ of Soiuz kompozitorov SSSR and Ministerstvo kul'tury SSSR [Association of Composers of the U.S.S.R. and the Ministry of Culture of the U.S.S.R.]. Moscow, vol.25, nos.5-6, May-June 1961.

c. THEATER

MOLODEZHNAIA ESTRADA [YOUNG PEOPLE'S STAGE]. Published by "Molodaia gvardiia" ["Young guard"]. Moscow, no.3(105), 1961.

NA DOPOMOHU'KHUDOZHNI SAMODIIAL'NOSTI; repertuarnyi zbirnyk [A GUIDE FOR ART AMATEURS; Repertorial Collection]. Kiev, nos.1(31)-3(33), Feb., Apr., June 1961. [In Ukrainian.]

SOLDATSKAIA ESTRADA [SOLDIERS' STAGE] Moscow, no.2(110), 1960.

TEATR [THEATER]. Organ of Ministerstvo kul'tury SSSR and Soiuz pisatelei SSSR [Ministry of Culture of the U.S.S.R. and Association of Writers of the U.S.S.R.] Moscow, vol.22, no.5, May 1961.

TEATRAL'NAIA ZHIZN' [LIFE OF THE THEATER]. Organ of Ministerstvo kul'tury RSFSR, Vserossiiskoe teatral'noe obshchestvo, and Soiuz pisatelei RSFSR [Ministry of Culture of the R.S.F.S.R., All-Russian Theater Society, and the Association of Writers of the R.S.F.S.R.]. Moscow, nos.11-12, June 1961.

10. FINE ARTS

a. GENERAL

DEKORATIVNOE ISKUSSTVO SSSR [DECORATIVE ART OF THE U.S.S.R.]. Issued by Soiuz khudozhnikov SSSR [Association of Artists of the U.S.S.R.]. Moscow, no 6(43), June 1961.

ISKUSSTVO [ART]. Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.] Moscow, vol.24, nos.4-5, 1961 [With summaries in French.]

MYSTETSTVO [ART]. Organ of Ministerstvo kul'tury URSR, Spilka radians'kykh kompozytoriv and Spilka radians'kykh khudozhnykiv Ukrainy [Ministry of Culture of the Ukrainian S.S.R., Association of Soviet Composers, and Association of Soviet Artists of the Ukraine]. Kiev, vol 8, no 2, Mar.-Apr. 1961 [In Ukrainian.]

SOVETAKAN ARVEST [SOVIET ART]. Issued by Ministerstvo kul'tury Armianskoi SSR [Ministry of Culture of the Armenian S.S.R.]. Erivan, no.4, 1961. [In Armenian.]

b. ARCHITECTURE

AKADEMIIA BUDIVNYTSTVA I ARKHITEKTURY URSR. Visnyk [ACADEMY OF CONSTRUCTION AND ARCHITECTURE OF THE UKRAINIAN S.S.R. Journal]. Kiev, no.1, 1961. [In Ukrainian.]

ARKHITEKTURA SSSR [ARCHITECTURE OF THE U.S.S.R.]. Organ of Akademiia stroitel'stva i arkhitektury SSSR and Soiuz arkhitektorov SSSR [Academy of Construction and Architecture of the U.S.S.R. and of the Association of Architects of the U.S.S.R.]. Moscow, no. 4, 1961.

11. LANGUAGE, LITERATURE & FOLKLORE

a. LANGUAGE

RUSSKII IAZYK V NATSIONAL'NOI SHKOLE [THE RUSSIAN LANGUAGE IN NON-RUSSIAN SCHOOLS]. Moscow, no.2, 1961.

V POMOSHCH' PREPODAVATELIU RUSSKOGO IAZYKA V AMERIKE [A GUIDE FOR THE TEACHERS OF THE RUSSIAN LANGUAGE IN AMERICA]. Published by N.P. Avtonomoff. San Francisco, Calif., vol.14, no.56, 1960.

b. LITERATURE & FOLKLORE

AKADEMIIA NAUK SSSR. Izvestiia. Otdelenie literatury i iazyka [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Department of Literature and Languages]. Moscow, vol.19, no.1, Jan.-Feb. 1960.

AKADEMIIA NAUK SSSR. Institut mirovoi literatury. Pisateli stran narodnoi demokratii [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of World Literature. Writers of the People's Democracies]. Moscow, no.4, 1960.

AKADEMIIA NAUK SSSR. Institut russkoi literatury. Otdel novoi russkoi literatury. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Russian Literature. Department of Modern Russian Literature. Transactions]. Vol.17, 1961.

ALA-TOO; literaturno-khudozhestvennyi i obshchestvenno-politicheskii zhurnal [ALA-TAU; Literary and Socio-political Magazine]. Organ of Soiuz pisatelei Kirgizii and Ministerstvo kul'tury Kirgizskoi SSR [Association of Writers of Kirghizia and the Ministry of Culture of the Kirghiz S.S.R.]. Frunze, vol.30, no.4, Apr. 1961. [In Kirghiz.]

AZERBAIČHAN [AZERBAIJAN]. Organ of Soiuz pisatelei Azerbaidzhana [Association of Writers of Azerbaijan]. Baku, no.5, May 1961 [In Azerbaijani.]

BELARUSKAIA LITARATURA [WHITE RUSSIAN LITERATURE]. Issued by Instytut literatury Akademii navuk SSSR [Institute of Literature of the Academy of Sciences of the White Russian S.S.R.]. Minsk, no 3, 1960. [In White Russian.]

DILA [MORNING]. Issued by TSentral'nyi komitet Leninskogo kommunisticheskogo soiuza molodezhi Gruzii and Respublikanskii sovet organizatsii iunykh pionerov im. V.I. Lenina [Central Committee of the Lenin Communist Youth League of Georgia and the Republican Council of Lenin Pioneers]. Tiflis, no.3, March 1961. [In Georgian.]

DNESTR [DNIESTER]. Organ of Soiuz pisatelei Moldavskoi SSR [Association of Writers of the Moldavian S.S.R.]. Kishinev, vol.11, no.5, 1961.

DNIPRO [DNIEPER]. Organ of TSentral'nyi komitet Leninis'koho komunistychnoho soiuzu molodi Ukrainy [Central Committee of the All-Union Communist Youth League of the Ukraine]. Kiev, vol.35, no.6, June 1961. [In Ukrainian.]

DON. Issued by Rostovskoe oblastnoe otdelenie Soiuza pisatelei RSFSR [Rostov Province Branch of the Association of Writers of the R.S.F.S.R.]. Rostov-on-Don, vol.5, no.6, June 1961

DROSHA [THE BANNER]. Published by the Publishing House of the Central Committee of the Communist Party of Georgia. Tiflis, no.4, Apr. 1961. [In Georgian.]

DRUZHBA NARODOV [FRIENDSHIP OF PEOPLES]. Organ of Soiuz pisatelei SSSR [Association of Writers of the U.S.S.R.]. Moscow, no.6, June 1961.

GULISTON [ROSE GARDEN]. Issued by Organ of Soiuz pisatelei Tadzhikistana [Association of Writers of Tajikistan]. Stalinabad, no.1, Jan.-March 1961.

INOSTRANNAIA LITERATURA [FOREIGN LITERATURE] Organ of Soiuz pisatelei SSSR [Association of Writers of the U.S.S.R.] Moscow, no.3, Mar. 1960, nos.4-5, Apr.-May 1961.

IUNOST' [YOUTH]. Issued by Soiuz pisatelei SSSR [Association of Writers of the U.S.S.R.]. Moscow, vol.7, nos 5-6, May-June 1961.

LITERATURA I ISKUSSTVO NARODOV SSSR I ZARUBEZHNYKH STRAN, bibliograficheskii biulleten' [LITERATURE AND ART OF THE PEOPLES OF THE U.S.S.R. AND FOREIGN COUNTRIES, Bibliographical Bulletin]. Issued by Vsesoiuznaia knizhnaia palata and Vsesoiuznaia gosudarstvennaia biblioteka inostrannoi literatury [All-Union Book Chamber and the All-Union State Library of Foreign Literature]. Moscow, nos.2-3, 1961. 273 p.

LITERATURA SLAVIANSKIKH NARODOV [LITERATURE OF SLAVIC PEOPLES]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, no.5, 1960.

LITERATURA V SHKOLE [LITERATURE IN SCHOOLS]. Organ of Ministerstvo prosveshcheniia RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol.22, no.3, May-June 1961.

LITERATURNYI KIRGIZSTAN [LITERARY KIRGHIZISTAN]. Organ of Soiuz pisatelei Kirgizii [Association of Writers of Kirghizia]. Frunze, vol.6, nos.4(34), 6(36), July-Aug., Nov.-Dec. 1960.

MAIAK; literaturno-publitsystychnyi al'manakh [LIGHTHOUSE, literary and public affairs almanac]. Issued by Odes'ka filiia Spilky radians'kykh pys'mennykiv Ukrainy [Odessa Branch of the Association of Soviet Writers of the Ukraine]. Odessa, no.1, 1959. [In Ukrainian.]

MOSCOW. UNIVERSITET. Vestnik. Seriia 7: Filologiia, zhurnalistika [UNIVERSITY. Review. Series 7: Philology, Journalism]. Vol.15, no.2, Mar.-Apr. 1960; vol.16, no.1, Jan.-Feb. 1961.

MOSKVA [MOSCOW]. Organ of Soiuz pisatelei RSFSR and Moskovskoe otdelenie Soiuza pisatelei [Association of Writers of the R.S.F.S.R. and the Moscow Branch of the Association of Writers]. Moscow, vol.4, no.3, 1960, vol.5, no.4, 1961.

NA RUBEZHE [AT THE FRONTIER]. Issued by Soiuz pisatelei Karel'skoi ASSR [Association of Writers of the Karelian A.S.S.R.]. Petrozavodsk, vol.22, no.2, Mar.-Apr. 1961.

I SOVREMENNIK [OUR CONTEMPORARY]. Organ Soiuz pisatelei RSFSR [Association of Writers of o R.S.F.S.R.]. Moscow, no. 3, 1961

AN [NIEMAN RIVER]. Organ of Soiuz pisatelei BSSR [Association of Writers of the White Russian S.S.R.]. Minsk, vol. 10, no. 3, May-June 1961

A Organ of Soiuz pisatelei RSFSR and Leningradskoe otdelenie Soiuza pisatelei [Association of Writers of the R.S.F.S.R. and the Leningrad Branch f the Association of Writers] Leningrad, no. 4, 1961.

TROL [DNIESTER RIVER]. Organ of the Association of Soviet Writers of the Moldavian S.S.R. Kishinev, vol. 30, no. 5, May 1961. [In Moldavian.]

VAIA INOSTRANNAIA LITERATURA PO LITERATUROVEDENIIU [NEW FOREIGN LITERATURE ON THE STUDY OF LITERATURE] Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 3, 1961.

VAIA SOVETSKAIA LITERATURA PO LITERATUROVEDENIIU [NEW SOVIET LITERATURE ON THE STUDY OF LITERATURE]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.] Moscow, no. 3, 1961.

VYI MIR [THE NEW WORLD]. Organ of Soiuz pisatelei SSSR [Association of Writers of the U.S.S.R.]. Moscow, vol. 36, nos. 4-5, Apr.-May 1960, vol. 37, no. 5, May 1961.

IABR' [OCTOBER]. Organ of Soiuz pisatelei RSFSR Association of Writers of the R.S.F.S.R.]. Moscow, vol. 38, no. 5, May 1961.

LYMIA [FLAME]. Organ of Saiuz pis'mennikau BSSR [Association of Writers of the White Russian S.S.R.]. Minsk, vol. 39, no. 5, May 1961. [In White Russian.]

NAPOR; literaturno-khudozhnii ta hromads'ko-politychnyi zhurnal [BANNER: Literary and Sociopolitical Magazine]. Issued by Spilka pys'mennykiv Ukrainy [Association of Writers of the Ukraine]. Kharkov, no. 5, May 1961. [In Ukrainian.]

OSTOR [WIDE-OPEN SPACES]. Organ of Soiuz pisatelei Kazakhstana [Association of Writers of Kazakhstan]. Alma-Ata, vol. 27, no. 5, May 1961.

NADIANS'KE LITERATUROZNAVSTVO [SOVIET LITERARY REVIEW]. Organ of Instytut literatury im. T.H. Shevchenka Akademii nauk URSR and Spilka pis'mennykiv Ukrainy [Shevchenko Institute of Literature of the Academy of Sciences of the Ukrainian S.S.R. and the Association of Writers of the Ukraine]. Kiev, vol. 5, nos. 2-3, Apr.-June 1961. [In Ukrainian.]

USSKAIA LITERATURA [RUSSIAN LITERATURE]. Issued by Institut russkoi literatury Akademii nauk SSSR [Institute of Russian Literature of the Academy of Sciences of the U.S.S.R.]. Leningrad, vol. 4, no. 2, 1961.

SARATOV. UNIVERSITET. Uchenye zapiski [UNIVERSITY, Studies]. Vol. 66, 1958. Vypusk filologicheskii [Philological Issue].

VITCHYZNA [OUR COUNTRY]. Organ of Spilka pys'mennykiv Ukrainy [Association of Writers of the Ukraine]. Kiev, vol. 29, no. 6, June 1961 [In Ukrainian.]

VOSTOCHNYI AL'MANAKH [ORIENTAL ALMANAC]. Moscow, no. 3, 1960

ZHOVTEN' [OCTOBER]. Organ of Spilka pys'mennykiv Ukrainy [Association of Writers of the Ukraine]. Lvov, vol. 11, no. 5, May 1961. [In Ukrainian.]

ZNAMIA [THE BANNER] Organ of Soiuz pisatelei SSSR [Association of Writers of the U.S.S.R.]. Moscow, vol. 31, no 5, May 1961.

ZVEZDA [THE STAR]. Organ of Soiuz pisatelei SSSR [Association of Writers of the U.S.S.R.] Leningrad, nos. 3-4, Mar.-Apr. 1961.

12. GEOGRAPHY & GEOLOGY

a. ETHNOLOGY

NARODNA TVORCHIST' TA ETNOGRAFIIA [FOLK ART AND ETHNOGRAPHY]. Issued by Instytut mystetstvoznavstva, fol'kloru ta etnografii Akademii nauk URSR and Ministerstvo kul'tury Ukrains'koi RSR [Institute of Fine Arts, Folklore, and Ethnography of the Academy of Sciences of the Ukrainian S.S.R. and the Ministry of Culture of the Ukrainian SSR]. Kiev, vol. 4, no. 4, Oct.-Dec. 1960; vol. 5, no. 1, Jan.-Feb. 1961. [In Ukrainian.]

SOVETSKAIA ETNOGRAFIIA [SOVIET ETHNOGRAPHY] Issued by Institut etnografii Akademii nauk SSSR [Institute of Ethnography of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 2, Mar.-Apr. 1960.

b. GEOGRAPHY

AKADEMIIA NAUK SSSR. Izvestiia. Seriia geograficheskaia [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Geographical Series]. Moscow, no. 3, May-June 1961.

AKADEMIIA NAUK SSSR. Okeanograficheskaia komissiia. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Oceanographic Commission. Transactions]. Moscow, vol. 8, 1961.

GEOGRAFICHESKOE OBSHCHESTVO SSSR. Zapiski. Novaia seriia [GEOGRAPHIC SOCIETY OF THE U.S.S.R. Records. New Series] Moscow, vol. 19, 1960.
Contents: Lichkov, B.L. [Natural waters of the earth and the lithosphere] Prirodnye vody Zemli i litosfera. 163 p.

GEOGRAFIIA V SHKOLE [GEOGRAPHY IN SCHOOLS]. Issued by Ministerstvo prosveshchenlia RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol. 24, no. 3, May-June 1961.

MOSCOW, UNIVERSITET. Vestnik. Seriia 5: Geografiia [UNIVERSITY, Review. Series 5: Geography]. Vol. 16, no. 3, May-June 1961.

TURISTSKIE TROPY, al'manakh [TOURIST TRAILS; Almanac]. Published by Gosudarstvennoe izdatel'stvo "Fizkul'tura i sport" [State Publishing House "Physical Education and Sports"]. Moscow, vol. 4, 1961.

c. GEOLOGY & PALEONTOLOGY

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku Izvestiia. Seriia geologo-geograficheskikh nauk [ACADEMY OF SCIENCES OF THE AZERBAIJAN S.S.R. Bulletin. Series in the Geological and Geographical Sciences]. Baku, no. 5, 1960. [In Russian or Azerbaijani with summaries in the other language.]

*AKADEMIIA NAUK SSSR. Izvestiia. Seriia geologicheskaia [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Geological Series]. Moscow, vol. 26, nos. 4-5, Apr.-May 1961.

AKADEMIIA NAUK SSSR. Biogeokhimicheskaia laboratoriia. Trudy. [ACADEMY OF SCIENCES OF THE U.S.S.R. Biogeochemical Laboratory. Transactions]. Moscow, no. 11, 1960.

AKADEMIIA NAUK SSSR. Geologicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Geological Institute. Transactions]. Moscow, no. 39, 1961.
Contents: Pergament, M.A. [Upper Cretaceous stratigraphy of northwestern Kamchatka (Penzhinskiy District)] Stratigrafiia verkhnemelovykh otlozhenii Severo-Zapadnoi Kamchatki; Penzhinskii raion. 146 p.

No. 40, 1961.
Contents. Bolkhovitina, N.A. [Fossil and recent spores of the family Schizaeaceae] Iskopaemye i sovremennye spory semeistva skhizeinykh. 175 p.

No. 47, 1961.
Contents. Lavrushin, IU.A. [Types of the Quaternary alluvium of the Lower Yenisey] Tipy chetvertichnogo alliuviia nizhnego Eniseia. 93 p.

AKADEMIIA NAUK SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of the Geology of Ore Deposits, Petrology, Mineralogy, and Geochemistry. Transactions]. Moscow, no. 17, 1960.

AKADEMIIA NAUK SSSR. Institut mineralogii, geokhimii i kristallokhimii redkikh elementov. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of the Mineralogy, Geochemistry, and Crystallography of Rare Elements. Transactions]. Moscow, no. 3, 1959.

AKADEMIIA NAUK SSSR. Paleontologicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Paleontology. Transactions]. Moscow, vol. 82, 1960.
Contents: Bel'skaia, T.N. [Late Devonian sea in the Kuznetsk Basin, its development, fauna and flora, and sediments; 17 plates and 54 drawings] Pozdnedevonskoe more Kuznetskoi kotloviny, istoriia ego razvitiia, naselenie i osadki, s 17 tablitsami i 54 risunkami v tekste. 183 p.

AKADEMIIA NAUK SSSR. Sibirskoe otdelenie. Izvestiia. Geologiia i geofizika [ACADEMY OF SCIENCES OF THE U.S.S.R. Siberian Branch Bulletin. Geology and Geophysics], Novosibirsk, no. 1, 1958.

AKADEMIIA NAUK SSSR. Ural'skii filial, Sverdlovsk, Gorno-geologicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Ural Branch, Mining-Geological Institute. Transactions]. Sverdlovsk, no. 32, 1959.

*GEOKHIMIIA [GLOCHEMISTRY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, no. 3, 1960, nos. 4-5, 1961. [With summaries in English.]

GEOLOGICHNYI ZHURNAL [GEOLOGICAL JOURNAL]. Issued by Instytut geologichnykh nauk Akademii nauk Ukrains'koi RSR [Geological Institute of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 20, nos. 1-2, 1960. [In Ukrainian.]

GEOLOGIIA I GEOFIZIKA [GEOLOGY AND GEOPHYSICS]. Issued by Sibirskoe otdelenie Akademii nauk SSSR [Siberian Branch of the Academy of Sciences of the U.S.S.R.]. Novosibirsk, no. 12, 1960 [Photocopy], nos. 1-4, 1961. [With summaries in English.]

LENINGRAD. NAUCHNO-ISSLEDOVATEL'SKII INSTITUT GEOLOGII ARKTIKI. Trudy [SCIENTIFIC RESEARCH INSTITUTE OF ARCTIC GEOLOGY. Transactions] Vol. 113, 1960. Sbornik statei po geologii Antarktiki [Collected Papers on the Geology of Antarctica], no. 2.

LENINGRAD. VSESOIUZNYI GEOLOGICHESKII INSTITUT. Biulleten' [ALL-UNION GEOLOGICAL INSTITUTE. Bulletin]. No. 1, 1958.

LENINGRAD. VSESOIUZNYI GEOLOGICHESKII INSTITUT. Materialy. Novaia seriia. Chetvertichnaia geologiia i geomorfologiia [ALL-UNION GEOLOGICAL INSTITUTE. Materials. New Series; Quaternary Geology and Geomorphology]. Moscow, no. 2, 1959.

MOSCOW. MOSKOVSKII GEOLOGORAZVEDOCHNYI INSTITUT. Trudy [MOSCOW GEOLOGICAL PROSPECTING INSTITUTE. Transactions]. Vol. 38, 1960.

MOSKOVSKOE OBSHCHESTVO ISPYTATELEI PRIRODY. Biulleten' [MOSCOW NATURALISTS' SOCIETY. Bulletin]. New series, vol. 64 Otdel geologicheskii [Geological Section], Moscow, vol. 36, no. 1, Jan.-Feb. 1961. [With summaries in English.]

REFERATIVNYI ZHURNAL: GEOLOGIIA [JOURNAL OF ABSTRACTS: GEOLOGY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 5, May 1961.

SIBIRSKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT GEOLOGII, GEOFIZIKI I MINERAL'NOGO SYR'IA. Trudy [SIBERIAN SCIENTIFIC RESEARCH INSTITUTE OF GEOLOGY, GEOPHYSICS, AND MINERAL RESOURCES. Transactions]. Leningrad, no. 11, 1960.

SOVETSKAIA GEOLOGIIA [SOVIET GEOLOGY]. Issued by Ministerstvo geologii i okhrany nedr SSSR [Ministry of Geology and the Conservation of Mineral Resources of the U.S.S.R.]. Moscow, vol. 4, nos. 3-4, Mar.-Apr. 1961. [With summaries in English.]

UZBEKSKII GEOLOGICHESKII ZHURNAL [UZBEK GEOLOGICAL JOURNAL]. Issued by Akademiia nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S. S. R.]. Tashkent, no. 2, 1961.

VOPROSY GIDROGEOLOGII I INZHENERNOI GEOLOGII [PROBLEMS OF HYDROGEOLOGY AND ENGINEERING GEOLOGY]. Issued by Vsesoiuznyi nauchno-issledovatel'skii institut gidrogeologii i inzhenernoi geologii [All-Union Scientific Research Institute of Hydrogeology and Engineering Geology]. Moscow, no 18, 1959

VOPROSY GEOLOGII VOSTOCHNOI OKRAINY RUSSKOI PLATFORMY I IUZHNOGO URALA [PROBLEMS OF THE GEOLOGY OF THE SOUTHERN URALS AND THE EASTERN BORDER OF THE RUSSIAN PLATFORM]. Issued by Gorno-geologicheskii institut Bashkirskogo filiala Akademii nauk SSSR [Mining and Geological Institute of the Bashkir Branch of the Academy of Sciences of the U. S. S R]. Ufa, no. 5, 1960.

VOPROSY MIKROPALEONTOLOGII [PROBLEMS OF MICROPALEONTOLOGY] Issued by Geologicheskii institut Akademii nauk SSSR [Geological Institute of the Academy of Sciences of the U S. S.R]. Moscow, no. 4, 1960.

VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT P'EZOOPTICHESKOGO MINERAL'NOGO SYR'IA. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF PIEZO-OPTICAL MINERAL RESOURCES. Transactions]. Moscow, vol. 3, no. 2, 1960.

13. SCIENCE

a. GENERAL

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Doklady [ACADEMY OF SCIENCES OF THE ARMENIAN S. S. R. Reports]. Erivan, vol. 32, no. 3, 1961. [With summaries in Armenian.]

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Doklady [ACADEMY OF SCIENCES OF THE AZERBAIJAN S. S. R. Reports]. Baku, vol. 17, no. 3, 1961. [With summaries in Azerbaijani.]

*AKADEMIIA NAUK SSSR. Doklady [ACADEMY OF SCIENCES OF THE U. S. S R. Reports]. Moscow, vol. 136, nos 1, 5, Jan.-Feb. 1961, vol. 138, nos. 2-4, May-June 1961.

AKADEMIIA NAUK SSSR. Institut istorii estestvoznaniia i tekhniki. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of the History of Natural Sciences and Technology. Transactions]. Moscow, vol. 38, 1961.

AKADEMIIA NAVUK BSSR, Minsk. Doklady [ACADEMY OF SCIENCES OF THE WHITE RUSSIAN S. S. R. Reports]. Minsk, vol. 5, nos. 4-5, Apr.-May 1961.

FAN VA TURMUSH [SCIENCE AND LIFE]. Issued by Akademiia nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S.S.R.]. Tashkent, nos. 4(50)-5(51), Apr.-May 1961. [In Uzbek.]

KIEV. UNIVERSYTET. Visnyk [UNIVERSITY. Review], no. 1 Serlia astronomii, matematyky ta mekhaniky [Series in Astronomy, Mathematics, and Mechanics], No. 1, 1958. [In Ukrainian.]

NAUKA I ZHIZN' [SCIENCE AND LIFE]. Published by Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii [All-Union Society for Dissemination of Political and Scientific Knowledge]. Moscow, vol. 27, no. 4, Apr. 1960; vol. 28, no. 4, Apr. 1961.

NAUKA I ZHYTTIA [SCIENCE AND LIFE]. Published by Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR [Society for Dissemination of Political and Scientific Knowledge of the Ukrainian S. S. R.]. Kiev, vol. 11, no. 4(121), Apr. 1961. [In Ukrainian.]

NOVYE KNIGI ZA RUBEZHOM. Seriia A: Matematika, mekhanika, astronomiia, fizika, geofizika, khimiia, geologiia [NEW FOREIGN BOOKS. Series A: Mathematics, Mechanics, Astronomy, Physics, Geophysics, Chemistry, Geology]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, vol. 14, no. 5, May 1961.

OKHRANA PRIRODY I ZAPOVEDNOE DELO V SSSR. Biulleten' [PROTECTION OF NATURE AND THE WORK OF THE PRESERVES IN THE U. S. S. R. Bulletin]. Issued by Komissiia po okhrane prirody Akademii nauk SSSR [Commission for the Protection of Nature of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 6, 1960.

PRIRODA [NATURE]. Published by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 50, nos. 5-6, May-June 1961.

ZNANIE - SILA [KNOWLEDGE IS POWER]. Organ of Gosudarstvennyi Komitet Soveta Ministrov SSSR po professional'no-tekhnicheskomu obrazovaniiu [State Committee of the Council of Ministers of the U. S. S R for Industrial Training]. Moscow, vol. 36, nos. 2, 5, Feb., May 1961.

ZNANNIA TA PRATSIA [KNOWLEDGE AND WORK]. Issued by TSentral'nyi komitet Lenins'koho komunistychnoho soiuza molodi Ukrainy [Central Committee of the Ukrainian Communist Youth League of Lenin]. Kiev, nos. 2(252)-5(255), Feb.-May 1961

b. ASTRONOMY

AKADEMIIA NAUK URSR, Kiev. Holovnaia astronomichna observatoriia. Izvestiia [ACADEMY OF SCIENCES OF THE UKRAINIAN S. S. R. Main Astronomical Observatory. Bulletin]. Kiev, vol. 3, no. 2, 1961

*GEODEZIIA I KARTOGRAFIIA [GEODESY AND CARTOGRAPHY]. Issued by Glavnoe upravlenie *geodezii i kartografii Ministerstva geologii i* okhrany nedr SSSR [Main Administration of Geodesy and Cartography of the Ministry of the Geology and Protection of Mineral Resources of the U. S. S R.]. Moscow, no. 4, Apr. 1961.

METEORITIKA [METEORITICS]. Issued by Komitet po meteoritam Akademii nauk SSSR [Committee on Meteorites of the Academy of Sciences of the U S. S. R.] Moscow, no. 20, 1961.

REFERATIVNYI ZHURNAL: ASTRONOMIIA I GEODEZIIA [JOURNAL OF ABSTRACTS ASTRONOMY AND GEODESY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 5, May 1961.

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; geodeziia i aerofotos"emka [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Geodesy and Aerial Photography] Moscow, no. 6, 1960.

c. BIOLOGY

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Izvestiia. Seriia biologicheskikh i meditsinskikh nauk ACADEMY OF SCIENCES OF THE AZERBAIJAN S. S. R. Bulletin. Series in the Biological and Medical Sciences]. Baku, no. 1, 1960.

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Institut botaniki. Trudy [ACADEMY OF SCIENCES OF THE KAZAKH S. S. R. Institute of Botany. Transactions]. Alma-Ata, vol. 10, 1961.

AKADEMIIA NAUK SSSR. Izvestiia. Seriia biologicheskaia [ACADEMY OF SCIENCES OF THE U. S. S. R. Bulletin. Biological Series]. Moscow, no. 3, May-June 1961. [With summaries in English.]

AKADEMIIA NAUK SSSR. Iakutskii filial, Yakutsk. Institut biologii. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Yakut Branch. Institute of Biology. Transactions]. Moscow, no. 7, 1961.

AKADEMIIA NAUK SSSR. Zoologicheskii institut. Issledovaniia dal'nevostochnykh morei SSSR [ACADEMY OF SCIENCES OF THE U. S. S. R. Zoological Institute. Investigations of the Far Eastern Seas of the U. S. S. R.] Moscow, no. 7, 1961.

AKADEMIIA NAUK UZBEKSKOI SSR, Tashkent. Institut botaniki. Trudy [ACADEMY OF SCIENCES OF THE UZBEK S. S. R. Institute of Botany. Transactions]. Tashkent, no. 5, 1959.

ARKHIV ANATOMII, GISTOLOGII I EMBRIOLOGII [ARCHIVES OF ANATOMY, HISTOLOGY, AND EMBRYOLOGY]. Issued by Akademii meditsinskikh nauk SSSR [Academy of Medical Sciences of the U. S. S. R.]. Moscow, vol. 38, nos. 3-4, Mar.-Apr. 1960; vol. 39, nos. 7, 11, July, Nov. 1960, vol. 40, nos. 2-4, Feb.-Apr. 1961. [With summaries in English.]

BAKU. AZERBAIDZHANSKII GOSUDARSTVENNYI UNIVERSITET. Uchenye zapiski. Biologicheskaia seriia [AZERBAIJAN STATE UNIVERSITY. Studies. Biological Series]. Nos. 1, 3-4, 1960. [In Russian or Azerbaijani with summaries in the other language.]

*BIOKHIMIIA [BIOCHEMISTRY]. Published by Akademiia nauk SSSR [Academy of Sciences of the U. S. S R.]. Moscow, vol. 25, nos. 2, 6, Mar.-Apr., Nov.-Dec. 1960, vol. 26, no 2, Mar.-Apr. 1961. [With summaries in English.]

BOTANICHESKII ZHURNAL [BOTANICAL JOURNAL]. Organ of Vsesoiuznoe botanicheskoe obshchestvo [All-Union Botanical Society]. Moscow, vol. 45, no. 4, Apr. 1960.

*FIZIOLOGICHESKII ZHURNAL SSSR [PHYSIOLOGICAL JOURNAL OF THE U. S. S R.]. Issued by Vsesoiuznoe obshchestvo fiziologov, biokhimikov i farmakologov [All-Union Society of Physiologists, Biochemists, and Pharmacologists]. Moscow, vol. 46, no. 2, Feb 1960; vol. 47, nos 2-3, 5, Feb.-Mar., May 1961.

FIZIOLOGICHNYI ZHURNAL [PHYSIOLOGICAL JOURNAL [Issued by Instytut fiziologii Akademii nauk URSR [Institute of Physiology of the Academy of Sciences of the Ukrainian S. S. R.] Kiev, vol. 7, no. 3, May-June 1961. [In Ukrainian.]

*FIZIOLOGIIA RASTENII [PHYSIOLOGY OF PLANTS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S R.]. Moscow, vol. 7, no. 2, 1960, vol. 8, no. 3, 1961. [With summaries in English.]

KOMAROVSKIE CHTENIIA [KOMAROV LECTURES]. Issued by Botanicheskii institut Akademii nauk SSSR [Botanical Institute of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 13, 1960.
Contents: Iakovlev, M. S. [Embryogenesis and its significance for the phylogeny of plants, reported at the Thirteenth Annual Komarov Lecture, Dec. 12, 1958] Embriogenez i ego znachenie dlia filogenii rastenii; dolozheno na trinadtsatom ezhegodnom Komarovskom chtenii 12 dekabria 1958 g. 39 p.

MIKROBIOLOGICHNYI ZHURNAL [JOURNAL OF MICROBIOLOGY]. Issued by Instytut mikrobiologii Akademii nauk URSR [Institute of Microbiology of the Academy of Sciences of the Ukrainian S. S. R.]. Kiev, vol. 23, no. 1, 1961. [In Ukrainian.]

*MIKROBIOLOGIIA [MICROBIOLOGY]. Published by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 30, no. 1, Jan.-Feb. 1961. [With summaries in English.]

MOSCOW. GLAVNYI BOTANICHESKII SAD, Pushkinskoe. Trudy [MAIN BOTANICAL GARDEN. Transactions]. nos. 38-39, 1960.

MOSCOW. UNIVERSITET. Vestnik. Seriia 6: Biologiia, pochvovedenie [UNIVERSITY. Review. Series 6: Biology, Soil Science]. Vol. 16, no. 2, Mar.-Apr. 1961.

REFERATIVNYI ZHURNAL. BIOLOGIIA [JOURNAL OF ABSTRACTS: BIOLOGY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 11-12, June 1961.

REFERATIVNYI ZHURNAL: KHIMIIA, BIOLOGICHESKAIA KHIMIIA [JOURNAL OF ABSTRACTS: CHEMISTRY, BIOLOGICAL CHEMISTRY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 10-11, May-June 1961.

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Nauchnye doklady vysshei shkoly; biologicheskie nauki [Ministry of Higher and Secondary Specialized Education. Research Papers of Higher Schools; Biological Sciences]. Moscow, no. 2, 1961.

TSITOLOGIIA [CYTOLOGY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 2, no. 2, Mar.-Apr. 1960.

UKRAINS'KYI BOTANICHNYI ZHURNAL [UKRAINIAN BOTANICAL JOURNAL]. Issued by Instytut botaniky Akademii nauk URSR [Botanical Institute of the Academy of Sciences of the Ukrainian S. S. R.]. Kiev, vol. 18, no. 2, 1961. [In Ukrainian with summaries in English and Russian.]

*USPEKHI SOVREMENNOI BIOLOGII [PROGRESS IN CONTEMPORARY BIOLOGY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 49, no. 1, Jan.-Feb. 1960.

UZBEKSKII BIOLOGICHESKII ZHURNAL [UZBEK BIOLOGICAL JOURNAL]. Issued by Akademiia nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S. S. R.]. Tashkent, no. 2, 1960; no. 2, 1961.

VOPROSY IKHTIOLOGII [PROBLEMS IN ICHTHYOLOGY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, no. 17, 1961; vol. 1, no. 1(18), 1961.

VSESOIUZNOE BOTANICHESKOE OBSHCHESTVO. Belorusskoe otdelenie. Sbornik nauchnykh rabot [ALL-UNION BOTANICAL SOCIETY. White Russian Branch. Collected Papers]. Minsk, no. 1, 1959.

ZHURNAL OBSHCHEI BIOLOGII [JOURNAL OF GENERAL BIOLOGY]. Published by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 22, nos. 2-3, Mar.-June, 1961 [With summaries in English.]

ZOOLOGICHESKII ZHURNAL [ZOOLOGICAL JOURNAL] Published by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 40, no. 5, 1961 [With summaries in English.]

d CHEMISTRY

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Izvestiia. Seriia khimicheskaia [ACADEMY OF SCIENCES OF THE KAZAKH S. S. R. Bulletin. Chemical Series]. Alma-Ata, no 2(16), 1960

*AKADEMIIA NAUK SSSR. Izvestiia. Otdelenie khimicheskikh nauk [ACADEMY OF SCIENCES OF THE U. S. S. R. Bulletin. Department of Chemical Sciences]. Moscow, no. 5, May 1961.

KHIMIIA V SHKOLE [CHEMISTRY IN SCHOOLS]. Organ of Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R. S. F. S. R.]. Moscow, vol. 15, no. 2, Mar.-Apr. 1960, vol. 16, no. 3, May-June 1961.

MOSCOW. VSESOIUZNAIA GOSUDARSTVENNAIA BIBLIOTEKA INOSTRANNOI LITERATURY. Khimiia, sistematicheskii ukazatel' statei v inostrannykh zhurnalakh [ALL-UNION STATE LIBRARY OF FOREIGN LITERATURE. Chemistry, Classified Index of Articles in Foreign Periodicals]. Nos. 4(44)-5(45), 1956, nos. 4(91)-5(95), 1961.

PROBLEMY KINETIKI I KATALIZA [PROBLEMS OF KINETICS AND CATALYSIS]. Issued by Institut fizicheskoi khimii Akademii nauk SSSR [Institute of physical Chemistry of the Academy of Sciences of the U. S. S. R.]. Moscow, vol. 10, 1960.

RADIOKHIMIIA [RADIOCHEMISTRY] Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 2, no. 1, 1960, vol. 3, no. 2, 1961.

REFERATIVNYI ZHURNAL. KHIMIIA [JOURNAL OF ABSTRACTS. CHEMISTRY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 11, June 1961.

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, khimiia i khimicheskaia tekhnologiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Chemistry and Chemical Technology]. Moscow, vol. 4, no. 2, 1961.

VYSOKOMOLEKULIARNYE SOEDINENIIA [MACROMOLECULAR COMPOUNDS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 3, nos. 2, 5, Feb., May, 1961. [With summaries in English.]

*ZHURNAL ANALITICHESKOI KHIMII [JOURNAL OF ANALYTICAL CHEMISTRY]. Published by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 16, no. 2, Apr. 1961. [With summaries in English.]

*ZHURNAL FIZICHESKOI KHIMII [JOURNAL OF PHYSICAL CHEMISTRY]. Published by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 34, no. 4, Apr. 1960; vol. 35, no. 4, Apr. 1961. [With summaries in English.]

*ZHURNAL OBSHCHEI KHIMII [JOURNAL OF GENERAL CHEMISTRY]. Published by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 31, no. 5, May 1961.

e. MATHEMATICS

AKADEMIIA NAUK SSSR. Matematicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Mathematical Institute. Transactions]. Moscow, vol. 61, 1961.
Contents. Vladimirov, V. S. [Mathematical problems in the single-velocity theory of particle transfer] Matematicheskie zadachi odnoskorostnoi teorii perenosa chastits. 157 p.

MATEMATICHESKII SBORNIK [MATHEMATICAL REVIEW]. Published by Akademiia nauk SSSR and Moskovskoe matematicheskoe obshchestvo [Academy of Sciences of the U. S. S. R. and the Moscow Mathematical Society]. Moscow, vol. 53(95), nos. 2, 4, Feb., Apr. 1961.

MATEMATIKA V SHKOLE [MATHEMATICS IN SCHOOLS] Issued by Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R. S. F. S. R.] Moscow, no 3, May-June 1961.

*PRIKLADNAIA MATEMATIKA I MEKHANIKA [APPLIED MATHEMATICS AND MECHANICS]. Published by Institut mekhaniki Otdelenila tekhnicheskikh nauk Akademii nauk SSSR [Mechanics Institute of the Technological Sciences Department of the Academy of Sciences of the U. S. S. R.]. Moscow, vol. 24, no. 2, Mar.-Apr. 1960, vol. 25, no. 2, Mar.-Apr. 1961.

USPEKHI MATEMATICHESKIKH NAUK [PROGRESS IN THE MATHEMATICAL SCIENCES] Published by Moskovskoe matematicheskoe obshchestvo [Moscow Mathematical Society]. Moscow, vol. 16, no. 2(98), Mar.-Apr. 1961.

f PHYSICS

*AKADEMIIA NAUK SSSR. Izvestiia. Seriia fizicheskaia [ACADEMY OF SCIENCES OF THE U. S. S. R. Bulletin. Physical Series] Moscow, vol. 25, no. 5, May 1961.

*AKADEMIIA NAUK SSSR. Izvestiia. Seriia geofizicheskaia [ACADEMY OF SCIENCES OF THE U. S. S. R. Bulletin. Geophysical Series]. Moscow, no. 6, June 1961.

AKADEMIIA NAUK SSSR. Institut fiziki Zemli. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of Physics of the Earth. Transactions]. Moscow, no. 13(180), 1960.
Contents: Koliubakin, V. V., Lapina, M. I. [Review of methods for solving direct and inverse magnetic prospecting problems] Obzor sposobov resheniia priamoi i obratnoi zadach magnitnoi razvedki. 356 p.

AKADEMIIA NAUK UZBEKSKOI SSR, Tashkent. Izvestiia. Seriia fiziko-matematicheskikh nauk [ACADEMY OF SCIENCES OF THE UZBEK S. S. R. Bulletin. Series in Physical and Mathematical Sciences]. Tashkent, no. 2, 1961.

*AKUSTICHESKII ZHURNAL [JOURNAL OF ACOUSTICS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 6, no. 1, 1960.

*FIZIKA TVERDOGO TELA [SOLID STATE PHYSICS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 3, no. 3, Mar., 1961.

FIZIKA V SHKOLE [PHYSICS IN SCHOOLS]. Organ of Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R. S. F. S. R.]. Moscow, vol. 20, no. 2, Mar.-Apr. 1960.

LENINGRAD. GLAVNAIA GEOFIZICHESKAIA OBSERVATORIIA. Trudy [MAIN GEOPHYSICAL OBSERVATORY. Transactions]. No. 109, 1961.

LENINGRAD. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT METROLOGII. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF MENSURATION. Transactions]. No. 33, 1958.

METEOROLOGIIA I GIDROLOGIIA [METEOROLOGY AND HYDROLOGY]. Issued by Glavnoe upravlenie gidrometeorologicheskoi sluzhby pri Sovete Ministrov SSSR [Main Administration of Hydrometeorological Service, Attached to the Council of Ministers of the U. S. S. R.]. Leningrad, no. 6, June 1961.

MOSCOW. TSENTRAL'NYI INSTITUT PROGNOZOV. Trudy [CENTRAL WEATHER INSTITUTE. Transactions]. No. 100, 1960, nos. 99, 107-109, 112, 1961.

MOSCOW. UNIVERSITET. Vestnik. Seriia 3 Fizika, astronomiia [UNIVERSITY. Review. Series 3: Physics, Astronomy]. Vol. 15, no. 6, Nov.-Dec. 1960.

*OPTIKA I SPEKTROSKOPIIA [OPTICS AND SPECTROSCOPY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 8, no. 3, Mar. 1960.

REFERATIVNYI ZHURNAL. FIZIKA [JOURNAL OF ABSTRACTS: PHYSICS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 6, June 1961.

REFERATIVNYI ZHURNAL: MEKHANIKA [JOURNAL OF ABSTRACTS MECHANICS] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 6, June 1961.

*ZHURNAL EKSPERIMENTAL'NOI I TEORETICHESKOI FIZIKI [JOURNAL OF EXPERIMENTAL AND THEORETICAL PHYSICS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 38, no. 2, Feb. 1960.

14. MEDICINE

a GENERAL

AKADEMIIA MEDITSINSKIKH NAUK SSSR, Moscow. Vestnik [ACADEMY OF MEDICAL SCIENCES OF THE U. S. S. R. Journal]. Moscow, vol. 14, nos. 4-5, 1959, vol. 15, nos. 3-4, 1960.

AKTUAL'NYE VOPROSY OBEZBOLIVANIIA [CURRENT PROBLEMS IN ANESTHESIOLOGY]. Issued by TSentral'nyi institut usovershenstvovaniia vrachei (Central Institute of Postgraduate Training for Physicians]. Moscow, no. 2, 1959.
(DNLM)

AZERBAICHAN TIBB ZHURNALY. AZERBAIDZHANSKII MEDITSINSKII ZHURNAL [AZERBAIJAN MEDICAL JOURNAL] Issued by Azerbaichan SSR Sehilie nazirliti [Azerbaijan Ministry of Health]. Baku, no. 4, Apr. 1960

*BIULLETEN' EKSPERIMENTAL'NOI BIOLOGII I MEDITSINY [BULLETIN OF EXPERIMENTAL BIOLOGY AND MEDICINE]. Organ of Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 49, nos. 2-3, Feb.-Mar. 1960, vol. 50, nos. 7, 10, July, Oct. 1960, vol. 51, nos. 1-3, Jan.-Mar. 1961. [With summaries in English.]

KLINICHESKAIA MEDITSINA [CLINICAL MEDICINE]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 39, no 5, May 1961. [With summaries in English.]
(DNLM)

LECHENIE INFEKTSIONNYKH BOL'NYKH [TREATMENT OF INFECTIOUS DISEASES]. Issued by TSentral'nyi institut usovershenstvovaniia vrachei [Central Institute of Postgraduate Training for Physicians]. Moscow, no. 3, 1957, no 4, 1960.
(DNLM)

MEDITSINSKAIA RADIOLOGIIA [MEDICAL RADIOLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 6, no. 3, 1961.
(DNLM)

MEDITSINSKII REFERATIVNYI ZHURNAL [MEDICAL ABSTRACTS]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, Razdel [Section] 1, vol. 5, no. 5, May 1961, Razdel [Section] 2, vol. 5, no. 6, June 1961; Razdel [Section] 3, vol. 5, no. 6, June 1961; Razdel [Section] 5, vol. 5, no. 5, May 1961; Razdel [Section] 6, vol. 5, no. 6, June 1961; Razdel [Section] 7, vol. 5, no. 5, May 1961; Razdel [Section] 8, vol. 5, no. 5, May 1961, Razdel [Section], 9, vol. 5, no. 6, June 1961, Razdel [Section] 10, vol. 5, no. 5, May 1961.

MEDITSINSKII ZHURNAL UZBEKISTANA [MEDICAL JOURNAL OF UZBEKISTAN]. Issued by Ministerstvo zdravookhraneniia UzSSR and Akademiia nauk UzSSR [Ministry of Health of the Uzbek S. S. R. and the Academy of Sciences of the Uzbek S. S. R.]. Tashkent, no. 11, Nov. 1960, nos. 3-4, Mar.-Apr. 1961.

MOSCOW. PERVYI MOSKOVSKII MEDITSINSKII INSTITUT. Trudy [FIRST MOSCOW MEDICAL INSTITUTE. Transactions]. Vol. 3, 1957.

PEZIRIA SENETETSII [HEALTH SERVICE]. Organ of the Ministry of Health of the Moldavian S. S. R. Kishinev, vol. 3, no. 4, July-Aug. 1960. [In Moldavian.]

PROBLEMY ENDOKRINOLOGII I GORMONOTERAPII [PROBLEMS OF ENDOCRINOLOGY AND HORMONE THERAPY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 7, no. 2, 1961.
(DNLM)

PROBLEMY TUBERKULEZA [PROBLEMS OF TUBERCULOSIS]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 30, nos. 3-4, 1960, vol. 39, no. 3, 1961. [With summaries in French.] (DNLM)

SOVETSKOE ZDRAVOOKHRANENIE [SOVIET HEALTH SERVICE]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 20, nos. 1-2, 4-5 1961. [With summaries in English.]

TASHKENT. UZBEKSKII NAUCHNO-ISSLEDOVATEL'SKII TUBERKULEZNYI INSTITUT. Sbornik trudov [UZBEK TUBERCULOSIS SCIENTIFIC RESEARCH INSTITUTE. Collected Papers]. Vol. 3, 1957. (DNLM)

*VOPROSY ONKOLOGII [PROBLEMS OF ONCOLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 7, nos. 2-3, 1961. (DNLM)

ZDRAVOOKHRANENIE BELORUSSII [HEALTH SERVICE OF WHITE RUSSIA]. Organ of Ministerstvo zdravookhraneniia BSSR [Ministry of Health of the White Russian S. S. R.]. Minsk, vol. 6, no. 4, Apr. 1960.

ZDRAVOOKHRANENIE ROSSIISKOI FEDERATSII [HEALTH SERVICE OF THE RUSSIAN FEDERATION]. Issued by Ministerstvo zdravookhraneniia RSFSR [Ministry of Health of the R. S. F. S. R.]. Moscow, vol. 5, no. 5, May 1961.

ZDRAVOOKHRANENIE TURKMENISTANA [HEALTH SERVICE OF TURKMENISTAN]. Organ of Ministerstvo zdravookhraneniia TSSR [Ministry of Health of the Turkmen S. S. R.]. Ashkhabad, vol. 5, no. 2(25), Mar.-Apr. 1961.

b. GYNECOLOGY, OBSTETRICS & PEDIATRICS

PEDIATRIIA [PEDIATRICS]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, no. 5, 1961. (DNLM)

PEDIATRIIA, AKUSHERSTVO I GINEKOLOGIIA [PEDIATRICS, OBSTETRICS, AND GYNECOLOGY]. Organ of Ministerstvo okhorony zdorov'ia URSR [Ministry of Health of the Ukrainian S. S. R.]. Kiev, vol. 22, no. 4, 1960. [In Ukrainian.] (DNLM)

c. NEUROLOGY & PSYCHIATRY

VOPROSY PSIKHIATRII I NEVROPATOLOGII [PROBLEMS OF PSYCHIATRY AND NEUROPATHOLOGY]. Issued by Leningradskoe nauchnoe obshchestvo nevropatalogov i psikhiatrov [Leningrad Scientific Society of Neuropathologists and Psychiatrists]. Leningrad, no. 5, 1950.

ZHURNAL NEVROPATOLOGII I PSIKHIATRII [JOURNAL OF NEUROPATHOLOGY AND PSYCHIATRY]. Issued by Vsesoiuznoe obshchestvo nevropatologov i psikhiatrov [All-Union Society of Neuropathologists and Psychiatrists]. Moscow, vol. 60, nos. 3, 11, 1960. [With summaries in French.]

*ZHURNAL VYSSHEI NERVNOI DEIATEL'NOSTI [JOURNAL OF THE HIGHER NERVOUS FUNCTION]. Published by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 10, no. 2, Mar.-Apr. 1960; vol. 11, no. 1, Jan.-Feb. 1961. [With summaries in English.]

d. OPHTHALMOLOGY & OTORHINOLARYNGOLOGY

OFTALMOLOGICHESKII ZHURNAL [OPHTHALMOLOGICAL JOURNAL]. Issued by Ministerstvo zdravookhraneniia USSR [Ministry of Health of the Ukrainian S. S. R.]. Kiev, vol. 15, no. 3, 1960; vol. 16, no. 3, 1961. [With summaries in English.]

VESTNIK OTORINOLARINGOLOGII [REVIEW OF OTORHINOLARINGOLOGY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 22, no. 1, Jan.-Feb. 1960. (DNLM)

ZHURNAL USHNYKH, NOSOVYKH I GORLOVYKH BOLEZNEI [JOURNAL OF EAR, NOSE, AND THROAT DISEASES]. Issued by Ministerstvo zdravookhraneniia USSR [Ministry of Health of the Ukrainian S. S. R.]. Kiev, vol. 20, no. 1, Jan.-Feb. 1960. [With summaries in English.]

e. PATHOLOGY & THERAPEUTICS

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata, Institut krayevoi patologii. Trudy [ACADEMY OF SCIENCES OF THE KAZAKH S. S. R. Institute of Geographical Pathology. Transactions]. Alma-Ata, vol. 8(15), 1960.

LABORATORNOE DELO [LABORATORY WORK]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.] Moscow, vol. 7, no. 5, May 1961 1961.

PATOLOGICHESKAIA FIZIOLOGIIA I EKSPERIMENTAL'NAIA TERAPIIA [PATHOLOGICAL PHYSIOLOGY AND EXPERIMENTAL THERAPY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 4, nos. 2, 4, Mar.-Apr., July-Aug. 1960, vol. 5, no. 2, Mar.-Apr. 1961. [With summaries in English.]

*PROBLEMY GEMATOLOGII I PERELIVANIIA KROVI [PROBLEMS OF HEMATOLOGY AND BLOOD TRANSFUSION]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 5, nos. 2-3, Feb.-Mar. 1960.

TERAPEVTICHESKII ARKHIV [THERAPEUTIC ARCHIVES]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 31, no. 4, Apr. 1959, vol. 33, no. 4, 1961. [With summaries in English.] (DNLM)

VOPROSY KURORTOLOGII, FIZIOTERAPII I LECHEBNOI FIZICHESKOI KUL'TURY [PROBLEMS OF RESORT THERAPY, PHYSICAL THERAPY, AND THERAPEUTIC PHYSICAL CULTURE]. Moscow, vol. 26, no. 1, 1961. (DNLM)

f. PHARMACY & MATERIA MEDICA

*ANTIBIOTIKI [ANTIBIOTICS]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 5, no. 2, Mar.-Apr. 1960, vol. 6, nos. 1-4, Jan.-Apr. 1961. [With summaries in English.]

*FARMAKOLOGIIA I TOKSIKOLOGIIA [PHARMACOLOGY AND TOXICOLOGY]. Issued by Akademiia meditsinskikh nauk SSSR [Academy of Medical Sciences of the U. S. S. R.]. Moscow, vol. 24, no. 1, Jan.-Feb. 1961. [With summaries in English.]

FARMATSEVTYCHNYI ZHURNAL [PHARMACEUTICAL JOURNAL]. Issued by Ministerstvo okhorony zdorov'ia URSR [Ministry of Health of the Ukrainian S. S. R.]. Kiev, vol. 15, no. 1, 1960. [In Ukrainian.] (DNLM)

MEDITSINSKAIA PROMYSHLENNOST' SSSR [MEDICAL SUPPLIES INDUSTRY OF THE U. S. S. R.]. Organ of Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 15, no. 3, Mar. 1961.

VOPROSY MEDITSINSKOI KHIMII [PROBLEMS OF MEDICAL CHEMISTRY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 6, no. 2, Mar.-Apr. 1960.

g. PUBLIC HEALTH & NURSING

FEL'DSHER I AKUSHERKA [FELDSHER AND MIDWIFE]. Published by Ministerstvo zdravookhraneniia SSSR and Ministerstvo zdravookhraneniia RSFSR [Ministry of Health of the U. S. S. R. and Ministry of Health of the R. S. F. S. R.]. Moscow, vol. 25, no. 4, Apr. 1960; vol. 26, no. 5, May 1961.

GIGIENA I SANITARIIA [HYGIENE AND SANITATION] Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 25, nos. 3, 7, Mar., July 1960. [With summaries in English.]

MEDITSINSKAIA SESTRA [MEDICAL NURSE]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 20, nos. 3-4, Mar.-Apr. 1961.

h. SURGERY & DENTISTRY

KHIRURGIIA [SURGERY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 37, no. 5, May 1961. [With summaries in English.] (DNLM)

ORTOPEDIIA, TRAVMATOLOGIIA I PROTEZIROVANIE [ORTHOPEDICS, TRAUMATOLOGY, AND PROSTHESIS]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 22, no. 1, Jan. 1961. (DNLM)

STOMATOLOGIIA [STOMATOLOGY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 40, nos. 1-2, Jan.-Apr. 1961. (DNLM)

i. VENEREOLOGY & DERMATOLOGY

VESTNIK DERMATOLOGII I VENEROLOGII [REVIEW OF DERMATOLOGY AND VENEREOLOGY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 35, no. 4, Apr. 1961. [With summaries in English.] (DNLM)

15. AGRICULTURE

a. GENERAL

AGROBIOLOGIIA [AGROBIOLOGY]. Organ of Vsesoiuznaia akademiia sel'skokhoziaistvennykh nauk imeni V. I. Lenina [All-Union Lenin Academy of Agricultural Sciences]. Moscow, no. 3(129), May-June 1961

GIDROTEKHNIKA I MELIORATSIIA [HYDRAULIC ENGINEERING AND RECLAMATION]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 13, no. 5, May 1961.

KAZAKSTANNYN AUYL SHARUASHYLYGY [KAZAKHSTAN AGRICULTURE]. Alma-Ata, no. 4, Apr. 1961. [In Kazakh.]

KHOCHAGHI KISHLOKI TOCHIKISTON [AGRICULTURE OF TAJIKISTAN]. Organ of the Ministry of Agriculture of the Tajik S. S. R. Stalinabad, vol. 15, nos. 4-5, Apr.-May 1961. [In Tajik.]

KOLHOSPNYK UKRAINY [COLLECTIVE FARMER OF THE UKRAINE]. Issued by Ministerstvo sil's'koho hospodarstva URSR [Ministry of Agriculture of the Ukrainian S. S. R.]. Kiev, vol. 8, no. 6(82), June 1961. [In Ukrainian.]

KOLKHOZNOE PROIZVODSTVO [COLLECTIVE FARM PRODUCTION]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 21, no. 6, June 1961.

KRESTIANKA [THE PEASANT WOMAN]. Published by Izdvo [Publishing House] "Pravda," Moscow, vol. 39, no. 6, June 1961.

KYRGYZSTANDYN AIYL CHARBASY [AGRICULTURE OF KIRGHIZISTAN]. Issued by the Ministry of Agriculture of the Kirghiz S. S. R. Frunze, nos. 7, 9, 11-12 July, Sep., Nov.-Dec. 1960. [In Kirghiz.]

MEKHANIZATSIIA SIL'S'KOHO HOSPODARSTVA [MECHANIZATION OF AGRICULTURE]. Organ of Ministerstvo sil's'koho hospodarstva URSR [Ministry of Agriculture of the Ukrainian S. S. R.]. Kiev, vol. 12, nos. 5(137)-6, May-June 1961. [In Ukrainian.]

*POCHVOVEDENIE [SOIL SCIENCE]. Published by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, no. 5, May 1961.

SEL'SKII MEKHANIZATOR [THE RURAL MECHANIC]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.] Moscow, no. 5, 1961.

SEL'SKOE KHOZIAISTVO, sistematicheskii ukazatel' statei v inostrannykh zhurnalakh [AGRICULTURE; Classed Index of Articles in Foreign Periodicals]. Issued by TSentral'naia nauchnaia sel'skokhoziaistvennaia biblioteka and Vsesoiuznaia gosudarstvennaia biblioteka inostrannoi literatury [Central Agricultural Library and the All-Union State Library of Foreign Literature]. Moscow, nos. 3(71)-5(73), 1961.

SEL'SKOE KHOZIAISTVO KAZAKHSTANA [AGRICULTURE OF KAZAKHSTAN]. Organ of Ministerstvo sel'skogo khoziaistva and Ministerstvo sovkhozov Kazakhskoi SSR [Ministry of Agriculture and Ministry of State Farms of the Kazakh S. S. R.]. Alma-Ata, vol. 8, no. 5, May 1961.

'SKOE KHOZIAISTVO KIRGIZII [AGRICULTURE OF KIRGHIZIA]. Issued by Ministerstvo sel'skogo khoziaistva Kirgizskoi SSR [Ministry of Agriculture of the Kirghiz S.S.R.]. Frunze, vol.7, no.5, May 1961.

L'SKOE KHOZIAISTVO PODMOSKOV'IA [AGRICULTURE OF THE MOSCOW REGION]. Organ of Oblastnoe upravlenie sel'skogo khoziaistva [Province Administration of Agriculture]. Moscow, vol 10, nos.5-6, May-June 1961.

'SKOF KHOZIAISTVO SEVERNOGO KAVKAZA AGRICULTURE OF THE NORTHERN CAUCASUS]. Organ of Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.]. Krasnodar, vol.4, no.6, June 1961.

E'SKOL KHOZIAISTVO SIBIRI [AGRICULTURE OF SIBERIA]. Organ of Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.]. Omsk, vol.6, no.6, June 1961.

EL'SKOE KHOZIAISTVO TADZHIKISTANA [AGRICULTURE OF TAJIKISTAN]. Organ of Ministerstvo sel'skogo khoziaistva Tadzhikskoi SSR [Ministry of Agriculture of the Tajik S.S.R.]. Stalinabad, vol.15, no.6, June 1961.

L'SKOE KHOZIAISTVO TURKMENISTANA [AGRICULTURE OF TURKMENISTAN]. Issued by Ministerstvo sel'skogo khoziaistva Turkmenskoi SSR [Ministry of Agriculture of the Turkmen S.S.R.] Ashkhabad, vol.5, no.3, May-June 1961.

'SIALISTICHESKOE SEL'SKOE KHOZIAISTVO AZERBAIDZHANA [SOCIALIST AGRICULTURE OF AZERBAIJAN] Issued by Ministerstvo sel'skogo khoziaistva Azerbaidzhanskoi SSR [Ministry of Agriculture of the Azerbaijan S.S.R.] Baku, vol.10, no.6, June 1961.

VKHOZNOE PROIZVODSTVO [STATE FARM PRODUCTION]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, no.6, June 1961.

EKHNIKA V SEL'SKOM KHOZIAISTVE [MACHINERY IN AGRICULTURE]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol.20, no.4, 1960.

ESTNIK SEL'SKOKHOZIAISTVENNOI NAUKI [REVIEW OF AGRICULTURAL SCIENCE]. Issued by Vsesoiuznaia akademiia sel'skokhoziaistvennykh nauk imeni V.I. Lenina [All-Union Lenin Academy of Agricultural Sciences]. Moscow, vol.6, no.5, May 1961.

VISNYK SIL'S'KOHOSPODARS'KOI NAUKY [REVIEW OF AGRICULTURAL SCIENCE]. Issued by Ukrains'ka akademiia sil's'kohospodars'kykh nauk [Ukrainian Academy of Agricultural Sciences]. Kiev, vol.4, no.4, Apr. 1961. [In Ukrainian.]

EMLEDELIE I ZHIVOTNOVODSTVO MOLDAVII [AGRICULTURE AND ANIMAL HUSBANDRY OF MOLDAVIA]. Issued by Ministerstvo sel'skogo khoziaistva Moldavskoi SSR [Ministry of Agriculture of the Moldavian S.S.R.]. Kishinev, vol 6, no.6, June 1961.

b. ANIMAL INDUSTRY

OLOCHNAIA PROMYSHLENNOST' [DAIRY INDUSTRY]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol.22, no.5, May 1961.

KHOTA I OKHOTNICH'E KHOZIAISTVO [HUNTING AND GAME MANAGEMENT]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, no.6, June 1961.

YBOVODSTVO I RYBOLOVSTVO [PISCICULTURE AND FISHING]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vo.4, no.3, May-June 1961.

OTSIALISTYCHNE TVARYNNYTSTVO [SOCIALIST ANIMAL HUSBANDRY]. Organ of Ministerstvo sil's'koho hospodarstva URSR [Ministry of Agriculture of the Ukrainian S.S.R.]. Kiev, vol.32, nos.8-9, Aug.-Sep. 1960; vol.33, nos.1-5, Jan.-May 1961.
(DA)

c. FORESTRY

AKADEMIIA NAUK SSSR. Laboratoriia lesovedeniia. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Laboratory of Forestry. Transactions]. Moscow, vol.1, 1960.

KHARKOV. UKRAINS'KYI NAUKOVO-DOSLIDCHYI INSTYTUT LISOVOHO HOSPODARSTVA I AGROLISOMELIORATSII. Bulleten' nauchno-tekhnicheskoi informatsii [UKRAINIAN SCIENTIFIC RESEARCH INSTITUTE OF FORESTRY AND LAND IMPROVEMENT THROUGH AFFORESTATION. Bulletin of Scientific and Technical Information]. No.5, 1958.
(DA)

LESNOE KHOZIAISTVO [FORESTRY] Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol 14, no.6, June 1961

MASTER LESA [MASTER LUMBERMAN]. Issued by TsK Profsoiuza rabochikh lesnoi, bumazhnoi i derevoobrabatyvaiushchei promyshlennosti [Central Committee of the Trade Union of Workers of the Forest, Paper, and Woodworking Industries]. Moscow, no.6, June 1961.

PUSHKINO. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT LESOVODSTVA I MEKHANIZATSII LESNOGO KHOZIAISTVA. (Trudy) [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF FORESTRY AND THE MECHANIZATION OF FOREST MANAGEMENT. (Transactions)]. Moscow, no.38, 1959.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, lesnoi zhurnal [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Forestry Journal]. Moscow, vol.3, no 1, 1960

TASHKENT. SREDNEAZIATSKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT LESNOGO KHOZIAISTVA. Trudy [CENTRAL ASIATIC SCIENTIFIC RESEARCH INSTITUTE OF FORESTRY. Transactions]. No.7, 1959.
Contents. Kocherga, F.K. [Investigation, planning, and execution of land improvement work in the mountains of Central Asia] Izyskaniia, proektirovanie i proizvodstvo gornomeliorativnykh rabot v Srednei Azii. 249 p.

d. PLANT CULTURE

BIOKHIMIIA ZERNA [BIOCHEMISTRY OF GRAIN]. Published by Institut biokhimii Akademii nauk SSSR [Institute of Biochemistry of the Academy of Sciences of the U.S.S.R.]. Moscow, no.5, 1960

KIEV. UKRAINS'KYI NAUKOVO-DOSLIDNYI INSTITUT ZROSHUVANOHO ZEMLEROBSTVA. Naukovi pratsi [UKRAINIAN SCIENTIFIC RESEARCH INSTITUTE OF IRRIGATION FARMING. Studies]. Kiev, no.1, 1959. [In Ukrainian.]

SADOVODSTVO, VINOGRADARSTVO I VINODELIE MOLDAVII [FRUIT CULTURE, VITICULTURE, AND WINEMAKING IN MOLDAVIA]. Organ of Sovet narodnogo khoziaistva and Ministerstvo sel'skogo khoziaistva Moldavskoi SSR [Economic Council and the Ministry of Agriculture of the Moldavian S.S.R.]. Kishinev, vol.16, nos.1(93)-5(97), Jan.-May 1961.
(DA)

SELEKTSIIA I SEMENOVODSTVO [PLANT BREEDING AND SEED PRODUCTION]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol.26, nos.2-3, Mar.-June 1961.

TABAK [TOBACCO]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R.]. Moscow, vol.22, no.2, 1961.
(DA)

TRUDY PO PRIKLADNOI BOTANIKE, GENETIKE I SELEKTSII [TRANSACTIONS ON APPLIED BOTANY, GENETICS, AND PLANT BREEDING]. Issued by Vsesoiuznyi institut rastenievodstva [All-Union Institute of Plant Culture]. Leningrad, vol.32, no.3, 1959. [With summaries in English.]

VINODELIE I VINOGRADARSTVO SSSR [VITICULTURE AND WINE MAKING IN THE U.S.S.R.]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TSentral'noe pravlenie nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol.21, no.4(203), 1961.

16. TECHNOLOGY

a. GENERAL

ERIVAN. POLITEKHNICHESKII INSTITUT. Sbornik nauchnykh trudov [POLYTECHNIC INSTITUTE. Collected Scientific Works]. No.20, 1959. Mashinostroenie [Machinery manufacturing], no.4.

INZHENERNO-FIZICHESKII ZHURNAL [JOURNAL OF ENGINEERING PHYSICS]. Issued by Akademiia nauk BSSR [Academy of Sciences of the White Russian S.S.R.]. Minsk, vol.4, nos.4-5, Apr.-May 1961. [With summaries in English.]

IUNYI TEKHNIK [YOUNG TECHNICIAN]. Issued by TsK VLKSM and TSentral'nyi Sovet pionerskoi organizatsii imeni V.I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the Lenin Pioneers] Moscow, vol 5, nos.1-2,5, Jan.-Feb., May, 1961.

IZMERITEL'NAIA TEKHNIKA [MEASUREMENT TECHNIQUES]. Issued by Komitet standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR [Committee of Standards, Measures, and Measuring Instruments, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, no.5, May 1960, nos.5-6, May-June 1961

IZOBRETATEL' I RATSIONALIZATOR [INVENTOR AND EFFICIENCY PROMOTER] Issued by Vsesoiuznoe obshchestvo izobretatelei i ratsionalizatorov [All-Union Society of Inventors and Efficiency Promoters]. Moscow, no.5, May 1961.

LENINGRAD. LENINGRADSKII INZHENERNO-EKONOMICHESKII INSTITUT. Trudy [LENINGRAD ENGINEERING AND ECONOMICS INSTITUTE. Transactions]. No.34, 1960.
Contents [Principal problems in the design of municipal electric networks] Osnovnye voprosy proektirovaniia gorodskikh elektricheskikh setei. 81 p.

MOSCOW, TSENTRAL'NYI INSTITUT TEKHNIKO-EKONOMICHESKOI INFORMATSII. Bioilleten' tekhniko-ekonomicheskoi informatsii [CENTRAL INSTITUTE OF TECHNICAL AND ECONOMIC INFORMATION. Bulletin of Technical and Economic Information]. No.4, 1961.

NAUCHNO-TEKHNICHESKIE OBSHCHESTVA SSSR [SCIENTIFIC TECHNOLOGICAL SOCIETIES OF THE U.S.S.R.]. Issued by Vsesoiuznyi sovet nauchno-tekhnicheskikh obshchestv [All-Union Council of Scientific Technological Societies]. Moscow, vol.2, no.5, May 1960; vol.3, no.5, May 1961.

NOVOCHERKASSK. POLITEKHNICHESKII INSTITUT. Trudy [POLYTECHNIC INSTITUTE. Transactions]. Erivan, vol.91, 1960.

NOVYE KNIGI ZA RUBEZHOM. Seriia B: Tekhnika [NEW FOREIGN BOOKS. Series B. Technology]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, vol.5, no.5(53), May 1961.

STANDARTIZATSIIA [STANDARDIZATION]. Organ of Komitet standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR [Committee of Standards, Measures, and Measuring Instruments, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol.25, no.5, May 1961.

SVERDLOVSK. URAL'SKII POLITEKHNICHESKII INSTITUT. Trudy [URAL POLYTECHNIC INSTITUTE. Transactions]. Moscow, no.99, 1960.

TEKHNIKA - MOLODEZHI [TECHNOLOGY FOR YOUTH]. Moscow, vol.29, nos.4-5, Apr. 1961.

b. AERONAUTICS

GRAZHDANSKAIA AVIATSIIA [CIVIL AVIATION]. Issued by Glavnoe upravlenie grazhdanskogo vozdushnogo flota pri Sovete Ministrov SSSR [Main Administration of Civil Aviation, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol.18, no.5, May 1961.

MOSCOW. AVIATSIONNYI INSTITUT. Trudy [AERONAUTICAL INSTITUTE. Transactions]. No.130, 1960; no.133, 1961,

MOSCOW. AVIATSIONNYI TEKHNOLOGICHESKII INSTITUT. Trudy [TECHNOLOGICAL INSTITUTE OF AERONAUTICS. Transactions]. No.49, 1961.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, aviatsionnaia tekhnika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Aviation Engineering]. Moscow, vol 3, no. 2, 1960.

c CHEMICAL TECHNOLOGY

GAZOVAIA PROMYSHLENNOST' [GAS INDUSTRY]. Organ of Glavnoe upravlenie gazovoi promyshlennosti pri Sovete Ministrov SSSR [Main Administration of the Gas Industry, Attached to the Council of Ministers of the U.S.S.R.] and others. Leningrad, vol 6, no. 5, May 1961.

GIDROLIZNAIA I LESOKHIMICHESKAIA PROMYSHLENNOST' [HYDROLYSIS AND WOOD CHEMISTRY INDUSTRY]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov RSFSR and TSentral'noe pravlenie NTO bumazhnoi i derevoobrabatyvaiushchei promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the R.S.F.S.R and the Central Administration of the Scientific Technological Society of the Paper and Woodworking Industries]. Moscow, vol. 14, no. 4, 1961

*KAUCHUK I REZINA [CRUDE AND VULCANIZED RUBBER]. Organ of Gosudarstvennyi Komitet Soveta Ministrov SSSR po khimii and Vsesoiuznoe khimicheskoe obshchestvo [State Committee of the Council of Ministers of the U.S.S.R. for Chemistry and the All-Union Chemical Society]. Moscow, vol. 20, nos 4-5, Apr.-May 1961.

KHIMICHESKOE MASHINOSTROENIE [CHEMICAL MACHINERY MANUFACTURE]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R.]. Moscow, no. 3, May-June 1960, no. 3, May-June 1961

KHIMIIA I TEKHNOLOGIIA TOPLIV I MASEL [CHEMISTRY AND TECHNOLOGY OF FUEL AND OIL]. Issued by Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R.] and others. Moscow, vol. 6, no. 5, May 1961.

KONSERVNAIA I OVOSHCHESUSHIL'NAIA PROMYSHLENNOST' [THE CANNING AND DEHYDRATED VEGETABLE INDUSTRY]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 16, no. 5, May 1961.

MASLOBOINO-ZHIROVAIA PROMYSHLENNOST' [OILS AND FATS INDUSTRY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. on the Coordination of Research and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 27, no. 5, May 1961.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII I KONSTRUKTORSKII INSTITUT KHIMICHESKOGO MASHINOSTROENIIA. Trudy [ALL-UNION SCIENTIFIC RESEARCH AND DESIGN INSTITUTE OF CHEMICAL ENGINEERING. Transactions]. No. 20, 1959.

PLASTICHESKIE MASSY [PLASTICS]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po khimii [State Committee for Chemistry of the Council of Ministers of the U.S.S.R.]. Moscow, no. 6, 1961.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; pishchevaia tekhnologiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Food Technology]. Moscow, no. 2(21), 1961.

SAKHARNAIA PROMYSHLENNOST' [SUGAR INDUSTRY]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 34, no. 5, May 1960; vol. 35, no. 5, May 1961.

SOVETSKOE FOTO [THE SOVIET PHOTOGRAPH]. Issued by Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.] Moscow, vol. 21, no. 5, May 1961.

* STEKLO I KERAMIKA [GLASS AND CERAMICS]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, vol. 18, nos. 3, 5, Mar., May 1961.

ZHURNAL NAUCHNOI I PRIKLADNOI FOTOGRAFII I KINEMATOGRAFII [JOURNAL OF SCIENTIFIC AND APPLIED PHOTOGRAPHY AND CINEMATOGRAPHY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 5, no 2, Mar.-Apr. 1960, vol. 6, no. 3, May 1961.

*ZHURNAL PRIKLADNOI KHIMII [JOURNAL OF APPLIED CHEMISTRY]. Published by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 33, no 10, Oct 1960, vol. 34, no 3, Mar. 1961.

d CIVIL & CONSTRUCTION ENGINEERING

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut betona i zhelezobetona, Perovo. Trudy [ACADEMY OF CONSTRUCTION AND ARCHITECTURE OF THE U.S.S.R. Institute of Concrete and Reinforced Concrete. Transactions]. Moscow, no. 16, 1960.

AVTOMOBIL'NYE DOROGI [HIGHWAYS]. Issued by Ministerstvo transportnogo stroitel'stva SSSR [Ministry of Construction for the Transportation Industry of the U.S.S.R.]. Moscow, vol. 24, nos. 3(221)-4(222), Mar.-Apr. 1961

BETON I ZHELEZOBETON [CONCRETE AND REINFORCED CONCRETE]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, no. 5, May 1960, no. 3, Mar. 1961.

BIULLETEN' STROITEL'NOI TEKHNIKI [BULLETIN OF CONSTRUCTION ENGINEERING]. Published by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, vol. 18, no. 5, May 1961.

GIDROTEKHNICHESKOE STROITEL'STVO [HYDROTECHNICAL CONSTRUCTION]. Issued by Ministerstvo stroitel'stva elektrostantsii SSSR [Ministry for the Construction of Electric Power Stations of the U.S.S.R.]. Moscow, vol. 30, no. 5, May, 1960; vol 31, no. 4, Apr. 1961.

GORODSKOE KHOZIAISTVO MOSKVY [MUNICIPAL ECONOMY OF MOSCOW]. Organ of Ispolkom Moskovskogo gorodskogo soveta deputatov trudiashchikhsia [Executive Committee of the Moscow City Soviet of Workers' Deputies]. Moscow, vol. 35, nos. 3-4, Mar.-Apr. 1961.

LENINGRAD. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT GIDROTEKHNIKI. Izvestiia [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF HYDRAULIC ENGINEERING. Bulletin]. Vols. 63-65, 1960.

MEKHANIZATSIIA STROITEL'STVA [MECHANIZATION OF CONSTRUCTION]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva stroitel'noi industrii [State Committee of the Council of Ministers of the U.S.S.R. for Construction and the Central Administrat entific Technological Society of the C try]. Moscow, vol. 18, no. 3, Mar. 1

MONTAZHNYE I SPETSIALIZIROVAN V STROITEL'STVE [ASSEMBLING OPERATIONS IN CONSTRUCTION] nisterstvo stroitel'stva RSFSR and pravlenie Nauchno-tekhnicheskogo tel'noi industrii [Ministry of Const R.S.F.S.R. and the Central Admin Scientific Technological Society of Industry]. Moscow, vol. 23, no. 4,

MOSCOW, GOSUDARSTVENNYI VSE ISSLEDOVATEL'SKII INSTITUT T MYSHLENNOSTI. Nauchnye soobs ALL-UNION SCIENTIFIC RESEA THE CEMENT INDUSTRY. Scient Nos. 7(38)-9(40), 1960.

OPYT STROITEL'STVA [CONSTRUCT Issued by TSentral'nyi institut nauc po stroitel'stvu i arkhitekture Akad i arkhitektury SSSR [Central Instit Information on Construction and Ar Academy of Construction and Archi U.S.S.R.]. Moscow, no. 32, 1960.

OSNOVANIIA, FUNDAMENTY I MEKHANIKA GRUNTOV [FOUNDATIONS AND SOIL MECHANICS]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, vol. 3, no. 2, 1961.

POZHARNOE DELO [FIRE FIGHTING]. Issued by Ministerstvo vnutrennikh del RSFSR [Ministry of the Interior of the R.S.F.S.R.]. Moscow, vol. 7(51), no. 3, 5, Mar., May 1961

PROMYSHLENNAIA AERODINAMIKA [INDUSTRIAL AERODYNAMICS] Issued by TSentral'nyi aerogidrodinamicheskii Institut [Central Aerohydrodynamic Institute]. Moscow, no. 18, 1960.

PROMYSHLENNOE STROITEL'STVO [INDUSTRIAL CONSTRUCTION] Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva stroitel'noi industrii [State Committee of the Council of Ministers of the U.S.S.R. for Construction and the Central Administration of the Scientific Technological Society of the Building Industry]. Moscow, vol. 38, no. 5, 1960.

PUT' I PUTEVOE KHOZIAISTVO [RAILROAD TRACKS AND ROADWAY MAINTENANCE]. Organ of Ministerstvo putei soobshcheniia SSSR [Ministry of Railroad Transportation of the U.S.S.R.]. Moscow, vol. 5, no. 1, Jan. 1961.

REFERATIVNYI ZHURNAL. STROITEL'STVO I ARKHITEKTURA [JOURNAL OF ABSTRACTS CONSTRUCTION AND ARCHITECTURE]. Issued by Akademiia stroitel'stva i arkhitektury SSSR [Academy of Construction and Architecture of the U.S.S.R.]. Moscow, no. 3(35), 1961. 208 p.

REFERATIVNYI ZHURNAL. TRANSPORT [JOURNAL OF ABSTRACTS TRANSPORTATION]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no 6, June 1961.

SEL'SKII STROITEL' [RURAL BUILDER]. Organ of Glavnoe upravlenie po stroitel'stvu v kolkhozakh Ministerstva sel'skogo khoziaistva RSFSR [Main Administration of Construction on Collective Farms of the Ministry of Agriculture of the R.S.F.S.R.]. Moscow, vol. 15, nos. 2(135)-3(136), Feb.-Mar. 1961.

STROITEL' [THE BUILDER]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva and TSentral'nyi komitet Profsoiuza rabochikh stroitel'stva i promyshlennosti stroitel'nykh materialov [State Committee of the Council of Ministers of the U.S.S.R. for Construction and the Central Committee of the Trade Union of Construction and Building Materials Workers]. Moscow, no. 4, Apr. 1961.

STROITEL'NAIA MEKHANIKA I RASCHET SOORUZHENII [STRUCTURAL MECHANICS AND CONSTRUCTION CALCULATIONS]. Issued by Akademiia stroitel'stva i arkhitektury SSSR [Academy of Construction and Architecture of the U.S.S.R.]. Moscow, vol. 2, no. 2, 1960, vol. 3, no. 2, 1961.

STROITEL'NYE MATERIALY [BUILDING MATERIALS]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, vol. 7, no. 4, Apr. 1961.

TASHKENT, SREDNEAZIATSKII NAUCHNO-ISSLEDOVA- [illegible] [CENTRAL

ZHILISHCHNOE STROITEL'STVO [HOUSING CONSTRUCTION]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva and TSentral'noe pravlenie NTO stroitel'noi industrii [State Committee of the Council of Ministers of the U.S.S.R. for Construction and the Central Administration of the Scientific Technological Society of the Building Industry]. Moscow, no. 4, Apr. 1961.

e ELECTRICAL ENGINEERING

ANNOTIROVANNYI UKAZATEL' LITERATURY PO RADIOELEKTRONIKE [ANNOTATED BIBLIOGRAPHY ON ELECTRONICS]. Moscow, vol. 17, no. 9, 1961

*ATOMNAIA ENERGIIA [ATOMIC ENERGY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 10, no. 5, May 1961

ATOMNAIA TEKHNIKA ZA RUBEZHOM [NUCLEAR ENGINEERING ABROAD]. Issued by Gosudarstvennyi Komitet Soveta Ministerov SSSR po ispol'zovaniu atomnoi energii [State Committee of the Council of Ministers of the U.S.S.R. for the Utilization of Atomic Energy]. Moscow, vol. 5, no. 6, June 1961.

AVTOMATYKA [AUTOMATIC CONTROL]. Issued by Instytut elektrotekhniky Akademii nauk URSR [Institute of Electrical Engineering of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, no. 1, 1960.

ELEKTRICHESKIE STANTSII [ELECTRIC POWER STATIONS]. Organ of Gosplan SSSR, Nauchno-tekhnicheskii komitet Soveta Ministrov SSSR, and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva energeticheskoi promyshlennosti [State Planning Commission of the U.S.S.R., Scientific and Technical Committee of the Council of Ministers of the U.S.S.R., and the Central Administration of the Scientific Technological Society of the Industrial Power Industry]. Moscow, vol. 31, no. 12, Dec. 1960; vol. 32, no. 5, May 1961.

ENERGETIK [ELECTRIC POWER TECHNICIAN]. Issued by Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TSentral'nyi Komitet Profsoiuza rabochikh elektrostantsii i elektropromyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. and the Central Committee of the Trade Union of the Workers of Electric Power Stations and the Electrical Industry]. Moscow, vol 9, no. 5, May 1961.

MOSCOW. INSTITUT MEKHANIZATSII I ELEKTRIFIKATSII SEL'SKOGO KHOZIAISTVA. Trudy [INSTITUTE OF FARM MECHANIZATION AND ELECTRIFICATION. Transactions]. No. 6, 1959.

REFERATIVNYI ZHURNAL: AVTOMATIKA I RADIOELEKTRONIKA [JOURNAL OF ABSTRACTS: AUTOMATIC CONTROL AND RADIO ENGINEERING]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 6, June 1961.

REFERATIVNYI ZHURNAL: ELEKTROTEKHNIKA I ENERGETIKA [JOURNAL OF ABSTRACTS: ELECTRICAL ENGINEERING AND ELECTRIC POWER]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 6, June 1961

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; elektromekhanika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Electrical Machinery and Apparatus]. Novocherkassk, vol. 3, no. 12, 1960.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, energetika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Power Engineering]. Moscow, vol. 4, no. 4, Apr. 1961.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, radiotekhnika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Radio Engineering]. Moscow, vol. 4, no. 2, Mar.-Apr. 1961.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Nauchnye doklady vysshei shkoly; radiotekhnika i elektronika [Ministry of Higher and Secondary Specialized Education. Research Papers of Higher Schools; Radio Engineering and Electronics]. Moscow, no. 2, 1959.

ZARUBEZHNAIA RADIOELEKTRONIKA [RADIO ENGINEERING ABROAD]. Moscow, vol. 16, no. 5, May 1961.

f INDUSTRIES & TRADES

AKADEMIIA NAUK URSR, Kiev. Instytut elektrozvariuvannia. Avtomaticheskaia svarka [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Institute of Electric Welding. Automatic Welding]. Kiev, vol. 14, nos. 5(98)-6(99), May-June 1961

BUMAZHNAIA PROMYSHLENNOST' [PAPER INDUSTRY]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov RSFSR and TSentral'noe pravlenie NTO bumazhnoi i derevoobrabatyvaiushchei promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the R.S.F.S.R. and the Central Administration of the Scientific Technological Society and the Paper and Woodworking Industry]. Moscow, vol. 36, nos. 4-5, Apr.-May 1961.

*DEREVOOBRABATYVAIUSHCHAIA PROMYSHLENNOST' [WOODWORKING INDUSTRY] Issued by Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov RSFSR and TSentral'noe pravlenie NTO bumazhnoi i derevoobrabatyvaiushchei promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the R.S.F.S.R. and the Central Administration of the Scientific Technological Society of the Paper and Woodworking Industry]. Moscow, vol. 10, nos. 3, 5, Mar., May 1961

KOZHEVENNO-OBUVNAIA PROMYSHLENNOST' [LEATHER AND FOOTWEAR INDUSTRY]. Issued by Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TSentral'noe pravlenie NTO legkoi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. and the Central Administration of the Scientific Technological Society of Light Industry]. Leningrad, vol. 2, no. 3, Mar. 1960, vol. 3, nos. 1, 4, Jan., Apr. 1961.

MI'STNAIA PROMYSHLENNOST' I KHUDOZHESTVENNYE PROMYSLY [LOCAL INDUSTRY AND ART TRADES]. Issued by Gosudarstvennyi komitet po delam mestnoi promyshlennosti i khudozhestvennykh promyslov [State Committee for Local Industry and Art Trades]. Moscow, vol. 2, no. 5, May 1961.

MOSCOW. NAUCHNO-ISSLEDOVATEL'SKII INSTITUT MEKHOVOI PROMYSHLENNOSTI. Nauchno-issledovatel'skie trudy [SCIENTIFIC RESEARCH INSTITUTE OF THE FUR INDUSTRY. Scientific Research Papers]. No. 9, 1959.

MOSCOW. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT KOZHEVENNO-OBUVNOI PROMYSHLENNOSTI. Nauchno-issledovatel'skie trudy [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF THE LEATHER-FOOTWEAR INDUSTRY. Scientific Research Papers]. No. 30, 1959.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT KONDITERSKOI PROMYSHLENNOSTI. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF THE CONFECTIONERY INDUSTRY. Transactions]. No. 14, 1959.

OBSHCHESTVENNOE PITANIE [PUBLIC FOOD SERVICE]. Issued by Ministerstvo torgovli RSFSR [Ministry of Commerce of the R.S.F.S.R.]. Moscow, no. 5, May 1961.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; tekhnologiia legkoi promyshlennosti [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Technology of Light Industry]. Moscow, no 1, 1960, no. 2(20), 1961.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; tekhnologiia tekstil'noi promyshlennosti [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Technology of the Textile Industry]. Moscow, no. 2(21), 1961.

SVARKA; sbornik statei [WELDING, Collected Papers]. Published by Gosudarstvennoe soiuznoe izdatel'stvo sudostroitel'noi promyshlennosti [State Union Publishing House of the Shipbuilding Industry]. Leningrad, vol. 2, 1959.

TEKSTIL'NAIA PROMYSHLENNOST' [TEXTILE INDUSTRY]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva legkoi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. and the Central Administration of the Scientific Technological Society of Light Industry]. Moscow, vol. 20, no. 3, Mar. 1960.

g MECHANICAL ENGINEERING

AKADEMIIA NAUK SSSR. Institut mashinovedeniia. Seminar po tochnosti v mashinostroenii i priborostroenii. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Mechanical Engineering. Seminar on Precision in Machinery and Instrument Manufacture. Transactions]. Moscow, no. 15, 1961.

AVTOMOBIL'NAIA PROMYSHLENNOST' [AUTOMOBILE INDUSTRY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu [State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture]. Moscow, vol. 27, no. 5, May 1961.

AVTOMOBIL'NYI TRANSPORT [AUTOMOTIVE TRANSPORTATION]. Issued by Ministerstvo avtomobil'nogo transporta i shosseinykh dorog RSFSR and TSentral'nyi komitet Profsoiuza rabotnikov aviazi, rabochikh avtomobil'nogo transporta i shosseinykh dorog [Ministry of Automotive Transport and Highways of the R.S.F.S.R. and the Central Committee of the Trade Union of Communication, Automotive Transport, and Highway Workers]. Moscow, vol. 30, nos. 4-5, Apr.-May 1961.

KUZNECHNO-SHTAMPOVOCHNOE PROIZVODSTVO [FORGING AND STAMPING]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu and Nauchno-tekhnicheskoe obshchestvo mashinostroitel'noi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture and of the Scientific Technological Society of the Machinery Industry]. Moscow, vol. 3, no. 5, May 1961

MASHINOSTROITEL' [MACHINE BUILDER]. Organ of Nauchno-tekhnicheskoe obshchestvo mashinostroitel'noi promyshlennosti [Scientific-Technological Society of the Machinery Manufacturing Industry]. Moscow, no. 5, May 1960, no. 5, May 1961.

MEKHANIZATSIIA I AVTOMATIZATSIIA PROIZVODSTVA [MECHANIZATION AND AUTOMATION OF PRODUCTION] Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R.]. Moscow, vol. 15, no. 5, May 1961.

MOSCOW. MOSKOVSKII INSTITUT INZHENEROV ZHELEZNODOROZHNOGO TRANSPORTA. Trudy [MOSCOW INSTITUTE OF ENGINEERS OF RAILROAD TRANSPORTATION. Transactions]. No. 113, 1959; no. 131, 1961.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT ZHELEZNODOROZHNOGO TRANSPORTA. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF RAILROAD TRANSPORTATION. Transactions]. No. 196, 1960, nos. 208-209, 1961.

No. 200, 1960.
Contents. [Improving the organization of grain transportation] Ratsionalizatsiia perevozok khlebnykh gruzov. 134 p.

No. 203, 1960.
Contents: Karetnikov, A.D., Vorob'ev, N.A. [Improvement of train sheets and better utilization of the traffic capacity of railroad lines] Sovershenstvovanie grafika dvizhenila poezdov i uluchshenie ispol'zovania propusknoi sposobnosti zheleznodorozhnykh linii. 218 p.

No. 206, 1961.
Contents: Mochenov, I.G., Rudnev, V.N., Sokolov, S.D. [Studying the power supply systems of electrified railroads] Issledovanila ustroistv energosnabzhenila elektrifitsirovannykh zheleznykh dorog. 68 p.

No. 207, 1961.
Contents: Andrievskii, S.M. [Side wear of rails on curves] Bokovoi iznos rel'sov na krivykh. 126 p.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT ZHELEZNODOROZHNOGO TRANSPORTA. Vestnik [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF RAILROAD TRANSPORTATION. Journal]. vol. 20, no. 3, 1961.

*PRIBOROSTROENIE [INSTRUMENT MANUFACTURE]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva priborostroitel'noi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture and the Central Administration of the Scientific Technological Society of the Instrument Industry]. Moscow, no. 5, May 1960, no. 5, May 1961.

RUSSIA (1923- U. S. S. R.) Glavnoe gruzovoe upravlenie. Informatsionnyi listok [Main Freight Administration. Information Bulletin]. Moscow, no. 15, 1959

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, mashinostroenie [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Machine Building]. Moscow, no. 1, 1960, no. 3, 1961.

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, priborostroenie [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Instrument Manufacture]. Moscow, vol. 3, no. 1, 1960; vol. 4, no. 2, 1961.

*STANKI I INSTRUMENT [MACHINE TOOLS AND THEIR CUTTING TOOLS]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva mashinostroitel'noi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture and the Central Administration of the Scientific Technological Society of the Machinery Industry]. Moscow, vol. 31, no. 5, May 1960, vol. 32, no. 5, May 1961.

STROITEL'NYE I DOROZHNYE MASHINY [ROAD AND CONSTRUCTION MACHINERY]. Issued by Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu [State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture]. Moscow, vol. 6, no. 2, Feb. 1961.

TRAKTORY I SEL'KHOZMASHINY [TRACTORS AND AGRICULTURAL MACHINERY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu [State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture]. Moscow, vol. 31, no. 5, May 1961.

*VESTNIK MASHINOSTROENIIA [MACHINE BUILDING REVIEW]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R.] Moscow, vol. 41, no. 5, May 1961.

b MINING & METALLURGY

AKADEMIIA NAUK SSSR. Institut geologii i razrabotki goriuchikh iskopaemykh. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of the Geology and the Development of Mineral Fuel Deposits. Transactions]. Moscow, vol. 2, 1960.

AKADEMIIA NAUK SSSR. Institut goriuchikh iskopaemykh. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Mineral Fuels. Transactions]. Moscow, vol. 13, 1960.

AKADEMIIA NAUK SSSR. Institut gornogo dela. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Mining. Transactions]. Moscow, vol. 5, 1960.

AKADEMIIA NAUK SSSR. Institut metallurgii. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Metallurgy. Transactions]. Moscow, no. 4, 1960.

AKADEMIIA NAUK SSSR. Institut nefti. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Petroleum Institute. Transactions]. Moscow, vol. 14, 1960.

AKADEMIIA NAUK SSSR. Laboratoriia geologii uglia. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Laboratory of Geology of Coal. Transactions]. Moscow, no. 11, 1961.
Contents: [Coal-bearing area of southern Yakutia] IUzhnoiakutskaia uglenosnaia ploshchad'. 454 p.

AKADEMIIA NAUK URSR, Kiev. Instytut chornoi metalurgii. Trudy [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Institute of Ferrous Metallurgy. Transactions]. Kiev, vol. 12, 1960.

AKADEMIIA NAUK URSR, Kiev. Instytut geologii korysnykh kopalyn, Lvov. Pratsi [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Institute of the Geology of Mineral Deposits. Transactions]. Kiev, vol. 2, 1960. [In Ukrainian.]

AZERBAIDZHANSKOE NEFTIANOE KHOZIAISTVO [AZERBAIJAN PETROLEUM INDUSTRY]. Organ of Ministerstvo neftianoi promyshlennosti Azerbaidzhanskoi SSR [Ministry of the Petroleum Industry of the Azerbaijan S.S.R.]. Baku, vol. 40, no. 3(417), Mar. 1961.

BAKU. AZERBAIDZHANSKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT PO DOBYCHE NEFTI. Trudy [AZERBAIJAN SCIENTIFIC RESEARCH INSTITUTE FOR PETROLEUM PRODUCTION. Transactions] No. 9, 1960.

*FIZIKA METALLOV I METALLOVEDENIE [THE PHYSICS OF METALS AND PHYSICAL METALLURGY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Sverdlovsk, vol 9, no. 4, Apr. 1960, vol. 11, nos. 2, 4-5, Feb., Apr.-May 1961.

*GEOLOGIIA NEFTI I GAZA [THE GEOLOGY OF PETROLEUM GAS]. Issued by Ministerstvo geologii i okhrany nedr SSSR and Glavnoe upravlenie gazovoi promyshlennosti pri Sovete Ministrov SSSR [The Ministry of Geology and the Conservation of Mineral Resources of the U.S.S.R. and the Main Administration of the Gas Industry, Attached to the Council of Ministers of the U.S.S.R.] Moscow, vol. 4, no. 4, Apr. 1960.

GEOLOGIIA RUDNYKH MESTOROZHDENII [GEOLOGY OF ORE DEPOSITS] Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, no. 2, Mar.-Apr. 1961.

GORNYI ZHURNAL [MINING JOURNAL]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R.] and others. Moscow, no. 3, Mar 1960.

GROZNY. NEFTIANOI INSTITUT. Trudy [PETROLEUM INSTITUTE. Transactions]. No. 21, 1959.

LENINGRAD, GORNYI INSTITUT. Zapiski [INSTITUTE OF MINING. Records] Vol 40, 1959.

LENINGRAD, NAUCHNO-ISSLEDOVATEL'SKII I PROEKTNYI INSTITUT MEKHANICHESKOI OBRABOTKI POLEZNYKH ISKOPAEMYKH. Trudy [SCIENTIFIC RESEARCH AND PLANNING INSTITUTE FOR THE MECHANICAL PROCESSING OF MINERALS. Transactions]. No. 125, 1960.

LITEINOE PROIZVODSTVO [FOUNDRY PRACTICE]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR, Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu, and Nauchno-tekhnicheskoe obshchestvo mashinostroitel'noi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R., State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture, and the Scientific Technological Society of the Machine-Building Industry]. Moscow, no. 5, May 1961.

*METALLOVEDENIE I TERMICHESKAIA OBRABOTKA METALLOV [METALS AND HEAT TREATMENT OF METALS]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu and TSentral'noe pravlenie nauchno-tekhnicheskogo obshchestva mashinostroitel'noi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture and the Central Administration of the Scientific Technological Society of the Machinery Industry]. Moscow, no. 5, May 1961.

*METALLURG [METALLURGIST]. Issued by Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TsK Profsoiuza rabochikh metallurgicheskoi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. and the Central Committee of Trade Unions of Workers in the Metallurgical Industry]. Moscow, vol. 6, nos. 3, 5-6, Mar., May-June 1961.

MOSCOW. GORNYI INSTITUT. Gornoe nauchnoe studencheskoe obshchestvo. Nauchnye raboty studentov [MINING INSTITUTE. Mining Students' Scientific Society. Student Research Papers]. No. 7, 1959.

MOSCOW. INSTITUT NEFTEKHIMICHESKOI I GAZOVOI PROMYSHLENNOSTI. Trudy [INSTITUTE OF THE PETROCHEMICAL AND GAS INDUSTRY. Transactions]. No. 30, 1959.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII GEOLOGORAZVEDOCHNYI NEFTIANOI INSTITUT. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF PETROLEUM GEOLOGY AND PROSPECTING. Transactions]. No. 10, 1958.

NEFTIANIK [THE PETROLEUM WORKER]. Issued by Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TsK Profsoiuza rabochikh neftianoi i khimicheskoi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. and the Central Committee of the Trade Union of Workers of the Petroleum and Chemical Industries]. Moscow, vol. 6, no. 5, May 1961.

OBOGASHCHENIE I BRIKETIROVANIE UGLEI [COAL PREPARATION AND BRIQUETTING]. Issued by Vsesoiuznyi proektno-konstruktorskii i nauchno-issledovatel'skii institut po obogashcheniiu i briketirovaniiu uglei [All-Union Planning, Design, and Research Institute for Coal Preparation and Briquetting]. Moscow, no. 14, 1960.

*OGNEUPORY [REFRACTORIES]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva chernoi metallurgii [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. and the Central Administration of the Scientific Technological Society of Ferrous Metallurgy]. Moscow, vol. 25, no. 5, 1960; vol. 26, no. 4, 1961.

*RAZVEDKA I OKHRANA NEDR [PROSPECTING AND CONSERVATION OF MINERAL RESOURCES]. Organ of Ministerstvo geologii i okhrany nedr SSSR and TSK Profsoiuza rabochikh geologorazvedochnykh rabot [Ministry of Geology and the Conservation of Mineral Resources of the U.S.S.R. and the Central Committee of the Trade Union of Workers Employed in Geological Prospecting]. Moscow, vol. 27, nos. 2-4, Feb.-Apr. 1961.

REFERATIVNYI ZHURNAL GORNOE DELO [JOURNAL OF ABSTRACTS· MINING]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no 5, May 1961.

REFERATIVNYI ZHURNAL, METALLURGIIA [JOURNAL OF ABSTRACTS· METALLURGY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 6, June 1961.

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, geologiia i razvedka [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Geology and Prospecting]. Moscow, vol. 3, no. 12, Dec. 1960

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; gornyi zhurnal [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Mining Journal]. Moscow, nos. 9, 11-12, 1959, nos. 2-3, 6, 1960.

SBORNIK MATERIALOV PO AVTOMATIZATSII PROIZVODSTVENNYKH PROTSESSOV I DISPETCHERIZATSII [COLLECTION OF PAPERS ON THE AUTOMATION OF PRODUCTION PROCESSES AND ON CENTRALIZED CONTROL] Issued by TSentral'nyi institut informatsii tsvetnoi metallurgii [Central Institute for Information on Nonferrous Metallurgy]. Moscow, no. 5, 1960.

SHAKHTNOE STROITEL'STVO [MINE CONSTRUCTION]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, vol. 5, no. 4, Apr. 1961.

*STAL' [STEEL]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva chernoi metallurgii [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. and the Central Administration of the Scientific Technological Society of Ferrous Metallurgy]. Moscow, vol. 20, no. 7, July 1960, vol. 21, nos. 5-6, May-June 1961. [With summaries in English, German, and French in insert.]

STROITEL'STVO TRUBOPROVODOV [PIPELINE CONSTRUCTION]. Issued by Glavnoe upravlenie gazovoi promyshlennosti pri Sovete Ministrov SSSR [Main Administration of the Gas Industry, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 6, no. 2, Feb. 1961.

TITAN I EGO SPLAVY [TITANIUM AND ITS ALLOYS]. Issued by Institut metallurgii Akademii nauk SSSR [Institute of Metallurgy of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 1, 1958.

*TSVETNYE METALLY [NONFERROUS METALS]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva tsvetnoi metallurgii [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. and the Central Administration of the Scientific Technological Society of Nonferrous Metallurgy]. Moscow, vol. 34, no. 5, May 1961.

UGOL' [COAL]. Issued by Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TSentral'noe pravlenie Nauchno-tekhnicheskogo gornogo obshchestva [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. and the Central Administration of the Scientific Technological Mining Society]. Moscow, vol 36, nos 3(420)-5(422), Mar. -May 1961

UGOL' UKRAINY [COAL OF THE UKRAINE]. Issued by Gosudarstvennyi nauchno-tekhnicheskii Komitet Soveta Ministrov USSR [State Scientific and Technical Committee, Attached to the Council of Ministers of the Ukrainian S. S. R.] Kiev, vol. 5, no. 5, May 1961.

*ZAVODSKAIA LABORATORIIA [THE FACTORY LABORATORY] Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U S S. R.]. Moscow, vol. 27, no 5, 1961

17. MILITARY & NAVAL SCIENCES

a MILITARY SCIENCE

KOMMUNIST VOORUZHENNYKH SIL [COMMUNIST OF THE ARMED FORCES]. Issued by Glavnoe politicheskoe upravlenie Sovetskoi Armii i Voenno-Morskogo Flota [Main Political Administration of the Soviet Army and Navy]. Moscow, vol 1, nos 11-12 June 1961.

NASHI VESTI [OUR NEWS] Published by Soiuz chinov Russkogo Korpusa [The Association of Members of the Russian Corps]. New York, no 180, June 1961.

SOVETSKII VOIN [SOVIET SOLDIER]. Issued by Glavnoe politicheskoe upravlenie Sovetskoi Armii i Voenno-Morskogo Flota [Main Political Administration of the Soviet Army and Navy]. Moscow, vol. 41, nos. 4, 6, Feb. -Mar., 1960.

VESTNIK VOZDUSHNOGO FLOTA [REVIEW OF THE AIR FORCE] Issued by Upravlenie Voenno-Vozdushnykh Sil [Administration of the Air Force] Moscow, no. 12, Dec 1960

VOENNYI VESTNIK [MILITARY REVIEW]. Issued by Ministerstvo oborony SSSR [Ministry of Defense of the U. S S R.] Moscow, vol. 40, no 10, Oct. 1960 [PHOTOCOPY]

b NAVAL SCIENCE

LENINGRAD. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT MORSKOGO FLOTA Trudy [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF THE MERCHANT MARINE. Transactions]. Vol 7, no. 32, 1961.

MORSKOI FLOT [THE MERCHANT MARINE]. Organ of Ministerstvo morskogo flota SSSR [Ministry of the Merchant Marine of the U S S R.]. Moscow, vol. 21, no. 5, May 1961.

MOSCOW. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT EKONOMIKI I EKSPLUATATSII VODNOGO TRANSPORTA. Trudy [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF THE ECONOMICS AND OPERATION OF WATER TRANSPORTATION. Transactions]. No. 19, 1960

RECHNOI TRANSPORT [INLAND WATER TRANSPORTATION]. Issued by Ministerstvo rechnogo flota RSFSR [Ministry of the River Fleet of the R. S. F S. R.] Moscow, vol. 19, nos. 2-3, Feb. -Mar. 1960; vol. 20, nos. 3, 5, Mar., May, 1961.

RUSSIA (1923- U S.S.R.) Registr Soiuza SSR. Biulleten' dopolnenii i izmenenii k deistvuiushchim normam ostoichivosti morskikh i reidovykh sudov dlia transportnogo i promyslovogo flota [Register of Shipping of the U.S.S R. Bulletin of Additions and Amendments to the Stability Standards for the Seagoing Ships and Harbor Craft of the Merchant Marine and the Fishing Fleet] Leningrad, no. 3, 1959.

SOVETSKII MORIAK [SOVIET SAILOR] Issued by Glavnoe politicheskoe upravlenie Sovetskoi Armii i Voenno-Morskogo Flota [Main Political Administration of the Soviet Army and Navy] Moscow, vol. 20, no. 4, Feb. 1960.

[illegible]

[illegible]

[illegible]	[illegible]
[illegible]	Gazovaya promyshlennost' [Gas Industry]
[illegible]	Geologiya nefti i gaza [The Geology of Petroleum and Gas]
[illegible]	Geologicheskiy zhurnal [Geological Journal]. In Ukrainian
[illegible]	[illegible] ... Bulletin of Additions and Amendments to the Stability Standards for the Seagoing Ships and Harbor Craft of the Merchant Marine and the Fishing Fleet]

idr.i mel. (16a)	Gidrotekhnika i melioratsiia [Hydraulic Engineering and Reclamation]
idr. strol. (16d)	Gidrotekhnicheskoe stroitel'stvo [Hydrotechnical Construction]
idroliz.i lesokhim.prom. (16c)	Gidrolizнaia i lesokhimicheskaia promyshlennost' [Hydrolysis and Wood Chemistry Industry]
ig.i san. (14g)	Gigiena i sanitariia [Hygiene and Sanitation]
or.khoz. Mosk. (16d)	Gorodskoe khoziaistvo Moskvy [Municipal Economy of Moscow]
or.zhur. (16h)	Gornyi zhurnal [Mining Journal]
razhd.av. (16b)	Grazhdanskaia aviatsiia [Civil Aviation]
iform.biul.nov. inostr.knig.postup.v Bibl. im. V.I.Len. Ser.1 (2a)	Moscow. Publichnaia biblioteka. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I.Lenina. Seriia 1. Fiziko-matematicheskie, khimicheskie i geologo-geograficheskie nauki; tekhnika i tekhnicheskie nauki [Public Library. Information Bulletin of New Foreign Books Received by the Lenin Library. Series 1: Physical Mathematical. Chemical and Geological-Geographical Sciences; Technology and Technological Sciences]
iform.biul.nov. inostr.knig. postup.v Bibl im V.I.Len.Ser.2 (2a)	Moscow. Publichnaia biblioteka. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I.Lenina. Seriia 2. Biologicheskie, meditsinskie i sel'skokhoziaistvennye nauki [Public Library. Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 2. Biological, Medical, and Agricultural Sciences]
iform.biul.Sov. antark.eksp. (1a)	Sovetskaia antarkticheskaia ekspeditsiia, 1955-1958. Informatsionnyi biulleten' [Soviet Antarctic Expedition, 1955-1958. Information Bulletin]
iform.list.Glav. gruz.upr. (16g)	Russia (1923- U.S.S.R.) Glavnoe gruzovoe upravlenie. Informatsionnyi listok [Main Freight Administration. Information Bulletin]
nform.ukaz.bibl. spis.i kart. (2a)	Informatsionnyi ukazatel' bibliograficheskikh spiskov i kartotek, sostavlennykh bibliotekami Sovetskogo Soiuza [Information Index of Bibliographical Lists and Card Files, Compiled by the Libraries of the Soviet Union]
nostr.lit. (11b)	Inostrannaia literatura [Foreign Literature]
nzh.-fiz.zhur. (16a)	Inzhenerno-fizicheskii zhurnal [Journal of Engineering Physics]
sk.kino (9a)	Iskusstvo kino [Cinema Art]
skusstvo (10a)	Iskusstvo [Art]
sel.dal'nevost. mor.SSSR (13c)	Akademiia nauk SSSR. Zoologicheskii institut. Issledovaniia dal'nevostochnykh morei SSSR [Academy of Sciences of the U.S.S.R. Zoological Institute. Investigations of the Far Eastern Seas of the U.S.S.R.]
st.-filol.sbor. (4a)	Akademiia nauk SSSR. Komi filial. Syktyvkar. Istoriko-filologicheskii sbornik [Academy of Sciences of the U.S.S.R. Komi Branch. Historical and Philological Review]
st.SSSR (4a)	Istoriia SSSR [History of the U.S.S.R.]
Un.tekh. (16a)	IUnyi tekhnik [Young Technician]
zm.tekh. (16a)	Izmeritel'naia tekhnika [Measurement Techniques]
zobr.i rats. (16a)	Izobretatel' i ratsionalizator [Inventor and Efficiency Promoter]
zv.AN Arm.SSR. Obshchestv.nauki (1a)	Akademiia nauk Armianskoi SSR, Erivan. Izvestiia. Obshchestvennye nauki [Academy of Sciences of the Armenian S.S.R. Bulletin. Social Sciences]. In Russian and Armenian.
zv.AN Azerb.SSR. Ser.biol.i med. nauk (13c)	Akademiia nauk Azerbaidzhanskoi SSR, Baku. Izvestiia. Seriia biologicheskikh i meditsinskikh nauk [Academy of Sciences of the Azerbaijan S.S.R. Bulletin. Series in the Biological and Medical Sciences]
	i SSR, Baku. Izvestiia, h nauk [Academy of R. Bulletin. Series in Sciences]
	ia-Ata. Izvestiia. Sciences of the al Series]
	Otdelenie khimicheskikh ie U.S.S.R. Bulletin. es]
	Otdelenie literatury i the U.S.S.R. Bulletin. nguage]
	Seriia biologicheskaia S.S.R. Bulletin. Bio-
	Seriia fizicheskaia .S.S.R. Bulletin.
	Seriia geofizicheskaia .S.S.R. Bulletin. Geo-
	Seriia geograficheskaia .S.S.R. Bulletin. Geo-
	Seriia geologicheskaia .S.S.R. Bulletin. Geo-
	shkent. Izvestiia ek S.S.R. Bulletin]
Izv Glav astron obser AN URSR (13b)	Akademiia nauk URSR, Kiev. Holovna astronomichna observatoriia. Izvestiia [Academy of Sciences of the Ukrainian S.S.R. Main Astronomical Observatory]
Izv Sib.otd AN SSSR. Geol.i geofiz. (12c)	Akademiia nauk SSSR. Sibirskoe otdelenie. Izvestiia. Geologiia i geofizika [Academy of Sciences of the U.S.S.R. Siberian Branch. Bulletin. Geology and Geophysics]
Izv VNIIG (16d)	Leningrad. Vsesoiuznyi nauchno-issledovatel'skii institut gidrotekhniki. Izvestiia [All-Union Scientific Research Institute of Hydraulic Engineering. Bulletin]
Izv.vys.ucheb.zav.; av.tekh. (16b)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; aviatsionnaia tekhnika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Aviation Engineering]
Izv.vys.ucheb.zav.; elektromekh (16e)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; elektromekhanika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Electrical Machinery and Apparatus]
Izv.vys.ucheb.zav.; energ. (16e)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; energetika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Power Engineering]
Izv.vys.ucheb.zav.; geod.i aerof. (13b)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; geodeziia i aerofotos"emka [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Geodesy and Aerial Photography]
Izv.vys.ucheb.zav.; geol.i razv. (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; geologiia i razvedka [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Geology and Prospecting]
Izv.vys.ucheb.zav.; gor.zhur. (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; gornyi zhurnal [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Mining Journal]
Izv.vys.ucheb.zav.; khim.i khim.tekh. (13d)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; khimiia i khimicheskaia tekhnologiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Chemistry and Chemical Technology]
Izv.vys.ucheb.zav.; les.zhur. (15c)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; lesnoi zhurnal [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Forestry Journal]
Izv.vys.ucheb.zav.; mashinostr. (16g)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; mashinostroenie [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Machine Building]
Izv.vys.ucheb.zav.; pishch.tekh. (16c)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; pishchevaia tekhnologiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Food Technology]
Izv.vys.ucheb.zav.; prib. (16g)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; priborostroenie [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Instrument Manufacture]
Izv.vys.ucheb.zav.; radiotekh. (16e)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; radiotekhnika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Radio Engineering]
Izv.vys.ucheb.zav.; tekh.leg.prom. (16f)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; tekhnologiia legkoi promyshlennosti [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Technology of Light Industry]
Izv.vys.ucheb.zav.; tekh.tekst.prom. (16f)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; tekhnologiia tekstil'noi promyshlennosti [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Technology of the Textile Industry]
Kal.znam.i pam.dat (4a)	Kalendar' znamenatel'nykh i pamiatnykh dat [Calendar of Significant and Memorable Dates]
Kauch.i rez. (16c)	Kauchuk i rezina [Crude and Vulcanized Rubber]
Khim.i tekh.topl. i masel (16c)	Khimiia i tekhnologiia topliv i masel [Chemistry and Technology of Fuel and Oil]
Khim.mash. (16c)	Khimicheskoe mashinostroenie [Chemical Machine Building]
Khim.; sist.uk.st. v inostr.zhur. (13d)	Moscow. Vsesoiuznaia gosudarstvennaia biblioteka inostrannoi literatury. Khimiia, sistematicheskii ukazatel' statei v inostrannykh zhurnalakh.
Khim.v shkole (13d)	Khimiia v shkole [Chemistry in Schools]
Khirurgiia (14h)	Khirurgiia [Surgery]
Klin.med. (14a)	Klinicheskaia meditsina [Clinical Medicine]

ov. sov. i inostr. lit. po stranam zarubezhnogo Vostoka (2a) — Novaia sovetskaia i inostrannaia literatura po stranam zarubezhnogo Vostoka [New Soviet and Foreign Literature on the Countries of the Non-Soviet East]

ov. sov lit. o nauke i nauch.-issl. rab v SSSR (2a) — Novaia sovetskaia literatura o nauke i nauchno-issledovatel'skoi rabote v SSSR [New Soviet Literature on Science and General Research in the U.S.S.R.]

ov sov. lit. po lit. (11b) — Novaia sovetskaia literatura po literaturovedeniiu [New Soviet Literature on the Study of Literature]

Nov. vrem. (6) — Novoe vremia [New Times]

Novyi mir (11b) — Novyi mir [The New World]

Obog. i brik. ugl. (16h) — Obogashchenie i briketirovanie uglei [Coal Preparation and Briquetting]

Obshchestv. nauki v Uz. (1a) — Obshchestvennye nauki v Uzbekistane [Social Sciences in Uzbekistan]

Obshchestv. pit. (16f) — Obshchestvennoe pitanie [Public Food Service]

Oft. zhur. (14d) — Oftalmologicheskii zhurnal [Ophthalmological Journal]

Ogneupory (16h) — Ogneupory [Refractories]

Ogonek (1b) — Ogonek [The Little Light]

Okhr. prir. i zapov. delo v SSSR (13a) — Okhrana prirody i zapovednoe delo v SSSR. Biulleten' [Protection of Nature and the Work of the Preserves in the U.S.S.R. Bulletin]

Okhr. truda i sots. strakh. (6d) — Okhrana truda i sotsial'noe strakhovanie [Protection of Labor and Social Insurance]

Oktiabr' (11b) — Oktiabr' [October]

Opt. i spektr (13f) — Optika i spektroskopiia [Optics and Spectroscopy]

Opyt stroi. (16d) — Opyt stroitel'stva [Construction Practice]

Ortop., travm. i protez. (14h) — Ortopediia, travmatologiia i protezirovanie [Orthopedics, Traumatology, and Prosthesis]

Osn., fund. i mekh. grun (16d) — Osnovaniia, fundamenty i mekhanika gruntov [Foundations and Soil Mechanics]

Part. zhizn' (6) — Partiinaia zhizn' [Party Life]

Part. zhizn' Kazakh. (6) — Partiinaia zhizn' Kazakhstana [Party Life of Kazakhstan]

Pat. fiziol. i eksp. terap. (14e) — Patologicheskaia fiziologiia i eksperimental'naia terapiia [Pathological Physiology and Experimental Therapy]

Ped., akush. i gin. (14b) — Pediatriia, akusherstvo i ginekologiia [Pediatrics, Obstetrics, and Gynecology]. In Ukrainian.

Ped. i nar. obr. v zarub. stran. (8a) — Pedagogika i narodnoe obrazovanie v zarubezhnykh stranakh; sbornik referatov [Pedagogy and Education Abroad; Abstracts]

Pediatriia (14b) — Pediatriia [Pediatrics]

Pisat. sti. nai. dom. (11b) — Akademiia nauk SSSR. Institut mirovoi literatury. Pisatelei stran narodnoi demokratii [Academy of Sciences of the U.S.S.R. Institute of World Literature. Writers of the People's Democracies]

Plan. khoz. (5b) — Planovoe khoziaistvo [Planned Economy]

Plast. massy (16c) — Plasticheskie massy [Plastics]

Po rad. Ukr. (1b) — Ukrains'ke tovarystvo druzhby i kul'turnoho zv'iazku z zarubizhnymy krainamy. Po radians'kii Ukraini; fotokhronika [Ukrainian Society for Friendship and Cultural Relations with Foreign Countries. Through Soviet Ukraine; photo report]

Pochvovedenie (15a) — Pochvovedenie [Soil Science]

Poligr. proizv. (2c) — Poligraficheskoe proizvodstvo [Printing Industry]

Politi samoobr (6) — Politicheskoe samoobrazovanie [Political Self-Education]

Pozh. delo (16d) — Pozharnoe delo [Fire Fighting]

Pratsi Inst. geol. kor. kop. AN URSR (16h) — Akademiia nauk URSR, Kiev. Instytut geologii koryanykh kopalyn, Lvov. Pratsi [Academy of Sciences of the Ukrainian S.S.R. Institute of the Geology of Mineral Deposits. Transactions]

Prep. ist. v shkole (4a) — Prepodavanie istorii v shkole [Teaching History in Schools]

Priborostroenie (16g) — Priborostroenie [Instrument Manufacture]

Prikl. mat. i mekh. (13e) — Prikladnaia matematika i mekhanika [Applied Mathematics and Mechanics]

Priroda (13a) — Priroda [Nature]

Probl. endokr. i horm. (14a) — Problemy endokrinologii i gormonoterapii [Problems of Endocrinology and Hormone Therapy]

Pytannia rozv. prod. syl L'viv. i Stanislav. kon. adm. rai. (5b) — Pytannia rozvyytku produktyvnykh syl L'vivs'koho i Stanislavs'koho ekonomichnykh administratyvnykh raioniv [Problems of the Development of the Productive Forces of Lvov and Stanislav Economic Administrative Regions]

Probl. gemat. i perel. krovi (14e) — Problemy gematologii i perelivaniia krovi [Problems of Hematology and Blood Transfusion]

Probl. istoch. (4a) — Akademiia nauk SSSR. Institut istorii. Problemy istochnikovedeniia [Academy of Sciences of the U.S.S.R. Institute of History. Problems of the Study of Historical Sources]

Probl. kin. i kat. (13d) — Problemy kinetiki i kataliza [Problems of Kinetics and Catalysis]

Probl. tub. (14a) — Problemy tuberkuleza [Problems of Tuberculosis]

Prom. aerodin. (16d) — Promyshlennaia aerodinamika [Industrial Aerodynamics]

Prom. stroi. (16d) — Promyshlennoe stroitel'stvo [Industrial Construction]

Put' i put. khoz. (16d) — Put' i putevoe khoziaistvo [Railroad Tracks and Roadway Maintenance]

Rab. i sial. (6d) — Rabotnitsa i sialianka [The Woman Worker and the Peasant Woman]. In White Russian.

Rad. lit. (11b) — Radians'ke literaturoznavstvo [Soviet Literary Review]. In Ukrainian.

Rad. pravo (7) — Radians'ke pravo [Soviet Law]. In Ukrainian.

Radiokhimiia (13d) — Radiokhimiia [Radiochemistry]

Raspr. pech. (2c) — Rasprostranenie pechati [Distribution of Publications]

Razved. i okh. nedr (16h) — Razvedka i okhrana nedr [Prospecting and Conservation of Mineral Resources]

Rech. transp. (17b) — Rechnoi transport [Inland Water Transportation]

Ref. sbor.: Ekon. prom. (5b) — Referativnyi sbornik: Ekonomika promyshlennosti [Journal of Abstracts: Economics of Industry]

Ref. zhur. Astron. i geod. (13b) — Referativnyi zhurnal: Astronomiia i geodeziia [Journal of Abstracts: Astronomy and Geodesy]

Ref. zhur.: Avtom. i radioelektr. (16e) — Referativnyi zhurnal: Avtomatika i radioelektronika [Journal of Abstracts: Automatic Control and Radio Engineering]

Ref. zhur.: Biol. (13c) — Referativnyi zhurnal. Biologiia [Journal of Abstracts: Biology]

Ref. zhur.: Elektrotekhn. i energ. (16e) — Referativnyi zhurnal: Elektrotekhnika i energetika [Journal of Abstracts: Electrical Engineering and Electric Power]

Ref. zhur.: Fiz. (13f) — Referativnyi zhurnal: Fizika [Journal of Abstracts: Physics]

Ref. zhur. Geol. (12c) — Referativnyi zhurnal: Geologiia [Journal of Abstracts: Geology]

Ref. zhur.: Gor. delo (16h) — Referativnyi zhurnal: Gornoe delo [Journal of Abstracts: Mining]

Ref. zhur.: Khim. (13d) — Referativnyi zhurnal: Khimiia [Journal of Abstracts: Chemistry]

Ref. zhur.: Khim.; Biol. khim. (13c) — Referativnyi zhurnal. Khimiia; Biologicheskaia khimiia [Journal of Abstracts Chemistry; Biological Chemistry]

Ref. zhur. Mekh. (13f) — Referativnyi zhurnal: Mekhanika [Journal of Abstracts: Mechanics]

Ref. zhur.: Met. (16h) — Referativnyi zhurnal Metallurgiia [Journal of Abstracts: Metallurgy]

Ref. zhur.: Stroi. i arkhit. (16d) — Referativnyi zhurnal: Stroitel'stvo i arkhitektura [Journal of Abstracts: Construction and Architecture]

Ref. zhur Transp. (16d) — Referativnyi zhurnal: Transport [Journal of Abstracts: Transportation]

Sakh. prom. (16c) — Sakharnaia promyshlennost' [Sugar Industry]

Sbor. mat. po avtom. proizv. prots. i disp. (16h) — Sbornik materialov po avtomatizatsii proizvodstvennykh protsessov i dispetcherizatsii [Collection of Papers on the Automation of Production Processes and on Centralized Control]

Sbor. nauch. rab. Bel. otd. VBO (13c) — Vsesoiuznoe botanicheskoe obshchestvo. Belorusskoe otdelenie. Sbornik nauchnykh rabot [All-Union Botanical Society. White Russian Branch. Collected Papers]

Sbor. nauch. trud. ErPI (16a) — Erivan. Politekhnicheskii institut. Sbornik nauchnykh trudov [Polytechnic Institute Collected Scientific Works]

Sbor. trud. Uz. nauch.-issl. tub. inst (14a) — Tashkent. Uzbekskii nauchno-issledovatel'skii tuberkuleznyi institut Sbornik trudov [Uzbek Tuberculosis Scientific Research Institute. Collected Papers]

Sel'. khoz. (15a) — Sel'skoe khoziaistvo; sistematicheskii ukazatel' statei v inostrannykh zhurnalakh [Agriculture; Classed Index of Articles in Foreign Periodicals]

Sel'. mekh. (15a) — Sel'skii mekhanizator [The Rural Mechanic]

Sel'. stroi. (16d) — Sel'skoe stroitel'stvo [Rural Construction]

Shakht. stroi. (16h) — Shakhtnoe stroitel'stvo [Mine Construction]

Shkola i proizv. (8a) — Shkola i proizvodstvo [School and Production]

Smena (5e) — Smena [The Younger Generation]

Soob. AN Gruz. SSR (1a) — Akademiia nauk Gruzinskoi SSR, Tiflis. Soobshcheniia [Academy of Sciences of the Georgian S.S.R. Reports. Russian language edition]

Sots. kul't. (1b) — Sotsialisticheskaia kul'tura [Socialist Culture]. In Ukrainian.

Sots. obesp. (5e) — Sotsial'noe obespechenie [Social Security]

Sots. zakon. (7) — Sotsialisticheskaia zakonnost' [Socialist Legality]

Sov. bibl. (2a) — Sovetskaia bibliografiia [Soviet Bibliography]

Sov. deput. trud. (6) — Sovety deputatov trudiashchikhsia [Soviets of Workers' Deputies]

Sov. etn. (12a) — Sovetskaia etnografiia [Soviet Ethnography]

Sov. foto (16c) — Sovetskoe foto [The Soviet Photo]

Sov. geol. (12c) — Sovetskaia geologiia [Soviet Geology]

Sov. just. (7) — Sovetskaia iustitsiia [Soviet Justice]

Sov. knizh. torg. (2c) — Sovetskaia knizhnaia torgovlia [Soviet Book Trade]

Sov. krim. na sluzh. sled. (7) — Sovetskaia kriminalistika na sluzhbe sledstviia [Soviet Criminology in the Service of Investigation]

Sov. mor. (17b) — Sovetskii morlak [Soviet Sailor]

Sov. muz. (9b) — Sovetskaia muzyka [Soviet Music]

Sov. pech. (2b) — Sovetskaia pechat' [Soviet Press]

Sov. pedag. (8a) — Sovetskaia pedagogika [Soviet Pedagogy]

Sov. potreb. koop. (5b) — Sovetskaia potrebitel'skaia kooperatsiia [Soviet Consumer Cooperation]

Sov. profsoiuzy (5d) — Sovetskie profsoiuzy [Soviet Trade Unions]

Sov. radio i tel. (9a) — Sovetskoe radio i televidenie [Soviet Radio and Television]

Sov.torg. (5a)	Sovetskaia torgovlia [Soviet Commerce]
Sov.Ukr. (11b)	Sovetskaia Ukraina [Soviet Ukraine]
Sov.voin (17a)	Sovetskii voin [Soviet Soldier]
Sov.zdrav. (14a)	Sovetskoe zdravookhranenie [Soviet Health Service]
Sovr.Mong. (1b)	Sovremennaia Mongoliia [Contemporary Mongolia]
Sred.spets. obr. (8a)	Srednee spetsial'noe obrazovanie [Secondary Specialized Education]
Stal' (10h)	Stal' [Steel]
Stan.i instr. (10g)	Stanki i instrument [Machine Tools and Their Cutting Tools]
Standartizatsiia (16a)	Standartizatsiia [Standardization]
Stek.i ker. (10c)	Steklo i keramika [Glass and Ceramics]
Stomatologiia (14h)	Stomatologiia [Stomatology]
Strel.i dor. mash. (10g)	Strelkovye i dorozhnye mashiny [Road and Construction Machinery]
Strel.mat. (10d)	Stroitel'nye materialy [Building Materials]
Strel.mekh.i rashch.soor. (10d)	Stroitel'naia mekhanika i raschet sooruzhenii [Structural Mechanics and Construction Calculations]
Strel truboprov. (10h)	Stroitel'stvo truboprovodov [Pipeline Construction]
Stroitel' (10d)	Stroitel' [The Builder]
Svarka (10f)	Svarka; sbornik statei [Welding; Collected Papers]
Svod.biul.nov. inostr.knig. Ser.A (2a)	Svodnyi biulleten' novykh inostrannykh knig, postupivshikh v biblioteki SSSR. Seriia A: Estestvennye nauki, meditsina, sel'skoe khoziaistvo, tekhnika [Union List of New Foreign Books Received by the Libraries of the U.S.S.R. Series A: Natural Sciences, Medicine, Agriculture, Technology]
Svod.biul.nov. inostr.knig. Ser.B (2a)	Svodnyi biulleten' novykh inostrannykh knig, postupivshikh v biblioteki SSSR. Seriia B: Obshchestvennye nauki [Union List of New Foreign Books Received by the Libraries of the U.S.S.R. Series B: Social Sciences]
Teatr (9c)	Teatr [The Theater]
Tekh.kino i telev. (9a)	Tekhnika kino i televidenila [Motion-Picture and Television Engineering]
Tekh.mol. (16a)	Tekhnika - molodezhi [Technology for Youth]
Tekh.v sel'khoz. (15a)	Tekhnika v sel'skom khoziaistve [Machinery in Agriculture]
Tekst.prom. (10f)	Tekstil'naia promyshlennost' [Textile Industry]
Teor.i prak.fiz. kul'. (8b)	Teoriia i praktika fizicheskoi kul'tury [Theory and Practice of Physical Education]
Terap.arkh. (14e)	Terapevticheskii arkhiv [Therapeutic Archives]
Titan i ego splavy (10h)	Titan i ego splavy [Titanium and Its Alloys]
Trakt.i sel'khozmash. (10g)	Traktory i sel'khozmashiny [Tractors and Agricultural Machinery]
Transp.strel. (10d)	Transportnoe stroitel'stvo [Construction for the Transportation Industry]
Trudy API (1a)	Baku. Azerbaidzhanskii gosudarstvennyi pedagogicheskii institut. Trudy [Azerbaijan State Pedagogical Institute. Transactions]
Trudy AzNII DN (10h)	Baku. Azerbaidzhanskii nauchno-issledovatel'skii institut po dobyche nefti. Trudy [Azerbaijan Scientific Research Institute for Petroleum Production. Transactions]
Trudy Biogeokhim.lab. (12c)	Akademiia nauk SSSR. Biogeokhimicheskaia laboratoriia. Trudy [Academy of Sciences of the U.S.S.R. Biogeochemical Laboratory. Transactions]
Trudy GGO (13f)	Leningrad. Glavnaia geofizicheskaia observatoriia. Trudy [Main Geophysical Observatory. Transactions]
Trudy GIN (12c)	Akademiia nauk SSSR. Geologicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Geological Institute. Transactions]
Trudy GNI (10h)	Grozny. Neftianoi institut. Trudy [Petroleum Institute. Transactions]
Trudy Gor.-geol. inst.UFAN SSSR (12c)	Akademiia nauk SSSR. Ural'skii filial, Sverdlovsk. Gorno-geologicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Ural Branch. Mining-Geological Institute. Transactions]
Trudy IGEM (12c)	Akademiia nauk SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. Trudy [Academy of Sciences of the U.S.S.R. Institute of the Geology of Ore Deposits, Petrology, Mineralogy, and Geochemistry. Transactions]
Trudy IGI (10h)	Akademiia nauk SSSR. Institut gorjuchikh iskopaemykh. Trudy [Academy of Sciences of the U.S.S.R. Institute of Mineral Fuels. Transactions]
Trudy Inst.biol. IAFAN SSSR (13c)	Akademiia nauk SSSR. IAkutskii filial, Yakutsk. Institut biologii. Trudy [Academy of Sciences of the U.S.S.R. Yakut Branch. Institute of Biology. Transactions]
Trudy Inst.bot. AN Kazakh.SSR (13c)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut botaniki. Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of Botany. Transactions]
Trudy Inst.bot. AN Uz.SSR (13c)	Akademiia nauk Uzbekskoi SSR, Tashkent. Institut botaniki. Trudy [Academy of Sciences of the Uzbek S.S.R. Institute of Botany. Transactions]
Trudy Inst.chern met. AN URSR (10h)	Akademiia nauk URSR, Kiev. Instytut chornoi metalurgii. Trudy [Academy of Sciences of the Ukrainian S.S.R. Institute of Ferrous Metallurgy. Transactions]
Trudy Inst.fiz. Zem. (13f)	Akademiia nauk SSSR. Institut fiziki Zemli. Trudy [Academy of Sciences of the U.S.S.R. Institute of Physics of the Earth. Transactions]
Trudy Inst.geol.i razrab.gor.iskop. (10h)	Akademiia nauk SSSR. Institut geologii i razrabotki gorjuchikh iskopaemykh. Trudy [Academy of Sciences of the U.S.S.R. Institute of the Geology and the Development of Mineral Fuel Deposits. Transactions]
Trudy Inst.gor dela (10h)	Akademiia nauk SSSR. Institut gornogo dela. Trudy [Academy of Sciences of the U.S.S.R. Institute of Mining. Transactions]
Trudy Inst.ist. est.i tekh. (13a)	Akademiia nauk SSSR. Institut istorii estestvoznaniia i tekhniki. Trudy [Academy of Sciences of the U.S.S.R. Institute of the History of Natural Sciences and Technology. Transactions]
Trudy Inst.kraev pat AN Kazakh.SSR (14e)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut kraevoi patologii. Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of Geographical Pathology. Transactions]
Trudy Inst.mash. Sem.po toch.v mash.i prib. (10g)	Akademiia nauk SSSR. Institut mashinovedeniia. Trudy. Seminar po tochnosti v mashinostroenii i priborostroenii [Academy of Sciences of the U.S.S.R. Institute of Mechanical Engineering. Transactions. Seminar on Precision in Machinery and Instrument Manufacture]
Trudy Inst.met. (10h)	Akademiia nauk SSSR. Institut metallurgii. Trudy [Academy of Sciences of the U.S.S.R. Institute of Metallurgy. Transactions]
Trudy Inst.min., geokhim.i kristallokhim. red.elem. (12c)	Akademiia nauk SSSR. Institut mineralogii, geokhimii i kristallokhimii redkikh elementov. Trudy [Academy of Sciences of the U.S.S.R. Institute of the Mineralogy, Geochemistry, and Crystallography of Rare Elements. Transactions]
Trudy LIEI (16a)	Leningrad. Leningradskii inzhenerno-ekonomicheskii institut. Trudy [Leningrad Engineering and Economics Institute. Transactions]
Trudy Lab geol ugl (10h)	Akademiia nauk SSSR. Laboratoriia geologii uglia. Trudy [Academy of Sciences of the U.S.S.R. Laboratory of the Geology of Coal. Transactions]
Trudy Lab.lesoved. (15c)	Akademiia nauk SSSR. Laboratoriia lesovedeniia. Trudy [Academy of Sciences of the U.S.S.R. Laboratory of Forestry. Transactions]
Trudy MAI (16b)	Moscow. Aviatsionnyi institut. Trudy [Aeronautical Institute. Transactions]
Trudy MATI (16b)	Moscow. Aviatsionnyi tekhnologicheskii institut. Trudy [Technological Institute of Aeronautics. Transactions]
Trudy MGRI (12c)	Moscow. Moskovskii geologorazvedochnyi institut. Trudy [Moscow Geological Prospecting Institute. Transactions]
Trudy MIIT (16g)	Moscow. Moskovskii institut inzhenerov zheleznodorozhnogo transporta. Trudy [Moscow Institute of Engineers of Railroad Transportation. Transactions]
Trudy MIMESKH (16e)	Moscow. Institut mekhanizatsii i elektrifikatsii sel'skogo khoziaistva. Trudy [Institute of Farm Mechanization and Electrification. Transactions]
Trudy MINKHIGP (16h)	Moscow. Institut neftekhimicheskoi i gazovoi promyshlennosti. Trudy [Institute of the Petrochemical and Gas Industry. Transactions]
Trudy Mat.inst. (13e)	Akademiia nauk SSSR. Matematicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Mathematical Institute. Transactions]
Trudy Mekhanobr (16h)	Leningrad. Nauchno-issledovatel'skii i proektnyi institut mekhanicheskoi obrabotki poleznykh iskopaemykh. Trudy [Scientific Research and Planning Institute for the Mechanical Processing of Minerals. Transactions]
Trudy NIIGA (12c)	Leningrad. Nauchno-issledovatel'skii institut geologii Arktiki. Trudy [Scientific Research Institute of Arctic Geology. Transactions]
Trudy NIIKHIMMASH (16c)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii i konstruktorskii institut khimicheskogo mashinostroeniia. Trudy [All-Union Scientific Research and Design Institute of Chemical Engineering. Transactions]
Trudy NIIZHB (10d)	Akademiia stroitel'stva i arkhitektury SSSR. Institut betona i zhelezobetona, Perovo. Trudy [Academy of Construction and Architecture of the U.S.S.R. Institute of Concrete and Reinforced Concrete. Transactions]
Trudy NPI (16a)	Novocherkassk. Politekhnicheskii institut. Trudy [Polytechnic Institute. Transactions]
Trudy Inst.nefti (10h)	Akademiia nauk SSSR. Institut nefti. Trudy [Academy of Sciences of the U.S.S.R. Petroleum Institute. Transactions]
Trudy ODRL (11b)	Akademiia nauk SSSR. Institut russkoi literatury. Otdel' drevnerusskoi literatury. Trudy [Academy of Sciences of the U.S.S.R. Institute of Russian Literature. Section of Ancient Russian Literature. Transactions]
Trudy Okean.kom. (12b)	Akademiia nauk SSSR. Okeanograficheskaia komissiia. Trudy [Academy of Sciences of the U.S.S.R. Oceanographic Commission. Transactions]
Trudy Paleont.inst. (12c)	Akademiia nauk SSSR. Paleontologicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Institute of Paleontology. Transactions]
Trudy 1-go MMI (14a)	Moscow. Pervyi moskovskii meditsinskii institut. Trudy [First Moscow Medical Institute. Transactions]
Trudy po prikl. bot.,gen.i sel. (15d)	Trudy po prikladnoi botanike, genetike i selektsii [Transactions on Applied Botany, Genetics, and Plant Breeding]
Trudy SAGU (1a)	Tashkent. Universitet. Trudy Sredneaziatskogo gosudarstvennogo universiteta [University. Transactions of the Central Asia State University]
Trudy SANIIRI (16d)	Tashkent. Sredneaziatskii nauchno-issledovatel'skii institut irrigatsii. Trudy [Central Asia Scientific Research Institute of Irrigation. Transactions]

Trudy SNIIGGIMS (12c)	Sibirskii nauchno-issledovatel'skii institut geologii, geofiziki i mineral'nogo syr'ia. Trudy [Siberian Scientific Research Institute of Geology, Geophysics, and Mineral Resources Transactions]
Trudy Sredaz NIILKH (15c)	‡Tashkent. Sredneaziatskii nauchno-issledovatel'skii institut lesnogo khoziaistva. Trudy [Central Asiatic Scientific Research Institute of Forestry. Transactions]
Trudy TSIP (13f)	Moscow. TSentral'nyi institut prognozov. Trudy [Central Weather Institute. Transactions]
Trudy TSNII MPS (18g)	Moscow Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy [All-Union Scientific Research Institute of Railroad Transportation. Transactions]
Trudy TSNIIEVT (17b)	Moscow. TSentral'nyi nauchno-issledovatel'skii institut ekonomiki i ekspluatatsii vodnogo transporta Trudy [Central Scientific Research Institute of the Economics and Operation of Water Transportation Transactions]
Trudy TSNIIMF (17b)	Leningrad TSentral'nyi nauchno-issledovatel'skii institut morskogo flota. Trudy [Central Scientific Research Institute of the Merchant Marine. Transactions]
Trudy Tbil. GU (1a)	Tiflis. Universitet. Trudy [University. Transactions]. In Russian and Georgian.
Trudy Ural. politekh. inst. (18a)	Sverdlovsk. Ural'skii politekhnicheskii institut. Trudy [Ural Polytechnic Institute. Transactions]
Trudy UzGU (1a)	Samarkand. Uzbekskii gosudarstvennyi universitet. Trudy [Uzbek State University. Transactions]
Trudy VKNII (16f)	Moscow Vsesoiuznyi nauchno-issledovatel'skii institut konditerskoi promyshlennosti Trudy [All-Union Scientific Research Institute of the Confectionery Industry Transactions]
Trudy VNIGNI (16h)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii geologorazvedochnyi neftianoi institut. Trudy [All-Union Scientific Research Institute of Petroleum Geology and Prospecting. Transactions]
[Trudy] VNIILM (15c)	Pushkino. Vsesoiuznyi nauchno-issledovatel'skii institut lesovodstva i mekhanizatsii lesnogo khoziaistva (Trudy) [All-Union Scientific Research Institute of Forestry and the Mechanization of Forest Management Transactions]
Trudy VNIIP [MS] (12c)	Vsesoiuznyi nauchno-issledovatel'skii institut p'iezoopticheskogo mineral'nogo syr'ia. Trudy [All-Union Scientific Research Institute of Piezo-Optical Mineral Resources. Transactions]
[Trudy] VNIMI (16h)	Leningrad Vsesoiuznyi nauchno-issledovatel'skii markscheiderskii institut. (Trudy) [All-Union Mine Surveying Scientific Research Institute. (Transactions)]
TSement (16d)	TSement [Cement]
TSitologiia (13c)	TSitologiia [Cytology]
TSvet. met. (16h)	TSvetnye metally [Nonferrous Metals]
Uch. zap. AGU. Biol. ser. (13c)	Baku. Azerbaidzhanskii gosudarstvennyi universitet. Uchenye zapiski. Biologicheskaia seriia [Azerbaijan State University. Studies. Biological Series]
Uch. zap. Chel. gos. ped. inst. (1a)	‡Chelyabinsk. Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Studies]
Uch. zap. GGU (1a)	Gorkiy. Universitet. Uchenye zapiski [University. Studies]
Uch. zap. IIIAL' Dag. fil AN SSSR (1a)	Akademiia nauk SSSR. Dagestanskii filial. Makhachkala. Institut istorii, iazyka i literatury. Uchenye zapiski [Academy of Sciences of the U.S.S.R. Daghestan Branch. Institute of History, Language, and Literature. Studies]
Uch. zap. Inst. vost. (4a)	Akademiia nauk SSSR. Institut vostokovedeniia. Uchenye zapiski [Academy of Sciences of the U.S.S.R. Institute of Oriental Studies. Studies]
Uch. zap. Kazakh. un. (1a)	Alma-Ata. Universitet. Uchenye zapiski [University. Studies]
Uch. zap. Kish. gos. ped. inst. (1a)	Kishinev. Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Studies]
Uch. zap. Kish. un. (1a)	Kishinev. Universitet. Uchenye zapiski [University. Studies]
Uch. zap. Komi gos. ped. inst. (1a)	Syktyvkar. Komi gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [Komi State Pedagogical Institute. Studies]
Uch. zap. LGU (1a)	Leningrad. Universitet. Uchenye zapiski [University. Studies]
Uch. zap. Lip. gos. ped. inst. (1a)	‡Lipetsk. Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Studies].
Uch. zap. MGPI (1a)	Moscow. Moskovskii gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [Moscow State Pedagogical Institute. Studies]
Uch. zap. Mosk. gor. ped. inst. (1a)	Moscow. Gorodskoi pedagogicheskii institut. Uchenye zapiski [Moscow City Pedagogical Institute. Studies]
Uch. zap. SGU (1a)	Saratov. Universitet. Uchenye zapiski [University. Studies]
Uch. zap. Smol. gos. ped. inst. (1a)	Smolensk. Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Studies]
Uch. zap. Stal. gos. ped. inst. (1a)	Stalinabad. Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Studies]
Uch. zap. TGU (1a)	Tomsk. Universitet. Uchenye zapiski [University. Studies]
Uch. zap. UrGU (1a)	‡Sverdlovsk. Ural'skii gosudarstvennyi universitet. Uchenye zapiski [Ural State University. Studies]
Uch. zap. Vel. Luk. gos. ped. inst. (1a)	Velikiye Luki. Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Studies]
Uchet. i fin. v kolkhoz. i sovkhoz. (5b)	Uchet i finansy v kolkhozakh i sovkhozakh [Accounting and Finance on Collective and State Farms]
Ugol' (16h)	Ugol' [Coal]
Ugol' Ukr. (16h)	Ugol' Ukrainy [Coal of the Ukraine]
Ukr. bot. zhur. (13c)	Ukrains'kyi botanichnyi zhurnal [Ukrainian Botanical Journal]. In Ukrainian.
Ukr. ist. zhur. (4a)	Ukrains'kyi istorychnyi zhurnal [Ukrainian Historical Journal]. In Ukrainian.
Ukraina (1b)	Ukraina [The Ukraine]. In Ukrainian.
Usp. mat. nauk. (13e)	Uspekhi matematicheskikh nauk [Progress in the Mathematical Sciences]
Usp sovr. biol. (13c)	Uspekhi sovremennoi biologii [Progress in Contemporary Biology]
Uzb. biol. zhur. (13c)	Uzbekskii biologicheskii zhurnal [Uzbek Biological Journal]
Uzb. geol. zhur. (12c)	Uzbekskii geologicheskii zhurnal [Uzbek Geological Journal]
Uzbekiston (1b)	Uzbekiston [Uzbekistan] Parallel texts in Uzbek and Russian.
V mire knig (2a)	‡V mire knig [In the World of Books]
V zashchit. mira (6)	V zashchitu mira [In Defense of Peace]
Ved. Verkh. Sov. RSFSR (8)	Russia (1917- R.S.F.S.R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet Gazette]
Ved. Verkh. Sov. SSSR (6)	Russia (1923- U.S.S.R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]
Vest. AMN SSSR (14a)	Akademiia meditsinskikh nauk SSSR, Moscow. Vestnik [Academy of Medical Sciences of the U.S.S.R. Journal]
Vest. AN Kazakh. SSR (1a)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Vestnik [Academy of Sciences of the Kazakh S.S.R. Journal]
Vest. derm. i ven. (14i)	Vestnik dermatologii i venerologii [Review of Dermatology and Venereology]
Vest. drev. ist. (4a)	Akademiia nauk SSSR. Institut istorii. Vestnik drevnei istorii [Academy of Sciences of the U.S.S.R. Institute of History. Review of Ancient History]
Vest. Gos. muz Gruz. (4a)	Tiflis Muzei Gruzii. Vestnik [Museum of Georgia. Review]. In Georgian with summaries in Russian.
Vest. LGU (1a)	Leningrad. Universitet. Vestnik [University. Review]
Vest. mash. (10g)	Vestnik mashinostroeniia [Machine-Building Review]
Vest. Mosk. un. Ser. 3. Fiz., astron. (13f)	Moscow. Universitet. Vestnik. Seriia 3: Fizika, astronomiia [University. Review. Series 3: Physics, Astronomy]
Vest. Mosk. un. Ser. 5 Geog. (12b)	Moscow. Universitet Vestnik. Seriia 5: Geografiia [University. Review. Series 5: Geography]
Vest. Mosk. un. Ser. 6 Biol., pochv. (13c)	Moscow. Universitet. Vestnik. Seriia 6: Biologiia, pochvovedenie [University. Review. Series 6. Biology, Soil Science]
Vest. Mosk. un. Ser. 7: Filol., zhurn. (11b)	Moscow. Universitet. Vestnik. Seriia 7: Filologiia, zhurnalistika [University. Review. Series 7: Philology, Journalism]
Vest. Mosk. un. Ser. 8: Ekon., filos. (5b)	Moscow. Universitet. Vestnik. Seriia 8. Ekonomika, filosofiia [University. Review. Series 8: Economics, Philosophy]
Vest. Mosk. un. Ser. 10: Pravo (7)	Moscow. Universitet. Vestnik. Seriia 10: Pravo [University. Review. Series 10 Law]
Vest. otorin. (14d)	Vestnik otorinolaringologii [Review of Otorhinolaryngology]
Vest. sel'khoz. nauki (15a)	Vestnik sel'skokhoziaistvennoi nauki [Review of Agricultural Science]
Vest. stat. (5b)	Vestnik statistiki [Statistical Review]
Vest. TSNII MPS (10g)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut. zheleznodoroxhnogo transporta. Vestnik [All-Union Scientific Research Institute of Railroad Transportation. Journal]
Vest. Vozd. Fl. (17a)	Vestnik Vozdushnogo Flota [Review of the Air Force]
Vest. vys. shkoly (8a)	Vestnik vysshei shkoly [Review of Schools for Higher Education]
Visnyk ABIA URSR (10b)	Akademiia budivnytstva i arkhitektury URSR. Visnyk [Academy of Construction and Architecture of the Ukrainian S.S.R. Journal]. In Ukrainian.
Visnyk Kyiv. un. Ser. astron., mat. ta mekh. (13a)	Kiev. Universyiet. Visnyk. Serlia astronomii, matematyky ta mekhaniky [University. Review. Series in Astronomy, Mathematics, and Mechanics]. In Ukrainian.
Visnyk sil'hosp. nauky (15a)	Visnyk sil's'kohospodars'koi nauky [Review of Agricultural Science]. In Ukrainian.
Voen.-ist. zhur. (4a)	Voenno-istoricheskii zhurnal [Military History Journal]
Voen. vest. (17a)	Voennyi vestnik [Military Review]
Volov. ateist (3b)	‡Volovnychyi ateist [Militant Atheist]
Vop. ekon. (5b)	Voprosy ekonomiki [Problems of Economics]
Vop. filos. (3a)	Voprosy filosofii [Problems of Philosophy]
Vop. geol. vost. okr. Rus. platf. i IUzh. Urala (12c)	Voprosy geologii vostochnoi okrainy Russkoi platformy i IUzhnogo Urala [Problems of the Geology of the Southern Urals and the Eastern Border of the Russian Platform]

Vop gidrogeol i inzh geol (13i) Voprosy gidrogeologii i inzhenernoy geologii [Problems of Hydrogeology and Engineering Geology]

Vop lazer i ikh, (11c) Voprosy lazerov i ikh primeneniya [Problems of Lasers and Their Uses]

Vop lekt (11c) Voprosy lektsiologii [Problems of Lectiology]

Vop kur i ft lecheb fiz i kurort, (11c) Voprosy kurortologii, fizioterapii i lechebnoy fizicheskoy kultury [Problems of Resort Therapy, Physical Therapy, and Therapeutic Physical Culture]

Vop med khim, (11d) Voprosy meditsinskoy khimii [Problems of Medical Chemistry]

Vop mikrobiol antibiot (11e) Voprosy mikrobiologii, antibiotikov [Problems of Microbiology and Antibiotics]

Vop onk, (11a) Voprosy onkologii [Problems of Oncology]

Vop psikh i nevr (11c) Voprosy psikhiatrii i nevropatologii [Problems of Psychiatry and Neuropathology]

Vop psikhol (11e) Voprosy psikhologii [Problems of Psychology]

Vs ob stud nov (11i) Vsemirnoye obshchestvo studentov [World Student Movement]

Vysokomol soed, (13d) Vysokomolekulyarnye soyedineniya [Macromolecular Compounds]

Vzp I f (10b) Izdatel'stvo Zaprudnoy Ikhtiofauny [Institute of Marine Fisheries]

Zap Mosk Ob Ispyt Prir Otd Biol (2a) Moskovskoye Obshchestvo Ispytateley Prirody [Moscow Society of Naturalists] Zapiski Moskovskogo Obshchestva Ispytateley Prirody, Otdel Biologii [Transactions of the Moscow Society of Naturalists, Biology Section]

Zap Vses Ent Ob-va (1Jb) Vsesoyuznoye Entomologicheskoye Obshchestvo [All-Union Entomological Society]

Zarub radioelektr, (10e) Zarubezhnaya radioelektronika [Foreign Electronics]

Zav lab, (10b) Zavodskaya laboratoriya [The Factory Laboratory]

Zdrav Rol (14a) Zdravookhraneniye Rossii [Health Services in White Russia]

Zdrav Ross Feder, (14a) Zdravookhraneniye Rossiyskoy Federatsii [Health Service of the Russian Federation]

Zdrav Turk, (14a) Zdravookhraneniye Turkmenistana [Health Service of Turkmenistan]

Zhil kom khoz (10d) Zhilishchno kommunal'noye khozyaystvo [Communal Housing and Services]

Zhil stroi (10d) Zhilishchnoye stroitel'stvo [Housing Construction]

Zhur analit khim, (11d) Zhurnal analiticheskoy khimii [Journal of Analytical Chemistry]

Zhur eksp i teor fiz, (11f) Zhurnal eksperimental'noy i teoreticheskoy fiziki [Journal of Experimental and Theoretical Physics]

Zhur fiz khim (11d) Zhurnal fizicheskoy khimii [Journal of Physical Chemistry]

Zhur Mosk Pats (Orthodox Eastern Church, Russian Patriarch Zhurnal Moskovskoi Patriarkhii [Journal of the Moscow Patriarchate]

Zhur nauch i prikl fot, i kin (10c) Zhurnal nauchnoi i prikladnoi fotografii i kinematografii [Journal of Scientific and Applied Photography and Cinematography]

Zhur nevr i psikh, (11c) Zhurnal nevropatologii i psikhiatrii [Journal of Neuropathology and Psychiatry]

Zhur ob biol, (13c) Zhurnal obshchei biologii [Journal of General Biology]

Zhur ob khim (13d) Zhurnal obshchei khimii [Journal of General Chemistry]

Zhur prikl khim (Leningrad) Zhurnal prikladnoi khimii [Journal of Applied Chemistry]

Zhur sosh, nosol gord hoz, (14d) Zhurnal sotsialisticheskogo zdravookhraneniya, gorodskogo i gosudarstvennogo kollektivnogo khozyaystva [Journal of Social Hygiene, Municipal and Collective Economy]

Zhur vyssh nerv deyat (14c) Zhurnal vysshei nervnoi deyatel'nosti [Journal of the Higher Nervous Function]

Znamia (11b) Znamia [The Banner]

Znanie - sila (11a) Znanie - sila [Knowledge is Power]

Znan i pratika (11a) Znaniye i praktika [Knowledge and Work]. In Uzbekistan.

Zool, zhur, (11c) Zoologicheskii zhurnal [Zoological Journal]

Zvezda (11b) Zvezda [The Star]

ACTH

ACTH and ascorbic acid in the treatment of bronchial asthma M IA. Beliaev Probl endok i gorm 7 no 2 51-56 Mr-Ap '61

Basic principles of hormone therapy for patients with communicable diseases. G. P. Rudnev, IU. N. Gurskii. Lech. infekts. bol'. no. 4, 199-209 '60.

Biosyntheses of corticosteroids in vitro with normal and denervated adrenal glands of dogs N A. IUdaev, IU. F Pankov Probl endok i gorm. 7 no 2 16-23 Mr-Ap '61

Cortisone and ACTH therapy for severe forms of eczema in very young and older infants M. E Lipets. Probl endok i gorm 7 no 2 47-51 Mr-Ap '61.

Differentiated evaluation of the effectiveness of ACTH and drugs similar in type to cortisone in chronic brucellosis. IU. N. Gurskii. Lech. infekts. bol'. no. 4: 216-218 '60.

Effect of an ACTH aerosol on the ascorbic acid content of the organs of rabbits E M Grishchenko Probl endok i gorm 7 no 2-14-18 Mr-Ap '61.

Effect of hypoxia and ACTH on the state of the carbohydrate reserve in the tissues of white rats [with summary in English]. M. I. Petukhov. Biul. eksp. biol. i med. 19 no. 3 57-60 Mr '60.

Evaluation of adrenal cortex function and the effectiveness of the use of adrenocorticotropic hormone (ACTH) for mental patients with a depressive condition M. M. Kabanov Vop psikh i nevr no 5:202-213 '59

Peculiarities in the clinical aspects and antibiotic therapy in the over-all treatment of present-day brucellosis. G. P. Rudnev, M. M. Mikhailova. Lech. infekts. bol'. no. 4, 164-166 '60.

Significance of the connective tissue system in the reaction of the blood to the administration of the adrenocorticotropic hormone. K P Zak. Fiziol. zhur. [Ukr.] 7 no. 3 432-435 My-Je '61.

Treatment of typhus fever with antibiotics and hormone preparations. Report No. 4: Treatment with levomycetin. E. A. Gal'perin, A. V. Eremenko. Lech. infekts. bol'. no. 4:126-143 '60.

Treatment of typhus patients with a combination of ACTH or cortisone and oxytetracycline [with summary in English]. E. A Gal'perin, A. V. Eremenko. Antibiotiki 5 no. 2 105-110 Mr-Ap '60.

ABAKAN REGION (SAYAN MOUNTAINS)—ORE DEPOSITS

Genesis of the Abakan iron ore deposit (Western Sayan Mountains) [with summary in English]. S. S. Lapin, V. N. Sharapov. Geol. i geofiz. no. 4:36-51 '61.

ABBREVIATIONS

Grammatical and stylistic features of compound abbreviated words. N. F. Shumilov Uch. zap. Vel. Luk gos. ped. inst. 4 no. 3:30-35 '59.

ABDOMEN—DISEASES
(see also subdivision under White Russia)

Vertebral-cardiac and phrenicus-cardiovertebral symptoms of stenocardia (myocardial infarct) in the aspect of differential diagnosis in "acute abdomen." G. K. Aliev. Azerb. med. zhur. no. 4:92-102 Ap '60.

ABDOMEN—INNERVATION

Representation in the cerebellum of certain visceral nerves [with summary in English]. N. V Bratus' *Fiziol. zhur. 46 no. 2:178-184 F '60.*

ABDOMEN—SURGERY

Potentiated anesthesia in abdominal surgery. N. A. Kolsanov. Akt. vop. obezbol. no. 2:144-150 '59.

Ryzhov, P. V., and S. D. Goligorskii. [Mistakes in preoperational diagnosis; problems in surgical tactics] Oshibki predoperatsionnogo diagnoza; voprosy khirurgicheskoi taktiki. Kishinev, Gos. izd-vo "Kartia Moldovenjaske," 1960. 181 p. (DNLM)

ABDOMEN—TUBERCULOSIS

Results of treating abdominal tuberculosis with antibiotics [with summary in French]. B. K. Ignatiyichute. Probl. tub. 38 no. 3:41-46 '60.

Treatment of tuberculous mesoadenitis and peritonitis O. O. Udrit. Sbor. trud. Uz. nauch.-issl tub. inst. 3 87-90 '57.

ABIDJAN, IVORY COAST REPUBLIC—BRIDGES, CONCRETE

Unique bridge in Abidjan (Africa). S. V. Gushcho. Avt. dor. 24 no. 3:29-31 Mr '61.

ABILITY

Problem of abilities and questions of psychological theory [with summary in English]. S. L. Rubinshtein. Vop. psikhol 6 no. 3 3-15 My-Je '60.

ABKHAZIA—DOLMENS

Dolmen culture in Georgia [in Georgian with summary in *Russian*]. O. Dzhaparidze. *Trudy Tbil. GU 77:77-126 '59.*

ABNORMALITIES (PLANTS)

Early reproduction and abnormalities of the flower in Larix decidua Mill P Molotkov Bot zhur 45 no 4 577-578 Ap '60.

Modified form of the large-headed poppy (Papaver macrostomum Boiss. et Huet.) in regions of biogeochemical provinces rich in lead and zinc. N. S. Malashkina. Trudy Biogeokhim. lab. no. 11:224-225 '60.

ABRAMOV, F.

A discussion with dectopit wisdom ("Orphaned" and "Once during the autumn" by F Abramov. Reviewed by V. Lakshin). Novyi mir 37 no. 5:224-229 My '61.

ABRASION

Experimental study of abrasive characteristics of hydraulic mixtures V. B Dul'nev Izv VNIIG 64:117-126 '60.

ABROSIMOV, PAVEL VASIL'EVICH, 1900-1961

Pavel Vasil'evich Abrosimov Arkhit SSSR no 4 59-60 '61

ABSORPTION

Hydraulics and mass transfer in a jetless Venturi absorber. V. I. Matrosov, P. A. Semenov, IU V Tumanov. Khim. mash. no 3 11-14 My-Je '60

ABSORPTION OF LIGHT

Connection between edge luminescence and the structure of the basic absorption edge. E. F. Gross, R. I Shekhmametov Fiz. tver. tela 3 no. 3 889-894 Mr '61.

ABSORPTION OF SOUND

Sound absorption in the atmosphere and ionosphere. G. S. Golytsin. Izv. AN SSSR, Ser. geofiz. no. 6:942-946 Je '61.

ABSORPTION SPECTRA

Determining the true parameters of truncated absorption bands. V. N. Smirnov. Vest. Mosk. un. Ser. 3 Fiz., astron. 15 no. 6:19-26 N-D '60.

Effect of strong illumination of the absorption capacity of complex molecules. A. P. Ivanov. Opt. i spektr. 8 no. 3, 352-358 Mr '60.

K-spectrum of x-ray absorption of iron. I. M. Shopelova, IU. P. Irkhin Fiz. met i metalloved 11 no. 2, 313-314 F '61.

ABURI, GHANA—BOTANICAL GARDENS

Botanical garden in Aburi (Ghana, Africa). P. I. Lapin, S. E. Korovin. Biul. Glav. bot. sada no. 38:109-111 '60.

ACS SERUM see Antireticular cytotoxic serum

ACADEMIC DEGREES see Degrees, Academic

ACADEMY OF MEDICAL SCIENCES OF THE U. S. S. R.

Administrative and research activites of the Division of Clinical Medicine of the Academy of Medical Sciences in 1958. B. G. Egorov, I. P. Novikov. Vest AMN SSSR 14 no 5-70-76 '59.

In the Presidium of the Soviet Academy of Medical Sciences. M. A. Ivanova Vest. AMN SSSR 14 no. 5, 91-92 '59.

In the Presidium of the Soviet Academy of Medical Sciences. M. A. Ivanova. Vest. AMN SSSR 15 no. 4:91-93 '60.

ACADEMY OF SCIENCES OF THE KAZAKH S. S. R

Scientists of the Kazakh Academy of Sciences celebrate the 22d Congress of the CPSU. Vest AN kazakh SSR 17 no 4 3-7 Ap '61

ACADEMY OF SCIENCES OF THE U. S. S. R.

The Academy of Sciences of the U. S. S. R. during the Great Patriotic War. B. V Levshin. Ist. SSSR 5 no. 3:13-27 My-Je '61

Annual General Meeting of the Division of Chemical Sciences of the Academy of Sciences of the U. S. S. R held on January 31, 1961 Izv. AN SSSR Otd. khim nauk no 5:936-940 My '61

ACADEMY OF SCIENCES OF THE UZBEK S. S. R.

General assembly of academicians and corresponding members of the Uzbek Academy of Sciences A. M Gurevich. Izv AN Uz SSR no 12 91-110 '56.

In the Presidium of the Uzbek Academy of Sciences. *Izv. AN Uz SSR no 4:91-92 '56*

ACANTHOPHYLLUM

Some problems in the biology of Acanthophyllum gypsophiloides Rgl and its introduction into cultivation S. Kh Chevrendil. Izv AN Uz SSR no 12 55-62 '56

ACCELERATION—PHYSIOLOGICAL EFFECT

Effect of radial acceleration on motor conditioned reflexes [with summary in English]. V. V Usachev. Zhur. vys. nerv. deiat. 11 no. 1:22-29 Ja-F '61.

Weight without gravitation, E. Zelikovich. Znan. sila 36 *no. 2:48 F '61.*

ACCELEROMETERS

Calibrating the PIU-1 accelerometer. P. N. Agaletskii. Izm. tekh. no. 6:17 My '61.

Raevskii, N. P., and M. L. Subbotin. [Measurement of linear accelerations] Izmerenie lineinykh uskorenii. *Moskva, Izd-vo Akad. nauk SSSR, 1961. 62 p.*

ACCLIMATIZATION

Acclimatization of Pacific salmons in the Barents and White Seas. A. I. Ivanev. Vop ikht 1 no 1:46-51 '61

Acclimatization of Stenopharyngodon idella (Valenciennes in the lower reaches of the Volga River. N. P. Tanasichuk. Vop. ikht. no. 17:176-178 '61.

Changes in the physical thermoregulation of human subjects during acclimatization to extreme northern conditions [with summary in English] I S. Kandror. Gig i san. 25 no 3.6-12 Mr '60

The whitefish Coregonus nasus Pallas as an object of acclimatization. V. A. Krasikova, O. L. Ol'shanskaia. Vop. ikht. no. 17:115-121 '61.

ACCOMPLICES

Some problems of judicial practice in cases concerning complicity in a crime and sheltering a criminal. G. Anashkin. Sov. just. no 4:28-32 Ap '60.

ACCOUNTING
(see also subdivision under Kazakhstan)

Give systematic aid to the accountants of collective farms, state farms, and industrial enterprise. M. Isaichenko. Vest. stat. no. 5:73-71 '61.

Improve the system of technical and economic indices in the accounting and reports of enterprises. G. Bocharov. Bukhg. uchet 18 no. 5, 20-26 My '61

New procedure for accounting and financing the expenses of the Press Union. A. Glushkov. Raspr. pech. no. 1: 23 Ja '61.

ACCOUNTING—BIBLIOGRAPHY see Bibliography—Accounting

ACCOUNTING—STUDY AND TEACHING see subdivision under Birsk

ACETALDEHYDE

Condensation of aldehydes and ketones. Part 6 Synthesis of 2, 6-diphenylisonicotinic acid based on the reaction of the diketonic condensation of acetophenone with acetaldehyde, M. L. Talichenko. Zhur. ob. khim. 31 *no. 5:1558-1560 My '61.*

ACETALDEHYDE (Continued)
Initiating stage in the oxidation of acetaldehyde [with summary in English]. N. A. Sokolova, A. M. Markevich, A. B. Nalbandian. Zhur. fiz. khim. 35 no. 4:850-857 Ap '61

Solubility of acetaldehyde in compressed gases [with summary in English]. D. S. TSiklis, L. I. Shenderei, A. N. Kofman. Zhur. fiz. khim. 34 no. 4 768-772 Ap '60

Synthesis of acetaldehyde and acetic acid. I. K. Khristich. Khim. v shkole 15 no. 2, 86-87 Mr-Ap '60.

ACETAMIDE
Chemical nature of "N-vinylacetamide" described by Bácskai and Halmos [with summary in English]. A. A. Vansheidt and others. Vysokom. soed. 3 no. 2:320 F '61.

ACETATES
Use of acetate in the biosynthesis of chaconine and solanine in potato sprouts [with summary in English] A. R. Guseva, M. G. Borikhina, V. A. Paseshnichenko Biokhimiia 25 no. 2 282-291 Mr-Ap '60

ACETIC ACID
Admixture of hydrogen chloride and acetic acid to isometic 1, 5, 9-cyclododecatrienes. Dokl. AN SSSR 138 no. 2: 373-376 My '61.

Continuous vapor-phase catalytic production of butyl acetate. A. N. Zav'ialov. Gidroliz. i lesokhim. prom. 14 no. 4:18-20 '61.

Controllable variation of the physiological activity in particular sections of giant chromosomes in the salivary glands of Drosophila as a result of the action of versene. N. B. Khristoliubova. Dokl. AN SSSR 140 no. 3:681-682 My '61

Determination of the instability constant of a beryllium complex with ethylenediaminetetraacetic acid [with summary in English]. L. P. Adamovich, I. N. Napadailo. Zhur. anal. khim. 16 no. 2:158-161 Mr-Ap '61.

Determining zinc in alloys by EDTA analysis. T. Lukina, V. Narchevskii Poligr. proizv. no. 4:17 Ap '61.

1, 5-Diaryl-3-haloformazan series Part 2 Synthesis of arylazochloracetic acids M. O. Lozinskii, P. S. Pel'kis Zhur. ob. khim 31 no. 5 1621-1624 My '61

Separation of rare earth elements by continuous electrophoresis. Part 2 Separation with the use of ethylenediaminetetraacetic acid. V. F. Shvedov, A. V. Stepanov Radiokhimiia 2 no. 1, 65-67 '60.

Studies on the mechanism of chemoreception. Report No. 4: Effect of nicotine and acids on intestinal receptors in conditions of modified excitability under the influence of various concentrations of monoiodoacetic acid [with summary in English]. N. A. Anikina. Biul. eksp. biol. i med. 51 no. 3:18-23 Je '61.

Synthesis of acetaldehyde and acetic acid. I. K. Khristich. Khim. v shkole 15 no. 2, 86-87 Mr-Ap '60.

Synthesis of γ-carboxybutyrolactones. Part 1 Oxidation of α-substituted γ-chloroallylacetic acids by hydrogen peroxide in acetic anhydride M. T. Dangian, G. M. Shakhnazarian Zhur. ob. khim 31 no. 5, 1643-1647 My '61.

Synthesis of the precursors and fragments of antibiotics. Part 4 Thioglycolic acid derivatives M. F. Shostakovskii and others. Zhur. ob. khim. 31 no. 5:1453-1458 My '61

Synthesis of the precursors and fragments of antibiotics. Part 5. Derivatives of lactam-containing mercaptoacetic acid M. F. Shostakovskii, T. M. Voronkina, F. P. Sidel'kovskaia Zhur. ob. khim 31 no. 5 1463-1466 My '61.

Synthetic studies of curare alkaloids Part 7 Synthesis of 2-methoxy-4-(β-acylaminoethyl)-2'-alkoxy-5'-carbalkoxymethyldiphenyl esters O. N. Tolkachev and others. Zhur. ob. khim 31 no. 5 1540-1545 My '61.

ACETOACETIC ACID
Reaction of acetoacetic ester with benzene in the presence of $AlCl_3$. I. P. Labunskii Zhur. ob. khim. 31 no. 5:1580-1581 My '61.

Reaction of acetoacetic ester with β-nitrostyrenes. A. S. Sopova, A. A. Temp Zhur. ob. khim. 31 no. 5 1532-1534 My '61.

ACETONE—ELECTRIC PROPERTIES
Dielectric properties of acetone - carbon tetrachloride solutions in superhigh-frequency electromagnetic fields and fluctuations in concentration. R. M. Kasimov, IA. IU. Akhadov, M. I. Shakhparonov. Dokl. AN Azerb. SSR 17 no. 3:207-211 '61.

ACETONITRILE
Mutual solubility in the system silicon tetrachloride - acetonitrile. S. S. Alikberov and others. Zhur. fiz. khim. 34 no. 4:935-936 Ap '60.

ACETOPHENONE
Condensation of aldehydes and ketones. Part 8: Synthesis of 2, 6-diphenylisonicotinic acid based on the reaction of the diketonic condensation of acetophenone with acetaldehyde. M. L. Talichenko. Zhur. ob. khim. 31 no. 5:1558-1560 My '61.

Conversions of oxygen compounds (anisole, acetophenone, dimethyl phthalate) during the destructive hydrogenation in the presence of an alumina-molybdenum oxide catalyst. V. A. Zakharenko, A. V. Lozavoi. Zhur. prikl. khim. 34 no. 3:663-670 Mr '61.

ACETOXYLIDIDE
Pharmacological properties of certain optically active stereoisomers of the xylocaine series [with summary in English]. P. D. Motovilov. Farm. i toks. 24 no. 1 109-114 Ja-F '61.

ACETYLATION
Effect of certain antibiotics on the acetylation of para-aminobenzoic acid in white rats [with summary in English] N. V. Svinkina. Antibiotiki 5 no. 7 56-58 My-Ap '60

Fluorine-containing β-sultones Report No. 7: Use of tetrafluoroethane-β-sultone in the acetylation reaction Izv. AN SSSR Otd. khim. nauk no. 5: 813-815 My '61

Method for determining acetyl groups in acetylated polyformaldehyde. W. Kosinska, J. Folgin. Plast. massy no. 6 8-9 '61.

ACETYLENE
Apparatus for preparing acetylene and studying its properties. I. I. Balaev. Khim. v shkole 15 no. 2, 45-47 Mr-Ap '60.

Profsoiuz rabochikh mashinostroeniia, TSentral'nyi komitet. [Rules for accident prevention and industrial hygiene in the production of acetylene, oxygen, and in the flame machining of metals] Pravila tekhniki bezopasnosti i proizvodstvennoi sanitarii pri proizvodstve atsetilena, kisloroda i gazoplamennoi obrabotke metallov. Soglasovany s Glavnoi Gosudarstvennoi sanitarnoi inspektsiei SSSR 27 sentiabria 1959 g. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959. 100 p.

Studies in the field of the liquid phase hydration of acetylene on catalysts other than mercury IAn TSzian'-shen [Yang Chien-sheng], R. M. Flid, V. A. Makhlin Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 2-218-224 '61.

ACETYLENE BLACK see Carbon black

ACID-BASE EQUILIBRIUM
Change in the acid-base equilibrium and in the oxidation-reduction processes in peritonitis combined with blood loss [with summary in English]. E. M. Neiko, L. IA. Fishchenko. Biul. eksp. biol. i med. 50 no. 10 62-63 O '60.

ACIDS
Mechanism of homogeneous acid catalysis and its relation to heterogeneous acid catalysis N. M. Chirkov. Probl. kin. i kat. 10 255-272 '60.

Similarity of reactions catalyzed by liquid and solid acids. I. I. Ioffe and others. Probl. kin. i kat. 10:201-207 '60

ACIDS, FATTY
Continuous deodorization and refining of fats by the distillation of free fatty acids. E. E. Fainberg. Masl.-zhir. prom. 27 no. 6:23-25 My '61.

Data on the hygienic assessment of the production of synthetic fatty acids [with summary in English]. A. A. Kasparov, IU. L. Egorov. Gig. i san. 25 no. 7:36-42 Jl '60.

Quantitative paper chromatography of higher fatty acids in the form of methyl esters ($R \cdot C \cdot OO \cdot C^{14}H_3$) [with summary in English] B. P. Smirnov, R. A. Popova, R. A. Niskanen Biokhimiia 25 no. 2, 368-375 Mr-Ap '60.

Sanitary characteristics of sewage in synthetic fatty acid production. N. V. Grin' Gig. i san. 25 no. 3: 100-102 Mr '60.

ACIDS, ORGANIC
Free-radical addition of carboxylic acids to vinyl acetate and allyl acetate. G. N. Nikishin, IU. N. Ogibin, A. D. Petrov. Dokl. AN SSSR 138 no. 2, 393-396 My '61.

General method for the quantitative determination of anhydrides and chloranhydrides of carboxylic acids [with summary in English]. L. M. Litvinenko, D. M. Aleksandrova, V. G. Napadailo. Zhur. anal. khim. 16 no. 2:226-228 Mr-Ap '61.

Influence of some organic acids on the biosynthesis of chlortetracycline. I. P. Baranova. Nauch. dokl. vys. shkoly; biol. nauki no. 2:202-205 '61.

Reactions of α, β-unsaturated acids with trialkyl phosphites. Gil'm Kamai, V. A. Kukhtin. Zhur. ob. khim. 31 no. 5:1735-1736 My '61.

Study of the acid-base interaction between aromatic amines and carboxylic acids by the deuterium exchange method. A. I. Shatenshtein, E. N. Zvyagintseva, Z. N. Ovchinnikova. Zhur. ob. khim. 31 no. 5 1432-1440 My '61.

Synthesis of esters and other derivatives of carboxylic acids under conditions of acid catalysis from carbon monoxide, olefins, and acylating compounds. Part 6: Synthesis of esters from α-olefins C_6-C_{10} of normal structure. K. V. Puzitskii, IA. T. Eidus, K. G. Riabova. Zhur. ob. khim. 31 no. 5:1689-1692 My '61.

Synthesis of 1, 14-tetradecanedicarboxylic and 1, 15-pentadecanedicarboxylic acids. G. I. Nikishin, G. V. Somov, A. D. Petrov Dokl. AN SSSR 136 no. 5:1099-1101 F '61.

ACOUSTICAL ENGINEERING
Electronic correlograph for acoustical measurements. N. N. Pisarevskii. Prom. aerodin. no. 18:65-79 '60.

Experimental investigation of model noise attenuators with a granular damper R. D. Filippova Prom. aerodin. no. 18, 21-33 '60

Experimental investigation of mufflers designed as pipes with branches R. D. Filippova, F. IA. Udin Prom. aerodin no. 18, 95-107 '60

Experimental investigation of the graphs of directivity of acoustic radiation from a circular pipe O. V. Novogrudskaia Prom. aerodin no. 18 48-53 '60

Sound diffraction in rectangular grooves in a wave guide A. D. Lapin Prom. aerodin. no. 18:31-47 '60

Using a ring made of a ferromagnetic band in spectral analysis of noises L. G. Khobets Prom. aerodin no. 18 80-94 '60.

ACQUISITIONS (LIBRARIES)
[New foreign books received by the library system of the Academy of Sciences of the U.S.S.R.] Nov. inostr. knigi postup. v sist. bibl. AN SSSR no. 101 '61.

ACRIFLAVINE
Influence of formic acid on the absorption and fluorescence of trypaflavine [with summary in English]. V. F. Fokin. Zhur. fiz. khim 34 no. 4 856-859 Ap '60.

ACROLEIN
Reduction and electrolytic reduction of organic substances on a Pd electrode. Part 1: Reduction and electrolytic reduction of acrolein [with summary in English]. A. V. Shashkina, I. I. Kulakova. Zhur. fiz. khim. 35 no. 4:793-802 Ap '61.

ACROMEGALY
Cancer of the hypophysis and acromegaly. F. N. Loginov. Probl. endok. i gorm. 7 no. 2-99-101 Mr-Ap '61

ACRYLIC ACID
Addition of nitrile chloride to acrylic and methacrylic acids and their derivatives. S. S. Novikov, G. A. Shvekhgeimer, N. F. Piatakov Izv. AN SSSR, Otd. khim. nauk no. 5:914-915 My '61.

Mechanochemical initiation of the polymerization of crystalline acrylic acid salts [with summary in English] V. A. Kargin and others. Vysokom. soed. 3 no. 5:787-793 My '61

Polymerization of α-acylaminoacrylic acids [with summary in English]. S. S. Ivanov, M. M. Koton. Vysokom. soed. 3 no. 2, 248-254 F '61.

Polymerization in highly viscous systems and three-dimensional polymerization. Part 1: Kinetic characteristics of the polymerization of some polyacrylates [with summary in English]. G. V. Korolev, L. I. Makhonina, A. A. Berlin. Vysokom. soed. 3 no. 2, 198-204 F '61.

ACRYLONITRILE
Electric conductivity of polymers. Part 4: Effect of dipole polarization (polystyrene, poly-p'-chlorostyrene, styrene-acrylonitrile copolymer) [with summary in English]. B. I. Sazhin, M. P. Eidel'nant Vysokom. soed. 3 no. 5:761-767 My '61

Influence of the $K_2S_2O_3$ - $K_2S_2O_8$ oxidation-reduction system on the kinetics of the static polymerization of acrylonitrile. G. S. Roskin, G. B. Karpenko Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 2:260-262 '61

ACTING
The actor plays the role of a creator! Georgii Gegechkori. Teatr 22 no. 5:55-59 My '61.

The discussion continues in Orel. Teatr 22 no. 5:62-63 My '61.

Il'inskii, I. V. [Toward mastery!] K masterstvu! [Moskva] Izd-vo VTaSPS Profizdat, 1960. 63 p. (Mastera iskusstv-uchastnikam khudozhestvennoi samodeiatel'nosti)

The living art of the actor. V. Zaleskii, I. Kuznetsova. Teatr 22 no. 5, 66-69 My '61.

On a memorable role. IUrii Lavrov. Teatr 22 no. 5:51-54 My '61.

And your opinion? Mikhail Romanov and others. Teatr 22 no. 5:78-82 My '61.

ACTING—STUDY AND TEACHING
(see also subdivision under Moscow)
Development of personality. L. Vivien. Teatr 22 no. 5: 108-111 My '61.

ACTING FOR TELEVISION
Amateur acting studio. V. Meller. Sov. radio i tel. 8 no. 4:17 '58.

ACTINIDE ELEMENTS—CONGRESSES
Chemistry of actinides at the Seventeenth International Congress on Pure and Applied Chemistry. IU. A. Zolotov. Radiokhimiia 2 no. 1:127-128 '60

ACTINIDIA
(see also subdivision under Maritime Territory)
Actinidia. M. V. Turkovich. Nauka i zhyttia 11 no. 4: 41 Ap '61.

ACTINIUM
Study of actinium in natural materials. E. A. Inabaev, U. Kh. Asylbaev, V. V. Cherdyntsev. Radiokhimiia 2 no. 1:90-103 '60.

ACTINOMYCES
(see also subdivision under Maritime Territory)
Actinomycetes of the orange group Part 1' Cultural and morphological characteristics [with summary in English]. [Uan' TSzi-shen [Yüan Chi-sheng] Mikrogiologiia 30 no 1 76-85 Ja-F '61.
Comparative studies on polysaccharide fractions of two strains of Act globisporus streptomycini [with summary in English] I B Naumova Antibiotiki 6 no 1' 29-34 Ja '61.
Distribution of soil actinomycetes. K I Andriiuk. Mikrobiol zhur 23 no 1 75-80 '61.
Effect of carbon sources on the biosynthesis of streptomycin [with summary in English]. S V Gorskaia, V A Severin Antibiotiki 6 no 4 210-215 Mr '61
Effect of mineral phosphorus on the biosynthesis of tetracycline and on the composition of phosphorus fractions in Act aureofaciens in relation to mycelial growth and cultivation [with summary in English] I I Belousova, L A. Popova Antibiotiki 6 no 4 302-307 Ap '61
Effect of the introduction of mineral phosphorus into the medium on the development of Act rimosus [with summary in English]. Z M Zaitseva, G R Mikhailova Antibiotiki 6 no.1'20-25 Ja '61
Effect of the quality and age of the inoculation material on the growth and development of Act rimosus and the synthesis of oxytetracycline [with summary in English] N. V. Orlova, A A Prokof'eva-Bel'govskaia Antibiotiki 6 no.1 15-20 Ja '61.
Effect of various nitrogen sources on the surface structure of sporous membranes in actinomycetes [with summary in English]. M. IU. Mardarskii, E. S. Kudrina. Mikrobiologiia 30 no 1 86-90 Ja-F '61.
Heterogeneity of the membrane of airborne mycelium of Actinomyces violaceus [with summary in English]. L.V Kalakutskii, A A. Sokolov. Mikrobiologiia 30 no 1 67-71 Ja-F '61.
Influence of some organic acids on the biosynthesis of chlortetracycline. I P Baranova Nauch dokl vys shkoly; biol nauki no, 2:202-205 '61
Morphology and cytology of Actinomyces streptomycini in relation to the composition of culture media [with summary in English] I G. Poltava, T. B. Kazanskaia. Mikrobiologiia 30 no 1'72-75 Ja-F '61.
Paper chromatography of antibiotics produced by Actinomyces violaceus strains 452-7 and 1212 [with summary in English]. A. A Mel'nikova, N M Veselov. Antibiotiki 5 no. 2 9-13 Mr-Ap '60.
Physiology of the agent producing chlortetracyline; survey of the literature published in the Chinese People's Republic. K. H Chuan Antibiotiki 6 no. 1,79-83 Ja '61.
Polyphosphate characteristics of volutin granules from Act erythreus [with summary in English]. M. A Guberniev, L. I. Torbochkina, N. S Bondareva Antibiotiki 6 no 1:5-9 Ja '61.
Primary physiological studies on Str spheroides in connection with novobiocin biosynthesis [with summary in English]. S. L. Brinberg, O. Z. Gravoskaia Antibiotiki 6 no. 3:203-206 Mr '61
Production of vitamin B_{12} by Act. olivaceus on a synthetic medium [with summary in English]. I V. Konova, A I Borisova. Mikrobiologiia 30 no. 1.27-34 Ja-F '61.
Relation of pyruvate metabolism to erythromycin biosynthesis in the actinomycete Str. erythreus [with summary in English]. V. Ševčík, V Musílek Antibiotiki 6 no. 1:9-15 Ja '61
Study of phosphorus compounds in some strains of actinomycetes [with summary in English]. N. A. Kokurina, I. S. Kulaev, A. N. Belozerskii. Mikrobiologiia 30 no. 1' 15-20 Ja-F '61.
Systematic position of the organism producing antifungal antibiotic 26/1 [with summary in English]. P. N Goliakov. Antibiotiki 6 no. 4:287-293 Ap '61.

ACTINOMYCOSIS
Actinomycosis of the larynx [with summary in English]. N. A. Preobrazhenskii. Vest. otorin. 22 no. 1'52-55 Ja-F '60.
Three cases of actinomycosis of the tongue (from "Otolar. Polska," no 1, 1958) Zhur ush , nos. i gorl. bol. 20 no 1 89 Ja-F '60

ACTIVATED CARBON see Carbon, Activated

ACTIVATION ANALYSIS
Compensation effect in activation processes from the standpoint of statistical kinetics. Report No. 1: Calculation of the pre-exponential factor in the formula for the rate of the process. S. Z. Roginskii, IU. L. Khait. Izv. AN SSSR, Otd. khim. nauk no. 5:771-780 My '61.
Determination of the isotopic composition of lithium by activation analysis. L. P. Bilibin, A. A. Lbov, I. I. Naumova. Atom. energ. 10 no. 5'528-529 My '61.
Quantitative determination of traces of barium, nickel, copper, antimony, molybdenum, manganese, cadmium, tin, gold, arsenic in metallic beryllium by the radioactivation method [with summary in English]. I. P. Alimarin and others. Zhur. anal. khim. 16 no. 2,209-212 Mr-Ap '61.

ACTIVITY PROGRAMS IN EDUCATION
(see also subdivision under White Russia)
Developing the independent work of students in chemistry classes. N. Haurusenka. Nar. asv. no. 4:80-83 Ap '61.

ACTORS
Debuts of the younger generation. E. Tade. Smena 38 no 8 24 Ap '61
Fathers and sons. A. Svobodin. Teatr 22 no. 5 157-159 My '61
Read this book! ("The career of an actress" by S. Bitman. Reviewed by S. Obraztsov) Novyi mir 36 no. 5 246-248 My '60

ACUPUNCTURE
Amplifiers of physiological currents. G. D. Novinskii. Nauka i zhizn' 28 no. 4.77-78 Ap '61.
Chinese popular medicine and its role in Soviet stomatology. M. K Gelkin Stomatologiia 40 no 2 100-101 Mr-Ap '61.

ADAMIAN, NORA GEORGIEVNA
Strict kindness ("Zero three"; a tale by Nora Adamian. Reviewed by E. Kuz'mina). Novyi mir 37 no. 5'248-250 My '61.

ADAPTATION (BIOLOGY)
Adaptation features and properties of watermelons in dry farming [with summary in English]. M. I. Malinina. Trudy po prikl. bot., gen. i sel. 32 no. 3:219-222 '59.
Gambarian, P. P. [Adaptive characteristics of motor organs in burrowing mammals] Prisposobitel'nye osobennosti organov dvizhentia roiushchikh mlekopitaiushchikh. Erevan, Izd-vo Akad. nauk Armianskoi SSR, 1960. 194 p.
Gnetsinskii, A. G. [Evolution of function and functional evolution] Ob evoliutsii funktsii i funktsional'noi evoliutsii. Moskva, Izd-vo Akad. nauk SSSR, 1961. 20 p.

ADDING MACHINES see Calculating machines

ADENOMA
Diagnosis of bony metastases of adenoma of the thyroid gland by the cytological method I S Mocheva, I I. Teodor. Khirurgiia 37 no 5 93-96 My '61

ADENOSINE PHOSPHATES
Electrophysiological study of the dependence of the functional state of skin receptors in frogs on metabolism in the receptor field [with summary in English]. O. P. Dobromyslova. Biul. eksp. biol. i med. 51 no. 1 13-17 Ja '61
Mechanism of change in chemoreceptors of the blood vessels in reflex adaptation [with summary in English]. V. V. Frol'kis, Z. I. Bushmakina, I. V. Shchegoleva. Biul. eksp. biol. i med. 51 no. 1'8-13 Ja '61.

ADENOSINEPHOSPHORIC ACIDS
Adenosinephosphoric acid content of the rat liver and muscles in dinitrophenol poisoning [with summary in English] A. V Kotel'nikova, V. V Solomatina, I A Gorskaia Biokhimiia 25 no 6 1085-1091 N-D '60

ADENOSINETRIPHOSPHATASE
Adenosinetriphosphatase in various cellular fractions of the brain [with summary in English]. A. V. Palladin, O. V. Kirsenko. Biokhimiia 26 no. 2:385-390 Mr-Ap '61.
Decrease of the stability and adenosinetriphosphatase activity of myosin in solution during thermal denaturation and due to the effect of cadmium chloride [with summary in English]. E. B. Kofman, A. N Malikova Biokhimiia 25 no 2 242-250 Mr-Ap '60.

ADENOSINETRIPHOSPHORIC ACID
Effect of adenosinetriphosphoric acid on the uptake of assimilates by the conducting system of the sugar beet [with summary in English] A. L. Kursanov, M I Brovchenko. Fiziol. rast 8 no 3:270-278 '61

ADENOVIRUS INFECTIONS
Adenoviruses and the diseases caused by them. R. S. Dreizin, E. L. Trivus, L. D. Kniazeva. Vest AMN SSSR 15 no 3 39-44 '60.

ADENYLIC ACID
Leucocyte phosphatase catalyzing the hydrolysis of adenylic acid. T. M IAkovleva Dokl. AN SSSR 136 no. 1:211-213 Ja '61

ADHESION
Adhesion pressure in the diffusion theory of adhesion [with summary in English]. R. M Vasenin. Vysokom soed. 3 no 5:679-685 My '01.
Effect of the scale factor and temperature on the adhesive strength between polymer and glass [with summary in English]. G. M Bartenev, V T. Malinina Vysokom. soed. 3 no. 5:783-786 My '61
Method of determining the total force required for the extraction of fruit-jelly forms from rigid molds. M. P. Gogueva. Trudy VKNII no.14:20-31 '59.
Polymer adhesion. Part 8: Adhesion to polyamide of graft and modified polymers obtained from carboxylated butadiene-styrene rubbers and ε-caprolactam and its derivatives [with summary in English]. V. L. Vakula and others. Vysokom. soed. 3 no. 5:775-782 My '61.

ADHESIVES
Adhesives in shipbuilding and ship repairs I. Klushenkov. Rech transp 20 no 3 18-20 Mr '61
Recent developments of the "second nature." B. Rozen. Moskva 4 no. 3:220 '60.
Studying the kinetics of gluing samples of unbleached cotton fabrics with casein adhesives V S Mentsov, S S Vasil'ev Izv vys uchcb zav , tekh leg prom no 1 71-79 '60

ADIPHENINE
Mechanism of action of diphacil (spasmolytin) on adrenocortical function [with summary in English]. A. N. Poskalenko. Biul. eksp. biol. i med. 51 no. 3 76-79 Mr '61.

ADIPIC ACID
Isomorphous substitution in polyethylene terephthalate [with summary in English] B V Petukhov, S. M Kondrashova Vysokom. soed. 3 no 5,657-661 My '61.

ADLER—AIRPORTS
Where the sea waves splash. S. Demerchian. Grazhd. av. 18 no. 5:14-15 My '61.

ADMINISTRATION OF CRIMINAL JUSTICE see Criminal justice, Administration of

ADMINISTRATION OF JUSTICE see Justice, Administration of

ADMINISTRATIVE REMEDIES
For more attention to workers' complaints. P Mykhal'ov Rad pravo no 2 87-90 Mr-Ap '60
Seven years of red tape. A. Ganzburg, V. Mukhortov. Sov. deputi. trud. no. 6 86-87 Je '61.

ADRENAL CORTEX
Adrenal cortex function in thyrotoxicosis. Preliminary report. Sh. Sh. Shamakhmudov. Med. zhur. Uzb. no. 4' 47-50 Ap '61.
Adrenocortical reaction in some orthopedic and traumatological diseases and operations. M. L. Abramov. Ortop. travm. i protez. 22 no. 1 81 Ja '61.
Evaluation of adrenal cortex function and the effectiveness of the use of adrenocorticotropic hormone (ACTH) for mental patients with a depressive condition. M M Kabanov. Vop. psikh i nevr no 5 202-213 '59.
Functional state of the adrenal cortex in hyperthyroidism before and after surgical treatment G V. Sniha Khirurgiia 37 no. 5:95-98 My '61
Mechanism of action of diphacil (spasmolytin) on adrenocortical function [with summary in English]. A. N. Poskalenko. Biul. eksp. biol. i med. 51 no. 3:76-79 Mr '61.
Reaction of the adrenal cortex in action on the organism of small doses of ionizing radiation in conditions of internal irradiation [with summary in English]. V. I Kondrov. Fiziol zhur 46 no. 2:230-235 F '60.

ADRENAL GLANDS
Changes in the connective tissue system following adrenalectomy. D S Kurbanaliev. Uch. zap. AGU. Biol ser no. 3.49-51 '60.
Dependence of age-related differences in sensitivity to barbiturates on the development of the hypophysial-adrenal system [with summary in English]. I. V. Markova. Biul. eksp. biol. i med. 50 no. 10:87-91 O '60.
Modern concepts on the functional morphology of the hypophysis, adrenal, and thyroid glands E. I Tarakanov. Arkh. anat. gist i embr. 39 no. 11.102-115 N '60.
Some biochemical indicators of receptive influences of the adrenal glands N M Turubiner, M. M. Eidel'man. Probl. endok. i gorm. 7 no. 2 6-13 Mr-Ap '61.

ADRENAL GLANDS—INNERVATION
Capillary innervation in the stroma of the autonomic ganglia of the suprarenal plexus [with summary in English]. G. B. Agarkov. Arkh anat. gist. i embr 40 no. 4: 122-124 Ap '61.

ADRENALINE
Comparative effect of reflexes from the carotid chemoreceptors and baroreceptors on the secretion of the adrenal medulla E. I Malygina Probl endok i gorm 7 no 2'3-6 Mr-Ap '61.
Effect of pituitrin, mammophysin, and adrenaline on the uterine circulation [with summary in English]. I. I. Benediktov. Farm. i toks. 24 no. 1.94-99 Ja-F '61.
Effect of the transfusion of polyglucin on the noradrenalin of content of the rabbit heart [with summary in English]. R. M. Glants. Probl. gemat. i perel. krovi 5 no. 2:35-38 F '60.
Enzymatic oxidation of adronaline, noradrenaline, and tyramine in the liver and heart of rabbits [with summary in English]. P. A. Kaliman. Biokhimiia 26 no. 2:284-289 Mr-Ap '61.
Excretion of adrenaline and adrenalinelike substances in patients with coronary insufficiency. D. E. Kagan, G. A. Kvitko. Terap. arkh. 33 no. 4:71-74 '61.
Method for adrenaline electrophoresis. A. D. Golendberg. Vop. kur., fizioter. i lech. fiz. kult. 26 no 1'54-57 '61.
Neurohormonal factors in the development of sleep [with summary in English]. A. V. Tonkikh. Zhur. vys. nerv. deiat. 10 no. 2:285-290 Mr-Ap '60.

ADRENALINE (Continued)

Physiological properties of the adrenergic substrate of the reticular formation of the brain stem I P Anokhina-Itskova Fiziol zhur 17 no 2:154-159 F '61

Some biochemical indicators of receptive influences of the adrenal glands N M, Turubiner, M M Eidel'man Probl endok i gorm 7 no 2 6-13 Mr-Ap '61.

ADRENOCORTICAL HORMONES

Biosynthesis of corticosteroids in vitro with normal and denervated adrenal glands of dogs N A Udaev, IU A Pankov Probl endok i gorm 7 no 2 18-23 Mr-Ap '61.

Effect of corticosteroid therapy on serum proteins, blood cholesterol and eosinophil count in various allergic diseases E M Abdel'vakhab Probl endok i gorm 7 no 2 56-62 Mr-Ap '61.

ADRENOCORTICOTROPIC HORMONES see ACTH

ADSORBENTS

(see also subdivision under United States)

Suitable types of industrial activated carbons intended to be used as adsorbents. Gidroliz. i lesokhim. prom. 14 no.4.31 '61.

ADSORPTION

Adsorption and ion-exchange properties of silica modified by a radical with acid functions. I E. Neimark, V M Chertov. Dokl AN SSSR 138 no.4:877-879 Je '61

Adsorption of lower aliphatic alcohols on alumina catalysts and the orientation of the adsorbed molecules [with summary in English]. V. E Vasserberg, A. A. Baiandin, M. P. Maksimova. Zhur. fiz. khim. 35 no.4: 858-866 Ap '61.

Adsorptive ability and catalytic activity of platinized charcoal in relation to certain silicon hydrides added to unsaturated compounds. V A Afanas'ev, V A Ponomarenko, N. A. Zadorozhnyi Dokl AN SSSR 136 no.5:1123-1126 F '61

Adsorptive properties of aluminosilicates and alumina gel K. G. Krasil'nikov, V. F Kiselev. Probl. kin i kat. 10: 421-425 '60.

Calculating the temperature and capacity of an adsorbent in the presence of an internal heat source [with summary in English] N. I Buleev and others Inzh.-fiz zhur 4 no 5 8-11 My '61.

Chemical adsorption of gases on nickelous oxide and its solid solutions. L N. Kutseva, N.P Keier. Probl. kin. i kat. 10:82-86 '60.

Contact potential of the surface of germanium in adsorption and catalysis. V. I. Liashenko, G. F Romanova, I I Stepko. Probl. kin. i kat. 10 111-116 '60

Effect of the adsorption of gases on electroluminescence. I. K. Vereshchagin. Opt. i spektr. 8 no. 3:420-421 Mr '60.

Effect of the chemical structure of alkyl benzenes on their adsorbability on silica gel [with summary in English]. E. A. Mikhailov and others. Zhur. fiz. khim. 34 no. 4:824-832 Ap '60.

Effect of the nature of the silica surface on its adsorptive properties. V F. Kiselev, K. G Krasil'nikov. Probl. kin. i kat. 10:415-420 '60

Improved method of studying adsorption on substances with small specific surface areas [with summary in English]. V. I. Shimulis, V. M. Griaznov. Zhur. fiz. khim. 35 no. 4:942-945 Ap '61.

Influence of dispersity on the adsorptive capacity of a semiconductor Sh. M Kogan. Probl. kin. i kat. 10.52-57 '60.

Measurements of the contact potential of a semiconductor as a method of detecting the various charged states of particles adsorbed on it Sh M. Kogan, V. B Sandomirskii Probl kin. i kat. 10.62-66 '60.

Role of adsorption in the generation of the polarographic wave of proteins. I. D. Ivanov Dokl AN SSSR 138 no. 4:952-954 Je '61.

Semiautomatic measurement device attached to a volumetric adsorption apparatus [with summary in English]. M. Smicek, S. Černy, J. Minařova. Zhur. fiz. khim. 35 no. 4:939-941 Ap '61.

Structure of the surface bonds of carbon monoxide on palladium based on data of adsorption measurements and infrared spectra. N N. Kavtaradze, V. I. Lygin. Dokl. AN SSSR 138 no. 3:616-618 My '61.

Study of gas adsorption on metals by means of a field emission microscope. L I. Tret'iakov. Probl. kin i kat. 10:164-168 '60.

Theory of chemical adsorption on metals. V. L. Bonch-Bruevich, V. B. Glasko. Probl. kin. i kat. 10:141-154 '60.

ADULT EDUCATION

(see also subdivision under Grodno; Minsk; Rudnyy)

Each worker continues his education. I. Kozachuk Voiov. ateist no. 4:20-21 Ap '61.

It is never to late to learn. I Rozum. Ukraina no. 7:12 Ap '60.

Terpigorev, A. M. [Work and self-education] Trud i samoobrazovanie. [Moskva] Izd-vo VTsSPS Profizdat, 1959. 118 p. (Massovaia biblioteka rabochego)

ADVERTISING—VEGETABLE TRADE see subdivision under Moscow

AERIAL PHOTOGRAMMETRY

Accuracy of determining point elevations depending on the longitudinal overlap of aerial photographs V. I. Pavlov. Izv. vys. uchеb. zav. geod. i aerof. no. 6 113-119 '60.

Aerial photographic surveying in studying the drift of sandy sediments V. L Boldyrev Trudy Okean kom 3 201-205 '61

Determination of the resolving power by aerial photographs. P. V Zakharov. Izv. vys. uchеb. zav., geod. i aerof. no. 6 121-132 '60.

Distribution of axial angles of near-vertical aerial photographs M. Kh Muzafarov. Izv. vys. uchеb. zav., geod. i aerof. no 6 97-108 '60.

From work practices in horizontal and vertical control of aerial photographs R N Gel'man. Geod i kart no 4 37-45 Ap '61

Investigating the automatization principles of the stereophotogrammetric processing of aerial photographs. N F. Orelkin Zhur nauch i prikl. fot i kin 5 no 2 111-122 Mr-Ap '60

Method for approximate determination of inclination angles of gently sloping terrains from near-vertical aerial photographs. P N. Bruevich. Izv. vys. uchеb. zav., geod. i aerof no 6.109-112 '60.

Problem of using zonal spectrum photography to record coal seams in strip mines. E. L. Astvatsaturov. [Trudy] VNIMI no. 33 157-167 '58.

AERIAL PHOTOGRAMMETRY—CONGRESSES

Ninth International Photogrammetric Congress and the development of photogrammetry abroad. M. D. Konshin, A. N. Lobanov, N. P. Lavrov. Izv vys. uchеb. zav., geod. i aerof. no. 6 53-60 '60.

AERIAL PHOTOGRAPHY see Photography, Aerial

AERODYNAMIC FORCES see Drag (Aerodynamics)

AERODYNAMICS

Aerodynamics of an airplane with deviated gas jet of the jet engine. G. I. Andrenko. Izv. vys. uchеb. zav. av. tekh. 3 no. 2, 3-13 '60.

Elevation above the mouth attained by a stream of gases issuing from a point or linear source into a transverse air flow [with summary in English]. IU. V. Ivanov. Inzh.-fiz. zhur. 4 no. 4:113-116 Ap '61.

Gas flow in channels with a continuous separation through grates with lateral partitions. P. V. Orekhov. Izv. vys. uchеb. zav., mashinostr. no. 1 139-149 '60.

Graphoanalytic calculation of the distribution of lift along the wing span. G. S. Blandov. Trudy MAI no. 130: 149-194 '60.

Integral kinetic equations for a gas mixture with internal degrees of freedom [with summary in English] S V Vallander, A. V. Belova. Vest. LGU 16 no. 7 81-86 '61.

Integral kinetic equations in the theory of monatomic gases in the presence of an external field of mass forces [with summary in English]. A V Belova, S V. Vallander Vest LGU 16 no. 7 75-80 '61

Some problems in the theory of conical flows. B. M Bulakh Prikl mat. i mekh 25 no 2 220-241 Mr-Ap '61

AERODYNAMICS, HYPERSONIC

Three-dimensional hypersonic gas flows about thin bodies at large angles of attack V V. Sychev Prikl. mat. i mekh. 24 no. 2 205-212 Mr-Ap '60.

AERODYNAMICS, SUPERSONIC

Analytic solution of the problem of supersonic gas flow about a cascade of conic blades [with summary in English] Part I. N V. Smirnov. Vest. LGU 16 no 7 105-116 '61

Approximate analytic solution of irrotational equations for a supersonic flow about developing wings [with summary in English]. I. A. Popova Vest. LGU 16 no 7 87-104 '61.

Conic wing in a supersonic gas flow [with summary in English]. A. S Avdonin. Vest LGU 16 no. 7 62-74 '61

Some relationships in the supersonic region of gas flow at high temperatures [with summary in English]. E. A. Orudzhaliev. Inzh.-fiz. zhur. 4 no. 4:25-31 Ap '61.

AERODYNAMICS, TRANSONIC

Transonic laminar gas flows with specific points on the sonic line S V. Fal'kovich. Prikl. mat. i mekh. 25 no 2.210-228 Mr-Ap '61

AERONAUTICAL RESEARCH

Research center of naval aeronautics in Russia. V. N. Sokol'skii. Trudy Inst. ist. est. i tekh. 38:288-297 '61.

AERONAUTICS

The AN-10 has established a new record. K. Bellmenko, O. Husiev. Ukraina no. 11:28 Je '61.

At the cradle of our eagles (to be continued). S. Hryzodubov. Ukraina no. 10:18-20 My '61.

At the cradle of our eagles (continuation). S. Hryzodubov. Ukraina. no. 11:26-27 Je '61.

"In yesterday's skies" by K. A. Gil'zin. Reviewed by I F. Fedorov. Vest. Vozd. Fl. no. 12:79 D '60.

New data on S. S Nedelanovskii's works on aeronautics A. I. IAkovlev Trudy Inst. ist. est i tekh 38 221-249 '61

Spitsin, I. T. [In the blue sky] V golubom nebe. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 201 p.

AERONAUTICS—CURIOSA AND MISCELLANY

An airplane was destroyed by dew B Tymoshchuk Ukraina no 8:32 Ap '60

AERONAUTICS—PASSENGER TRAFFIC

For you, passengers. Grazhd. av. 18 no. 5:18 My '61.

AERONAUTICS—TECHNOLOGICAL INNOVATIONS

This helps technical progress. A V. Ageev, G. I. Armeev, V A. Ivanov Vest. Vozd Fl no 12 50-54 D '60

AERONAUTICS, COMMERCIAL

(see also subdivision under Kiev)

In the air fleet. Grazhd. av. 18 no. 5:9 My '61.

Letters of our correspondents. Grazhd. av. 18 no. 5:23 My '61.

Moscow - Khabarovsk. V. Shipov. Grazhd. av. 18 no. 5: 16 My '61.

The plane flies south. Sov. profsoiuzy 17 no. 11:46-47 Je '61.

AERONAUTICS, COMMERCIAL—FREIGHT

Some problems of contractual relations in the air transportation of freight G P Savichev Vest Mosk un Ser 10 Pravo 15 no 1 49-58 '60

AERONAUTICS, COMMERCIAL—LABOR PRODUCTIVITY

Planning and accounting for labor productivity. I. Turkin. Grazhd. av. 18 no. 5.20-21 My '61.

AERONAUTICS, COMMERCIAL—PERIODICALS see subdivision under Ukraine

AERONAUTICS, COMMERCIAL—STATISTICS

World air transportation during the past year. Grazhd. av. 18 no. 5:31 My '61.

AERONAUTICS IN AGRICULTURE

(see also subdivision under Velikiye Luki)

Air bases for agricultural work. N. Kocharov. Grazhd. av. 18 no. 5:7-8 My '61.

The most important problem. V. Michinkin. Grazhd. av. 18 no. 5:2-3 My '61.

AERONAUTICS IN MEDICINE

An emergency landing IU. Sokolenko. Ukraina no 7:30 Ap '60

AERONAUTICS IN METEOROLOGY

Airborne measurement of albedo. N. P. Pintovskaia Trudy GGO no 109 111-132 '61

AERONAUTICS IN PUBLIC HEALTH see subdivision under Uzbekistan

AEROSOLS

Absorption and secretion of an aerosol of phthivazid M. V. Abdurashitova Sbor trud Uz. nauch.-issl. tub inst. 3 70-75 '57.

Formation of aerosols in the radiolysis of gaseous hydrocarbons. V S Bogdanov Dokl. AN SSSR 136 no. 1,121-124 Ja '61.

Lovin, L. M. [Research on the physics of coarsely dispersed aerosols] Issledovaniia po fizike grubodispersnykh aerozolei. Moskva, Izd-vo Akad. nauk SSSR, 1961. 206 p.

AESCHYNITE see subdivision under Il'men Mountains

AESTHETICS

(see also subdivision under France)

Aesthetic apologia in reality. P. Morentsev. Uch. zap. Kish. un. 37:3-30 '59.

Against aestheticizing the distasteful! V. Gaponshkin. Iskusstvo 24 no. 1:33-36 '61.

"Art belongs to the people." Reviewed by I. Fedorov. Zvezda no. 3:216 Mr '61.

Barnaics, Kostas. [Aesthetics and criticism. Translated from the Greek] Estetika-kritika. Predisl. i obshchaia red. IU. B. Borova. Moskva, Izd-vo inostr. lit-ry, 1961. 257 p.

The building of communism and the aesthetic training of the masses. A. Egorov. Polit. samoobr. 5 no. 6:8-20 Je '61.

Interpretation of paintings in White Russian language classes. Z. Molokh. Nar. asv. no. 2:51-55 F '61

Marxism-Leninism in the struggle against revisionist trends in aesthetics D. F. Kozlov. Uch. zap. MGPI 161 286-295 '61

Moscow. Publichnaia biblioteka. [Art for everybody; discussions of books] Iskusstvo - vsem; besedy o knigakh. Pod red. E. E. Naidicha. Leningrad, 1960. 10 v. (V pomoshch' estetícheskomu vospitaniiu)

"Principles of Marxist-Leninist aesthetics " Reviewed by M. V. Honcharenko. Rad. lit. 5 no. 2:131-136 Mr-Ap '61.

Specificity in the forms of art IU. Gotovshenko. Zvezda no. 4-175-183 Ap '61.

AESTHETICS (Continued)

Subjectivist trends in aesthetics S M Petmiakov Vop filos 15 no 5 112-123 '61

Trofimov, P.S. [Marxist-Leninist aesthetics and its relation to other social sciences] Marksistsko-leninskaia estetika i ee otnoshenie k drugim obshchestvennym naukam. Moskva, Izd-vo "Znanie," 1961. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, Filosofiia, no. 9)

Vivid aesthetics ("The aesthetic views of V I Lenin" by P Mezentsev Reviewed by A Polikano.) Neva no 4 195-196 '61

AESTHETICS—BIBLIOGRAPHY see Bibliography—Aesthetics

AESTHETICS—STUDY AND TEACHING

Aesthetic training of students while working R IA Eidlin Sov pedag 25 no 5 58-65 My '61

Inculcating aesthetic tastes in children. K.P Borst. Det dom 16 no.4 34-39 '60.

May they have spiritual treasures Naum Matvinchuk *Mysletstvo 8 no 2-39-40 Mr-Ap '61*

The way to young hearts. Sergei Mikhalkov. Ogonek 39 no 22-8 My '61

AFFORESTATION

(see also subdivision under Amu Darya Valley, Caspian Lowland, Dnieper Valley, Yergeni Hills)

Green protection. S. Ivchenko. Znan.ta praisa no. 4, *8 Ap '61.*

Significance of high seeding rates of coniferous species with reference to the influence of herbaceous plants V. P. Bel'kov. Bot. zhur 45 no 4 608-612 Ap '60

Studies made by P V Ototskii in the Landes region of France G F Basov Izv. vys ucheb zav , les zhur 3 no 1 168-169 '60

AFGHAN LANGUAGE—CONSONANTS

Old Iranian groups of consonants and their flection in the Afghan language (Pushtu) A. N Ragoza Uch. zap LGU no 294:62-70 '61

AFGHANISTAN

A new study of Afghanistan ("Present-day Afghanistan " Reviewed by M Pikulin) Obshchestv nauki v Uz no 1 63-64 '61.

AFGHANISTAN—EDUCATION

Education in Afghanistan. M. Kirillov. Nar.obr. no.5 107-109 My '61.

AFGHANISTAN—FOREIGN ECONOMIC RELATIONS—RUSSIA

Soviet technical aid to Afghanistan. G. P. Georgiev. Krat. soob. Inst vost no 37.37-43 '60.

AFGHANISTAN—FOREIGN RELATIONS

Features of Afghan foreign policy during the initial period of the Second World War, 1939-1941. R T. Akhramovich. Krat soob. Inst. vost. no 37:3-8 '60.

Interimperialistic struggle in Afghanistan during the *second World War.* N. M. Gurevich. Krat soob. Inst vost, no. 37,44-52 '60.

The Niedermeyer-Hentig mission to Afghanistan, 1915-*1916.* M. A. Babakhodzhaev. Krat. soob. Inst. vost. no. 37:18-26 '60.

AFGHANISTAN—FOREIGN RELATIONS—PAKISTAN

The problem of Pushtunistan in the foreign policy of present-day Afghanistan L B Teplinskii. Krat. soob. Inst. vost. no. 37:9-17 '60.

AFGHANISTAN—FOREIGN RELATIONS—RUSSIA

V. I Lenin on the liberation struggle of the Afghan people. V. Chebotareva Obshchestv. nauki v Uz no. 1 58-61 '61

AFGHANISTAN—HISTORY

On the history of popular uprisings in the 15th century Timurid state, M. R. Arunova. Krat. soob. Inst. vost. no. 37 34-38 '60.

Study on the history of the Afghans, Abdul Raouf Binava's book "Khataki" Krat. soob. Inst. vost. no. 37:135-139 '60.

AFGHANISTAN—SUGAR INDUSTRY

Sugar industry of Afghanistan (from "Zeitschrift für die Zuckerindustrie," *no. 10, 1960).* A. D. Blankman Sakh. prom. 35 no. 5 71-72 My '61.

AFRICA—ARID REGIONS

French geographers' recent studies in the arid regions of Africa. J. Dresch Vest. Mosk un. Ser. 5: Geog. 16 no 3:8-13 My-Je '61

AFRICA—ART INDUSTRIES

Art of the peoples of Africa. I. Golovanova. Ogonek 39 no. 21:24 My '61.

AFRICA—BIBLIOGRAPHY

[New Soviet and foreign literature on the countries of the non-Soviet East.] Nov. sov. i inostr. lit. po stran. zarub. Vost. no. 3 '61.

AFRICA—BRITISH COLONIES

The unpleasant truth of a certain "pleasant" jaunt ("A tourist in Africa" [in English] by Evelyn Waugh Reviewed by A Flistratova) Inostr lit no 4 194-197 Ap '61

AFRICA—BUDGET

Budgets of African countries. Fin SSSR 22 no. 5 95 My '61.

AFRICA—DESCRIPTION AND TRAVEL

A journey to Africa. Oleksandr Hordii Ukraina no. 11, 16b-16c, 17-18 Je '61

The sun is rising over Africa; a traveler's notes. V. Tancher Voiov. ateist no. 5:57-60 My '61.

AFRICA—EDUCATION, SECONDARY

Secondary education as a means of the development of Africa J Friedler Sov pedag 25 no 5 148 My '61

AFRICA—FOREIGN ECONOMIC RELATIONS—WEST GERMANY

The penetration of West German monopolies into Africa. L. I. Kruglov. Krat. soob Inst. vost no. 11,43-56 '59.

AFRICA—LABOR AND LABORING CLASSES

The African laboring class in the struggle against imperialism. G Usov. Mir. ekon. i mezhdunar. otn. no. 6: 127-130 Je '61

AFRICA—MEDICINE

Medicine and hygiene among the African peoples as revealed by old Russian literature and the impressions of Russian travelers. N. A. Bogolavlenskii. Fel'd. i akush. 25 no. 4 44-48 Ap '60.

AFRICA—MISSIONS

Missionaries and colonies ("Colonialism under the cowl" [in German] by Heinrich Loth. Reviewed by M Lazarev). Nov vremi. 19 no. 25:28-29 Je '61.

AFRICA—MOHAMMEDANISM

The sun is rising over Africa; a traveler's notes. V. Tancher. Voiov. ateist no. 5:57-60 My '61.

AFRICA—NATIONALISM

"Where is Africa going? [in German] by Adolph Kummernuss. Reviewed by V. Serov. Mir. ekon. i mezhdunar. otn. no 6 149-152 Je '61.

AFRICA—POLITICS

The African laboring class in the struggle against imperialism. G Usov Mir. ekon. i mezhdunar. otn. no. 6 *127-130 Je '61*

African peoples struggle for their independence. D. Aleksandrov. Rad. pravo no. 3:126-128 My-Je '61.

Awakening of Africa and American Negroes Thomas Buchanan. V zashch mira no. 5 8-13 My '61

Hammarskjold betrayed the Congo. Vege Chile. V zashch mira no. 5 29 *My '61.*

Peoples of Africa are forging unity. I. Potekhin. Mezhdunar. zhizn' 8 no. 6:108-113 Je '61.

AFRICA—PORTUGUESE COLONIES

Portuguese colonialism and African students. Jose Mukangana Vsem stud nov 15 no 2,22-24 F '61.

AFRICA—YOUTH

Invincible will of the young. UKraina no. 6:6 Ap '60.

AFRICA, NORTH—COLONATE

Some characteristics of the land tenure of colonl in the *Roman North Africa* of the second century A D. I. F. Golovachev. Vest. drev. ist no. 1:120-127 '61

AFRICA, NORTH—FOREIGN ECONOMIC RELATIONS—UNITED STATES

United States expansion in North Africa. A. Shvirt. Mir. ekon. i mezhdunar. otn. no. 6:130-144 Je '61.

AFRICA, UNION OF SOUTH see South Africa, Union of

AFRICA, WEST—DESCRIPTION AND TRAVEL

Through Morocco and Guinea. M. Birshtein. Iskusstvo 24 no. 4:46-50 '61.

AFRICA IN LITERATURE AND ART

Through Morocco and Guinea. M. Birshtein. Iskusstvo 24 no. 4:46-50 '61.

AGAR

Most favorable amount of "dry nutritional agar" in media for the cultivation of marine heterotrophic microorganisms [with summary in English]. IU A. Gorbenko. Mikrobiologiia 30 no. 1 168-172 Ja-F '61.

AGARICALES see subdivision under White Russia

AGATES see subdivision under *Georgia*

AGE

Changes in the sensitivity of strychnine in the ontogenesis of the reflex act. D. A. Sakharov, Katalin Veresh. Dokl. AN SSSR 136 no. 1:253-255 Ja '61.

Resistance and tolerance in relation to certain pharmacological substances at different age periods. V. D. Rozanova. Usp. sovr. biol. 49 no. 1:86-103 Ja-F '60.

AGED

Paths of the development of gerontology in Russia. M. M. Gorbev, L. P. Cherkashkyi Fiziol. zhur. [Ukr.] 7 no. 3 321-332 My-Je '61

AGED—CONGRESSES

Soveshchanie po voprosam gerontologii i geriatrii, 2d. [Reports of the Second Congress on Problems in Gerontology and Geriatrics] Tezisy dokladov. Moskva, Mosk. ob-vo ispytatelei prirody, 1960. 120 p. (DNLM)

AGEEV, NIKOLAI EGOROVICH

Before the harvest ("Warm shoulder"; poems by Nikolai Ageev. Reviewed by Vl. TSybin). Moskva 1 no. 3: 197-198 '60.

AGGLUTINATION

Use of the microagglutination reaction with antigen of Rickettsia burneti for the serodiagnosis of Q fever in children L I Shironin Med zhur Uzb no 1 21-23 Mr '61

AGGLUTININS

Effect of hypothermia on agglutinin production and on changes in blood serum protein fractions during vaccination [with summary in English] V I Andreichenko, L. IA Dantlova Pat fiziol i eksp ter ap 4 no. 2 32-37 Mr-Ap '60.

AGGREGATES

Certain classes of sets and their applications. S. N. Mergelian Dokl. AN SSSR 138 no. 2:285-288 My '61.

K-regular cones. V. IA. Stetsenko. Dokl. AN SSSR 136 no 5:1038-1040 F '61

Structure of measurable functions. Part I. *Khoang Tui.* Mat. sbor. 53 no. 4:429-488 Ap '61

AGGREGATES (BUILDING MATERIALS)

(see also subdivision under Alma-Ata Economic region; Chelyabinsk; Dnepropetrovsk)

Characteristics of slag pumice and the principal ways of mass producing it. V. I. Ovsiankin, M. P. Elinzon. Stroi. mat. 7 no. 4-7-10 Ap '61.

Effect of the nature of aggregates on concrete and mortar strength P. I. Rozhenov, V I Kavalerova Bet i zhel.-bet no 3:120-122 Mr '61

Fractional analysis according to volume weight and estimating the degree of homogeneity of porous aggregates. V. L. Pizhetskavskii. Stroi. mat. 7 no. 4:33-34 Ap '61.

Porous aggregate of local argillaceous-micaceous shale. I. R. Rasulov. Izv. AN Uz. SSR no. 7:91-93 '56.

"Production of nonmetallic mineral construction materials as aggregates for concrete" by L. P. Rat'kovskii. Reviewed by I. IA. Anikeev. Stroi. mat. 7 no. 4 37-38 Ap '61.

Useful book for manufacturers ("Utilizing the ashes of pulverized fuel for large block construction" by N. G. Chukreev. Reviewed by D. E. Gorbachev). *Stroi mat.* 7 no. 4 38 Ap '61.

AGGREGATES (BUILDING MATERIALS)—*STORAGE*

Highly mechanized storage yards for aggregates in large-panel housing construction enterprises. S. M. Pavlov. Mekh. stroi. 18 no. 3:3-6 Mr '61.

AGING

Age changes in the reaction of animals to barbamyl [with summary in English]. A. V. Nalegatskaia, Farm. i toks. 24 no. 1:30-32 Ja-F '61.

Age differences in the antigenic properties of the skin [with summary in English]. K. M. Akylbekov, L. L. Khvorostukhin. Biul. eksp. biol. i med. 51 no. 1:94-96 Ja '61.

Age-related changes in the mineral metabolism and nitrogen content of bone tissues in rats [with summary in English]. N. I. Elkina. Biokhimiia 26 no. 2 212-216 Mr-Ap '61.

Cortical electrical responses in ontogenesis N. N. Dzidzishvili, T. D. Dzhavrishvili Fiziol zhur 47 *no 5 559-565 My '61*

Demarcational difference in potentials as a characteric of the changing condition of polarization of skeletal muscles in various age periods [with summary in English]. I. I. Gokhblit, I. A. Kornienko. Biul. eksp. biol. i med. 40 no. 2:26-31 F '60.

Development of unequal sensitivity in the cervical and lumbar divisions of the spinal cord to narcotic action in postnatal ontogenesis O. B Il'inskii Fiziol zhur. 47 no 5 591-597 My '61.

Mechanisms of the body's adaptation and resistance at different ages. I. A. Arshavskii. Vest. AMN SSSR 14 no. 4:18-29 '59.

AGRANULOCYTOSIS

Clinical aspects of medicinal agranulocytosis and antibiotic therapy for it. A. D. Sidorova. Lech. infekts. bol'. no. 4:239-247 '60.

AGRICULTURAL ADMINISTRATION

(see also subdivision under Klyuchevoy District; *Lipkany District; Ossetia;* Pavlodar Province; Rakitnoye District; Serdobsk District)

Breakup of the ice. Ivan Vinnichenko. Oktiabr' 38 no 5:167-168 My '61.

AGRICULTURAL ADMINISTRATION (Continued)

The current problems of rural soviets. Sov. deput. trud. no. 6:3-8 Je '61.

Let's effectively struggle against the practice of eyewash and deceit. Kommunist 38 no. 9:71-76 Je '61.

Organizational experience of the Lipetsk District Committee of the CPSU in the development of stockbreeding. O. F. Gullaeva. Uch. zap. Lip. gos. ped. inst. 2:3-29 '58.

A rich source. S. Novikov. Part. zhizn' no. 12:46-55 Je '61.

AGRICULTURAL CHEMISTRY

Chemists help agriculture. NTO 3 no. 5:13 My '61.

Two ears of corn. O. Dobrolubskii. Novyi mir 36 no. 5 167-178 My '60.

AGRICULTURAL CONTRACTS see Contracts, Agricultural

AGRICULTURAL CREDIT

Credit forms must be simplified. I. I. Vorobovskii. Uchet i fin. v kolkhoz i sovkhoz. 18 no. 5 42 My '61

Issuing bank credit to state farms according to the business accounting principle. A. I. Vasil'ev. Uchet i fin. v kolkhoz. i sovkhoz 18 no. 5:43-45 My '61

AGRICULTURAL EDUCATION

Akademiia pedagogicheskikh nauk RSFSR, Moscow, Institut metodov obucheniia. [Elective courses in agriculture for secondary vocational schools] Fakul'tativnye kursy po sel'skomu khoziaistvu v srednei politekhnicheskoi shkole. Pod red. E. IA. Pastukh. Moskva, 1960. 63 p. (Pedagogicheskie chteniia)

AGRICULTURAL EXPERIMENT STATIONS see subdivision under Irkutsk Province; Khmel'nitskiy Province; Odessa

AGRICULTURAL GEOGRAPHY—BIBLIOGRAPHY see Bibliography—Agricultural geography

AGRICULTURAL IMPLEMENTS

Tillage implements for land covered by shrubs. IU. Bogolepov, V. Valuev. Tekh. v sel'khoz. 20 no. 4:78-80 Ap '60.

AGRICULTURAL JOURNALISM see Journalism, Agricultural

AGRICULTURAL LABORERS

(see also subdivision under Kazakhstan)

Legal advice. Mekh. sil'. hosp. 12 no. 6:31 Je '61.

AGRICULTURAL LAWS AND LEGISLATION

Index to judicial practice of the Supreme Court of the U.S.S.R. in the field of collective farm law. Biul. Verkh. Suda no 2:44-46 '60

AGRICULTURAL MACHINERY

(see also subdivision under Novaya Usman' District; Rostov-on-Don)

Combining puller-type machines with tractors. G. Kal'bus. Sel'. mekh. no. 5:31-33 '61.

Contribution of the Ukrainian Scientific Research Institute of Agricultural Machinery Building to agriculture. K. Stepaniuk. Tekh. v sel'khoz. 20 no. 4:68-70 Ap '60.

Dream of an agronomist. O. Leonidov. Znan. ta pratsia no. 4:14 Ap '61.

Economic efficiency of the over-all mechanization of corn cultivation. A. G. Belozertsev. Dokl. i soob. VNIESKH no. 3:46-48 '60.

External power balance of tractor-mounted machinery. M. G. Vasilievich. Trudy MIMESKH 6:47-61 '59.

From the correspondence with readers. Sel'. mekh. no. 5: 43 '61.

High-speed machinery for agriculture. A. Smirnlagina. Tekh. mol. 29 no. 5:10-12 '61.

[High-speed operators in the field] Skorostniki polei. Izd. 2. [Odessa] Odesskoe knizhnoe izd-vo, 1961. 124 p. (DA)

Improve the power transmission of agricultural machinery. A. A. Gafanovich. Trakt. i sel'khozmash. 31 no. 5:25-28 My '61.

Invention of the Borodin family. E. IAnkovskii. Izobr. i rats. no. 5:4-6 My '61.

Machinery makers help livestock raisers. Mashinostroitel' no. 5:7 My '61.

Machinery used in sugar beet seed production. M. A. Samoilov, IU. V. Muslionko. Mekh. sil'. hosp. 12 no. 5: 5-7 My '61.

New helper of the animal breeder. V. Remekhov. Tekh. mol. 29 no. 4:16 Ap '61.

New machinery in the fields. A. Smirnlagina. Tekh. mol. 29 no. 4:17 Ap '61.

One and a half blades of grass instead of one. R. Podol'nyi. Znan. sila 36 no. 2:6-7 F '61.

Operating tractor-driven machinery at increased speeds. R. Sokolovskaia. Vest. sel'khoz. nauki 6 no. 5:147-150 My '61.

Organizing the utilization of machines and tractors on collective farms. I. P. Altaiskii. Dokl. i soob. VNIESKH no. 8:17-28 '60.

Over-all mechanization of farm crop cultivation. A. V. Elenev. Trudy MIMESKH 6:3-8 '59.

Possibilities for raising the operating speed of tractor-driven machinery beyond 9 kilometers per hour [with summaries in English, German, and French]. V. N. Boltinskii. Vest. sel'khoz. nauki 6 no. 5 75-85 My '61.

Put agricultural machinery and equipment on a standard required to meet new tasks. V. I. Kiyvosheiev. Mekh. sil'. hosp. 12 no. 6:1-2 Je '61.

Rural aid. Komsom. zhizn' no. 3:10 F '60.

System of machinery in socialist agriculture. B. A. Desiatchikov, V. E. Kon'kov, N. P. Polskutin. Izv. AN Uz SSR no. 9 3-12 '56.

Technological bases for operating tractor-driven machinery at increased speeds [with summaries in English, German, and French]. IU. K. Kirtbaia. Vest. sel'khoz. nauki 6 no. 5:86-98 My '61.

Theoretical investigation of the kinematics of tractor-drawn machinery in diagonal cultivation of field crops. B. N. Antonovskii. Trudy MIMESKH 6:63-82 '59.

Underground irrigation. M. Lavrent'eva. Tekh. mol. 29 no. 5:33 '61.

Using increased speeds in operating tractor-drawn machinery. I. I. Kiselev. Trudy MIMESKH 6:9-28 '59.

Using tolerances concerning the system of holes in agricultural machinery. G. G. Chernov. Trakt. i sel'khozmash. 31 no. 5:35-36 My '61.

Vasilenko, P. M. [Theory of the movement of particles on rough surfaces of agricultural machines] Teoriia dvizhenila chastitsy po sherekhovatym poverkhnostiam sel'skokhoziaistvennykh mashin. Pod red. M. I. Medvedeva. Kiev, Izd-vo Ukr. Akad. sel'khoz. nauk, 1960. 283 p.

AGRICULTURAL MACHINERY—BIBLIOGRAPHY see Bibliography—Agricultural machinery

AGRICULTURAL MACHINERY—EXHIBITIONS

Powerful equipment for the fields and farms. I. Maksimov. Nauka i zhizn' 28 no. 4:24-25 Ap '61.

AGRICULTURAL MACHINERY—MAINTENANCE AND REPAIR

(see also subdivision under Chelyabinsk Province)

Organization of the repair of agricultural machinery. I. Levitskii. Tekh. v sel'khoz. 20 no. 4:53-56 Ap '60.

Prospective development of agricultural machinery repair. I. Pogorelyi and others. Tekh. v sel'khoz. 20 no. 4:57-60 Ap '60.

AGRICULTURAL MACHINERY—TECHNOLOGICAL INNOVATIONS

(see also subdivision under Kazkahstan)

Create essentially new machines. S. Ivanov. NTO 2 no. 5:10-10 My '60

Is there an innovation in the design? A. K. Ignat'ev. Izobr. i rats. no. 5:36-37 My '61.

AGRICULTURAL MACHINERY—TESTING

Accelerated testing of machinery abroad. S. S. Dmitrichenko, A. G. Ryzhikova. Trakt. i sel'khozmash. 31 no. 5:45-46 My '61.

Results obtained from testing agricultural machinery at the machinery testing stations. Trakt. i sel'khozmash. 31 no. 5:28-30 My '61.

AGRICULTURAL MACHINERY INDUSTRY

(see also subdivision under Kharkov; Khimki District; Novosibirsk; Pyatigorsk; Rostov-on-Don; Tashkent)

Items from technical information bulletins of the councils of national economy. B. K. Kharitonov. Trakt. i sel'khozmash. 31 no. 5:47 My '61.

Triumph of Lenin's ideas. Trakt. i sel'khozmash. 31 no. 5:1 My '61.

AGRICULTURAL METEOROLOGY see Meteorology, Agricultural

AGRICULTURAL POLICY

Economic relations between industry and agriculture and the further upsurge of agricultural production. G. Gaponenko. Plan. khoz. 38 no. 6 3-15 Je '61

AGRICULTURAL RESEARCH

(see also subdivision under Kazakhstan; Moscow Province; Transcaucasia; White Russia)

Books received by the editor for review. Agrobiologiia no. 3:477-479 My-Je '61.

Socialist pledges of the employees of the All-Union Scientific Research Institute of Agricultural Economics. Dokl. i soob. VNIESKH no. 8:13-16 '60.

Vsesoiuznaia akademiia sel'skokhoziaistvennykh nauk imeni V. I. Lenina. [Work results of Soviet agricultural academies during 1959 and basic problems of research for the coming years; materials of the extended session of the Council for the Coordination of Agricultural Research of the Lenin All-Union Academy of Agricultural Sciences] Itogi raboty respublikanskikh akademii sel'skokhoziaistvennykh nauk za 1959 god i osnovnye problemy nauchno-teoreticheskikh issledovanii na blizhaishie gody; materialy rasshirennogo zasedaniia Soveta po koordinatsii nauchnoi deiatel'nosti po sel'skomu khoziaistvu Vsesoiuznoi akademii sel'skokhoziaistvennykh nauk imeni V. I. Lenina 25-26 marta 1960 goda. Moskva, Izd-vo M-va sel'. khoz. SSSR, 1960. 166 p.

[MICROFILM]

AGRICULTURAL WAGES

Establishing wage norms for harvesting. Kh. D. Pechonyn. Mekh. sil'. hosp. 12 no. 6:18-21 Je '61.

Machine operators' wages. A. Ilgal. Nar. khoz. Kazakh. 10 no. 5:56-59 My '61.

AGRICULTURE

(see also subdivision under Azerbaijan; Caucasus, Northern, Chuvashia; Czechoslovakia; Europe, Eastern, Georgia; Gorodskiy District; Japan; Kazakhstan, Kirovograd Province; Komi A. S. S. R.; Krasnodar Territory, Kulunda Steppe; Mar'inka District; Moscow Province; Novosibirsk region; Pakistan, Panfilov District; Pavino District, Rostov Province; Semipalatinsk Province; Serpukhov District; Southern Bug Valley; Soviet Central Asia; Tula Province; Ukraine; Uzbekistan; Virgin Territory; Voronezh Government)

Anisimov, N. I. [Further development of agriculture] Dal'neishii pod"em sel'skogo khoziaistva. Moskva, Izd-vo "Znanie," Vses. ob-va po raspr. polit. i nauchn. znanii, 1961. 30 p. (Narodnyi universitet kul'tury)

Bonuses to the best rural workers. Komsom. zhizn' no. 17:20-22 S '60.

Borodin, I. A. [Specialization and concentration in socialist agriculture] Spetsializatsiia i kontsentratsiia sotsialisticheskogo sel'skokhoziaistvennogo proizvodstva. Moskva, Izd-vo "Znanie," 1961. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 5, Sel'skoe khoziaistvo, no. 8)

Collected works of a Bolshevik and follower of Lenin ("Selected works" by A. G. Shlikhter. Reviewed by I. P. Lavrov. Ukr. ist. zhur. 4 no. 2 154-157 Mr-Ap '60.

Expanding the use of liquefied gases for the gasification of the agricultural areas of the country. A. I. Sorokin. Gaz. prom. 6 no. 5:14-17 My '61.

[For high standards in agriculture] Za kul'turu semledeliia. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 78 p. (Bibliotechka sel'skogo klubnogo rabotnika)

For our people ("Raising the standard of living and problems concerning our further efforts to increase the output of agricultural products" by N. S. Khrushchev. Reviewed by V. Popov). Part. zhizn' no. 11:73-77 Je '61.

For our people ("Raising the standard of living and problems concerning our further efforts to increase the output of agricultural products, collected speeches" by N. S. Khrushchev. Book review). Polit. samoobr. 5 no. 6:115-119 Je '61.

Let's have more meat, milk, vegetables, and fruit. I. Soldatenkov, A. Dubov. Sots. obesp. 22 no. 5:32-34 My '61.

Lobanov, P. P. [Contribution of agricultural research to practice] Sel'skokhoziaistvennaia nauka - praktike. Moskva, Izd-vo "Znanie," Vses. Ob-va po raspr. polit. i nauchn. znanii, 1961. 30 p. (Narodnyi universitet kul'tury, Sel'skokhoziaistvennyi fakul'tet, no. 2)

Make better use of our farmland. V. Solnikov. Kommunist 38 no. 9:48-57 Je '61.

Participation of Communist Youth League organizations in carrying out decisions of the December Plenum of the Central Committee of the CPSU, an account of S. P. Pavlov's report. Komsom. zhizn' no. 4:3-9 F '60.

Participation of Communist Youth League organizations in carrying out decisions of the December (1959) Plenum of the Central Committee of the CPSU "On the further development of agriculture"; decision of the Seventh Plenum of the Central Committee of the Communist Youth League. Komsom. zhizn' no. 4:10-21 F '60.

Pledges must be fulfilled. Komsom. zhizn' no. 18:11-12 S '60.

A problem of national importance. Nar. nav. no. 2:3-7 F '61.

Problems facing geologists in connection with the resolutions of the January Plenum of the Central Committee of the CPSU. Razved. i okh. nedr 27 no. 3:1-3 Mr '61.

Seleznev, F. IA. [Agricultural planning] Planirovanie sel'skokhoziaistvennogo proizvodstva. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 36 p. (Dlia slushatelei sel'skikh nachal'nykh shkol i kruzhkov. Tema 2) (DA)

Soviet agriculture, based on the materials of the January Plenum of the Central Committee of the CPSU. A. Gnev, S. S. Kabysh. Mat. i soob. Issl. otd. Inst. po izuch. SSSR no. 24:15-47 '61.

AGRICULTURE—ABSTRACTS

[Agriculture; classed index of articles in foreign periodicals.] Sel'. khoz. ;ist. ukaz. st. v inostr. zhur. nos. 3-6 '61.

AGRICULTURE—ACCOUNTING

(see also subdivision under Chkalovskiy District; Tuva Autonomous Province)

Expand socialist competition among accountants. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 5:2-4 My '61.

Experimental model farms are the accounting and finance organizers on collective and state farms. M. F. Kurmanskii. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 6: 15-17 Je '61.

Sealed book for seed accounting. N. N. Zhivilin. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 6:53-57 Je '61.

"Uchet i finansy v kolkhozakh i sovkhozakh." M. Pizengol'ts. Bukhg. uchet 18 no. 5:74-77 My '61.

AGRICULTURE—ACCOUNTING—BIBLIOGRAPHY see Bibliography—Agriculture—Accounting

AGRICULTURE—AUDITING AND INSPECTION
(see also subdivision under Shortandy District)
Necessary book ("Auditing administrative and financial operations of agricultural enterprises" by S G Ovsiannikov, P A Kostiuk Reviewed by V G Kolevich) Uchet i fin. v kolkhoz. i sovkhoz 18 no 5:58-59 My '61

AGRICULTURE—BIBLIOGRAPHY see Bibliography—Agriculture

AGRICULTURE—COSTS
(see also subdivision under Tyumen' Province)
Costs classification of an agricultural enterprise A P. Varava. Uchet i fin v kolkhoz i sovkhoz 18 no 5 47-51 My '61

AGRICULTURE—ECONOMIC ASPECTS
(see also subdivision under Kursk Province, United States)
Main results of the scientific work of the institute in 1959. A. V Solov'ev, V. B Zhmuida. Dokl i soob VNIESKH no. 8 3-12 '60.
Tikhomirova, T. S. [Materials concerning Ryazan Government in the manuscripts of K. Marx and in V. I. Lenin's work "The development of capitalism in Russia"] Materialy o Riazanskoi gubernii v rukopisiakh K. Marksa i v proizvedenii V. I. Lenina "Razvitie kapitalizma v Rossii." [Riazan'] Riazanskoe knizhnoe izd-vo, 1960. 61 p.
V I Lenin on the forms of and trends in economic relations between cities and villages during the transition from capitalism to socialism K. V Volkov. Uch zap TGU no 31 56-92 '59.
V. I Lenin on the nature of economic relations between cities and villages during the transition from capitalism to socialism K. V. Volkov Uch zap. TGU no 31 39-55 '59.

AGRICULTURE—ECONOMIC ASPECTS—BIBLIOGRAPHY see Bibliography—Agriculture—Economic aspects

AGRICULTURE—EXPERIMENTATION
(see also subdivision under Gorkiy Province, Kurgannaya District, Leningrad Province)
Let's develop in every possible way the agricultural experimentation of students S V Shchukin Sov pedag 25 no 4 25-34 Ap '61
Use of physiological indices in agriculture [with summary in German]. A. Arland. Fiziol. rast. 7 no. 2:160-169 '60.

AGRICULTURE—FINANCE
(see also subdivision under Voronezh Province)
Conferences and seminars. Den i kred. 19 no. 5:94-96 My '61.
Experimental model farms are the accounting and finance organizers on collective and state farms. M. F. Kurmanskii. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 6: 15-17 Je '61.
Give efficient aid to agricultural development. Den. i kred. 19 no 5:3-9 My '61.
"Uchet i finansy v kolkhozakh i sovkhozakh" M Pizengol'ts Bukhg uchet 18 no 5 74-77 My '61
Working capital of agricultural enterprises. M. Z. Pizengol'ts. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 6:38-44 Je '61.

AGRICULTURE—HYGIENIC ASPECTS
(see also subdivision under Moscow Province)
On the problem of sanitary and hygienic labor conditions for school children during agricultural work. B. O. Ryvkin. Gig. i san. 25 no 7 92 Jl '60

AGRICULTURE—LABOR PRODUCTIVITY
Calculating the expenditure of human labor. F. Gavrilov. Tekh. v sel'khoz. 20 no. 4:5-10 Ap '60.
Higher labor productivity helps to increase the production. A. Tikhonov. Sel'. mekh. no. 5:12-14 '61.

AGRICULTURE—PERIODICALS
A review of the periodicals published by local agricultural societies from 1830 to 1860 B. V. Tikhonov. Probl. istoch. no. 9:92-162 '61.

AGRICULTURE—SAFETY MEASURES
Medved', L. I. [Worker hygiene in the chemical treating of seeds in agriculture] Gigiena truda pri protravlivanii semian sel'skokhoziaistvennykh kul'tur. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 89 p. (Nauchno-populiarnaia meditsinskaia literatura) (DNLM)
Uniform safety requirements. N. Bulgakov Pozh. delo 7 no 3:13 Mr '61.

AGRICULTURE—STUDY AND TEACHING
(see also subdivision under Gorkiy Province; Kurgan; Stavropol Territory; Tambov Province; Tashkent)
Let's help field laborers get a higher education. N. P. Tret'iakov. Vest vys. shkoly 19 no 5:34-41 My '61.
Nation-wide effort required Khim. v shkole 16 no. 3: 3-7 My-Je '61
Planning work in a student brigade A. Tubianskii Nar obr no 5 41-46 My '61.
Training of qualified personnel in rural secondary schools with work training N Liakhov, E. Abrosimova, E Pronskii Shkola i proizv 5 no 5 15-26 My '61

AGRICULTURE, COOPERATIVE see subdivision under Germany, East, Hungary, Korea, North, Mongolia

AGUL RIVER—SALMON
Development of Brachymystax lenok (Pallas) I I Smol'ianov Vop ikht 1 no 1:136-148 '61.

AINSWORTH BAY, ANTARCTICA—GRANITE
Granites in the coastal area of Ainsworth Bay (George V Coast). L. V. Klimov. Trudy NIIGA 113:123-146 '60.

AIR—MICROBIOLOGY
(see also subdivision under Lvov)
Bactericidal action of ultraviolet rays on airborne microflora V N Nurmatov Med zhur Uzb no 3 67-69 Mr '61

AIR—POLLUTION
Analysis of atmosphere containing various toxic mixtures V. V. Kustov, L. A. Tumov Gig. i san. 25 no. 7 92-93 Jl '60
Comparative study of a continuous and intermittent actions of volatile nonelectrolyte poisons, on the problem of norms for harmful substances in the air in an industrial environment [with summary in English] N A Tolokontsev Gig i san. 25 no 3 29-35 Mr '60.
Determination of small concentrations of lead and tetraethyl lead in the air and in other media during hygienic investigations (in connection with the leading of gasoline). V A Khustaleva Gig. i san 25 no. 3 57-60 Mr '60
Effect of sulfur dioxide in the air on certain biochemical indicators of human blood [with summary in English]. E V Efimova, V S Shashkov Gig i san. 25 no 3 19-22 Mr '60
Indexes of maximum permissible concentrations of harmful substances in the air of settled areas. Gig i san 25 no 3 123 Mr '60
"Pollution of the air with carcinogenic 3, 4-benzopyrene" by L M Shabad, P P. Dikun Reviewed by V. M. Bergol'ts Sov zdrav. 20 no 1 82-84 '61
Sanitary and hygienic conditions of labor in working with polymethylmethacrylate. S. E. Sandratskaia. Gig. i san 25 no. 7 74-76 Jl '60.
Toxicological characteristics of liquid wastes of tar paper production [with summary in English]. Z. E. Grigor'ev. Gig. i san. 25 no. 7 31-36 Jl '60.
What is going to happen to the sky? This problem worries the scientists today. A. E. Arbuzov. Tekh. mol. 29 no. 4:24-25 Ap '61.

AIR, IONIZED see subdivision under Kiev

AIR, IONIZED—THERAPEUTIC USE
Ionized air treatment. S. M. Finogenov. Nauka i zhyttia 11 no. 4 48-50 Ap '61.

AIR BLADDER (IN FISHES)
European species of the family Ophidiidae and functional significance of structural features of the airbladder in these species. A. N. Svetovidov. Vop. ikht. no. 17:3-19 '61.
Formation and secretion of gases in the air bladder of fish. K. P. Ivanov, N. V. Gurskaia. Priroda 50 no. 6: 107-108 Je '61.

AIR BRAKES
Improving the safety valve. V. Ermakov. Avt. transp. 39 no. 5:53 My '61.

AIR COMPRESSORS
Khomitsevich, K. I. [Pneumatic equipment in mines] Rudnichnye pnevmaticheskie ustanovki. Khar'kov, Izd-vo Khar'kovskogo gos. univ., im. A. M. Gor'kogo, 1960. 255 p.
[MICROFILM]
Method for regulating the productivity of a centrifugal air compressor. M. T. Stoliarskii. Gaz. prom. 6 no. 5: 41-45 My '61

AIR ENGINES
Determination and design of the basic parameters of a pneumatic locomotive. I. P. Filatlenkov, V. G. Shorin. Nauch. rab. stud. GNSO MGI no. 7:141-150 '59.

AIR FILTERS
VM-16 and VPM-3 air filters. V. Panfilov. Avt. transp. 39 no. 5:46-47 My '61.

AIR MAIL SERVICE
Extend and improve the transportation of printed matter and mail by plane. Raspr. pech. no. 3:19-20 Mr '61.

AIR PILOTS
Everyday life of airmen ("10,000 hours in the air" by P. M. Mikhailov). N. Arakelian. Grazhd. av. 18 no. 5:32 My '61.
Leap from 7,000 meters without a parachute. T. Kruglova. Nauka i zhizn' 28 no. 4:43 Ap '61.

AIRFOILS
Beginning of systematic investigations of airplane wings and airfoils (1910-1917). N. M. Merkulova Trudy Inst ist. est. i tekh 38:250-280 '61.

AIRLINES—TIMETABLES
Summer timetable of flights. Grazhd. av. 18 no. 5:9 My '61.

AIRPLANES
A giant airplane. Grazhd. av. 18 no. 5:17 My '61.

AIRPLANES—DESIGN AND CONSTRUCTION
Rating of external loads acting on an airplane (1911-1918) V. N. Sokol'skii Trudy Inst. ist est i tekh 38:192-200 '61

AIRPLANES—ELECTRIC EQUIPMENT
Cadets must develop practical habits L. F. IAkanin Vest. Vozd Fl no 12:74-75 D '60

AIRPLANES—ELECTRIC WIRING
Calculation of short-circuit currents in three-phase aircraft systems. M. V Gutovskii, A. V. Kamenskii. Izv. vys. ucheb. zav.; energ. 4 no. 4:12-17 Ap '61.

AIRPLANES—FUEL CONSUMPTION
Fuel consumption in flight (to be continued) V. S. Pyshnov. Vest Vozd. Fl. no 12:55-62 D '60

AIRPLANES—JET PROPULSION
Aerodynamics of an airplane with deviated gas jet of the jet engine. G. I. Andrenko. Izv. vys. uchob. zav., av. tekh. 3 no. 2:3-13 '60.

AIRPLANES—LANDING
Each error must be eliminated in time V V. Kovalev Vest. Vozd Fl. no. 12:44-45 D '60

AIRPLANES—MAINTENANCE AND REPAIR
Don't stop halfway.. P M Bram. Vest Vozd Fl no 12 46-47 D '60.
Maintenance. P. Pavlov. Grazhd. av. 18 no. 5:17-19 My '61.
Seven hours of labor. Grazhd. av. 18 no. 5:4-5 My '61.
We too have our suggestions I S. Mamet Vest. Vozd Fl. no 12:48-49 D '60.

AIRPLANES—MODELS
Babaev, N. A., and others. [Airplane modeling; manual for makers of airplane models and instructors of circles for the first and second training year] Aviatsionnyi modelizm; uchebnoe posobie dlia aviamodelistov i rukovoditelei kruzhkov pervogo i vtorogo godov obucheniia. Izd. 2., perer. i dop. Pod obshchei red. E. B. Mikirtumova. Moskva, Izd-vo DOSAAF, 1960. 286 p.

AIRPLANES—NACELLES
For you, passengers. Grazhd. av. 18 no. 5 18 My '61.

AIRPLANES—PILOTING
Low-altitude target approach I. B Kachorovskii. Vest. Vozd. Fl. no 12: 31-31 D '60
My first spin. B. N Kudrin Vest Vozd. Fl no. 12: 69-72 D '60.

AIRPLANES—RADIO EQUIPMENT
Regulating the radio comparator. N. S. Vashchenko Vest. Vozd. Fl. no. 12:73-74 D '60.

AIRPLANES—TAKE-OFF
Vertical take-off of an airplane. NTO 3 no. 5:62 My '61.

AIRPLANES—TECHNOLOGICAL INNOVATIONS
Research and innovations. Grazhd. av. 18 no. 5:26-27 My '61.

AIRPLANES—TIRES
Treads for airplane tires reinforced with nylon cord. Kauch. i rez. 20 no. 4:64 Ap '61.

AIRPLANES—TURBINE-PROPELLER ENGINES
Negative thrust. A. Kuznetsov. Grazhd. av. 18 no. 5:26-27 My '61.

AIRPLANES—WINGS
Beginning of systematic investigations of airplane wings and airfoils (1910-1917). N. M. Merkulova. Trudy Inst ist. est. i tekh. 38:250-280 '61.

AIRPORTS see subdivision under Adler; Georgia

AJMALINE
Pharmacology of a new antiarrhythmia substance -- ajmaline. E. I. Gendenshtein, IA. I. Khadzhai. Farm. i toks. 24 no. 1:49-57 Ja-F '61.

AKIMOV, GEORGII VLADIMIROVICH, 1901-1961
In memory of Georgii Vladimirovich Akimov, corresponding member of the Academy of Sciences of the U. S. S. R. Zhur. fiz. khim. 35 no. 4:963-964 Ap '61.

ALGAE
(see also subdivision under Feodosiya region, Kazakhstan; Sivash; Soviet Central Asia; Tashkent Province)

Principal achievements and tasks in the study of soil algae N V Kondrat'eva Ukr bot zhur 18 no 2 3-10 '61.

Role of algae in soil formation N N Bol'shev Vest Mosk un Ser 6 Biol , pochv 16 no 2 67-75 Mr-Ap '61

Study of kinetic features of UI and UX_1 accumulation by representatives of green, brown, and red algae G. G. Polikarpov, V S Ten Nauch dokl vys shkoly, biol nauki no 2 116-119 '61

ALGAE—CULTURES AND CULTURE MEDIA
Effect of different nitrogen sources on growth and mass accumulation in Chlorella pyrenoidosa [with summary in English], V. V. Pinevich, N. N Verzilin, IU I Maslov Vest. LGU 16 no. 9 16-25 '61

ALGAE—TOXICOLOGY
Causes of a carp disease in the Volga Delta, M. S. Kun, D. L. Teplyi, T. V. Astakhova. Vop. ikht. no. 17 159-168 '61.

ALGAE, FOSSIL
(see also subdivision under Kuznetsk Basin)

Are Sycidium and Chovanella the utricles of Charophyta? V. P. Maslov Dokl AN SSSR 138 no 3,677-680 My '61

Some Devonian algae of Central Asia and other regions of the U. S. S. R. and their rock-forming and paleogeographic significance. A. D Mikhukho-Maklai Dokl AN SSSR 138 no. 3 655-658 My '61

ALGEBRA
Faddeev, D. K., and I. S. Sominskii. [Algebra for self-instruction] Algebra dlia samoobrazovaniia. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1960 529 p.

ALGEBRA—CONGRESSES
Third All-Union Colloquy on General Algebra. Usp mat nauk 16 no 2 197-239 Mr-Ap '61

ALGEBRA—STUDY AND TEACHING
Preparing students for the conscious assimilation of knowledge during algebra lessons in grade 6. F D. Pesina. Uch zap Chel gos ped inst 6 no 1 132-151 '59

ALGEBRA—TEXTBOOKS
(see also subdivision under United States)

New edition of A. N. Barsukov's textbook "Algebra." S. I. Novoselov. Mat. v shkole no. 3:5-9 My-Je '61.

ALGERIA—FOREIGN RELATIONS—FRANCE
Dangers of neocolonialism Pierre Cot. V zashch mira no 5 4-7 My '61

ALGERIA—POLITICS AND GOVERNMENT
Algeria and France's allies. I. Chelnokov. Mezhdunar. zhizn' 8 no. 6.120-122 Je '61.

Bois d'Avault and Evian. Vadim Listov. Nov vrem. 19 no. 23:8-9 Je '61

ALGERIA—STUDENTS' SOCIETIES
Students' life. Vsem. stud. nov. 15 no. 1:23-24 Ja '61.

ALGORISM
Certain algorisms for the solution of the complete problem of eigenvalues. V. N. Kublanovskaia Dokl. AN SSSR 136 no. 1:26-28 Ja '61.

ALI SHIR, MIR, Called Al-Nawa'i, 1441-1501
Alisher Navoi and the Renaissance in the literatures of the East. V M Zhirmunskii Uch zap LGU no. 299: 86-97 '61

Borovkov, A. K. ["Bada'i' al-lugat; dictionary by Tali' Imani of Herat for the works of Alisher Navoi] "Bada'i' al-lugat; slovar' Tālī' Īmānī Geratskogo k sochineniiam Alishera Navoi. Moskva, Izd-vo vostochnoi lit-ry, 1961. 264, 180 p. [In Russian and Persian]

ALIMENTARY CANAL
"Absorption in the digestive apparatus" by R. O. Faller'berg Reviewed by A. V. Solov'ev. Fiziol. zhur. 47 no 3:414-415 Mr '61

ALIMENTARY CANAL—DISEASES
Classification of gastrointestinal diseases in children. A. L. Libov. Pediatriia no. 5.79-80 '61.

ALIMENTARY CANAL—INNERVATION
Structure of intramural nerve plexuses of the human alimentary canal during the embryonic period [with summary in English]. N. G. Kolosov. Vest. LGU 16 no. 9:61-71 '61.

ALKALI LANDS see subdivision under Iraq

ALKALI METAL HALIDES
Characteristics of the electric conductivity isotherms of monovalent salts in solutions of low dielectric constant [with summary in English]. A. M. Sukhotin, E. M. Ryzhkov. Zhur. fiz. khim. 34 no. 4:762-767 Ap '60.

ALKALI METAL OXIDES
Investigation of the surface of an alkali promoter of the ammonia catalyst by means of the isotopic method S Z Roginskii, IU E Sinitsk, M I IAnovskii. Probl kin i kat 10 210-213 '60

ALKALI METALS—MAGNETIC PROPERTIES
Magnetic resonance in sodium alloys. N. S. Garif'ianov, A. V. Il'iasov. Fiz. met i metalloved. 9 no. 4 503-506 Ap '60

ALKALIES
Effect of the concentration and nature of alkali on oxygen overvoltage on a nickel anode IA I Turian, A I Zinman. Dokl AN SSSR 136 no 5:1154-1157 F '61

ALKALINE EARTH METALS—ANALYSIS
Detection and separation of sulfates of alkaline earth metals. S N Zlotskii Izv vys. ucheb. zav., khim i khim tekh 4 no 2 317-318 '61.

ALKALINE EARTH SULFATES
Detection and separation of sulfates of alkaline earth metals S N Zlotskii Izv vys ucheb zav., khim i khim tekh 4 no 2 317-318 '61

ALKALINE EARTHS
Investigation of the surface of an alkali promoter of the ammonia catalyst by means of the isotopic method S Z Roginskii, IU. E. Sinak, M. I IAnovskii. Probl kin i kat 10,210-213 '60

ALKALOIDS
Effect of some factors on the formation of solasodiene during the hydrolysis of the glycoalkaloids of Solanum aviculare. A. S Lahenskii, N I Koretskaia. Med. prom. 15 no 3 41-42 Mr '61

5-oxytryptamine from Hippophae rhamnoides as an antitumorigenic preparation in experiments on animals [with summary in English] E. Ch Pukhal'skaia, M. F. Petrova G. P Men'shikov. Biul eksp biol i med. 50 no. 10 105-109 O '60

Synthetic studies of curare alkaloids Part 7 Synthesis of 2-methoxy-4-(β-acylaminoethyl)-2'-alkoxy-5'-carbalkoxymethyldiphenyl esters G N Tolkachev and others Zhur ob khim 31 no 5 1510-1515 My '61

ALKANES see Paraffins

ALKYLATION
Alkylation of alkanesulfamides Part 1 Alkylation of alkanesulfamides with secondary alcohols S I Burmistrov, V I. Markov Zhur ob khim 31 no. 5 1665-1668 My '61

Comparative study of the influence of X-rays, cortisone, alkylating agents and 9,10-dimethyl-1, 2-benzathracene on the growth heterologous tumors [with summary in English], IU. M. Vasil'ev, A. M Garin. Pat. fiziol. i eksp. terap. 5 no. 2:10-13 Mr-Ap '61

Dealkylation of mesitylene and conjugated alkylation of benzene and toluene in the presence of synthetic aluminosilicates A V Topchiev, G. M Mamedaliev, I S Kovaleva Izv AN SSSR. Otd khim nauk no. 5:868-876 My '61

Laws governing the substitution of alkyl groups for hydrogen atoms in the benzene nucleus. Part 8 Orientation of the alkyl groups in the catalytic alkylation of benzene in the presence of acid catalysts [with summary in English] I. A. Alekseeva and others. Zhur. fiz. khim 34 no. 4 726-733 Ap '60.

Organosilicon compounds with hydrocarbon bridges between silicon atoms. Alkylation of ω-cyanoalkyltrimethylsilanes by halomethyltrimethylsilanes. V. M Vdovin and others Dokl AN SSSR 138 no. 1:831-834 Je '61

ALL-UNION COMMUNIST PARTY (BOLSHEVIK) see Communist Party of the Soviet Union

ALLANITE see subdivision under Trans-Ili Ala-Tau

ALLERGY
"Allergic manifestations in the middle ear" (from "Ceskoslov. otolar.," vol. 5, 1956). Reviewed by E N. Novik. Zhur. ush., nos. i gorl. bol. 20 no. 1: 84 Ja-F '60.

Antiallergic activity of pituitary extracts and hormones [with summary in English]. D. E. Al'pern. Pat. fiziol. i eksp. terap. 4 no 2 12-16 Mr-Ap '60.

Desensitizing effects of rhodamine derivatives [with summary in English]. V. I. Zapadniuk, E. A. Zakharila. Farm. i toksi. 24 no. 1:33-36 Ja-F '61.

Diuretic changes in anaphylaxis. V. S. Kiselev. Pat. fiziol i eksp terap. 4 no. 2:66 Mr-Ap '60.

Dynamics of change in the titer of complement in guinea pigs in anaphylactic shock and in conditions of shock inhibition with dimedrol [with summary in English]. V. K. Kozlov, Z. S. Kalashnikova. Biul. eksp. biol. i med. 51 no. 1:68-70 Ja '61.

Effect of corticosteroid therapy on serum proteins, blood cholesterol and eosinophil count in various allergic diseases. E. M. Abdel'vakhab. Probl. endok. i gorm. 7 no. 2:58-62 Mr-Ap '61.

Effect of serum sensitization on conditioned secretory food reflexes in dogs [with summary in English]. Kh. M. Markov. Zhur. vys. nerv. deiat. 10 no. 2:236-240 Mr-Ap '60.

Lowered tuberculous allergy of the skin in adolescents receiving large peroral doses of BCG S D Papoirish Probl tub 39 no 3 23-28 '61

Pathogenic and therapeutic significance of desensitization T G Pashaev Dokl. AN Azerb SSR 17 no 3, 243-248 '61.

Role of allergy in the appearance of tuberculous cavities of the lung in dogs I M Bondarev Probl tub. 39 no 3 80-88 '61

Significance of sensitization and desensitization in keratoplasty [with summary in English]. D. G. Bashmich, T. U. Gorgiladze. Oft. zhur. 16 no. 3:149-156 '61.

ALLIED INTERVENTION, 1918-1920 see subdivision under Turkestan

ALLOYS
Alisova, S. P., and others. [Phase diagrams of metallic systems published in 1955] Diagrammy sostoianiia metallicheskikh sistem, opublikovannye v 1955 godu. Pod red. N. V. Ageeva, Moskva.
No. 1. 1959. 134 p.

Alisova, S. P., and others. [Phase diagrams of metallic systems, published in 1956] Diagrammy sostoianiia metallicheskikh sistem; opublikovannye v 1956 godu. Pod red. N. V. Ageeva. Moskva.
No. 2. 1959. 102 p.

ALLOYS—ANALYSIS
Determining zinc in alloys by EDTA analysis T. I ul'ina, V. Nar'chevskii. Poligr proizv no. 4:17 Ap '61

ALLOYS—ELECTRIC PROPERTIES
Investigating the kinetic curves of electric resistance in ordering alloys. N. V. Volkenshtein, IU. N. TSlovykin. Fiz. met. i metalloved. 9 no 4.627-630 Ap '60.

ALLOYS—HEAT TREATMENT
Investigating the effect of ultrasonic waves on results in the heat treatment of alloys. V. S. Meshkin, E. A. Al'ftan. Fiz. met. i metalloved. 11 no. 4 533-544 Ap '61.

ALLOYS—METALLOGRAPHY
Calculating the distribution of a quantity of spherical particles or grains in alloys. I Likesh, I Chadek Zav lab. 27 no. 5.565-568 '61

Effect of local microheterogeneous deformations of a real polycrystalline alloy on the deformation of the entire specimen in the elastic region A V Gurlev. Fiz met i metalloved. 11 no 2:318-319 F '61.

Effect of segregation surfaces on the diffusion in metals. V. T. Borisov, V. M. Golikov, G. V. Shcherbedinskii. Fiz. met. i metalloved. 11 no. 5:709-713 My '61.

Electronographic investigation of metastable phases in Au-Sb, In-Sb, In-Bi, In-Bi-Sb alloys L S Palatnik, V. M. Kosevich, I. V Tyrina Fiz met i metalloved 11 no. 2:229-235 F '61.

Kinetics of reaction diffusion in binary systems. N. M Rodigin Fiz. met. i metalloved 11 no. 2:240-246 F '61.

Microheterogeneity in metal alloys. V. M. Vozdvizhenskii. Fiz. met. i metalloved 11 no. 2:309 311 F '61.

ALLOYS—THERMAL PROPERTIES
Effect of heat treatment on the thermal stability and aging of the IU16 alloy. N. I. Lapkin, G. V. Krasnoperov. Fiz. met. i metalloved. 11 no. 5:693-697 My '61.

Investigating the effect of aging on the heat conductivity of the EI607A alloy. R. E. Krzhizhanovskii. Fiz. met. i metalloved. 11 no. 5:741-745 My '61.

Thermodynamic theory of systems with additional parameters. V. T. Shmatov. Fiz. met. i metalloved. 11 no. 2:170-180 F '61

ALLUVIAL LANDS see subdivision under Angara Valley; Volga Valley

ALLUVIUM see subdivision under Central Russian Upland; Yenisey Valley

ALMA-ATA—CLOTHING INDUSTRY—LABOR PRODUCTIVITY
A high title imposes obligation. N. Pozdnukhov. Nar. khoz. Kazakh. 19 no 5:34-38 My '61.

ALMA-ATA—MACHINE-TOOL INDUSTRY—TECHNOLOGICAL INNOVATIONS
A public designing office. G. Sultanov, A. Mukhanov. Nar. khoz. Kazakh. 19 no. 5:45-57 My '61.

ALMA-ATA ECONOMIC REGION—AGGREGATES (BUILDING MATERIALS)
The Alma-Ata keramzit. V. Polarkov, N. Parfil'ev. Nar. khoz Kazakh. 19 no. 5:29 My '61.

ALMA-ATA PROVINCE—FARM MECHANIZATION
Machine operators' wages. A. IUgai. Nar. khoz. Kazakh. 19 no. 5:56-59 My '61.

ALMA-ATA REGION—DESCRIPTION AND TRAVEL
[Alma-Ata and its vicinity] Alma-Ata i ego okresinosti. [Alma-Ata, 1960] 20 p.

ALMOND see subdivision under Daghestan

ALPHA RAYS

CsI(Tl) Scintillators for recording α particles. L. M. Belaev, A. B. Gil'varg, V. P. Panova. Atom. energ. 10 no. 5 502-503 My '61.

Method of detecting α particles and fission fragments with a scintillation counter in the presence of a strong β- or γ-background. V. K. Voitovetskii, I. L. Korsunskii. Atom. energ. 10 no. 5, 505-506 My '61.

ALPHA RAYS—PHYSIOLOGICAL EFFECT

Effect of Naftalan petroleum extract on changes in the epidermis after local α-irradiation [with summary in English]. I. L. Leites, L. V. Furshtein. Biul. eksp. biol. i med. 51 no. 3:121-125 Mr '61.

ALTAI—MATHEMATICS—STUDY AND TEACHING

Valuable initiative of the Altaians. Mat. v shkole no. 3: 86-87 My-Je '61.

ALTAI MOUNTAIN REGION—GOLD ORES

Characteristics of the formation of gold ores in the northeastern Altai and adjacent areas of the Kuznetsk Ala-Tau [with summary in English]. IU. G. Sherbakov. Geol. i geofiz. no. 12:3-12 '60.

ALTAI MOUNTAIN REGION—SEDIMENTS (GEOLOGY)

Spore and pollen spectra of Quaternary sediments of the Altai foothills. O. V. Matveeva. Izv. Sib. otd. AN SSSR Geol. i geofiz. no. 1:72-83 '58.

ALTAI MOUNTAINS—CARP

Materials on the systematics of fishes of the genus Oreoleuciscus Warpachowski of the Altai. V. V. Kafanova. Vop. ikht. 1 no. 1:9-18 '61.

ALTAI MOUNTAINS—GEOLOGY

Analysis of Paleozoic geological formations in the eastern Altai-Sayan area and their tectonic features [with summary in English]. L. P. Zonenshain, G. A. Kudriavtsev, A. A. Mossakovskii. Geol. i geofiz. no. 12:13-23 '60.

ALTAI MOUNTAINS—GEOLOGY, STRUCTURAL

Quaternary tectonics of the Altai. V. P. Nekhoroshev. Mat. VSEGEI. Chet. geol. i geomorf. no. 2:161-177 '59.

ALTAI MOUNTAINS—GLACIAL EPOCH

Quaternary glaciation of the southern Altai. IU. P. Selivanov. Mat. VSEGEI. Chet. geol. i geomorf. no. 2,147-160 '59.

ALTAI MOUNTAINS—GOLD ORES

Some characteristics of gold mineralization in the Sinyukha deposit. IU. G. Shcherbakov. Geol. i geofiz. no. 2:16-30 '61.

ALTAI MOUNTAINS—GRANITE

Greisenized granite bosses in the Altai. A. N. Leont'ev, T. F. Boiko. Trudy Inst. min., geokhim. i kristallokhim. red. elem. no. 3:180-191 '59.

Late Hercynian granites of the Kalba type in the Gornyy Altai [with summary in English]. L. A. Mikhaleva. Geol. i geofiz. no. 2:31-46 '61.

ALTAI MOUNTAINS—MERCURY ORES

Mineralogical composition and genesis of ores in mercury deposits of the Kuray ore-bearing zone of the Gornyy Altai [with summary in English]. A. A. Tychinskii, V. I. Solnikov. Geol. i geofiz. no. 12:57-71 '60.

ALTAI MOUNTAINS—NONFERROUS METAL INDUSTRIES

On the expediency of mining low-grade ores. K. Utepov, B. Lostovetskii. Nar. khoz. Kazakh. 19 no. 5:60-64 My '61.

ALTAI MOUNTAINS—ORE DEPOSITS

Effusive and intrusive hypotheses on the genesis of complex ores of the Altai. P. F. Ivankin. Izv. Sib. otd. AN SSSR Geol. i geofiz. no. 1:113-117 '58.

The problem of small intrusion clusters and hydrothermal streams in pyrite-polymetallic ore fields of the Rudnyy Altai. P. F. Ivankin. Dokl. AN SSSR 138 no. 4:897-899 Je '61.

Role of the lithostratigraphic control in the formation of complex metal deposits in the Gornyy Altai [with summary in English]. A. A. Tychinskii. Geol. i geofiz. no. 4:52-63 '61.

ALTAI MOUNTAINS—STRUEVERITE

Strueverite from pegmatites of the Mongolian Altai. N. E. Zalashkova, G. A. Sidorenko. Trudy Inst. min., geokhim. i kristallokhim. red. elem. no. 3:85-88 '59.

ALTAI TERRRITORY—FARM MECHANIZATION

To the front positions. A. Novichkov, N. Ushatikov. IUn. tekh. 5 no. 5:14-16 My '61.

ALTAI TERRITORY—GLACIERS

Hilly ranges on glaciers. P. M. Shvedov, G. A. Avsiuk. Priroda 50 no. 6:113 Je '61.

ALTAI TERRITORY—THAWING

Possibility of long-range forecasts of the melting of the snow cover in northern Kazakhstan and the foothills of the Altai. K. N. Poltakova. Trudy TSIP no. 99:124-131 '61.

ALTAI TERRITORY—TRACTOR INDUSTRY

At the Altai Tractor Plant. A. Nezin. Sel'. mekh. no. 5: 8-9 '61.

ALTAI TERRITORY—WATER, UNDERGROUND

Filatov, K. V. [Features of the chemical composition of the underground waters of the Altai Territory and their relation to the surface waters] Osobennosti khimicheskogo sostava podzemnykh vod Altaiskogo kraia i ikh sviaz' s poverkhnostnymi vodami. Moskva, Izd-vo Akad. nauk SSSR, 1961. 48 p.

ALTITUDE, INFLUENCE OF

Influence of high altitudes on the protein composition of human blood [with summary in English]. F. P. Smolichev. Biul. eksp. biol. i med. 50 no. 10 78-82 O '60.

ALTITUDES see subdivision under Komsomol'skaya Station, Antarctica

ALUMINA

Adsorptive properties of aluminosilicates and alumina gel. K. G. Krasil'nikov, V. F. Kiselev. Probl. kin. i kat. 10 121-125 '60.

Phase composition and texture of alumina-chromium oxide catalysts prepared by coprecipitation. A. M. Rubinshtein, A. I. Klinchko-Gurvich, V. M. Akimov. Izv. AN SSSR Otd. khim. nauk no. 5:760-768 My '61.

Reactivity of catalysts. Go Si-e-sion', Se An'-khuei, Guo Chzhun-zhu. Probl. kin. i kat. 10 435-443 '60.

Surface chemical compounds of boron fluoride on aluminum oxide and their role in catalysis. Part 2 [with summary in English]. T. V. Antipina, E. M. Cherednik. Zhur. fiz. khim. 35 no. 4:838-841 Ap '61.

X-ray and magnetochemical study of coprecipitated $NiO-Al_2O_3$ catalysts. A. M. Rubinshtein, V. A. Akimov, A. A. Slinkin. Probl. kin. i kat. 10 95 '60.

ALUMINATES

Reaction of aluminates with calcium sulfate and calcium chloride. P. F. Konovalov, E. I. Morozov. Zhur. prikl. khim. 34 no. 3:675-676 Mr '61.

ALUMINOSILICATES

Adsorptive properties of aluminosilicates and alumina gel. K. G. Krasil'nikov, V. F. Kiselev. Probl. kin. i kat. 10 421-425 '60.

Nature of the acidity of aluminosilicate cracking catalysts. K. V. Topchieva. Probl. kin. i kat. 10,217-254 '60.

ALUMINOSILICATES—SPECTRA

Structure of an aluminosilicate catalyst [with summary in English]. Z. A. Markova, T. I. Andrianova. Zhur. fiz. khim. 35 no. 4:809-811 Ap '61.

ALUMINUM

Effect of aluminum on the structure and properties of titanium weld joints. S. M. Gurevich. Titan i ego splavy no. 1:205-208 '59.

Effect of electrolysis conditions on the formation and growth of anodic oxide films on aluminum [with summary in English]. F. P. Zalivalov, M. N. Tiukina, N. D. Tomashov. Zhur. fiz. khim. 35 no. 4:879-880 Ap '61.

Effect of the structure of titanium trichloride on the stereospecificity of complex catalysts. Part 1: Effect of the conditions under which catalysts based on β-$TiCl_3 + AlC_2H_5)_3$ were prepared under their stereospecificity in the polymerization of propylene [with summary in English]. A. A. Korotkov, I. I. TSzun-chan [Li Tsung-ch'ang]. Vysokom. soed. 3 no. 5:686-690 My '61.

Protective and decorative coatings for aluminum. M. P. Grachova, A. M. Ginberg. Mashinostroitel' no. 5:42 My '61.

Protective and decorative coatings for aluminum and its alloys. B. IA. Tomkina. Mashinostroitel' no. 5 30-31 My '61.

ALUMINUM—ANALYSIS

Direct fluorometric determination of aluminum with the aid of hematoxylin [with summary in English]. P. P. Solodovnikov. Zhur. anal. khim. 16 no. 2:237-240 Mr-Ap '61.

Polarographic determination of lead in a particularly pure aluminum. E. N. Vinogradova, L. N. Vasil'eva, K. Iobst. Zav. lab. 27 no. 6:625-627 '61.

ALUMINUM—CORROSION

Investigating the oxidation kinetics of liquid aluminum. A. IA. Radin. Trudy MATI no. 49:73-97 '61.

ALUMINUM—ELECTROMETALLURGY

Improvement of work conditions in the electrolytic production of aluminum. L. A. Bugarev. TSvet. met. 34 no. 5 37-43 My '61.

Interaction of barium chloride with cryolite melts and its effect on the process of the electrolytic refining of aluminum. A. I. Beliaev and others. TSvet. met. 34 no. 5:43-45 My '61.

ALUMINUM—METALLOGRAPHY

X-ray investigation of the layer-by-layer changes in the texture of thin, cold-rolled aluminum. B. A. Mishin. Fiz. met. i metalloved. 11 no. 4:575-587 Ap '61.

ALUMINUM—SPECTRA

Spectrochemical determination of small amounts of aluminum and silicon in niobium pentoxide [with summary in English]. T. M. Monoshkina, G. P. Malinin. Zhur. anal. khim. 16 no. 2:245-247 Mr-Ap '61.

ALUMINUM—WELDING

Fluxes for the automatic welding of aluminum. D. M. Rabkin. Avtom. svar. 14 no. 5 37-42 My '61.

ALUMINUM ALLOYS

Determination of sodium in aluminum alloys with the aid of a sodium glass electrode. R. S. Cherniak. Zav. lab. 27 no. 5 546-547 '61.

Letter to the editor. A. V. Shreider. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 2 334 '61.

Reply to A. V. Shreider's letter. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 2 334 '61.

ALUMINUM ALLOYS—CORROSION

Investigating the oxidation kinetics of liquid aluminum alloys. A. IA. Radin. Trudy MATI no. 49:90-110 '61.

ALUMINUM ALLOYS—ELECTRIC PROPERTIES

Effect of mechanical stresses on negative difference effects. V. V. Romanov. Trudy Inst. met. no. 4 244-249 '60.

ALUMINUM ALLOYS—HYDROGEN CONTENT

Determination of hydrogen content in aluminum alloys by the vacuum extraction method. A. P. Gudchenko, A. L. Leont'ev. Trudy MATI no. 49:137-159 '61.

ALUMINUM ALLOYS—WELDING

Electric welding of automobile parts made from aluminum alloys. T. Avilov. Avt. transp. 39 no. 4:26-27 Ap '61.

ALUMINUM CELL

Experiments with electrolytic rectifiers. I. I. Zemlianskii. Khim. v shkole 15 no. 2:47-49 Mr-Ap '60.

ALUMINUM COMPOUNDS

Electric conductivity of solution of KCl Al_2Br_6 - $C_6H_5NO_2$. I. S. Bigich, T. K. Timoshenko. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 2 180-182 '61.

Studying the stability of aluminum(III) complex compounds. N. N. Tavlov, A. R. Kuznetsov, G. A. Arbuzov. Izv. vys. ucheb. zav.; tekh. leg. prom. no. 3:25-28 '61.

ALUMINUM CRYSTALS

Effect of small additions of zinc on the preferred orientation of crystal growth from aluminum crystal melts. Fiz. met. i metalloved. 9 no. 4:535-541 Ap '60.

Evaluating the magnitude and disorientation of subgrains occurring during creep on the surface and inside of specimens. V. M. Rozenberg. Fiz. met. i metalloved. 9 no. 4,621-625 Ap '60.

Internal friction along aluminum grain boundaries. A. V. Grin'. Fiz. met. i metalloved. 9 no. 4:613-615 Ap '60.

ALUMINUM CRYSTALS—GROWTH

Mechanism of the growth of aluminum hydroxide crystals in the decomposition process of aluminate solutions. V. A. Dereviankin, S. I. Kuznetsov. TSvet. met. 34 no. 5 46-47 My '61.

ALUMINUM FLUOBORATE

Fluoborate catalyst for the ligneosization of cresols. M. Kraus, K. Kochloefl, V. Bažant. Probl. kin. i kat. 10 279-281 '60.

ALUMINUM FOUNDING

Formation of gas porosities in aluminum-silicon alloy castings. A. P. Gudchenko. Trudy MATI no. 49:120-136 '61.

Removal of scale from the lining of furnaces for melting aluminum. L. O. Sokolovskii. Lit. proizv. no. 6:41 My '61.

ALUMINUM INDUSTRY see subdivision under Zaporozh'ye

ALUMINUM INDUSTRY—TECHNOLOGICAL INNOVATIONS see subdivision under Zaporozh'ye

ALUMINUM-IRON ALLOYS see Iron-aluminum alloys

ALUMINUM-LITHIUM-MAGNESIUM ALLOYS see Lithium-magnesium-aluminum alloys

ALUMINUM-MAGNESIUM ALLOYS—WELDING

Automatic electric arc welding of aluminum-magnesium alloys through a layer of flux. V. N. Chulkov. Svarka 2:195-202 '59.

ALUMINUM-MANGANESE ALLOYS—WELDING

Certain metallurgical characteristics in the welding of manganese-aluminum steels. G. L. Petrov, R. A. Kozlov, A. P. Baryshnikov. Svarka 2:9-21 '59.

Effect of hydrogen and technological factors in electric arc welding of aluminum-magnesium alloys on the strength of weld joints. I. V. Burlak. Svarka 2: 102-104 '59.

ALUMINUM ORGANIC COMPOUNDS

Exchange of ethyl radicals in the $Al(C_2H_5)_3$ - C_2H_5Br system. A. P. Ratnikov, F. A. Korshunov. Dokl. AN SSSR 136 no. 1:93-95 Ja '61.

ALUMINUM OXIDE

Preparation of mechanically strong catalysts based on aluminum oxide. IA. R. Katsobashvili and others Trudy Inst. nefti 14:160-166 '60.

ALUMINUM-SILICON ALLOYS—METALLOGRAPHY

Formation of gas porosities in aluminum-silicon alloy castings. A. P. Gudchenko. Trudy MATI no 49:120-136 '61.

Gas removal from aluminum-silicon alloys by means of hexachloroethane. M. V. Sharov, O. I. Nikishaeva. Trudy MATI no. 49 47-72 '61.

ALUMINUM-TITANIUM ALLOYS see Titanium-aluminum alloys

ALUNITE

(see also subdivision under Bereozovo region)

Use of metallic alunite threads. K. A. Rat'kov, I. P. Rat'kova Tekst. prom 20 no. 3:29-31 Mr '60.

ALVEOLAR NERVE—BLOOD SUPPLY

Blood supply of the inferior alveolar nerve A. I. Prikhod'ko. Stomatologiia 40 no. 2 58-60 Mr-Ap '61.

AMALGAMS

Behavior of copper chlorides on copper amalgams during electrolysis. R. K. Drachevskaia, A. G. Lukina. Izv. AN Kazakh. SSR Ser. khim no 2 75-80 '60.

Potentials of complex amalgams. A. I. Zebreva. Zhur. fiz. khim. 35 no 4 948-949 Ap '61.

Use of oscillographic polarography in the study of the anodic oxidation of complex amalgams. V. P. Gladyshev, M. T. Kozlovskii. Izv AN Kazakh. SSR Ser. khim no 2 61-66 '60.

AMATEUR ART ACTIVITIES

(see also subdivision under Dneprodzerzhinsk; Gorodenka District, Novograd-Volynskiy, Ukraine)

In the Folk Art Center of Poltava Province I. Kyshyn'skyi, V. Moroz. Nar. tvorch. ta etn. 4 no 4 151-152 O-D '60

AMERICAN FEDERATION OF LABOR

"The American Federation of Labor in the time of Gompers" and "The American Federation of Labor from the death of Gompers to the merger" [both in English] by P. Taft Reviewed by S. M. Askol'dova, V. L. Mal'kov Nov. i noveish. ist. no 3 143-147 '61

AMATEUR MOTION PICTURES

(see also subdivision under Moscow; Ukraine)

First motion picture of textile workers. M. Tonkonogov. Uzbekistan 18 no. 12 19 D '59.

AMATEUR THEATRICALS

(see also subdivision under Dneprodzerzhinsk; Radekhov District; Ukraine)

Amateur drama festival. A. Alekseev. Sov. radio i tel. 8 no. 4:17 '59.

AMAUROSIS

Case of amaurosis following snakebite. T. T. Kheat, N. Z. Khoa, N. S. Lao. Oft. zhur. 16 no. 3:187-188 '61.

AMERICAN LITERATURE—HISTORY AND CRITICISM

Works of American progressive writers through the eyes of a bourgeois critic ("The radical novel in the United States, 1900-1954 [in English] by Walter B. Rideout Reviewed by IA. N. Zasurskii Vest. Mosk. un. Ser. 7 Filol. zhur. 15 no. 2 82-85 Mr-Ap '60.

AMERICAN PERIODICALS

In search of new ideas. R. Orlova. Novyi mir 36 no. 4 218-223 Ap '60.

AMIDASES

Studies on the amidase activity of bacteria and the effect of certain chemotherapeutic substances on it [with summary in English]. G. N. Pershin, V. V. Neevad'ba. Biokhimiia 25 no. 2 344-348 Mr-Ap '60.

AMIDES

Significance of the nitro group in the development of pharmacological effects of certain arylamides in substituted aminoacetic acids [with summary in English]. B. I. Legostev, N. I. Kudriashov, N. V. Khromov-Borisov. Farm. i toks. 24 no. 1:40-44 Ja-F '61.

Stereochemical studies Part 9 Spectropolarimetric detection of the tautomerism of amides. V. M. Potapov, A. P. Terent'ev Zhur. ob. khim 31 no. 5 1720-1729 My '61

Synthesis of fluorinated ketones by use of organolithium compounds and N, N-dialkylamides of fluorinated acids. N. A. Zaitseva, E. M. Panov, K. A. Kocheshkov. Izv. AN SSSR Otd. khim nauk no 5:831-835 My '61

AMIDINES

N, N', N''-Triethylenetriamidophosphazo compounds and N', N'', N'''-triethylene-N-diamidophosphinylarenamidines A. A. Kropacheva, G. I. Derkach, A. V. Kirsanov Zhur. ob. khim. 31 no. 5 1601-1604 My '61

AMINE OXIDASE

Differences in the action of some monoamine oxidase inhibitors in vitro and in vivo. E. I. Kuznets and others Dokl. AN SSSR 136 no 5:1231-1234 F '61.

AMINES

Carbon suboxide and some of its reactions Part 9 Reactions of electrophilically substituted amines with carbon suboxide in an aqueous medium L. B. Dashkevich, F. N. Kuvaeva Zhur. ob. khim 31 no 5 1669-1671 My '61

Carbon suboxide and some of its reactions Part 10 Reactions of carbon suboxide with substituted acyclic amines L. B. Dashkevich, V. G. Berlin Zhur. ob. khim 31 no 5 1671-1674 My '61

Combination method for calculating the temperature dependence of vapor pressure. Part 6. Monoalkylamines [with summary in English] M. Kh. Karapetiants, Chen Guang-iule (Chêng Kuang-yüeh). Zhur. fiz. khim. 35 no 4 782-788 Ap '61

Chemistry of organic oxides Part 19 Reaction of chloroprene α-oxide with ammonia and amines G. A. Balaev, V. M. Al'bitskaia, A. A. Petrov Zhur. ob. khim 31 no 5 1524-1528 My '61

Reaction of 1-haloanthraquinone with primary aromatic amines in a nonaqueous medium T. N. Kurdiumova, L. E. Gordeeva Zhur. ob. khim 31 no 5 1569-1573 My '61

Reactions of triethylthiborate with amines T. A. Shchegoleva, T. M. Shalakova, B. M. Mikhailov Izv. AN SSSR Otd. khim. nauk no. 5 918-919 My '61

Study of the acid-base interaction between aromatic amines and carboxylic acids by the deuterium exchange method A. I. Shatenshtein, E. N. Zvyagintseva, Z. N. Ovchinnikova Zhur. ob. khim 31 no 5 1432-1440 My '61

AMINO ACID METABOLISM

Changes in the amino acid composition of tissue proteins during larval development of the Chinese tussah moth [with summary in English]. IU. B. Filippovich Biokhimiia 25 no 6 1065-1072 N-D '60

Properties of the enzymatic system of the rat kidney catalyzing amino acid synthesis from pyruvic acid and ammonium salts [with summary in English] I. N. Piatnitskaia Biokhimiia 25 no. 6 1081-1084 N-D '60

Some data on the mechanism of lysine-1-C14, glycine-1-C14, methionine-S35 and tyrosine-C14 concentration and incorporation into protein by cells of Ehrlich's ascitic carcinoma in mice [with summary in English]. K. A. Perevoshchikova, Biokhimiia 26 no. 2:366-372 Mr-Ap '61.

Transamination of dicarboxylic amino acids and their amides in the cholangioma of rats and heptioma of mice [with summary in English]. T. T. Berezov, Biokhimiia 26 no. 2 310-314 Mr-Ap '61.

AMINO ACIDS

Amino acid composition of aurantin fractions [with summary in English] A. B. Salaev and others Antibiotiki 6 no 1:25-29 J '61.

Amino acid composition of protein-free filtrates of smooth muscles in vertebrate and invertebrate animals [with summary in English] S. E. Severin, A. A. Dikanova. Biokhimiia 25 no 6 1012-1017 N-D '60

Amino acid content of proteins in the food of pond fish and making up food rations F. M. Sukhoverkhov, K. F. Sorvachov, M. O. Shcherbyna Visnyk sil'hosp. nauky 4 no. 1 82-86 Ap '61

Amino acid participation in the reaction of melanoidin formation during the baking of bread [with summary in English]. V. L. Kretovich, A. N. Ponomareva, Biokhimiia 26 no. 2:237-243 Mr-Ap '61.

Amino acid utilization by the purple bacteria Rhodopseudomonas palustris. E. A. Petrova. Dokl. AN SSSR 136 no. 1:218-221 Ja '61.

Amino acids and the feeding of farm animals. Gidrolizn. i lesokhim. prom. 14 no. 4:32 '61.

Amount of free and bound amino acids in cultures of staphylococci with acquired resistance to various antibiotics in in vitro experiments and in strains isolated from patients during the course of the treatment with antibiotics [with summary in English]. A. F. Moroz. Antibiotiki 5 no. 2:78-83 Mr-Ap '60.

Comparative research on the amino acid composition of the kernels of some stone fruits. S. I. Lankov. Izv. vys. ucheb. zav.; pishch. tekh. no. 2:51-53 '61.

Correlation between the active concentration of labeled amino acids by cells and their inclusion in the proteins of tumors and normal tissues of experimental animals in vitro [with summary in English]. K. A. Perevoshchikova. Biul. eksp. biol. i med. 49 no. 2:73-77 F '60.

Determining the amino acid composition of polymyxin M by countercurrent distribution [with summary in English]. A. S. Khokhlov, Ch'ih Ch'ang-ch'ing. Biokhimiia 26 no. 2:296-299 Mr-Ap '61.

Dynamics of amino acids in the fruit of the oilseed poppy [with summary in English]. V. E. Pontovich, Kh. Karimov. Fiziol. rast. 7 no. 2:151-159 '60.

Effect of carnosine, anserine, histidine, and some amino acids on the activity of pyruvic dehydrogenase from the pectoral muscles of a pigeon. S. E. Severin, S. V. Shestakov. O. E. Vorob'ev. Dokl. AN SSSR 138 no. 2:462-465 My '61.

Kinetics of the absorption of amino acid in the intestines O. A. Shishova, L. A. Ogurtsova, V. I. Kasatochkin. Fiziol. zhur. 47 no. 5 630-637 My '61.

Secretion of amino acids by plant roots V. O. Kazarian, K. A. Karapetian Dokl. AN Arm. SSR 32 no. 3 159-162 '61

Separation of 2, 4-dinitrophenyl derivatives of certain amino acids by counter-current distribution [with summary in English] A. S. Khokhlov, Chi Chan-ts'in [Ch'ih Ch'ang-ch'ing] Biokhimiia 25 no. 6 1030-1034 N-D '60

Sugars and free amino acids during the maturation and dormancy of the grapevine [with summary in English]. K. D. Stoev, P. T. Mamarov, I. B. Benchev. Fiziol. rast. 7 no. 2:145-150 '60.

AMINO COMPOUNDS

Rapid method of determining the vapor concentrations of aliphatic amino compounds. L. A. Mokhov, N. S. Marteva Zhur. prikl. khim. 34 no. 3 699-700 Mr '61

AMINOPHYLLINE

Effect of euphyllin on the coronary flow; experimental study. B. N. Bezborodko. Farm. i toks. 24 no. 1 70-71 Ja-F '61

Effect of euphyllin on the urinary excretion of water and electrolytes in patients with circulatory insufficiency. G. S. Chudnovskii. Klin. med. 39 no. 5 98-105 My '61.

Effect of strophanthin, euphyllin and certain diuretics on blood coagulation in patients with circulatory insufficiency [with summary in English] M. A. Khairkhanov Ter. arkh. 31 no. 1 46-52 Ap '59.

AMINOPYRINE

Antipyretic effect of pyramidon in post-vaccinal fever, dinitrophenol hyperthermia, and experimental diphtheria intoxication [with summary in English]. I. N. Bystrova. Biul. eksp. biol. i med. 51 no. 2 37-41 F '61.

AMIRKHANLY REGION—PETROLEUM GEOLOGY

Reservoir properties of rocks of the lower Maikop in the Amirkhanly oil field [in Azerbaijani with summary in Russian]. G. K. Abdullaev, A. D. Sultanov Dokl. Akad. Azerb. SSR 17 no. 3:213-218 '61

AMMONIA

Chemistry of organic oxides Part 19 Reaction of chloroprene α-oxide with ammonia and amines G. A. Balaev, V. M. Al'bitskaia, A. A. Petrov Zhur. ob. khim 31 no 5 1524-1528 My '61

Formation of hydrazine by the action of gamma rays on liquid and solid ammonia. IU. A. Sorokin, S. IA. Pshezhetskii. Dokl. AN SSSR 138 no. 4:880-881 Je '61.

Initial phase of excitation in absolute differentiation and the amount of free ammonia in the cerebral hemispheres of rats [with summary in English]. E. A. Vladimirova Biul. eksp. biol. i med. 51 no. 2:42-45 F '61.

Reactions between benzaldehyde and ammonia S. V. Svetozarskii, E. N. Zil'berman, A. I. Finkel'shtein Zhur. ob. khim 31 no 5 1717-1719 My '61

Solid - liquid - gas equilibrium in the system melamine - ammonia - carbon dioxide [with summary in English]. G. D. Efremova, R. O. Koroleva. Zhur. fiz. khim. 35 no. 4:821-824 Ap '61.

AMMONIUM CHLORIDE—TOXICOLOGY

Influence of carbon dioxide on the amount of ammonia, glutamine, and urea in the blood of animals following the administration of an ammonium chloride solution [with summary in English]. N. B. Kozlov. Biul. eksp. biol. i med. 50 no. 10:73-78 O '60.

AMMONIUM COMPOUNDS

Electrolysis of a tetramethylammonium iodide solution [with summary in English]. G. S. Supin. Zhur. fiz. khim. 34 no. 4:925-927 Ap '60.

AMMONIUM FLUORIDE

Reaction of plutonium dioxide with ammonium hydrogen fluoride in the absence of water. IA. Maly and others. Radiokhimiia 3 no. 2:195-198 '61.

AMNION

Comparative histology of the amniotic epithelium of mammals [with summary in English]. M. IA. Lovina. Arkh. anat. gist. i embr. 39 no. 7:37-46 Jl '60.

Development and histological structure of amnion; survey of the literature. R. A. Kniazeva. Arkh. anat. gist. i embr. 39 no. 7:91-100 Jl '60.

AMNIOTIC FLUID

Biochemical composition of the amniotic fluid and blood in mother and fetus in various stages of pregnancy [with summary in English]. A. M. Sovanskii. Biul. eksp. biol. i med. 51 no. 3:64-67 Mr '61.

AMOBARBITAL

Formation of spinal cord dominants during changes in the functional state of the nervous centers due to the action of narcotic substances [with summary in English]. S. A. Skuratova. Biul. eksp. biol. i med. 49 no. 3:12-17 Mr '60.

Age changes in the reaction of animals to barbamyl [with summary in English]. A. V. Nalegatskaia. Farm. i toks. 24 no. 1:30-32 Ja-F '61.

AMPELOPSIS

Ampelopsis as a tannid plant. S. K. Chervenidi. Izv. AN Uz. SSR no. 6:109-110 '58.

AMPHETAMINE
Development, course, and outcome of experimental tetanus intoxication under changes functional conditions of the central nervous system [with summary in English]. V T Sadovskaia. Biul. eksp. biol. i med. 19 no. 3:41-46 Mr '60

AMPHIBIA—EMBRYOLOGY see Embryology—Amphibia

AMPHIBIA—PARASITES see Parasites—Amphibia

AMPHIPODA
The technique of determining the size-weight characteristics of invertebrate organisms serving as food of fishes. E. V. Boutskii, I. I. Girsa. Vop. ikht. no. 17 150-158 '61.

AMPLIFIERS (ELECTRONICS)
Calculation of the amplification of a sectionalized traveling-wave tube. A I Denisov. Izv. vys. ucheb. zav., radiotekh. 1 no 2 212-215 Mr-Ap '61
Choice of an optimum number of amplifier cascades for minimum phase instability. L I Filippov, N. N Smirnov. Nauch. dokl. vys. shkoly, radiotekh. i elektron. no 2 243-249 '59
Direct current amplifier using a Hall transducer. G F Alekseeva, L. P Meleshkina, L S Sokolov. Nauch. dokl. vys. shkoly, radiotekh. i elektron. no 2 298-302 '59
Experience in developing an audio frequency pulse power amplifier. V. V Malanov, K. P Polov, V A Belov. Izv. vys. ucheb. zav., radiotekh. 4 no 2,201-207 Mr-Ap '61
Exponential tuned radio pulse amplifier. V M. Volkov, B P. Khizhinskii. Izv. vys. ucheb. zav., radiotekh. 4 no 2:165-174 Mr-Ap '61.
Kriksunov, V. G. [Low-frequency amplifiers] Nizkochastotnye usiliteli. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 397 p.
Operational stability of single-stage pentode amplifiers. K. A Shchutskoi. Nauch. dokl. vys. shkoly, radiotekh. i elektron. no 2 250-256 '59
Parallel balanced d c repeater. A A Sokolov, A. A. Pankrashkin. Nauch. dokl. vys. shkoly, radiotekh. i elektron. no 2 292-297 '59.
Semigraphical method of calculating cathode-coupled cascades. IU A Brammer. Nauch. dokl. vys. shkoly, radiotekh. i elektron. no 2 279-285 '59

AMPLIFIERS, ELECTRON-TUBE
Direct current amplifier with an expanded frequency characteristics. V. G Beliakov, I. M. Vitenberg. Priborostroenie no 5:14-17 My '60
Varying the amplification factor of amplifiers used in electronic controllers. A I Abrukin. Priborostroenie no 5:28-29 My '60.

AMPLIFIERS, TRANSISTOR see Transistor amplifiers

AMU DARYA DELTA—EROSION
Shrinkage and erosion in the Amu Darya Delta. A. F. Shelaev, G. I. Vallert. Izv. AN Uz SSR no 1 33-42 '56.

AMU DARYA DELTA—FISHERIES
Rich catches. N. Ekubov. Uzbekiston 19 no. 3:23 Mr '60.

AMU DARYA VALLEY—AFFORESTATION
Growth characteristics of some ligneous species in the middle Amu Darya Valley and their role in afforestation on irrigated lands. V M. Shitineva. Izv. vys. ucheb. zav., les. zhur. 3 no 1:49-53 '60

AMU DARYA VALLEY—FUNGI
Mycological flora of the lower reaches of the Amu Darya. N. I. Gaponenko. Trudy Inst. bot. AN Uz. SSR no 5 387-466 '59.

AMU DARYA VALLEY—GEOLOGY
Boundaries and basic geological features of the upper Amu Darya depression. N. P. Tuaev. Izv. AN SSSR, Ser. geol. 26 no. 5:68-75 My '61.

AMU DARYA VALLEY—GEOLOGY, STRATIGRAPHIC
Stratigraphy of Cretaceous sediments in the lower reaches of the Amy Darya in boreholes in the area of Khodzheyli and Chimbay. E. G. Vinokurova, E. A. Zhukova. Uzb. geol. zhur. no 2 79-83 '61

AMU DARYA VALLEY—HYDROLOGY
Streamflow distribution in rivers of Central Asia during the growing period. T. S. Abal'ian. Trudy TSIP no. 99: 80-93 '61.

AMU DARYA VALLEY—ONIONS
Growing bulb onions in the lower reaches of Amu Darya [with summary in English]. G. E. Shmaraev. Trudy po prikl. bot., gen. i sel. 32 no. 3:201-208 '59.

AMU DARYA VALLEY—TOMATOES
Parent material and methods of growing tomatoes in the lower reaches of Amu Darya [with summary in English]. G. E. Shmaraev. Trudy po prikl. bot., gen. i sel. 32 no. 3:280-200 '59.

AMUR CORK TREE
Amur cork tree breeding for commercial purposes. R. F Kudasheva. [Trudy] VNIILM no 36-6-36 '59

AMUR PROVINCE—ARTHRITIS, RHEUMATOID
Some materials on the characteristics of biogeochemical provinces marked by the occurrence of the Urov disease. V. G. Kholot'ev. Trudy Biogeokhim. lab. no. 11.168-177 '60.

AMUR PROVINCE—GEOLOGY, STRATIGRAPHIC
Quaternary system of Khabarovsk Territory and Amur Province. IU F Chemekov. Mat. VSEGEI Chet. geol. i geomorf. no 2:88-95 '58

AMUR PROVINCE—STOMATOLOGY
Second conference of stomatologists of Amur Province. A. S. Vasianova. Stomatologiia 40 no. 2:107 Mr-Ap '61.

AMUR RIVER—CARP
Some data on the reproduction of Erythroculter mongolicus (Bas.). A P Makeeva, S G Soin. Vop. ikht. 1 no. 1:149-156 '61.

AMUR VALLEY—CARP
Age groups, growth, and time of sexual maturation in Ctenopharyngodon idella (Val.) and Mylopharyngodon piceus (Rich.) in the basin of the Amur River. I. I Gorbach. Vop. ikht. 1 no 1:119-126 '61.

AMUR VALLEY—NATURAL RESOURCES
A [illegible]
resources of the lower part of the Amur Valley] Perspektivy kompleksnogo ispol'zovaniia vodnykh, lesnykh i kormovykh resursov nizhnego Amura. Moskva, 1960. 191 p.

AMUR VALLEY—SALMON
Local schools of summer-spawning keta (Oncorhynchus keta (Walbaum)) in the Amur Basin. A. A. Svetovidova. Vop. ikh. no. 17:14-23 '61.

AMUR VALLEY—WATER, UNDERGROUND
Silicate waters and their place in the horizontal hydrochemical zonality. K. V. Filatov. Dokl. AN SSSR 130 no 3,603-606 My '61

AMYLASE
Effect of heating on the saccharification effect of grain amylases in flour suspensions or extracts. S I. Ploniin. Biokhim. zerna no. 5 170-183 '60

AMYLOIDOSIS
Amyloidosis of the internal organs in pulmonary tuberculosis [with summary in French]. M. G. Safonov-Chabovskii. Probl. tub. 38 no. 3:62-68 '60.

ANADYR' VALLEY—PALEOGEOGRAPHY
Development of the relief of the lower part of the Anadyr Lowland and surrounding mountains in the Quaternary [with summary in English]. IU. P. Baranova. Geol. i geofiz. no. 12:72-85 '60.

ANAEROBIC BACTERIA see Bacteria, Anaerobic

ANALEPTICS
Effect of neurotropic substances on the urine secretion of the kidney. E. B. Berkhin. Farm. i toks. 24 no. 1:118-124 Ja-F '61.

ANALGESICS
Dependence of pharmacological effect upon the ratio of combined substances. N. K. Barkov. Farm. i toks. 24 no. 1:36-40 Ja-F '61.
Effect of phenothiazine derivatives on the action of analgesics [with summary in English]. N. K. Barkov. Biul. eksp. biol. i med. 51 no. 2:60-64 F '61.

ANALYSIS (PHILOSOPHY)
Beglashvili, A. F. [Analytic method in present-day bourgeois philosophy] Moted analiza v sovremennoi burzhuaznoi filosofii. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1960. 107 p.
"Philosophy and linguistic analysis" [in English] by Maxwell John Charlesworth. Reviewed by V. S. Shvyrev. Vop. filos. 15 no. 5 174-175 '61.

ANALYSIS, CHROMATOGRAPHIC see Chromatographic analysis

ANALYTIC FUNCTIONS see Functions, Analytic

ANALYTICAL CHEMISTRY see Chemistry, Analytical

ANALYTICAL GEOMETRY see Geometry, Analytic

ANALYTICAL MECHANICS see Mechanics, Analytic

ANAN'EV, NIKOLAI ALEKSEEVICH, 1901-1960
Nikolai Alekseevich Ananiev, on the anniversary of his death. S. I. Stegunin. Sov. zdrav. 20 no. 5 89 '61

ANAPHYLAXIS
Absorption and distribution of penicillin in anaphylactoid shock in white rats [with summary in English]. V P. IAkovlev. Antibiotiki 6 no. 3:220-226 Mr '61.
Effect of penicillin on anaphylactic shock in guinea pigs [with summary in English]. E. IA Severova. Antibiotiki 6 no 1:42-44 Ja '61
Electrophoretic investigation of serum proteins producing passive anaphylaxis [with summary in English]. IU S Tatarinov. Biokhimiia 25 no 2 305-309 Mr-Ap '60
Immunological characteristics of serum proteins. Report No 1. Reproduction of anaphylaxis by isolated fractions of blood serum proteins [with summary in English]. IU S Tatarinov. Biul. eksp. biol. i med. 50 no. 10 94-100 O '60.
Inhibition of the anaphylactic reaction by mechanisms of dynamic stereotype [with summary in English]. V I Lukianenko. Biul. eksp. biol. i med. 51 no. 2 82-86 F '61.
Role of physiological mechanisms of a dynamic stereotype in the directivity changes of allergic reactions. Report No 2. Experimental study of the role of dynamically stereotypic mechanisms in the inhibition of anaphylaxis. V I Lukianenko. Vest. Mosk. un. Ser. 6. Biol., pochv. 16 no 2 21-29 Mr-Ap '61

ANATOMICAL RESEARCH see subdivision under Hungary

ANATOMICAL SOCIETIES see subdivision under Leningrad, Moscow

ANATOMICAL SOCIETIES—PERIODICALS see subdivision under Poland

ANATOMY
V. N. Tonkov's "Selected works" and the further development of his approach in functional anatomy. L. P. Mel'man. Arkh. anat. gist. i embr. 38 no 7 101-106 Jl '60

ANATOMY—BIBLIOGRAPHY see Bibliography—Anatomy

ANATOMY—NOMENCLATURE
Critical comments on international anatomical nomenclature. G Kh Rooks, K A Ulip. Arkh. anat. gist. i embr. 38 no. 3 90-95 Mr '60

ANATOMY—PERIODICALS
Conference of readers of "Arkhiv Anatomii, Gistologii i Embriologii" in Tbilisi. A. S. Lezhava, V. S. Abashidze. Arkh. anat. gist. i embr. 40 no 3 116 Mr '61

ANATOMY—TERMINOLOGY
Additions, changes, and corrections to the Paris Anatomical Nomenclature adopted at the Seventh Congress of Anatomists in New York, April 1960. Arkh. anat. gist. i embr. 40 no 4:117-127 Mr '61.

ANCHOVIES
(see also subdivision under Azov, Sea of)
Azov anchovy. G. F. Shul'man. Priroda 50 no. 6.105-106 Je '61.

ANCIENT HISTORY see History, Ancient

ANDESITES see subdivision under Georgia

ANDIZHAN PROVINCE—ANTIQUITIES
Excavations of the Chustkoye settlement. V I Sprishevskii. Obshchestv. nauki v Uz. no 1 70-71 '61

ANDREEV, NIKOLAI ANDREEVICH, 1873-1932
From the history of creating the "Limnicum." A. Gak. Izobrasitvo 24 no 4:64-66 '61.

ANDRZHIIOVS'KYI, ANTON LUKIANOVYCH, 1705-1808
A. L. Andrzhiiovs'kyi; 175 years from his birth. A I Barbarych. Ukr. bot. zhur. 16 no 2 84-89 '61

ANEMIA
Characteristics of anemia induced by division of the vagus nerve [with summary in English]. R. A. Durinian. Biul. eksp. biol. i med. 49 no. 2,59-65 F '60.
Effect of luminal on blood regeneration processes [with summary in English]. I. B. Kozlovskaia. Farm. i toks. 24 no. 1:83-88 Ja-F '61.
Erythropoietic properties of plasma in anemized animals [with summary in English]. L. L. Shepshelevich, L. S. Rogachova. Probl. gemat. i perel. krovi 5 no. 2:13-18 F '60.
Hemopoietic properties of the serum of healthy and anemic animals [with summary in English]. E. L. Kon. Biul. eksp. biol. i med. 49 no. 2:55-61 F '60.
Involvement of the nuclear substance in erythrocytes in experimental hemolytic anemias [with summary in English]. I. IA. Kreimer. Biul. eksp. biol. i med. 49 no. 3: 35-38 Mr '60.
Oxidative enzymes in blood cells and bone marrow in leukemia and hypoplastic anemia [with summary in English, p. 61]. E. I. Torient'eva, L. I. Kazanova, F. E. Fainshtein. Probl. gemat. i perel. krovi 5 no. 2:3-8 F '60.
Role of tuberculous intoxication in the development of anemia [with summary in French]. N. N. Kolotova, V. V. Dublicl. Probl. tub. 38 no. 3:25-29 '60.
Splenomegaly in the Gaucher type in children. G. I Stepanova. Khirurgiia 37 no. 5:75-77 My '61
Treatment of anemias caused by lead with vitamin B_{12} in a compound with folic acid. Preliminary report. Sh. S. Sabdenova, A. T. Aldanazarov. Trudy Inst. kraev. pat. AN Kazakh. SSR 8:103-109 '60.

ANEMIA (Continued)

Use of different methods of hemotherapy for the treatment of anemias in the district hospital. G N Kulagina. Med. zhur. Uzb. no. 4 44-48 Ap '61.

Use of the preparation mucovite for the treatment of Addison-Biermer's disease [with summary in English, p. 63]. A. M. Aklundova, O. Kh. Tel-Mkrtycheva. Probl. gemat. i perel. krovi 5 no. 2 55-56 F '60.

Vitamin B-12 level of the blood serum and serum iron in anemias of gastrointestinal origin [with summary in English, p. 61]. U. I. Uldashev. Probl. gemat. i perel. krovi 5 no. 2:8-13 F '60.

ANESTHESIA

Change in reflex activity during ether anesthesia and local anesthesia. Preliminary report. S. A. Shtein. Trudy 1-go MMI 3:102-118 '57.

Changes in some hemodynamic indexes during various types of anesthesia. L. M. Frumina. Trudy 1-go MMI 3:83-102 '57.

Epidural lumbar anesthesia with filled solutions. I. N. Markov. Akt. vop. obezbol. no. 2 212-218 '59.

Guiding principles in the selection of anesthesia. I. S. Zhorov. Trudy 1-go MMI 3,7-26 '57.

Hemodynamics in potentiated anesthesia. V. D. Malyshev. Akt. vop. obezbol. no. 2:48-62 '59.

Indications for the choice of anesthesia in surgery. T. P. Makarenko, V. I. Karpukhin. Akt. vop. obezbol. no. 2:21-30 '59.

Intravenous use of promedol in the surgical clinic. IU. V. Sarin. Trudy 1-go MMI 3 143-147 '57.

Modern anesthesia in otorhinolaryngological diseases. B. A. El'kun. Akt. vop. obezbol. no. 2, 37-47 '59.

Potentiated anesthesia in abdominal surgery. N. A. Kolsanov. Akt. vop. obezbol. no. 2:144-150 '59.

Preliminary clinical and experimental data on epidural (peridural) anesthesia with filled solutions. I. N. Markov. Akt. vop. obezbol. no. 2:207-211 '59.

Retrosternal anesthesia and local potentiated anesthesia in surgery for thyrotoxic goiter. L. E. Ponomarev. Akt. vop. obezbol. no. 2:195-202 '59.

Selection of anesthesia in hypertension. L. N. Bolkhovitinova. Trudy 1-go MMI 3,27-34 '57.

Some biochemical changes in the blood during various types of anesthesia. B. S. Rabinovich. Trudy 1-go MMI 3:185-192 '57.

Use of diplatsin in surgical anesthesia in patients with heart defects. T. M. Durbinian. Akt. vop. obezbol. no. 2:120-126 '59.

ANESTHESIA—COMPLICATIONS AND SEQUELAE

Intra-arterial injection of blood as a method of controlling hemodynamic disorders in potentiated anesthesia. T. P. Makarenko, V. D. Malyshev. Akt. vop. obezbol. no. 2:165-170 '59.

So-called death by anesthesia. G. IA. Pekker. Trudy 1-go MMI 3:193-206 '57.

ANESTHESIA (ELECTRIC) *see* Electric anesthesia

ANESTHESIA IN DENTISTRY

Simplest methods for the anesthesia and extraction of teeth. K. I. Bordygan. Zdrav. Belor. 6 no. 4:55-59 Ap '60.

ANESTHESIA IN OPHTHALMOLOGY

Potentiated medicinal preparation of patients in ophthalmic surgery. M. L. Krasnov, V. I. Boiishpolets. Akt. vop. obezbol. no. 2:31-36 '59.

ANESTHESIOLOGY

New paths in the development of anesthesiology (use of hormonal and vitamin preparations). A. I. Briskin. Akt. vop. obezbol. no. 2:5-20 '59.

ANESTHETICS

-opolamine mixtures
. V. Staritskii.

rphine-caffeine
N. I. Minin, N. N.
5-128 '57.

ietonin) as the
clinic. N. I. Minin,
3:119-124 '57.
l-aminazine) as the
nikov. Trudy 1-go

orebellar artery
stic neave. N. S.
-86 Ja-F '60.
). I. Darenskii. Khi-

n a patient with
ovich. Klin. med.

atment of aneurysm
rovskii, O. B. Milo-
o 5:7-12 My '61.

ANGARA RIVER—ICE

Passage of frazil ice over the crest of the spillway dam of the Bratsk Hydroelectric Power Station IA. L. Gotlib and others. Gidr. stroi. 30 no. 5 34-37 My '60.

ANGARA RIVER—REGULATION

Clearing the headwaters of the Angara River. Gidr. stroi 31 no. 4 51 Ap '61.

ANGARA RIVER—ROCKS, IGNEOUS

Differential trappean massif in the Padun rapids of the Angara River G A Vedernikova. Geol i geof no 1: 66-76 '61

ANGARA VALLEY—ALLUVIAL LANDS

Erosion "basins" on the Angara. I. M. Bolotina, V. A. Rastvorova, E. I. Sikharova. Priroda 50 no. 6 100-101 Je '61.

ANGARSK—BUILDING MATERIALS INDUSTRY

Benenson, O. E., and N. G. Kiseley. [Using pulverized ashes from Thermal Electric Station in producing building materials] Ispol'zovanie pylevidnel zoly TETs dlia proizvodstva stroitel'nykh materialov, opyt stroitelei Angarska. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961, 84 p.

ANGINA PECTORIS

Vertebral-cardiac and phrenicus-cardiovertebral symptoms of stenocardia (myocardial infarct) in the aspect of differential diagnosis in "acute abdomen." G. K. Aliev. Azerb. med. zhur. no. 4, 92-102 Ap '60.

ANGIOGRAPHY

Arteriography in patients with obliterating endarteritis under ambulatory conditions M I Gol'dshtein, M F Mustin. Khirurgiia 37 no 5 28-30 My '61

Comments on lumbar aortography S. I. Lizarovskii, R. N. Kalashnikov. Khirurgiia 37 no 5,16-21 My '61

ANGLE

Effect of the asymmetry of trihedral signals on angular measurements P A Brykin Geod i kart no 4 7-11 Ap '61

ANGOLA

Angola in flames S Volk Nov. vrem. 19 no. 23-14-16 Je '61.

Sinister shadow of NATO over Angolia. IU. Konstantinov. Mezhdunar. zhizn' 8 no. 6,119-120 Je '61.

ANGOLA—POLITICS AND GOVERNMENT

What is happening in Angola? Smena 38 no. 7:18 Ap '61

ANGREN VALLEY—KAOLIN

Exploiting the kaolin deposit in the Angren Valley N. P. Petrov. Izv. AN Uz. SSR no. 4:43-48 '56.

ANGREN VALLEY—TEA

Chemical improvement of soil for tea cultivation. A. Z. Zaichikov Izv. AN Uz SSR no 6:35-45 '56.

Root diseases of the tea plant in the upper Angren Valley R. I. Ratushkina Izv. AN Uz. SSR no 11 103-101 '56

ANGREN VALLEY—WATER, UNDERGROUND

Possibility of using artesian waters of the Angren alluvial cone for irrigation purposes A L. Shevchenko Uzb. geol. zhur no. 2 30-34 '61.

ANHYDRIDES

General method for the quantitative determination of anhydrides and chloranhydrides of carboxylic acids [with summary in English]. L. M. Litvinenko, D. M. Aleksandrova, V. G. Napridailo. Zhur. anal. khim. 16 no. 2:226-228 Mr-Ap '61.

ANICHKOV, NIKOLAI NIKOLAEVICH, 1885-

Academician Nikolai Nikolaevich Anichkov. A. N. Chistovich. Klin. med. 39 no. 5:3-5 My '61.

ANILINE

Factors of the partial rate of deuterium exchange in dimethylaniline with potassium amide solution in liquid ammonia, and the mechanism of basic deuterium exchange. A. I. Shatenshtein, IU I Ranneva. Zhur ob. khim 31 no 5 1423-1431 My '61

ANIMAL HOMES *see* Animals, Habitations of

ANIMAL INDUSTRY—LAW AND LEGISLATION

The legal status of interfarm stock fattening yards. TS. Bychkova. Komm. Ukr. 36 no. 6,93-80 Je '61.

ANIMAL LOCOMOTION

Gambarian, P. P. [Adaptive characteristics of motor organs in burrowing mammals] Prisposobitel'nye osobennosti organov dvizheniia roiushchikh mlekopitaiushchikh. Erevan, Izd-vo Akad. nauk Armianskoi SSR, 1960. 194 p.

ANIMALS—TRANSPORTATION

Animal travelers. A. Lebedev. Znan. sila 36 no. 5: 29-32 My '61.

ANIMALS, FOOD HABITS OF

Comparative estimation of the attractiveness of tree and shrub seeds with regard to murine rodents [with summary in English]. P. A Sviridenko. Zool zhur. 40 no. 5 763-767 '61.

Significance of the raccoon dog in the biocoenosis of the Manych Steppe [with summary in English] T. I. Kritskaia. Zool zhur 40 no 5 788-798 '61

ANIMALS, HABITATIONS OF

Burrowing activity of the lesser water vole (Arvicola terrestris scherman Shaw) in subalpine meadows of the Carpathians [with summary in English] K A Tatarinov. Zool zhur 40 no 5 786-788 '61

ANIMALS, HABITS AND BEHAVIOR OF

Weather forecasting. . . . by animals, plants, insects. V. Chernyshev. IUn. tekh. 5 no. 2:68-71 F '61.

ANIMALS, INFANCY OF

Neurohypophysis and osmoregulation in baby rats during the period of weaning. J. Kroeck, H. Dlouha, J. Krecekova. Zhur. ob. biol. 22 no. 2:89-94 Mr-Ap '61.

ANIMALS AS CARRIERS OF DISEASE

Role of farm animals in the infection of human beings with scleroma. N. A. Israitel', O. V. Davydov, A. P. Krasil'nikov. Zdrav. Belor. 6 no. 4 26-30 Ap '60.

Role of wild fauna in the epidemiology and epizootology of brucellosis I F Taran Vest. AMN SSSR 15 no. 3 70-77 '60

ANIONS

Current-time curves in the reduction of anions on a dropping electrode. A N Frumkin, O A Petrii, N V Nikolaeva-Fedorovich. Dokl AN SSSR 136 no 5:1155-1161 F '61

Preparation of a solution for the detection of anions [with summary in English]. V. V Vasil'ev, N A Rodicheva Vest. LGU 16 no 10:145-147 '61

ANISIDINE

Electrolytic dissociation in nonaqueous systems Part II The system o-anisidine - allyl mustard oil [with summary in English]. S. P. Mirkizbitian. Zhur. fiz. khim. 34 no. 4 803-804 Ap '60

ANISOLE

Conversions of oxygen compounds (anisole, acetophenone, dimethyl phthalate) during the destructive hydrogenation in the presence of an alumina-molybdenum oxide catalyst. V. A. Zakharenko, A. V. Lozovoi Zhur. prikl. khim. 34 no. 3 663-670 Mr '61.

ANISOTROPY

Effect of conditions of heat treatment on the anisotropy of mechanical properties of forged steel V. N. Trubin, I. IA. Chernikhova. Kuz.-shtam. proizv. 3 no 5:5-8 My '61

ANKAVAN REGION—MOLYBDENUM

Biogeochemical provinces rich in molybdenum in the Armenian S. S. R. G. A. IArovaia. Trudy Biogeokhim. lab. no. 11,208-214 '60.

ANKLE—INNERVATION

Morphology of the receptor apparatus of the capsule of the ankle joint [with summary in English] G. V. Vinchenko. Arkh. anat. gist. i embr. 38 no. 1 86-90 Ap '60

ANNEALING OF METALS

Changes in saturation magnetostriction in annealing hardened ferromagnetic materials I. IA. Dekhtiar, E. G. Madatova Fiz. met. i metalloved. 11 no. 4 507-512 Ap '61.

Stationary thermocouple to control bell furnace annealing of rolled metal in coils. F. S. Astaf'ev, A. A. Lisogor. Stal' 21 no. 5:461-464 My '61.

ANNIVERSARIES

Calendar for propagandists, anniversary dates in May. Blok agit. [Ukr.] no 12:64-3 of cover Ap '60.

Memorable dates for April to June 1961. V. V. Tikhomirov, N. A. Voskresenskaia. Sov. geol. 4 no. 4:140-145 Ap '61.

Noteworthy dates. Nar. obr. no. 5:126-127 My '61

Noteworthy dates in science and technology. Shkola i proizv. 5 no. 5 95-96 My '61.

Our calendar. Mol. komm. no 5 87-91 My '61

Our calendar. Sots. kul't. 14 no. 5,46 My '61.

ANOULIK, JEAN, 1910-

A "simple play" by Jean Anouilh ("Skylark" by Jean Anouilh. Reviewed by I. Solov'eva). Novyi mir 37 no. 5:262-266 My '61.

ANOXEMIA

Change in the electrical activity of the brain and the "thermoregulatory tonus" of muscules in hypoxia. K. P. Ivanov Fiziol. zhur. 47 no. 2:210-216 F '61

Curves of oxygen saturation of the arterial blood and its diagnostic significance in the evaluation of the effectiveness of oxygen therapy in patients with arterial hypoxemia. Z. A. Gorbunkova. Terapiarkh. 33 no. 4:31-42 '61.

ANOXEMIA (Continued)

Effect of hypoxia and ACTH on the state of the carbohydrate reserve in the tissues of white rats [with summary in English]. M. I. Petukhov. Biul. eksp. biol. i med. 49 no. 3 57-60 Mr '60.

Influence of hypoxic hypoxia and of low barometric pressure on the human electrocardiogram [with summary in English]. V. N. Alifanov. Biul. eksp. biol. i med. 50 no. 10:29-34 O '60.

Significance of inhibition of the central nervous system in anoxia [with summary in English] V. A. Konstantinov. Pat. fiziol. i eksp. terap. 4 no. 2 59-62 Mr-Ap '60

Ways of studying the role of higher brain divisions in the reaction of the organism to hypoxia. N. V. Lauer. Fiziol. zhur. [Ukr.] 7 no. 3:376-381 My-Je '61.

ANTARCTIC REGIONS

Antarctic, continent of peace and friendship. Mor. flot 21 no. 5 47 My '61.

Fourth session of the Special Committee for Antarctic Research. M. M. Somov. Inform. biul. Sov. antark. eksp. no. 24 56-57 '60

Lomonosov and Antarctica. IA. IA. Gakkel'. Inform. biul. Sov. antark. eksp. no. 25, 5-7 '61.

Mechanical properties of Antarctic sea ice. M. I. Serikov. Inform. biul. Sov. antark. eksp. no. 25 23-27 '61

ANTARCTIC REGIONS—ATMOSPHERIC TEMPERATURE

Determination of mean monthly temperatures from an insufficient number of observations. L. V. Dolganov. Inform. biul. Sov. antark. eksp. no. 25:32-35 '61

ANTARCTIC REGIONS—CLIMATE

Warming of the climate in Antarctica. V. G. Averianov. Inform. biul. Sov. antark. eksp. no. 22, 11-14 '60

ANTARCTIC REGIONS—GEOLOGY

Recent data on the geology of Antarctica ("A collection of articles on the geology of Antarctica", "Trudy" of the Scientific Research Institute of Arctic Geology, vol. 113, no. 2, 1960. Reviewed by M. I. Rabkin). Inform. biul. Sov. antark. eksp. no. 23 53-54 '60.

Some geomorphological features of Antarctica. P. S. Voronov. Trudy NIIGA 113:183-208 '60.

ANTARCTIC REGIONS—GEOLOGY, STRUCTURAL

Antarctic structure. P. S. Voronov. Trudy NIIGA 113: 5-24 '60.

Chart of recent tectonics in Antarctica. P. S. Voronov. Inform. biul. Sov. antark. eksp. no. 24 10-14 '60.

Principal structural features of the earth's crust in Antarctica. R. M. Demenitskaia. Inform. biul. Sov. antark. eksp. no. 23 10-14 '60.

ANTARCTIC REGIONS—GLACIAL EPOCH

An attempt to restore the Antarctic ice sheet of the epoch of earth's maximum glaciation. P. S. Voronov. Inform. biul. Sov. antark. eksp. no. 23 15-19 '60.

ANTARCTIC REGIONS—GLACIERS

Chart representing the feeding intensity of the Antarctic glacier cover. V. M. Kotlikov. Inform. biul. Sov. antark. eksp. no. 25:19-22 '61.

"Productivity" of the coast of eastern Antarctica. V. I. Bardin, V. I. Shil'nikov. Inform. biul. Sov. antark. eksp. no. 23, 28-32 '60

ANTARCTIC REGIONS—GLACIOLOGICAL RESEARCH

Use of the ultrasonic method in studying the ice sheet of Antarctica. IU. F. Durynin. Inform. biul. Sov. antark. eksp. no. 23 20-23 '60

ANTARCTIC REGIONS—GRAVIMETRY

Pendulum gravity determinations during the first Antarctic cruise of the diesel-electric ship "Ob'." A. G. Gainanov. Inform. biul. Sov. antark. eksp. no. 22:48-50 '60.

ANTARCTIC REGIONS—HUMIDITY

Determination of absolute humidity at low temperatures. L. V. Dolganov. Inform. biul. Sov. antark. eksp. no. 22. 42-45 '60.

ANTARCTIC REGIONS—ICEBERGS

The ribbed iceberg. V. I. Bardin. Inform. biul. Sov. antark. eksp. no. 23:47-50 '60.

An unusual iceberg. G. Konovalov. Inform. biul. Sov. antark. eksp. no. 25:60-61 '61.

ANTARCTIC REGIONS—IONOSPHERIC RESEARCH

Seasonal fluctuations in the diurnal variation of the ionization density of the F_2-layer according to the data of some polar stations. A. I. Galkin. Inform. biul. Sov. antark. eksp. no. 25:43-47 '61.

ANTARCTIC REGIONS—MAGNETIC ANOMALIES

Results of magnetic observations along the route Pionerskaya-Pole of Relative Inaccessibility. IU. N. Avsiuk, V. I. Koptev. Inform. biul. Sov. antark. eksp. no. 24 42-45 '60

ANTARCTIC REGIONS—MAPS

Mapping of Antarctica by foreign states during the International Geophysical Year. IA. P. Koblents. Inform. biul. Sov. antark. eksp. no. 22, 53-56 '60.

ANTARCTIC REGIONS—METEOROLOGY

Magnitude of temperature corrections in geopotential calculations for the 700-millibar surface. V. A. Bugaev. Inform. biul. Sov. antark. eksp. no. 22 36-39 '60

Some characteristics of summer changes of weather on the South Polar Plateau. P. D. Astapenko, B. V. Kuz'min. Inform. biul. Sov. antark. eksp. no. 25:28-31 '61

ANTARCTIC REGIONS—METEOROLOGY—OBSERVATIONS

Measures enabling the operation of self-recorders at low temperatures. E. IA. Evseev. Inform. biul. Sov. antark. eksp. no. 22 29-31 '60

ANTARCTIC REGIONS—MUMMIES

More about on mummies of seals in Antarctica. K. K. Markov. Inform. biul. Sov. antark. eksp. no. 25:48-49 '61

ANTARCTIC REGIONS—NAVIGATION (AERONAUTICS)

Magnetic and gyroscopic course-line indicating systems on airplanes in Antarctica. R. V. Robinson. Inform. biul. Sov. antark. eksp. no. 25 50-53 '61

ANTARCTIC REGIONS—OCEAN BOTTOM

Coincidence of the Antarctic low pressure zone with sub-Antarctic underwater trenches. R. F. Usmanov. Inform. biul. Sov. antark. eksp. no. 24 5-9 '60

Recent data on the continental shelf of eastern Antarctica. IA. P. Koblents. Inform. biul. Sov. antark. eksp. no. 23 39-41 '60

ANTARCTIC REGIONS—OCEAN TEMPERATURE

Effect of the discharge of Antarctic glaciers on the hydrological regime of the Southern Ocean. I. V. Maksimov. Inform. biul. Sov. antark. eksp. no. 25, 36-38 '61

ANTARCTIC REGIONS—PENGUINS

"Curiosity" of Adelie penguins. M. A. Kuznetsov. Inform. biul. Sov. antark. eksp. no. 22 61-63 '60.

ANTARCTIC REGIONS—RUSSIAN EXPLORATION

Fifth Antarctic cruise of the diesel-electric ship "Ob'." A. I. Dubinin. Inform. biul. Sov. antark. eksp. no. 22 7-10 '60.

Radio messages from Antarctica. Inform. biul. Sov. antark. eksp. no. 22 57-59 '60

Radio messages from Antarctica. Inform. biul. Sov. antark. eksp. no. 23 43-45 '60

Radio messages from Antarctica. Inform. biul. Sov. antark. eksp. no. 24 58-61 '60.

Radio messages from Antarctica. Inform. biul. Sov. antark. eksp. no. 25, 56-58 '61

Sixth Antarctic Expedition. M. E. Ostrekin. Inform. biul. Sov. antark. eksp. no. 25:8-10 '61

ANTARCTIC REGIONS—SNOW

Blocking up of buildings with snow in Antarctica. V. S. Pelevin. Inform. biul. Sov. antark. eksp. no. 24 50-55 '60

ANTARCTIC REGIONS—SNOW—THERMAL PROPERTIES

Thermal characteristics of snow in Antarctica. I. D. Kopanev. Inform. biul. Sov. antark. eksp. no. 22 40-41 '60

ANTARCTIC REGIONS—TRANSPORTATION, AUTOMOTIVE

Conditions enabling land transportation over the snow-firn cover of eastern Antarctica. S. N. Kartashov. Inform. biul. Sov. antark. eksp. no. 22 25-28 '60

ANTARCTIC REGIONS—WEATHER FORECASTING

Establishing types of synoptic processes over the coastal area of eastern Antarctica. L. A. Zhdanov. Inform. biul. Sov. antark. eksp. no. 24 26-29 '60.

ANTENNAS (ELECTRONICS)

Determination of the current in a line antenna with a given directivity pattern. Part 1. N. V. Kovalenko. Nauch. dokl. vys. shkoly, radiotekh. i elektron. no. 2 94-108 '59.

General method for finding optimum distributions for line antennas. V. L. Pokrovskii. Dokl. AN SSSR 136 no. 3:584-586 My '61.

Simulating production errors in super-high frequency antennas. E. A. Vorob'ev. Izv. vys. ucheb. zav., prib. 3 no. 1:115-118 '60.

ANTHELMINTICS

Paribok, V. P. [Narcotics and cellular narcosis in drug therapy] Narkotiki i kletochnyi narkoz v khimioterapii. Moskva, Izd-vo Akad. nauk SSSR, 1961. 97 p.

ANTHOCYANINS

Transformations of fruit and berry anthocyanins in the course of sterilization by heat and γ-rays. M. L. Frumkin, L. P. Koval'skaia, E. V. Dorofeeva. Kons. i ov. prom. 16 no. 5:8-12 My '61.

ANTHRAQUINONE

Nitration of 1-methylanthraquinone. V. IA. Fain, Val. L. Piskidin. Zhur. ob. khim. 31 no. 5 1585-1589 My '61

Reaction of 1-haloanthraquinone with primary aromatic amines in a nonaqueous medium. T. N. Knobloch, V. I. Gordeeva. Zhur. ob. khim. 31 no. 5 1569-1571 My '61

ANTHROPOLOGY
(see also subdivision under Ukraine)

"Essays on the History of anthropology in Russia" by M. G. Levin. Reviewed by V. V. Gindzburg. Arkh. anat. gist. i embr. 40 no. 1, 100-102 Mr '61

ANTIAIRCRAFT ARTILLERY

Control of the antiaircraft battery. M. Barsuk, G. Il'ichev. Voen. vest. 40 no. 10, 57-69 O '60

ANTIAIRCRAFT GUNS

Short-range guided rotatable antiaircraft rifle. D. Mikheev, IU. Ivetlov. Voen. vest. 40 no. 10, 79-84 O '60.

ANTIBIOTICS

Amino acid composition of aureatin fractions [with summary in English]. A. H. Salem and others. Antibiotiki 6 no. 1:25-29 Ja '61

Amount of free and bound amino acids in cultures of staphylococci with acquired resistance to various antibiotics in in vitro experiments and in strains isolated from patients during the course of the treatment with antibiotics [with summary in English]. A. F. Motor. Antibiotiki 5 no. 9 76-83 Mr-Ap '60

Antibiotic decontamination of staphylococcal carriers [with summary in English]. L. V. Golomova and others. Antibiotiki 6 no. 2 144-149 F '61.

Antibiotics in the compound treatment of complications following antirabies inoculations. A. S. Bogdanova. Lech. infekts. bol'. no. 4:271-276 '60.

Antiviral properties of the new antibiotic polymyxin [with summary in English]. K. I. Germanova, A. M. Sokolova. Antibiotiki 6 no. 4 293-296 Ap '61

Basic principles in the use of modern antibiotics in infectious diseases. G. P. Rudnev. Lech. infekts. bol'. no. 4:4-13 '60.

Biochemical activity, serological properties and pathogenic characteristics of antibiotic-resistant variants of paratyphoid, dysenteric and coli bacilli [with summary in English]. P. N. Kashkin and others. Antibiotiki 6 no. 1:50-57 Ja '61.

Blood protein fractions in brucellosis patients following treatment with antibiotics, vaccine, and hormone preparations. IU. N. Guraki, IU. I. Shekeruk. Lech. infekts. bol'. no. 4:219-228 '60.

Carrying out a one-stage biological method for treating deep dental caries and pulpitis. P. S. Tkachin. Stomatologiia 40 no. 2:56-58 Mr-Ap '61.

Changes in serological properties of Friedländer's bacillus during the process of adaptation to antibiotics [with summary in English]. I. F. Zykin. Antibiotiki 6 no. 3 265-269 Mr '61

Characteristics of medicinal resistance of dysentery pathogens isolated in the city of Krasnodar [with summary in English]. M. I. Khanin, A. I. Kotlarov. Antibiotiki 6 no. 2:161-163 F '61

Clinical and experimental investigation on the effect of lyophilized Trypanosoma cruzi extracts on certain forms of cancer. J. Coudert. Antibiotiki 6 no. 2 99-105 F '61

Clinical aspects of candidomycosis as complications following antibiotic therapy. D. P. Mukhachuk, G. P. Rudnev. Lech. infekts. bol'. no. 3, 100-253 '57.

Clinical aspects of medicinal agranulocytosis and antibiotic therapy for it. A. D. Sidorova. Lech. infekts. bol'. no. 4:239-247 '60.

Comparative characteristics of antibiotic sensitivity determination methods for dysentery bacilli [with summary in English]. I. G. Birova. Antibiotiki 6 no. 1 72-71 Ja '61.

Comparative effects of antibiotics on cultures of pathogenic Escherichia coli in vitro. B. IA. Zel'manovich, L. L. Gofman. Antibiotiki 6 no. 3 201-202 Mr '61.

Comparative evaluation of the antitumor activity of the antibiotic 6270 and certain preparations from the chlorethylamine group [with summary in English]. O. B. Rossolimo, O. N. Lepeshkina. Antibiotiki 6 no. 1 39-42 Ja '61.

Comparative experimental study of erythromycin, tetracycline, and penicillin in coccal infections [with summary in English]. V. M. Sobolev, G. Sh. Burkanchiladze. Antibiotiki 6 no. 3:229-231 Mr '61

Comparative studies on various methods in the determination of antibiotic sensitivity of pathogenic microbes from the enteric group [with summary in English]. F. G. Diatlov. Antibiotiki 6 no. 4:442-346 Ap '61.

Correlation between medium composition and aeration conditions during the synthesis of antibiotic substances [with summary in English]. T. I. Gritsiuk, S. L. Irinberg. Antibiotiki 5 no. 2:24-27 Mr-Ap '60.

Cryoscopic method for determining the saturation of culture media fluids with antibiotics [with summary in English]. V. I. Iovshits. Antibiotiki 6 no. 2:119-120 F '61.

Determination of the activity of monomycin by an agar-diffusion method and its comparison with kanamycin and antibiotics from the neomycin group [with summary in English] L P Ivanitskaia Antibiotiki 6 no 3 253-255 Mr '61.

Determination of the sensitivity of typhoid fever bacteria to antibiotics in prescribing effective treatment for typhoid fever. S.A Kurina, T.I.Solovtsova, IA.V.Vetenchikova. Lech infekts bol' no 3 166-173 '57

Development of staphylococci resistant to antibiotics and its relation to the duration of antibiotic therapy [with summary in English] N.N Samoilovich Antibiotiki 6 no. 3 270-276 Mr '61

Differentiation of antibiotics from the streptothricin, neomycin, and streptomycin groups with the aid of resistant microbes [with summary in English] I S Butinovskaia, A N Shneerson, N. V Andreeva Antibiotiki 6 no. 3 255-258 Mr '61.

Dynamics of the formation of antibiotic-resistant forms of Brucella [with summary in English] V S Uraleva Antibiotiki 6 no 3,262-265 Mr '61

Dynamics of the increased resistance and crossed resistance to antibiotics of the neomycin complex monomycin, kanamycin and streptomycin [with summary in English]. V A Sherin, S P Shapovalova Antibiotiki 6 no 1 67-71 Ja '61.

Effect of antibiotic allergy on Widal reaction titers [with summary in English] V I. Pokrovskii, IU M Mikhailova. Antibiotiki 6 no 2 138-141 F '61

Effect of antibiotics and sulfonamides on transaminases in animal tissues [with summary in English]. V. M. Toperl'berg. Antibiotiki 5 no. 2 83-85 Mr-Ap '60

Effect of antibiotics from higher plants on phytopathogenic fungi and the growth of plants K T Sukhorukov, M N. Talieva Biul Glav bot sada no 39 33-42 '60

Effect of antibiotics on antigenic properties of diphtheria toxins and anatoxins in gel diffusion precipitation experiments [with summary in English]. V. N Derkach, I I Gol'bets Antibiotiki 6 no 2 153-156 F '61

Effect of antibiotics on the normal peritoneum [with summary in English] O. B. Lisitsyna. Antibiotiki 6 no 2 141-142 F '61

Effect of certain antibiotics on the acetylation of para-aminobenzoic acid in white rats [with summary in English]. N. V. Svinkina. Antibiotiki 5 no. 2 58-59 Mr-Ap '60.

Effect of imanin administered subcutaneously [with summary in English]. M. M Smyk, T. I Ivanova. Antibiotiki 5 no 2 103-104 Mr-Ap '60.

Effect of individual antibiotics and their associations on staphylococci in in vitro experiments [with summary in English]. T V Golosova. Antibiotiki 5 no. 2 95-99 Mr-Ap '60.

Effect of monomycin on the peripheral blood in rabbits and guinea pigs [with summary in English] T. P Vetlugalova Antibiotiki 6 no. 2 126-127 F '61

Effect of phosphates on the antibacterial activity of crystallomycin and amphomycin in vitro and methods for the titration of these antibiotics in animal organs and urine [with summary in English] I. A. Kunrat. Antibiotiki 5 no. 2; 88-91 Mr-Ap '60.

Effect of the local administration of corticosteroids on the course of focal purulent infection and the therapeutic effect of antibiotics [with summary in English]. V. N Solov'ev, E M. Sokolova. Pat. fiziol. i eksp. terap. 5 no. 2; 39-45 Mr-Ap '61.

Effectiveness of antibiotics in bacterial diseases of the silkworm and in increasing productiveness. E. b Afrikian and others. Dokl. AN Arm. SSR 32 no 3 155-158 '61.

Experimental data on the effect of aurantin on the peripheral blood, cardiovascular system, and diuresis [with summary in English]. A. P Belova and others. Antibiotiki 5 no 2 44-50 Mr-Ap '60.

Experimental investigation of the general toxic and antileukic action of the antibiotic 5270 [with summary in English]. A. IA. Krashtilina and others. Pat. fiziol i eksp. terap. 5 no 2-21-26 Mr-Ap '61.

Factor of permeability of the vessels in the treatment of chronic brucellosis, IU. F. Shcherbak. Lech. infekts. bol'. no. 4:296-305 '60.

Inactivation of antiphagic antibiotics by nucleic acids. N. A. Krasil'nikov, T. F. Kulmova. Dokl AN SSSR 138 no. 4:938-940 Je '61.

Influence of sulfanilamides and antibiotics on the secretory and motor function of the stomach. A.A. Akilov. Lech. infekts. bol'. no. 4:47-52 60.

Late results of treating chronic pulmonary suppuration by the intrapulmonary use of antibiotics. A. S. Melik-Karamian. Med. zhur. Uzb. no. 4:38-43 Ap '61.

Material on the antibiotic sensitivity of pathogenic serotypes of E. coli [with summary in English]. N. I Frolova, F. K. Cherkes. Antibiotiki 6 no. 3:280-281 Mr '61.

Methods in antibiotic therapy for typhoid fever. T. I. Solovtsova. Lech. infekts. bol'. no. 4:114-125 '60.

Microbe hunters. V. G. Drobat'ko. Znan. ta pratsia no 3:19-20 Mr '61.

Modification of a method used in plant growth applicable to the study of the development antibiotic-producing fungi [with summary in English]. Z. E. Bekker, R. A. Maksimova. Antibiotiki 5 no. 2:27-30 Mr-Ap '60

Nature of the effect of antibiotics on the organism in relation to its original state [with summary in English] L. L. Gromashevskaia Antibiotiki 5 no 2 31-35 Mr-Ap '60

New medicinal forms of gramicidin [with summary in English]. N. F Berent Antibiotiki 6 no 2 164-167 F '61

New method for the isolation of antibiotic 6613 and its comparison with ethamycin [with summary in English] F. B. Kruglak, N. V Konstantinova, I. A Sulavko Antibiotiki 6 no 4 296-302 Ap '61

Paper chromatography of antibiotics produced by Actinomyces violaceus strains 152-7 and 1212 [with summary in English] A. A. Mel'nikova, N. M. Veselov Antibiotiki 5 no. 2 9-13 Mr-Ap '60

Pathogenesis in recurrences of brucellosis and antibiotic therapy for them. Sh. Kh. Khodzhaev. Lech. infekts. bol'. no. 4:189-198 '60.

Pathogenic variability of kl pneumoniae under the influence of antibiotics [with summary in English] L. F Zykin Antibiotiki 6 no. 4:356-359 Ap '61

Peculiarities in the clinical aspects and antibiotic therapy in the over-all treatment of present-day brucellosis. G P. Rudnev, M. M. Mikhailova. Lech. infekts. bol'. no. 4:64-68 '60.

Peculiarities of recovery in antibiotic therapy. G. P. Rudnev. Lech. infekts. bol'. no. 4 289-295 '60.

Phage typing of antibiotic resistant staphylococci isolated in in vitro experiments and obtained from medical personnel and patients [with summary in English] A I Moroz. Antibiotiki 6 no 2 148-152 F '61

Pharmacological studies of antibiotic 6270 [with summary in English]. L. I. Gol'dberg Antibiotiki 5 no 2 50-55 Mr-Ap '60.

Polyporenic acid A, an antibiotic from the fungus Polyporus betulinus (Bull) Karst [with summary in English] O. M. Efimenko and others Antibiotiki 6 no 3:215-220 Mr '61.

Preservation of antibiotic resistance in microbes from the enterotyphoid group in river water [with summary in English]. I. P. Kolukanov. Antibiotiki 6 no 4 352-356 Ap '61.

Problem of the use of hypertonic solutions with chemical therapeutic preparations. G. L Faver Antibiotiki 5 no. 2:119-120 Mr-Ap '60.

Result of treating patients with generalized brucellosis with antibiotics and vaccines under hospital conditions. L. V. IArovoi, V. F. Bilukova, V. A Shalomaenko. Antibiotiki 6 no 3,238-240 Mr '61

Results of treating abdominal tuberculosis with antibiotics [with summary in French]. B. K. Ignativichute. Probl. tub. 38 no. 3,41-46 '60.

Sensitivity to antibiotics of L-form bacteria and of their reversed cultures [with summary in English] V S Levashev. Antibiotiki 6 no. 4 346-349 Ap '61.

Side effects following the treatment of typhus fever patients with antibiotics. A. V. Eremenko. Lech. infekts. bol'. no. 4:144-153 '60.

Simple method for evaluating microbial capacity to secrete substances destroying antibiotics [with summary in English]. I F. *Demikhovskii*. Antibiotiki 6 no 3 258-262 Mr '61.

Soil bacteria as a possible source of new antitumor substances [with summary in English] E. G Terapova Antibiotiki 6 no. 2,105-107 F '61

Some characteristics of the circulation and excretion from the organism of antibiotics of the neomycin complex, *monomycin*, and kanamycin [with summary in English] I. A. Kunrat. Antibiotiki 6 no. 2:121-126 F '61

Some results and prospects in an experimental and clinical study of antibiotics in the light of objectives of the seven-year plan Z. V. Ermol'eva Vest. AMN SSSR 15 no. 4:36-44 '60

Strategy and tactics in the use of antibiotics and prospects for a further study G F Gauze. Vest. AMN SSSR 15 no 4 44-49 '60

Studies on antibiotic resistance of pathogenic serotypes of Escherichia coli [with summary in English] L N Krasnova. Antibiotiki 6 no 2:158-160 F '61

Studies on conditions for the biosynthesis of antibiotic 26/1 [with summary in English]. A. M. Bezborodov, *V. P. Namestnikova*. Antibiotiki 5 no. 2:20-23 Mr-Ap '60.

Studies on the antimicrobial effects of certain antibiotics on the whooping cough bacillus [with summary in English]. G. V. Spivak *and others*. *Antibiotiki* 6 no. 4 350-352 Ap '61.

Studies on the effect of antibiotics on intestinal microflora in man [with summary in English]. M. I Grinzaid. Antibiotiki 5 no. 2:99-103 Mr-Ap '60.

Studies on the effect of subarachnoid mycerin on the central nervous system under experimental conditions *[with summary in English]*. V. F. Imshenetskaia, N IA. Vasin. Antibiotiki 6 no. 1:44-49 Ja '61

Studies on the preventive and therapeutic *activity of certain* antibiotics on Bac. perfringens, V. septique and Bac oedematiens [with summary in English]. IU. B. Safarov. Antibiotiki 6 no. 1:55-58 Ja '61.

Supporting the active stage of organisms producing gramicidin [with summary in English]. G. V Kochetkova, I. S. Novikova. Antibiotiki 6 no. 2:163-164 F '61.

Synergistic effect of cycloserine in association with other antibiotics in relation to staphylococcus. Report No. 1 [with summary in English]. M Ilnis, M. Roman, M Elian. Antibiotiki 5 no 2, 85-87 Mr-Ap '60

Synthesis of the precursors and fragments of antibiotics Part 4 Thioglycolic acid derivatives M F Shostakovskii and others Zhur ob khim 31 no 5 1453-1458 My '61

Synthesis of the precursors and fragments of antibiotics Part 5 Synthesis of di- and trihaloderivatives of cyclohexenecarboxylic acid O F Bountomina, M F Shostakovskii N F Vasil'eva Zhur ob khim 31 no 5 1458-1462 My '61

Synthesis of the precursors and fragments of antibiotics Part 6 Derivatives of lactam-containing mercaptoacetic acid M F. Shostakovskii, T M Voronkina, F P Sidel'kovskaia. Zhur. ob khim 31 no 5 1463-1465 My '61

Systematic position of the organism producing antifungal antibiotic 26/1 [with summary in English] P N Golia kov Antibiotiki 6 no. 1 287-293 Ap '61

Therapeutic effect of monomycin in experimental tularemia [with summary in English] E M Tsvetkova Antibiotiki 6 no. 1 327-330 Ap '61

Toxicity of antibiotics in cultures of chick embryo fibroblasts [with summary in English] A F. Zak Antibiotiki 6 no. 3 246-251 Mr '61

Treatment of certain skin diseases with chlorethyl block and phytoncides Kh A. Bozdian, R A Bazian Vest dermat i ven 35 no 1,60-62 Ap '61

Treatment of patients with bronchiectasis with antibiotics associated with bronchoscopy E G. Leizerovskaia, M I. Leklisova Terapiarkh 33 no 1 49-54 '61.

Treatment of periodontitis with antibiotics. P. V. Kudin and others. Stomatologiia 40 no. 1:25-26 Ja-F '61.

Treatment of pulpitis with antibiotics. A. I. Gasak-Zade. Stomatologiia 40 no 2 11-13 Mr-Ap '61.

Treatment of serous exudative pleuritis with antibiotics and drugs [with summary in French]. A. A. Saleev. Probl. tub. 38 no. 3;35-40 '60.

Treatment of typhoid and paratyphoid diseases by a combination of small doses of antibiotics A. L Katsenovich, I. G. Idessis Med zhur Uzb no 1 32-37 Mr '61

Treatment of typhus fever with some antibiotics. P. A. Gal'perin, A V. Lisenenko. Lech infekts. bol'. no. 3 31-38 '57.

Use of certain nitrofurans and antibiotics in erysipelas [with summary in English] Zh M. Lopatina Antibiotiki 6 no. 3:233-238 Mr '61

Use of remainders of antibiotics in containers. L. L. Gol'dzand. Fel'd. i akush. 25 no. 4:52 Ap '60.

ANTIBIOTICS—CONGRESSES

Some results of our visit to the United States. G F. Gauze Vest AMN SSSR 15 no 3 71-82 '60

ANTIBIOTICS—TOXICOLOGY

Comparative studies on antibiotic toxicity in cultures of transplantable human amnion cells [with summary in English] I P. Fomina, S. M Navashin Antibiotiki 6 no 4,319-324 Ap '61.

ANTICONVULSANTS

Comparative anticonvulsant activity of phenothiazine derivatives in experimental electric shock [with summary in English]. K. S. Raevskii. Biul. eksp. biol. i med. 51 no. 2, 64-68 F '61.

ANTIGENS AND ANTIBODIES

Anti-A and anti-B isoimmune antibodies and their role in blood transfusion and in pregnancy [with summary in English, p. 62]. T. M. Novachenko. Probl. gemat. i perel. krovi 5 no. 2 29-34 F '60.

Antigenic properties of Escherichia coli excreted by various persons M A. Akhtamov, T Khakimzarov Med. zhur. Uzb. no 3 23-25 Mr '61.

Antigens and antibodies. W Boyd Pat. fiziol i eksp terap. 4 no 2 3-11 Mr-Ap '60.

Electrophysiological analysis of the action of antigens on the angioceptors [with summary in English]. A. N. Gordienko and others. Biul. *eksp. biol. i med. 49 no.* 2-90-94 F '60.

Immunological properties of certain fractions of Ehrlich's adenocarcinoma in mice. Report No. 1: Studying the antigen composition of tumor fractions by anaphylaxis with desensitization [with summary in English]. I. S. Bathkaev. Biul. eksp. biol. i med. 49 no. 3:93-97 Mr '60.

Modern views on autoantigens V A. Parnes. Pat fiziol i eksp terap. 4 no 2 78-88 Mr-Ap '60

Normal antibodies during regeneration in invertebrate animals. Report No. 1: Normal antibodies against regenerating tissue of the ray of Asterias rubens [with summary in English]. O. E. Viazov, A. I. Murashova. Biul. eksp. biol. i med. 51 no. 2,100-102 F '61.

Phage-induced changes in the antigen complexes of Brucella [with summary in English]. I. I. Dubrovskaia, N. N. Ostrovskaia. Biokhimiia 26 no. 2;290-296 Mr-Ap '61.

Presence of a heterogenic antigen in Crocker's sarcoma [with summary in English] T. P. Konstantinova. Biul. eksp. biol. i med. 49 no. 3:85-89 Mr '60.

ANTIGENS AND ANTIBODIES (Continued)
Reflex response in blood circulation and respiration produced by antigen contact with chemoreceptors of the skeletal muscles [with summary in English] G. A. Ermina. Pat. fiziol. i eksp. terap. 4 no. 2 37-41 Mr-Ap '60
Role of lymphoid organs in the formation of antitoxic immunity [with summary in English] G. V. Shumakova. Biul. eksp. biol. i med. 51 no. 3 80-84 Mr '61.
Signs of autoaggression in the mechanism of blood regeneration [with summary in English]. IA. G. Uzhanskii, I. V. Pavlova. Pat. fiziol. i eksp. terap. 4 no. 4 52-57 Jl-Ag '60
Specific antigens of the central nervous system [with summary in English] A. V. Sokolov. Pat. fiziol. i eksp. terap. 4 no. 2 24-26 Mr-Ap '60
Study of strain-specific antigens in A and C57BL strains of mice [with summary in English] B. V. Konnikhov, D. M. Glukharev. Biul. eksp. biol. i med. 51 no. 1 97-101 Ja '61
Use of the microagglutination reaction with antigen of Rickettsia burnetii for the serodiagnosis of Q fever in children. L. I. Shiromin. Med. zhur. Uzb. no. 3 21-23 Mr '61

ANTIMETABOLITES
Effect of glycolytic cycle and tricarboxylic acid cycle inhibitors on the chemical sensitivity of the carotid sinus and intestinal reflexogenic zones [with summary in English]. Den Si-sian' [Têng Hsi-hsien]. Biul. eksp. biol. i med. 51 no. 3 13-18 Je '61

ANTIMONY—ANALYSIS
Coulometric titration of iron, antimony, and tin by means of electrolytically generated permanganate ions. A. I. Kostromin, S. A. Flegontov. Zav. lab. 27 no. 5 528-530 '61.

ANTIMONY-BORON ALLOYS see Boron-antimony alloys

ANTIMONY-CADMIUM ALLOYS see Cadmium-antimony alloys

ANTIMONY-MANGANESE ALLOYS see Manganese-antimony alloys

ANTIMONY ORES see subdivision under Fergana

ANTIMONY ORGANIC COMPOUNDS—SPECTRA
Infrared absorption spectra of organometallic compounds in the ethylene series. Cis-, trans-configuration of propylene antimony compounds (Sb^{III} and Sb^{V}). A. E. Borisov, N. V. Novikova, N. A. Chumaevskii. Dokl. AN SSSR 136 no. 1 129-132 Ja '61

ANTIMONY OXIDE
Fractionation of the microcomponents in the processes by which high-purity antimony oxide is prepared. G. I. Gorshtein, G. T. Danielova, E. A. Rif. Zhur. prikl. khim. 33 no. 10 2180-2184 O '60.

ANTIMONY SELENIDE—ELECTRIC PROPERTIES
Investigating induced conductivity in thin Sb_2S_3 and Sb_2Se_3 layers. V. I. Fomina. Fiz. tver. tela 3 no. 3 701-703 Mr '61

ANTIMONY SULFIDE—ELECTRIC PROPERTIES
Investigating induced conductivity in thin Sb_2S_3 and Sb_2Se_3 layers. V. I. Fomina. Fiz. tver. tela 3 no. 3 701-703 Mr '61.

ANTI-NAZI MOVEMENT see subdivision under Germany

ANTIOXIDANTS
Effect of antioxidants on the oxidation kinetics of the ligroine-kerosine fraction of synthol. I. V. Rozkhov, E. N. Kornilova. Khim. i tekh. topl. i masel 6 no. 5 54-57 My '61.
Protection of carbon and graphite from oxidation at temperatures up to 1200°. M. V. Sazonova, A. IA. Sitnikova, A. A. Appen. Zhur. prikl. khim. 34 no. 3 505-512 Mr '61.

ANTIPYRETICS
Dependence of pharmacological effect upon the ratio of combined substances. N. K. Barkov. Farm. i toks. 24 no. 1 36-40 Ja-F '61.

ANTIQUITIES see Archaeology; Man, Prehistoric, also subdivision 'Antiquities' under Andizhan Province; Bol'shoy Tokmak District; Georgia; Izhdevan District; Kerch region; Khotin District; Makhan Darya Valley; Mongolia; Novo-Vasil'yevka District; Otynya District; Volga Valley; Vychegda Valley; Zimbabwe, Mashonaland

ANTIRECTICULAR CYTOTOXIC SERUM
A. A. Bogomolets's serum in the prophylaxis and therapy of radiation sickness. O. O. Horodets'kyi. Fiziol. zhur. [Ukr.] 7 no. 3 369-370 My-Je '61.

ANTISEPTICS
Bacteria killers. E. Belen'kii. Nauka i zhizn' 28 no. 4: 79-80 Ap '61.
"Physical antisepsis and the treatment of wounds" by E. M. Krakinovskaia. Reviewed by I. A. Zinov'ev. Sov. zdrav. 20 no. 4 75-76 '61

ANTITOXINS see Toxins and antitoxins

AORTA
Effect of castration on blood cholesterol in experimental (nutritional) atherosclerosis of the aorta [with summary in English] S. Kh. Sidorovich, I. N. Zarudina. Pat. fiziol. i eksp. terap. 4 no. 4 61-67 Jl-Ag '60
Reduction of dehydroascorbic acid by the aortic tissue in acute radiation sickness in guinea pigs [with summary in English] L. I. Polikarpova. Biul. eksp. biol. i med. 51 no. 3 58-60 Mr '61.
Tissue structure of the aorta in primates [with summary in English]. N. G. Khlopin. Arkh. anat. gist. i embr. 38 no. 3 17-27 Mr '60

AORTA—DISEASES
Analysis of the duration of systolic phases in the diagnosis of aortic defects. S. B. Fel'dman. Klin. med. 39 no. 5 106-111 My '61

AORTA—RADIOGRAPHY
Comments on lumbar aortography. S. I. Elizarovskii, R. N. Kalashnikov. Khirurgiia 37 no. 5 116-21 My '61

AORTA—RUPTURE
Case of rupture of the aortic arch in closed trauma of the thorax. G. L. Farber. Khirurgiia 37 no. 5 116 My '61

APAKAYEVO—ECONOMIC CONDITIONS
A trip to Kokushkino. V. Krivlakin, M. Faizullin. Sov. Potreb. koop. 4 no. 4 26-27 Ap '60.

APARTMENT HOUSES
(see also subdivision under Moscow)
Microclimate in large-panel apartment houses with built-up roofs. V. Ruseiko. Zhil. stroi. no. 4 17-19 Ap '61.
Multistory housing construction on the collective farms. Z. Vasserman. Sel'. stroi. 15 no. 3 4-5 Mr '61
New model plans for large-panel apartment houses. Biul. stroi. tekh. 18 no. 5 36-37 My '61
Production of apartment houses from silicalcite by a housing construction combine. N. I. Vasil'ev. Transp. stroi. 11 no. 4 26-28 Ap '61.

APARTMENT HOUSES—MAINTENANCE AND REPAIR
"Malysh -1" portable hoist. IA. Mednis. Zhil.-kom. khoz. 11 no. 2 25 F '61.

APARTMENT HOUSES—SANITATION
Physiohygienic principles of permissible levels of noise intensity in multistory apartment houses [with summary in English] P. R. Vainshtein, P. I. Leushin, A. I. Shafir. Gig. i san. 25 no. 3 23-29 Mr '60

APATITE
(see also subdivision under Lovozero Tundras; Nortl'uk region)
Blue color of apatites. V. M. Vinokurov, M. M. Zaripov. Dokl. AN SSSR 136 no. 1 61-62 Ja '61.

APHASIA
Investigation of abstractions and generalizations in patients with aphasia. E. P. Kok. Vop. psikh. i nevr. no. 5 293-299 '59.

APHORISMS AND APOTHEGMS see subdivision under Ukraine

APNOEA
Case of prolonged apnoea from the use of diplatsin. G. P. Mamontov. Akt. vop. obezbol. no. 2 127-130 '60.

APOMORPHINE
Analysis of the method of treating chronic alcoholism with apomorphine. A. A. Litmanovich. Vop. psikh. i nevr. no. 5 11-14 '59.

APPARATUS, OPHTHALMOLOGICAL see Eye, Instruments and apparatus for

APPELLATE COURTS see subdivision under Kostroma Province

APPELLATE PROCEDURE
(see also subdivision under Communist Countries)
Prituzova, V. A. [Evaluation of findings of experts by appellate courts] Otsenka zakliuchenii kriminalisticheskoi ekspertizy vyshestoiashchim sudom. [Moskva] Izd-vo Mosk. univ., 1960. 36 p.
Supervisory examination of criminal cases. P. Lukanov. Sots. zakon. 38 no. 6 35-36 Je '61.

APPENDIX (ANATOMY)
Age-related peculiarities in the structure of the ileocecal and appendicular valves. A. I. Saidaliev. Med. zhur. Uzb. no. 11 56-60 N '60.

APPENDIX (ANATOMY)—ABNORMITIES AND DEFORMITIES
Atypical location of the appendix. E. IA. Breigin. Zdrav. Belor. 6 no. 4 64 Ap '60.

APPENDIX (ANATOMY)—DISEASES
Case of invagination of the vermiform process into its own lumen. M. Kh. Borokhov. Med. zhur. Uzb. no. 4 53 Ap '61.

APPENDIX (ANATOMY)—TUBERCULOSIS
Tuberculosis of the appendix. B. S. Geller. Zdrav. Belor. 6 no. 4 67 Ap '60.

APPETITE
Appetite. R. M. Khai'kova. Doskh. vosp. 34 no. 5 89-91 My '61.

APPLE
Catechol content of apples. L. I. Vigorov. Izv. vys. ucheb. zav., pishch. tekh. no. 2 45-50 '61.
Studying nucleic acids in genetically related apple trees produced through breeding. G. P. Surenkov, N. M. Kireeva. Nauch. doki. vys. shkoly, biol. nauki no. 2 186-190 '61

APPLE JUICE—MICROBIOLOGY
Elimination of the decrease in biological acidity in apple juice caused by Schizosaccharomyces acidodevorans [with summary in English]. D. K. Chalenko, T. I. Karsakova. Mikrobiologiia 30 no. 1 152-157 Ja-F '61.

APPLIED MECHANICS see Mechanics, Applied

APPROXIMATE COMPUTATION
Approximate solution of a nonlinear equation [with summary in English] A. N. Grugin. Inzh.-fiz. zhur. 4 no. 5 111-114 My '61

APRICOT
Abnormalities in peach and apricot flowers associated with retarded flowering. A. S. Tur. Bot. zhur. 45 no. 4 601-606 Ap '60.

APSHERON PENINSULA—CARROTS
Wild carrot (Daucus carota L.) [in Azerbaijani with summary in Russian] G. A. Akhmedbeili. Uch. zap. AGU. Biol. ser. no. 4 13-19 '60

APSHERON PENINSULA—CENTAUREA
Occurrence of Potamogeton pectinatus L. and Centaurea adpressa Led. in Apsheron. S. D. Agadzhanov. Uch. zap. AGU. Biol. ser. no. 1 11-13 '60.

APSHERON PENINSULA—EROSION
Some features in the formation of the sculptural relief of Apsheron. V. G. Rikhter. Izv. AN SSSR, Ser. geog. no. 1 69-76 My-Je '61.

APSHERON PENINSULA—GAS, NATURAL—STORAGE
Possible objects for underground gas storage in the Apsheron Peninsula. M. Z. Chelomordikov, G. M. Taglev. Trudy AzNII DN no. 9 233-242 '60.

APSHERON PENINSULA—PONDGRASS
Occurrence of Potamogeton pectinatus L. and Centaurea adpressa Led. in Apsheron. S. D. Agadzhanov. Uch. zap. AGU. Biol. ser. no. 1 11-13 '60

APSHERON PENINSULA—SHRUBS
Introducing certain tree and shrub species of the Azerbaijan flora on the Apsheron Peninsula. M. M. Alizade. Biul. Glav. bot. sada no. 38 8-14 '60.

APSHERON PENINSULA—TREES
Introducing certain tree and shrub species of the Azerbaijan flora on the Apsheron Peninsula. M. M. Alizade. Biul. Glav. bot. sada no. 38 8-14 '60.

AQUATIC INSECTS see Insects, Aquatic

AQUATIC PLANTS
Water economy of some hydrophytes [with summary in English] N. I. Antipov. Fiziol. rast. 8 no. 3 264-283 '61.

ARABIC LANGUAGE
The history of language problems in Arabic countries. K. V. Ode-Vasil'eva. Vop. taz. i lit. no. 1 135-145 '60.

ARABIC LITERATURE—HISTORY AND CRITICISM
Gibb, Hamilton Alexander Rosskeen. [Arabic literature; the classic period] Arabskaia literatura; klassicheskii period. Moskva, Izd-vo vostochnoi lit-ry, 1960. 185 p. (MH)

ARABOGALACTANS
Water extractives from larch wood. I. P. TSvetaeva, M. K. IUr'eva. Izv. vys. ucheb. zav., les. zhur. 3 no. 1 148-151 '60.

ARAL KARA-KUM—GERBILS AS CARRIERS OF DISEASE
Characteristics of the geographical distribution of colonies of the greater gerbil and elementary plague foci in the Aral Kara-Kum [with summary in English]. E. V. Rotshil'd. Zool. zhur. 40 no. 5 740-752 '61.

ARAL SEA—FISHERIES
The cause of human conscience and the workers' revolution. S. Shalugin. Part. zhizn' Kazakh. 30 no. 4: 54-56 Ap '60.

ARAL SEA—METEOROLOGY, MARITIME
Theory of thermal interaction of the sea, the atmosphere, and the continent. S. K. Olevinskaia. Izv. AN SSSR, Ser. geofiz. no. 6 926-932 Je '61.

ARAL SEA REGION—ONIONS
Biology of the flowering of bulb onions in the semidesert zone of the southern Aral Sea Region [with summary in English]. R. A. Kurdinnikova. Trudy po prikl. bot., gen. i sel. 32 no. 3 223-227 '59.

ARARAT, ARMENIA—KILNS, ROTARY
Metal coating of a rotary kiln casing at the Ararat Cement Slate Combine. T. O. Shakhbazian. Nauch. soob. NIITSementa no. 9:30-31 '60.

ARBITRATION AND AWARD
(see also subdivision under Leningrad Province)
Decisions of arbitration agencies. Rad. pravo no. 3: 136-138 My-Je '61.
Decisions of arbitration agencies. Sov. iust. no 4:03-04 Ap '60.
Decisions of arbitration agencies Sov iust. no 10 32 My '61
Decisions of arbitration agencies. Sov. iust. no. 11:32 Je '61.
Decisions of the State Arbitration Agency attached to the Council of Ministers of the U S S. R. Sots. zakon 37 no 4 90-91 Ap '60
Decisions of the State Arbitration Agency attached to the Council of Ministers of the U.S.S.R. Sots. zakon. 38 no. 6 91-92 Je '61.
We should change procedure in reviewing the decisions of province arbitration agencies. V. Ovsiienko. Rad. pravo no. 3:113-117 My-Je '61.
The work of state arbitration agencies under present-day conditions A. Volin Sots. zakon 37 no 4 15-23 Ap '60

ARBORETUMS see subdivision under Dolinskaya District; Kharkov Province

ARCHAEOLOGY see subdivision under Daghestan; Rumania; Russia, Southern; Ukraine; Uzbekistan, also subdivision 'Antiquities' under Andizhan Province; Bol'shoy Tokmak District; Georgia; Izhdevan District; Kerch region, Khotin District, Makhan Darya Valley; Mongolia; Novo-Vasil'yevka District; Otnya District; Volga Valley; Vychegda Valley; Zimbabwe, Mashonaland

ARCHAEOLOGY—CONGRESSES
Session on the results of archaeological expeditions in 1955. I. I. Al'baum. Izv. AN Uz. SSR no 7:95-97 '56.

ARCHAEOLOGY—STUDY AND TEACHING
Archaeological local lore. A. I. Aleksandrov Prep ist. v shkole 18 no. 3 76-79 My-Je '61

ARCHANGEL—BRIDGES—FOUNDATIONS AND PIERS
Sinking reinforced concrete shells with a diameter of 4 m into fine-grained sand. B. A. Bezrukov, L. N. Podol'nev, B. V. Suvorov. Transp. stroi 11 no 4 19-21 Ap '61.

ARCHANGEL—COMMERCE
Foreign trade operations of the Archangel port at the beginning of the 19th century; 1801-1807 [with summary in English]. N. I. IAkovkina. Vest LGU 16 no. 6 59-66 '61.

ARCHANGEL PROVINCE—LUMBERING
For new construction on virgin lands. E. Romantsov. Komsom. zhizn' no. 5:11-13 Mr '60.

ARCHANGEL PROVINCE—PINE
Structure of the pine forests in Archangel Province. Report No. 1. I. I. Gusev. Izv. vys. ucheb. zav.; les. zhur 3 no. 1:21-28 '60.

ARCHANGEL PROVINCE—STOMATOLOGY
First conference of stomatologists of Archangel Province. L. N. Kaftas'eva. Stomatologiia 40 no. 2:107 Mr-Ap '61.

ARCHERY see subdivision under Georgia

ARCHES
Designing reinforced concrete arches using the method of limiting equilibrium. N. V. Akhvlediani. Strol mekh. i raschet soor. 2 no. 2 22-26 '60.
Foundations for the arches of livestock buildings. E. Gendel', Sot', stroi. 16 no. 2:26-27 F '61.
Lattice timber arch structures. I. Giladeshkin. Tekh. mol. 29 no. 5:32 '61.
Lightweight designs of reinforced-concrete arches. I. Brumshtein, A. Denisarabenko. Sel'. stroi. 15 no. 2: 26 F '61.
Precast bolded-panel arch. A. I. Rabinovich. Bet. i zhel.-bet. no. 3:132-135 Mr '61.
Stability of a hingeless parabolic trussed arch. V. V. Kholchov. Trudy MIIT no. 131:247-252 '61.
Stability of a two-hinged arch with a tie rod and suspension rods. M. IA D'iakov. Strol. mekh. i raschet. soor. 3 no. 2:35-30 '61.
Stability of arches with superstructure. L. G. Lopatyshkin. Trudy Ural. politekh. inst. no. 99:23-30 '60.
Strength analysis of a two-hinged parabolic trussed arch. V. V. Kholchov. Trudy MIIT no. 131:126-131 '61.

ARCHES—VIBRATION
Using an integration matrix in studying vibrations of a circular arch. A. F. Smirnov. Trudy MIIT no. 131: 5-16 '61.
Vibration of arches subjected to live loads A B Moiseevskii. Stroi mekh i rasch sooi 2 no 2 1-6 '60

ARCHITECTURE
(see also subdivision under Kiev; Mongolia)
Architecture and technical progress. G. Borisovskii. Novyi mir 37 no. 5:168-179 My '61.
Intensification of contradictions in the architecture of the capitalist countries S khan-Magomedov Arkhit SSSR no 4 49-56 '61
What's new around us A Kozlova. Neva no 4 201-206 '61

ARCHITECTURE—ABSTRACTS
[Journal of abstracts: Construction and architecture.] Ref zhur.: Stroi. i arkhit no.3 '61

ARCHITECTURE—BIBLIOGRAPHY see Bibliography—Architecture

ARCHITECTURE—COMPOSITION, PROPORTION, ETC.
"Studies on the theory of architectural composition." Reviewed by A. Zhuravlev. Iskusstvo 24 no. 4 70-73 '61.

ARCHITECTURE—CONGRESSES
Architectural forum. N. Svetlova. Ogonek 30 no. 22:1 My '61.
In celebration of the Third All-Union Congress of Soviet Architects Zhil stroi no 4 3 of cover Ap '61

ARCHITECTURE—CONSERVATION AND RESTORATION
(see also subdivision under Leningrad; Samarkand)
The monuments of culture belong to the nation. D. S. Likhachev Ist. SSSR 5 no 3 3-12 My-Je '61.

ARCHITECTURE—DESIGNS AND PLANS
More on costs in planning organizations A Lazovskii Bukhg uchet 18 no 5 40-43 My '61

ARCHITECTURE, DOMESTIC
Malozhikh, G. I. [A house made of local materials; advice to individual home builders] Dom iz mestnykh materialov; sovety individual'nym zastroishchikam. [Tula] Tul'skoe knizhnoe izd-vo, 1960. 174 p.

ARCHIVES see subdivision under Ukraine

ARCHMAN—HEALTH RESORTS, WATERING PLACES, ETC.
Hemodynamic changes in hypertension patients following treatment at the Archman Health Resort D. M Allaberdyev. Zdrav. Turk 5 no 2:12-17 Mr-Ap '61.
Indications for treating women with somatic diseases at the Archman Health Resort. V. I. IUfarkin Zdrav. Turk 5 no 2:17-18 Mr-Ap '61.

ARCONEDA, CESAR MUNOZ, 1900-
The Spanish farce of the 1930's and C. Arconeda's farce "Conquest of Madrid." L. A Romadinova. Uch. zap. Mosk. gor. ped. inst. 75 213-229 '58.

ARCTIC REGIONS—DRIFTING ICE STATIONS
Communists of high latitudes Ed. Arenin. Zvezda no 4 170-171 Ap '61.

ARCTIC REGIONS—SEISMOMETRY
Structure of the earth's crust in the Arctic. S. F. Obotina. Izv. AN SSSR. Ser. geofiz. no. 6:818-821 Je '61.

ARCTIC REGIONS—SURVEYING
Selection of sites for setting station marks and bench marks in the tundra M. S. Uspenskii. Geod i kart. no. 4:30-34 Ap '61.

ARDATOV DISTRICT—COLLECTIVE FARMS—INCOME DISTRIBUTION
Economic efficiency of monetary wages on collective farms. I. I. Sanaev, P. G. Brankov. Dokl. i soob. VNIESKH no. 3.01-100 '60.

AREA MEASUREMENT
The area measurement units of the 17th century. Z. A. Ogrizko. Probl. istoch. no 9:258-261 '61.
Mechanization of measurements of the area of flat figures with an arbitrary shape and the outlook for its development. I. I. Kapustin, P. I. Shirokov. Izv. vys. ucheb. zav.; mashinostr. no. 1:35-44 '60.

ARGENTINA—FOREIGN RELATIONS—RUSSIA
Lawlessness in Buenos Aires. Nov. vrem. 19 no. 24:23 Je '61.

ARGON
Argon retention in microcline. A. M. Kuz'min. Geokhimiia no. 5:456-458 '61.
Retention of radiogenic argon in glauconites. G. A. Murina, V. D. Sprintsson. Geokhimiia no. 5:459-462 '61.

ARGON—ISOTOPES
Cosmogenic isotopes in the Yardymly meteorite. L. K. Levskii. Geokhimiia no. 4:358 '61.

Use of a volumetric method for the determination of radioactive argon in minerals. O. IA. Gel'man. Radiokhimiia 3 no. 2:215-224 '61.

ARID REGIONS see subdivision under Africa

ARISTOTELES
Aristotle on the nature of the state and the grounds for its establishment [in Georgian with summary in Russian]. M. Alekseishvili. Trudy Tbil. GU 77 237-259 '59.

ARITHMETIC—STUDY AND TEACHING
Assignments for independent work of students in arithmetic classes M. I. Moro. Nach. shkola 20 no. 5 60-66 My '61.
Sample test papers on arithmetic. M. S. Nakhimova, M. N. Rozanov. Nach. shkola 20 no. 5:66-80 My '61

ARITHMETIC, COMMERCIAL see Business mathematics

ARKHYPIVNA, LARYSA
Happiness from serving the people Ivan Kushko Mystetstvo 8 no. 2 35 Mr-Ap '61

ARKOSES see subdivision under Saksagan' Valley

ARM—FRACTURE
Exercise therapy in diaphysial fractures of the bones of the forearm after intraosseous fixation with metal nails [with English summary in insert]. L. N. Naumova. Ortop. travm. i protez. 22 no. 1 59-64 Ja '61.

ARMAVIR—EXTRACTION APPARATUS
Operation of the cartridge-type micelle filters. L. N. Lashko. Masl.-zhir. prom. 27 no. 5:42-44 My '61.

ARMENIA—ALBUMS
Photographic annals of the new Armenia. G. Borian. Sov. foto 21 no. 5:45 My '61.

ARMENIA—BOTANY, MEDICAL
Valuable botanical manuscript in the Matenadaran Library. S. G. Narinian Bot. zhur. 45 no 4 614-617 Ap '60

ARMENIA—DESCRIPTION AND TRAVEL
In sunny Armenia. D. I. Shcherbakov. Priroda 50 no. 5: 67-74 My '61.

ARMENIA—ECONOMIC CONDITIONS
The 40th anniversary of Soviet Armenia S. M. Antoniuk. Ukr. ist zhur. 5 no 3:143-144 My-Je '61

ARMENIA—FLOUR
Baking qualities of flour from certain wheat varieties in Armenia. N. M. Sisakian, L. S. Markosian Biokhim zerna no 5 65-88 '60

ARMENIA—GOUT
Changes in the purine metabolism of man and animals under conditions prevailing in molybdenum biogeochemical provinces [with summary in English]. V. V. Kovalskii, G. A. IArovaia, D. M Shmavonian. Zhur ob biol. 22 no 3:179-191 My-Je '61.

ARMENIA—NATIONALITIES
A session dedicated to the 40th anniversary of Soviet rule in Armenia. Ist. SSSR 5 no. 2:225-226 Mr-Ap '61

ARMENIA—NEMATODA
New species of nematode Heterodera rumicis sp. n (Nematoda, Heteroderidae) from the Armenian S S R E. E. Pogosian. Dokl AN Arm. SSR 32 no. 3:171-175 '61.

ARMENIA—PHOTOGRAPHY—EXHIBITIONS
Epic of labor achievements. V. Amal'ian. Sov. foto 21 no. 5:28-29 My '61.

ARMENIA—POLITICS AND GOVERNMENT
Armenian S. S. R. Verkhovnyi Sovet. [Meetings of the Fifth Supreme Soviet of the Armenian SSR, third session, March 24-25, 1960; a verbatim report] Zasedaniia Verkhovnogo Soveta Armianskoi SSR; piatogo sozyva, tret'ia sessiia, 24-25 marta 1960 g., stenograficheskii otchet. Erevan, 1960. 204 p.

ARMENIA—RESTAURANTS, LUNCHROOMS, ETC.
Struggling for a new way of life. A. Piruzian. Obshchestv. pit. no. 5:11-12 My '61.

ARMENIA—SOILS—LEAD CONTENT
Biogeochemical provinces rich in lead. A. I. Makarova. Trudy Biogeokhim. lab. no. 11:215-220 '60.

ARMENIAN TALES see Tales, Armenian

ARMIES see also subdivision 'Army' under Russia

ARMS AND ARMOR see subdivision under Mtskheta

AROMATIC COMPOUNDS
Duration of the ultraviolet fluorescence of some aromatic compounds. T. V. Ivanova, P. I. Kudriashov, B. IA Syeshnikov. Dokl. AN SSSR 138 no. 3:572-574 My '61.

AROMATIC COMPOUNDS—SPECTRA

Infrared spectra and structure of some nonbenzoid aromatic compounds. B. E. Zaitsev, Iu. N. Sheinker, Iu. D. Koreshkov. Dokl. AN SSSR 136 no. 5 1090-1092 F '61.

ARONSON, VALDIMIR ALEKSANDROVICH, 1896-1960

In memory of Professor V. A. Aronson, obituary. Stomatologiia 40 no. 1 110 Ja-F '61.

ARRHYTHMIA

Case of a peculiar rhythm disorder. M. S. Beniumovich. Klin. med. 39 no. 5 135-137 My '61.

Clinical aspects of paroxysmal tachycardia. M. K. Gordon. Klin. med. 39 no. 5 135-136 My '61.

Pharmacology of a new antiarrhythmia substance -- ajmaline. L. I. Gendenshtein, IA. I. Khadzhai. Farm. i toks. 24 no. 1 49-57 Ja-F '61.

ARSENAZO

Analytical chemistry of thorium. Part 3. Photometric determination of thorium with arsenazo III in natural materials. V. F. Lukianov, I. V. Nikol'skaia, E. S. Kozlova. Radiokhimiia 3 no. 2 239-240 '61.

Rapid extraction-photometric determination of uranium with arsenazo III. P. N. Palei, A. A. Nemodruk, A. V. Davydov. Radiokhimiia 3 no. 2 181-186 '61.

ARSENIC

Behavior of arsenic in the process of preparing fluxed and nonfluxed sinters. Z. I. Nekrasov, A. G. Ul'ianov. Trudy Inst. chern. met. AN URSR 12 144-157 '60.

Effect of arsenic on carbon and alloyed structural steels [with summary in English]. M. I. Kuimanov, T. P. Filippova. Stal' 20 no. 7 637-642 Jl '60.

ARSENIC SELENIDE

Kinetics of solution of arsenic selenide in an alkaline solution. R. L. Miuller, Z. U. Borisova, N. I. Gregenshchikova. Zhur. prikl. khim. 34 no. 3 533-537 Mr '61.

ARSENIC SULFIDE

Chemical microheterogeneity of vitreous As_2S_3. R. L. Miuller, Z. U. Borisova, O. V. Il'inskaia. Zhur. prikl. khim. 34 no. 3 600-601 Mr '61.

ART

(see also subdivision under Communist Countries; Yaroslavl)

Brief notes. Iskusstvo 24 no. 4 77-79 '61.

Brief notes. Iskusstvo 24 no. 5 77-79 '61.

Continue the rich traditions of the past! IA. Romas. Iskusstvo 24 no. 5 37-41 '61.

Soviet art is a means of communist upbringing. M. Ovsiannikov. Iskusstvo 24 no. 4 2-6 '61.

"Thoughts on art and famous artists" by Eugene Delacroix. Iskusstvo 24 no. 4 3 of cover '61.

The unity of Soviet multinational art. B. Veimarn. Iskusstvo 24 no. 5 4-11 '61.

The wealth of creative individualities. Iskusstvo 24 no. 5 2-3 '61.

ART—BIBLIOGRAPHY see Bibliography—Art

ART—COLLECTORS AND COLLECTING

Admiration for the beautiful. I. Belokon'. Moskva 4 no. 3 211-214 '60.

ART—EXHIBITIONS see subdivision under Moscow, Paris

ART—PERIODICALS

Looking over foreign newspapers and magazines. Iskusstvo 24 no. 5 75-76 '61.

Looking over foreign periodicals... Iskusstvo 24 no. 4 73-76 '61.

ART—PHILOSOPHY

Some features of the artistic development of mankind. D. F. Kozlov. Uch. zap. MGPI 161 84-195 '61.

ART—SOCIETIES, ETC.

For our foreign reader. Iskusstvo 24 no. 4 79-80 '61.

ART—STUDY AND TEACHING

(see also subdivision under Odessa Province, Uzbekistan)

To our foreign reader. Iskusstvo 24 no. 5 79-80 '61.

ART—TECHNIQUE

[The school of fine arts; in nine parts] Shkola izobrazitel'nogo iskusstva; v deviati vypuskakh. Moskva, Izd-vo Akad. khudozh. SSSR.

No. 2. 1961. 228 p.

ART, RUSSIAN—EXHIBITIONS see subdivision under Tokyo

ART AND COMMUNISM see Communism and art

ART AND SCIENCE

Distinctive marks of the world of the future. Ignacy Wicz. Inostr. lit. no. 4 235-241 Ap '61.

ART AND STATE

Toward new achievements in the field of literature and the arts. N. S. Khrushchev. Komm. Ukr. 36 no. 6 3-14 Je '61.

ART CRITICISM

Delacroix, Eugène. [Thoughts on art; on famous painters. Translated from the French. Preface by V. Prokof'ev] Mysli ob iskusstve, o znamenitykh khudozhnikakh. Moskva, Izd-vo Akad. nauk SSSR, 1960. 279 p.

ART GALLERIES AND MUSEUMS see subdivision under Leningrad, Nalchik

ART INDUSTRIES

(see also subdivision under Africa, Leningrad, Nizhniy Tagil; Tula Province, Ukraine)

Il'in, M. A. [Russian folk art] Russkoe narodnoe iskusstvo. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1959. 69 p. illus.

ART INDUSTRIES—EXHIBITIONS see subdivision under Baltic States

ART INDUSTRIES, UKRAINIAN—EXHIBITIONS see subdivision under Leningrad

ART INDUSTRIES, UZBEK

Uzbek ornament in Il'ich's study. Uzbekistan 19 no. 4 25 Ap '60.

ART TREASURES, PROTECTION OF see Cultural property, Protection of

ARTELS see Trade unions

ARTEMISIA TRIDENTATA see Sagebrush

ARTERENOL

Enzymatic oxidation of adrenaline, noradrenaline, and tyramine in the liver and heart of rabbits [with summary in English]. P. A. Kaliman. Biokhimiia 26 no. 2 284-289 Mr-Ap '61.

ARTERIES

New simple method for controlled constriction of the renal and other arteries in small laboratory animals in a long-term experiment [with summary in English]. A. Kh. Kogan. Biul. eksp. biol. i med. 51 no. 1 112-115 Ja '61.

Significance of the anatomy of the intraorganic arteries in understanding the pathogenesis of infarction [with summary in English]. M. G. Prives. Arkh. anat. gist. i embr. 40 no. 4 72-79 Ap '61.

ARTERIES—DISEASES

Arteriography in patients with obliterating endarteritis under ambulatory conditions. M. I. Gol'dshtein, M. P. Musin. Khirurgiia 37 no. 5 28-30 My '61.

Oxygen injections. I. K. Ponomar'. Nauka i zhizn' 27 no. 4 79 Ap '60.

Periarteritis nodosa with significant neural lesions. A. L. Bernshtein, V. S. Zhdanov, M. D. Shprakh. Klin. med. 39 no. 5 138-140 My '61.

Use of pneumoelectrooscillography for the diagnosis of obliterating endarteritis. O. IA. Grinshpan. Khirurgiia 37 no. 5 46-51 My '61.

ARTERIOSCLEROSIS

Atherosclerosis morbidity according to autopsy data in Leningrad during the period 1954-1956. P. V. Sipovskii, Z. A. Vlasova. Klin. med. 39 no. 5 65-73 My '61.

Blood coagulation in atherosclerosis. K. G. Ubaniuk. Klin. med. 39 no. 5 44-46 My '61.

Characteristics of electrocardiographic changes in experimental atherosclerosis in dogs during prolonged observation [with summary in English]. S. I. Serov. Biul. eksp. biol. i med. 50 no. 7 37-42 Jl '60.

Diagnostic and pathogenetic boundaries between hypertension and atherosclerosis [with summary in English]. A. L. Miasnikov. Terap. arkh. 31 no. 4 27-30 Ap '59.

Dynamics of the development of cardiovascular disorders with changes in blood lipids during the production of experimental atherosclerosis in dogs [with summary in English]. V. N. Mentova, Z. T. Samoilova. Pat. fiziol. i eksp. terap. 4 no. 4 32-36 Jl-Ag '60.

Effect of castration on blood cholesterol in experimental (nutritional) atherosclerosis of the aorta [with summary in English]. S. Kh. Siderovich, I. N. Zarudina. Pat. fiziol. i eksp. terap. 4 no. 4 61-67 Jl-Ag '60.

Effect of certain hypotensive substances on the development of experimental atherosclerosis [with summary in English]. N. A. Novikova. Pat. fiziol. i eksp. terap. 4 no. 4 42-46 Jl-Ag '60.

Effect of vitamin B12 on the amount of cholesterol, phospholipids, and prothrombin in the blood serum and on blood coagulation in patients with atherosclerosis. L. N. Ignatova. Klin. med. 39 no. 5 49-52 My '61.

Effect of vitamin B12 on the regression of cholesterol atherosclerosis in rabbits [with summary in English]. L. N. Ignatova. Biul. eksp. biol. i med. 50 no. 7 42-46 Jl '60.

Involution of experimental cholesterol atherosclerosis in dogs [with summary in English]. A. N. Fedoseev. Biul. eksp. biol. i med. 50 no. 10 58-61 O '60.

Modification of glycoproteins in the blood serum in experimental atherosclerosis and in clinical coronary insufficiency. M. G. Denisova. Klin. med. 39 no. 5 56-59 My '61.

ARTHRITIS, RHEUMATOID

(see also subdivision under Amur Province; Chita Province, Zeya District)

Therapeutic problems in osteoarticular lesions in psoriasis. G. Kh. Kogan. Vest. derm. i ven. 35 no. 4 56-59 Ap '61.

ARTIFICIAL ARMS see subdivision under Novosibirsk

ARTIFICIAL EYES see Eyes, Artificial

ARTIFICIAL HIBERNATION

Artificial hibernation in surgery under local anesthesia. Iu. B. Nechaev. Akt. vop. obezbol. no. 2 171-181 '59.

ARTIFICIAL LEATHER see Leather, Artificial

ARTIFICIAL SATELLITES—TRACKING

Photographic observations of artificial earth satellites at the Main Astronomical Observatory of the Academy of Sciences of the Ukrainian S. S. R. M. S. Bednhun, R. D. Lepeida. Izv. Glav. astron. observ. AN URSR 1 no. 2 151-153 '61.

ARTILLERY, FIELD AND MOUNTAIN

Communications in an artillery battalion operating as part of a forward detachment. I. Korotkov. Voen. vest. 40 no. 10 82-83 O '60.

Increasing accuracy in direct fire. V. Ponomarev. Voen. vest. 40 no. 10 61-64 O '60.

The officer leads the reconnaissance. N. Vishniakov. Voen. vest. 40 no. 10 59-60 O '60.

Young soldiers must learn accurate shooting. S. Bogov. Voen. vest. 40 no. 10 57-59 O '60.

ARTILLERY DRILL AND TACTICS

Coordination of tanks and artillery. Kh. Baranchin. Voen. vest. 40 no. 10 92-94 O '60.

ARTISTIC PHOTOGRAPHY see Photography, Artistic

ARTISTS see subdivision under Paris

ARTISTS—CORRESPONDENCE, REMINISCENCES, ETC.

Constellation of talents [conclusion]. Iu. Samarin. Iskusstvo 24 no. 4 60-64 '61.

ARZAMAS—HOSPITALS

Naming the Second Gorkiy Province Hospital in honor of M. F. Vladimirskii. V. D. Troshin, G. I. Maltsev. Sov. zdrav. 20 no. 1 86 '61.

ASBESTOS

(see also subdivision under Pechenga District, Ukok region, Kirghizistan)

Effect of chrysotile asbestos on the quality of ftolite. I. A. Egorov. Plast. massy no. 6 63-65 '61.

ASBESTOS CEMENT

Stand for cutting sheets of asbestos cement. Stroitel' no. 4 26 Ap '61.

ASCARIDS AND ASCARIASES

Desensitization in ascariasis [with summary in English]. M. V. Dutin. Biul. eksp. biol. i med. 51 no. 1 70-73 Ja '61.

Experience in health education work in a school in the prevention of ascariasis. E. A. Partin. Sov. zdrav. 20 no. 5 52-56 '61.

ASCITES

Gas exchange and hemodynamics in experimental portal hypertension with ascites [with summary in English]. G. I. Maikovskaia. Pat. fiziol. i eksp. terap. 4 no. 4 26-32 Jl-Ag '60.

Methods for inducing in rabbits cirrhosis of the liver with splenomegaly and ascites by means of carbon tetrachloride [with summary in English]. L. S. Rubotskol, R. N. Kosotkina. Biul. eksp. biol. i med. 50 no. 7 122-124 Jl '60.

Rare case of a combination of bilateral polycystic kidney with atresia of the ureters, paranephric cyst, and ascites in a newborn child. S. V. Kisin, I. P. Dzya'. Ped., akush. i gin. 22 no. 4 2 of cover '60.

ASCORBIC ACID

Activity of respiratory enzymes and the amount of ascorbic acid in plant tissues in grafting. V. T. Poda-Chikhlenko. Uch. zap. TGU no. 38 252-260 '60.

Ascorbic acid content of guinea pig organs after a single dose of X-irradiation [with summary in English]. Z. IA. Dolgova. Vop. med. khim. 6 no. 2 160-165 Mr-Ap '60.

Ascorbic acid content of pleural exudate in patients with pulmonary tuberculosis. I. A. Bulva. Zdrav. Belor. 6 no. 4 36-37 Ap '60.

Biosynthesis ascorbic acid in isolated plant roots. A. M. Smirnov, K. E. Ovcharov. Fiziol. rast. 7 no. 2 240-242 '60.

Data on the histotopography of ascorbic acid in some organs of the human embryo [with summary in English]. G. L. Cherniavskaia. Arkh. anat. gist. i embr. 40 no. 3 26-30 F '61.

ASCORBIC ACID (Continued)

Effect of an ACTH aerosol on the ascorbic acid content of the organs of rabbits. E. M. Grishchenko. Probl. endok. i gorm. 7 no. 2:14-18 Mr-Ap '61.

Effect of ascorbic acid and bioflavonoids on hyaluronidase activity [with summary in English]. A. A. Baev. Biokhimiia. 25 no. 2:328-339 Mr-Ap '60.

Effect of sulfur dioxide in the air on certain biochemical indicators of human blood [with summary in English]. E. V. Efimova, V. S. Shashkov. Gig. i san. 25 no. 3:18-22 Mr '60.

Effect of sulfur dioxide on the vitamin C balance of the animal organism [with summary in English]. A. S. An. Gig. i san. 25 no. 3:35-40 Mr '60.

Nature of the effect of antibiotics on the organism in relation to its original state [with summary in English]. L. L. Gromashevskaia. Antibiotiki. 5 no. 2:31-35 Mr-Ap '60.

Reduction of dehydroascorbic acid by the aortic tissue in acute radiation sickness in guinea pigs [with summary in English]. L. I. Polikarpova. Biul. eksp. biol. i med. 51 no. 3:58-60 Mr '61.

Role of ascorbic acid and cysteine in desintoxication of the organism in lead poisoning [with summary in English]. G. A. Uzbekov. Vop. med. khim. 6 no. 2:183-187 Mr-Ap '60.

Significance of ascorbic acid in the formation of desoxypentose compounds due to the effect of animal tissue extracts [with summary in English]. B. I. Gol'dshtein, V. V. Gerasimova. Biokhimiia. 25 no. 2:340-343 Mr-Ap '60.

Some biochemical indicators of receptive influences of the adrenal glands. N. M. Turubinet, M. M. Enlel'man. Probl. endok. i gorm. 7 no. 2:6-13 Mr-Ap '61.

Stabilizing effect of flavonoids on L-ascorbic acid [with summary in English]. I. Dorfdek. Biokhimiia. 25 no. 6:1105-1112 N-D '60.

ASEEV, DMITRII DMITRIEVICH, 1900-

Dmitrii Dmitrievich Aseev on his 60th birthday and the 35th year of his of medical, scientific, pedagogical and public activity. Probl. tub. 38 no. 3:124-125 '60.

ASEEV, NIKOLAI NIKOLAEVICH, 1889-

Letter to the editor. L. Malakovskaia. Moskva. 4 no. 3:224 '60.

ASEXUAL REPRODUCTION see Reproduction, Asexual

ASH (TECHNOLOGY)

Benenson, O. E., and N. G. Kiselev. [Using pulverized ashes from Thermal Electric Station in producing building materials] Ispol'zovanie pylevidnol zoly TETs dlia proizvodstva stroitel'nykh materialov, opyt stroitelei Angarska. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 64 p.

ASHKHABAD—HOSPITALS

The 60th anniversary of the Republic Clinical Hospital. Zdrav. Turk. 5 no. 2:47-49 Mr-Ap '61.

ASIA—BEAVERS

Present state and ecological characteristics of aboriginal beaver colonies [Castor fiber L.) in Asia [with summary in English]. L. S. Lavrov, Lu Khao-tsiuan' [Lu Hao'-chuan]. Vest. LGU. 16 no. 9:72-83 '61.

ASIA—BIBLIOGRAPHY

[New Soviet and foreign literature on the countries of the non-Soviet East.] Nov. sov. i inostr. lit. po stran. zarub. Vost. no. 3 '61.

ASIA—COOPERATIVE SOCIETIES

Some aspects of the development of cooperative societies in the countries of Asia. I. Farizov. Sov. potreb. koop. 5 no. 5:49-51 My '61.

ASIA—ECONOMIC ASSISTANCE, RUSSIAN

Diplomacy of peace and truth. Uzbekistan. 19 no. 3:2 Mr '60.

ASIA—FOREIGN RELATIONS—RUSSIA

Diplomacy of peace and truth. Uzbekistan. 19 no. 3:2 Mr '60.

ASIA—ROCKS, SEDIMENTARY

Paleogene-Neogene sediment accumulation provinces in northwestern Asia. V. V. Lavrov. Dokl. AN SSSR. 138 no. 2:431-434 My '61.

ASIA—YOUTH

Invincible will of the young. Ukraina no. 8:6 Ap '60.

ASIA, CENTRAL—CEMENT INDUSTRIES

Prospects for developing the dry process of cement production in Central Asia and Kazakhstan. I. A. Semchenko, G. M. Skliarov. Nauch. soob. NIITSementa no. 9:43-45 '60.

ASIA, CENTRAL—COINS

The Nakcheb coins of the 5th and 6th centuries. S. K. Kubanov. Vest. drev. ist. no. 1:137-144 '61.

ASIA, CENTRAL—GEOLOGY, STRUCTURAL

Early Mesozoic tectonic-magmatic cycle in the East Asiatic Platform [with summary in English]. M. M. Odintsov. Geol. i geof. no. 1:26-33 '61.

ASIA, CENTRAL—GLACIAL EPOCH

Stagewise recession of Wurmian glaciers in the Dzungarian Ala Tau and some other mountain systems of Asia. E. V. Maksimov. Dokl. AN SSSR. 136 no. 1:175-178 Ja '61.

ASIA, CENTRAL—HISTORY

Northern boundary of the Kushan Empire. B. IA. Stavisskii. Vest. drev. ist. no. 1:108-114 '61.

ASIA, CENTRAL—TICKS

Helminths and ticks parasitic on snakes in Central Asia. G. S. Markov, O. P. Bogdanov. Uzb. biol. zhur. no. 2:35-41 '60.

ASIA, CENTRAL—WORMS, INTESTINAL AND PARASITIC

Helminths and ticks parasitic on snakes in Central Asia. G. S. Markov, O. P. Bogdanov. Uzb. biol. zhur. no. 2:33-41 '60.

ASIA, SOUTHEASTERN—BOTANY

Southeastern Asia, primary center of plant introduction. A. V. Vasil'ev. Biul. Glav. bot. sada. no. 39:10-16 '60.

ASIA, SOVIET CENTRAL see Soviet Central Asia

ASKANIYA-NOVA PRESERVE—ELANDS

Harmful aftereffects of inbreeding observable in the common eland in the Askaniya-Nova Preserve [with summary in English]. N. V. Loinnov. Zhur. ob. biol. 22 no. 2:155-157 Mr-Ap '61.

AŠKERC, ANTON, 1856-1912

The social theme in the poetry of Anton Aškerc. M. I. Ryzhova. Lit. slav. nau., no. 5:154-201 '60.

ASKINAZI, ZALMAN MOISEEVICH, 1901-

Z. M. Askinazi; on his sixtieth birthday. Masl.-zhir. prom. 27 no. 5:48 My '61.

ASPARAGINASE

Glutaminase and asparaginase in the gastric mucosa [with summary in English]. IU. Zaleskaia, E. Martinson, L. Tiakhepyl'd. Biokhimiia. 26 no. 2:281-283 Mr-Ap '61.

ASPARTIC ACID

Synthesis of D, L-aspartic-4-C^{14} acid. [with summary in English] M. I. Lerman, V. I. Maimind. Vop. med. khim. 6 no. 2:203-205 Mr-Ap '60.

ASPEN—DISEASE AND PEST RESISTANCE

Breeding aspen in the forest-steppe for fast growth, rot resistance, and wood quality. S. P. Ivannikov [Trudy] VNIILM no. 36:63-124 '59.

ASPERGILLUS

Osmotic pressure of the culture medium as a factor in selecting an acid-forming Aspergillus niger mold. E. IA. Shcherbakova. Trudy VKNII no. 11:122-128 '59.

Phosphorus nutrition of the acid-forming Aspergillus niger as related to the conditions of its cultivation. O. F. Terent'eva. Trudy VKNII no. 14:111-121 '59.

ASPHALT CONCRETE

Activation of sand for asphalt concrete. L. B. Gezentsvei. Avt. dor. 24 no. 4:17-19 Ap '61.

Use of asphalt-concrete lining. G. M. Kuzovlev, S. P. Ganeev. Gidr. stroi. 30 no. 5:22-25 My '60.

ASPHALTENES

Determination of asphaltenes in shale bitumens. K. A. Kask. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 2:291-294 '61.

ASSEMBLY-LINE METHODS

Assemblage without an assembler. L. Fedorovskii. Znan. sila. 36 no. 5:33 My '61.

Container system for conveying cut pieces, uppers and semifinished sole parts. N. N. Shchegolev. Kozh.-obuv. prom. 3 no. 4:9-12 Ap '61.

Cotton mixing and cleaning processes in the organization of automatically controlled production lines. N. N. Pozhidaev. Izv. vys. ucheb. zav.; tekh. teks. prom. no. 2:43-48 '61.

Disconnecting and blocking device containing a mechanism for signaling the fault of an electric motor on continuous production lines. B. F. Dikil. Energetik. 9 no. 5:27-29 My '61.

Economic justification of the optimum program for continuous shoe production lines. G. F. Ispirian and others. Izv. vys. ucheb. zav.; tekh. leg. prom. no. 2:3-12 '61.

Give the green light for launching of shoe production lines for the manufacture of wide range assortments. Kozh.-obuv. prom. 3 no. 4:4 Ap '61.

Manufacture of small barrels on continuous production lines. K. P. Kuznetsov. Der. prom. 10 no. 3:28 Mr '61.

Manufacture of three-layer particle boards with the continuous "Bartrev" method. A. A. El'bert. Der. prom. 10 no. 3:21-22 Mr '61.

Mat felting line with caul return system (from "Lumberman," 97 no. 10, 1960). Der. prom. 10 no. 3:30 Mr '61.

New annealing furnace for producing insulators on an assembly line. V. S. Gorbanev. Stek. i ker. 18 no. 3:36-37 Mr '61.

New conveyer for assembling watches. IA. G. Grinshtein, V. S. Davydovich, A. M. Shirman. Priborostroenie no. 5:17-19 My '61.

New type of an automatic reversing feeder. M. Z. Perskii, N. K. Kirpichev, I. M. Dachman. Der. prom. 10 no. 5:19-20 My '61.

Organizing the press sections of production lines in the manufacture of footwear with the hot vulcanization method. S. I. Ovchinnikov. Izv. vys. uchib. zav., tekh. leg. prom. no. 1:3-8 '60.

ASSOCIATION OF IDEAS

Formation of associations in young preschool children [with summary in English]. I. N. Degtiarl'. Zhur. vys. nerv. deiat. 11 no. 1:81-86 Ja-F '61.

ASSUAN DAM see Aswan Dam

ASSYRIOLOGY

Where was "Khakhkhi," a country mentioned in Assyrian sources? S. M. Aivazian. Izv. AN Arm. SSSR, Obshchestv. nauki. no. 4:83-88 Ap '61.

ASSYRO-BABYLONIAN STUDIES see Assyriology

ASTARA DISTRICT—TEA

Weeds infesting tea plantations of Lenkoran and Astara Districts in Azerbaijan. M. V. Buzheriiskii, S. M. Musaeva. Uch. zap. AGU. Biol. ser. no. 1:9-12 '60.

ASTHMA

ACTH and ascorbic acid in the treatment of bronchial asthma. M. IA. Beliaev. Probl. endok. i gorm. 7 no. 2:51-56 Mr-Ap '61.

Minutes of meetings of the Moscow Society of Therapeutists. Terap. arkh. 31 no. 1:95 Ap '59.

Pathomorphology of myocardial lesions in bronchial asthma. V. I. Rovinskii, P. N. Vasil'ev. Klin. med. 39 no. 5:86-87 My '61.

ASTRAKHAN—COLLEGE AND SCHOOL PERIODICALS

Loyal assistant. V. A. Leanikov. Sred. spets. obr. 8 no. 5:44-46 My '61.

ASTRAKHAN—DEPARTMENT STORES

With the youth of an Astrakhan department store. IU. Staroverov. Sov. torg. 34 no. 5:33 My '61.

ASTRAKHAN—PROSTHESES

Sick people suffer because of it. V. Pannkova. Sots. obesp. 29 no. 5:51 My '61.

ASTRAKHAN PROVINCE—TRANSPORTATION, AUTOMOTIVE

Communist Youth League brigades on difficult traffic sections. IU. Staroverov. Avt. transp. 39 no. 5:58 My '61.

ASTRAKHAN PROVINCE—VEGETABLES

Conference of vegetable experts. A. A. Alekseev. Kons. i ov. prom. 16 no. 5:45 My '61.

ASTRONAUTICS

Appeal of the Central Committee of the CPSU, Presidium of the Supreme Soviet of the U. S. S. R. and the Government of the Soviet Union. Doshk. vosp. 22 no. 5:1-2 My '61.

Appeal of the Central Committe of the CPSU, the Presidium of the Supreme Soviet of the U. S. S. R., and the Government of the Soviet Union. Neftianik. 6 no. 5:1-3 My '61.

Appeal of the Central Committee of the CPSU, Presidium of the Supreme Soviet of the U. S. S. R., and the Government of the Soviet Union. Okhr. truda i sots. strakh. 4 no. 5:1-2 My '61.

Appeal of the Central Committee of the CPSU, Presidium of the Supreme Soviet of the U. S. S. R., and the Government of the Soviet Union. Smena. 30 no. 7:2 Ap '61.

Appeal of the Central Committee of the CPSU, the Presidium of the Supreme Soviet of the U. S. S. R. and the Government of the Soviet Union. Novyi mir. 37 no. 5:3-4 My '61.

Around the world in eighty minutes. Aleksandr Kazantsev. Znamia. 31 no. 5:21-34 My '61.

The attack on space goes on! Uzbekistan. 19 no. 2:3 F '60.

Beginning of the epoch of great discoveries. Geog. v shkole. 24 no. 3:2-4 My-Je '61.

Breaking the outer-space barrier. B. Liapunov. V mire knig. 1 no. 1:12 Ja '61.

Chronicle of the dawn of the outer space era; from the notebook of the first astronaut-pilot. Tekh. mol. 29 no. 5:14-15 '61.

A compatriot in space. Evgenii Vorob'ev. Isk. kino no. 5:4-6 Je '61.

Conquest of the cosmos and Soviet science. Vop. ekon. no. 5:3-6 My '61.

Dawn of a new era. A. N. Nesmeianov. Priroda. 50 no. 5:3-4 My '61.

Day of a great feat. S. S. Smirnov. Znamia. 31 no. 5:16-17 My '61.

The door to outer space is open. O. N. Shcherban'. Volov. ateist. no. 5:7 My '61.

A dream came true. A. A. Mikhailov. Nauka i zhizn'. 28 no. 4:6 Ap '61.

ASTRONAUTICS (Continued)
Feat of the century. Aleksandr Borshchagovskii. Znamia 31 no. 5:17-20 My '61.
First flight of man into space. Khim. v shkole 16 no. 3: 2-3 My-Je '61
For peace, progress, and the happiness of mankind. Volov. ateist no. 1:1-5 Ap '61
The glory of these days will not fade away; remarks made by foreign cultural figures on the occasion of the triumphal flight made by a Soviet citizen in a space ship around the earth. Inostr. lit. no. 5 4-5 My '61.
Glory to Soviet scientists, constructors, engineers, technicians and workers—the conquerors of space! Okhr. truda i sots. strakh. 4 no. 5:3-4 My '61.
Glory to Soviet scientists, designers, engineers, and workers who conquered space. NTO 3 no. 5:14 My '61
Glory to the heroic deed of the Soviet people! Doshk. vosp. 34 no. 5,6-7 My '61.
Great achievement. V. V. Parin and others. Tekh. mol. 29 no. 5:18-19 '61.
Great event in human history. Mat. v shkole no. 3:1 My-Je '61.
Great exploit that will live for centuries; N. S. Khrushchev's address at the meeting of workers on April 14, 1961. Nauka i zhizn' 28 no. 4 1-5 Ap '61.
Great feat of the Soviet people. Pozh. delo 7 no. 5 1-2 My '61
Great triumph of reason and work. Sov. pedag. 25 no. 5 3-8 My '61
The great triumph of Soviet science and technology. Vop. filos. 15 no. 5 3-11 '61
The greatest victory of work, science and human intelligence. Polit. samoobr. 5 no. 5:3-8 My '61.
Guiding star. Kamil' IAshen. Znamia 31 no. 5:14-15 My '61.
A happy day. Vera Kettinskaia. Znamia 31 no. 5:11-13 My '61.
Hats off to the first cosmonaut! Sots. kul't. 14 no. 5: 1-3 My '61.
Heroic flight. Nach. shkola 20 no. 5:3-5 My '61.
A historical event of our time. Part. zhizn' Kazakh. 31 no. 5, 9-10 My '61.
In the orbit of achievements. O Pisarzhevskii. IUn. tekh. 5 no. 5, 2-7 My '61.
Information of the Telegraph Agency of the U. S. S. R. about the first flight of man into space. Volov ateist no. 4:6 Ap '61.
It has come to be! V. V. Parin. Smena 36 no. 7:3-4 Ap '61.
IU. A. Gagarin's speech at the Red Square. My love for party and homeland inspired me. Nar. obr. no. 5:1 My '61
Major Gagarin's flight into space. V. Vladko. Volov. ateist. no. 5:8-10 My '61.
Major IU. A. Gagarin's flight into outer space. N. IA. Galai. Mat. i osob. Issl. otd. Inst. po Izuch. SSSR no. 24 1-14 '61.
Man in orbit. N. M. Sisakiana. Tekh. mol. 29 no. 5:16-17 '61.
Man in outer space. Tekh. mol. 29 no. 5:13 '61.
Man will fly to outer space. Sov. voin. 41 no. 6:14-15 Mr '60.
Man's centuries-old dream came true. Sov. foto 21 no. 5:1-6 My '61.
Master of the earth becomes the master of the universe. Sh. R. Horheladze. Volov. ateist. no. 5:17-18 My '61.
Milestones of a great journey. Znan. sila 36 no 5:48 My '61.
Milestones of a remarkable road. Polit. samoobr. 5 no. 5:115-120 My '61.
N. S. Khrushchev's speech in the welcome ceremonies for the first Soviet astronaut: This heroic deed will live through the ages. Nar. obr. no 5:2-4 My '61.
New stage in astronomy. B. V. Kukarkin. Priroda 50 no. 5:14 My '61.
On the threshold of great discoveries. Albert Ducrocq. Inostr lit. no 4 228-230 Ap '61.
One of many. Valentin Ezhov. Isk. kino no. 6:7 Je '61.
One of the greatest achievements of our era. Shkola i proizv. 5 no. 5:3-4 My '61.
Outer space trajectories. V. Berezin. IUn. tekh. 5 no. 5:8-13 My '61.
Party news; lectures, reports, and talks on IU. A. Gagarin's flight into outer space. Komm. Mold. 6 no. 5:78-80 My '61.
The pride of a planet. Lev Sheinin. Oktiabr' 38 no. 5: 3-8 My '61.
Science had its great day. P. K. Anokhin. Nauka i zhizn' 28 no. 4,7 Ap '61.
Scientific good fortune. A. V. Lebedinskii. Nauka i zhizn' 28 no. 4:5 Ap '61.
Soviet man in space. V zashch. mira no 5 2-3 My '61
The Soviet people storm outer space. Volov. ateist. no. 5: 3-4 My '61.
Spring of humanity. Sots. obesp. 22 no 5:1-2 My '61.
Star-studded road. Volodymyr Vladko. Ukraina no 7: 23-21 Ap '60.
"Starry hour." Znamia 31 no. 5:5-6 My '61.
Steps of history. Tekh. mol. 29 no. 5:14-16 '61.
Supreme triumph of our science, technology, intelligence, and labor! Sov. pech. no 4:1-3 Ap '61
Technological achievements in conquering space. N. Varvarov. NTO 3 no 5:15-19 My '61.
There were no traces of God or the devil. M. Savchenko. Volov. ateist. no. 5:5 My '61
This is the beginning of the space era. G. Pokrovskii. Komm. Vooruzh. Sil 1 no. 11 31-35 Je '61.
To all scientists, engineers, technicians, and workers as well as to all enterprises and organizations participating in the successful carrying out of the first flight of man into outer space in the spaceship "Vostok." To Major IUrii Alekseevich Gagarin, the first Soviet cosmonaut. Nar. asv. no. 4:5-6 Ap '61.
To the Communist Party and the peoples of the Soviet Union, to the peoples and governments of all countries, to the progressive circles of mankind. An appeal of the Central Committee of the CPSU, the Presidium of the Supreme Soviet of the U. S. S. R., and the Government of the Soviet Union. Nar. asv. no. 4:3-4 Ap '61.
Triumph of our system. A. M. Kuzin. Nauka i zhizn' 28 no. 4-6-7 Ap '61.
Triumphs of the Soviet people in space exploration. Mezhdunar. zhizn' 8 no. 6 146-148 Je '61.
Tsiolkovskii medal. M. Arlazorov, L. Vladimirov. Znan. sila 36 no 5-6:7 My '61.
Under the sun of socialism. Znan. sila 36 no 5:3-4 My '61
The way to space is open. N. M. Sisakian. Priroda 50 no. 5:6-7 My '61.
The world celebrates our victory in space. Smena 36 no 8 1-4 Ap '61.

ASTRONAUTICS AND CIVILIZATION
The social system and the conquest of outer space. F. Khudushin. Komm. Ukr. 16 no 5:19-20 My '61

ASTRONOMICAL GEOGRAPHY
Geography and space flight. K. K. Markov. Priroda 50 no. 5:15 My '61.

ASTRONOMICAL PHOTOMETRY see Photometry, Astronomical

ASTRONOMY
Astroclimate. N. I. Kucherov. Priroda 50 no. 5:31-36 My '61.
Astronomical observations in June. Priroda 50 no. 5: 127-128 My '61.
Astronomical observations in June. Priroda 50 no. 6: 126 Je '61.
New stage in astronomy. B. V. Kukarkin. Priroda 50 no. 5:14 My '61.
Start of a new era in space study. V. G. Fesenkov. Priroda 50 no. 6:3-5 Je '61.
"Studies in the history of astronomy in the U. S. S. R." by B. A. Vorontsev-Vel'iaminov. Reviewed by IU. G. Perel'. Priroda 50 no. 5:118-119 My '61.

ASTRONOMY—ABSTRACTS
[Astronomy and geodesy.] Ref. zhur.: Astron. i geod. no. 5 My '61.

ASTRONOMY—BIBLIOGRAPHY see Bibliography—Astronomy

ASTRONOMY—STUDY AND TEACHING
Contents of the astronomy course in school. R. V. Kunitskii, P. I. Popov. Fiz. v shkole 20 no. 2:53 Mr-Ap '60.

ASTRONOMY, SPHERICAL AND PRACTICAL—STUDY AND TEACHING
Teaching the problems of spherical astronomy in the high school. R. V. Kunitskii. Fiz. v shkole 20 no. 2: 41-43 Mr-Ap '60.

ASTROPHYSICS
Correspondence with the readers. A. D. Zamorskii. Fiz. v shkole 20 no. 2:97-98 Mr-Ap '60.
Why we strive to reach space. O. F. Bogoroda'kyi. Znan. ta pratsia no 3:16-18 Mr '61.

ASWAN DAM
The Aswan Hydroelectric Power Center (conclusion). I. Komzin. Znamia 31 no. 5:188-200 My '61.

ASYMPTOTES
Asymptotic power and efficiency of the CO^2_n criterion. D. M. Chibisov. Dokl. AN SSSR 133 no. 2:322-325 My '61.

ASYNCHRONOUS ELECTRIC MOTORS see Electric motors, Induction

ATAVISM
Rare case of atavism in sperm whales (Physeter catodon L.). V. A. Zemskii, A. A. Berzin. Nauch. dokl. vys. shkoly; biol. nauki no. 2:50-60 '61.

ATAXIA
Biogeochemical province of the Terek-Sulak-Kuma Lowland. V. V. Koval'skii. Trudy Biogeokhim. lab. no. 11:134-143 '60.
Changes in the histological structure of the cerebral hemispheres in lambs with enzootic ataxia in the biogeochemical province of the Terek-Sulak-Kuma Lowland. Sh. G. Dandamaev. Trudy Biogeokhim. lab. no. 11:150-153 '60.
Zootechnical study of lambs in the biogeochemical province of the Terek-Sulak-Kuma Lowland. P. V. Lazarevich. Trudy Biogeokhim. lab. no. 11:144-149 '60.

ATHEISM
(see also subdivision under Kirovy Rog, Lvov, Transcarpathia; Ukraine)
Atheistic education through 8th-grade chemistry lessons. A. S. Vitalitsyn. Khim. v shkole 16 no. 3:29-38 My-Je '61
"Basic principles of scientific atheism." Reviewed by I. Mikhailov, F. Tabunshchik. Komm. Mold. 6 no. 5: 73-76 My '61
Indefatigable sower. L. Volokhatykh. Volov. ateist no. 5: 34-36 My '61.
Instead of church we went to museums and exhibitions. K. Supranovych, M. Lupashaiev. Volov. ateist no. 1 30-31 Ap '61
A leading exponent of proletarian atheism. Vitalii Voitko. Volov. ateist no. 1:10-15 Ap '61
The light of inextinguishable fire. I. Kozlova'kyi. Volov. ateist no. 4 39-41 Ap '61.
The most important events in the life of churches and religious groups in the U. S. S. R. N. A. Teodorovich. Mat. i osob. Issl. otd. Inst. po Izuch. SSSR no. 24 56-61 '61.
The noble objectives of schools. B. I. Pidluts'kyi. Volov. ateist no. 1:41-44 Ap '61.
Our powerful weapon. Volov. ateist no. 4:8-9 Ap '61
Our youth will march toward a bright future. S. Kyrylova. Volov. ateist. no. 5:12-16 My '61.
The pearls of folk wisdom. P. IA. Leshchenko. Volov. ateist no. 1 54-55 Ap '61
Remarkable documents. P. Avramenko, P. Polkanov. Volov. ateist no. 1:56-57 Ap '61
Riazantsev, N. I. [What is atheism] Chto takoe ateizm. [Moskva] Mosk. rabochii, 1961. 87 p.
Scientists tell the true story of Christ. V. Sulaiko. Volov. ateist. no. 5:16 My '61.
The surviving traces of Islam and the best ways to overcome them. S. M. Gadzhiev, N. K. Kulin. Vop. filos. 15 no. 5 159-162 '61
Technology is against God. P. Matiushov. Volov. ateist no. 1:18-19 Ap '61.
Thank you, dear Hanna Karpivna! M. Okhrimenko. Volov. ateist no. 4 38-39 Ap '61.
There is no God! Volov. ateist no. 5:41-43 My '61.
There were no traces of God or the devil. M. Savchenko. Volov. ateist. no. 5:5 My '61.

ATHEISM—BIBLIOGRAPHY see Bibliography—Atheism

ATHEISM—PERIODICALS
"Nauka i religiia." Komsom. zhizn' no. 3:25 1 '60.
The periodical "Nauka i religiia." S. N. Henkiiev. Prepodavatel v shkole 16 no. 4:105-109 My-Je '61

ATHEISM—STUDY AND TEACHING
Atheistic training in schools. G. I. Pachkalin. Sov. pedag. 25 no. 4 60-66 Ap '61
First graduates. M. F. Troianova'kyi. Volov. ateist no. 5: 36-38 My '61.

ATKARSK—BOARDING SCHOOLS
Great world of the little ones. M. Alekseev. Ogonek 39 no. 22, 1-7 My '61.

ATKYZ REGION—POPPY
Modified form of the large-headed poppy (Papaver macrostomum Boiss. et Huet.) in regions of biogeochemical provinces rich in lead and zinc. N. S. Malashkina. Trudy Biogeokhim. lab. no. 11:224-225 '60.

ATLANTIC OCEAN—CYCLONES
The Azores-Bermuda anticyclone and atmospheric circulation over Europe. G. I. Morskoi. Trudy TsIP no. 108 52-57 '61.

ATLANTIC OCEAN—FISHERIES—RESEARCH
Forty-eighth session of the Permanent International Council for the Exploration of the Sea. L. S. Berdichevskii. Vop. ikht. 1 no. 1:206-208 '61.

ATLANTIC OCEAN—HERRING
Fecundity of summer-spawning Atlantic herring. K. A. Liamin. Vop. ikh. no. 17:24-32 '61.

ATLANTIC OCEAN—OCEAN TEMPERATURE
Influence of the underlying surface on atmospheric circulation. V. G. Somenov. Meteor i gidrol. no 6:40-40 Je '61

ATMOSPHERE
(see also subdivision under Soviet Central Asia)
Use of mineral fuel and related changes in the natural environment. IU. I. Voroshilov, P. A. Nedotko. Okhr. prir. i zapov. delo v SSSR no. 6:5-14 '60.

ATMOSPHERE, UPPER

Magnesium and calcium ions in the upper atmosphere of the earth. V. G. Istomin. Dokl. AN SSSR 136 no. 5: 1066-1068 F '61

ATMOSPHERIC ELECTRICITY

Effect of external drift currents on the magnetohydrodynamic self-excitation of the earth's magnetic field. B. A. Tverskoi. Dokl. AN SSSR 138 no. 2 348-350 My '61

Variation of the elements of atmospheric electricity over a period of many years. N. A. Paramonov. Meteor. i gidrol. no. 6 40-41 Je '61

ATMOSPHERIC PRESSURE

Coincidence of the Antarctic low pressure zone with sub-Antarctic underwater trenches. R. F. Usmanov. Inform. biul. Sov. antark. eksp. no. 24 5-9 '60

Method for the continuous registration of oxygen tension in the brain of dogs at a low barometric pressure. E. A. Kovalenko. Pat. fiziol. i eksp. terap. 5 no. 2 66-70 Mr-Ap '61

ATMOSPHERIC PRESSURE—PHYSIOLOGICAL EFFECT

Influence of hypoxic hypoxia and of low barometric pressure on the human electrocardiogram [with summary in English]. V. N. Alifanov. Biul. eksp. biol. i med. 50 no. 10 29-34 O '60

ATMOSPHERIC TEMPERATURE see subdivision under Antarctic regions, Europe, Western

ATMOSPHERIC TRANSPARENCY

Smoke fog. A. V. Borisov. Priroda 50 no. 5:65-66 My '61.

ATMOSPHERIC TURBULENCE

Determining the coefficient of turbulent exchange by the contour of smoke issuing from factory smokestacks. M. E. Berliand. Meteor. i gidrol. no. 6 13-20 Je '61

ATOMIC BOMB see subdivision under France

ATOMIC BOMB—HISTORY

"Brighter than a thousand suns" by Robert Jungk. Reviewed by I. Reformatskii. V mire knig 1 no. 5. 16 My '61.

ATOMIC ENERGY

Brief reports. Atom. energ. 10 no. 5:551-552 My '61

ATOMIC ENERGY—BIBLIOGRAPHY see Bibliography—Atomic energy

ATOMIC ENERGY—CONGRESSES

Power of the peaceful atom. S. V. Starodubtsev. Uzbekiston 18 no. 11 7 N '59.

Tashkentskaia konferentsiia po mirnomu ispol'zovaniiu atomnoi energii, Tashkent, 1959. [Works of the Tashkent Conference on the Peaceful Uses of Atomic Energy] Trudy. Tashkent.
Vol. 2. 1960. 449 p.

ATOMIC ENERGY—HISTORY

"Brighter than a thousand suns" by Robert Jungk. Reviewed by I. Reformatskii. V mire knig 1 no. 5:16 My '61.

ATOMIC MEDICINE

Use of high-energy radiation for the bloodless destruction of medullar tissue. G. A. Zedgenidze. Vest. AMN SSSR 15 no. 4 57-62 '60

ATOMIC NUCLEI see Nuclei, Atomic

ATOMIC POWER PLANTS see subdivision under Sizewell, England; Voronezh Province

ATOMIC SHIPS

Two icebreakers. Ukraina no. 8-19 Ap '60

ATOMIC SPECTRUM see Spectrum, Atomic

ATOMIC THEORY—TABLES, ETC.

Vanagas, V. V., J. J. Glembockij, and K. K. Uspalis. [Tables of radial integrals of the theory of atomic spectra] Tablitsy radial'nykh integralov teorii atomnykh spektrov. Pod red. A. P. Iutsisa. Moskva, Vychislitel'nyi tsentr Akad. nauk SSSR, 1960. 380 p.

ATOMIC WEAPONS—TESTING

Seismic method of detecting and identifying nuclear explosions. I. P. Pasechnik. Izv. AN SSSR. Ser. geofiz. no. 8:835-846 Je '61.

War against war. Linus Pauling. Vsem stud. nov. 15 no. 1:3-5 Ja '61

ATOMIZATION

Bitumen unit with a spray nozzle. Stroitel' no. 4.27 Ap '61

ATOMS

Hydrogenlike wave functions of atoms and ions [with summary in English]. I. M. Antonova, V. F. Bratsev. Vest. LGU 16 no. 10, 5-7 '61.

ATTAR OF ROSES

Prospects for the production and consumption of rose oil in the U. S. S. R. D. G. Zlukov. Masl.-zhir. prom. 27 no. 5 32-33 My '61.

ATTENTION

Some psychological conditions for the poor progress of primary grade students. S. N. Belisheva-Ekzemplarskaia. Uch. zap. Chel. gos. ped. inst. 6 no. 1 82-99 '59

ATTENUATORS (ELECTRONICS)

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 225-55 for checking X-band absorbing attenuators] Instruktsiia 225-55 po poverke poloshchiushchikh oslabitelei trekhsantimetrovogo diapazona voln. Izd. ofitsial'noe. Moskva, 1957. 24 p.

ATTITUDE (PSYCHOLOGY)

Reflection in a fixed set of the interrelation of the size and remoteness of objects [with summary in English]. N. G. Adamshvili. Vop. psikhol. 6 no. 3 33-45 My-Je '60

AUDIOMETRY

Selection of a zero level of sound intensity in the study of hearing by means of speech audiometry [with summary in English]. G. I. Grinberg. Vest. otorin. 22 no. 1 17-21 Ja-F '60.

AUDIO-VISUAL EDUCATION

Use of pictures for developing speech comprehension in children at the end of the first and during the second year of life [with summary in English]. M. K. Mallitskaia. Vop. psikhol. 6 no. 3 122-126 My-Je '60.

AUDIO-VISUAL EQUIPMENT

Visual aids for the study of a. c. generator units. E. Aseev. Avt. transp. 39 no. 5.50 My '61.

AUDITING

(see also subdivision under Nizhniy Tagil)

Go deeper into economics. V. Murakhodzhaev. Fin. SSSR 22 no. 5 26-31 My '61

In the Collegium of the Ministry of Finance of the U. S. S. R. Fin. SSSR 22 no. 5, 87-89 My '61.

We suggest, study and confer... G. Orlov and others. Sov. profsoiuzy 17 no. 11 24-26 Je '61

AUREOMYCIN

Biomycin in the treatment and prevention of complications in the urinary organs of patients with typhoid and paratyphoid infections. A. S. Bogdanova. Lech. infekts. bol'. no. 4 105-113 '60.

Culture media containing different oil cake as organic nitrogen sources in fermenting chlortetracycline [with summary in English]. V. G. Makarevich, T. N. Laznikova. Antibiotiki 6 no. 4:308-311 Ap '61

Effect of chlortetracycline on the proteolytic activity of the liver [with summary in English]. V. IA. Kudriavtseva. Antibiotiki 5 no. 2 58-60 Mr-Ap '60.

Effect of chlortetracycline on the synthesis of urea by the liver [with summary in English]. R. P. Perfil'eva. Antibiotiki 6 no. 2 127-131 F '61

Effect of the preliminary treatment of corn extract on the fermentation processes of penicillin and chlortetracycline. P. S. Petrov, E. Popov. Antibiotiki 5 no. 2 117-119 Mr-Ap '60

Microbiological method for the separate determination of tetracycline and chlortetracycline in corresponding preparations [with summary in English]. E. N. Druzhinina. Antibiotiki 6 no. 2:167-172 F '61.

Primary sensitivity of Staphylococcus pyogenes to antibiotics of the tetracycline series and its changes during the treatment of Staphyloderma with chlortetracycline [with summary in English]. B. A. Godovannyi. Antibiotiki 6 no. 3.276-279 Mr '61

AURORAS

Akademiia nauk SSSR. Mezhduvedomstvennyi komitet po provedeniiu Mezhdunarodnogo geofizicheskogo goda. [Spectral, electrophotometrical and radar research of aurorae and night airglow; collected articles. Section 4 of the program of the International Geophysical Year (aurorae and night airglow)] Spektral'nye elektrofotometricheskie i radiolokatsionnye issledovaniia poliarnykh siianii i svechenia nochnogo neba, sbornik statei. IV razdel programmy MGG (poliarnye siianiia i svechenie nochnogo neba). Moskva, [In Russian with summaries in English.]
No. 5. 1961. 58 p.

Location of the auroral zone in Antarctica. A. P. Nikol'skii. Inform. biul. Sov. antark. eksp. no. 24 38-41 '60

AUSTENITE

Investigating the carbon concentration in the alpha-phase during the intermediate transformation of austenite. L. I. Kogan, R. I. Entin. Dokl. AN SSSR 138 no. 4: 826-827 Je '61.

Magnetic metallographic method for determining residual austenite in the structure of steel. IU. A. Geller, M. N. Fadinshina. Zav. lab. 27 no. 5:502-505 '61.

AUSTRALIA—SHEEP

Some data on the development of sheep raising in Australia. N. V. Rumiantseva. Dokl. i soob. VNIESKHI no. 8:177-183 '60.

AUSTRIA—BLASTING—SAFETY MEASURES

Water barrier in the mines of Austria. V. P. Balanovskii. Shakht. stroi. 5 no. 4:32 Ap '61

AUTHORS

Brief notes on authors. Inostr. lit. no. 4 286 My '60

Brief notes on authors. Inostr. lit. no. 4 286 Ap '61

Brief notes on authors. Inostr. lit. no. 5, 288 My '61.

The work plans of foreign writers. Katharine Susannah Prichard and others. Inostr. lit. no. 5 230-243 My '61.

AUTHORS, SLOVENIAN—CORRESPONDENCE, REMINISCENCES, ETC.

Letters written by Anton Aškerc to A. V. Suvorov, P. I. Korsh, A. L. Volynskii, and D. N. Verigun. Lit. nasl. nar. no. 5:201-212 '60

AUTHORSHIP

Survey of the foreign press. Inostr. lit. no. 5:207-215 My '61

Writers reply by works. Mirza Tursun-Zade. Ogonek 39 no. 29 24-1 My '61.

AUTOCLAVES

(see also subdivision under Rostov-on-Don)

Automation of steam chambers. Stroitel' no. 1 14-15 Ap '61

Improving continuous heat chambers at conveyor plants producing reinforced concrete elements. E. V. Kuzmin. Bet. i zhel.-bet. no. 5 208-213 My '60

Reinforced concrete roofs for steam chambers. Stroitel' no. 4 27 Ap '61

AUTOLYSIS

Nucleotide metabolism in larvae of the bee moth (Galleria mellonella L.) under normal conditions and following irradiations [with summary in English]. G. A. Kritskii, Chai Ch'i-wei. Biokhimiia 26 no. 2.249-253 Mr-Ap '61.

AUTOMATIC CONTROL

(see also subdivision under United States)

Approximation of a controlled industrial object by a two-capacitance aperiodic delay component. A. M. Tsirlin. Priborostroenie no. 5:5-7 My '60.

Automatic control and regulation in leather manufacture. M. A. Berliner. Nauch.-issl. trudy TSNIKP no. 30 115-120 '59

"Automatic control" by N. N. Ivashchenko. Reviewed by E. M. Dobrynin. Priborostroenie no. 5, 32, 3 of cover My '60

Automatic control in motion-picture projection. E. M. Goldovskii. Tekh. kino i telev. 5 no. 5 13-22 My '61.

Automatic control in underground transportation. M. I. Ozernoi. Ugol' 36 no. 5 61 My '61

Automatic control of a dredge slag removal pumping unit. Z. M. Ginzburg, L. S. Bravin, V. I. Freidin. Elek. sta. 32 no. 5 79-80 My '61

Automatic control of an electric filter. L. A. Matlatin, G. V. Zakharov. TSement 27 no. 2 14-16 Mr-Ap '61.

Automatic control of drawworks by an electric brake [in Azerbaijani with summary in Russian]. M. D. Fataliev. Azerb. neft. khoz. 40 no. 4 17-19 Mr '61

Automatic control of reversing blooming mills [with summary in English]. V. I. Arkhangel'skii, R. V. Liambakh, O. V. Slezhanovskii. Stal' 21 no. 6:528-534 Je '61.

[Automatic control of sheet-metal work] Avtomatizatsiia kholodnoshtampovochnogo proizvodstva. Pod red. T. M. Golubeva i I. P. Tartakovskogo. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 282 p.

Automatic control of the feed-water supply to steam boilers. E. Shumkov. Rech. transp. 19 no. 3:24-26 Mr '60.

Automatic control of the sintering process [with summary in English]. V. S. Abramov, A. G. Mikhalevich. Stal' 21 no. 6:481-486 Je '61.

Automatic control of the speed of ladle tipping in the pouring of cast iron. V. I. Beloshabskii, A. L. Shteiner. Metallurg 6 no. 5 10-12 My '61.

Automatic control of the stamping of die holders. A. I. Maksimov, N. I. Vakhurin. Kuz.-shtam. proizv. 3 no. 5 13-17 My '61.

Automatic control of voltage on cable clamps in oil well drilling. IA. B. Kadymov, M. M. Rasulov. Azerb. neft. khoz. 40 no. 3 46-48 Mr '61

Automatic device to distribute the mud mixture in the compartments of a self-propelled dredger. V. G. Kharazov. Trudy TSNIIMF 7 no. 32, 78-84 '61.

Automatic gauge for circulating loads in mills. V. G. Sinev. Gor. zhur. no. 3, 56-58 Mr '60

Automatic lines for the production of planed lumber and parts. R. E. Kalitcevskii and others. Der. prom. 10 no. 3:7-9 Mr '61.

Automatic machines for pressing and sizing bimetallic contacts. IU. M. Liberman. Biul. tekh.-ekon. inform. no. 4:25-27 '61.

Automatic production line for repeated processing of furniture panels. V. P. Bukhtiarov. Der. prom. 10 no. 3:3-6 Mr '61.

Automatic ventilation door. N. G. Trushchenko, O. A. Savanovich. Gor. zhur. no. 3:52-53 Mr '60

Automatically controlled recording on graphs of the performed movements. I. A. Il'inov. Vest. TSNII MPS 20 no. 3,61-61 '61

Automating the temperature signaling protection in a boiler department. V. N. Shenderovich. Energetik 9 no. 5 14-17 My '61

Automation and telemechanics in central mine substations in coal mines. L. I. Poltava, V. I. Fursov. Izv. vys. ucheb. zav., gor. zhur. no. 11 92-98 '59.

Automation of a system of belt conveyors. G. G. Zelichenok. Stroi. i dor. mash. 6 no. 2 17-22 F '61.

Automation of gas recovery processes, and gas gathering systems at gas fields. P. F. Vodianik. Gaz. prom. 6 no. 5 11-13 My '61

Automation of the control of mechanical presses. R. I. Mazo. Stek. i fer. 18 no. 5 36-37 My '61.

Automation of the production processes in the Southern Mining and Dressing Combine crushing plant. I. G. Pikhalenko, N. S. Sidoruk, A. A. Lagermark. Gor. zhur. no. 3 53-55 Mr '60

Basic trends in the automatization of shoe material cutting. Report No. 1. A. A. Afanas'ev. Izv. vys. ucheb. zav., tekh. leg. prom. no. 2 33-43 '61

Brief report on a research mission to the United States of America. O. H. Ivakhnenko. Avtomatyka no. 1 78-96 '60.

Closed relay control system of the asynchronous motor of mine hoist. A. G. Vigandt. Izv. vys. ucheb. zav.; gor. zhur. no. 11:99-107 '59.

Conference on the over-all mechanization and automatization of metallurgical machine units. M. P. Zolotarev. Stal' 20 no. 7, 671 Jl '60

Connection of the nonabsolute invariantness condition with works on the structural synthesis of high fidelity systems [with summary in English]. O. H. Ivakhnenko. Avtomatyka no. 1 3-14 '60

Continuous centralized control of main production processes. D. Z. Freidenzon. Stal' 21 no. 5 458-460 My '61.

Control of the rotation direction of the hoist. A. T. Kniazev, A. I. Vinnik, N. N. Kulakov. Ugol' Ukr. 5 no. 5:17-18 My '61.

Conversion of the structural networks of multistage systems with crossing parallel couplings. A. S. Sergeev. Izv. vys. ucheb. zav., elektromekh. 3 no. 12:112-116 '60.

Didenko, K. I., and Zh. A. Guseva. [New regulating and control equipment] Novaia apparatura kontrolia i regulirovaniia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 222 p.

Direct automatic loading of coal into railroad cars without using storage bins. N. E. Zarankin, V. V. Silivestrov. Ugol' 36 no. 4:23-26 Ap '61.

Disconnecting and blocking device containing a mechanism for signaling the fault of an electric motor on continuous production lines. B. F. Dikii. Energetik 9 no. 5:27-29 My '61.

Efficiency of introducing complete automatization of passenger ship power plants. F. Urlang. Rech. transp. 20 no. 5:24-26 My '61.

Elements of automatic control in the course of physics. S. A. Khoroshavin. Fiz. v shkole 20 no. 2, 63-67 Mr-Ap '60.

Limiting process in the solution of a problem in optimal control. F. M. Kirillova. Prikl. mat. i mekh. 24 no. 2 277-282 Mr-Ap '60.

Mechanization and automatization in leather manufacture. I. K. Kviatkevich, E. P. Levashova. Nauch.-issl. trudy TSNIKP no. 30 107-114 '59.

Mechanization and automatization of production in the "Marksist" Leather Combine (to be continued). I. I. Markichev. Kozh.-obuv. prom. 3 no. 4:1-3 Ap '61.

Modernization of ChA-9a-2s automatic knitting machines. N. A. Zagorskii. Tekst. prom. 20 no. 3:56-58 Mr '60.

Modernizing the automatic control systems of mine ventilation units. V. I. Kot, L. IA. Margolin. Ugol' 36 no. 4:28-30 Ap '61.

Nauchno-tekhnicheskoe obshchestvo stroitel'noi industrii SSSR. [Over-all mechanization and automation in extracting and processing nonmetallic mineral building materials] Kompleksnaia mekhanizatsiia i avtomatizatsiia dobychi i pererabotki nerudnykh stroitel'nykh materialov. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 162 p.

New designs and products for assembling a system of inspection and automation. E. A. Prutkin, P. I. Ianovskii. Mont. i spets. rab. v stroi. 23 no. 4:9-13 Ap '61.

New equipment for automatic control and communication systems in mines and coal preparation plants. V. G. Ulitin. Ugol' 36 no. 3:27-29 Mr '61.

New method of determining the speed rate in the unwinding of cocoons on automatic machines operating on the principle of thread tension. E. B. Rubinov. Izv. vys. ucheb. zav.; tekh. teks. prom. no. 2:49-57 '61.

Okromeshko, N. V. [Mechanization and automatic control in foundries] Mekhanizatsiia i avtomatizatsiia liteinykh tsekhov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 374 p.

One method of developing optimum trajectories. N. N. Krasovskii. Mat. sbor. 53 no. 2:105-206 F '61.

Planning the automatic loading and unloading of coal at the Ust'-Donets dock. G. D. Smatnikov. Rech. transp. 19 no. 2 11-12 '60

Preselective control of a trimmer with hydraulic drive. G. M. Gernet. Izv. vys. ucheb. zav., lesn. zhur. no. 1 105-111 '60

Principles of automatic control in the thermal treatment of metals in the automobile industry. A. P. Frolkhin. Avt. prom. 27 no. 5:33-35 My '61.

Raising of the interference rejection level of optimalizing control systems in a steady state by complicating the modulating signal [with summary in English]. D. IU. Mandrovskyi-Sobolov. Avtomatyka no. 1 38-48 '60

Relay protection and automatic control in the electrification of the nation. I. D. Zeldzon. Elektrichestvo 31 no. 12 17-19 D '60

Results of testing automatic regulation systems of suction dredges. M. D. Druchenko. Rech. transp. 19 no. 3 43-44 Mr '60

Safety signaling relay system for vacuum bell presses. L. G. Bulakhnin. Ogneupory 25 no. 5:214-216 '60.

Self adjusting automatic control systems in ore dressing. V. M. Arshinskii. Izv. vys. ucheb. zav., gor. zhur. no. 6 95-104 '60.

Semiautomatic control of conveyers. G. G. Velikii, I. D. Reshetnik. Put' i put. khoz. 5 no. 1 27 Ja '61.

Setup for the automatic control and regulation of the process of boiling refined massecuites. I. A. Gusev. Sakh. prom. 34 no. 5:29-35 My '60.

Some problems in the over-all automation of technological processes in freight stations. A. A. Smekhov. Vest. TSNII MPS 20 no. 3:18-23 '61

Synthesis of relay diagrams for a mine signaling system. A. G. Karibaev. Izv. vys. ucheb. zav.; gor. zhur. no. 9: 129-134 '59.

Types and dimensional series of devices and means of automation. N. I. Zhukovskii. Standartizatsiia 25 no. 5:39-40 My '61.

Using the direct method in approximate calculation of an optimal control. N. N. Krasovskii. Prikl. mat. i mekh. 24 no. 2 271-276 Mr-Ap '60.

Variator as a guarantee of precision. O. Vasilenko. Znan. ta pratsia no. 2, 26 F '61.

AUTOMATIC CONTROL—ABSTRACTS

[Automatic control and radio engineering.] Ref. zhur., Avtom. i radioelektr. no. 6 Je '61.

AUTOMATIC CONTROL—ACCOUNTING

Analyzing economic efficiency in designing automatic devices. A. S. Konson. Priborostroenie no. 5 23-24 My '60

AUTOMATIC CONTROL—CONGRESSES

The first international congress of the International Federation of Automatic Control. Stan. i instr. 31 no. 5:41 My '60.

AUTOMATION

(See also subdivision under United States)

Automated crushing and grading plant. A. A. Dudko, I. IA. Kolker. Stroi. mat. 7 no. 4:20-23 Ap '61.

Automatic line for manufacturing coal-mining combine bits. I. I. Ermak, V. A. Romanov. Mekh. i avtom. proizv. 15 no. 5:10-11 My '61

Automation and mechanization in making track links. S. N. Aver'ianov, I. F. Shapovalov. Trakt. i sel'khozmash. 31 no. 5:39-43 My '61.

Automation and mechanization of production processes in the watch and clock industry. Priborostroenie no. 5 1-2 My '61

Automation and safety measures at cement plants. Kolliarov. Bezop. trudа v prom. 4 no. 5:26-2[illegible] '60.

Automation at the Tyrny-Auz Plant. I. I. Kosti, Kozhemiakin, K. V. Rozhkov. Trudy Mekhan. 153-160 '60.

Automation in casting shops. N. Leibel'is, M. NTO 2 no. 5:15-17 My '60.

Automation of a reversing mill for cold rolling ferrous metals. I. M. Boguslavskii, N. I. Zhil, V. I. Feigin. Sbor. mat. po avtom. proizv. prot. no. 5 72-93 '60.

Automation of induction furnaces for melting zinc. G. V. Korendiasev. Sbor. mat. po avtom. prots. i disp. no. 6 62-71 '60

Automation of the Bessemer process. D. I. Tu. Mekh. i avtom. proizv. 15 no. 5:7-8 My '61

Automation of the cooling of ingot molds. B. I. IA. S. Pinus. Mekh. i avtom. proizv. 15 no. 5 '61.

Automation of the drying of coatings at the Gorlovka Mobile Plant. M. I. TSyrlin, V. Z. Gurevich. Stroitel' no. 5 19-20 My '61.

Automation of the machining of shafts. E. I. Zaz. Stan. i instr. 32 no. 5:20-24 My '61.

Broiler, a living link on the conveyer. I. Litvin. Tekh. mol. 29 no. 4:14-15 Ap '61.

Development of over-all mechanization and automation in the coal mining industry. Mekh. i avtom. proiz. [illegible] no. 5 16-17 My '61

Development of the mechanization and automation of metal-cutting processes. V. I. Cherepnev. Trudy Inst. tsvet. i tekh. 48 59-81 '61

Devices for the automation of the application of electrolytic and chemical coatings. N. N. Moskov. Mashinostroitel' no. 5 15-17 My '61

Economic efficiency of the introduction of automation in lumberyards. A. G. Zheludkov. Mekh. i avtom. proizv. 15 no. 5:10-12 My '61

Experimental automation of roasting processes of zinc concentrates in a fluidized bed. G. V. Korendiasev. Sbor. mat. po avtom. proizv. prots. i disp. no. 6 52-61 '60

Generous gifts of automation. A. Rybal'. Znan. ta pratsia no. 2, 1-6 F '61

Industrial information. Sbor. mat. po avtom. proizv. prots. i disp. no. 5 122-124 '60

Means of mechanization of production control. R. G. Arshinskii, B. G. Bochever. Avt. prom. 27 no. 5 1-6 My '61.

Mechanization and automation of chain-driven drawing machines. F. P. Frolov. Mashinostroitel' no. 5:14 My '60.

Mechanization and automation of processes for applying anti-corrosive coatings in the machinery industry. N. N. Koval'skii. Mashinostroitel' no. 5 13-14 My '61.

The mechanization of manual labor. G. Dolbain. Komsom. zhizn' no. 17, 1-5 S '60.

Modernization of industrial equipment is the way to fulfill the seven-year plan ahead of schedule. D. A. Ryzhkov. Mashinostroitel' no. 5:2-4 My '60.

New semiautomatic line. I. I. Chernov. Mashinostroitel' no. 5-6-7 My '60.

Over-all automation of production and automatic rotary lines. I. Koshkin. NTO 2 no. 5:29-32 My '60.

Over-all mechanization and automation in the bearing industry. A. I. Spriishevskii, I. M. Metalov. Mekh. i avtom. proizv. 15 no. 5:1-7 My '61.

Over-all mechanization and automation in the porcelain factories of the Kiev Economic Council. Stek. i fer. 18 no. 5 40-42 My '61.

Over-all mechanization and automation in the textile industry. N. M. Golubev. Mekh. i avtom. proizv. 15 no. 5:60-61 My '61.

Over-all mechanization and automation of production processes in enterprises of the Perm Economic Council. M. I. Aleshin. Biul. tekh.-ekon. inform. no. 4:82-84 '61.

Railroads are waiting for help from the scientific technical community. L. Karpov. NTO 3 no. 5:23-25 My '61.

Rodov, G. M., and I. M. Potrabinnik. [Automation of stamping equipment] Avtomatizatsiia shtampovochnogo oborudovaniia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 133 p.

The role of man in the operation of automatic machinery [with summary in English, p. 186]. D. A. Oshanin. D. 187 Panov. Vop. filos. 15 no. 5 47-57 '61

Ruslom, S. L., and O. P. Mazashchenko. [Equipment, automation, and mechanization in heat-treating departments] Obladnannia, avtomatyzatsiia i mekhanizatsiia v termichnykh tsekhakh. Moskva, Derzh. naukovo-tekhn. vyd-vo mashynobudivnoi lit-ry, 1959. 371 p.

Some data on research in manless coal mining in foreign countries. I. A. Babokin, G. G. Shetin. Ugol' 36 no. 4: 52-57 Ap '61.

Technological progress and workers' condition in capitalist countries. N. Ivanov. Mir. ekon. i mezhdunar. otn. no. 6, 107-109 Je '61.

AUTOMATION—BIBLIOGRAPHY see Bibliography—

AUTOMOBILE INDUSTRY
(see also subdivision under Minsk, Moscow)
Means of mechanization of production control. R. G. IAshunskii, B. G. Bochever. Avt. prom. 27 no. 5:1-6 My '61.
Principles of automatic control in the thermal treatment of metals in the automobile industry. A. P. Erokhin. Avt. prom. 27 no. 5 33-35 My '61.
Sharpening of competition on the automobile market and new automobile styles. V. Bullmon. Avt. transp. 39 no. 4:60-61 Ap '61.

AUTOMOBILE INDUSTRY—HYGIENIC ASPECTS see subdivision under Lvov

AUTOMOBILE RACING see subdivision under Moscow

AUTOMOBILE TRAINS
Mechanized building automobile train. Stroitel' no. 4 26 Ap '61
Some problems in the development of heavy automobile trains. IA. Zakin. Avt. transp. 39 no. 1:33-36 Ap '61.

AUTOMOBILES
(see also subdivision under Tashkent)
Shipilova, A. I., and Lutsenko, F. M. [The "Zaporozhets" small-displacement automobile] Mikrolitrazhnyi avtomobil' "Zaporozhets," [Zaporozh'e] Zaporozhskoe knizhno-gazetnoe izd-vo, 1960. 16 p.

AUTOMOBILES—BRAKES
(see also subdivision under France)
Instruments for checking the quality of automobile brakes in the course of operation. A. Kolychev. Avt. transp. 39 no. 5 27-30 My '61.

AUTOMOBILES—DESIGN AND CONSTRUCTION
(see also subdivision under Italy)
Studying the technical and economic advantages of new synthetic materials in automobile manufacture. B. I. Rodin. Avt. prom. 27 no. 5 29-32 My '61.

AUTOMOBILES—ENGINES
Determining the torsional oscillations and parameters of oscillation dampers for new engines. IU. A. Kogan. Avt. prom. 27 no. 5:15-17 My '61.
Repair of ZIL-12 and GAZ-51 engine connecting rods. IA. Kunkin. Avt. transp. 39 no. 4 28 Ap '61.

AUTOMOBILES—ENGINES—COOLING
Automatic temperature regulator for the cooling water of the engine. A. Kh. Eltava. Avt. prom. 27 no. 5 18-19 My '61.

AUTOMOBILES—FUEL CONSUMPTION
Instrument for determining the road and economic characteristics of automobiles. V. Boikov. Avt. transp. 39 no. 4:23-24 Ap '61.

AUTOMOBILES—FUEL SYSTEMS
New feeding system mechanisms for the engines of ZIL-130 and ZIL-131 automobiles. V. Panfilov. Avt. transp. 39 no. 4 37-41 Ap '61

AUTOMOBILES—LUBRICATION
Measuring the thickness of the lubricant layer in bearings. B. E. Korotenko, I. A. Gridneva. Avt. prom. 27 no. 5:27-29 My '61.

AUTOMOBILES—MAINTENANCE AND REPAIR
Glue instead of rivets. N. Manukov. Tekh. v sel'khoz. 20 no. 4 62-67 Ap '60.
Repair of ZIL-12 and GAZ-51 engine connecting rods. IA. Kunkin. Avt. transp. 39 no. 4:28 Ap '61.

AUTOMOBILES—SPRINGS
More about the problem of automobile suspensions. R. V. Rotenberg. Avt. prom. 27 no. 5:8-10 My '61.
Results of the discussion concerning the development of automobile suspensions. Avt. prom. 27 no. 5:7-8 My '61.

JTOMOBILES—STABILITY see Stability of automobiles

UTOMOBILES—STEERING GEAR
Design of steering mechanisms with variable gear ratio. M. I. Lysov. Avt. prom. 27 no. 5:11-14 My '61.
Using the electric measurement method for the study of steering gear. L. L. Ginisburg, V. E. Vendel'. Avt. prom. 27 no. 5:24-27 My '61.

UTOMOBILES—TESTING
nstrument for determining the road and economic characteristics of automobiles. V. Boikov. Avt. transp. 39 no. 4:23-24 Ap '61.

JTOMOBILES—TIRES
"Fundamentals of the modern technology of automobile tires" by A. V. Saltykov. Reviewed by M. A. Poliak. Kauch. i rez. 20 no. 4:64 Ap '61.

TOMOBILES—TRANSMISSION DEVICES
Reconditioning of needle bearings of the cardan cross-piece. A. Golovach. Avt. transp. 39 no. 5:53 My '61.

AUTOMOBILES—WHEELS
Estimating the grip of the automobile wheel. IU. D. Stiuko. Izv. vys. ucheb. zav., les. zhur. 3 no. 1 93-98 '60

AUTOMOBILES, MILITARY
Let's tighten discipline among the drivers of military automobiles and trucks. I. Korovnikov. Komm. Vooruzh. Sil 1 no. 11, 36-40 Je '61.

AUTOMOBILES, PLASTIC
Plastic automobile body. V. S. TSybin. Izv. vys. ucheb. zav., mashinostr. no. 3 46-49 '61.

AUTOMOBILES, RENTAL
Motorcar renting contracts. D. Levenson. Sots. zakon. 38 no. 6 64-65 Je '61.

AUTOMOTIVE TRANSPORTATION see Transportation, Automotive

AUTONOMIC DRUGS
Central effects of ganglionlytic quaternary ammonium derivatives [with summary in English]. M. L. Tarakhovskii. Farm. i toks. 24 no. 1 3-13 Ja-F '61.
Effect of ganglionlytic substances on the chemical composition of the liver and blood in total fasting [with summary in English]. I. A. Dzhevetskaia. Pat. fiziol. i eksp. terap. 5 no. 2:45-49 Mr-Ap '61.
Effect of ganglionic-blocking agents on the conduction rate of nervous stimuli in the sympathetic ganglia [with summary in English]. D. A. Kharkevich. Biul. eksp. biol. i med. 49 no. 3 61-64 Mr '60.
Effect of neurotropic substances on the urine secretion of the kidney. E. B. Berkhin. Farm. i toks. 24 no. 1:118-121 Ja-F '61
Ganglion-blocking drugs and their use. S. N. Nilovskaia. Med. sestra 20 no. 4 37-41 Ap '61.
Local anesthesia with use of ganglion-blocking and neuroplegic drugs in extirpation of the uterus. N. M. Novikova. Akt. vop. oberbol. no. 2 203-206 '59.
Potentiated medicinal preparation of patients in ophthalmic surgery. M. L. Krasnov, V. I. Borishpolets. Akt. vop. oberbol. no. 2, 31-36 '59.
Use of cholinolytic substances in the treatment of alcoholism [with summary in French]. L. M. Litvak. Zhur. nevr. i psikh. 60 no. 11, 1518-1522 '60
Use of neuroplegic substances in operations on the thyroid gland. L. N. Kamardin. Probl. endok. i gorm. 7 no. 2 68-71 Mr-Ap '61

AUTONOMIC NERVOUS SYSTEM see Nervous system, Autonomic

AUXILIARY POLICE
Akademiia nauk BSSR, Minsk, Addzel pravavykh navuk. [The Soviet people and their participation in ensuring a strict observance of laws] Sovetskaia obshchestvennost' i ukreplenie pravoporiadka. Minsk, 1961. 232 p.
"The guardians of law and order" by V. Osnovin, N. Poborchaia, V. Trufanov. Reviewed by E. Fedotov. Sov. deput. trud. no. 6, 91-93 Je '61.
It was just a year ago. A. Ignatenko and others. Sov. iust. no. 4 6-10 Ap '60
Lenin on the role of the public in the administration of justice. Sov. iust. no. 1 1-5 Ap '60
Voluntary policemen and some problems concerning the social life of workers. V. I. Naulko. Nauchn. tvorch. ta etn. 5 no. 1, 77-79 Ja-F '61.
Voluntary policemen maintain law and order. V. Zhirnov, N. Il'inykh. Sots. zakon. 37 no. 4 52 Ap '60
The work of auxiliary policemen helps to prevent criminal offenses. S. Gusev. Sots. zakon. 38 no. 6 15-18 Je '61

AUXINS—PHYSIOLOGICAL EFFECT
Effect of auxins on the transpiration and dry matter content of girdled branches. G. M. Minaeva. Biul. Glav. bot. sada no. 38 88-90 '60.

AVALANCHES see subdivision under Terskei Ala-Tau

AVICENNA, 980?-1037?
Complete edition of Avicenna's "Canon of medical science." Reviewed by V. N. Ternovskii. Sov. zdrav. 20 no. 4 69-73 '61

AZBUKIN, DMITRII IVANOVICH, 1885-
Dmitrii Ivanovich Azbukin, on his 75th birthday. Zhur. nevr. i psikh. 60 no. 3 391 '60.

AZERBAIJAN—AGRICULTURE
Poladov, M. M. [Agriculture of Azerbaijan during the last 40 years] Azerbaichan SSR kënd tësërrufaty 40 ildë. Baky, Azerbaichan devlet neshrilaty, 1960. 181 p. [In Azerbaijani]
[MICROFILM]

AZERBAIJAN—BOOKSELLERS AND BOOKSELLING
More coordination. E. Smekovskaia. Sov. knizh. torg. 13 no. 4 24-25 Ap '61

AZERBAIJAN—BOTANY, MEDICAL
Achievements in the study of the medicinal resources of Azerbaijan [in Azerbaijani with Russian summary]. D. IA. Guseinov. Azerb. med. zhur. no. 4:120-133 Ap '60.

AZERBAIJAN—CHILDREN—CARE AND HYGIENE
Protection of the health of mothers and children in the Azerbaijanian S. S. R. [in Azerbaijani with Russian summary]. K. IA. Faradzheva. Azerb. med. zhur. no. 4 66-72 Ap '60

AZERBAIJAN—COASTS
Principal features of the morphology and evolution of the Caspian shore of northern Azerbaijan. G. K. Ivanov. Trudy Okean. kom. 8 4-32 '61

AZERBAIJAN—COMMUNIST YOUTH LEAGUE
More help for scouts of the future. V. Mironov. Pionerskaia zhizn' no. 9 8-11 My '61

AZERBAIJAN—CROWS
Molting in some species of corvoid birds [Corvidae] [in Azerbaijani with summary in Russian]. G. S. Mustafaev. Uch. zap. AGU. Biol. ser. no. 3 37-41 '60

AZERBAIJAN—EUCOMMIA
Chemical composition of leaves and bark of Eucommia ulmoides Oliv. cultivated in Azerbaijan and the effect of galenicals derived from it on the cardiovascular system. R. K. Aliev and others. Uch. zap. AGU. Biol. ser. no. 4 57-61 '60

AZERBAIJAN—FORAMINIFERA, FOSSIL
New species of Asterigerina in Upper Eocene sediment in Azerbaijan. D. M. Khalilov. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk no. 5 41-52 '60.

AZERBAIJAN—GAS, NATURAL—GEOLOGY
Some results of the scientific research on geological and gas prospecting methods to be used in Azerbaijan carried out by the Azerbaijan Scientific Research Institute for Petroleum Production. G. A. Akhmedov. Trudy AzNII DN no. 9 5-10 '60.

AZERBAIJAN—GEOLOGY, STRATIGRAPHIC
Boundary between the Apsheron and the Akchagyl based on microfauna. D. A. Agaliarova, Kh. M. Kuliev. Trudy AzNII DN no. 9 58-61 '60

AZERBAIJAN—GEOLOGY, STRUCTURAL
New data on recent tectonic movements in western Azerbaijan and eastern Georgia. M. G. Agavelov, A. V. Mamedov. Izv. AN SSSR. Ser. geol. 26 no. 5 80-87 My '61.

AZERBAIJAN—GRAIN TRADE
Production and sale of grain for food in the Azerbaijan S. S. R. [in Azerbaijani with summary in Russian]. I. B. Mekhtaliev. Dokl. AN Azerb. SSR 17 no. 1 [illegible] '61.

AZERBAIJAN—HEALTH RESORTS, WATERING PLACES, ETC.
Achievements in the study of the medicinal resources of Azerbaijan [in Azerbaijani with Russian summary]. D. IA. Guseinov. Azerb. med. zhur. no. 4 129-133 Ap '60.
Condition of health resort and sanatorium care and prospects for its further development [in Azerbaijani with Russian summary]. Sh. M. Gasanov. Azerb. med. zhur. no. 4 59-66 '60.

AZERBAIJAN—HEMP
Species and forms of wild hemp occurring as weeds in Azerbaijan and their technological value. I. I. Nikiforov. Uch. zap. AGU. Biol. ser. no. 1 65-72 '60

AZERBAIJAN—INDUSTRIAL SAFETY
In the State Mine Inspection of the Azerbaijan S. S. R. Bezop. truda v prom. 4 no. 5:30 My '60.

AZERBAIJAN—JOURNALISM
Terminology used in the Soviet Azerbaijani press, 1920-1950 [in Azerbaijani with summary in Russian]. A. Magerramov. Trudy API 7:8-22 '59.

AZERBAIJAN—LARVAE—AMPHIBIA
Importance of the larvae of tailless amphibians in the fishery management of various bodies of water in Azerbaijan and southern Daghestan. B. P. Kiriukhin. Uch. zap. AGU. Biol. ser. no. 1 61-64 '60

AZERBAIJAN—MEDICINE
Forty years of the development of medical science in Azerbaijan [in Azerbaijani with Russian summary]. D. IU. Guseinov. Azerb. med. zhur. no. 4:44-54 Ap '60.

AZERBAIJAN—MEDICINE—STUDY AND TEACHING
Azerbaijan State Institute of Higher Medical Education on the 40th anniversary of the Communist Party of Azerbaijan and the establishment of Soviet rule in the republic [in Azerbaijani with Russian summary]. A. M. Aliev. Azerb. med. zhur. no. 4:38-44 Ap '60.
A forge for medical personnel and a focus of medical science [in Azerbaijani with Russian summary]. B. A. Eivazov. Azerb. med. zhur. no. 4:28-38 '60.

AZERBAIJAN—OIL FIELDS
Babazade, B. K. [Classification of Azerbaijan oil and gas pools] Klassifikatsiia zalezhei nefti i gaza Azerbaidzhana. Red. M. F. Mirchink. Baku, Azerbaidzhanskoe gos. izd-vo neft. i nauchno-tekhn. lit-ry, 1960. 132 p.

AZERBAIJAN—OIL FIELDS—PRODUCTION METHODS

Research on the development of Azerbaijan oil fields carried out by the Azerbaijan Scientific Research Institute for Petroleum Production. A. M. Pirverdian, P. I. Nikitin, Z. G. Rzabekov. Trudy AzNII DN no. 9: 203-218 '60.

AZERBAIJAN—OIL SANDS

Some characteristic changes in the reservoir properties of the horizon I of the Mishovdag producing field. S. S. Adzhalova. Trudy AzNII DN no. 9: 71-75 '60.

AZERBAIJAN—OIL WELL DRILLING

Brief review of the studies of drilling methods carried out by the Azerbaijan Scientific Research Institute for Petroleum Production. D. S. Kasum-zade and others. Trudy AzNII DN no. 9: 105-109 '60.

Effect of depth on technical and economic indices of test well drilling. G. N. D'yakonov-zade and others. Trudy AzNII DN no. 9: 191-202 '60.

Means for increasing the efficiency of drilling second wells in fields of the Oil Field Administration of the Stalin Petroleum Trust. M. M. Mustafaev, R. S. Petrosov. Azerb. neft. khoz. 10 no. 3: 30-32 Mr '61.

AZERBAIJAN—OIL WELL DRILLING—EQUIPMENT AND SUPPLIES

Sinking wells 6000 meters deep. M. M. Karpenko, G. N. Protasov, A. S. Shevtsov. Trudy AzNII DN no. 9: 110-121 '60.

AZERBAIJAN—OPHTHALMOLOGY

Achievements of ophthalmology in Azerbaijan under Soviet rule [in Azerbaijani with Russian summary]. U. Kh. Musabeili. Azerb. med. zhur. no. 4: 55-59 Ap '60.

AZERBAIJAN—PASTURES AND MEADOWS

Some data on the experimental work of the Zakataly Alpine Pasture Station. V. D. Gadzhiev. Izv. AN Azerb. SSR, Ser. biol. i med. nauk no. 1: 63-72 '60.

AZERBAIJAN—PETROLEUM GEOLOGY

"Geology and petroleum in western Azerbaijan" by M. G. Agabekov and A. V. Memedov. Reviewed by A. G. Aliev. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk no. 5: 173-175 '60.

Origin of the producing layer in Azerbaijan. T. S. Shakhsuvarov, A. T. Petrosian. Dokl. AN Azerb. SSR 17 no. 3: 219-222 '61.

Some results of the scientific research on geological oil and gas prospecting methods to be used in Azerbaijan carried out by the Azerbaijan Scientific Research Institute for Petroleum Production. G. A. Akhmedov. Trudy AzNII DN no. 9: 5-10 '60.

AZERBAIJAN—PETROLEUM INDUSTRY

Competition continues. P. M. Davydov. Neftianik 6 no. 5: 4-5 My '61.

Twenty medals awarded by the Exhibition of Achievements of the National Economy of the U. S. S. R. Neftianik 6 no. 5: 23 My '61.

AZERBAIJAN—PETROLEUM MINING

Geological conditions permitting the open pit and underground mining of some oil fields in Azerbaijan. S. G. Nadirov. Trudy AzNII DN no. 9: 90-98 '60.

AZERBAIJAN—PETROLEUM REFINERIES—EQUIPMENT AND SUPPLIES

Honorary award. Neftianik 6 no. 5: 23 My '61.

AZERBAIJAN—PHOTOGRAPHY

Growth of mastery. D. Bal'termants. Sov. foto 21 no. 5: 24 My '61.

AZERBAIJAN—PHYSICAL EDUCATION AND TRAINING

Organization work for the "Ready for Labor and the Defense of the U. S. S. R." complex in Azerbaijan. M. Iskanderov, B. Batlaikin. Tekh. i prak. fiz. kul't. 24 no. 2: 92-95 '61.

AZERBAIJAN—PHYTOGEOGRAPHY

Analysis of the flora of seashore sands in Azerbaijan. S. D. Agadzhanov. Uch. zap. AGU Biol. ser. no. 4: 39-48 '60.

Division of the Azerbaijan S. S. R. into districts based on agricultural ecology. I. M. Akhund-zade. Izv. AN Azerb. SSR, Ser. biol. i med. nauk no. 1: 37-50 '60.

AZERBAIJAN—PLANT LICE

Aphid fauna of grain fields in Azerbaijan. N. V. Rusanova. Uch. zap. AGU, Biol. ser. no. 1: 25-29 '60.

AZERBAIJAN—PRIVET

Pharmacognostic study of the common privet grown in Azerbaijan. D. Z. Shukiurov. Izv. AN Azerb. SSR, Ser. biol. i med. nauk no. 1: 129-132 '60.

AZERBAIJAN—RED SPIDER

The mite Bryobia redikorzevi Reck as a fruit tree pest in Azerbaijan [in Azerbaijani with summary in English]. S. G. Khalilova, D. A. Radzhabova. Uch. zap. AGU Biol. ser. no. 4: 49-56 '60.

AZERBAIJAN—RUSTS (FUNGI)

U'yanishchev, V. I. [Fungi of Azerbaijan] Mikoflora Azerbaidzhana. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR.

Vol. 3. [Rust fungi] Rzhavchinnye griby. Pt. 1. 1960. 251 p.

AZERBAIJAN—SEISMIC PROSPECTING

Offshore seismic prospecting in the Azerbaijan S. S. R. S. IA. Rapoport, N. I. Shapirovskii, IU. G. Gambarov. Trudy AzNII DN no. 9: 11-25 '60.

AZERBAIJAN—SHOE INDUSTRY

Approved new shoe styles. M. Musaev. Kozh.-obuv. prom. 2 no. 3: 36 Mr '60.

AZERBAIJAN—SHOE INDUSTRY—LABOR PRODUCTIVITY

In the shoe factories of the Azerbaijan S. S. R. M. Aslanly. Kozh.-obuv. prom. 2 no. 1: 49 Mr '60.

AZERBAIJAN—SOILS—CLASSIFICATION

Classification of Azerbaijanian soils. V. R. Volobuev. Izv. AN Azerb. SSR, Ser. biol. i med. nauk no. 1: 3-15 '60.

AZERBAIJAN—SURGERY

Improvement of surgical care in the republic [in Azerbaijani with Russian summary]. M. M. Mekhtiev. Azerb. med. zhur. no. 4: 73-76 Ap '60.

AZERBAIJAN—SURGICAL SOCIETIES

Report No. 1 of the plenary session of the Azerbaijan Surgical Society, held on January 30, 1959. Azerb. med. zhur. no. 4: 134-135 Ap '60.

AZERBAIJAN—TRACE ELEMENTS

Distribution of minor elements in petroleums, rocks and waters of the Maikop series in Azerbaijan. A. D. Izmailova. Trudy AzNII DN no. 9: 47-63 '60.

AZERBAIJAN—TREES

Living monuments of cultivated plants in Azerbaijan. V. Kh. Tutaluk. Izv. AN Azerb. SSR, Ser. biol. i med. nauk no. 1: 27-36 '60.

AZERBAIJAN—WATER, UNDERGROUND

Characterization of water-bearing horizons of Quaternary sediments of the Kuba-Khachmas massif [in Azerbaijani with summary in Russian]. M. M. Mamed'iarov. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk no. 5: 111-123 '60.

Comparing waters of some mud volcanoes in the Kyurovdag-Babazan-Khilly-Neftechala anticlinal zone containing formation waters. M. S. Agalarov, A. R. Akhundov, P. A. Shoikhet. Azerb. neft. khoz. 40 no. 3: 7-10 Mr '61.

AZERBAIJAN—WILD BOAR

Method for counting the boar population in Azerbaijan [in Azerbaijani with summary in Russian]. M. A. Safarov. Izv. AN Azerb. SSR, Ser. biol. i med. nauk no. 1: 125-128 '60.

Some data on the biology of the wild boar in Azerbaijan [in Azerbaijani with summary in Russian]. M. A. Safarov. Uch. zap. AGU Biol. ser. no. 1: 73-77 '60.

AZERBAIJAN—WOMEN—HEALTH AND HYGIENE

Protection of the health of mothers and children in the Azerbaijanian S. S. R. [in Azerbaijani with Russian summary]. K. IA. Faradzheva. Azerb. med. zhur. no. 4: 66-72 Ap '60.

AZERBAIJAN—ZOOLOGY

Materials on the history of the development of invertebrate zoology in Azerbaijan during the Soviet regime. V. N. Rusanova. Uch. zap. AGU Biol. ser. no. 3: 17-21 '60.

AZERBAIJANI LANGUAGE—FOREIGN WORDS AND PHRASES

Terminology used in the Soviet Azerbaijani press: 1920-1950 [in Azerbaijani with summary in Russian]. A. Magerramov. Trudy API 7: 8-22 '59.

AZERBAIJANI LANGUAGE—GRAMMAR

The object in the modern Azerbaijani language [in Azerbaijani with summary in Russian]. B. Kh. Ragimova. Trudy API 7: 23-34 '59.

AZERBAIJANI LANGUAGE—SYNTAX

On word combinations [in Azerbaijani with summary in Russian]. Z. Kh. Tagizade. Trudy API 7: 60-72 '59.

AZERBAIJANI LITERATURE—HISTORY AND CRITICISM

Introduction to the history of Azerbaijani literature. M. Rafili. Trudy API 7: 98-109 '59.

AZERBAIJANI LITERATURE, EPIC see Epic literature, Azerbaijani

AZERBAIJANI PAINTINGS see Paintings, Azerbaijani

AZERBAIJANI POETRY—HISTORY AND CRITICISM

Azerbaijani lyric poetry during the Great Patriotic War [in Azerbaijani with summary in Russian]. P. Efendiev. Trudy API 7: 127-141 '59.

AZERBAIJANI TALES see Tales, Azerbaijani

AZO DYES

Preparation of azo dyes insoluble in water. I. N. Nikolenko, K. K. Babievskii. Zhur. prik. khim. 34 no. 10: 2373-2377 O '60.

AZOTOBACTER

Nature of the action of Azotobacter and phosphorus bacteria during the initial germination periods of sugar beet seeds. I. A. Heller. Mikrobiol. zhur. 23 no. 1: 15-20 '61.

Some data on the relationship of nitrogen fixation with respiration and oxidative phosphorylation in Azotobacter vinelandii [with summary in English]. G. N. Zattsev, A. I. Agafova, A. N. Belozerskii. Biokhimiia 26 no. 2: 338-349 Mr-Ap '61.

Studying phosphorus compounds in developing Azotobacter vinelandii by the use of P^{32} [with summary in English]. G. N. Zattseva, A. N. Belozerskii, I. P. Novoshilova. Biokhimiia 25 no. 2: 198-210 Mr-Ap '60.

AZOV, SEA OF—ANCHOVIES

Chemical composition of the anchovy of the Sea of Azov during the prespawning, spawning, and premigration periods of its yearly life cycle. Report No. 2. G. E. Shul'man. Vop. ikht. no. 17: 93-109 '61.

AZOV, SEA OF—CARP

Fattening conditions of bream, roach, and vimba in the Sea of Azov following streamflow regulation of the Don River. M. V. Zheltenkova. Vop. ikht. 1 no. 1: 89-106 '61.

AZOV, SEA OF—COAST CHANGES

Can we stop the destruction of the shores of the Sea of Azov? D. G. Panov, V. A. Mamykina. Priroda 50 no. 5: 50-51 My '61.

AZOV, SEA OF—COASTS

Shore types in the northeastern part of the Sea of Azov and their dynamic characteristics. V. A. Mamykina. Trudy Okean. kom. 8: 33-41 '61.

AZOV, SEA OF—THORIUM—ISOTOPES

Thorium isotope concentration in waters of the Sea of Azov. D. S. Nikolaev, K. F. Lazarev, S. M. Grashchenko. Dokl. AN SSSR 136 no. 3: 674-676 My '61.

AZOV SEA REGION—PALEOGEOGRAPHY

Composition of the fauna and characteristics of the development of the Azov-Black Sea basin in the late Quaternary period. I. A. Nevesskaia, E. N. Nevesskii. Dokl. AN SSSR 136 no. 5: 1193-1196 F '61.

BCG

Survivability of BCG strains of varying origin in the body of experimental animals [with summary in French]. A. M. Rozenberg. Probl. tub. 38 no. 3: 100-106 '60.

BCG VACCINATION

Antituberculosis vaccination of infected patients. G. G. Karapetian. Probl. tub. 39 no. 1: 8-15 '61.

BCG and streptomycin therapy in exhibits of osteoarticular tuberculosis caused by Mycobacterium tuberculosis resistant and sensitive to streptomycin. P. B. Il'ina. Probl. tub. 39 no. 3: 61-66 '61.

BCG test and its significance in BCG vaccination against tuberculosis. Fam Ngok Chukh, Nguen Din Khuong. Probl. tub. 39 no. 3: 62-63 '61.

Dissemination of BCG cultures labeled with radioactive phosphorus in guinea pigs following intranasal administration [with summary in French]. M. S. Chizhikov. Probl. tub. 38 no. 3: 100-111 '60.

Lowered tuberculous allergy of the skin in adolescents receiving large peroral doses of BCG. S. D. Pagor'ian. Probl. tub. 39 no. 3: 25-29 '61.

Results of the administration of double BCG doses in newborn infants, preliminary communication. A. S. Mamaliat and others. Probl. tub. 39 no. 3: 16-22 '61.

Vaccination of Pirquet-positive subjects by repeated peroral administration of large doses of BCG. Probl. tub. 39 no. 3: 3-8 '61.

White mice as a model for the study of immunogenic activities of vaccinal strains. A. I. Toguzova, M. L. Khatenever. Probl. tub. 39 no. 3: 88-93 '61.

BACILLE CALMETTE-GUERIN see BCG

BACILLUS BREVIS

Supporting the active stage of organisms producing gramicidin [with summary in English]. G. V. Kochetkova, I. S. Novikova. Antibiotiki 6 no. 2: 103-104 F '61.

BACILLUS COLONIOMOBILE

Movement of bacterial colonies [with summary in English]. K. N. Sheretobeev. Mikrobiologiia 30 no. 1: 91-98 Ja-F '61.

BACILLUS MEGATHERIUM

Bacillus megatherium in some soil types of the Ukrainian S. S. R. N. M. Mal'tseva. Mikrobiol. zhur. 23 no. 1: 21-27 '61.

BACILLUS MESENTERICUS

Variability of Bac. mesentericus under the influence of phytoncides of Chenopodium botrys L. [with summary in English] B. D. Stanchev. Mikrobiologiia 30 no. 1 56-59 Ja-F '61

BACILLUS SUBTILIS

Penicillinase synthesis by certain sporogenous microorganisms [with summary in English] S. M. Chaikovskaia. Antibiotiki 6 no. 4 360-363 Ap '61.

Single-step polarographic wave of the proteinase of B. subtilis [with summary in English] I. D. Ivanov. Biokhimiia 25 no. 2 211-216 Mr-Ap '60

BACON, FRANCIS, 1561-1626

Francis Bacon and medical problems, on the 400th anniversary of his birth. T. A. Mikhailovskaia. Sov. zdrav. 20 no. 1 51-55 '61

BACTERIA

Antimicrobial substance from the cuticle of the gizzard [with summary in English] G. P. Plisanov. Antibiotiki 6 no. 2 189-191 F '61

Antimicrobial substances in Ukrainian hemp [with summary in English] A. S. Rabinovich, B. L. Aizenman, S. I. Zelepukha. Antibiotiki 6 no. 1 74-76 Ja '61

Disappearance of zooplankton as a factor in the increase of the bacterial population in bodies of water. F. F. Manuilova. Nauch. dokl. vys. shkoly, biol. nauki no. 2 19-22 '61

"Thyasology of bacteria" [in Rumanian] by I. Mesrobeanu, E. Paunescu. Reviewed by Z. V. Ermol'eva, F. N. Shlyakhov. Antibiotiki 6 no. 1 93-94 Ja '61

Prolonged retention of the capacity of bacteria to decompose fat [with summary in English]. G. I. Seliber, I. V. Dobrovol'skaia. Mikrobiologiia 30 no. 1 54-55 Ja-F '61.

Purine bases and their role in bacterial metabolism. E. L. Ruban. Mikrobiologiia 30 no. 1 173-180 Ja-F '61.

Sensitivity to antibiotics of L-form bacteria and of their reversed cultures [with summary in English] V. S. Levashev. Antibiotiki 6 no. 4 316-319 Ap '61

Simple method for evaluating microbial capacity to secrete substances destroying antibiotics [with summary in English] I. E. Demikhovskii. Antibiotiki 6 no. 3 256-262 Mr '61.

Some data on the tinctorial and morphological properties of acid-fast bacteria. V. N. Kolmykova. Lab. delo 7 no. 5:44-46 My '61.

BACTERIA, ANAEROBIC

Significance of protein substances in vital activities of some anaerobes [with summary in English] V. E. Kondrat'eva, V. N. Shvedova. Mikrobiologiia 30 no. 1 21-26 Ja-F '61.

BACTERIA, EFFECT OF DRUGS ON

Determination of the degree of sensitivity of dysentery bacteria and problems in effective treatment. A. A. Aklov. Lech. infekts. bol', no. 4:33-38 '60.

Determination of the sensitivity of diphtheria bacteria to antibiotics by means of paper indicator disks. E. V. Bakulina. Lab. delo 7 no. 5:57 My '61.

Monograph on a current problem ("Drug resistance of micro-organisms" by M. N. Lebedeva, S. D. Voropaeva. Reviewed by G. IA. Kivman, A. N. Shneerson). Antibiotiki 6 no. 3:283 Mr '61

Studies on the amidase activity of bacteria and the effect of certain chemotherapeutic substances on it [with summary in English]. G. N. Pershin, V. V. Nesvadba. Biokhimiia 25 no. 2:344-348 Mr-Ap '60

BACTERIA, PHOSPHORUS

Nature of the action of Azotobacter and phosphorus bacteria during the initial germination periods of sugar beet seeds. I. A. Heller. Mikrobiol. zhur. 23 no. 1, 15-20 '61.

BACTERIA, PHYTOPATHOGENIC

Antibiotic properties of species of the section Monoverticillata, genus Penicillium, isolated from the rhizosphere of agricultural plants in the Ukraine. Report No. 3 Effect of species of the section Monoverticillata, genus Penicillium, on the germination of cabbage seeds and on certain bacterial plant diseases. S. M. Kharchenko. Mikrobiol. zhur. 23 no. 1, 46-50 '61.

BACTERIA, SULFUR

(see also subdivision under Carpathian Mountain region)

A new species of green sulfur bacteria. E. I. Skalinskii, E. N. Kondrat'eva. Dokl. AN SSSR 138 no. 2:456-457 My '61.

BACTERICIDES

Imanin A, a new antibacterial preparation from *Hypericum perforatum L.* *N. A. Derbentseva, A. S. Rabinovych, S. I. Zelepukha.* Farmatsev. zhur. 15 no. 1: 45-48 '60.

BACTERIOLOGICAL LABORATORIES see subdivision under Moscow

BACTERIOLOGY—CULTURES AND CULTURE MEDIA

Cryoscopic method for determining the saturation of culture media fluids with antibiotics [with summary in English]. V. I. Iovshits. Antibiotiki 6 no. 2:119-120 F '61.

Toxicity of antibiotics in cultures of chick embryo fibroblasts [with summary in English] V. I. Zak. Antibiotiki 6 no. 3 246-251 Mr '61

BACTERIOLOGY, MEDICAL

"Sanitary microbiology" by V. L. Tsita. Reviewed by M. I. Rubinshtein. Gig. i san. 25 no. 7 116-118 Jl '60

BACTERIOPHAGE

Changes in immunobiological factors in white mice with radiation sickness, infected with murine typhus, and treated with bacteriophage. N. V. Gogebashvili. Soob. AN Gruz. SSR 31 no. 1 99-105 Ja '60.

Inactivation of antiphagic antibiotics by nucleic acids. N. A. Krasil'nikov, T. I. Kulinova. Dokl. AN SSSR 138 no. 4, 938-940 Je '61

Phage-induced changes in the antigen complexes of Brucella [with summary in English]. I. I. Dubrovskaia, N. N. Ostrovskaia. Biokhimiia 26 no. 2:290-295 Mr-Ap '61.

Significance of phage typing of typhoid fever bacteria in epidemiological practice. A. V. Vasil'eva, P. G. Stepanman, K. V. Moleva. Zdrav. Turk. 5 no. 2 10-12 Mr-Ap '61

Significance of proteins for the infectivity of bacteriophages treated with urea [with summary in English] I. A. Bass and others. Biokhimiia 25 no. 2 360-367 Mr-Ap '60

Use of a combination of levomycetin and bacteriophage in dysenteric infection in children [with summary in English] O. I. Shevlakova, R. Z. Sherman, S. D. Tatarinova. Antibiotiki 6 no. 3 241-243 Mr '61

BAHRIANYI, KOST'

A world of darkness and deceit ("Chains"; stories by Kost' Bahrianyi). Reviewed by A. Nykyforuk). Volov. ateist no. 5 62-63 My '61.

BAIKAL, LAKE—ICE—COMPOSITION

Chemical composition of ice on Lake Baikal. K. K. Votintsev. Dokl. AN SSSR 136 no. 5:1205-1208 F '61

BAIKAL, LAKE—MICRO-ORGANISMS

Seasonal changes in the number of bacterioplankton in the waters of Lake Baikal [with summary in English]. O. M. Kozlova, E. A. Kazantseva. Mikrobiologiia 30 no. 1:113-117 Ja-F '61.

BAIKAL, LAKE—WAVES

Continuous recording of winds and waves on Lake Baikal. A. K. Kuklin. Trudy Okean. kom. 8 170-178 '61

BAIKAL, LAKE—WINDS

Continuous recording of winds and waves on Lake Baikal. A. K. Kuklin. Trudy Okean. kom. 8 170-178 '61

BAIKAL LAKE REGION—CHEVKINITE

Chevkinite in the Lake Baikal region. B. A. Makarochkin. Geol. i geofiz. no. 12:119-120 '60.

BAIKAL LAKE REGION—EARTHQUAKE, 1959

Aftershocks of the Central Baikal earthquake, August 29, 1959. L. A. Misharina. Geol. i geofiz. no. 2:105-110 '61.

Approximate determination of the energy of aftershocks of the Central Baikal earthquake, August 29, 1959. K. V. Pshennikov. Geol. i geofiz. no. 2 117-120 '61.

Determination of the thickness of the earth's crust based on observations on waves reflected from its base and the depth of the foci of aftershocks of the Central Baikal earthquake, August 29, 1959. S. I. Golenetskii. Geol. i geofiz. no. 2:111-116 '61.

BAIKAL LAKE REGION—FOREST MANAGEMENT

Cutting practices in pine forests of the Lake Baikal basin. A. V. Pobedinskii. Les. khoz. 14 no. 6:14-16 Je '61.

BAIKAL LAKE REGION—GEOLOGY, STRATIGRAPHIC

Some geological basis for correlating sections in series of crystalline schists [with summary in English]. B. M. Ronenson. Biul. MOIP, Otd. geol. 36 no. 1:59-75 Ja-F '61.

BAIKAL LAKE REGION—GEOLOGY, STRUCTURAL

An interesting monograph on the morphostructure of the Lake Baikal region ("Mesozoic and Cenozoic depressions of the Lake Baikal region" by N. A. Florensov. Reviewed by S. S. Korzhuev, D. A. Timofeev, V. P. Chichagov). Izv. AN SSSR. Ser. geog. no. 3:129-133 My-Je '61.

BAIKAL LAKE REGION—NATURAL RESOURCES

Buianuev, B. R. [Economic problems of Baikal] K narodnokhoziaistvennym problemam Baikala. Ulan-Ude, Buriatskoe knizhnoe izdatel'stvo, 1960. 50 p.

BAIKAL LAKE REGION—SAND

Origin of Quaternary sands in the Lake Baikal region. N. A. Logachev. Izv. Sib. otd. AN SSSR Geol. i geofiz. no. 1:84-96 '58.

BAIT-CASTING see subdivision under Ob' Valley

BAKHMACH DISTRICT—CRIMINAL INVESTIGATION

In Chernigov Province. I. Mendzheritskii. Sots. zakon. 38 no. 6:68-69 Je '61.

BAKING

Amino acid participation in the reaction of melanoidin formation during the baking of bread [with summary in English]. V. L. Kretovich, A. N. Ponomareva. Biokhimiia 26 no. 2:237-243 Mr-Ap '61.

Baking of pastry by means of infrared radiation. M. M. Istomina. Trudy VKNII no. 14 87-95 '59

BAKRADZE, GEORGII ILLARIONOVICH, 1887-1960

Georgii Illarionovich Bakradze. N. Lordkipanidze, G. Giorgidze, A. Kutsiadze. Sov. bibl. no. 2:103-104 '61.

BAKU—BALLET

Hymn to a man. Dzh. Dzhafarov. Sov. muz. 25 no. 6: 136-138 Je '61.

BAKU—GAS BURNERS

Practicability of converting ring burners into flameless panel burners in the Baku petroleum refineries. A. A. Akhmed-zade. Azerb. neft. khoz. 40 no. 3 38-40 Mr '61

BAKU—HEALTH EDUCATION

Baku University of Health. M. A. Ibragimov. Sov. zdrav. 20 no. 2 56-58 '61

BAKU—HISTORY

Dating the beginning of the city of Baku. S. B. Ashurbeili. Dokl. AN Azerb. SSR 17 no. 3 253-258 '61

BAKU—HOSPITALS

Fortieth anniversary of the founding of the N. A. Semashko City Clinical Hospital [in Azerbaijani with Russian summary]. A. A. Ismailov. Azerb. med. zhur. no. 4:76-80 Ap '60.

BAKU—RESTAURANTS, LUNCHROOMS, ETC.—EMPLOYEES

We are improving work training. A. Sushon, M. Zeinalov. Sov. torg. 34 no. 5 41-42 My '61.

BALAKHNA—WOODPULP

Experimental testing of a defibrating ceramic stone with its segments secured by pins. S. I. Kolusheva. Bum. prom. 36 no. 5:26-27 My '61.

BALANCE—TESTING

Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 49-56 for checking standard balances] Instruktsiia 49-56 po poverke obraztsovykh vesov. Izd. ofitsial'noe. Moskva, 1957. 27 p.

Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 46-55 for checking torsion balances] Instruktsiia 46-55 po poverke torsionnykh vesov. Izd. ofitsial'noe. Moskva, 1957. 14 p.

Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 47-57 for checking table balances] Instruktsiia 47-57 po poverke nastol'nykh vesov. Izd. ofitsial'noe. Moskva, 1958. 11 p.

Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 57-56 for checking equal-arm balances] Instruktsiia 57-56 po poverke ravnoplechikh vesov. Izd. ofitsial'noe. Moskva, 1956. 27 p.

Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 58-54 for checking hydrostatic steelyard-type balances] Instruktsiia 58-54 po poverke gidrostaticheskikh vesov bezmennogo tipa. Izd. ofitsial'noe. Moskva, 16 p.

Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 59-57 for checking litor-size grain testers] Instruktsiia 59-57 po poverke rabochikh litrovykh purok. Izd. ofitsial'noe. Moskva, 1958. 7 p.

Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 60-54 for checking counting balances] Instruktsiia 60-54 po poverke schetnykh vesov. Izd. ofitsial'noe. Moskva, 1956. 11 p.

Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 61-54 for checking butter-testing balances] Instruktsiia 61-54 po poverke maslo probnykh vesov. Izd. ofitsial'noe. Moskva, 1957. 10 p.

Russia (1923- U.S.S.R.) Komitet standartov, mer i stroitel'nykh priborov. [Instructions 62-65 for checking balances for testing potatoes] Instruktsiia 62-54 po poverke vesov dlia prob kartofelia. Izd. ofitsial'noe. Moskva, 1957. 8 p.

Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 63-55 for checking table dial balances] Instruktsiia 63-55 po poverke nastol'nykh tsiferblatnykh vesov. Izd. ofitsial'noe. Moskva, 1957. 10 p.

Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 74-48 for checking crane beam balances] Instruktsiia 74-48 dlia poverki kranovykh rychazhnykh vesov. Izd. ofitsial'noe. Moskva, 1957. 15 p.

BALANCE (PHYSIOLOGY) see Equilibrium (Physiology)

BALANCE OF PAYMENTS

Several problems in studying the balance of payments of capitalist states S Borisov Fin SSSR 22 no. 5,77 86 My '61

BALANCING OF MACHINERY

Using balls in automatic balancing of a grinding wheel IU.S Rubakh, A I Rivkin. Stan i instr 31 no 5 27-30 My '60.

BALEY—GEOLOGICAL SURVEYS

Use of a gas-core sample survey to locate blind ore zones in the area of the Baley deposits N N Kulikova Izv vys ucheb. zav , geol i raz v. 3 no 12 76-82 D '60

BALKH—LAND TENURE

Property of the Subkhankuli-khan Medresse in Balkh; based on a 17th century waif deed. A D. Davydov. Krat. soob. Inst. vost. no. 37 82-128 '60.

BALKHASH—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Help for inexperienced propagandists. R. Konbaev. Polit. samoobr. 5 no. 6 86-88 Je '61

BALKHASH LAKE REGION—ICELAND SPAR

Occurrences of Iceland spar in limestones of the Lower Carboniferous in the Lake Balkhash region. V. I. Berger. Trudy VNIIP [MS] 3 no. 2 39-45 '60.

BALKHASH LAKE REGION—LIMESTONE

Occurrences of Iceland spar in limestones of the Lower Carboniferous in the Lake Balkhash region. V. I. Berger. Trudy VNIIP [MS] 3 no. 2 39-45 '60

BALLAST (RAILROADS)

Ballast tampers. P. M. TSigel'nyi. Put' i put. khoz. 5 no. 1 47-48 Ja '61.

Useful device. E V. Degtiarev Put' i put. khoz. 5 no. 1 11 Ja '61

BALLENY ISLANDS—DISCOVERY AND EXPLORATION

At the inaccessible archipelago L I. Eskin. Inform biul Sov. antark eksp. no 23 46-47 '60

BALLET see subdivision under Baku, Czechoslovakia, Great Britain; Tatar A. S. S. R.; Ulan-Ude

BALLET—STUDY AND TEACHING see subdivision under Leningrad

BALLISTIC INSTRUMENTS

Error in measuring the characteristics of ferromagnetic materials in relation to the current supplied by a rectifier to the ballistic apparatus. Zav. lab. 27 no. 5, 572-574 '61

BALLISTOCARDIOGRAPHY

Ballistocardiographic changes in pulmonary emphysema. IU. I. Detsik. Klin. med. 39 no. 5:111-116 My '61.

Involution of experimental cholesterol atherosclerosis in dogs [with summary in English]. A. N. Fedoseev. Biul. eksp. biol. i med. 50 no. 10:58-61 O '60.

Synchronized electro-, phono- and ballistocardiographic registration with the aid of an industrial electromagnetic oscillograph MPO-2. L. N. Goncharova, L. A. Vel'tman, IU. A. Panfilov. Ternap. arkh. 33 no. 4 87-88 '61.

BALTIC SEA—COASTS

Joint Polish-Soviet exploration of the Baltic Coast in 1958. P A Kaplin, V L. Boldyrev. Trudy Okean. kom 8 245-250 '61.

BALTIC SEA—FISHERIES—RESEARCH

"Trudy" of the All-Union Scientific Research Institute of Maritime Fisheries and Oceanography Vol. 42 Reviewed by I. I. Nikolaev. Vop. ikht. 1 no. 1:202-205 '61

BALTIC SEA REGION—GEOLOGY

Geological development of White Russia and the Baltic region in the Paleozoic era. G. Kh. Dikenshtein. Trudy VNIGNI no. 10 158-168 '58.

BALTIC STATES—ART INDUSTRIES—EXHIBITIONS

Decorative-applied art of the Soviet Baltic States. N. Voronov. Iskusstvo 24 no. 4 17-24 '61.

BALTIC STATES—MEDICINE

"History of medicine," vols. 1-2, published by the Latvian Academy of Sciences. Reviewed by N. A. Bogolavlenskii. Sov. zdrav. 20 no 4 76-77 '61.

BALTIC STATES—NAMES, GEOGRAPHICAL

Heteroclite consonant interchange of -r/-n(t) in Baltic hydronyms. R. A. Ageeva Vest. Mosk. un. Ser. 7 Filol., zhur. 16 no. 2 77-81 Mr-Ap '60.

BALTIC STATES—RELATIONS (GENERAL) WITH RUSSIA

A session devoted to historical ties of the Baltic peoples with Russia. Ist. SSSR 5 no. 2 230-231 Mr-Ap '61.

BALTUSIS, JUOZAS

An entire lifetime in a book ("Sold summers"; a novel by Juozas Baltusis. Reviewed by L. Lebedeva). Novyi mir 36 no. 5 237-240 My '60.

BANAT—COSTUME

"Costume of the Banat Bulgarians" [in Bulgarian] by M Vekova-Telbizova, K Telbizov. Reviewed by N Gagen-Torn Nar tvorch ta etn 4 no 4 133-135 O-D '60

BAND THEORY OF SOLIDS see Energy-band theory of solids

BANDS (MUSIC) see subdivision under Moscow

BANDURRIA

A bandura on the battle front. M. Romanika. Ukraina no 11 32 Je '61.

BANKING LAW

Index to judicial practice of the Supreme Court of the U. S. S. R. in the field of banking law Biul Verkh Suda no 2 45 '60

BANKS AND BANKING

(see also subdivision under Kazakhstan, Petukhovo District; Rostov Province; Vinnitsa Province)

Follow-up of our materials. Fin. SSSR 22 no. 5 72 My '61

For a fuller mobilization of hidden potentialities in construction Fin SSSR 22 no 5 3-7 My '61.

In the Board of the Directors of the State Bank of the U. S. S. R. Den. i kred. 19 no. 5 82-93 My '61.

Letter to the editor. Den. i kred. 19 no. 5 74 My '61.

BANKS AND BANKING—ACCOUNTING

(see also subdivision under Nerekhta District)

Follow-up of our material. Den. i kred. 19 no. 5 71-73 My '61.

Superfluity of bank documentation I. P. Saratov Uchet i fin. v kolkhoz i sovkhoz 18 no 5 10-11 My '61.

BANKS AND BANKING—AUDITING AND INSPECTION

Conferences and seminars. Den. i kred. 19 no. 5 94-96 My '61.

Give efficient aid to agricultural development. Den. i kred. 19 no. 5 3-9 My '61.

BANKS AND BANKING—EQUIPMENT AND SUPPLIES

Coin-counting machines. M. Kozhevnikov. Den. i kred. 19 no. 5 56-63 My '61.

BANUS, MARIA

Constancy ("Verse" by Maria Banus. Reviewed by M. Chistov). Inostr. lit. no. 5 254 My '61.

BAPTISM

Ilarion, Metropolitan of Winnipeg and All Canada. [Sacrament of baptism in the Orthodox Church; theological and historical study] Tainstvo Khreshchennia Pravoslavnoi TSerkvy; bohoslovsko-istorychna studiia. Winnipeg, Ukr. Naukove Pravoslavne Bohoslovskie Tovarystvo, 1958. 128 p.

BAPTISTS

(see also subdivision under Lvov; Zaporozh'ye)

Information of the All-Union Council of Evangelical Christians and Baptists. Brat. vest. no. 1 87 '60.

Local news. Brat. vest. no. 1 71-86 '60.

BAR ASSOCIATIONS

What should be the regulations governing the legal profession. B. Zinov'ev, G. Shafir. Sov. iust. no. 4 52-54 Ap '60.

BARAGKHAN (KURUMKAN DISTRICT)—ETHNOLOGY—EXHIBITIONS

Ethnological exhibition in the Baragkhan Village Local Lore Museum. I. E. Tugutov. Sov. etn. no. 2 175-180 Mr-Ap '60.

BARATYNSKII, EVGENII ABRAMOVICH, 1800-1844

Poetry of philosophical meditations ("E. A. Baratynskii" by N. R. Mazepa. Reviewed by T. M. Riznychenko). Rad. lit. 5 no. 3 146-149 My-Je '61.

BARBITURATES

Dependence of age-related differences in sensitivity to barbiturates on the development of the hypophysial-adrenal system [with summary in English]. I. V. Markova. Biul. eksp. biol. i med. 50 no. 10 87-91 O '60.

Effect of barbiturates on the higher nervous activity in rabbits during hypnosis [with summary in English]. G. I. TSobkallo, M. K. Kalinina. Zhur. vys. nerv. deiat. 11 no. 1 157-164 Ja-F '61.

BARENTS SEA—MARINE BIOLOGY

The "Persei" sails along its course. B. Zlukov. Znan. ta pratsia no. 5 14 My '61.

BARENTS SEA—SALMON

Acclimatization of Pacific salmons in the Barents and White Seas. A. I. Isaev. Vop. ikht. 1 no. 1 46-51 '61.

BARENTS SEA—WOLF FISH

Some observations on the blue wolf fish (Anarhichas latifrons Steenstrup et Hallgrimsson). V. V. Barsukov. Vop. ikht. 1 no. 1 10-28 '61.

BARGES see subdivision under Irtysh River

BARITE

Formation of acid-soluble barium compounds in the reduction roasting of barite A F Lozhkin, V V Pechkovskii, N L Subocheva Izv vys ucheb zav , khim i khim tekh 4 no 2 242-246 '61

BARIUM

Separation of radium from barium by exchange between a barium amalgam and the solution B P Konstantinov, B P. Kiselev, G P Skrebtsov Radiokhimiia 2 no 1 11-19 '60

Separation of radium from barium on a mercury cathode by electrolysis. B P Konstantinov, B P Kiselev, G P Skrebtsov. Radiokhimiia 2 no. 1 50-56 '60

BARIUM CHLORIDE

Electric conductivity of solutions of fused salts in the system $NaCl - CaCl_2 - BaCl_2$ M F Lantratova, O F. Moiseeva. Zhur prikl khim 33 no 10 2225-2234 O '60.

Interaction of barium chloride with cryolite melts and its effect on the process of the electrolytic refining of aluminum A I Beliaev and others TSvet met 34 no 5 43-45 My '61

BARIUM SALTS

Formation of acid-soluble barium compounds in the reduction roasting of barite A. F Lozhkin, V V Pechkovskii, N L Subocheva Izv vys ucheb zav , khim i khim tekh 4 no 2 242-246 '61.

BARIUM TITANATE—THERMAL PROPERTIES

Thermal conductivity of solid solutions of manganese niobate and $BaTiO_3$. F. F. Kodzhespirov. Fiz. tver. tela 3 no. 3 761-765 Mr '61.

BARIUM TITANYL OXALATE

Preparation and thermographic study of barium, lead and strontium titanyl oxalates. B. V. Strizhkov, A. V. Lapitskii, L. G. Vlasov. Zhur. prikl. khim. 34 no. 3 673-674 Mr '61.

BARK PEELING

Theory of the bark peeling process on bark-stripping machines. V. V. Kharitonov Izv. vys. ucheb. zav , les zhur 3 no. 1 77-82 '60.

BARLEY

Stage development of winter barley under conditions of fall planting. N. M. Fedulova. Agrobiologiia no. 3 357-361 My-Je '61.

BARNS

Arched cow barn with honeycombed reinforced-concrete roofing. V. Chugunov. Sel'. stroi. 15 no. 2 18-19 F '61.

Foundations for the arches of livestock buildings. E. Gendel'. Sel'. stroi. 15 no. 2 26-27 F '61.

Let's build three-row livestock barns. P. Matinina. Sel'. stroi. 15 no. 2 4-5 F '61.

Mechanized interfarm stock fattening yards. P. Kanishchev. Sel'. stroi. 15 no 3 7-8 Mr '61.

BARTOK, BELA, 1881-1945

Song of unity. Laszlo Shandor Mysteistvo 3 no 2 37-38 Mr-Ap '61

BASALT see subdivision under Maritime Territory

BASALT—ELECTRIC PROPERTIES see subdivision under Soviet Far East

BASE-EXCHANGING COMPOUNDS

Change in the strength of carboxylated cation exchangers in aqueous-organic media [with summary in English]. Lou Chzhi-sian' [Lou Chih-hsien], E. M. Savitskaia, B. P. Bruns. Vysokom. soed. 3 no. 2 237-243 F '61.

Swelling of cation-exchange resins in mixed solvents [with summary in English]. G. M. Panchenkov, V. I. Gorshkov. Vysokom. soed. 3 no. 2 177-183 F '61.

BASES (CHEMISTRY)

Catalytic action of solid bases. O. V. Kryiov Probl. kin. i kat. 10 273-278 '60.

BASHKIRIA—COLLECTIVE FARMS—ACCOUNTING

Eliminate shortcomings in training accounting personnel. A. M. Galanov. Uchet i fin. v kolkhoz. i sovkhoz 18 no. 5 57 My '61.

BASHKIRIA—COMMUNIST EDUCATION

"There are no study groups for the instructors of district party committees." Part. zhizn' no. 11 78 Je '61.

BASHKIRIA—CORN (MAIZE)

Cultivation practices are the key to high yields. N. Karpenko. Sel'. mekh. no. 5 14-15 '61.

BASHKIRIA—ELEPHANTS, FOSSIL

Find of Parelephas trogontherii (Pohl.) remains by the Sukhaylya River. N. N. Likhimovich. Vop. geol. vost. okr. Rus. platf. i Ural. no. 5 133-138 '60.

BASHKIRIA—FISHES, FOSSIL

Occurrences of impressions of fish in Pliocene sediments from the cis-Ural portion of Bashkiria. G. V. Vakhrushev. Vop. geol. vost. okr. Rus. platf. i Ural. no. 5 87-92 '60.

BASHKIRIA—GEOLOGY

Question of the age of high river terraces and denudation surfaces which have developed in the cis-Ural portion of Bashkiria (in the interfluve of the Sakmara and Belaya Rivers). V. L. IAkhimovich. Vop. geol. vost. okr. Rus. platf. i IUzh. Urala no 5 195-201 '60

BASHKIRIA—GEOLOGY, STRATIGRAPHIC

Follow-up on the article by V. A. Balaev "Concerning the standard section of the Bashkirian stage," published in "Geologiia i geokhimiia," no 2, 1958. G. I. Tedeorivich Biul. MOIP. Otd. geol. 36 no. 1 151-154 Ja-F '61

Question of the lower boundary of the Quaternary system; from material on the cis-Ural portion of Bashkiria. V. L. IAkhimovich. Vop. geol. vost. okr. Rus. platf. i IUzh. Urala no 5:7-13 '60.

BASHKIRIA—GEOLOGY, STRUCTURAL

History of the development of large structures on the western slope of the Southern Urals. M. A. Kamaletdinov. Dokl. AN SSSR 138 no. 2 426-428 My '61.

Lit-par-lit zonality of the velocity of seismic waves within some oil-bearing platform structures in Bashkiria [with summary in English]. F. I. Khat'ianov, A. V. Amirova, Z. S. Ivanova. Sov. geol. 4 no. 3 97-105 Mr '61.

BASHKIRIA—MOLLUSKS, FOSSIL

Mollusks of the lower terraces of rivers of the cis-Ural portion of Bashkiria. S. V. Kirilina. Vop geol vost. okr. Rus. platf. i IUzh. Urala no 5. 145-165 '60.

BASHKIRIA—NATURAL RESOURCES

Lenin wrote about this land. M. F. Grin. Nauka i zhizn' 27 no. 4. 22-27 Ap '60.

BASHKIRIA—NATURAL RESOURCES—CONGRESSES

Nauchnaia konferentsiia po okhrane prirody Bashkirii, 1st, Ufa, 1960. [State and problems of the protection of nature in Bashkiria, materials] Sostoianie i zadachi okhrany prirody v Bashkirii, materialy. Ufa Akad. nauk SSSR, Bashkirskii filial, 1960. 167 p.

BASHKIRIA—OIL FIELDS

Early history of the petroleum industry in Bashkiria. M. I. Atur'evskaia. Trudy MINKhiGP no 30 62-73 '59

BASHKIRIA—OIL SANDS—PERMEABILITY

Using the volumetric method for evaluating oil and gas reserves in reef massifs. A. V. Kopytov Razved. i okh. nedr 27 no. 4 15-18 Ap '61.

BASHKIRIA—PALEOBOTANY, STRATIGRAPHIC

New find of Neogene flora in the cis-Ural portion of Bashkiria. T. D. Kolesnikova. Vop. geol. vost. okr. Rus. platf. i IUzh. Urala no. 5. 47-57 '60.

Pliocene flora of the cis-Ural portion of Bashkiria. P. I. Dorofeev. Vop. geol. vost. okr. Rus platf. i IUzh Urala no. 5:15-31 '60.

BASHKIRIA—PALYNOLOGY

Microspores from beds in combination with bones of a wild boar (Sus scrofa L.) near the mouth of the Minueshta in western Bashkiria. A. A. Chiguriaeva Vop. geol. vost. okr. Rus. platf. i IUzh. Urala no 5:127-128 '60.

BASHKIRIA—PETROLEUM INDUSTRY

Competition continues. P. M. Davydov. Neftianik 6 no. 5:4-5 My '61.

Early history of the petroleum industry in Bashkiria. M. I. Atur'evskaia. Trudy MINKhiGP no. 30. 62-73 '59.

BASHKIRIA—ROAD CONSTRUCTION

Collective farms are building roads... Sel'. stroi. 15 no. 2:31 F '61.

BASHKIRIA—ROCKS, SEDIMENTARY

Concerning the genesis and age of some boulder and pebble sediments in the cis-Ural portion of Bashkiria. G. V. Vakhrushev. Vop. geol. vost. okr. Rus. platf. i IUzh. Urala no. 5. 187-194 '60.

BASHKIRIA—SOCIAL SCIENCES—STUDY AND TEACHING

For greater creativity in the work of the departments of social sciences. Sh. Chanbarisov. Part. zhizn' no. 11 24-29 Je '61.

BASHKIRIA—SPRING

Cold May. V. D. Il'ichev. Priroda 50 no. 5:125-126 My '61.

BASHKIRIA—STONE AGE

Paleolithic site on the Belaya River. A. P. Shokirov, O. N. Bader. Vop. geol. vost. okr. Rus. platf. i IUzh. Urala no. 5: 139-144 '60.

BASHKIROV, MATVEI VIKTOROVICH, d. 1959

Matvei Viktorovich Bashkirov. Tekst. prom. 20 no. 3:93 Mr '60.

BATHS, RUSSIAN

Construction of the simplest water-heating boiler and stone stove for a bath house. S. Penkin. Sel'. stroi. 15 no. 2 insert:1-4 F '61.

BATTERIES, SOLAR see Solar batteries

BATUM—MITES

Tetranychus mites recorded in the Batum Botanical Garden. G. F. Rekk, V. S. Khelad'e. Biul. Glav. bot. sada no. 38 82-83 '60

BATUM—SHRUBS

Rare exotic trees and shrubs of the Batum shore area. A. T. TSitsvidze, A. B. Matinian. Biul. Glav. bot. sada no. 38. 14-21 '60.

BATUM—TREES

Rare exotic trees and shrubs of the Batum shore area. A. T. TSitsvidze, A. B. Matinian. Biul Glav bot. sada no. 38 14-21 '60.

BATYSHCHEV-TARASOV, STEPAN DMITRIEVICH, 1911-1961

Stepan Dmitrievich Batyshchev-Tarasov, obituary. Vest. AN Kazakh SSR 17 no 4 91-95 Ap '61

BAUXITE

Effect of silicon activation by fast neutrons during activation logging of bauxite deposits. V. A. Belykh and others. Izv. AN SSSR. Ser. geofiz. no. 6 917-921 Je '61.

BAZHENOVO REGION—PETROLOGY

Petrography of rocks in the area of the Bazhenovo deposit of asbestos and problems relative to their metamorphism. L. A. Sokolova. Trudy IGEM no. 47 3-42 '60.

BEACH EROSION see subdivision under Kakhovka Reservoir

BEACHES

Some data on the regime of the surf swash on the sandy beach of a shore with a smooth slope. V. V. Longinov. Trudy Okean kom. 8 146-157 '61

BEACONS

Improve the beaconage on rivers. S. Grigor'ev. Rech. transp 20 no 3 31-33 Mr '61

BEANS—VARIETIES

Growing garden peas and beans in the northwestern R. S. F. S. R. [with summary in English]. V. I. Budanova. Trudy po prikl. bot., gen. i sel. 32 no. 3: 262-269 '59.

BEARING INDUSTRY see subdivision under Kuybyshev

BEARING INDUSTRY—TECHNOLOGICAL INNOVATIONS

Over-all mechanization and automation in the bearing industry. A. I. Spriishevskii, L. M. Makarov. Mekh i avtom. proizv. 15 no. 5 1-7 My '61.

BEARING METALS

Antifriction antimony cast iron. A. I. Smirnov, B. V. Chelpanov. Lit. proizv. no. 5:18-19 My '61.

Improving the process of making EI347 steel for bearings [with summary in English]. M. I. Vinograd and others. Stal' 21 no. 6:543-546 Je '61.

Rostov-on Don. Institut sel'skokhoziaistvennogo mashinostroeniia. [Studies of the Department "Technology of Metals"; electrometallized pseudoalloys are new highly antifriction materials (properties, production and use)] Trudy Kafedry "Tekhnologiia metallov"; elektrometallizatsionnye psevdosplavy-novye vysokoantifriktsionnye materialy (svoistva, poluchenie, primenenie). Rostov-na-Donu, M-vo vysshego obrazovaniia SSSR, 1958. 177 p.

BEARING METALS—TESTING

Cyclic strength of thin antifriction alloy layers. S. D. Gurevich. Trudy Inst. met. no. 4:170-174 '60.

BEARINGS (MACHINERY)

Pressing bushings. G. IUdin. Sel'. mekh. no. 5:28 '61.

Puller-tool for bearings. V. Churlanin. Sel'. mekh. no. 5: 28 '61.

Wooden bushings for harrows. I. Romanov. Sel'. mekh. no. 5:27 '61.

BEARINGS (MACHINERY)—TESTING

Determining the surface waviness of grooves in antifriction bearing rings. B. E. Bolotov. Izm tekh. no 5: 10-11 My '60

Using the method of running-out in the air and in a vacuum for determining aerodynamic resistance and friction in bearings of gyroscopic motor axles. A. G. Bessonov. Izv. vys. ucheb. zav.; prib. 3 no. 1:61-68 '60.

BEARS

(see also subdivision under United States)

Protesting in a bear way. A. Basmanov. Ogonek 39 no. 22:32 My '61.

BEAUTY CULTURE

Medical cosmetology. A. Trubitsyn. Nauka i zhizn' 27 no. 4:79 Ap '60.

BEAVERS see subdivision under Asia

BEAVERS, FOSSIL see subdivision under Caucasus

BECHER, JOHANNES ROBERT, 1891-1958

"With the weapon of the word, J. Becher's aesthetic ideas and works" by P. Birkan. Reviewed by T. Motylova. Inostr lit no 3 263-267 Mr '60

BEDS

Man and machinery. Mest. prom. i khud. promys. 2 no. 5 20-21 My '61.

BEDSTRAW see subdivision under Pskov Province

BEE CULTURE

Gusel'nikov, A. L. [Beekeeping] Pchelovodstvo. Izd. 4., ispr. i dop. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 535 p.
(DA)

BEECH

(see also subdivision under Transcarpathia)

Chemical composition of European beech wood. D. M. Vinokurov, N. I. Khomenko. Izv. vys. ucheb. zav., les. zhur. 3 no. 1 155-159 '60

Physicomechanical properties of the limb and crown wood of Carpathian beech. T. M. Shkiria. Izv. vys. ucheb. zav., les. zhur. 3 no. 1 111-115 '60.

BEECH—DISEASES AND PESTS

Effect of fungous diseases on the physicomechanical properties of oriental beech wood. G. N. Beksha. Izv. vys. ucheb. zav., les. zhur. 3 no. 1 121-126 '60

BEES

Change in the reciprocal adaptation of honey bees and red clover. N. P. Smaragdova. Nauch. dokl. vys. shkoly, biol. nauki no. 2:215-220 '61.

BEETLES see subdivision under Mediterranean region

BEETLES, FOSSIL

Cicindelidae, a new coleopteran family from amber (Insecta, Coleoptera). S. M. [Ablokov-Khnzorian. Dokl. AN SSSR 136 no. 1:209-210 Ja '61

BEETS

Drying of beets down to a moisture content of 6-7%. L. N. Bugrova. Kons. i ov. prom. 16 no. 1:17-18 My '61.

Krasochkin, V. T. [Beets] Svekla. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 438 p.
(DA)

Survey of Beta species [with summary in English]. V. T. Krasochkin. Trudy po prikl. bot., gen. i sel. 32 no. 3:3-36 '59.

BEHAVIOR see Conduct of life

BEIRUT—ORTHODOX EASTERN CHURCH, RUSSIAN

Ceremony at the residence of the Russian Orthodox Church in Beirut. V. Fetkevich. Zhur. Mosk. Patr no 1. 30 Ap '61.

BELASH, TIMOFEI IGNAT'EVICH, 1901-1961

Timofei Ignat'evich Belash. Agrobiologiia no. 3:447-448 My-Je '61.

BELEMNITES

Atypical belemnite rostra. A. G. Khalilov, A. Alizade. Izv. AN Azerb. SSR. Ser. geol. -geog. nauk no. 5. 35-42 '60.

BELGIUM—COAL MINES AND MINING

The agony of Borinage. Vadim Zagladin. Nov. vrem. 19 no. 23:23-25 Je '61.

BELGIUM—STRIKES AND LOCKOUTS

Special features and significance of the general strike in Belgium. V. Malov. Mir. ekon. i mezhdunar. otn. no. 6 123-126 Je '61.

BELGOROD—CEMENT PLANTS

Rapid construction of the new production line at a cement plant. E. F. Bozhenko. Prom. stroi. 38 no. 5:22-25 '60.

BELGOROD—CONSTRUCTION INDUSTRY

Comrade Nefed'ev writes for form only... V. Liutikov. Sov. profsoiuzy 17 no. 11:15 Je '61.

BELGOROD PROVINCE—EDUCATION, PRESCHOOL

In our province. L. V. Shakhova. Doshk. vosp. 34 no. 5: 11-12 My '61.

BELINSKII, VISSARION GRIGOR'EVICH, 1811-1848

Ardent Vissarion. V. Prozhohin. Ukraina no. 11:5-6 Je '61.

Belinskii and Lermontov. L. Ermilova. Znamia 31 no. 5: 216-224 My '61.

The great Russian revolutionary and democrat; on the 150th anniversary of V. G. Belinskii's birth. M. I. Ukr. lit. zhur 5 no. 3:142-143 My-Je '61.

The immortality of a critic. I. Vishnevskaia. Teatr 22 no. 5:84-92 My '61.

A man who struggled for a better world. M. IUrchuk. Komm. Ukr. 36 no. 6:68-75 Je '61.

BERYLLIUM COMPOUNDS

Determination of the instability constant of a beryllium complex with ethylenediaminetetraacetic acid [with summary in English]. L. P. Adamovich, I. N. Napadailo Zhur. anal. khim. 16 no. 2 158-161 Mr-Ap '61.

BERYLLIUM OXIDE—ELECTRIC PROPERTIES

Effect of mechanical stresses on secondary electron emission from beryllium oxide. A. M. Dmitriev Dokl. AN SSSR 136 no. 5 1063-1065 F '61

BESLAN—CORN (MAIZE)

Party organization control at the Beslan Corn Combine Sakh. prom. 35 no. 5 6-8 My '61

BESSARABIA—GEOLOGY, STRATIGRAPHIC

Cenomanian tripolis in Bessarabia. Z. A. Chernikova Sov. geol. 4 no. 3 106-111 Mr '61.

BESSARABIA—RELATIONS (GENERAL) WITH RUSSIA

P. P. Svin'in in Bessarabia. B. A. Trubetskoi. Uch. zap. Kish. un. 36 56-65 '59

BESSEMER PROCESS

Automation of the Bessemer process. D. I. Turkenich. Mekh. i avtom. proizv. 15 no. 5 7-8 My '61

Production of low-alloy bessemer rail steel [with summary in English]. M. A. Gershgorn and others. Stal' 21 no. 5 404-408 My '61

BETA-RAY SPECTROMETER

New beta-spectrometer allowing of threefold high-order focusing [with summary in English]. P. P. Zarubin, V. Iu. Padalko, V. R. Saulit. Vest. LGU 16 no. 10 55-63 '61

BETA RAYS

Investigating the β-radiation of Nb^{95} and Ce^{144} by absorption in the air. N. E. TSvetaeva, L. A. Rosenfel'd. Zhur. eksp. i teor. fiz. 38 no. 2:641-643 F '60.

BETA RAYS—INDUSTRIAL APPLICATIONS

Possibilities of using scattered beta radiation for analyzing minerals. E. M. Filippov, G. A. Kuznetsov. Geol. i geofiz. no. 12:131-132 '60.

BETGER, EVGENII KARLOVICH, 1887-1956

Evgenii Karlovich Betger, obituary. A. V. Pankov Izv. AN Uz. SSR no. 9 91-93 '56.

BEVEL-GEARING see Gearing, Bevel

BEYLE, MARIE HENRI, 1783-1842

Sources for Stendhal's novella "Vanina Vanini." B. G. Reizov Uch. zap. LGU no. 299:164-171 '61

Stendhal's style, the role of style in certain forms of sentence construction. N. N. Teterevnikova Uch. zap. LGU no. 299:224-232 '61

BIBENZYL

Kinetics and mechanism of oxidation of diphenylethane in the liquid phase [with summary in English]. V. L. Plikova, N. M. Emanuel'. Zhur. fiz. khim. 35 no. 4:812-820 Ap '61.

BIBLE—HISTORY OF BIBLICAL EVENTS

Lisshevskii, Stefan. [Original Old-Testament Church (from Adam to Abraham) in the light of latest excavations and investigations] Pervonachal'naia Vetkhozavetnaia TSerkov' / ot Adama do Avraama/ v svete noveishikh raskopok i issledovaniia. Baltimora, 1960. 47 p.

BIBLE—MANUSCRIPTS

Textual manuscripts of the Holy Scriptures of the New Testament. A. Ivanov. Bog. trudy no. 1:55-83 '60.

BIBLE—VERSIONS, CATHOLIC

How to live in this world; catholic epistle of the Apostel Saint James with an introduction by Metropolitan Ilarion] Kak zhyty na sviti; Soborne Poslannia Sviatoho Apostola IAkova; z pisliamovoiu Mitropolita Illariona. Winnipeg, Vyd. Ukr. Greko-Pravoslavnoi TSerkvy v Kanadi, 1957. 30 p.

BIBLIOGRAPHY

Bibliographical aids for students. M. Gol'dberg Bibliotekar' no. 5:41 My '61

Bibliography. Inform. biul. Sov. antark. eksp. no. 24 66-67 '60

[Book chronicle.] Knizh. let. nos. 20, 22-26 '61.

Brief book reviews. Novyi mir 36 no. 4:282-285 Ap '60.

Brief book reviews. Novyi mir 36 no. 5:282-285 My '60.

Brief book reviews. Novyi mir 37 no. 5:281-285 My '61.

Brief news about books. Priroda 50 no. 6:123 Je '61.

Brief notices. Sov. bibl. no. 2:116-119 '61.

Excavations at the desk; notes of a bibliographer. S. Vladimirov. Nauka i zhizn' 28 no. 4:59 Ap '61.

Helping the innovators. L. Frid. V mire knig 1 no. 5: 19 My '61.

[Information index of bibliographical lists and card files.] Inform. ukaz. bibl. spis. i kart. no. 11 Je '61

[Information index of bibliographical lists and card files.] Inform. ukaz. bibl. spis. i kart. nos. 9-10 '61.

Learn to travel on the ocean of books. E. L'vov. Lzobr. i iats. no. 5 54-56 My '61.

New books. Bibliotekar' no. 5 63-64 My '61

New books. Komm. Mold. 6 no. 5 3 of cover My '61.

New books. Kommunist 38 no. 9:127-128 Je '61.

[New books.] Nov. knigi nos. 22-23 My-Je '61.

[New books.] Nov. knigi nos. 24-26 Je '61.

New books. Novyi mir 36 no. 4:286-288 Ap '60

New books. Novyi mir 36 no. 5 286-288 My '60.

New books. Novyi mir 37 no. 5:286-288 My '61.

New books. Part. zhizn' no. 11:77 Je '61.

New books. Part. zhizn' no. 12:77 Je '61.

New books. Part. zhizn' no. 13:77 Jl '61

New books. Sots. kul't. 14 no. 5 41 My '61

[New Soviet literature on science and general research in the U. S. S. R.] Nov. sov. lit. o nauke i nauch.-issl. rab. v SSSR no. 3 '61

Publication plan for physics of the State Press of Textbooks and Pedagogical Literature from 1961 to 1965. Fiz. v shkole 20 no. 2 104-107 Mr-Ap '60

BIBLIOGRAPHY—ACCOUNTING

New books on accounting, analysis of administrative operations and accounting mechanization. Bukhg. uchet 18 no. 5 43 My '61

BIBLIOGRAPHY—AESTHETICS

The beauty of life and art. T. Trofimov. V mire knig 1 no. 1:9 Ja '61.

BIBLIOGRAPHY—AFRICA

[New Soviet and foreign literature on the countries of the non-Soviet East.] Nov. sov. i inostr. lit. po stran. zarub. Vost. no. 3 '61.

BIBLIOGRAPHY—AGRICULTURAL GEOGRAPHY

Akademiia nauk SSSR. Sektor seti spetsial'nykh bibliotek. [Bibliography of the regionalization and distribution of Soviet agriculture, 1818-1960] Bibliografiia po raionirovaniiu i razmeshcheniiu sel'skogo khoziaistva SSSR, 1818-1960. Moskva, 1961. 198 p.

BIBLIOGRAPHY—AGRICULTURAL MACHINERY

New books. Mekh. sil'. hosp. 12 no. 6:32 Je '61.

BIBLIOGRAPHY—AGRICULTURE

"Beacon lights" lit by the party. I. Chepurnov, V. Bilfakti, K. Medvedev. Komm. Ukr. 36 no. 5 88-92 My '61.

Biology, medicine, and agriculture; reviews [of foreign literature]. Nov. knigi za rub. Ser. V 5 no. 5 3-73 My '61.

Dissertations. Vest. sel'khoz. nauki 6 no. 5:130, 140, 158 My '61.

For rural workers. S. Petrov. V mire knig 1 no. 1: 1-2 Ap '61

In the storehouse of the people's skill. I. Ivanov. V mire knig 1 no. 5:17 My '61.

Inexhaustible theme. V. Elagin. V mire knig 1 no. 4: 11-12 Ap '61

[Information bulletin of new foreign books, received by the Lenin Library. Series 2: Biological, medical, and agricultural sciences.] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 2: Biol., med. i sel'skokhoz. nauki nos. 14-17 '61.

Innovators, technology, and crops. V mire knig 1 no. 3:16-18 Mr '61.

Knowledge and experience guarantee success. V. Megalov. V mire knig 1 no. 4 23-24 Ap '61.

List of books on agriculture received by the Central Scientific Agricultural Library (TsNSKhB) during March 1961. Nov. knigi za rub. Ser. V 5 no. 5:86-87 My '61.

List of books on biology, medicine, and agriculture received by the State Public Library of Science and Technology during March 1961. Nov. knigi za rub. Ser. V 5 no. 5:88-93 My '61.

New developments in the life of the collective-farm village. V. Grigor'ian. V mire knig 1 no. 2:4-5 F '61.

Thoughts on the plans of the State Publishing House of Agricultural Literature. E. Ostikovskaia. V mire knig 1 no. 2:22 F '61.

Works of research institutions. Vest. sel'khoz. nauki 6 no. 5:14, 28, 43, 54, 66 My '61.

BIBLIOGRAPHY—AGRICULTURE—ACCOUNTING

New books. Uchet i fin. v kolkhoz. i sovkhoz. 10 no. 5: 59 My '61.

BIBLIOGRAPHY—AGRICULTURE—ECONOMIC ASPECTS

Akademiia nauk SSSR. Sektor seti spetsial'nykh bibliotek. [Bibliography of the regionalization and distribution of Soviet agriculture, 1818-1960] Bibliografiia po raionirovaniiu i razmeshcheniiu sel'skogo khoziaistva SSSR, 1818-1960. Moskva, 1961. 198 p.

New books. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 5: 59 My '61.

Studies published and prepared by the institute. Dokl. i soob. VNIESKH no. 3:184-187 '60.

BIBLIOGRAPHY—ANATOMY

Book shelf. B. A. Nikitiuk. Arkh. anat. gist. i embr. 40 no. 1 103 Mr '61

Bookshelf. I. Pingen. Arkh. anat. gist. i embr. 38 no. 4 115-116 Ap '60.

BIBLIOGRAPHY—ANTARCTIC REGIONS

Bibliography. Inform. biul. Sov. antark. eksp. no. 22 66-68 '60

Bibliography. Inform. biul. Sov. antark. eksp. no. 23 55-58 '60

Bibliography. Inform. biul. Sov. antark. eksp. no. 25 64-66 '61

BIBLIOGRAPHY—ARCHITECTURE

State Construction Printing Office has on sale the following material. Opyt stroi. no. 32 94-96 '60

BIBLIOGRAPHY—ART

[Literature and art of the peoples of the U. S. S. R. and foreign countries.] Lit. i isk. nar. SSSR i zarub. stran nos. 2-3 '61. 273 p.

The Soviet Artist Publishing House. N. Shashkova. Nar. obr. no. 5 116-117 My '61

BIBLIOGRAPHY—ASIA

[New Soviet and foreign literature on the countries of the non-Soviet East.] Nov. sov. i inostr. lit. po stran. zarub. Vost. no. 3 '61

BIBLIOGRAPHY—ASTRONOMY

New books and articles pertaining to physics, engineering and astronomy. Fiz. v shkole 20 no. 2 101-103 Mr-Ap '60.

BIBLIOGRAPHY—ATHEISM

Atheistic studies are a highly important part of ideological work. V. Kolokov. Komm. Ukr. 36 no. 6:89-92 Je '61.

To illustrate talks on atheism. M. Petriv. Volov. ateist no. 5 63-64 My '61.

BIBLIOGRAPHY—ATOMIC ENERGY

New literature. Atom. energ. 10 no. 5:553-560 My '61.

BIBLIOGRAPHY—AUTOMATION

Books on mechanization and automation published abroad. V. V. Danilevskii. Mekh. i avtom. proizv. 15 no. 5:58-60 My '61

From periodicals, April 1961. Mekh. i avtom. proizv. 15 no. 5:63-64 My '61

New books. Mekh. i avtom. proizv. 15 no. 5:61-62 My '61

Publications of the Central Bureau of Technical Information of the State Committee of the Council of Ministers of the U. S. S. R. on Automation in Machinery Manufacture. Metalloved. i term. obr. met. no. 5:59-61 My '61

BIBLIOGRAPHY—BELINSKII, VISSARION GRIGOR'EVICH, 1811-1848

For memorable dates. T. Perfil'eva. Sov. knizh. torg. 13 no. 5:40-41 My '61.

Living legacy. R. Krendel'. Bibliotekar' no. 5:25-27 My '61.

BIBLIOGRAPHY—BIOLOGY

Biology, medicine, and agriculture; reviews [of foreign literature]. Nov. knigi za rub. Ser. V 5 no. 5:3-73 My '61.

[Information bulletin of new foreign books, received by the Lenin Library. Series 2: Biological, medical, and agricultural sciences.] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 2: Biol., med. i sel'skokhoz. nauki nos. 14-17 '61.

List of books on biology, medicine, and agriculture received by the State Public Library of Science and Technology during March 1961. Nov. knigi za rub. Ser. V 5 no. 5:88-93 My '61.

Publishing House of the Academy of Sciences of the U. S. S. R. Nauch. dokl. vys. shkoly; biol. nauki no. 2: 243 '61.

BIBLIOGRAPHY—BOARDING SCHOOLS

Bibliography on boarding schools. Det. dom 16 no. 4: 71-76 '60.

BIBLIOGRAPHY—BOOKSELLERS AND BOOKSELLING

Books for bookmen. Sov. knizh. torg. 13 no. 4:43-44 Ap '61

Books for booksellers. Sov. knizh. torg. 13 no. 5:43 My '61.

BIBLIOGRAPHY—CARTOGRAPHY

Bibliography. Geod. i kart. no. 4 78-80 Ap '61.

BIBLIOGRAPHY—CEMENT INDUSTRIES

Bibliography. TSement 27 no. 2:3 of cover Mr-Ap '61.

BIBLIOGRAPHY—CHEMICAL ENGINEERING—EQUIPMENT AND SUPPLIES

Bibliography. Khim. mash. no. 3:47-48 My-Je '60.

Bibliography. Khim. mash. no. 3:48 My-Je '61.

BIBLIOGRAPHY—CHEMISTRY

[Chemistry; classified index of articles in foreign periodicals.] Khim ; sist.uk.st.v inostr zhur. nos 4-5 '60, nos.4-5 '61

BIBLIOGRAPHY—CHILDREN—DISEASES

List of articles published in "Meditsinskaia Sestra" from 1942-1959. A.V. Ikonnikova, K.V.Serzhantova. Med.sestra 20 no.3:60-63 Mr '61.

BIBLIOGRAPHY—CHILDREN'S LITERATURE

Books for children. V mire knig 1 no.3.34-35 Mr '61.

Books for children. V mire knig 1 no.5 36-37 My '61.

For the most curious. Sergei Baruzdin. V mire knig 1 no.1 37-38 Ja '61.

BIBLIOGRAPHY—CHORAL SOCIETIES

The M.E. Piatnitskii Russian Folk Choir. Kal.znam.i pam.dat 6 no.3.4-6 Mr '61.

BIBLIOGRAPHY—CLASSICAL PHILOLOGY

Annotations on ancient history, archaeology, and classical philology in foreign periodicals. Vest drev ist no 1.192-203 '61

BIBLIOGRAPHY—CLOCKMAKING AND WATCH-MAKING

New books. Prib.otrasl.proizv. no.5:1 of cover My '61.

BIBLIOGRAPHY—COAL MINES AND MINING

From pages of periodicals; March 1961. Ugol.Ukr. 5 no.5:45-46 My '61.

New books. Ugol' 36 no.5:64 My '61.

New books published during the fourth quarter of 1960. Ugol' 36 no.3 63-64 Mr '61

New publications. Ugol' 36 no.4 63-64 Ap '61.

BIBLIOGRAPHY—COMMUNISM

Congress of the builders of communism. I. Magnitskaia, S. Meiler, A. Shtutina Bibliotekar' no 5 9-12 My '61.

BIBLIOGRAPHY—COMMUNIST PARTIES

They say "no" to exploitation, poverty, and war A. Samsin. V mire knig 1 no.4.7-8 Ap '61.

BIBLIOGRAPHY—COMMUNIST PARTY OF THE SOVIET UNION

Along Lenin's road. Evg. Bova V mire knig 1 no 4. 4-6 Ap '61.

Brief reviews of new books. Polit.samoobr. 5 no.5:134-136 My '61.

The mind, honor, and conscience of our time. I. Blabtsev. V mire knig 1 no.3:2-3 Mr '61.

BIBLIOGRAPHY—COMMUNIST PARTY OF THE SOVIET UNION—CONGRESSES

Tenth Congress of the Russian Communist Party. Kal. znam.i pam.dat 6 no.3:11-15 Mr '61.

Twentieth Congress of the Communist Party of the Soviet Union. Kal.znam.i pam.dat 6 no.2:15-19 F '61.

BIBLIOGRAPHY—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

New publications on the theory and practice of party propaganda. Polit.samoobr. 5 no.6:96-97 Je '61.

BIBLIOGRAPHY—CONCRETE

Literature on plain and reinforced concrete. Bet.i zhel.-bet. no.5:244a-b My '60.

BIBLIOGRAPHY—CONSTRUCTION INDUSTRY

Books published by the State Construction Publishing House in January, 1961. Mont.i spets.rab.v stroi. 23 no.4:32 Ap '61.

From the pages of foreign magazines. Mekh.stroi. 18 no.3:33 Mr '61.

From the pages of Soviet magazines (January, 1961). Mekh.stroi. 18 no.3:31-32 Mr '61.

In the Central Institute of Scientific Information on Construction and Architecture. Biul.stroi.tekh. 18 no.5.43 My '61.

New books. Arkhit.SSSR no 4.58 '61

New books. Ekon.stroi. no.4:52 Ap '61.

New books. Zhil.-kom.khoz. 11 no.2:30 F '61.

New books of the State Construction Printing House. Bet.i zhel.-bet. no.3:4 of cover Mr '61

New books put out by the State Construction Publishing House. Biul.stroi.tekh. 18 no 5:47-48 My '61.

State Construction Printing Office has on sale the following material. Opyt stroi. no.32:94-96 '60.

BIBLIOGRAPHY—CONSTRUCTION INDUSTRY—STANDARDS

Book shelf. Biul.stroi tekh 18 no.5:46 My '61.

BIBLIOGRAPHY—CORN (MAIZE)

Moscow. TSentral'naia nauchnaia sel'skokhoziaistvennaia biblioteka. [Corn; bibliography of Soviet literature published from 1704 to 1959.] Kukuruza; bibliograficheskii ukazatel' otechestvennoi literatury za 1704-1959 gg. Moskva, Izd-vo M-va sel'.khoz.SSSR, 1961, 302 p.

BIBLIOGRAPHY—CZECHOSLOVAKIA

[New literature on European people's democracies and Slavic studies: Czechoslovakia.] Nov.lit.po evrop. stran.nar.dem i slav. Chekh. no.3 '61

BIBLIOGRAPHY—DERMATOLOGY

Annotated list of dissertations on dermatological and associated problems presented during 1959. T.V. Vasil'ev Vest dermat.i ven 35 no 4:69-76 Ap '61

BIBLIOGRAPHY—DOBROLIUBOV, NIKOLAI ALEKSANDROVICH, 1836-1861

N.A.Dobroliubov. Kal.znam.i pam.dat 6 no.2:8-11 F '61.

BIBLIOGRAPHY—DRAINAGE

From foreign journals on hydraulic engineering and reclamation of land. Gidr.i mel. 13 no.5:63 My '61.

BIBLIOGRAPHY—DRAMA

List of new publications. Inostr lit no.3 270-271 Mr '60

BIBLIOGRAPHY—ECONOMICS

Economics literature issued by the Higher Party School and the Academy of Social Sciences Publishing House attached to the Central Committee of the CPSU in 1961. N.Voronina, A.Kokushko Vop ekon. no.5.114-115 My '61.

[New books abroad on social sciences; economics, philosophy, history, international relations.] Nov.knigi za rub.po obshchestv.naukam, ekon.,filos.,ist.,mezhdunar otn. 4 no 5 My '61.

[New foreign economic literature.] Nov.inostr.ekon.lit. no.3 '61.

[New Soviet economic literature.] Nov.sov.ekon.lit. nos.12-13 '61.

New textbooks on political economy. Vop ekon no 5 113-114 My '61.

BIBLIOGRAPHY—EDUCATION

Bookshelf. Nar.obr. no.5:114,117 My '61.

From the pages of the foreign press. IA. Ginevskii Sov pedag. 25 no 1:145-150 Ap '61

New books of the Publishing House of the Academy of Pedagogical Sciences of the R.S.F.S.R. Sov pedag 25 no.4 142-145 Ap '61

BIBLIOGRAPHY—EFFICIENCY, INDUSTRIAL

Books from the Trade Unions' Publishing House. I.Smirnov. V mire knig 1 no.5.20-21 My '61.

BIBLIOGRAPHY—EGYPTOLOGY

Brief annotations of recently published books and articles in the field of Egyptology. N.D. Semper. Vest drev ist no. 1:183-192 '61.

BIBLIOGRAPHY—ELECTIONS

What to read on elections to local soviets of RSFSR workers. Kal.znam.i pam.dat 6 no.2:47-48 F '61.

BIBLIOGRAPHY—ELECTRIC ENGINEERING

Dissertation for the degree of candidate of technical sciences. Izv.vys.ucheb.zav.; radiotekh 4 no.2:229-231 Mr-Ap '61.

BIBLIOGRAPHY—ELECTRONICS

[Annotated bibliography on electronics.] Annot.ukaz.lit. po radioelek. 17 no.9 '61.

BIBLIOGRAPHY—ENGINEERING

New books and articles pertaining to physics, engineering and astronomy Fiz.v shkole 20 no.2:101-103 Mr-Ap '60.

BIBLIOGRAPHY—EROSION

Soil erosion and its control. Pochvovedenie no.5:126-127 My '61.

BIBLIOGRAPHY—FARM MECHANIZATION

Let's provide collective farms with the means of overall mechanization. O.Serichina. Sots.kul't. 14 no.5.42-43 My '61.

New books. Mekh.sil'.hosp. 12 no.5:3 of cover My '61.

BIBLIOGRAPHY—FERTILIZERS AND MANURES

Soil fertility, fertilizers, and tillage. Pochvovedenie no.5:124-125 My '61.

BIBLIOGRAPHY—FIRE PREVENTION

New books. Pozh.delo 7 no.5.32 My '61.

BIBLIOGRAPHY—FOLKLORE, UKRAINIAN

Bibliographical index of folklore studies, from 1945 to 1958 (continuation). M. Marchenko, P. Pavlii Nar. tvorch. ta etn. 4 no.4:135-142 O-D '60.

Bibliographical index of folklore studies, 1945-1958 (conclusion). M.Marchenko, P.Pavlii. Nar.tvorch. ta etn. 5 no.1:137-146 Ja-F '61.

BIBLIOGRAPHY—FOREST SOILS

Forest soil science. Pochvovedenie no.5:127-128 My '61.

BIBLIOGRAPHY—FORESTS AND FORESTRY

Recent publications. Biul.nauch.-tekh.inform. UkrNIILKhA no.5:133-134 '58.

BIBLIOGRAPHY—FORGING

New books. Kuz.shtam proizv. 3 no.5:3 of cover My '61

BIBLIOGRAPHY—FOUNDATIONS

Works on soil mechanics and foundation construction which appeared in 1959 and 1960 Osn., fund, i mekh. grun 3 no 2 31-32 '61

BIBLIOGRAPHY—GAS INDUSTRY

New books. Stroi.truboprov. 6 no.2:12 F '61.

BIBLIOGRAPHY—GEOGRAPHY

Bookshelf. Geog.v shkole 24 no.3:94-95 My-Je '61.

New books on geography. Geog.v shkole 24 no.3.96 My-Je '61.

BIBLIOGRAPHY—GEOLOGY

Bibliography. Trudy SNIIGGIMS no.11 171-177 '60.

Bibliography of basic scientific works on geology by staff members of the Mining-Geological Institute of the Ural Branch of the Academy of Sciences of the U.S.S.R for 1030-1956 A.A. Blialozor Trudy Gor.-geol.inst UFAN SSSR no. 32:365-374 '59

Geological literature received by the library of the Department of Geological and Geographical Sciences of the Academy of Sciences of the U.S.S.R. in February, 1961. Izv.AN SSSR,Ser.geol 26 no.5 165-116 My '61.

Literature on geology published in 1056 (to be continued). Geol.zhur. 20 no.1:101-103 '60.

Literature on geology received by the library of the Department of Geological and Geographical Sciences of the Academy of Sciences of the U.S.S.R. during January 1961. Izv.AN SSSR,Ser.geol. 26 no.4:103-109 Ap '61

BIBLIOGRAPHY—GEORGIA

Georgian Soviet Socialist Republic. Kal.znam.i pam. dat 6 no.2:32-37 F '61.

BIBLIOGRAPHY—GEORGIAN LITERATURE

New books by Georgian authors. I. Abashidze. V mire knig 1 no.3:24-25 Mr '61.

BIBLIOGRAPHY—GERMAN LITERATURE

"Guide to Soviet literature" [in German] by G. Schwarz. Reviewed by N.A. Lavrova. Sov.bibl. no.2:115-116 '61.

Literature of the German Democratic Republic. R.Samarin. V mire knig 1 no.3:31-32 Mr '61.

BIBLIOGRAPHY—GOR'KII, MAKSIM, 1868-1936

For memorable dates. T. Porfil'eva. Sov.knizh.torg. 13 no.5:40-41 My '61.

BIBLIOGRAPHY—GREECE—HISTORY

Akademiia nauk SSSR, Institut istorii. [Ancient Greece and ancient Rome; a bibliographical index of Russian publications from 1895 to 1959.] Drevniaia Gretsiia i drevnii Rim; bibliograficheskii ukazatel' izdanii, vyshedshikh v SSSR, 1895-1959 gg. Sost. A.I. Vorenkov. Moskva, 1961. 522 p.

BIBLIOGRAPHY—GROWTH PROMOTING SUBSTANCES

Stimulation of plants. V. Konakii. V mire knig 1 no.5: 12 My '61.

BIBLIOGRAPHY—HEALTH EDUCATION

Index of literature on health education. M.P. Levanova. Sov.zdrav 20 no.2 91-92 '61

BIBLIOGRAPHY—HISTOLOGY

Bookshelf. B.A.Nikiliuk. Arkh.anat.gist.i embr. 40 no 2:108-110 F '61.

BIBLIOGRAPHY—HISTORY

Bookshelf Prep ist.v shkole 16 no.3 111-117 My-Je '61.

[New books abroad on social sciences; economics, philosophy, history, international relations.] Nov.knigi za rub.po obshchestv.naukam; ekon.,filos.,ist.,mezhdunar. otn. 4 no.5 My '61.

BIBLIOGRAPHY—HISTORY, ANCIENT

Annotations on ancient history, archaeology, and classical philology in foreign periodicals Vest. drev. ist. no. 1:192-203 '61.

BIBLIOGRAPHY—HISTORY, MODERN

Annotations. Nov i noveish.ist. no.3:155-158 '61.

Brief notes about new books. Nov i noveish.ist. no.3. 140-154 '61.

BIBLIOGRAPHY—HUNGARY

[New literature on European people's democracies: Hungary.] Nov.lit.po evrop.stran.nar.dem.: Veng. no.3 '61.

BIBLIOGRAPHY—HYDRAULIC ENGINEERING

New Books of the State Construction Printing House. Printed in 1960. Gidr.stroi. 31 no.4:63-64 Ap '61.

BIBLIOGRAPHY—HYDROLOGY

Literature on meteorology, hydrology, and oceanography published in 1960 (continuation) Meteor i gidrol no 6,57-61 Je '61

BIBLIOGRAPHY—INDUSTRIAL MANAGEMENT

Each worker should know the methods of industrial management V Fedinin, V Kosachev Part zhizn' no 13:75-77 Jl '61

BIBLIOGRAPHY—INDUSTRIAL SAFETY

New books. Bezop. truda v prom. 4 no. 5:34 My '60.

New books. Bezop. truda v prom 5 no. 5:36-37 My '61.

BIBLIOGRAPHY—INLAND NAVIGATION

New books. Rech. transp. 20 no. 5:64 My '61.

BIBLIOGRAPHY—INTERNATIONAL RELATIONS

[New books abroad on social sciences; economics, philosophy, history, international relations.] Nov. knigi za rub po obshchestv naukam, ekon ,filos.,ist.,mezhdunar otn 4 no. 5 My '61.

BIBLIOGRAPHY—IRRIGATION

From foreign journals on hydraulic engineering and reclamation of land. Gidr. i mel. 13 no. 5:63 My '61.

BIBLIOGRAPHY—KIRGHIZ LITERATURE

Achievements, plans, and dreams. Toktobolot Abdumomunov. V mire knig 1 no 4 32 Ap '61

BIBLIOGRAPHY—KOBYLIANS'KA, OL'HA, 1863-1942

A research guide ("Ol'ha Kobylians'ka", a bibliographic handbood Reviewed by O K Babyshkin) Rad lit 5 no 2 144-145 Mr-Ap '61.

BIBLIOGRAPHY—KOMI A S S R.

Syktyvkar. Respublikanskaia biblioteka. [Literature on the Komi A. S. S. R. published during 1956] Literatura o Komi ASSR za 1956 god. Syktyvkar, Komi knizhnoe izd-vo, 1958. 137 p.

BIBLIOGRAPHY—KRZHEVSKII, BORIS APOLLONOVICH

List of B A krzhevskii's works. Uch zap. LGU no 299, 5-7 '61

BIBLIOGRAPHY—KUN, BELA, 1886-1939

Bela Kun. Kal. znam. i pam. dat 6 no. 2:23-26 F '61.

BIBLIOGRAPHY—LABOR AND LABORING CLASSES

Beacons in our life. IU. Kulyshev. V mire knig 1 no. 5.4 My '61.

The beating of our pulse. N. Filippov. V mire knig 1 no. 1:6-7 Ja '61.

Joy of creative work. I. Molchanov. V mire knig 1 no. 2 19-20 F '61.

Stories of experienced people. Gennadii Fish V mire knig 1 no 4:20 Ap '61

Those going ahead. Sergei Borzenko. V mire knig 1 no. 5:2-4 My '61.

BIBLIOGRAPHY—LEATHER INDUSTRY

New books. Kozh.-obuv.prom. 3 no. 4:39-40 Ap '61.

BIBLIOGRAPHY—LENIN, VLADEMIR IL'ICH, 1870-1924

Books about Lenin for children. Iosif Dik. V mire knig 1 no. 4:30 Ap '61

Lenin in poetry V mire knig 1 no. 4:28-29 Ap '61.

Living figure. I. Klabunovskii. V mire knig 1 no 4 26-27 Ap '61.

New books. A. Shcherbakov. Sov. voln. 41 no. 6:16 Mr '60.

BIBLIOGRAPHY—LESKOV, NIKOLAI SEMENOVICH, 1831-1895

N.S. Leskov. Kal. znam. i pam. dat 6 no. 2:20-22 F '61.

BLIOGRAPHY—LIGHTING

Optics and lighting engineering. Tekh. kino i telev. 5 no. 5:84-86 My '61.

IBLIOGRAPHY—LITERATURE

Brief notes on new books. Inostr lit no 3 264-269 Mr '60.

[Information bulletin of new foreign books, received by the Lenin Library. Series 3: Social Sciences, belles-letires, art.] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len Ser. 3: Obshchestv. nauki, khud. lit., isk. nos. 15-17 '61.

List of new publications. Inostr. lit. no. 4 262 Ap '61.

List of new publications. Inostr. lit. no. 5:257 My '61.

[Literature and art of the peoples of the U.S.S.R. and foreign countries.] Lit. i isk. nar. SSSR i zarub. stran nos. 2-3 '61. 273 p.

BIBLIOGRAPHY—LITERATURE—HISTORY AND CRITICISM

[New foreign literature on the study of literature.] Nov. inostr. lit. po lit. no. 3 '61.

[New Soviet literature on the study of literature.] Nov. sov. lit. po lit. no. 3 '61.

BIBLIOGRAPHY—LUXEMBURG, ROSA, 1870-1919

Rosa Luxemburg. Kal. znam. i pam. dat 6 no. 3:7-10 Mr '61.

BIBLIOGRAPHY—MACHINERY

Machines of the seven-year plan. V mire knig 1 no. 2-11-12 F '61.

BIBLIOGRAPHY—MACHINERY INDUSTRY

Publications of the Central Bureau of Technical Information of the State Committee of the Council of Ministers of the U. S. S. R. on Automation in Machinery Manufacture. Metalloved. i term. obr. met no 5 59-61 My '61

BIBLIOGRAPHY—MATHEMATICS

New books on mathematics Usp. mat. nauk 16 no 3 265-266 Mr-Ap '61.

BIBLIOGRAPHY—MEASURING INSTRUMENTS

From periodicals. Izm. tekh. no. 5:63 My '61.

From periodicals. Izm. tekh. no. 6:63 Je '61.

BIBLIOGRAPHY—MECHANICAL ENGINEERING

Authors' abstracts of dissertations. Vest. mash. 41 no. 5:89-90 My '61.

Books, periodicals. Stan. i instr. 32 no. 5:41-44 My '61.

Books and periodicals. Stan i instr 31 no 5, 43-44 My '60

New books. Vest. mash. 41 no. 5:90-92 My '61.

New books published by the State Publishing House of Literature on Machinery. Mashinostroitel' no. 5:48 My '60.

Review of foreign periodicals. Vest. mash. 41 no. 5:92-94 My '61

BIBLIOGRAPHY—MEDICINE

Biology, medicine, and agriculture; reviews [of foreign literature]. Nov. knigi za rub. Ser. V 5 no. 5:3-73 My '61.

Bookshelf. B. A. Nikitiuk. Arkh. anat. gist. i embr. 39 no. 7 113-115 Jl '60.

In foreign publishing houses. Nov. knigi za rub. Ser. V 5 no. 5:74-81 My '61.

Index of articles published in "Meditsinskaia Sestra" in 1942-1959. Med. sestra 20 no. 4:62-64 Ap '61.

[Information bulletin of new foreign books, received by the Lenin Library Series 2: Biological, medical, and agricultural sciences.] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 2: Biol., med. i sel'skokhoz. nauki nos. 14-17 '61.

List of books on biology, medicine, and agriculture received by the State Public Library of Science and Technology during March 1961. Nov. knigi za rub. Ser. V 5 no. 5:88-93 My '61.

List of books on medicine received by the State Central Medical Library during March 1961. Nov. knigi za rub. Ser. V 5 no. 5:82-85 My '61.

New books. Sov zdrav 20 no 4 3 of cover '61.

New books Sov. zdrav 20 no 5 86 '61.

New books. Zdrav. Ros. Federa. 5 no. 5-3-4 of cover My '61.

State Publishing House for Medical Literature intends to issue the following publications in 1960. Fel'd. i akush. 25 no. 4.62-64 Ap '60.

BIBLIOGRAPHY—MERCHANT MARINE

Reference section. Mor. flot 21 no. 5:46 My '61.

BIBLIOGRAPHY—METALS

From the pages of newspapers. Metallurg 6 no. 3:39 Mr '61.

New books. A. M. Lekhtik. Metallurg 6 no. 6:40 Je '61.

New books. Metalloved. i term. obr. met. no. 5:45 My '61.

BIBLIOGRAPHY—METEOROLOGY

Literature on meteorology, hydrology, and oceanography published in 1960 (continuation). Meteor i gidrol no. 6:57-61 Je '61

BIBLIOGRAPHY—MILITARY ART AND SCIENCE

Studies on the history of wars and military art. Voen.-ist zhur. 3 no. 6:124-126 Je '61

BIBLIOGRAPHY—MINERAL INDUSTRIES

Books and articles on mining. Gor. zhur. no. 3, 79-80 Mr '60

BIBLIOGRAPHY—MINERALOGY

Akademiia nauk SSSR. Biblioteka. [Index of articles to the second series of the "Zapiski" of the All-Union Mineralogical Society, issued from 1912 to 1957] Ukazatel' statei ko vtoroi serii "Zapisok Vsesoiuznogo mineralogicheskogo obshchestva," izdannykh s 1912 po 1957 god. Sost. L. G. Gerts. Pod red. S. P. Solov'eva. Leningrad, 1960. 139 p.

BIBLIOGRAPHY—MINERALS IN SOIL

Soil mineralogy. Pochvovedenie no. 5:110 My '61.

BIBLIOGRAPHY—MINES AND MINERAL RESOURCES

Systematic index of articles published in the "Zapiski" of the Leningrad Mining Institute, vols. 1 through 37 (1907-1958). M. I. Kumurdzhi. Zap. LGI 40:127-163 '60.

BIBLIOGRAPHY—MOTION-PICTURE PHOTOGRAPHY

Motion-picture photography and projection. Tekh. kino i telev. 5 no. 5:83-84 My '61.

BIBLIOGRAPHY—MOTION-PICTURE PHOTOGRAPHY—FILMS

Motion-picture film and its processing. Tekh. i kino telev. 5 no. 5 88-89 My '61.

BIBLIOGRAPHY—MOTION-PICTURE PROJECTION

Motion-picture photography and projection. Tekh. kino i telev. 5 no. 5:83-84 My '61.

BIBLIOGRAPHY—MUSIC

World of lofty feelings. T. Khrennikov. V mire knig 1 no. 1:10 Ja '61.

BIBLIOGRAPHY—NATURAL RESOURCES

Let us preserve our natural resources. D. I. Shcherbakov V mire knig 1 no. 1,14-15 Ap '61

Treasure of the forest. M Lavrov V mire knig 1 no 1:16 Ap '61

BIBLIOGRAPHY—NONFERROUS METALS

New technical publications TSvet met. 34 no 5 81-84 My '61

BIBLIOGRAPHY—NUCLEAR PHYSICS

New literature. Atom. energ. 10 no. 5:553-560 My '61.

BIBLIOGRAPHY—OIL RESERVOIR ENGINEERING

Dissertations on petroleum production defended at the Petroleum Institute of the Academy of Sciences of the U.S.S.R. from 1951 to 1958. Trudy Inst. geol. i razrab. gor. iskop. 2:200-201 '60.

BIBLIOGRAPHY—OPTICS

Optics and lighting engineering. Tekh. kino i telev. 5 no. 5:84-86 My '61.

BIBLIOGRAPHY—OTOLARYNGOLOGY

Bibliography of Russian literature (articles on otorinolaryngology published in general medical periodicals, 1955-1958). Vest. otorin. 22 no. 1 100-103 Ja-F '60.

BIBLIOGRAPHY—PAPER INDUSTRY

New books. Bum. prom. 36 no. 5 insert My '61.

BIBLIOGRAPHY—PARIS—COMMUNE, 1871

Day of the Paris Commune. Kal. znam. i pam. dat 6 no. 3:36-40 Mr '61.

BIBLIOGRAPHY—PAVLOV, IVAN PETROVICH, 1849-1936

I. P. Pavlov. Kal. znam. i pam. dat 6 no. 2:42-46 F '61.

BIBLIOGRAPHY—PEACE

Law of the defense of peace. Kal. znam. i pam. dat 6 no. 3:28-35 Mr '61.

BIBLIOGRAPHY—PERIODICALS

Moscow. Publichnaia biblioteka. [Foreign periodicals; a classed list of publications of the period 1954-1960 received by the Moscow Public Library] Inostrannaia periodika, sistematicheskii spisok izdanii 1954-1960 gg., poluchennykh bibliotekoi imeni V. I. Lenina. Moskva. No. 5 (dopolnitel'nyi). 1961. 431 p.

BIBLIOGRAPHY—PHILOSOPHY

[New books abroad on social sciences; economics, philosophy, history, international relations.] Nov. knigi za rub. po obshchestv. naukam; ekon. ,filos. ,ist. ,mezhdunar. otn. 4 no. 5 My '61.

Philosophical problems discussed in the 1960 serials of universities and institutes. Vop. filos. 15 no 5: 178-183 '61

BIBLIOGRAPHY—PHOTOGRAPHY

"Information Bulletin of the Scientific Research Institute of Motion Pictures and Photography" no. 1 and no. 2. Reviewed by P. IA. Raizor. Zhur. nauch. i prikl. fot. i kin. 6 no. 3:238-239 My '61.

BIBLIOGRAPHY—PHYSICAL EDUCATION AND TRAINING

Literature on physical culture and sports in foreign countries. Teor i prak. fiz kul't. 24 no. 3:227-228 '61

Literature on physical education and sports in foreign countries. Teor. i prak. fiz. kul' 24 no 2:155-156 '61

Literature on physical training and sports abroad. Teor. i prak. fiz. kul'. 24 no. 5:371-372 '61.

Literature on physical training and sports in foreign countries. Teor. i prak. fiz kul'. 24 no 1:75-76 '61.

New books. Teor. i prak. fiz. kul'. 24 no. 1:74-75 '61.

New books. Teor. i prak. fiz. kul'. 24 no. 4:317-318 '61.

BIBLIOGRAPHY—PHYSICAL EDUCATION FOR CHILDREN

New literature on the physical education of preschool children. L. G. Doshk. vykh. 22 no. 6:42-43 Je '61.

BIBLIOGRAPHY—PHYSICAL METALLURGY

Academic dissertations presented to the A. A. Baikov's Institute of Metallurgy of the Academy of Sciences of the U. S. S. R. in 1956. Trudy Inst. met. no. 4:263 '60.

BIBLIOGRAPHY—PHYSICS

New books and articles pertaining to physics, engineering and astronomy. Fiz. v shkole 20 no. 2 101-104 Mr-Ap '60

New books. Inzh.-fiz. zhur. 4 no. 5 111-113 My '61

BIBLIOGRAPHY—PLASTICS

Books on plastics received by the Central Library of Science and Technology of the State Committee on Chemistry. Plast. massy no. 6 78 '61.

BIBLIOGRAPHY—POLAND

[New literature on European people's democracies and Slavic studies: Poland.] Nov. lit. po evrop. stran nar. dem. i slav.: Pol'. no. 3 '61

BIBLIOGRAPHY—POLYMERS

Abstracts of articles in the "Journal of polymer science," 45 no. 115, 1960. Vysokom. soed. 3 no. 2, 322-327 F '61.

New literature on polymer materials. Plast. massy no. 6 74-77 '61.

BIBLIOGRAPHY—POULTRY BREEDING

For you, poultry raisers! R. Shkudova. V mire knig 1 no. 5:22 My '61.

BIBLIOGRAPHY—PRESS

The party's helpers. V. Tatarinov. V mire knig 1 no. 5:5 My '61.

BIBLIOGRAPHY—PROTECTIVE COATINGS

Books on metal coating. Mashinostroitel' no. 5 48 My '61

BIBLIOGRAPHY—PUBLIC HEALTH

New books. Sov. zdrav. 20 no. 1 77 '61

New books. Sov. zdrav. 20 no. 2 3, 1 of cover '61

Russian literature on problems of hygiene and sanitation published during the first half of 1959. Gig. i san. 25 no. 3 119-122 Mr '60

BIBLIOGRAPHY—RAILROADS

[Bibliographical guide to the publications of the State Publishing House for Railroad Transportation Literature, 1950-1959.] Bibliograficheskii spravochnik izdanii Transzheldorizdat, 1950-1959. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 345 p.

BIBLIOGRAPHY—RAILROADS—CONSTRUCTION

New books. Transp. stroi. 11 no. 4 3 of cover Ap '61

BIBLIOGRAPHY—RARE BOOKS

A rare book. Uzbekistan 19 no. 4:27 Ap '60.

BIBLIOGRAPHY—RECLAMATION OF LAND

Soil improvement. Pochvovedenie no. 5:125-126 My '61.

BIBLIOGRAPHY—RELIGION

From error to truth. V. Chertikhin. V mire knig 1 no. 3 5 Mr '61.

BIBLIOGRAPHY—ROME—HISTORY

Akademiia nauk SSSR, Institut istorii. [Ancient Greece and ancient Rome; a bibliographical index of Russian publications from 1895 to 1959.] Drevniaia Gretsiia i drevnii Rim, bibliograficheskii ukazatel' izdanii, vyshedshikh v SSSR, 1895-1959 gg. Sost. A. I. Voronkov. Moskva, 1961. 522 p.

BIBLIOGRAPHY—RUSSIA

Our country. G. Metel'skii. V mire knig 1 no. 4:17-18 Ap '61

BIBLIOGRAPHY—RUSSIA—ARMED FORCES

On guard for the sake of socialism. A. Shcherbakov. V mire knig 1 no. 1:8 Ja '61.

BIBLIOGRAPHY—RUSSIA—ARMY

On the 43d anniversary of the Soviet army. IA. Buchilov, A. Ivanov. V mire knig 1 no. 2:6-7 F '61.

Soviet Army and Navy Day. Kal. znam. i pam. dat 6 no. 2:27-31 F '61.

BIBLIOGRAPHY—RUSSIA—HISTORY

Bibliographical aids on the history of the U. S. S. R. M. L. Itkin, V. A. Dunaevskii, F. N. Kudriavtsev. Prep. ist. v shkole 16 no. 3 94-101 My-Je '61

BIBLIOGRAPHY—RUSSIA—HISTORY, MILITARY

Studies on the history of wars and military art. Voen. ist. zhur. 3 no. 6:124-126 Je '61.

BIBLIOGRAPHY—RUSSIA—NAVY

Soviet Army and Navy Day. Kal. znam. i pam. dat 6 no. 2:27-31 F '61.

BIBLIOGRAPHY—RUSSIAN LITERATURE

How to become acquainted with the beautiful. L. In'kova, B. Smirnova. V mire knig 1 no. 2:37-38 F '61.

On the rapids. G. Radov. V mire knig 1 no. 2:26-27 F '61.

Youth enter life. V. Ozerov. V mire knig 1 no. 1: 27-28 Ja '61.

BIBLIOGRAPHY—RUSSIAN NEWSPAPERS

Publishing a new union catalog. A. Gukov. Raspr. pech. no. 1:11 Ap '61

BIBLIOGRAPHY—RUSSIAN PERIODICALS

Publishing a new union catalog. A. Gukov. Raspr. pech. no. 1 14 Ap '61.

BIBLIOGRAPHY—SCIENCE

Annotated list of books published in Russian translation by the Publishing House for Foreign Literature (IL). Nov. knigi za rub. Sci. A 14 no. 5:123-127 My '61.

For students at universities of culture. V. Mel'nikov. V mire knig 1 no. 2:16-17 F '61.

In foreign publishing houses. Nov. knigi za rub. Sci. A 14 no. 5:103-108 My '61.

In the world of books. Tekh. mol. 29 no. 4:30 Ap '61.

[Information bulletin of new foreign books, received by the Lenin Library. Series 1: Physical-mathematical, chemical and geological-geographical sciences, technology and technological sciences.] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 1: Fiz.-mat., khim. i geol.-geog. nauki; tekh. i tekh. nauki nos. 15-17 '61.

List of books on the exact and natural sciences received by the All-Union Library of Foreign Literature (VGIBL) during March 1961. Nov. knigi za rub. Ser. A 14 no. 5 109-114 My '61.

List of books on the exact and natural sciences received by the Public Scientific and Technical Library of the Siberian Branch of the Academy of Sciences of the U. S. S. R. during March 1961. Nov. knigi za rub. Ser. A 14 no. 5:115-122 My '61.

Mathematics, mechanics, geophysics, oceanology, physics, chemistry, geology, [reviews of foreign literature]. Nov. knigi za rub. Ser. A 14 no. 5 3-102 My '61.

Popular scientific literature and its readers. Oleg Pisarzhevskii. V mire knig 1 no. 3 8-9 Mr '61.

Scientists write for the people. A. V. Topchiev. V mire knig 1 no. 3:7 Mr '61.

BIBLIOGRAPHY—SEDEL'NIKOV, ALEKSANDR DENISOVICH, d. 1934

Chronological list of works written by Aleksandr Denisovich Sedel'nikov. I. M. Kostiukhina. Trudy ODRI 17 627-628 '61

BIBLIOGRAPHY—SHEVCHENKO, TARAS, 1814-1861

T. G. Shevchenko. Kal. znam. i pam. dat 6 no. 3 23-27 Mr '61.

BIBLIOGRAPHY—SHIPS

From the pages of foreign journals. Rech. transp. 20 no. 5:63 My '61.

BIBLIOGRAPHY—SLOVAK LITERATURE

Slovak bibliographical annual ("Bibliographical collection" [in Slovak]. Reviewed by M. B. Nakatova). Sov. bibl. no. 2:111-115 '61.

BIBLIOGRAPHY—SOCIAL SCIENCES

[Information bulletin of new foreign books, received by the Lenin Library. Series 3: Social sciences, belles-lettres, art.] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 3: Obshchestv. nauki, khud. lit., isk. nos. 15-17 '61.

BIBLIOGRAPHY—SOCIALIST COMPETITION

Books on labor. Sov. profsoiuzy 17 no. 10:48 My '61.

BIBLIOGRAPHY—SOIL BIOLOGY

Biology and microbiology of soils. Pochvovedenie no. 5: 123-124 My '61.

BIBLIOGRAPHY—SOIL CHEMISTRY

Soil chemistry and methods of research. Pochvovedenie no. 5:120-123 My '61.

BIBLIOGRAPHY—SOIL FERTILITY

Soil fertility, fertilizers, and tillage. Pochvovedenie no. 5:124-125 My '61.

BIBLIOGRAPHY—SOIL MECHANICS

Works on soil mechanics and foundation construction which appeared in 1959 and 1960. Osn., fund. i mekh. grun. 3 no. 2:31-32 '61.

BIBLIOGRAPHY—SOIL MICRO-ORGANISMS

Biology and microbiology of soils. Pochvovedenie no. 5: 123-124 My '61.

BIBLIOGRAPHY—SOIL PHYSICS

Physical properties of soil and methods of research. Pochvovedenie no. 5:119-120 My '61.

BIBLIOGRAPHY—SOILS

Factors in soil formation, genesis, geography, and the cartography of soils. Pochvovedenie no. 5:118-119 My '61.

General works and history of soil science. Pochvovedenie no. 5:128 My '61.

BIBLIOGRAPHY—SOUND

Books, brochures, and abstracts on acoustics published in 1959. Akust. zhur. 6 no. 1:143-144 '60.

BIBLIOGRAPHY—SOUND—RECORDING AND REPRODUCING

Sound recording and reproducing. Tekh. kino i telev. 5 no. 5 86-87 My '61.

BIBLIOGRAPHY—STANDARDIZATION

From technical periodicals. L. Lelainet. Standartizatsiia 25 no. 5:61-63 My '61.

BIBLIOGRAPHY—STATISTICS

On the publication of statistical literature in 1961-1965. E. Mashikhin. Vest. stat. no. 5 88-90 '61

BIBLIOGRAPHY—STOCK AND STOCKBREEDING

Let's give our country enough meat and milk. B. Hovhannisian. Sots. zhiv. 21 no. 5 38 My '61

BIBLIOGRAPHY—STRUCTURES, THEORY OF

New books published by the State Construction Printing Office. Stroi. mekh. i raschet. sooruzh. 3 no. 2 3 of cover '61

BIBLIOGRAPHY—SUGAR BEETS

From the new technical and agricultural literature. Sakh. prom. 35 no. 5 78-79 My '61

BIBLIOGRAPHY—SUGAR MANUFACTURE

From the new technical and agricultural literature. Sakh. prom. 35 no. 5 78-79 My '61

BIBLIOGRAPHY—SURVEYING

Bibliography. Geod. i kart. no. 1 78-80 Ap '61

BIBLIOGRAPHY—TAGORE, SIR RABINDRANATH, 1861-1941

Translation of Rabindranath Tagore's works into Russian and other languages of the peoples of the Soviet Union, a bibliography. V. A. Novikova. Ucb. zap. LGU no. 291: 198-211 '61

BIBLIOGRAPHY—TECHNOLOGICAL INNOVATIONS

Books on mechanization and automation published abroad. V. V. Danilevskii. Mekh. i avtom. proizv. 15 no. 5:58-60 My '61

From periodicals, April, 1961. Mekh. i avtom. proizv. 15 no. 5:63-64 My '61

New books. Mekh. i avtom. proizv. 15 no. 5:61-62 My '61

BIBLIOGRAPHY—TECHNOLOGY

In foreign publishing houses. Nov. knigi za rub. Ser. B 5 no. 5:119-135 My '61.

[Information bulletin of new foreign books, received by the Lenin Library. Series 1: Physical-mathematical, chemical and geological-geographical sciences, technology and technological sciences.] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 1: Fiz.-mat., khim. i geol.-geog. nauki; tekh. i tekh. nauki nos. 15-17 '61

List of books on engineering received by the State Public Library of Science and Technology during March 1961. Nov. knigi za rub. Ser. B 5 no. 5:143-146 My '61.

List of books on engineering received by the State Public Library of Science and Technology of the Siberian Branch of the Academy of Sciences of the U. S. S. R. during February 1961. Nov. knigi za rub. Ser. B 5 no. 5:136-142 My '61.

Metallurgy, metals, metalwork, machinery manufacturing, heat engineering, automatic control, electronics, radio engineering, construction, transportation, aviation and rocket engineering, organization of production, and miscellanea; reviews [of foreign literature]. Nov. knigi za rub. Ser. B 5 no. 5 3-135 My '61.

Source of knowledge. V mire knig 1 no. 3:14-15 Mr '61.

This will be published. Izobr. i prakt. no. 5:47 My '61.

BIBLIOGRAPHY—TELEVISION

Television. Tekh. kino i telev. 5 no. 5 81-83 My '61.

BIBLIOGRAPHY—TILLAGE

Soil fertility, fertilizers, and tillage. Pochvovedenie no. 5:124-125 My '61.

BIBLIOGRAPHY—TROPININ, VASILII ANDREEVICH, 1776-1857

V. A. Tropinin. Kal. znam. i pam. dat 6 no. 3:46-48 Mr '61.

BIBLIOGRAPHY—TUMORS

Bibliography of Russian scientific literature on oncology published during 1958. S. G. Ilishita. Vop. onk. 7 no. 2:121-126 '61.

BIBLIOGRAPHY—TURKMENISTAN

In the foothills of Kopet Dagh. I. Shishkin. V mire knig 1 no. 3:10 Mr '61.

BIBLIOGRAPHY—UKRAINE—GEOLOGY

Literature on the geology of the Ukraine published in 1956 (to be continued). V. N. Dolnova. Geol. zhur. 20 no. 2:120-122 '60.

BIBLIOGRAPHY—UKRAINE—LAW

Bibliography. Rad. pravo no. 2:159-160 Mr-Ap '60

BIBLIOGRAPHY—HYDROLOGY
Literature on meteorology, hydrology, and oceanography published in 1960 (continuation). Meteor i gidrol no 8,57-61 Je '61.

BIBLIOGRAPHY—INDUSTRIAL MANAGEMENT
Each worker should know the methods of industrial management V. Fedinin, V Kosachev Part zhizn' no 13 75-77 Jl '61

BIBLIOGRAPHY—INDUSTRIAL SAFETY
New books. Bezop. truda v prom. 4 no. 5:34 My '60.
New books. Bezop. truda v prom. 5 no 5:36-37 My '61.

BIBLIOGRAPHY—INLAND NAVIGATION
New books. Rech. transp. 20 no. 5:64 My '61.

BIBLIOGRAPHY—INTERNATIONAL RELATIONS
[New books abroad on social sciences; economics, philosophy, history, international relations.] Nov knigi za rub. po obshchestv. naukam, ekon. ,filos. ,ist. ,mezhdunar otn. 4 no. 5 My '61.

BIBLIOGRAPHY—IRRIGATION
From foreign journals on hydraulic engineering and reclamation of land. Gidr. i mel. 13 no. 5:63 My '61.

BIBLIOGRAPHY—KIRGHIZ LITERATURE
Achievements, plans, and dreams Toktobolot Abdumomunov. V mire knig 1 no 4:32 Ap '61

BIBLIOGRAPHY—KOBYLIANS'KA, OL'HA, 1863-1942
A research guide ("Ol'ha Kobylians'ka"; a bibliographic handbook Reviewed by O K Babyshkin) Rad. lit 5 no 2 144-145 Mr-Ap '61

BIBLIOGRAPHY—KOMI A. S. S. R.
Syktyvkar. Respublikanskaia biblioteka. [Literature on the Komi A. S. S. R. published during 1956] Literatura o Komi ASSR za 1956 god. Syktyvkar, Komi knizhnoe izd-vo, 1958. 137 p.

BIBLIOGRAPHY—KRZHEVSKII, BORIS APOLLONOVICH
List of B. A Krzhevskii's works. Uch. zap. LGU no. 299: 5-7 '61

BIBLIOGRAPHY—KUN, BELA, 1886-1939
Bela Kun. Kal. znam. i pam. dat 6 no. 2:23-26 F '61.

BIBLIOGRAPHY—LABOR AND LABORING CLASSES
Beacons in our life. Il. Kulyshev. V mire knig 1 no. 5:4 My '61.
The beating of our pulse. N. Filippov. V mire knig 1 no. 1.6-7 Ja '61.
Joy of creative work. I. Molchanov. V mire knig 1 no. 2.19-20 F '61.
Stories of experienced people Gennadii Fish. V mire knig 1 no. 1:20 Ap '61
Those going ahead. Sergei Borzenko. V mire knig 1 no. 5:2-4 My '61.

BIBLIOGRAPHY—LEATHER INDUSTRY
New books. Kozh.-obuv. prom. 3 no. 4:39-40 Ap '61.

BIBLIOGRAPHY—LENIN, VLADIMIR IL'ICH, 1870-1924
Books about Lenin for children. Iosif Dik. V mire knig 1 no. 4:30 Ap '61.
Lenin in poetry. V mire knig 1 no. 4:28-29 Ap '61
Living figure. I. Klabunovskii. V mire knig 1 no. 4: 26-27 Ap '61
New books A. Shcherbakov. Sov. voin. 41 no. 6:16 Mr '60.

BIBLIOGRAPHY—LESKOV, NIKOLAI SEMENOVICH, 1831-1895
N. S. Leskov. Kal. znam. i pam. dat 6 no. 2:20-22 F '61.

BIBLIOGRAPHY—LIGHTING
Optics and lighting engineering. Tekh. kino i telev. 5 no. 5:84-86 My '61.

BIBLIOGRAPHY—LITERATURE
Brief notes on new books Inostr lit. no. 3 264-269 Mr '60.
[Information bulletin of new foreign books, received by the Lenin Library. Series 3: Social Sciences, belles-lettres, art.] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 3: Obshchestv. nauki, khud. lit., isk. nos. 15-17 '61.
List of new publications. Inostr lit. no. 4 262 Ap '61
List of new publications. Inostr. lit. no. 5:257 My '61.
[Literature and art of the peoples of the U. S. S. R. and foreign countries.] Lit. i isk. nar. SSSR i zarub. stran nos. 2-3 '61. 273 p.

BIBLIOGRAPHY—LITERATURE—HISTORY AND CRITICISM
[New foreign literature on the study of literature.] Nov. inostr. lit. po lit. no. 3 '61.
[New Soviet literature on the study of literature.] Nov. sov. lit. po lit. no. 3 '61.

BIBLIOGRAPHY—LUXEMBURG, ROSA, 1870-1919
Rosa Luxemburg. Kal. znam. i pam. dat 6 no. 3:7-10 Mr '61.

Machines of the seven-year plan. V mire knig 1 no. 2: 11-12 F '61.

BIBLIOGRAPHY—MACHINERY INDUSTRY
Publications of the Central Bureau of Technical Information of the State Committee of the Council of Ministers of the U S S R on Automation in Machinery Manufacture Metalloved i term obr. met. no 5 59-61 My '61

BIBLIOGRAPHY—MATHEMATICS
New books on mathematics Usp mat. nauk 16 no 2 265-266 Mr-Ap '61

BIBLIOGRAPHY—MEASURING INSTRUMENTS
From periodicals. Izm. tekh. no. 5:63 My '61.
From periodicals. Izm. tekh. no. 6:63 Je '61.

BIBLIOGRAPHY—MECHANICAL ENGINEERING
Authors' abstracts of dissertations. Vest. mash. 41 no. 5:89-90 My '61.
Books, periodicals. Stan. i instr. 32 no. 5:41-44 My '61.
Books and periodicals Stan. i instr 31 no. 5:43-44 My '60.
New books. Vest. mash. 41 no. 5:90-92 My '61.
New books published by the State Publishing House of Literature on Machinery. Mashinostroitel' no. 5 48 My '60.
Review of foreign periodicals. Vest. mash. 41 no. 5:92-94 My '61.

BIBLIOGRAPHY—MEDICINE
Biology, medicine, and agriculture, reviews [of foreign literature]. Nov. knigi za rub. Ser. V 5 no. 5:3-73 My '61.
Bookshelf. B A. Nikitiuk. Arkh. anat. gist. i embr. 39 no. 7.113-115 Jl '60.
In foreign publishing houses. Nov. knigi za rub. Ser. V 5 no. 5 74-81 My '61.
Index of articles published in "Medisinskaia Sestra" in 1942-1959. Med. sestra 20 no. 4:62-64 Ap '61.
[Information bulletin of new foreign books, received by the Lenin Library Series 2: Biological, medical, and agricultural sciences.] Inform. biul. nov inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 2: Biol., med. i sel'skokhoz. nauki nos. 14-17 '61.
List of books on biology, medicine, and agriculture received by the State Public Library of Science and Technology during March 1961. Nov. knigi za rub. Ser. V 5 no. 5:88-93 My '61
List of books on medicine received by the State Central Medical Library during March 1961. Nov. knigi za rub. Ser. V 5 no. 5:82-85 My '61.
New books. Sov zdrav. 20 no. 4 3 of cover '61
New books Sov. zdrav 20 no 5 86 '61
New books. Zdrav. Ros. Fedei. 5 no. 5:3-4 of cover My '61
State Publishing House for Medical Literature intends to issue the following publications in 1960. Fel'd. i akush. 25 no. 4:62-64 Ap '60.

BIBLIOGRAPHY—MERCHANT MARINE
Reference section. Mor. flot 21 no. 5:46 My '61.

BIBLIOGRAPHY—METALS
From the pages of newspapers. Metallurg 6 no. 3:30 Mr '61.
New books. A. M. Lekhtik. Metallurg 6 no. 6:40 Je '61.
New books. Metalloved. i term. obr. met. no. 5:45 My '61.

BIBLIOGRAPHY—METEOROLOGY
Literature on meteorology, hydrology, and oceanography published in 1960 (continuation). Meteor. i gidrol. no. 6:57-61 Je '61.

BIBLIOGRAPHY—MILITARY ART AND SCIENCE
Studies on the history of wars and military art. Voen.-ist. zhur. 3 no. 6:124-126 Je '61

BIBLIOGRAPHY—MINERAL INDUSTRIES
Books and articles on mining Gor. zhur. no 3:79-80 Mr '60.

BIBLIOGRAPHY—MINERALOGY
Akademiia nauk SSSR. Biblioteka. [Index of articles to the second series of the "Zapiski" of the All-Union Mineralogical Society, issued from 1912 to 1957] Ukazatel' statei ko vtoroi serii "Zapisok Vsesoiuznogo mineralogicheskogo obshchestva," izdannykh s 1912 po 1957 god. Sost. L. G. Gerts. Pod red. S. P. Solov'eva. Leningrad, 1960. 139 p.

BIBLIOGRAPHY—MINERALS IN SOIL
Soil mineralogy. Pochvovedenie no. 5:119 My '61.

BIBLIOGRAPHY—MINES AND MINERAL RESOURCES
Systematic index of articles published in the "Zapiski" of the Leningrad Mining Institute, vols. 1 through 37 (1907-1958). M. I. Kumurdzhi. Zap. LGI 40:127-163 '59.

BIBLIOGRAPHY—MOTION-PICTURE PHOTOGRAPHY
Motion-picture photography and projection. Tekh. kino i telev. 5 no. 5:83-84 My '61.

BIBLIOGRAPHY—MOTION-PICTURE PHOTOGRAPHY—FILMS
Motion-picture film and its processing. Tekh. i kino telev. 5 no. 5 88-89 My '61.

BIBLIOGRAPHY—MOTION-PICTURE PROJECTION
Motion-picture photography and projection. Tekh. kino i telev. 5 no. 5 83-84 My '61.

BIBLIOGRAPHY—MUSIC
World of lofty feelings. T. Khrennikov. V mire knig 1 no. 1:40 Ja '61.

BIBLIOGRAPHY—NATURAL RESOURCES
Let us preserve our natural resources D I Shcherbakov. V mire knig 1 no 1:14-15 Ap '61
Treasure of the forest M Lavrov. V mire knig 1 no. 1:16 Ap '61

BIBLIOGRAPHY—NONFERROUS METALS
New technical publications. Tsvet met. 31 no 5 81-84 My '61

BIBLIOGRAPHY—NUCLEAR PHYSICS
New literature. Atom. energ. 10 no. 5:551-560 My '61.

BIBLIOGRAPHY—OIL RESERVOIR ENGINEERING
Dissertations on petroleum production defended at the Petroleum Institute of the Academy of Sciences of the U. S. S. R. from 1951 to 1958. Trudy Inst. geol. i razrab. gor. iskop. 2 200-201 '60.

BIBLIOGRAPHY—OPTICS
Optics and lighting engineering. Tekh. kino i telev. 5 no. 5:84-86 My '61.

BIBLIOGRAPHY—OTOLARYNGOLOGY
Bibliography of Russian literature (articles on otorhinolaryngology published in general medical periodicals, 1955-1958). Vest. otorin. 22 no. 1.100-103 Ja-F '60.

BIBLIOGRAPHY—PAPER INDUSTRY
New books. Bum prom. 36 no 5 insert My '61.

BIBLIOGRAPHY—PARIS—COMMUNE, 1871
Day of the Paris Commune. Kal. znam. i pam. dat 6 no. 3:36-40 Mr '61.

BIBLIOGRAPHY—PAVLOV, IVAN PETROVICH, 1849-1936
I. P. Pavlov. Kal. znam. i pam. dat 6 no. 2:42-46 F '61

BIBLIOGRAPHY—PEACE
Law of the defense of peace. Kal. znam. i pam. dat 6 no. 3:26-35 Mr '61.

BIBLIOGRAPHY—PERIODICALS
Moscow. Publichnaia biblioteka. [Foreign periodicals; a classed list of publications of the period 1954-1959 received by the Moscow Public Library] Inostrannaia periodika; sistematicheskii spisok izdanii 1954-1959 gg., poluchennykh bibliotekoi imeni V. I. Lenina. Moskva. No. 5 (dopolnitel'nyi). 1961. 431 p.

BIBLIOGRAPHY—PHILOSOPHY
[New books abroad on social sciences; economics, philosophy, history, international relations.] Nov. knigi za rub. po obshchestv. naukam; ekon. ,filos. ,ist. ,mezhdunar. otn 4 no. 5 My '61.
Philosophical problems discussed in the 1960 serials of universities and institutes. Vop. filos. 15 no 5: 178-183 '61.

BIBLIOGRAPHY—PHOTOGRAPHY
"Information Bulletin of the Scientific Research Institute of Motion Pictures and Photography" no. 1 and no. 2. Reviewed by P. IA. Raizer. Zhur. nauch. i prikl. fot. i kin. 6 no. 3:238-239 My '61.

BIBLIOGRAPHY—PHYSICAL EDUCATION AND TRAINING
Literature on physical culture and sports in foreign countries. Teor. i prak. fiz kul't. 24 no. 3:227-228 '61
Literature on physical education and sports in foreign countries. Teor. i prak. fiz. kul' 24 no 2 155-160 '61
Literature on physical training and sports abroad. Teor. i prak. fiz. kul'. 24 no. 5:371-372 '61.
Literature on physical training and sports in foreign countries. Teor i prak. fiz. kul'. 24 no. 1:75-76 '61
New books. Teor. i prak. fiz. kul'. 24 no 1:74-75 '61.
New books. Teor. i prak. fiz. kul'. 24 no. 4:317-318 '61

BIBLIOGRAPHY—PHYSICAL EDUCATION FOR CHILDREN
New literature on the physical education of preschool children. L. G. Doshk. vykh. 22 no. 6:42-43 Je '61.

BIBLIOGRAPHY—PHYSICAL METALLURGY
Academic dissertations presented to the A. A. Baikov's Institute of Metallurgy of the Academy of Sciences of the U. S. S. R. in 1958. Trudy Inst. met. no. 4:263 '60

BIBLIOGRAPHY—PHYSICS

New books and articles pertaining to physics, engineering and astronomy. Fiz. v shkole 20 no. 2 101-104 Mr-Ap '60.

New books. Inzh.-fiz. zhur. 4 no. 5 141-143 My '61

BIBLIOGRAPHY—PLASTICS

Books on plastics received by the Central Library of Science and Technology of the State Committee on Chemistry. Plast. massy no. 6:76 '61.

BIBLIOGRAPHY—POLAND

[New literature on European people's democracies and Slavic studies. Poland.] Nov. lit. po evrop. stran. nar. dem. i slav. Pol' no. 3 '61.

BIBLIOGRAPHY—POLYMERS

Abstracts of articles in the "Journal of polymer science," 45 no. 145, 1960. Vysokom. soed. 3 no. 2:322-327 F '61.

New literature on polymer materials. Plast. massy no. 6:74-77 '61.

BIBLIOGRAPHY—POULTRY BREEDING

For you, poultry raisers! R. Shkudova. V mire knig 1 no. 5:22 My '61.

BIBLIOGRAPHY—PRESS

The party's helpers. V. Tatarinov. V mire knig 1 no. 5.5 My '61.

BIBLIOGRAPHY—PROTECTIVE COATINGS

Books on metal coating. Mashinostroitel' no. 5:48 My '61.

BIBLIOGRAPHY—PUBLIC HEALTH

New books. Sov. zdrav. 20 no. 1 77 '61

New books. Sov. zdrav. 20 no. 2 3, 1 of cover '61

Russian literature on problems of hygiene and sanitation published during the first half of 1959. Gig. i san. 25 no. 3 119-122 Mr '60

BIBLIOGRAPHY—RAILROADS

[Bibliographical guide to the publications of the State Publishing House for Railroad Transportation Literature, 1950-1959.] Bibliograficheskii spravochnik izdanii Transzheldorizdat, 1950-1959. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 345 p.

BIBLIOGRAPHY—RAILROADS—CONSTRUCTION

New books. Transp. stroi. 11 no. 4 3 of cover Ap '61.

BIBLIOGRAPHY—RARE BOOKS

A rare book. Uzbekistan 19 no. 4:27 Ap '60.

BIBLIOGRAPHY—RECLAMATION OF LAND

Soil improvement. Pochvovedenie no. 5:125-126 My '61.

BIBLIOGRAPHY—RELIGION

From error to truth. V. Chertikhin. V mire knig 1 no. 3:5 Mr '61.

BIBLIOGRAPHY—ROME—HISTORY

Akademiia nauk SSSR. Institut istorii. [Ancient Greece and ancient Rome; a bibliographical index of Russian publications from 1895 to 1959.] Drevniaia Gretsiia i drevnii Rim; bibliograficheskii ukazatel' izdanii, vyshedshikh v SSSR, 1895-1959 gg. Sost. A. I. Vorenkov. Moskva, 1961. 522 p.

BIBLIOGRAPHY—RUSSIA

Our country. G. Metel'skii. V mire knig 1 no. 4:17-18 Ap '61.

BIBLIOGRAPHY—RUSSIA—ARMED FORCES

On guard for the sake of socialism. A. Shcherbakov. V mire knig 1 no. 1:8 Ja '61.

BIBLIOGRAPHY—RUSSIA—ARMY

On the 43d anniversary of the Soviet army. IA. Buchilov, A. Ivanov. V mire knig 1 no. 2:6-7 F '61.

Soviet Army and Navy Day. Kal. znam. i pam. dat 6 no. 2:27-31 F '61.

BIBLIOGRAPHY—RUSSIA—HISTORY

Bibliographical aids on the history of the U. S. S. R. M. L. Itkin, V. A. Dunaevskii, F. N. Kudriavtsev. Prep. ist. v shkole 16 no. 3 94-101 My-Je '61

BIBLIOGRAPHY—RUSSIA—HISTORY, MILITARY

Studies on the history of wars and military art. Voen.-ist. zhur. 3 no. 6:124-126 Je '61.

BIBLIOGRAPHY—RUSSIA—NAVY

Soviet Army and Navy Day. Kal. znam. i pam. dat 6 no. 2:27-31 F '61.

BIBLIOGRAPHY—RUSSIAN LITERATURE

How to become acquainted with the beautiful. L. In'kova, B. Smirnova. V mire knig 1 no. 2:37-38 F '61.

On the rapids. G. Radov. V mire knig 1 no. 2:26-27 F '61.

Youth enter life. V. Ozerov. V mire knig 1 no. 1: 27-28 Ja '61.

BIBLIOGRAPHY—RUSSIAN NEWSPAPERS

Publishing a new union catalog. A. Gukov. Raspr. pech. no. 1:14 Ap '61.

BIBLIOGRAPHY—RUSSIAN PERIODICALS

Publishing a new union catalog. A. Gukov. Raspr. pech. no. 1:11 Ap '61.

BIBLIOGRAPHY—SCIENCE

Annotated list of books published in Russian translation by the Publishing House for Foreign Literature (IL). Nov. knigi za rub. Ser. A 14 no. 5:123-127 My '61.

For students at universities of culture. V. Mel'nikov. V mire knig 1 no. 2,16-17 F '61.

In foreign publishing houses. Nov. knigi za rub. Ser. A 14 no. 5 103-108 My '61.

In the world of books. Tekh. mol. 29 no. 4:39 Ap '61.

[Information bulletin of new foreign books, received by the Lenin Library. Series 1: Physical-mathematical, chemical and geological-geographical sciences, technology and technological sciences.] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 1: Fiz.-mat., khim. i geol.-geog. nauki, tekh. i tekh. nauki nos. 15-17 '61.

List of books on the exact and natural sciences received by the All-Union Library of Foreign Literature (VGBIL) during March 1961. Nov. knigi za rub. Ser. A 14 no. 5:109-114 My '61.

List of books on the exact and natural sciences received by the Public Scientific and Technical Library of the Siberian Branch of the Academy of Sciences of the U. S. S. R. during March 1961. Nov. knigi za rub. Ser. A 14 no. 5:115-122 My '61.

Mathematics, mechanics, geophysics, oceanology, physics, chemistry, geology; reviews [of foreign literature]. Nov. knigi za rub. Ser. A 14 no. 5:3-102 My '61.

Popular scientific literature and its readers. Oleg Pisarzhevskii. V mire knig 1 no. 3:8-9 Mr '61.

Scientists write for the people. A. V. Topchiev. V mire knig 1 no. 3:7 Mr '61.

BIBLIOGRAPHY—SEDEL'NIKOV, ALEKSANDR DENISOVICH, d 1934

Chronological list of works written by Aleksandr Denisovich Sedel'nikov. I. M. Kostiukhina. Trudy ODRL 17 627-628 '61

BIBLIOGRAPHY—SHEVCHENKO, TARAS, 1814-1861

T. G. Shevchenko. Kal. znam. i pam. dat 6 no. 3:23-27 Mr '61.

BIBLIOGRAPHY—SHIPS

From the pages of foreign journals. Rech. transp. 20 no. 5:63 My '61.

BIBLIOGRAPHY—SLOVAK LITERATURE

Slovak bibliographical annual ("Bibliographical collection" [in Slovak]. Reviewed by M. B. Nabatova). Sov. bibl. no. 2:111-115 '61.

BIBLIOGRAPHY—SOCIAL SCIENCES

[Information bulletin of new foreign books, received by the Lenin Library. Series 3: Social sciences, belles-lettres, art.] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 3: Obshchestv. nauki, khud. lit., isk. nos. 15-17 '61.

BIBLIOGRAPHY—SOCIALIST COMPETITION

Books on labor. Sov. profsoiuzy 17 no. 10:46 My '61.

BIBLIOGRAPHY—SOIL BIOLOGY

Biology and microbiology of soils. Pochvovedenie no. 5: 123-124 My '61.

BIBLIOGRAPHY—SOIL CHEMISTRY

Soil chemistry and methods of research. Pochvovedenie no. 5:120-123 My '61.

BIBLIOGRAPHY—SOIL FERTILITY

Soil fertility, fertilizers, and tillage. Pochvovedenie no. 5:124-125 My '61.

BIBLIOGRAPHY—SOIL MECHANICS

Works on soil mechanics and foundation construction which appeared in 1959 and 1960. Osn., fund. i mekh. grun. 3 no. 2:31-32 '61.

BIBLIOGRAPHY—SOIL MICRO-ORGANISMS

Biology and microbiology of soils. Pochvovedenie no. 5: 123-124 My '61.

BIBLIOGRAPHY—SOIL PHYSICS

Physical properties of soil and methods of research. Pochvovedenie no. 5:119-120 My '61.

BIBLIOGRAPHY—SOILS

Factors in soil formation, genesis, geography, and the cartography of soils. Pochvovedenie no. 5:118-119 My '61.

General works and history of soil science. Pochvovedenie no. 5:128 My '61.

BIBLIOGRAPHY—SOUND

Books, brochures, and abstracts on acoustics published in 1959. Akust. zhur. 6 no. 1:143-144 '60.

BIBLIOGRAPHY—SOUND—RECORDING AND REPRODUCING

Sound recording and reproducing. Tekh. kino i telev. 5 no. 5:86-87 My '61.

BIBLIOGRAPHY—STANDARDIZATION

From technical periodicals. L. Zelstner. Standartizatsiia 25 no. 5:61-63 My '61.

BIBLIOGRAPHY—STATISTICS

On the publication of statistical literature in 1961-1965. E. Mashikhin. Vest. stat. no. 5 86-90 '61.

BIBLIOGRAPHY—STOCK AND STOCKBREEDING

Let's give our country enough meat and milk. N. Nenchar. Sots. kult. 11 no. 5 36 My '61.

BIBLIOGRAPHY—STRUCTURES, THEORY OF

New books published by the State Construction Printing Office. Stroi. mekh. i raschet. soor. 3 no. 2 3 of cover '61

BIBLIOGRAPHY—SUGAR BEETS

From the new technical and agricultural literature. Sakh. prom. 35 no. 5 78-79 My '61

BIBLIOGRAPHY—SUGAR MANUFACTURE

From the new technical and agricultural literature. Sakh. prom. 35 no. 5 78-79 My '61

BIBLIOGRAPHY—SURVEYING

Bibliography. Geod. i kart. no. 4 78-80 Ap '61

BIBLIOGRAPHY—TAGORE, SIR RABINDRANATH, 1861-1941

Translation of Rabindranath Tagore's works into Russian and other languages of the peoples of the Soviet Union, a bibliography. V. A. Novikova. Uch. zap. LGU no. 294; 199-211 '61.

BIBLIOGRAPHY—TECHNOLOGICAL INNOVATIONS

Books on mechanization and automation published abroad. V. V. Danilevskii. Mekh. i avtom. proizv. 15 no. 5:58-60 My '61

From periodicals, April, 1961. Mekh. i avtom. proizv. 15 no. 5 63-64 My '61

New books. Mekh. i avtom. proizv. 15 no. 5:61-62 My '61.

BIBLIOGRAPHY—TECHNOLOGY

In foreign publishing houses. Nov. knigi za rub. Ser. B 5 no. 5:149-155 My '61.

[Information bulletin of new foreign books, received by the Lenin Library. Series 1: Physical-mathematical, chemical and geological-geographical sciences, technology and technological sciences.] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 1. Fiz.-mat., khim. i geol.-geog. nauki, tekh. i tekh. nauki nos. 15-17 '61.

List of books on engineering received by the State Public Library of Science and Technology during March 1961. Nov. knigi za rub. Ser. B 5 no. 5:143-148 My '61.

List of books on engineering received by the State Public Library of Science and Technology of the Siberian Branch of the Academy of Sciences of the U. S. S. R. during February 1961. Nov. knigi za rub. Ser. B 5 no. 5:136-142 My '61.

Metallurgy, metals, metalwork, machinery manufacturing, heat engineering, automatic control, electronics, radio engineering, construction, transportation, aviation and rocket engineering, organization of production, and miscellanea; reviews [of foreign literature]. Nov. knigi za rub. Ser. B 5 no. 5:3-135 My '61.

Source of knowledge. V mire knig 1 no. 3:14-15 Mr '61.

This will be published. Izobr. i rats. no. 5:47 My '61.

BIBLIOGRAPHY—TELEVISION

Television. Tekh. kino i telev. 5 no. 5:81-83 My '61.

BIBLIOGRAPHY—TILLAGE

Soil fertility, fertilizers, and tillage. Pochvovedenie no. 5:124-125 My '61.

BIBLIOGRAPHY—TROPININ, VASILII ANDREEVICH, 1776-1857

V. A. Tropinin. Kal. znam. i pam. dat 6 no. 3:45-48 Mr '61.

BIBLIOGRAPHY—TUMORS

Bibliography of Russian scientific literature on oncology published during 1958. S. G. Lifshits. Vop. onk. 7 no. 2:121-126 '61

BIBLIOGRAPHY—TURKMENISTAN

In the foothills of Kopet Dagh. I. Shishkin. V mire knig 1 no. 3:10 Mr '61.

BIBLIOGRAPHY—UKRAINE—GEOLOGY

Literature on the geology of the Ukraine published in 1956 (to be continued). V. N. Dolhova. Geol. zhur. 20 no. 2:120-122 '60.

BIBLIOGRAPHY—UKRAINE—LAW

Bibliography. Rad. pravo no. 2.159-160 Mr-Ap '60.

BIBLIOGRAPHY—UKRAINIAN LITERATURE
Books on Ukrainian literary studies published during 1960. 1. V. Bielialeva. Rad. lit. 5 no. 2:145-147 Mr-Ap '61.
Brief book reviews. Sov. Ukr. 11 no. 5:186-190 My '61.

BIBLIOGRAPHY—UKRAINKA, LESIA, 1871-1913
Lesia Ukrainka. Kal. znam. i pam. dat. 6 no. 2:38-41 F '61.

BIBLIOGRAPHY—UZBEK LITERATURE
You are going to read this. Uzbekistan 19 no. 1:26 Ja '60.

BIBLIOGRAPHY—VENUS (PLANET)
The planet Venus. V. Bazykin. V mire knig 1 no. 5: 10-11 My '61.

BIBLIOGRAPHY—VOROSHILOV, KLIMENT EFREMOVICH, 1881-
K. E. Voroshilov. Kal. znam. i pam. dat. 6 no. 2:4-7 F '61.

BIBLIOGRAPHY—VOYAGES AND TRAVELS
Travels in our day. A. Glukhov. V mire knig 1 no. 2: 13-14 F '61.

BIBLIOGRAPHY—WHITE RUSSIAN STUDIES
Akademiia nauk BSSR, Minsk. Fundamental'naia biblioteka. [Bibliography of publications of the Academy of Sciences of the White Russian S. S. R.; books and articles published in 1959] Bibliografiia izdanii Akademii nauk Belorusskoi SSR, knigi i stat'i za 1959 g. Minsk, 1960. 133 p.

BIBLIOGRAPHY—WOMEN
International Woman's Day. Kal. znam. i pam. dat. 6 no. 3:16-22 Mr '61.
Women's glory. G. Privalovskaia, Z. Udonova. V mire knig 1 no. 2:8-9 F '61.

BIBLIOGRAPHY—WOOD—CHEMISTRY
From scientific and technical journals. Gidroliz. i lesokhim. prom. 14 no. 4. inserts '61.

BIBLIOGRAPHY—WOODPULP
New books. Bum. prom. 36 no. 4:insert Ap '61.

BIBLIOGRAPHY—WOODPULP INDUSTRY
Books and articles on the processing of woodpulp. Shkola i proizv. 5 no. 5:93-94 My '61.

BIBLIOGRAPHY—WORLD WAR, 1939-1945
Courageous people. I. Prochko. V mire knig 1 no. 5: 7-8 My '61.
New books on the Great Patriotic War. Polit. samoobr. 5 no. 6:122-125 Je '61.

BIBLIOGRAPHY—YOUTH
For memorable dates. T. Perfil'eva. Sov. knizh. torg. 13 no. 5:40-41 My '61.

BIBLIOGRAPHY—YUGOSLAVIA
[New literature on Yugoslavia.] Nov. lit. po IUg. no. 3 '61.

BIBLIOGRAPHY—ZELINSKII, NIKOLAI DMITRIEVICH, 1861-1953
N. D. Zelinskii. Kal. znam. i pam. dat. 6 no. 2:12-14 F '61.

BIBLIOGRAPHY (THEORY, METHODS, ETC.)
Aids in promoting library and bibliographical knowledge ("Promotion of library and bibliographical knowledge in city and provincial libraries" by I. K. Klipicheva. Reviewed by K. A. Bibinova, A. D. Zaidman). Sov. bibl. no. 2:79-83 '61.
Bibliography as an aid to general education and the all-around development of the individual. I. P. Kondakov. Sov. bibl. no. 2:3-22 '61.
Bibliography in books for workers. L. I. Zaderman. Sov. bibl. no. 2:76-79 '61.
Discussion of the manual "General bibliography" at a city society of bibliographers. A. L. Bal'sor and others. Sov. bibl. no. 2:72-75 '61.
Read to the peaks. B. Smirnova. V mire knig 1 no. 1: 42 Ja '61.
What kind of a work should a bibliography of geographical literature be? L. V. Lebedev. Sov. bibl. no. 2:83-90 '61.

BICYCLES AND TRICYCLES
(see also subdivision under Kharkov)
Bicycle with a sidecar. A. Pelsakhovich. Tekh. mol. 29 no. 4:26 Ap '61.

BICYCLING see Cycling

BICYCLOHEPTANE
Synthesis of cis-1, 2-di(iodomethyl) cyclobutane and of some bicyclo-(3, 2, 0)-heptane derivatives. V. P. Gol'mov, Z. P. Malevannaia. Zhur. ob. khim. 31 no. 5 1440-1445 My '61.

BIDLOO, NIKOLAI, d. 1735
Nikolai Bidloo; on the 225th anniversary of his death. V. N. Ternovskii. Arkh. anat. gist. i embr. 39 no. 7: 87-90 Jl '60.

BIDSTRUP, HERLUF
A home in Lillerod. N. Karasev. Neva no. 4 219-220 '61.

BIÈVRE, FRANCE—PEACE—CONGRESSES
The "Pugwash" conference. L. N. Parilskii. Zhur. Mosk. Patr. no. 5 52-54 My '61.

BIGUANIDE
Synthesis of N^1-methyl-N^5-(4-methoxyphenyl)-biguanide and (2-methoxyphenyl)-biguanide. N. T. Solens'ka, L. S. Sokil. Farmatsev. zhur. 15 no. 1:13-14 '60.

BILE
Effect of vagotomy on the bile secretory function of the liver. G. P. Saburov. Fiziol. zhur. 47 no. 5 624-629 My '61.
Influence of waters from the hot springs of Zheleznovodsk on bile secretion and bile pigment exchange. N. A. Tiulenev. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 1 41-46 '61.

BILE ACIDS
Quantitative chromatographic determination of bile acids in the bile and blood [with summary in English]. A. IA. Karbach. Biokhimiia 26 no. 2:305-309 Mr-Ap '61.

BILE PIGMENTS
Influence of waters from the hot springs of Zheleznovodsk on bile secretion and bile pigment exchange. N. A. Tiulenev. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 1 41-46 '61.

BILIARY TRACT—BLOOD SUPPLY
Method for detecting capillaries of the biliary tract. Chan Wao-chên. Arkh. anat. gist. i embr. 39 no. 7: 84-86 Jl '60.

BILIARY TRACT—DISEASES
Chronic cholecystitis. A. K. Kulieva, N. B. Khakberdyev. Zdrav. Turk. 5 no. 2:38-40 Mr-Ap '61.
Effectiveness of the over-all treatment of chronic diseases of the liver and biliary tract at the Karlovy Vary Health Resort in Czechoslovakia. V. N. Donskoi, V. K. Lubinets, M. I. Getmantseva. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 1:35-40 '61.

BILIMBAY REGION—GEOLOGY, STRATIGRAPHIC
The Silurian in the area of Bilimbay on the western slope of the Central Urals. V. G. Varganov, M. V. Shurygina. Sov. geol. 4 no. 4:128-133 Ap '61.

BIOCHEMICAL SOCIETIES
In the All-Union Biochemical Society. E. V. Budaitskaia. Biokhimiia 26 no. 2:391-392 Mr-Ap '61.

BIOCHEMISTRY
Biogeochemical provinces of the U. S. S. R. and methods of studying them. V. V. Koval'skii. Trudy Biogeokhim. lab. no. 11:8-32 '60.
Chemical map of living organisms. L. Panysheva, IUn. tekh. 5 no. 2:25-29 F '61.
Genesis of biogeochemical provinces. A. P. Vinogradov. Trudy Biogeokhim. lab. no. 11:3-7 '60.
A source of creative inspiration. Biokhimiia 25 no. 2 193-197 Mr-Ap '60.

BIOCHEMISTRY—ABSTRACTS
[Biochemistry: Biological chemistry] Ref. zhur.: Khim.; biol. khim. no. 11 Je '61.
[Chemistry: Biological chemistry] Ref. zhur.: Khim.; biol. khim. no. 10 My '61.

BIOCHEMISTRY—CONGRESSES
The congressional tribune. Biokhimiia 25 no. 2:362 Mr-Ap '60.

BIOGRAPHY
"Foreign scientists and cultural leaders" by D. N. Anuchin. Reviewed by V. Bykov. Geog. v shkole 24 no. 3:92-94 My-Je '61.

BIOLOGICAL APPARATUS AND SUPPLIES
Simple apparatus for serial pouring of liquids. V. M. D'iachenko. Lab. delo 7 no. 5:59-60 My '61.

BIOLOGICAL ASSAY
Cherkovskaia, T. IA., and N. N. Piguleyskaia. [Concise methodological manual on biological standardization of cardiotonics and valerian] Kratkoe metodicheskoe posobie po biologicheskoi standartizatsii serdechnykh sredstv i valer'iany. Pod red. N. G. Politakova. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 90 p. (DNLM)

BIOLOGICAL PRODUCTS—OPTICAL PROPERTIES
Optical study of the concentration of pigments in biological scattering media. F. IA. Sid'ko, I. A. Terskov. Izv. Sib. otd. AN SSSR no. 3:75-81 '61.

BIOLOGICAL RESEARCH
General meeting of the Department of Biological Sciences of the Academy of Sciences of the U. S. S. R. (Apr. 4, 1961). Izv. AN SSSR. Ser. biol. no. 3:493-496 My-Je '61.
General meeting of the Department of Biological Sciences of the Academy of Sciences of the U. S. S. R. (Feb. 1-2, 1961). Izv. AN SSSR. Ser. biol. no. 3:487-493 My-Je '61.
V. I. Lenin and the biological science. Bot. zhur. 45 no. 4:473-479 Ap '60.

BIOLOGICAL SPECIMENS—COLLECTION AND PRESERVATION
Preservation of pathological material under field conditions. L. M. Sluzhenova. Lab. delo 7 no. 5:46-50 My '61.

BIOLOGY
Books received by the editor for review. Agrobiologiia no. 3:477-479 My-Je '61.
Mikulinskii, S. R. [Development of general biological problems in Russia, first half of the 19th century] Razvitie obshchikh problem biologii v Rossii, pervaia polovina XIX veka. Moskva, Izd-vo Akad. nauk SSSR, 1961. 226 p.
Principal features of the Michurin theory in the light of dialectical materialism. Todor Pavlov. Agrobiologiia no. 3:323-356 My-Je '61.

BIOLOGY—ABSTRACTS
[Biology.] Ref. zhur.: Biol. nos. 11-12 Je '61.

BIOLOGY—BIBLIOGRAPHY see Bibliography—Biology

BIOLOGY—PHILOSOPHY
A Ukrainian conference on philosophical problems in biology. S. B. Krymskii, V. A. Romenets. Vop. filos. 15 no. 5:155-158 '61.

BIOLOGY—STUDY AND TEACHING
Akademiia pedagogicheskikh nauk RSFSR, Moscow. Institut obshchego i politekhnicheskogo obrazovaniia. [Teaching biology according to the new program in the eight-year school] O prepodavanii biologii v vos'miletnei shkole po novoi programme. Pod red. M. I. Mel'nikova. Moskva, 1961. 159 p.
"Laboratory manual on general biology," edited by V. V. Makhovko. Reviewed by I. D. Dogachev. Nauch. dokl. vys. shkoly, biol. nauki no. 2:248-250 '61.

BIOMETRY
Biological significance of polymodal curves of some plant characters [with summary in English]. V. M. Shmidt. Vest. LGU 16 no. 9 36-45 '61.

BIOPHYSICS
Tarusov, B. N. [Essentials of biophysics and biophysical chemistry] Osnovy biofiziki i biofizicheskoi khimii. Moskva, Gos. izd-vo "Vysshaia shkola." Pt. 1. 1960. 222 p.

BIRCH
Indicating value of the European blueberry (Vaccinium myrtillus L.) in various types of birch forests. V. S. Gol'tman. Sbor. nauch. rab. Bel. otd. VBO no. 1:87-91 '59.
Root systems of the black and the white alder, common birch and goat willow in natural associations. I. D. IUrkevich, V. A. Smirnova, P. E. Sorgovets. Sbor. nauch. rab. Bel. otd. VBO no. 1:156-170 '59.
Why is birch bark white? Priroda 50 no. 6:127 Je '61.

BIRDS
(see also subdivision under Ob' Valley; Sukhumi District; Telavi District; Ural Mountain region)
Influence of man's economic activity on the species distribution and biology of birds. A. A. Vinokurov. Okhr. prir. i zapov. delo v SSSR no. 6:39-51 '60.
Reasons for the death of birds in nature; according to bird-banding data. M. I. Lebedeva, T. P. Shevarova. Okhr. prir. i zapov. delo v SSSR no. 6:67-83 '60.

BIRDS—ANATOMY
Size and structure of the visual analyzer (the eye and optic lobes of the brain) of various types of birds in connection with their way of life [with summary in English]. T. A. Skvortsova. Arkh. anat. gist. i embr. 38 no. 4:34-44 Ap '60.

BIRDS—EGGS AND NESTS
Nest life of birds. Priroda 50 no. 5:75-78 My '61.
Traveling nest. T. B. Ardamatskaia. Priroda 50 no. 5: 116-117 My '61.

BIRDS—EMBRYOLOGY see Embryology—Birds

BIRDS—HABITS AND BEHAVIOR
Birds in the open and indoors. Z. D. Sizenko. Doshk. vosp. 34 no. 5:79-84 My '61.

BIRDS—MIGRATION
Geographical types of bird wintering places and some aspects of the protection of water birds in the southern seas of the U. S. S. R. V. S. Zaletaev. Okhr. prir. i zapov. delo v SSSR no. 6:52-66 '60.

BIRDS OF PREY
(see also subdivision under Biya Valley; Katun Valley)
Micromorphological examination of the esophageal receptors in predatory birds. M. S. Gan'shina. Nauch. dokl. vys. shkoly; biol. nauki no. 2:71-75 '61.

BIRSK—ACCOUNTING—STUDY AND TEACHING
Eliminate shortcomings in training accounting personnel. A. M. Galanov. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 5:57 My '61.

BISMUTH—METALLOGRAPHY

Near order and the properties of liquid bismuth. IA I. Dutchak Fiz met, i metalloved 11 no 2:290-295 F '61

BISMUTH—THERMAL PROPERTIES

Bismuth phase diagram at pressures up to 100,000 kg/cm^2 and a temperature of 500°C G kh Panova, S S Sekotan L F Vereshchagin Fiz met i metalloved 11 no 2: 215-219 F '61

BISMUTH TELLURIDE—THERMAL PROPERTIES

Heat capacity of bismuth telluride at low temperatures [with summary in English]. E S. Itskevich Zhur. eksp. i teor. fiz. 38 no 2.351-358 F '60

BITUMEN

(see also subdivision under Khibiny Mountains)

Bitumen in Iceland spar. M. E. Ramenskaia. Trudy VNIIP [MS] 3 no. 2 73-79 '60

Bitumen unit with a spray nozzle Strottel' no 4,27 Ap '61

Book about the production of bitumens. K. Kostrin. Neftianik 6 no 5:34 My '61

Determination of asphaltenes in shale bitumens K A. Kask. Izv vys ucheb zav , khim i khim tekh 4 no. 2 291-294 '61

Separation of residual shale bitumen by chromatography K. A Kask, A A Korv Izv. vys ucheb zav., khim i khim tekh 4 no. 2 294-297 '61

Study of the micro-organisms of the Minusinsk Basin in connection with the genesis of ozocerite bitumens [with summary in English]. L. D. Shturm, E. P. Rozanova. Mikrobiologiia 30 no. 1:122-129 Ja-F '61.

BITUMEN—STORAGE

Introducing electric heating of bitumen in highway maintenance sections. V. K. Galimskii. E. A. Maksin. Avt. dor. 24 no. 4:12-13 Ap '61.

BITUMINOUS MATERIALS—TESTING

Ductilimeter of simple construction. M. I. Ovechkin. Stroi. truboprov. 6 no. 2.18-19 F '61.

BITUMINOUS MATERIALS—TRANSPORTATION

Modernization of the bitumen conveyer. I. A. Faikin. Stroi truboprov. 6 no. 2 19 F '61.

BIYA VALLEY—BIRDS OF PREY

Ecology of some predatory birds of the Biya-Katun interfluve [with summary in English]. A. P. Kuchin. Zool. zhur 40 no 5:730-735 '61.

BLACK SEA—POLYCHAETA

Nutrition characteristics of the polychaete Melinna palmata Grube in the Black Sea A. L. Dragoli. Dokl AN SSSR 136 no. 4.970 973 Je '61

BLACK SEA—RED MULLETS

Shedding of eggs in batches as a specific characteristic of the red mullet (Mullus barbatus ponticus Essipov) of the Black Sea and the fecundity of this fish. L. S. Oven. Vop. ikht. no. 17:33-38 '61.

BLACK SEA—SAUREL

Biology of the saurel in the Black Sea; seasonal variations in the lipoid metabolism (May-October). A. E. Pora, D. I. Roshka, I. F. Porumb. Vop. ikht. no. 17:83-91 '61.

BLACK SEA—SCIAENIDAE

Role of sense organs in the feeding of Corvina umbra L. M. P. Aronov. Vop ikht. 1 no 1:194-199 '61

BLACK SEA—SEDIMENTS (GEOLOGY)

Characteristics of the distribution of elements in modern sediments of the Black Sea. M. A. Glagoleva. Dokl. AN SSSR 136 no. 1:195-198 Ja '61.

BLACK SEA—TERRESTRIAL ELECTRICITY

Measurement of electric fields in the sea. L. G. Solov'ev. Dokl. AN SSSR 136 no. 2:445-447 My '61.

BLACK SEA REGION—COINS, ANCIENT

"Barbarian" imitations of Roman dinars with a walking Mars type. L. N Kazamanova, V V. Kropotkin. Vest. drev. ist. no 1:128-136 '61.

BLACK SEA REGION—LANDSLIDES

Landslides along the Black Sea in the Caucasus. B. P. Bulavin. Priroda 50 no. 6:59 Je '61.

BLACK SEA REGION—PALEOGEOGRAPHY

Composition of the fauna and characteristics of the development of the Azov-Black Sea Basin in the late Quaternary period. L. A. Nevesskaia, E. N. Nevesskii. Dokl. AN SSSR 136 no 5:1193-1196 F '61.

BLACK SEA REGION—PETROLEUM GEOLOGY

Outlook for petroleum in Cretaceous sediments of the southeastern Black Sea region. V. I. Kityk. Pratsi Inst. geol. kor. kop AN URSR 2:89-99 '60.

BLADDER

Effect of various intensities of the excitation of mechanoreceptors of the urinary bladder on the striated muscles. Report No. 2: Relationship between the reaction of various muscles and the distance to the site of excitation [with summary in English]. T. S. Lagutina. Biul. eksp. biol. i med. 51 no. 3:23-28 Mr '61.

Reflex mechanisms in the regulation of bladder function [with summary in English]. T S Lagutina Fiziol zhur 46 no 2 214-223 F '60

BLADDER—BLOOD SUPPLY

Arteries of the bladder and prostate gland under conditions of collateral circulation [with summary in English] M. T. Burachinskii Arkh anat gist i embr 38 no 4:11-13 Ap '60

BLADDER—CALCULUS see Calculi, Urinary

BLADDER—TRANSPLANTATION

Comparison of the osteogenetic activity of transitional epithelium and epithelium of the gall bladder in grafts [with summary in English] A IA. Prideshtein Arkh. anat gist i embr 38 no 1 61-71 Ap '60.

BLADES

Laws of the distribution of dimension errors in machining the shank of gas turbine blades. I. G. Fridlender. Trudy Inst. mash. Sem. po toch. v mash. i prib. no. 15. 76-88 '61.

BLADES—VIBRATION

Applying Lidnard's number to the exposure of natural vibrations of blades in turbomachines N. S. Lobikov Izv. vys. ucheb. zav. ; av. tekh. 3 no. 2.128-137 '60.

BLAKE, WILLIAM, 1757-1827

The lyrics of William Blake T. N. Vasil'eva Uch. zap Kish un 30 97-117 '59.

BLAST FURNACES

(see also subdivision under Zhdanov)

Blast furnace process with the use of automatic control data on the composition of peripheral gases Z. I Nekrasov, IA. M. Obodan Trudy Inst chern. met. AN URSR 12:37-67 '60

Considerations on the behavior of powder-like materials in blast furnaces Z. I. Nekrasov. Trudy Inst. chern met. AN URSR 12:3-36 '60.

Designs and economic aspects of precast reinforced concrete bin trestles. N. I. Ponomarenko. Prom. stroi. 38 no 5:29-36 '60.

Determining the moisture content of a blast furnace blow. A. M Chernyshev, L. M. TSylev, B. A. Gessde-Kal'ye. Trudy Inst. met. no. 4.53-57 '60.

Efficient use of roasted Bakal deposit siderites in blast furnace burdening. B. A. Savel'ev, A. G. Zhunev. Stal' 21 no. 6:498 Je '61.

Investigation of the blast furnace process with introduction of liquid fuel into the hearth [with summary in English]. IU. S. Borisov, A. A. Fofanov. Stal' 21 no. 6:492-498 Je '61.

Movement of gases and materials in the blast furnace. V. I. Loginov. Metallurg 6 no. 3:6-9 Mr '61.

BLAST FURNACES—DESIGN AND CONSTRUCTION

Blowing-in of blast furnaces of a capacity of 1719 m^3. E V. Kochinev and others Metallurg 6 no. 6.3-7 Je '61.

Errors in the control of gas flow and distribution of materials in the furnace top. IU. A. Orlov. Metallurg 6 no. 6 7-9 Je '61.

BLAST FURNACES—EQUIPMENT AND SUPPLIES

Automatic control of the speed of ladle tipping in the pouring of cast iron. V. I. Beloshabskii, A. L. Shteiner. Metallurg 6 no. 5.10-12 My '61.

Equipment for taking representative average daily samples of blast furnace gas V. V. Vrublevskii Trudy Inst. chern. met. AN URSR 12:159-162 '60.

Equipment for the determination of the softening temperature of blast furnace materials. Z. I. Nekrasov, N. A. Gladkov, D. P. Eremenko. Trudy Inst. chern met. AN URSR 12:163-168 '60.

Golovnina, T. V. [Raw materials of the blast furnace process] Syrye materialy domennogo proizvodstva. [Moskva] Mosk. gos. ekon. in-t., 1959. 28 p.

Improvement of the auxiliary blast furnace equipment [with summary in English]. I. I. Korobov and others. Stal' 21 no. 5:397-402 My '61.

Increasing the durability of tapping hole and trough refractories. N. F. Slin'ko, G. I. Fedorenko. Metallurg 6 no. 5:7-9 My '61.

New equipment in nonferrous metal plants of the R.S.F.S.R. in 1961. N. I. Sheftel'. Metallurg 6 no. 5:1-2 My '61.

Single-lip cast-iron teeming and mechanization of operations at the hearth of blast furnaces. K. P. Rogovskoi. Bezop. truda v prom. 5 no. 5:25-26 My '61.

Use of fuel oil in blast furnace practice. K. V. Malikov and others. Metallurg 6 no. 5:3-7 My '61.

BLAST FURNACES—MAINTENANCE AND REPAIR

(see also subdivision under Bulgaria)

Wear of refractory linings in a blast furnace of a capacity of 1719 m^3. I. M. Galemin, N. K. Fridman. Metallurg 6 no. 6:9-12 Je '61.

BLASTING

Approximate calculation of the expenditure of energy of a wave of stresses in breaking, shifting, and deforming hard rocks. A. N. Khanukaev. Izv. vys. ucheb. zav. ; gor zhur. no 2:90-94 '60

"Boring and blasting operations" by P. IA. Taranov. Reviewed by N. S. Babichev and others. Ugol' 36 no 3, 62 Mr '61

Effective method of blasting. N. A. Ivshtopov. Gor zhur. no 3 70 Mr '60.

Efficiency of detonators I I. Slutskov, A. T Kazakov. Gor zhur no. 3, 39-41 Mr '60

High-speed drifting at the Levikha Mine A N Ogloblin Gor. zhur no 3 72-73 Mr '60

High-speed drifting at the Liebknecht Mine N I Ivanenve, N F Lupnik, G O Kuneta Gor zhur no 3: 33-35 Mr '60.

Inclined tunnel driving at the rate of 200.5 m a month. A G Onoprienko, IU I Mikhailov Gor. zhur no 3: 32-33 Mr '60

Instrument for testing condensation blasting machines. A. IA. Nekrasovskii, V. I. Starokol'tsev. Ugol' Ukr. 5 no 5:34 My '61.

Mining of steeply dipping seams in Kuznetsk Basin mines without the presence of miners. A. P. Shirokov Ugol' 36 no. 5:23-26 My '61.

Nomogram for determining the optimum diameter and number of blasting holes in cutting drifts. V. G. Simanov. Izv. vys. ucheb. zav. ; gor. zhur. no. 12:29-37 '59.

Parameters of breaking in the hydraulic removal of coal. V. A. Mazurov. Trudy Inst. gor. dela 5 32-38 '60.

Pokrovskii, G. I., and A. A. Chernigovskii. [Determining the charge for large-scale draw blasting] Raschet zariadov pri massovykh vzryvakh na vybros. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 43 p.

Short-delay blasting in sinking an inclined shaft. D. T. Kovalev. Shakht. stroi. 5 no. 4:24-25 Ap '61.

Some problems in the theory of blasting in rock and the practice of short-delay blasting in breaking ore in stopes. N. A. Evstropov, A. S. Egiazariani, I. M. Panin. Nauch. rab. stud. GNSO MGI no. 7:5-24 '59.

Technical and economic evaluation of the method of inclined slim-hole drilling in connection with blasting in open-pit mining. N. U. Turutin, A. T. Galimullin. Izv. vys. ucheb. zav., gor. zhur. no. 3:53-57 '60

BLASTING—SAFETY MEASURES see subdivision under Austria

BLEACHING

Continuous single-bath method of bleaching cotton fabrics with high-stability peroxide solutions. N. E. Fedorova, P. V. Moryganov. Izv. vys. ucheb. zav. ; tekh. teks. prom. no. 2:00-103 '61.

BLEEDING see Bloodletting

BLOK, ALEKSANDR ALEKSANDROVICH, 1880-1930

Aleksandr Blok. N. Ostmakov. V mire knig 1 no. 5: 26-29 My '61.

BLOOD

Automatic method for mixing the formed elements of the blood. P. F. Slutkin. Lab. delo 7 no. 5:61 My '61.

Biochemical composition of the amniotic fluid and blood in mother and fetus in various stages of pregnancy [with summary in English]. A. M. Sozonskii. Biul. eksp. biol. i med. 51 no. 3:64-67 Mr '61.

Blood picture in lead poisoning. A. T. Aldamazarov, V. S. Nikulicheva, B. A. Alchabarov. Trudy Inst. kirnov. pat. AN Kazakh. SSR 8:143-150 '60.

Changes in some hemodynamic indexes during various types of anesthesia. L. M. Frumina. Trudy 1-go MMI 3:83-102 '57.

Changes in the blood system in connection with denervation of the duodenum [with summary in English]. R. A. Durinian. Biul. eksp. biol. i med. 50 no. 10:53-58 O '60.

Effect of corticosteroid therapy on serum proteins, blood cholesterol and eosinophil count in various allergic diseases E. M. Abdel'vakhab Probl. endok. i gorm. 7 no. 2:56-62 Mr-Ap '61.

Hematological patterns in laboratory animals (cats and rabbits) and principles of their formation. S. A. Seleznev, I. A. Il'inskii, O. P. Kharaborova. Fiziol. zhur. 47 no 5.650-654 My '61

Hemodynamics in potentiated anesthesia. V. D. Malyshev. Akt. vop. obezbol. no. 2:48-52 '59.

Hemopoiesis and the amount of vitamin B_{12} in dogs following gastrectomy, and in experimental hepatitis [with summary in English]. O. A. Korolenko. Biul. eksp. biol. i med. 50 no. 10:48-53 O '60.

Influence of stimulation of the mechanoreceptors in the gastrointestinal tract on some blood indexes at high temperature. R. T. Vakhidova. Med. zhur. Uzb. no. 4: 31-34 Ap '61.

Some biochemical changes in the blood during various types of anesthesia. B. S. Rabinovich. Trudy 1-go MMI 3:185-192 '57.

"Use of dry blood for bacteriological diagnosis of diphtheria" by Z. I. Galunina, E. V. Razzhivina. Lab. delo 7 no. 5:57 My '61.

BLOOD—AGGLUTINATION

Agglutination reaction in patients with coli infection with special reference to age and clinical characteristics. G. A. Timofeeva. Pediatriia no. 5:43-47 '61.

BLOOD — AGGLUTINATION (Continued)

Dynamics of Vi-, O and H-agglutination in patients with typhoid fever treated with antibiotics [with summary in English] A IA Ukhov. Antibiotiki 6 no 4 334-338 Ap '61.

BLOOD—ANALYSIS AND CHEMISTRY

Electrocorticographic representation of chemical changes in the internal environment of the organism N E Vasilevskaia Fiziol zhur 47 no 3:310-315 Mr '61

BLOOD—CIRCULATION

Change in the relationship of respiratory and circulatory functions during ontogeny as affected by different factors. S M Ksents Uch zap TGU no 36 229-239 '60

Correlation of the basic and vasomotor components of vascular resistance in certain organs V. M Khaiutin. Dokl. AN SSSR 136 no. 2 488-491 My '61.

Effect of pulmonary ventilation on the lesser circulation. V. V. Parin. Pat fiziol i eksp terap 4 no 4 7-13 Jl-Ag '60.

Gas exchange and hemodynamics in experimental portal hypertension with ascites [with summary in English]. G. I. Markovskaia. Pat fiziol i eksp terap 4 no. 4 26-32 Jl-Ag '60.

Interrelation of reflex changes in the general and local blood circulation [with summary in English]. V. V. Frol'kis, I. V. Shchegoleva. Biul eksp. biol. i med. 50 no. 10 7-12 O '60.

Mechanisms of reflex responses in respiration and blood circulation caused by the intravascular injection of certain substances [with summary in English]. V. I Grachev. Biul. eksp. biol. i med. 51 no. 1 18-22 Ja '61.

Studies on pulmonary circulation in patients with mitral defects of the heart. E. N Meshalkin, I. N. Meshalkin, M. L. Shik. Terap. arkh. 33 no. 4 18-26 '61.

BLOOD—CIRCULATION, ARTIFICIAL

Pneumatic drive for the pump in an apparatus for artificial circulation. A V Trubetskoi. Pat. fiziol. i eksp terap. 5 no. 2. 70-71 Mr-Ap '61

BLOOD—CIRCULATION, DISORDERS OF

Disorders of respiratory and circulatory function in chronic fibrous-cavernous pulmonary tuberculosis and their pathogenesis [with summary in French]. G. I. Kositskii and others. Probl. tub. 38 no. 3 75-83 '60.

Intra-arterial injection of blood as a method of controlling hemodynamic disorders in potentiated anesthesia. T. P. Makarenko, V. D. Malyshev. Akt. vop. obezbol. no. 2:165-170 '59.

Pancreatic function in patients with circulatory insufficiency. L V. Kozlovskii. Zdrav. Belor. 6 no. 4 30-34 Ap '60.

BLOOD—COAGULATION

Blood coagulation in atherosclerosis. K. G. Urbaniuk. Klin. med. 39 no. 5 44-48 My '61.

Blood coagulation in vitamin C deficiency. Report No. 2: Change in the prothrombin and thrombotropin concentration and causes of decreased thromboplastin activity of the blood vitamin C deficiency in guinea pigs [with summary in English]. G. V. Andreenko, N. P. Sytina. Biul. eksp. biol. i med. 49 no. 3.30-35 Mr '60.

Blood coagulation in vitamin C deficiency. Report No. 3: Influence of vitamins C, P, B_{12}, K, and folic acid on the thromboplastic activity of the blood of guinea pigs with vitamin C deficiency [with summary in English]. G. V. Andreenko, N. P. Sytina. Biul. eksp. biol. i med. 50 no. 10:46-48 O '60.

Clinical study of phenylin in patients with cardiovascular diseases [with summary in English] N. K Valeiko, E D Shmidt Terap arkh 31 no 4 52-55 Ap '59

Comparative investigation of infusions from the Zeravshan, tomentous, and inebrians varieties of Lagochilus on blood coagulability in dogs. T. R. Abdurakhmanov. Med zhur Uzb. no 3 72-74 Mr '61.

Determining the thromboplastic activity of blood by a simplified method Sh. B. Kuliev. Dokl AN Azerb. SSR 17 no. 3:249-252 '61.

Effect of monomycin on the peripheral blood in rabbits and guinea pigs [with summary in English]. T P Vertogradova Antibiotiki 6 no. 2:126-127 F '61.

Effect of strophanthin, euphylin and certain diuretics on blood coagulation in patients with circulatory insufficiency [with summary in English]. M. A Kharkharov. Terap. arkh. 31 no 4 46-52 Ap '59

Effect of vitamin B_{12} on the amount of cholesterol, phospholipids, and prothrombin in the blood serum and on blood coagulation in patients with atherosclerosis. L. N. Ignatova. Klin. med. 39 no. 5:49-52 My '61.

New method for determination of blood coagulation time. A. V. Khokhlov. Probl. gemat. i perel. krovi 5 no. 3:58-9 Mr '60.

On the physiological anticoagulating system and experimental prethrombotic state of the organism. B. A. Kudriashov and others. Vest. Mosk. un Ser. 6 Biol., pochv. 16 no 2 3-23 Mr-Ap '61

Role of vascular spasm in disorders of the anticoagulation system of the blood [with summary in English]. E. I. Chazov. Biul. eksp. biol. i med. 49 no. 3:21-26 Mr '60.

Significance of blood coagulation in the mechanism of snake venom poisoning [with summary in English] Z. S. Barkagan, B. V. Polushkin Pat. fiziol i eksp terap 4 no. 2:48-54 Mr-Ap '60

Significance of the proconvertin test in the initial stages of Botkin's disease in children K K. Makarenko. Pediatriia no. 5 23-26 '61

Some characteristics of blood coagulation in frogs. IA. I. Zaidkr, R A Dulitskaia Fiziol zhur 47 no 3:336-340 Mr '61

Some data on the change of blood coagulation factors in leukemias [with summary in English, p. 62]. M. A. Kotovshchikova, Z. D. Fedorova. Probl. gemat. i perel. krovi 5 no 3 29-32 Mr '60.

BLOOD—COLLECTION AND PRESERVATION

Influence of carbohydrates on the erythrocytes of the blood stabilized with natrog (sodium 2, 3, 4-trioxyglutaricoeid) [with summary in English, p. 62]. P. S. Vasil'ev, M. M. Rudashevskaia. Probl. gemat. i perel. krovi 5 no. 3:39-43 Mr '60.

Influence of glycocol on the survival of erythrocytes in preserved blood and in an erythrocytic suspension, as revealed by experimental and clinical material [with summary in English, pp. 62-63] M. I. Sakharov and others. Probl. gemat. i perel. krovi 5 no. 3:43-52 Mr '60.

Method of obtaining blood from white rats [with summary in English]. L. G. Kovtunovich, E. A. Shablovskaia. Biul. eksp. biol. i med. 50 no. 7.117-120 Jl '60.

BLOOD—DISEASES

"Disorders of the blood" [in English] by L. E. H. Whitby, C. F. C. Britton. Reviewed by IU. I. Lorie. Probl. gemat. i perel. krovi 5 no. 2:58 F '60.

Globin/heme coefficient, globin capacity of erythrocytes, and globin index in various hematological diseases. L. I. Mikheeva. Probl. gemat. i perel. krovi 5 no. 2: 18-20 F '60.

Immediate problems in the study of blood diseases in children A F. Tur. Vest AMN SSSR 15 no 3 15-19 '60.

Serotonin (5-oxytryptamine) content of the blood in various hematological diseases [with summary in English]. G. A. Chernov, L. D. Orlova. Probl. gemat. i perel. krovi 5 no. 2 21-28 F '60.

BLOOD—EXAMINATION

Effect of gangliolytic substances on the chemical composition of the liver and blood in total fasting [with summary in English]. I. A. Dzhevetskaia. Pat fiziol. i eksp. terap. 5 no. 2:45-49 Mr-Ap '61.

Influence of carbon dioxide on the amount of ammonia, glutamine, and urea in the blood of animals following the administration of an ammonium chloride solution [with summary in English]. N. B Kozlov. Biul. eksp. biol. i med. 50 no. 10 73-76 O '60.

Phase contrast microscopy in hematological practice. TS. S. Makalatiia. Lab. delo 7 no. 5:24-27 My '61.

BLOOD—SEDIMENTATION

Comparative evaluation of certain features of the organism in pulmonary tuberculosis; based on data on the tuypan blue skin test, erythrocyte sedimentation reaction, and the determination of lymphocytes and monocytes. TS. M. Rabinovich. Probl. tub. 38 no. 4: 77-82 '60.

BLOOD—SERUM see Serum

BLOOD—TRANSFUSION

Anti-A and anti-B isoimmune antibodies and their role in blood transfusion and in pregnancy [with summary in English, p. 62]. T. M. Novachenko. Probl. gemat. i perel. krovi 5 no. 2:29-34 F '60.

Changes in the cerebral circulation produced by intra-arterial infusion of blood during the restoration of life processes [with summary in English]. G. I. Mchedlishvili Pat. fiziol. i eksp. terap 4 no. 4:14-20 Jl-Ag '60.

Complications following blood transfusion, their prevention and treatment. G. N. Akzhigitov. Med. sestra 20 no. 4:21-25 Ap '61.

Effect of ischemotransfusion on the metabolism of adrenergic substances in the brain and effector organs [with summary in English]. R. M. Glants. Biul. eksp. biol. i med. 49 no. 2.77-80 F '60.

Influence of plasma transfusion on the protein composition of the blood in chronic diseases of the intestines and liver. G. S. Levin. Pat. fiziol. i eksp. terap. 5 no. 2:64-66 Mr-Ap '61.

BLOOD AS FOOD OR MEDICINE

Intra-arterial injection of blood as a method of controlling hemodynamic disorders in potentiated anesthesia. T. P. Makarenko, V. D. Malyshev. Akt. vop. obezbol. no. 2:165-170 '59.

Medicaments obtained from blood. M. Popovskii. Znan. sila 36 no. 5:18-19 My '61.

Use of different methods of hemotherapy for the treatment of anemias in the district hospital. G. N. Kalugina. Med. zhur. Uzb. no. 4:44-46 Ap '61.

BLOOD CELLS

Effect of monomycin on the peripheral blood in rabbits and guinea pigs [with summary in English]. T. P. Vertogradova. Antibiotiki 6 no. 2:126-127 F '61.

Effect of stimulation of the mechanoreceptors of the stomach on the hematopoietic property of gastric juice. A. I. Karaev, A. K. Musaeva. Fiziol zhur. 47 no. 5: 617-623 My '61.

Experimental data on the effect of aminazin on the peripheral blood, cardiovascular system, and diuresis [with summary in English]. A P. Belova and others. Antibiotiki 5 no. 2 14-50 Mr-Ap '60

Study of a megakaryocytogram (on the problem of method in calculating megakaryocytes). I. L. Gol'dman. Lab. delo 7 no. 5 29-33 My '61.

BLOOD DONORS

Character of resorption curves after iron loading in donors [with summary in English, p. 62]. E. A. Gulaiev. Probl. gemat. i perel. krovi 5 no. 2:45-51 '60.

On the problem of the gamma globulin content of blood serum of donors (electrophoretic and turbidimetric determination [with summary in English, p. 63]. I. I. Raikher and others. Probl. gemat. i perel. krovi 5 no. 2:52-54 F '60.

BLOOD PLASMA

Secretory and motor function of the stomach in peptic ulcer patients following plasmotherapy. N. M. Matsnaeva, A. IU. Tilis. Med. zhur. Uzb no. 11:50-56 N '60.

Value of the determination of the thromboplastic activity of plasma in surgery. V. G. Morozov. Lab. delo 7 no. 5 14-16 My '61.

BLOOD PLASMA SUBSTITUTES

Plasma substitute properties of aminopeptide hydrolysate in the treatment of acute massive hemorrhages in animals. N. R Doriana Pat. fiziol i eksp terap 4 no 2 67-68 Mr-Ap '60

BLOOD PLATELETS

Energy metabolism of thrombocytes [with summary in English]. N. B. Chernak, M. B Sventsitskaia, Ch. S Guseinov. Biul. eksp. biol i med. 49 no. 3 51-54 Mr '60.

Thrombocytic blood coagulation factors. M. S. Machabeli. Terap. arkh. 33 no. 4.5-12 '61.

Thrombocytogram of people in the 40-70 age bracket. V. A. Germanov. Lab. delo 7 no. 5 27-29 My '61.

BLOOD PRESSURE

Blood pressure in the diagnosis of otogenous intracranial complications [with summary in English] L. K. Mal'kevich. Zhur. ush., nos i grol. bol. 2 no. 1 64-66 Ja-F '60.

Changes in arterial pressure in patients with laryngeal cancer in operations on the neck under potentiated local anesthesia. M. I. Svetlakov, A. A. Kravchenko, V. I. Karpukhin. Akt. vop. obezbol. no. 2, 192-194 '59.

Changes in cardiac output and general peripheral resistance following obstruction of the coronary artery [with summary in English]. A V. Vinogradov, L. I. Dmitrieva. Biul. eksp. biol. i med. 50 no. 7:27-31 Jl '60.

Chemical composition of leaves and bark of Eucommia ulmoides Oliv cultivated in Azerbaijan and the effect of galenicals derived from it on the cardiovascular system R K. Aliev and others Uch zap AGU. Biol. ser. no. 4 57-64 '60.

Conditioned reflex changes in human blood pressure in response to the temporary stimulus of muscular work A. S. Dmitriev, R. IA. Shikhova Nauch dokl vys shkoly, biol nauki no. 2:93-97 '61

Effect of the nature of work on arterial pressure in human subjects under Arctic and Antarctic conditions. N. R. Pavlov. Klin. med. 39 no. 5 72-77 My '61.

Mode of action of acetylcholine on the pulmonary blood circulation [with summary in English]. A. I. Khomazfuk, A. A. Moibenko. Biul. eksp. biol. i med 51 no. 2:3-9 F '61.

Neural and hormonal disorders in blood pressure regulation [with summary in English] V. Raab Terap arkh. 31 no. 4 30-33 Ap '59.

Origin of respiratory waves of arterial pressure [with summary in English]. IA. L. IAnovi. Pat. fiziol. i eksp. terap. 4 no. 4:57-61 Jl-Ag '60.

Reflex response in blood circulation and respiration produced by antigen contact with chemoreceptors of the skeletal muscles [with summary in English] G. A. Erzina Pat. fiziol i eksp. terap 4 no 2 37-41 Mr-Ap '60.

Reflexes from the interoceptors of the sigmoid sinus of the dura mater [with summary in English]. G. M. Starikov. Zhur. ush., nos, i grol. bol. 20 no. 1 59-63 Ja-F '60.

Venous pressure in experimental inflammation [with summary in English]. I. M. Zaalishvili Pat fiziol. i eksp. terap. 5 no. 2:32-35 Mr-Ap '61.

Venous pressure in lead intoxication. Sh. S. Sabdenova. Trudy Inst. kraev. pat. AN Kazakh. SSR 8:174-177 '60.

BLOOD PROTEINS

Amount of protein and protein fractions in encephalomyelitis and multiple sclerosis [with summary in French] L. L. Kucherova, L. B. Klebanova Zhur. nevr. i psikh. 60 no. 11:1458-1463 '60.

Blood protein fractions in brucellosis patients following treatment with antibiotics, vaccine, and hormone preparations. IU. N. Gurskii, IU. F. Shcherbak. Lech. infekts. bol'. no. 4:219-228 '60.

Blood protein fractions in immunological and drug therapy. Z. M Vasserman, B T. Temirova Sbor trud. Uz. nauch.-issl tub. inst 3 24-31 '57.

Blood protein fractions in otogenic intracranial complications [with summary in English]. G. A. Feigin. Vest. otorin. 22 no. 1:32-38 Ja-F '60.

BLOOD PROTEINS (Continued)

Changes in the protein composition of blood plasma following clinical death caused by hemorrhage M G Kolpakov Dokl AN SSSR 138 no 1:979-981 Je '61

Changes in the protein-lipoid composition of the blood serum in rabbits under strained conditioned-reflex activity P.S.Khomulo. Pat.fiziol.i eksp terap 4 no.4 67-74 Jl-Ag '60

Changes in the protein-nitrogen substances of the blood in various clinical forms of Botkin's disease. K I Gomelauri. Soob. AN Gruz.SSR 24 no 1 31-35 Ja '60.

Disorders of protein and carbohydrate metabolism in pulmonary tuberculosis as an index of exacerbation and subsidence of the disease. N. M. Rudol. Probl.tub. 38 no.4:70-77 '60.

Dynamics of blood protein fractions in infectious diseases(erysipelas, dysentery, typhus and typhoid fever) A.V.Eremenko. Lech.infekts.bol' no 3:126-139 '57

Dynamics of the blood protein fractions in typhoid fever in children F Kh Nazarmykhamedov. Med zhur. Uzb no 3 37-42 Mr '61

Effect of hypothermia on agglutinin production and on changes in blood serum protein fractions during vaccination [with summary in English] V. I Andrieichenko, L. IA Danilova Pat fiziol. i eksp terap 4 no.2 32-37 Mr-Ap '60

Electrophoretic and immunochemical study of the protein components of the blood serum in guinea pigs in the development of Brucella infection [with summary in English]. M. V. Ispolatovskaia, O. A Bakaeva, N. N. Ostrovskaia. Biul eksp biol i med. 49 no.3.46-50 Mr '60.

Electrophoretic investigation of serum proteins producing passive anaphylaxis [with summary in English] IU S Tatarinov Biokhimiia 25 no 2 306-309 Mr-Ap '60

Immunological characteristics of serum proteins. Report No. 1 Reproduction of anaphylaxis by isolated fractions of blood serum proteins [with summary in English] IU. S Tatarinov Biul. eksp. biol i med 50 no. 10 97-100 O '60.

Influence of high altitudes on the protein composition of human blood [with summary in English]. E. P. Smolichev. Biul. eksp. biol. i med. 50 no. 10.78-82 O '60.

Influence of plasma transfusion on the protein composition of the blood in chronic diseases of the intestines and liver. G.S. Levin. Pat. fiziol. i eksp. terap. 5 no. 2:61-66 Mr-Ap '61.

Method for determining C-reactive protein. P. M. Pashinin. Lab.delo 7 no. 5:3-8 My '61.

Possibility of obtaining electrophoretically homogeneous serum protein fractions through partition by salts [with summary in English]. A. S. Volynskii, K. Kh. Khadzhiev. Biokhimiia 26 no. 2:217-220 Mr-Ap '61.

Protein fractions and glycoproteins in the blood serum in pulmonary tuberculosis [with summary in French]. R. A. Ioffe. Probl. tub. 38 no. 3.94-100 '60.

Study of protein fractions by means of paper electrophoresis in infectious hepatitis following treatment with methionine. P.G. Tkachev. Lech. infekts. bol', no. 3 71-80 '57.

Study of terminal and middle amino groups in native and denatured human serum albumin [with summary in English] N N. Mel'teva and others Biokhimiia 25 no 2 255-261 Mr-Ap '60.

Study of the serum proteins by the method of paper electrophoresis in patients with endemic goiter and echinococcosis. I. K. Akhundaev, IU A Volokh Khirurgiia 37 no. 5:79-81 My '61

BLOOD SUGAR

Disorders of protein and carbohydrate metabolism in pulmonary tuberculosis as an index of exacerbation and subsidence of the disease. N. M. Rudol. Probl. tub. 38 no. 4:70-77 '60.

Effect of sulfur dioxide in the air on certain biochemical indicators of human blood [with summary in English]. E. V. Efimova, V. S Shashkov. Gig i san. 25 no. 3 18-22 Mr '60.

BLOOD VESSELS

Anatomical studies on the capacity of the arterial and venous of various human organs [with summary in English]. A M. Geselevich. Arkh anat gist. i embr. 38 no. 4:3-10 Ap '60

Cannula and clamp for lymph and blood vessels. V. S. Kupriianov Fiziol. zhur. 47 no. 3;403-404 Mr '61.

Characteristics of the vasodilative action of acetylcholine on the peripheral vessels and arterio-venous anastomoses in the ear of white mice [with summary in English]. I. D. Gebevanishvili, T. V. Begiashvili. Pat. fiziol. i eksp. terap. 4 no. 4:21-25 Jl-Ag '60.

Factor of permeability of the vessels in the treatment of chronic brucellosis. IU. F. Shcherbak. Lech. infekts. bol'. no. 4;296-305 '60.

Functional state of interoceptors and central links of the reflex arc of vascular reflexes in hypothermia. M. A. Kondratovych. Fiziol. zhur. [Ukr.] 7 no. 3:424-431 My-Je '61.

Investigation of the tissue blood flow by means of tagged atoms in patients with infectious hepatitis treated with various drugs. T. F. Pal'tseva. Lech. infekts. bol', no. 3:81-89 '57.

Irradiation of respiratory impulses to the vascular system in disorders of nervous activity K V. Strokova Pat. fiziol i eksp. terap 5 no 2 63 Mr-Ap '61

Method for the studying tone in peripheral areas of the vascular bed in intact animals [with summary in English]. IU M. Gel'perin. Biul. eksp. biol i med. 51 no. 1:110-112 Ja '61.

Oscillographic index as an indicator of vascular tonus G. M. Voitenko, K V Sin'kovskaia. Klin. med. 39 no. 5. 30-31 My '61.

Reactivity and plasticity of the vascular wall and the endocardium [with summary in English]. S. I Shchelkunov Arkh anat. gist i embr. 40 no 4 80-86 Ap '61

BLOOD VESSELS—DISEASES

Effective methods of treatment for obliterating diseases of the peripheral vessels under ambulatory conditions A. T Lidakil Khirurgiia 37 no. 5:3-7 My '61

Lesions of the adrenal cortex in thromboangiitis. Z. L. Gordon. Klin med. 39 no. 5:80-86 My '61.

Plenary sessions of the Leningrad Society of Psychiatrists and Neuropathologists in the first half of 1956 S I. Kogan Vop psikh i nevr no 5.291-295 '59

The quality of diagnostics of some vascular diseases V. Vdovin Sots. obesp. 22 no 5:30-31 My '61.

BLOOD VESSELS—INNERVATION

Mechanism of change in chemoreceptors of the blood vessels in reflex adaptation [with summary in English]. V. V. Fiol'kis, Z. I. Bushmakina, I. V. Shchegolova. Biul. eksp biol. i med. 51 no. 1:8-11 Ja '61.

Method of electrostimulation of the vascular receptors [with summary in English]. P. F. Konovalov. Biul. eksp. biol. i med. 51 no. 1.115-116 Ja '61.

Morphology of vascular baroreceptors in dogs after clinical death [with summary in English]. E. B. Khaisman, T. N. Grozdova. Biul. eksp. biol. i med. 51 no. 3:110-116 Mr '61.

BLOOD VESSELS—RADIOGRAPHY see Angiography

BLOOD VESSELS—SURGERY

Doctor Khodiev is operating. M. IAroviuskii. Uzbekiston 18 no. 12 23 D '59.

Fibrin muff for joining blood vessels without sutures [with summary in English, p. 62]. T. Bednarik and others. Probl. gomat. i perel. krovi 5 no. 2:39-42 F '60.

Plastic prostheses in the surgical treatment of aneurysm of the peripheral vessels. B. V. Petrovskii, O. B. Milonov, V. S. Krylov. Khirurgiia 37 no. 5 7-12 My '61.

Plasticity of blood vessels following their multiple ligation [with summary in English]. B A Dolgo-Saburov, R. A. Bardina. Arkh. anat. gist. i embr. 40 no 4 20-27 Ap '61.

BLOOD VESSELS—TRANSPLANTATION

Suitability of preserved blood vessels stored in a vacuum D. A. Donetskii. Khirurgiia 37 no. 5:113-115 My '61

BLOOD VESSELS—TUMORS

Case of Barre-Masson disease. B. G. Pecherskaia. Khirurgiia 37 no. 5:121 My '61

Case of Barre-Masson disease. S. N. Muratov Khirurgiia 37 no. 5:120 My '61.

Five cases of Barre-Masson disease V. A. Makarenko. Khirurgiia 37 no. 5:117-118 My '61.

Glomus tumors (Barre-Masson disease). Kh. Kh. T'Soner. Khirurgiia 37 no. 5:118-120 My '61.

BLOODLETTING

Bloodletting. M. I. Lovin. Med. sestra 20 no. 4:26-33 Ap '61.

BLUEBERRIES

Indicating value of the European blueberry (Vaccinium myrtillus L.) in various types of birch forests. V. S. Gel'tman. Sbor. nauch. rab. Bel. otd. VBO no. 1:87-91 '59.

BOARDING SCHOOLS

(see also subdivision under Atkarsk; Ordzhonikidze District; Pruzhany District; Tajikistan)

In boarding schools there is much activity. B. Leonidov. Komsom. zhizn' no 9.25-27 My '61.

Let's strengthen the contact of boarding schools with the community. K. Mel'nikova. Nar. obr. no. 5:61-63 My '61.

BOARDING SCHOOLS—BIBLIOGRAPHY see Bibliography—Boarding schools

BOARDING SCHOOLS—CONGRESSES

Second all-Russian conference on theory and practice dedicated to boarding schools. Sov. pedag. 25 no. 5. 159-160 My '61.

BOATBUILDING

On an air cushion. V. Azornikov. Nauka i zhizn' 28 no. 4:65-66 Ap '61.

BOATS AND BOATING

Call of sky blue waters. IUn. tekh. 6 no. 5:35-36 My '61.

Unruffled pools of Seliger. E. Simonov. Ogonek 39 no. 22:18-19 My '61.

BOCH, SERGEI GENNADIEVICH, 1905-1956

Sergei Gennadievich Boch, brief sketch of his life and work [ ] Krasnov Mat. VSEGEI, Chet geol i geomorf no. 2,10-18 '59

BODY TEMPERATURE

Change in the electrical activity of the brain and the "thermoregulatory tonus" of muscles in hypoxia. K P Ivanov Fiziol zhur 47 no 2 210-216 F '61

Changes in skin temperature in vestibular irritations [with summary in English]. B. A. Nakhapetov Vest. otorin. 22 no. 1:25-28 Ja-F '60.

Changes in the physical thermoregulation of human subjects during acclimatization to extreme northern conditions [with summary in English] I S Kandror Gig i san 25 no 3 6-12 Mr '60

Electrical thermometer for measuring skin temperature [with summary in English] V V. Tret'iakov, P. A. Ondrul Biul. eksp. biol. i med 51 no. 2:115-116 F '61

Functional conditions of the reflex apparatus in deep hypothermia N V Alfshev Fiziol zhur 47 no 3 362-366 Mr '61

Further observations on thermoregulation in decerticate animals L I Gorbatsevich Fiziol zhur 47 no 5 598-604 My '61

Thermoregulation in the human body under the climatic conditions of high northern latitudes [with summary in English]. N.I. Bobrov. Gig.i san 25 no 7 26-31 Jl '60.

BODY TEMPERATURE—REGULATION

Calculation and measurement of the heat flow passing through the skin in sudden cooling G D Latyshev Vop. kur , fiziotet i lech. fiz. kul't 26 no. 1 64-67 '61

Role of nonphosphorylating oxidation in thermoregulation [with summary in English]. V. P Skulachev, S P Manulov Biokhimiia 25 no 6-1055-1061 N-D '60

BOGDANOVICH—REFRACTORIES INDUSTRY—ACCOUNTING

Simplifying original accounting for labor A Zhukov, A. Pashko Bukhg uchet 18 no 5 17-19 My '61.

BOGODUKHOV DISTRICT—COOPERATIVE SOCIETIES

There are potentialities! S Zharkov, B. Khvostov. Sov. potrob. koop. 5 no. 5,21-30 My '61.

BOGOLEPOV, NIKOLAI KIRILLOVICH, 1900-

N. K. Bogolepov, on his 60th birthday. Zhur. nevr. i psikh 60 no. 11:1552-1553 '60

BOGOMOLETS, ALEKSANDR ALEKSANDROVICH, 1881-1946

A. A. Bogomolets as an outstanding scientist, philosopher, and public man O. P. Makarchenko Fiziol. zhur. [Ukr.] 7 no. 3 301-310 My-Je '61.

A. A. Bogomolets's theories in the field of the etiology and pathogenesis of cancer and the state of these problems in modern oncology. R. IE. Kavetskyi. Fiziol. zhur. [Ukr.] 7 no. 3.311-317 My-Je '61.

Development of A. A. Bogomolets's theory of the physiological system of connective tissues and "collagenosis" O. I. Smyrnova-Zamkova, M. V. Mel'nychenko Fiziol. zhur. [Ukr.] 7 no. 3:333-342 My-Je '61.

Outstanding scientist and research organizer; on the 60th anniversary of Academician A A Bogomolets's birth O. V. Palladin. Fiziol. zhur. [Ukr.] 7 no. 3 299-300 My-Je '61.

Significance of A. A. Bogomolets's theories for further development of the study of longevity and aging. IU. O. Spasokukots'kyi. Fiziol. zhur. [Ukr.] 7 no. 3:343-351 My-Je '61.

Significance of A.A.Bogomolets's theories for the development of problems of modern endocrinology. V.P. Komisarenko. Fiziol. zhur. [Ukr.] 7 no. 3:318-326 My-Je '61.

BOGOMOLETS, SOF'IA NIKOLAEVNA

Revolutionary activities of Sof'ia Nikolaevna Bogomolets. Fiziol. zhur. [Ukr.] 7 no. 3:337 My-Je '61.

BOIKO, GRIGORII FILIPPOVICH

Works of Grytsko Boiko for children. V. Savenko. Doshk. vykh. 22 no. 5:41-42 My '61.

BOILERS

Aleksandrov, V. G. [Problems concerning the design of boilers with medium and small evaporative capacities] Voprosy proektirovaniia parovykh kotlov srednei i maloi proizvoditel'nosti. Moskva, Gos. energ. izd-vo, 1960. 232 p.

Automating the temperature signaling protection in a boiler department. V. N. Shenderovich. Energetik 9 no. 5:14-17 My '61.

Dependence of the efficiency of a boiler unit on the feed water temperature. A. V. Zmachinskii. Elek. sta. 32 no. 5:5-7 My '61

Effect of the nature of a steam-water mixture on the hydrodynamic resistance characteristics of circulating networks of steam boilers E. I. Sukharev Elek. sta 31 no. 12:34-37 D '60.

Low capacity high pressure heater of fuel oil. N. S Saenko. Sakh. prom 35 no. 5.30 My '61.

BOILERS (Continued)

Maksimov, V. M. [Boiler units with a large evaporative capacity; design and construction] Kotel'nye agregaty bol'shoi paroproizvoditel'nosti, raschet i konstruktirovanie. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 430 p.

Modernization of the ShB-A5 steam boiler. V. I. Kulachkov. Energetik 9 no. 5:7-9 My '61

Morning start-up of a boiler-turbine unit. A. G. Prokopenko, V. N. Shvets, A. V. Shcherbina. Elek. sta. 32 no. 5 3-4 My '61

New designs for heating boilers [with summary in English, p. 78]. M. M. Pilatskin, L. M. Bukhar. Visnyk AN URSR no. 1:43-50 '61.

New steam and hot water generator for the technical needs of agriculture. S. IU. Keller. Visnyk sil'khozn. nauky 4 no. 1 13-16 Ap '61

Prospects for the development of blast-draft machines. I. M. Gotgelf, S. N. Postolovskii. Elek. sta. 31 no. 12 20-24 D '60.

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Engineering regulations SN 101-60 for the installation of boiler equipment] Tekhnicheskie usloviia na montazh kotel'nogo oborudovaniia SN 101-60. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 56 p.

Study of the supply of Kibasuz coal dust by different coal dust feeding systems. A. T. Lozovskii, B. N. Murav'ev. Elek. sta. 31 no. 12 25-30 D '60

Temperature field of the brickwork of semisubmerged water walls in steam boilers [with summary in English] V. V. Mitor. Inzh.-fiz. zhur. 4 no. 5 69-73 My '61

TGM-84 boiler unit. Energetik 9 no. 5:39-40 My '61.

Two-stage steam washing in once-through boilers. A. L. Rychkovskii, A. D. Faershtein. Elek. sta. 31 no. 12 40-44 D '60

Use of a pneumatic controller for regulating the water level in a boiler drum. IA. S. Kirshenbaum. Energetik 9 no. 5:17-18 My '61.

BOILERS—INCRUSTATIONS

Crystallization on heat transmitting walls in a circulating boiling liquid. IA. D. Averbukh, M. A. Ivakina. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 2 326-327 '61.

BOILERS—LAWS AND REGULATIONS

Limit water level in steam boilers. L. B. Sigalov. Bezop. truda v prom. 4 no. 5:34 My '60.

Prevent steam boiler accidents caused by low water. N. A. Lisunov. Bezop. truda v prom. 4 no. 5:18-19 My '60.

BOILERS—SAFETY APPLIANCES

New loop-type water seal. A. M. Massover, L. P. Petukhov. Bezop. truda v prom. 4 no. 5:29 My '60.

BOILERS—SAFETY MEASURES

Increase the operating safety of high-pressure boiler units. L. B. Sigalov. Bezop. truda v prom. 5 no. 5:3-4 My '61.

BOILERS—WELDING

Thermal treatment of the joints of the boiler headers during installation operations. G. V. Poliashevskii, K. IA. Nechitailo. Energetik 9 no. 5:9-10 My '61.

BOILERS, MARINE

Automatic control of the feed-water supply to steam boilers. E. Shumkov. Rech. transp. 19 no. 3:24-26 Mr '60.

Fireboxarrangements in marine steam boilers" by N. Kuznetsov, M. Lebedev. Reviewed by V. Veretennikov. Mor. flot 21 no. 5:45 My '61.

...ILERS, MARINE—CLEANING

...ld methods of cleaning steam boilers and anchor chain. ...Orlov. Rech. transp. 20 no. 5:33-35 My '61.

...tblishing norms for boiler cleaning operations on ...ips. A. Gol'denfen, R. Taranenko. Mor. flot 21 no. 5: ... My '61.

...GRAD DISTRICT—INFANTS—CARE AND HYGIENE

...alth education on the protection of mothers and children in a district. I. O. Bender, N. P. Frinis. Ped., ...ushs. i gin. 22 no. 4:35 '60.

...IVIA—DESCRIPTION AND TRAVEL

Bolivia. Leonid Sobolev. Znamia 31 no. 5:137-167 ...y '61.

...OMETER—TESTING

...sting unit for determining parameters of receivers of ...ent radiation. A. F. Mal'nev, L. S. Kromenchugskii. ...zm. tekh. no. 6:26-30 Je '61.

...'SHAYA RECHKA—WHITEFISHES

...e whitefish Coregonus nasus Pallas as an object of ...cclimatization. V. A. Krasikova, O. L. Ol'shanskaia. ...op. ikht. no. 17:115-121 '61.

...SHAYA YASHKA—MANGANESE ORES

...igin of manganese ores in the Yashka limestone de...osit. K. I. Aleksandrov, A. V. Gol'bert. Geol. i geof. ... 1:115-117 '61.

...HEVISM see Communism

BOL'SHEZEMEL'SKAYA TUNDRA—GEOLOGY, STRATIGRAPHIC

Recent data on the stratigraphy of the upper Devonian in the eastern part of the Bol'shezemel'skaya Tundra. G. A. Chernov. Dokl. AN SSSR 136 no. 1 183-186 Ja '61

BOL'SHIYE GALASHKI REGION—FIELD MICE

Materials on murine rodents of the Visim region, Sverdlovsk Province. M. IA. Marvin. Uch. zap. UrGU no. 31 74-90 '59.

BOL'SHOY TOKMAK DISTRICT—ANTIQUITIES

Burial mounds near the city of Bol'shoy Tokmak. K. F. Smirnov. Arkheol. pam. URSR 8:164-190 '60.

BOLTS AND NUTS

Strength of bolts with a run-out and recess of threads. M. P. Markovets. Vest. mash. 41 no. 5:46-48 My '61.

BOLVA VALLEY—LANDFORMS

The Bryansk-Zhizdra "polesie." S. G. Liubushkina. Vest. Mosk. un. Ser. 5 Geog. 16 no. 3 69-71 My-Je '61

BOMBAY—DESCRIPTION

Gateway of India. D. Vol'skii. Nov. vrem. 19 no. 22: 26-30 My '61.

BOMBS, INCENDIARY see Projectiles, Incendiary

BONDS, CHEMICAL see Chemical bonds

BONE

Luminescent method for studying the growth of bone tissue. B. A. Nikitiuk, B. A. Spirin. Arkh. anat. gist. i embr. 40 no. 2 84-86 F '61

BONE GRAFTING

Fractures of a thin bone transplant used to replace a mandibular defect. K. S. IAdrova. Stomatologiia 40 no. 1 54-58 Ja-F '61.

Use of free combined (bone-tissue) transplant for repair of defects of the mandible. A. M. Nikandrov. Stomatologiia 40 no. 2 50-53 Mr-Ap '61.

BONES

Age-related changes in the mineral metabolism and nitrogen content of bone tissues in rats [with summary in English]. N. I. Elkina. Biokhimiia 26 no. 2:212-216 Mr-Ap '61.

Influence of vitamins B_{12} and B_6 on protein metabolism in the hard tissues of the tooth and bones in rats. Liu Din'-sin' [Liu Tin-hsin]. Stomatologiia 40 no. 1. 17-20 Ja-F '61.

Mineral and protein metabolism in the bone tissue in rats after plutonium injury. N. I. Elkina, I. A. TSeveleva. Med. rad. 6 no. 3:58-63 '61

Uranium in fossil bones (from "Urania," no. 2, 1961). Priroda 50 no. 6:118 Je '61.

BONES—CANCER

Diagnostic mistakes in malignant tumors of the bones. S. I. Fain. Med. zhur. Uzb. no. 11 37-38 N '60.

Pathogenesis of Ewing's tumor. A. A. Zaporozhets. Dokl. AN BSSR 5 no. 4:180-183 Ap '61.

BONES—DISEASES

Changes in the nervous system in internal frontal hyperostosis. Z. P. Panfilova. Vop. psikh. i nevr. no. 5: 300-301 '59.

Trophic disturbances of the bones following injuries of the nerve trunks of the extremities. G. N. Esinovskaia. Vop. psikh. i nevr. no. 5:290-300 '59.

BONES—DEGENERATION AND REGENERATION

Effect of X rays on the regeneration of tubular bones (os tibia) in rats. S. A. Ivanova, Z. A. Mikeladze. Nauch. dokl. vys. shkoly; biol. nauki no. 2:120-125 '61

Regeneration of tubular bone in acute radiation sickness. T. L. Sopova. Arkh. anat. gist. i embr. 39 no. 11:51-59 N '60.

BONES—RADIOGRAPHY

D'iachenko, V. A. [Radioscopic diagnosis of calcifications and heterogenic ossifications] Rentgenodiagnostika obyzvestvlenii i geterogennykh okostenenii. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 225 p. (DNLM)

Tomographic study of osteoarticular tuberculosis. S. L. Firer. Sbor. trud. Uz. nauch.-issl. tub. inst. 3 113-119 '57.

BONES—TUBERCULOSIS

(see also subdivision under Brest Province; Vladimir Province)

BCG and streptomycin therapy in rabbits of osteoarticular tuberculosis caused by Mycobacterium tuberculosis resistant and sensitivity to streptomycin. T. B. Il'ina. Probl. tub. 39 no. 3 64-68 '61.

Combined antibacterial and immunological treatment of bone tuberculosis. G. I. IUshina, K. N. Shaposhnikova. Sbor. trud. Uz. nauch.-issl. tub. inst. 3 17-24 '57.

Course and outcome of osteoarticular tuberculosis in infants and their relation to the nature of intrathoracic changes. IU. D. Budilina. Probl. tub. 38 no. 4:62-67 '60.

Course of tuberculous meningitis in children with osteoarticular tuberculosis. O. N. Tikhomolova. Sbor. trud. Uz. nauch.-issl. tub. inst. 3 136-140 '57

Direct results of combined antibacterial and immunological treatment in osteoarticular tuberculosis in children. M. M. Kaplan. Sbor. trud. Uz. nauch.-issl. tub. inst. 3 39-44 '57

On the resorption of bone tissue in osteoarticular tuberculosis. A. Z. Amelin. Probl. tub. 38 no. 4:67-69 '60.

Surgical treatment of osteoarticular tuberculosis as revealed by data from the L. M. Kaganovich Tuberculosis Sanatorium for Children. N. G. Arkhipova. Sbor. trud. Uz. nauch.-issl. tub. inst. 3 128-132 '57

Surgical treatment of osteoarticular tuberculosis in adults. P. P. Obiedkova, N. N. Stolinenko, S. L. Firer. Sbor. trud. Uz. nauch.-issl. tub. inst. 3 120-123 '57

Surgical treatment under conditions of the V. I. Lenin Bone Tuberculosis Sanatorium for Children. A. L. Kitain. Sbor. trud. Uz. nauch.-issl. tub. inst. 3 123-128 '57

Tomographic study of osteoarticular tuberculosis. S. L. Firer. Sbor. trud. Uz. nauch.-issl. tub. inst. 3 113-119 '57

Tuberculous etiology in sclerosis of bone fragments detected by roentgenological methods in cadavers of tuberculous subjects. I. N. Agapkin. Probl. tub. 39 no. 3 68-76 '61

BONES—TUMORS

Diagnosis of bony metastases of adenoma of the thyroid gland by the cytological method. I. S. Mecheva, I. L. Teodor. Khirurgiia 37 no. 5, 93-95 My '61

BONUS SYSTEM

Bonuses for the introduction of new equipment, progressive techniques and modern work methods. TSement 27 no. 2 31 Mr-Ap '61.

Order of applying the statute concerning bonuses for construction workers. Ekon. stroi. no. 1-53-56 Ap '61

Sources to cover the expenses of bonuses for construction workers. Biul. stroi. tekh. 18 no. 5 23-24 My '61.

BOOK ORNAMENTATION

Album of ornamental designs on bindings in the manuscript collections. Zap. Otd. ruk. no. 22:313-447 '60.

BOOK ORNAMENTATION—DICTIONARIES

Illustrated dictionary of terms. Zap. Otd. ruk. no. 22: 209-215 '60.

BOOKBINDING

Ornamentation of bindings from the end of the 15th to the first half of the 17th century in manuscripts of the library of the Trottse-Sergiev Monastery. S. A. Klepikov. Zap. Otd. ruk. no. 22:57-73 '60.

Supplementary list of bindings from the manuscripts of the collections of the Trottse-Sergiev Lavra and the Moscow Ecclesiastical Academy. S. A. Klepikov. Zap. Otd. ruk. no. 22 195-203 '60.

BOOKPLATES

(see also subdivision under Georgia)

Bookplates and Soviet printing. S. Fortinskii. Sov. knizh. torg. 13 no. 5:36-37 My '61.

BOOKS

Books are my friends. Vl. Lidin. V mire knig 1 no. 3: 44-45 Mr '61.

Soviets of the All-Union Book Chamber. A. F. Kuznetsova. Sov. bibl. no. 2:100-103 '61.

BOOKS—REVIEWS

Brief reviews of new books. Obshchestv. nauki v Uz. no. 1 72-73 '61.

You should read these books. Nar. asv. no. 1:96 Ja '61.

You should read these books. Nar. asv. no. 2:87-88 F '61

BOOKS AND READING

Extracurricular reading and its supervision. M. Barysenka. Nar. asv. no. 3:25-31 Mr '61.

Life companion. P. Sokolov-Skalia. V mire knig 1 no. 1:39 Ja '61.

BOOKS FOR CHILDREN see Children's literature

BOOKSELLERS AND BOOKSELLING

(see also subdivision under Azerbaijan; Cherkassy Province; Kharkov; Kiev; Kuban; Moscow, Odessa; Ukraine; Virgin Territory; Voronezh Province; White Russia)

Booklover's remarks. Roman Fatuev. V mire knig 1 no. 4:45 Ap '61.

Bookseller's remarks. S. Roitman. Sov. knizh. torg. 13 no. 5:26-27 My '61.

Bookstore of the literatures of the peoples of the U. S. S. R. M. Blekhman. Sov. knizh. torg. 13 no. 5. 24 My '61.

Broaden the road for agricultural literature. V. Stepanov. Sov. knizh. torg. 13 no. 5:19-20 My '61.

Communist Youth League members bring books to the people. M. Kas'ianenko. Sov. knizh. torg. 13 no. 4: 19 Ap '61.

BOOKSELLERS AND BOOKSELLING (Continued)
Editor's mail. Sov. potreb. koop. 4 no. 4:48, 52-53 Ap '60.
Editor's mail. Sov. potreb. koop. 5 no. 5:22-23 My '61.
First steps. Sov. knizh. torg. 13 no. 5:33-35 My '61.
Give the 22d Congress of the CPSU an appropriate greeting. V. Kulikovskii. Sov. knizh. torg. 13 no. 1 3-4 Ap '61.
Give the 22d Congress of the CPSU an appropriate greeting. Sov. knizh. torg. 13 no. 5 4-5 My '61.
How does the plan start? G. Gurevich. Sov. knizh. torg. 13 no. 4 35-36 Ap '61.
Important problem in training booksellers. I. Brusin. Sov. knizh. torg. 13 no. 4 32-35 Ap '61.
The important thing in the book trade. Sov. knizh. torg. 13 no. 5 1-3 My '61.
In honor of the Congress of Lenin's party. Sov. knizh. torg. 13 no. 4 1-2 Ap '61.
In the campaign for the best bookstore. M. Pashkov. Sov. knizh. torg. 13 no. 5:8-10 My '61.
Legal advice. Sov. knizh. torg. 13 no. 4 46 Ap '61.
Letters to the editor. Sov. knizh. torg. 13 no. 5:42-43 My '61.
Make show windows interesting and vivid. S. Shatalin, L. Perel'shtein. Sov. knizh. torg. 13 no. 2:27-31 My '61.
New developments in the distribution of provincial publications. B. Nepein. Sov. knizh. torg. 13 no. 5 25 My '61.
New developments in the "Soviet Book" Pavilion. N. Chernykh. Sov. knizh. torg. 13 no. 5:32 My '61.
Publications of the various republics on sale throughout the Soviet Union. D. Kuzovenko. Sov. knizh. torg. 13 no. 4 7-9 Ap '61.
Questions and answers. Sov. knizh. torg. 13 no. 4 10-11 Ap '61.
Remarks on the book trade. Viktor Shklovskii. V mire knig 1 no. 2:44-45 F '61.
Semushkin, V. I. [The book trade in villages] Torgovlia knigoi na sele. Moskva, Izd-vo "Znanie," 1960. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii)
Serious conversation. S. Polivanovskii. V mire knig 1 no. 4:46 Ap '61.
Sharpshooters. A. Mironov. V mire knig 1 no. 3 46-47 Mr '61.
"There will be no orders." Sov. knizh. torg. 13 no. 5: 22 My '61.
Volunteer council at work. A. Rakovich. Sov. knizh. torg. 13 no. 5:38-39 My '61.
What experience teaches. S. Kopchenov, V. Osipov. Sov. knizh. torg. 13 no. 5:23 My '61.
What the subscription system has given us. I. Smirnov. Sov. knizh. torg. 13 no. 4:28-29 Ap '61.
With books to the workers. V. Butyrina. Sov. knizh. torg. 13 no. 4 16 Ap '61.

BOOKSELLERS AND BOOKSELLING—BIBLIOGRAPHY
see Bibliography—Booksellers and bookselling

BOOKSTORES
(see also subdivision under Estonia)
Promoting books in libraries and stores. L. Tikhonova. Sov. knizh. torg. 13 no. 4 31 Ap '61.

BOOLE, GEORGE, 1815-1864
Corroboration and critical evaluation of the logical methods of George Boole. N. I. Stiazhkin. Vest. Mosk. un. Ser. 8. Ekon., filos. 15 no. 1 79-90 '60.

BOOT AND SHOE INDUSTRY see Shoe industry

BOOTS AND SHOES
(see also subdivision under Rostov Province)
Consultation on work clothes, work shoes, and safety devices. Razved. i okh. nedr 27 no. 3:49-50 Mr '61.
Hygienic principles of a permissible degree of hardness of shoes for preschool children [with summary in English]. V. V. Litvinenkova. Gig. i san. 25 no. 3:10-14 Mr '60.
Practical footwear of a lighter weight. V. N. TSvetkov. Izv. vys. ucheb. zav.; tekh. leg. prom. no. 2:44-49 '61.

BOOTS AND SHOES, RUBBER
Efficient parameters for the fastening of porous rubber soles with nylon threads. Report No. 2. V. N. TSvetkov, F. S. Andreev. Izv. vys. ucheb. zav., tekh. leg. prom. no. 1:85-96 '60.
Works of the Central Scientific and Technical Institute of the Leather and Footwear Industry concerning the creation of a chemical technology for rubber footwear. E. A. Nisnevich. Nauch.-issl. trudy TSNIKP no. 30: 149-160 '59.

BOOTS AND SHOES, RUBBER—TESTING
Use of the factorial method for investigating the possibilities of perspiration absorption by silica gel in airtight rubber footwear. N. A. Aliavdin, V. G. Sidorov. Izv. vys. ucheb. zav., tekh. leg. prom. no. 1:116-123 '60.

BORATES
Investigating borate solutions by the ion exchange method [with summary in English]. E. A. Materova and others. Vest. LGU 16 no. 10:125-132 '61.

BORDER GUARD
On the boundary of our fatherland. O. Ol'shanskyi, L. Korenevych. Ukraina no. 10:8-9 My '61.
With the frontier guards. P. TSybul'skii. Komsomolets no. 9 27-28 My '61.

BORGOY VALLEY—ROCKS, IGNEOUS
Characteristics of the Mesozoic volcanism in the Borgoy Depression. S. M. Zamarnaev. Izv. Sib. otd. AN SSSR. Geol. i geofiz. no. 1 43-54 '58.

BORIC ACID
β-Decomposition of butyl esters of α, β-dibromoethylboric and β, γ-dibromopropylboric acids. B. M. Mikhailov, P. M. Aronovich. Izv. AN SSSR. Otd. khim. nauk no. 5, 827-829 My '61.
Extracting boric acid from a mixture with a magnesium sulfate solution by ion exclusion. A. N. Popov, Ш. S. Kononov. Izv. Sib. otd. AN SSSR no. 1 61-67 '61.
Mutual solubility in the quaternary system H_3BO_3—Na_2SO_4—$MgSO_4$—H_2O at 50° C. E. G. Konobritskii, A. B. Bektunov. Izv. AN Kazakh. SSR. Ser. khim. no. 2: 10-15 '60.
Mutual solubility in the quaternary system H_3BO_3—Na_2SO_4—$MgSO_4$—H_2O at 25° C. E. G. Konobritskii, A. B. Bektunov. Izv. AN Kazakh. SSR. Ser. khim. no. 2: 16-20 '60.
Reactions of triethylthioborate with amines. T. A. Shchegoleva, E. M. Shashkova, B. M. Mikhailov. Izv. AN SSSR. Otd. khim. nauk no. 5 916-919 My '61.
Synthesis of alkylthioboric acid esters from trialkylborines and thioborates. B. M. Mikhailov, T. A. Shchegoleva, E. M. Shashkova. Izv. AN SSSR. Otd. khim. nauk no. 5:916-917 My '61.

BORIDES—SPECTRA
Emissivities of some powdered high-melting compounds. T. I. Serebriakova, Ш. B. Paderno, G. V. Samsonov. Opt. i spektr. 8 no. 3 110-112 Mr '60.

BORING
(see also subdivision under Kirovograd region)
Calculating wedging in straightening crooked boreholes. V. M. Butenko. Razved. i okh. nedr 27 no. 4:43-46 Ap '61.
Conditions for obtaining the largest core from Maikop and Cretaceous sedimentations in the Groznyy oil fields. B. D. Panov. Trudy GNI no. 21 138-143 '60.
Dependence of the degree of resistance in cutting on the parameters of the cut. M. M. Protod'iakonov. Izv. vys. ucheb. zav., gor. zhur. no. 2 95-101 '60.
Effect of the angle of the edges of a cutter on its cutting ability. V. N. Getopanov. Izv. vys. ucheb. zav., gor. zhur. no. 2 102-105 '60.
Effect of the diameter of blasting holes on the over-all rate and the specific rate of boring. D. M. Bronnikov. Trudy Inst. gor. dela 5 97-100 '60.
Experimental study of the thermal efficiency of gas streams from torches in jet piercing. A. P. Pershin. Izv. vys. ucheb. zav., gor. zhur. no. 6 76-84 '60.
High-speed drifting at the Leviikha Mine. A. N. Oglobliu. Gor. zhur. no. 3 72-73 Mr '60.
High-speed drifting at the Liebknecht Mine. N. I. Kamenev, N. F. Kupriik, G. O. Kunets. Gor. zhur. no. 3 33-35 Mr '60.
Investigating the heat conductivity of rocks in connection with research on the thermal method of boring. L. Galinskii, L. Kuzlaev, F. I. Voronov. Nauch. rab. stud. GNSO MGI no. 7:61-68 '59.
Question of the efficiency of adopting high-speed jets of water for cutting sandstone and shale. G. M. Veselov, IU. G. Koniashin. Trudy Inst. gor. dela 5:101-107 '60.
Research on stresses and deformation in [illegible] straight cutting. A. I. Beron, A. S. Kaz[illegible] Inst. gor. dela 5 57-63 '60.
Results of the competition for the [illegible] mechanization and automation of [illegible] and methods for determining the [illegible] ability of rocks. Razved. i okh. n[illegible] Mr '61.
Strength of feed and impact. B. Z. [illegible] kestsev. Izv. vys. ucheb. zav.; g[illegible] '59.
Technical and economic evaluation [illegible] clined slim-hole drilling in conne[illegible] open-pit mining. N. U. Turuta, A. [illegible] ucheb. zav.; gor. zhur. no. 3:53-57
"Vibration boring in soil" by B. M. [illegible] rov. Reviewed by Sh. Shnaider. Z[illegible] no. 2 32 F '61.
"Vibration boring of soils" by B. M[illegible] Komarov. Reviewed by B. I. Nec[illegible] mekh. grun. 3 no. 2:30 '61.

BORING MACHINERY
(see also subdivision under Krivo[illegible]
Drilling rig serving to mechanize [illegible] Andreev. Razved. i okh. nedr [illegible] '61.
Efficient performance time of bits [illegible] IAdullaev and others. Trudy Azl[illegible] '60.
Formula of the dependence of the rate of percussion drilling on the length of the cutting edge of the bits. A. K. Sidorenko. Izv. vys. ucheb. zav., gor. zhur. no. 2 87-89 '60.
New K-2 drill bit. B. A. Gladkikh, P. P. Nazarov. Nauch. rab. stud. GNSO MGI no. 7 69-73 '59.
New test boring devices. Ш. S. Samgin. Razved. i okh. nedr. 27 no. 3 26-31 Mr '61.
Problem of the relationship between the diameter of a cut and the rate of boring holes with hand electric drills. N. G. Mikhailov. Trudy Inst. gor. dela 5:93-96 '60.
Slotted drill bit with a center groove. V. N. Bobotyl'in. Gor. zhur. no. 1 74-75 Mr '60.

BORING MACHINERY—ELECTRIC DRIVING
Designing the drive of a crosscut-boring machine. L. N. Liansberg, N. T. Rudenko. Nauch. rab. stud. GNSO MGI no. 7 50-60 '59.

BORING MACHINERY—TECHNOLOGICAL INNOVATIONS
Personal invention of an engineer. B. Ostrovskii. NTO 2 no. 5 49-50 My '60.

BORINGS—ANALYSIS
Petroleum contents of sand and silt cores from a producing formation. P. A. Prozorovich and others. Geol. nefti i gaza 4 no. 4 52-56 Ap '60.

BORKOVSKII, VIKTOR IVANOVICH, 1900-
V. I. Borkovskii's sixtieth birthday. A. B. Shapiro. Izv. AN SSSR. Otd. Mat. i naz. 19 no. 1:59-60 Ja-F '60.

BORNEOL
Magnetooptical activity of solutions of β-borneol ethers. A. S. Dmitriev, F. I. Mysovskaia. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 2 321-326 '61.

BORON
Effect of boron fertilizers on the yield and quality of potatoes. G. Sh. Aslanian. Agrobiologiia no. 3:452-454 My.-Je. '61.
Low-temperature impact strength of austenitic steel and the effect on its of small additions of boron. V. V. Levitin. Fiz. met. i metalloved. 11 no. 4 564-567 Ap '61.

BORON—ANALYSIS
Developing methods of detecting boron and fluorine in cement materials. V. V. Myshliaeva, P. I. Nagerovn, T. A. Osokina. Nauch. soob. NIITSementa no. 8 25-30 '60.

BORON—PHYSIOLOGICAL EFFECT
Boron biogeochemical province in northwestern Kazakhstan. A. V. Ananichev. Trudy Biogeokhim. lab. no. 11:226-231 '60.
Boron biogeochemical province in northwestern Kazakhstan. I. K. Shakhova. Trudy Biogeokhim. lab. no. 11:232-237 '60.
Effect of boron and manganese on the catalase activity of blood. A. S. Abdullaev, Z. N. Alieva. Uch. zap. AGU. Biol. ser. no. 3 13-16 '60.

BORON-ANTIMONY ALLOYS
Selecting the most satisfactory composition of boron-antimony inoculators for malleable cast iron. E. G. Titenskii. Lit. proizv. no. 5:7-8 My '61.

BORON COMPOUNDS
Synthesis of alkylthioboric acid esters from trialkylborines and thioborates. B. M. Mikhailov, T. A. Shchegoleva, E. M. Shashkova. Izv. AN SSSR. Otd. khim. nauk no. 5:916-917 My '61.

BOSHCHAKOL', LAKE—CARP

Scale deformations in the goldfish Carassius auratus L. A. I. Gorlunova Vop ikht 1 no 1 52-56 '61

BOSPORUS, CIMMERIAN (KINGDOM) see Cimmerian Bosporus (Kingdom)

BOSTANDYK DISTRICT—JUJUBE (PLANT)

Chinese dates of Bostandyk District S S Kalmykov, M. K. Sibirov. Uzb biol. zhur. no. 2:56-57 '61

BOSTANDYK DISTRICT—WALNUT

Influence of ecological factors on the natural reproduction of walnut in the forests of Bostandyk District. R. S. Vernik. Uzb biol. zhur. no 2 23-29 '61

BOTANICAL APPARATUS

Automatic observations on weight changes of vegetable matter [with summary in English] J Pazourek Fiziol rast 8 no. 3:371-374 '61.

A closing water volumenometer for measuring the root systems of plants [with summary in English]. V. S. Novoselov. Fiziol. rast. 7 no. 2:243-244 '60.

BOTANICAL CHEMISTRY

Activity of respiratory enzymes and the amount of ascorbic acid in plant tissues in grafting V I Poda-Chibalenko Uch. zap. GU no 36 262 269 '60

Biosynthesis of phenylalanine in cereals and legumes. Zh V Uspenskaia, V. L Kretovich Biokhim zerna no 5 5-46 '60

New data on the structure of plant proteins M S Reznichenko Biokhim zerna no 5 163-169 '60

BOTANICAL GARDENS

(see also subdivision under Abuni, Ghana; Krasnokutsk District, Solovetskiye Islands, Stavropol)

Role of landscapes and the extent of area in establishing botanical gardens I. M. Petrov Biul Glav bot sada no 39 7-9 '60

BOTANICAL RESEARCH

(see also subdivision under Bulgaria; Kazakhstan, Moscow, Pskov Province, Ukraine)

Magnitskii, K. P., IU. A. Shugalov, and V. K. Malkov. [New methods of plant and soil analysis] Novye metody analiza rastenii i pochv. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 239 p.

New method for determining the surface area of leaves in gramineous plants [with summary in English] V V Anikiev, F. F Kutuzov Fiziol. rast 8 no 3 375-377 '61

Work of the Main Botanical Garden of the Soviet Academy of Sciences in 1959 A. V. Astrov Biul. Glav. bot sada no 38:102-104 '60.

BOTANICAL SOCIETIES see subdivision under Moscow, White Russia

BOTANY

(see also subdivision under Aksu-Dzhabagly Preserve, Asia, Southeastern, China; Kazakhstan, Kustanay Province, Mayilsay Valley; Muyun-Kum; Soviet Far East, Tien Shan)

Mystery of the "stone steppe." V. Avdeev. IUn. tekh. 6 no. 2:33-36 F '61.

BOTANY—ANATOMY

Right-handed and left-handed plants. IU. A. Urmantsev. Priroda 50 no. 5:100-102 My '61.

BOTANY—CLASSIFICATION—CONGRESSES

Discussion of problems in plant classification at the conference in Sverdlovsk. P L Gorchakovska Bot zhur. 45 no. 4 630-634 Ap '60.

BOTANY—DICTIONARIES

Materials for a botanical dictionary. S. Arystangaliev, E. Ramazanov. Trudy inst. bot. AN Kazakh. SSR 10:188-256 '61

BOTANY—ECOLOGY see subdivision under Donskoye Belgor'ye

BOTANY—EMBRYOLOGY

Embryological investigations concerning the crossbreeding of flax [with summaries in English, German, and French]. M. A. Sizova. Vest. sel'khoz. nauki 6 no. 5: 39-43 My '61.

IAkovlev, M. S. [Embryogenesis and its significance for the phylogeny of plants, reported at the Thirteenth Annual Komarov Lecture, Dec. 12, 1958] Embriogenez i ego znachenie dlia filogenii rastenii; dolozheno na trinadtsatom ezhegodnom Komarovskom chtenii 12 dekabria 1958 g. Moskva, Izd-vo Akad. nauk SSSR, 1960. 39 p. (Komarovskie chtenila, no. 13)

BOTANY—PHYSIOLOGY see Plant physiology

BOTANY—VARIATION

Biological significance of polymodal curves of some plant characters [with summary in English]. V M. Shmidt. Vest. LGU 16 no. 9:36-45 '61.

BOTANY, MEDICAL see subdivision under Armenia; Azerbaijan

BOTTLE CHARTS

Glass "letter carriers" M. IAsynchuk. Ukraina no. 11: 32 Je '61

BOTVINNIK, MIKHAIL MOISEEVICH, 1911-

It's Botvinnik again Ukraina no 11.28 Je '61

BOUNDARY LAYER

Calculating a laminar boundary layer on a porous system [with summary in English] G A Kulonen Vest LGU 16 no 7 123-135 '61

Frequency of cavitation in turbulent boundary layers and wake currents V. I Il'ichev Dokl AN SSSR 136 no 5:1047-1050 F '61

Investigating return flows in the separation area of a turbulent boundary layer IU A Dem'ianov, V N Shmanenkov Prikl mat i mekh 24 no 2 237-239 Mr-Ap '60

Three-dimensional boundary layer with free convective flow in cavities [with summary in English]. M. M. Farztdinov. Inzh.-fiz. zhur. 4 no. 4:38-42 Ap '61.

BOUNDARY VALUE PROBLEMS

Boundary properties of functions from the $W_2^1 p$ "weight" classes S. V Uspenskii Dokl AN SSSR 138 no 4 785-788 Je '61

Boundary value problem for the equation $\Delta u = u^2$. S. I Pokhozhaev. Dokl. AN SSSR 138 no. 2 305-308 My '61.

Boundary value problem of electromagnetic wave propagation in a spherically laminar anisotropic dissipative medium P. E Krasnushkin. Dokl AN SSSR 136 no 4 813-816 Je '61

Boundary value problems for quasi-linear strongly elliptic systems of equations having a divergent form. M I Vishik Dokl AN SSSR 136 no 3 518-521 My '61

Differential properties of Green's function in a many-point boundary value problem A IU Levin. Dokl AN SSSR 136 no 5.1022-1025 F '61

Estimating the error arising when using the method of grids to find the solution to the Dirichlet problem for the Laplace equation. D. F. Davidenko. Dokl. AN SSSR 138 no. 2 267-270 My '61

Method for solving a limiting boundary value problem for a differential equation of the second order. IU. L. Klokov. Mat. sbor. 53 no. 2 219-232 F '61.

A priori estimates for certain boundary value problems V A Solonnikov Dokl AN SSSR 136 no 1.781-784 Je '61

Remarks on the work "Investigation of the integrals of a parabolic equation and of boundary value problems in an unlimited region." V. Pogozhel'skii. Mat. sbor. 53 no. 4:539-540 Ap '61.

Scalar diffraction problem for an elliptic cylinder and an ellipsoid of revolution N D Fa.arinov Dokl. AN SSSR 138 no 4:750-752 Je '61.

BOVIDAE, FOSSIL see subdivision under Crimea

BOXING

History of two photographs. G. Elenskii. Smena 36 no 7:25 Ap '61.

BOXTHORN see subdivision under Uzbekistan

BRACHIAL PLEXUS—WOUNDS AND INJURIES

Localization patterns and pathogenesis of gunshot injuries of the brachial plexus R A Meierova Vop neirokhir 25 no 3 35-38 My-Je '61

BRACHIOPODA, FOSSIL see subdivision under Kara-Tau, Ural Mountains

BRADIS, VLADIMIR MODESTOVICH, 1891-

Vladimir Modestovich Bradis; on his 70th birthday. E. F. Danilova. Mat. v shkole no. 3:83-85 My-Je '61.

BRAGIN DISTRICT—COLLECTIVE FARMS

We live as Il'ich taught us. V. Kozachenko. Komm. Bel. 34 no. 4:48-50 Ap '60.

BRAIN

Adenosinetriphosphatase in various cellular fractions of the brain [with summary in English]. A. V. Palladin, O. V. Kirsenko. Biokhimiia 26 no. 2.385-390 Mr-Ap '61.

Amide and carboxyl groups of brain proteins in oxygen intoxication [with summary in English] Z. S. Gershenovich, A. A. Krichevskaia Biokhimiia 26 no 2:310-317 Mr-Ap '60

Amount of copper in the tissues of the brain under normal conditions and in various diseases of the nervous system [with summary in English]. B. M. Gekht. Biul. eksp. biol. i med. 51 no. 2:49-54 F '61.

Comparative data on the nucleotide composition of ribonucleic acid contained in the brain tissue [with summary in English]. R. G. Broun, V. I. Diurnbaum. Vest. LGU 16 no. 9:100-106 '61.

Condition of the hemato-encephalic barrier and a certain other histohematic barriers in offspring of animals with a history of previous radiation sickness. V. A. Tatsievskii. Med. rad. 6 no. 3:17-21 '61.

Degenerative and reparative processes in the brain after radiation injury [with summary in English]. A. A. Manina. Arkh. anat. gist. i embr. 39 no. 11 33-43 N '60.

Distribution of boron in brain and liver tissue fractions [with summary in English]. I. K. Shakhova. Biokhimiia 26 no. 2 315-318 Mr-Ap '61.

Distribution of cholinesterases in the brain of rhesus monkeys [with summary in English]. A. A. Poletovskii, L. G. Ponomareva. Biokhimiia 26 no 2:276-280 Mr-Ap '61.

Effect of certain substrates and biologically active substances on the rate of renewal of phosphorus compounds in brain slices [with summary in English] Chzhan T'Szin' [Chang Chin] Biokhimiia 25 no 6 1099-1101 N-D '60

Effect of deep hypothermia on the carbohydrate-phosphorus metabolism of brain tissue [with summary in English]. G. A. Nechaeva Biul. eksp. biol. i med. 19 no. 3:54-57 Mr '60.

Effect of morphine and nalorphine on the content of labile phosphorus compounds in the brain [with summary in English]. G. B Arushanian Biul. eksp. biol. i med. 51 no. 1 60-63 Ja '61.

Effect of X irradiation on the duration of so-called animal hypnosis in intact animals and after the removal of cerebral hemispheres. P. V. Simonov. Zhur. vys. nerv. deiat. 11 no. 1:169-170 Ja-F '61.

Hemato-encephalic barrier under certain physiological and pathological conditions of the central nervous system G. N Kassil' Fiziol zhur 47 no 3.301-309 Mr '61

Individual characteristics of electrical processes in structures of the brain stem and cerebral cortex in dogs [with summary in English]. T. S Naumova. Zhur. vys. nerv. deiat. 11 no. 1:131-141 Ja-F '61.

Initial phase of excitation in absolute differentiation and the amount of free ammonia in the cerebral hemispheres of rats [with summary in English]. I. A. Vladimirova. Biul. eksp. biol. i med. 51 no. 2 42-45 F '61

Late histopathological changes in the central nervous system after total-body multiple X irradiation of dogs [with summary in English]. A. P. Ilnitskova. Biul. eksp. biol. i med. 51 no 3.106-110 Mr '61.

Mechanism of the action of cocaine on the respiration of nerve tissue [with summary in English] M I. Kuzhman Vop. med. khim 6 no 2 186-191 Mr-Ap '60

Oxidation phosphorylation of the brain exposed to oxygen under increased pressure [with summary in English] Z. G Bronovitskaia, Z. S Gershenovich Biokhimiia 25 no 6 981-986 N-D '60

Participation of the cholino- and adrenoreactive systems of the reticular formation of the mesencephalon in the activation reaction of the cerebral cortex P P Denisenko Fiziol zhur 47 no 5 551-558 My '61

Pharmacological evaluation of the functional heterogeneity of the reticular formation of the brain stem G. E Grigorian Dokl AN Arm SSR 32 no 3:163-169 '61

Physiological properties of the adrenergic substrate of the reticular formation of the brain stem I P Anokhina-Raskova Fiziol zhur. 47 no 2 151-159 F '61.

Rate of cerebrosside and ganglioside metabolism in the brain [with summary in English]. N. P. Tarasova. Vest. LGU 16 no. 9 111-120 '61.

Respiration, glycolysis, and the level of high-energy compounds (adenosine triphosphoric acid, phosphocreatine) in brain tissues in carbon monoxide poisoning [with summary in English] F. B Sopotynskaia, E. A. Gordienko. Pat. fiziol. i eksp terap. 5 no 2 53-56 Mr-Ap '61.

Shtrekli, V. F. [New data in the development of I. P. Pavlov's teaching on the circuit-closing function of the brain and the problem of inhibition; speech to the assembly, October 20, 1959] Novye dannye v razvitii uchenila I. P. Pavlova o zamykatel'noi funktsii golovnogo mozga i problema tormozhenila; aktovaia rech' 20 oktiabria 1959 goda. Riazan', Riazanskii med. in-t im. akademika I. P. Pavlova, 1959. 41 p.

Significance of the cerebral hemispheres in the pathogenesis of asymmetry and other disorders of respiration N A. Merkulova, B IA Peskov Fiziol zhur 47 no 2:170-184 F '61

Some indicators of nitrogen metabolism in the brain in acute carbon monoxide poisoning [with summary in English] E A Gordienko. Pat fiziol i eksp terap. 4 no. 2:51-50 Mr-Ap '60.

Structure of lipoproteins of the gray matter of animal brain [with summary in English]. S. V Nedzvetskii, S. N. Kuz'mina. Biokhimiia 25 no 2 251-254 Mr-Ap '60.

Study of the electrical activity of the reticular formation of the mesencephalon in the rabbit during extinction of the "activation reaction" in response to indifferent stimuli P. I. Kulinin, A. A. Sokolova Fiziol zhur 47 no 5 536-541 My '61.

Study of the phosphorus metabolism of the brain in trichodesmotoxicosis in nontuberculous and tuberculous guinea pigs by means of radioactive phosphorus. E. Sodikov. Sbor. trud Uz. nauch. -issl. tub inst. 3 57-61 '57.

Ultraviolet cytophotometry of the different functional zones of the brain. L. Z Pevzner. TSitologiia 2 no. 2.170-175 Mr-Ap '60.

Ways of studying the role of higher brain divisions in the reaction of the organism to hypoxia. N. V. Lauer. Fiziol. zhur. [Ukr.] 7 no. 3.376-394 My-Je '61.

BRAIN—ABNORMITIES AND DEFORMITIES

Changes in the histological structure of the cerebral hemispheres in lambs with enzootic ataxia in the biogeochemical province of the Terek-Sulak-Kuma Lowland. Sh.G.Dandamaev. Trudy Biogeokhim.lab. no.11 150-153 '60.

BRAIN—ABSCESS

Abscess of the right frontal lobe caused by epileptiform seizures (from "Ful, —oir—gége Gyógyászat," no 1, 1958) Zhur.ush.,nos.i grol.bol 30 no 1 88 Ja-F '60

Abscesses of both frontal lobes of the brain caused by sinistral fronto-ethmoiditis. N.D.Rastopchin. Vest. otorin. 22 no.1 86-88 Ja-F '60.

Clinical aspects of otogenous abscesses of the brain. N.N. Rokhlin. Zhur.ush.,nos.i grol.bol. 20 no.1 70-72 Ja-F '60

Electroencephalography in otogenous abscesses of the brain and meningitis [with summary in English]. M.I. Gurshin. Zhur.ush.,nos.i gorl.bol. 20 no.1 55-59 Ja-F '60.

BRAIN—BLOOD SUPPLY

Aneurysm of the posterior inferior cerebellar artery simulating a neurinoma of the acoustic nerve. N.S. Khappo. Vest.otorin. 22 no.1 85-86 Ja-F '60.

Changes in the higher nervous activity in dogs after the excision of all vascular plexuses of the brain [with summary in English]. N.S.Volzhina. Zhur.vys.nerv.deiat. 11 no.1.142-150 Ja-F '61.

Microvascularization and the relationship between nerve cells and capillaries of the brain in frogs and Agamae [with summary in English] I.K.Svanidze Arkh. anat.gist.i embr. 40 no 4 99-105 Ap '61

BRAIN—BLOOD VESSELS

Changes in the cerebral circulation produced by intraarterial infusion of blood during the restoration of life processes [with summary in English]. G.I.Mchedlishvili. Pat.fiziol.i eksp.terap 4 no.4 14-20 Jl-Ag '60

BRAIN—CONCUSSION

"Anamnestic" concussions of the brain. M.IA.Berdichevskii Vop psikh i nevr no 5:119-124 '59

BRAIN—DISEASES

(see also subdivision under Uzbekistan)

Blood pressure in the diagnosis of otogenous intracranial complications [with summary in English]. L.K.Mal'kevich. Zhur.ush.,nos.i grol.bol 20 no 1:63-66 Ja-F '60.

Blood protein fractions in otogenic intracranial complications [with summary in English]. G.A.Feigin. Vest.otorin. 22 no.1:32-38 Ja-F '60.

Dislocation syndromes in inflammatory diseases of the brain [with summary in French] A.A.Gubyrina Zhur nevr i psikh 60 no 3 286-291 '60

Experimental production and objective registration of acute prolapse of the brain tissue. O.A.Kovalev. Pat. fiziol.i eksp terap 4 no.4:87-88 Jl-Ag '60.

Functional chronaximetry of the muscles and the vasculocutaneous reflexes in various brain diseases. IA.IA. Gordon, T.V.Trapeznikova. Med.zhur.Uzb. no.11: 46-48 N '60.

Histopathology of cerebral rheumatism [with summary in French]. K.N.Chalisova. Zhur.nevr.i psikh 60 no 3 269-272 '60.

Knapp's syndrome in the symptomatology of tumors and abscesses of the right temporal lobe of the brain. B.I. Lozinskaia. Zhur.ush.,nos.i gorl.bol. 20 no.1 80-81 Ja-F '60.

Pathogenesis of the diseases of internalorgans in patients with brain lesions. II.D.Dynnburg. Fiziol.zhur.[Ukr.] 7 no.3.362-368 My-Je '61.

BRAIN—HEMORRHAGE

Mental disturbances following traumatic subarachnoid hemorrhages. S.S.Kaliner. Vop.psikh.i nevr. no.5: 125-133 '59.

BRAIN—INNERVATION

Microvascularization and the relationship between nerve cells and capillaries of the brain in frogs and Agamae [with summary in English]. I.K.Svanidze. Arkh anat.gist.i embr. 40 no.4:99-105 Ap '61.

BRAIN—LOCALIZATION OF FUNCTIONS

Biomorphological comparison of the systems of subcortical formation of visual and auditory analyzer in dogs [with summary in English]. V.P.Zvorykin Arkh.anat.gist.i embr. 38 no.4:22-33 Ap '60.

Functional demarcations in the motor analyzer. M.A. Pankratov. Zhur.vys.nerv.deiat. 11 no.1.106-111 Ja-F '61.

Morphophysiological structure of the interoceptive analyzer and some features of its function. V.N.Chernigovskii. Vest.AMN SSSR 14 no.4:3-18 '59.

BRAIN—OXYGEN CONTENT

Method for the continuous registration of oxygen tension in the brain of dogs at a low barometric pressure. E.A. Kovalenko. Pat.fiziol.i eksp.terap. 5 no.2:66-70 Mr-Ap '61.

BRAIN—SURGERY

Operation for excluding the function of the cerebral hemispheres M.M.Khananashvili Fiziol.zhur. 47 no.5 661-662 My '61

Technic of implantation of various electrodes into the brain of white rats IU N Bordiushkov Fiziol zhur 47 no 2,272-273 F '61

BRAIN—TUMORS

Amount of copper in the tissues of the brain under normal conditions and invarious diseases of the nervous system [with summary in English]. B.M Gekht. Biul.eksp biol i med. 51 no 2 49-54 F '61

Angioreticuloma in the region of the gasserian ganglion. V.A Shustin, T.T Ivanova Vop neirokhir 25 no 3 58-59 My-Je '61

Data from a clinical and anatomical study of tumors of the septum pellucidum L.V Likhterman Vop.neirokhir 25 no.3 42-47 My-Je '61

"Tuberculoma of the brain" by A.I Arutiunov, IU A Zozulia, S.S.Oganesian Reviewed by IA M. Pavlonskii Zhur nevr i psikh 60 no 3 373-375 '60

BRAIN—WOUNDS AND INJURIES

Conditions resembling neuroses following closed cerebral injuries at a late period of the disease L.I Ushakova Vop.psikh.i nevr no 5 131-141 '59

Influence of cervical novocaine block on the condition of rabbits with a closed cerebrospinal wound I Rustamov, IU M Volobuev. Zdrav.Turk 5 no 2,3-6 Mr-Ap '61.

Permeability of the hemato-encephalic barrier in persons with closed brain injury. N.D.Kuznetsov. Med. zhur.Uzb. no.11 39-42 N '60.

Relationship between injuries of the brain and the development of hypertension N I Moiseeva, A I. Listova, G D. Luchko. Klin.med. 39 no 5.27-30 My '61.

X-ray treatment of sequelae of closed cerebrocranial injuries N A Zaichikova, B.N Pil' Vop psikh i nevr no.5 152-157 '59

BRAKES

Theory of the pneumatic, spring-loaded operation of brakes in mine hoisting machines. V F Volokonskii Izv.vys.ucheb.zav., gor.zhur no.2 146-150 '60

BRANSKII, NIKOLAI NIKOLAEVICH, 1881-

Outstanding Soviet geographer IU G Saushkin Vest Mosk un-Ser 5 Geog 16 no 3 4-7 My-Je '61

BRATSK HYDROELECTRIC POWER STATION

Passage of frazil ice over the crest of the spillway dam of the Bratsk Hydroelectric Power Station. IA.I., Gotlib and others. Gidr stroi 30 no.5:34-37 My '60.

BRAZIL—TRADE UNIONS

Antonio Pereira on trade unions in Brazil. Nov vrem 19 no.23:12-13 Je '61.

BREAKWATERS

An breakwater for the protection of water areas from waves. K.T.Kushkis. Trudy TSNIIMF 7 no.32.89-97 '61.

BREAM see subdivision under Kama Reservoir

BREAST—CANCER

Characteristics of transplantable carcinoma of the rat mammary gland (RMK-1) [with summary in English]. V.P. Konoplev, N.D.Lagova. Biul.eksp.biol.i med. 50 no.7:79-81 Jl '60.

Malignant adenoma of the breast in a 6-year-old girl. N.E IAkhontov, N.A IUmatova Vop.onk 7 no.3:84-86 '61.

Serological detection of the virus of mammary cancer in mice during its cultivation on chick embryos [with summary in English]. F.I Leikina, Z.I. Merekalova Pat.fiziol.i eksp.terap. 5 no 2:13-18 Mr-Ap '61.

BREAST—TUMORS

Effect of parenteral administration of protein on the pathogenesis of tumors of the mammary gland in mice. A.N. Mochalovskii, A.F. Slapochnikova Vop.onk. 7 no.3:72-75 '61.

BREATHING see Respiration

BRECHT, BERTOLT, 1898-

Villard presents Brecht. E.S. Teatr 22 no.5:108-109 My '61.

BREDEL, WILLI, 1901-

In the forefront. R.Samarin. Inostr.lit. no.5:178-186 My '61.

BREMSSTRAHLUNG

Radiative corrections to photoproduction and single photon annihilation of pairs [with summary in English]. S.IA. Guzenko, P.I.Fomin. Zhur.eksp.i teor.fiz. 38 no.2. 513-517 F '60.

BREST, BATTLE OF, 1941

Immortal exploit. A.Krupennikov, T.Khodtseva. Voen.-ist.zhur. 3 no 6:110-117 Je '61

BREST DISTRICT—VACATION SCHOOLS

Experience which deserves consideration. M. Liavitskii. Nar.asv. no.4:49-52 Ap '61.

BREST PROVINCE—BONES—TUBERCULOSIS

Detection of early forms of osteoarticular tuberculosis in children in a village in Brest Province [with summary in French]. G.E.Gerasimov. Probl.tub. 38 no.3 11-15 '60.

BREST PROVINCE—SOCIALIST COMPETITION

Truth is not to be found in papers. D.Gurskii. Komsom.zhizn' no.18:28-30 S '60.

BRIBERY

Let's intensify our struggle against bribery. V.IAroslavskyi. Rad pravo no 2 99-102 Mr-Ap '60

BRICK HOUSES see subdivision under Kherson

BRICKS

"Malutka" kiln of yesterday and today. K.Polez. Mest. prom.i khud.promys. 2 no.5:16 My '61.

BRICKS—TRANSPORTATION

Container for the transportation of bricks. I.Kupchik, E.Pliasunova. Rech.transp. 20 no.5,36 My '61.

BRIDGE CIRCUITS

General principle of the analysis and calculation of bridge circuits. V.G. Pustynnikov. Izv.vys.uchebn.zav.elektromekh. 3 no.12.88-97 '60.

Generalized methods for calculating mutual and input conductances of single measuring bridge circuits. V.G. Pustynnikov. Izm.tekh. no.5:25-27 My '61.

The P 316 d.c. bridge. A.F.Gorodovskii, V.P.Kotel'nikov. Izm.tekh. no.5:28-31 My '61.

BRIDGE CIRCUITS—TESTING

Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 101-56 for checking d.c. measuring bridges] Instruktsiia 101-56 po poverke izmeritel'nykh mostov postoiannogo toka. Izd.ofitsial'noe. Moskva, 1957. 35 p.

Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 102-56 for checking a.c. measuring bridges] Instruktsiia 102-56 po poverke mostov peremennogo toka. Izd.ofitsial'noe. Moskva, 1957. 35 p.

BRIDGE CONSTRUCTION

(see also subdivision under Ukraine)

Prestressed reinforced keramzit concrete bridge. I.G. Ivanov-Dimitov and others. Avt.dor. 24 no.3:12-15 Mr '61.

BRIDGES

Determining the place for the marks of the rated navigable level under bridges. P.P. Konovalov. Avt dor. 24 no.4:26 Ap '61.

Stability of the compressed area of an open bridge. I.F. TSelyikin. Trudy MIIT no.131:230-240 '61.

BRIDGES—FOUNDATIONS AND PIERS

(see also subdivision under Archangel)

Foundations of reinforced concrete shells. K.S.Silin, N.M.Glotov. Avt.dor. 24 no.3:15-16 Mr '61.

BRIDGES—TRESTLES see Trestles

BRIDGES, CONCRETE

(see also subdivision under Abidjan, Ivory Coast Republic; Great Britain; White Russia)

Building reinforced concrete spans of road bridges M.V.Iolin Transp.stroi. 11 no 4 15-18 Ap '61

Nosovskii, V.V. [Manufacture and assembly of bridge spans] Izgotovlenie i montazh proletnykh stroenii mostov. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 77 p.

Standardizing prestressed beams for road and city bridges. IU.M. Mitrofanov Transp.stroi 11 no 4 37-40 Ap '61.

BRIDGES, WOODEN

Promote the use of glued wooden structures. I.A.Ten, N.D Pospelov. Avt.dor. 24 no.4.10-11 Ap '61.

BRILING, NIKOLAI ROMANOVICH, 1876-1961

Nikolai Romanovich Briling, 1876-1961; obituary. Avt. prom. 27 no.5:0 My '61.

Nikolai Romanovich Briling; obituary. Avt.transp. 39 no.4:57 Ap '61.

BRILL'S DISEASE see Typhus fever

BROACHING MACHINES

Local stresses in flat broaches. P.N.Orlov. Stan.i instr. 32 no.5:27-30 My '61.

Moscow. Vsesoiuznyi issledovatel'skii instrumental'nyi institut. [High-duty design of broaches and their efficient use] Vysokoproizvoditel'nye konstruktsii protiazhek i ikh ratsional'naia ekspluatatsiia. Pod red. M.N. Larina. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 119 p.

Pneumohydraulic machine for broaching holes. N.Korol'kov. Mashinostroitel' no.5:22 My '60.

Two-position four-station turntable for the 7D720 broaching machine. V.G.Nikitin, M.I.Karabanov. Mashinostroitel' no.5:27-28 My '60.

BROILERS (POULTRY)

Broiler, a living link on the conveyer. I. Litvinenko. Tekh. mol. 29 no. 4:14-15 Ap '61.

BROMINATION

Bromination of unsaturated compounds Part 5 Kinetics and mechanism of the bromination of the ethylenesulfonate ion by hypobromous acid N P Kamaev Izv vys ucheb zav , khim i khim tekh 4 no 2 225-228 '61

BROMINE

Effect of caffeine and bromine on the process of conditioned reflex generalization in puppies [with summary in English]. M P. Klitvina. Zhur. vys. nerv. deiat 10 no. 2 274-279 Mr-Ap '60.

Role of haloids (bromine and iodine) in the metamorphosis of amphibia [with summary in English] O. A. Krylov. Biul eksp. biol i med. 50 no. 7 85-89 Jl '60.

Studies on goitrous thyroid glands for iodine and bromine content. E S Turetskaia Probl. endok i gorm 7 no 2 75-80 Mr-Ap '61

BROMINE—ANALYSIS

Determination of chlorine and bromine in liquid organic compounds by the Schöniger-Bennewitz micromethod [with summary in English] I A Tsvorskaia, V I Lukina. Vest. LGU 16 no 10 148-151 '61

BROMINE METABOLISM

Effect of the functional state of the central nervous system on bromide distribution in various organs and tissues of white rats [with summary in English]. I N Verkhovskaia, L. M. TSofina Biul. eksp. biol i med. 51 no 1 50-54 Ja '61.

BRONCHI

Bronchial calculus following rupture of a caseous-fused lymphatic gland in the lumen of the bronchial tree in the adult. A. N. Protopopov, A. A. Chelnokova. Probl. tub. 38 no. 3:114-115 '60.

Internal lymphatic system of the main bronchi in man [with summary in English] V N Balashev, L D Zhemchuzhnikova. Arkh anat. gist i embr 40 no 3 66-69 Mr '61.

BRONCHI—BLOOD SUPPLY

Some comparative anatomical data on the bronchial arteries [with summary in English]. L. M. Selivanova. Arkh anat. gist i embr. 39 no. 7 69-73 Jl '60.

BRONCHI—CANCER

Changes in the bronchial tree in pneumoconioses combined with bronchogenic cancer. E A Dikshtein. Vop onk. 7 no 3.20-26 '61.

BRONCHI—TUMORS

Clinical problems of bronchial adenoma S. D Pletnev. Vop. onk. 7 no 2 60-68 '61

BRONCHIECTASES

Treatment of patients with bronchiectasis with antibiotics associated with bronchoscopy. D G. Leizerovskaia, M.E. Feklisova. Terap.arkh. 33 no. 4:49-54 '61

BRONCHOSCOPY

Bronchoscopy in patients with tuberculosis after resection of the lung G. B. Podgaetskii Probl. tub 39 no 3 40-44 '61

Bronchoscopy under intravenous anesthesia in combination with muscle relaxants. I. G. Klimkovich. Akt. vop. obezbol. no. 2:97-104 '59.

Tracheobronchoscopy at a regional antituberculosis dispensary. E. G. Beloshud. Probl. tub. 38 no. 3: 112-114 '60.

BRONZES

(see also subdivision under Kabul)

Catalytic properties of sodium-tungsten bronzes, which are defective structures A. A. Balandin, N P Sokolova Probl. kin. i kat 10 363-368 '60

Elementary stages of the dehydration of alcohols on Al_2O_3 catalysts V. E. Vasserberg, A A Balandin. Probl kin i kat. 10:358-362 '60.

BROWN, MOUNT, ANTARCTICA—PETROLOGY

Geological structure of Mount Brown. P. S. Voronov, L. V. Klimov, E. M. Orlenko. Trudy NIIGA 113.98-122 '60.

BROWNIAN MOVEMENTS

Application of the theory of Brownian movement in the investigation of interference rejection of radio pulse servo systems. A. M. Vasil'ev. Nauch dokl. vys shkoly, radiotekh i elektron no. 2 3-13 '59

BRUCELLA

Dynamics of the formation of antibiotic-resistant forms of Brucella [with summary in English]. V. S Uralova. Antibiotiki 6 no. 3:262-025 Mr '61.

Phage-induced changes in the antigen complexes of Brucella [with summary in English]. L. I. Dubrovskaia, N. N. Ostrovskaia. Biokhimiia 26 no. 2:290-295 Mr-Ap '61.

BRUCELLOSIS

Biological test on guinea pigs in the diagnosis of brucellosis. K. D. Dzhalilov. Med zhur Uzb. no. 3.65-67 Mr '61.

Blood protein fractions in brucellosis patients following treatment with antibiotics, vaccine, and hormone preparations. IU N. Gurskii, IU. F. Shcherbak. Lech. infekts. bol', no. 4:219-228 '60.

Differentiated evaluation of the effectiveness of ACTH and drugs similar in type to cortisone in chronic brucellosis. IU N. Gurskii. Lech. infekts. bol', no. 4: 210-218 '60

Electrophoretic and immunochemical study of the protein components of the blood serum in guinea pigs in the development of Brucella infection [with summary in English]. M V. Ispolatovskaia O A. Baikaeva, N N. Ostrovskaia Biul eksp biol i med. 49 no. 3:46-50 Mr '60.

Factor of permeability of the vessels in the treatment of chronic brucellosis. IU. F. Shcherbak. Lech infekts. bol', no. 4 296-305 '60.

Hemopoiesis in vaccinotherapy for brucellosis. Sh Khodzhaev. Lech infekts bol'. no. 3 223-231 '57.

Pathogenesis in recurrences of brucellosis and antibiotic therapy for them. Sh. Kh Khodzhaev. Lech. infekts. bol'. no. 4:189-198 '60.

Pathomorphological changes in the aural labyrinth in animals in brucellosis [with summary in English] IU.P. Tolstov. Zhur. ush., nos. i gorl. bol. 20 no. 1:36-43 Ja-F '60.

Peculiarities in the clinical aspects and antibiotic therapy in the over-all treatment of present-day brucellosis G. P. Rudnev, M. M. Mikhailova. Lech. infekts bol'. no. 4.184-188 '60.

Result of treating patients with generalized brucellosis with antibiotics and vaccines under hospital conditions L. V. IAnovol, V. F. Birlukova, V A Shalomaenko. Antibiotiki 6 no. 3:238-240 Mr '61

Role of wild fauna in the epidemiology and epizootology of brucellosis I. F Taran Vest AMN SSSR 15 no. 3: 70-77 '60

Urgent tasks in the clinical aspects and treatment of brucellosis. M. M. Mikhailova, G. P. Rudnev. Lech. infekts. bol'. no 3 140-155 '57.

Use of oxytetracycline for intramuscular administration in the treatment of chronic brucellosis. IU. N Gurskii, M M Mikhailova, IU. F. Shcherbak Antibiotiki 5 no. 2.110-114 Mr-Ap '60.

BRUNO, GIORDANO, 1548-1600

Titan of thought M. Khomenko Znan ta pratsia no. 2: 15 F '61.

BRYANSK—MUSIC—INSTRUCTION AND STUDY

A city must have musicians. T. IAgodkina. Sov. muz. 25 no 5.157-160 My '61

BRYANSK—THEATER

"Echo in the Bryansk Forest." V. Sechin. Teatr 22 no. 5: 106-107 My '61.

BRYANSK—WATER SUPPLY

Innovator working in the Bryansk water supply system. IU. Krutogorov. Zhil.-kom. khoz. 11 no. 2 16 F '61.

BRYANSK—WOMEN—SOCIETIES AND CLUBS

The Women's Committee in Bezhitsa. Z. Sokolovskaia. Sov. deput. trud. no. 6:72-75 Je '61.

BUBONIC PLAGUE see Plague

BUCHAREST—DESCRIPTION

Bucharest sketches. I. Trofimova. Nov. vrem. 19 no. 24: 29-31 Je '61.

BUCHAREST—UKRAINIAN PHILOLOGY

At Bucharest University. M. A. Laszlo. Rad. lit. 6 no. 3:157 My-Je '61.

BUCKWHEAT

(see also subdivision under Kustanay Province)

Buckwheat. G. M. Solov'ev. Priroda 50 no. 6:33-38 Je '61.

Change of intracellular reactions in the buckwheat stigma due to the effect of pollination [with summary in English] Z P. Pausheva. Zhur. ob. biol 22 no 3: 220-225 My-Je '61.

Growing hybrid buckwheat seeds I. M. IElahin. Visnyk sil'hosp. nauky 4 no 4 45-50 Ap '61

BUDAPEST—PLANT PROTECTION—CONGRESSES

Scientific conference on plant protection in Budapest, July 19-22, 1960. L. N. Andreev. Biul. Glav. bot. sada no. 39.101-102 '60

BUDAPEST—WORLD WAR, 1939-1945

Lajos Szabo and his friends. A. Shchelkov. Sov. voin. 41 no. 6:26-27 Mr '60.

BUDGET see subdivision under Africa; Europe, Eastern; Great Britain; Kazakhstan, Ukraine

BUG VALLEY—GEOLOGY, STRUCTURAL

Pre-Cambrian geological structure of the middle Bug Valley based on geophysical data. H. K. Kazhelov. Geol. zhur. 20 no. 2:27-39 '60.

BUG VALLEY—SEDIMENTS (GEOLOGY)

Lithological and mineralogical characteristics of upper Miocene sediments in the upper Bug Valley. A. P. Mel'nyk. Geol. zhur. 20 no. 2:76-84 '60.

BUGUL'MA DISTRICT—INSURANCE, SOCIAL—EMPLOYEES

A good organizer has arrived N Babkin Sots. obesp 22 no 5 17-18 My '61

BUILDING

Construction projects of the cellulose and paper industry. A. L. Silich. Mont. i spets. rab. v stroi. 23 no. 4.8-9 Ap '61.

New designs and products for assembling a system of inspection and automation. E. A. Pautkin, P. I. IAnovskii. Mont. i spets. rab. v stroi. 23 no. 4.9-13 Ap '61.

BUILDING—ABSTRACTS

[Journal of abstracts' Construction and architecture.] Ref. zhur. Stroi i arkhit. no 3 '61

BUILDING—ACCIDENTS

(see also subdivision under Leningrad)

Lessons learned from accidents to stone buildings. S. A. Sementsov, I.I.Ulits'kii. Visnyk ADIA URSR no. 1 51-54 '61.

BUILDING—COLD WEATHER CONDITIONS see subdivision under Russia, Northern

BUILDING—CONTRACTS AND SPECIFICATIONS

Amendments and additions to the technical part of the No 12-M collection of standard district estimates. Part I (1959 edition) Biul stroi tekh 18 no 5 20-21 My '61

BUILDING—DETAILS

Problems in the finishing of large-panel buildings L. Lopovok, A Orlov, V. Khmelevskii Zhil stroi no 4 2-7 Ap '61

BUILDING—ESTIMATES

Analysis of cost estimations in the construction of schools A Budilovich Ekon stroi no. 4:21-25 Ap '61

Index to rate lists for assembling equipment Ekon stroi. no 4:60 Ap '61.

Simplifying estimates in construction A. Lopat'evskii Ekon. stroi. no. 4 10-12 Ap '61

Some questions in planning the net cost of building and assembly operations. S. Fridman. Ekon stroi. no. 4 48-52 Ap '61.

BUILDING—SAFETY MEASURES

In situ masonry and assembly operations P. Kaminskii Stroitel' no 4 31 Ap '61

BUILDING—TECHNOLOGICAL INNOVATIONS

New techniques in planning. B Shmulenzon, E. Dashkov. Zhil stroi no 4 23-26 Ap '61

BUILDING—TOOLS AND IMPLEMENTS see subdivision under Kostopol'

BUILDING, CONCRETE see Concrete construction

BUILDING, UNDERGROUND see Underground construction

BUILDING INDUSTRY see Construction industry

BUILDING LAWS

"Building contracts in major construction work" by V. S Chigir. Reviewed by A Holovko, I. Lesnik. Rad. pravo no 2 140-142 Mr-Ap '60

Residential construction to which workers contribute their leisure hours. I Tanchuk. Sov. iust. no. 4:22-27 Ap '60.

"Rights and obligations of individual housebuilders." Reviewed by An. Tkach and others. Rad pravo no 2. 142-147 Mr-Ap '60

BUILDING MACHINERY

(see also subdivision under Krasnodar)

Coefficient of stability of pipelayers must not be more than one. A. L. Lipovich. Stroi. truboprov. 6 no. 2. 28-29 F '61.

Mandrik, P. E. [Textbook for the mechanic on the construction site] Posobie dlia mekhanika stroitel'nogo uchastka. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961, 264 p.

Mechanized building automobile train Stroitel' no. 4: 26 Ap '61

New construction machinery. Sel'. stroi. 15 no. 3:20 Mr '61.

BUILDING MACHINERY—EXHIBITIONS

Machinery for construction jobs. K. Privalovskii. Sel'. stroi. 15 no. 2:22-23 F '61.

BUILDING MACHINERY—MAINTENANCE AND REPAIR

Let's improve the system of repairing construction machinery. V. M. Komarov. Stroi. truboprov. 6 no. 2: 27-28 F '61.

Repair service of the construction and assembly organizations. N. A. Tarakan. Mekh. stroi. 18 no. 3:17-19 Mr '61.

BUILDING MACHINERY INDUSTRY
In the State Committee on Automation and Machine Construction of the Council of Ministers of the Soviet Union. Stroi i dor. mash. 6 no. 2-40 F '61.
January Plenum of the CPSU and the problems of construction and road machinery manufacture. Stroi. i dor. mash. 6 no. 2 3 F '61.

BUILDING MACHINERY INDUSTRY —HYGIENIC ASPECTS see subdivision under Moscow

BUILDING MATERIALS
(see also subdivision under Lvov Economic region)
Builders must work profitably S Bagan'iants. Nar. khoz. Kazakh. 19 no 5 25-29 My '61.
Efficient building materials from menilite slates. K. A. Halabuts'ka Pyt. rozv. prod. kyi Lviv. i Stan. ekon adm. zat. no. 1 150-156 '60
In the Research Institute for Construction Materials and Parts Biul stroi tekh 18 no 5 16 My '61
Kartashov, N. A., and E. I. Tishchenko. [Building materials made of molten blast-furnace slags] Stroitel'nye materialy iz ognenno-zhidkikh domennykh shlakov. [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1960. 101 p.
New construction materials. Sel'. stroi. 15 no. 3:21 Mr '61

BUILDING MATERIALS—STANDARDS
New standards for building materials and articles. Stroi. mat. 7 no. 4-3 of cover Ap '61.

BUILDING MATERIALS INDUSTRY
(see also subdivision under Angarsk; Hungary; Usman; White Russia)
Creating interdistrict factories for the construction industry V. Mitrofanov. Ekon stroi no. 4:70-72 Ap '61

BUILDING RESEARCH
Basic objectives of the most important research and experimentation in the field of construction Biul stroi tekh. 18 no 5 11-14 My '61
Contemporary state of heat engineering in the construction industry. A. N. Borshchevskii. Inzh.-fiz. zhur. 4 no. 4:129-140 Ap '61.

BUILDING STONES—TRANSPORTATION
Mechanizing the extraction and loading of building stone. M. G. Leikin, V. L. Makarov. Mekh. stroi. 18 no. 3: 16-17 Mr '61.

BUILDING TRADES
Dogaiykh, IA. D., and others. [Textbook for training agricultural construction workers] Posobie po podgotovke rabochikh-stroitelei v sel'skom khoziaistve. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 630 p.

BUILDINGS
Needed book ("Service buildings along automobile highways" by A. S. Konikov. Reviewed by L. V. Novikov). Avt. dor. 24 no. 4:27 Ap '61.

BUILDINGS, PLASTIC
House made of plastics. V. Golovinskii. IUn tekh. 5 no. 1:32 Ja '61

BUILDINGS, PORTABLE see subdivision under Yakutia

BUILDINGS, PREFABRICATED
Conference on large-panel housing construction. IU. Nikolaev. Ekon. stroi. no 4:57-58 Ap '61
Construction of sectional trackwalkers' houses. E. M. Mazur. Stroi. truboprov. 6 no. 2:16-17 F '61.
Prefabricated room units are the modern "bricks" of the new construction methods. P. Bromnikov. Tekh. mol. 29 no. 5:1-3 '61.

BUKHARA—HISTORY
History of popular movements in the Bukhara Khanate in the 16th-18th centuries. M. A. Abduraimov. Izv. AN Uz. SSR no. 4:63-73 '56.

BUKHARA—REVOLUTION, 1917-1921
The 40th anniversary of the Soviet revolution in Bukhara. A. R. Rakhimov. Obshchestv. nauki v Uz. no. 1:70 '61.

BUKHARA PROVINCE—STATE FARMS
On a new state farm. Zifa Kabilov. Uzbekistan 18 no. 11: 11 N '59.

BUKOVINA—ECONOMIC CONDITIONS
The past and present of Bukovina. N. I. Syrota. Ukr. ist. zhur. 4 no. 2.157-160 Mr-Ap '60.

BUKOVINA—FOLKLORE, UKRAINIAN
The Second Conference of Bukovina Folklorists. I. Serediuk Nar. tvorch. ta etn. 4 no. 4.149-151 O-D '60.

BUKOVINA—HISTORY
The past and present of Bukovina. N. I. Syrota. Ukr. ist. zhur. 4 no. 2 157-160 Mr-Ap '60.

BUKOVINA—ORTHODOX EASTERN CHURCH
Old newspapers tell these stories. Volov, ateist no. 4: 36-37 Ap '61.

BULAKHOVSKII, LEONID ARSEN'EVICH, 1888-1961
L. A. Bulakhovskii; an obituary. Rad. lit. 6 no. 3:158 My-Je '61.

BULGARIA—BLAST FURNACES—MAINTENANCE AND REPAIR
Smelting lead-bearing iron ores in the blast furnace [with summary in English] A M Sukhachev Stal' 20 no 7,590-593 Jl '60

BULGARIA—BOTANICAL RESEARCH
Ecological and physiological research in Bulgaria A. A. Shakhov. Bot zhur. 45 no. 4:625-629 Ap '60

BULGARIA—COMMUNIST PARTY
History of Soviet-Bulgarian friendship ("How the Communist Party of Bulgaria tried to defend Soviet Russia" [in Bulgarian] by TSanko Nikolov. Reviewed by E. G. Baskakov). Ist SSSR 5 no. 3 220-222 My-Je '61.

BULGARIA—EDUCATION
Regulating wages of educational personnel in Bulgaria. I. Gorodinskaia. Biul. nauch. inform.: Inst. ekon. zar. plata 4 no. 5.63-67 '61.

BULGARIA—ETHNOLOGY
Comparative study of the history of Bulgarian and eastern Slavic national costumes and the problem of the ethnic origin of the Bulgarian people IA. P. Pavlykho Nar. tvorch. ta etn. 5 no 1-69-76 Ja-F '61

BULGARIA—HISTORY
"Bulgaria on the eve of the Balkan Wars of 1912-1913" by V A Zhebokritskii. Reviewed by I N Chastukhin. Nov i noveish ist no 3 136-138 '61.
V. G. Korolenko and Bulgaria. A. M. Rubinshtein. Lit. slav. nar. no. 5:257-275 '60.

BULGARIA—KOROLENKO, VLADIMIR GALAKTIONOVICH, 1853-1921
V. G. Korolenko and Bulgaria. A. M. Rubinshtein. Lit. slav. nar. no. 5:257-275 '60.

BULGARIA—MICROBIOLOGICAL RESEARCH
Work of microbiological institutions in Bulgaria. E. N. Mishustin. Izv. AN SSSR. Ser. biol. no. 3 472-482 My-Je '61.

BULGARIA—NEUROPSYCHIATRY
Development and activity of the Psychoneurological Research Institute in Bulgaria. G. G Garnev, V. B Ivanov. Zhur nevr. i psikh. 60 no 11.1529-1536 '60.

BULGARIA—PHYSICAL THERAPY—CONGRESSES
First Conference on Health Resort Therapy and Physical Therapy in the People's Republic of Bulgaria A. D. Borisov, H. Lachman Vop. kur., fizioter. i fiech. fiz. kul't 26 no 1 75-79 '61

BULGARIA—POLITICS AND GOVERNMENT
Present-day organization of Bulgarian people's councils. N. Muleshkov. Rad. pravo no. 3-121-125 My-Je '61.

BULGARIA—SCHOOL HYGIENE
Some problems of school hygiene in Bulgaria. Z Ivanova, D. Iliev. Gig. i san 25 no. 3 78-83 Mr '60

BULGARIA—TEXTILE INDUSTRY—EXHIBITIONS
International scientific and technical conference and International Fair-Exhibition in Bulgaria. V. A. Usenko. Izv. vys. ucheb. zav.; tekh. teks. prom. no. 2: 158-162 '61.

BULGARIA—TRADE UNIONS
History of the Bulgarian trade-union movement from 1900 to 1004. O. V. Pantsukhlova Uch. zap. SGU 68:186-203 '58.

BULGARIA—ULTRASONIC WAVES
Ultrasonics in the Bulgarian People's Republic. L. G. Merkulov. Akust. zhur. 6 no. 1:141 '60.

BULGARIA—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS
"How the Bulgarian people struggled under the leadership of the Communist Party for their national social freedom, 1941-1944" by I V. Ganevich. [tr. by M D. Dykhan, V. D. Siuta'kyi. Ukr. ist. zhur. no. 3:127-128 My-Je '61.

BULGARIANS see subdivision under Rumania

BULKHEADS (NAVAL ARCHITECTURE)
Suspended shifting boards. E. Gusev. Mor. flot 21 12 My '61.

BULLDOZERS
Determining stresses occuring in bulldozer pushb A. E. Mitrofanov. Izv. vys. ucheb zav.; les zhur no. 1:83-87 '60.
Improvement of a bulldozer moldboard. Stroitel' 27 Ap '61.

BULLION see Precious metals

BULLS
Methods for evaluating bull sires. F. F. Eisner. Biologiia no. 3:426-431 My-Je '61.

BUNGER HILLS, ANTARCTICA—CLIMATE
Basic climatic characteristics of Bunger'a Oasis A. V. Solopov. Meteor. i gidrol. no. 6:36-40 Je

BUNGER HILLS, ANTARCTICA—FROZEN GROUND
Thermokarst phenomena in eastern Antarctica N I Grigor'ev Inform biul Sov. antark ekspe no 25 14-18 '61

BUNIN, IVAN ALEKSEEVICH, 1870-1953
A letter written by Kachalov to Bunin Teatr 22 no. 5:134 My '61.

BUOYS
Shapovalov, P. B. [Ship canals and channels and the buoyage of waterways] Morskie kanaly i navigatsionnaia obstanovka morskikh putei. Moskva, Izd-vo "Morskoi transport," 1960. 204 p.
Technical and economic grounds for the length of a buoyage sector serviced by a brigade. V. Tavrizov. Rech. transp. 20 no. 5 29-30 My '61.

BURBOT
Seasonal variation of the intensity of digestive processes in the burbot. O. A. Gomazkov. Vop. ikht. no. 17:75-82 '61.

BUREAUCRACY see subdivision under Uzbekistan

BURKHANOV, MUTAL MUZAINOVICH, 1916-
A revised song. V. Borkov. Sov. muz. 25 no. 6:98-101 Je '61.

BURMA—DESCRIPTION AND TRAVEL
In far-away Burma. B. G. Rozanov. Priroda 50 no. 6: 86-90 Je '61.

BURMA—ECONOMIC CONDITIONS
Economic and political conditions in present-day Burma. H. Klymko. Komm. Ukr. 36 no. 6:76-82 Je '61.

BURMA—POLITICS AND GOVERNMENT
Economic and political conditions in present-day Burma. H. Klymko. Komm. Ukr. 36 no. 6 76-82 Je '61.

BURMESE LANGUAGE—PHONETICS
The system of tones in the Burmese language. N. D. Andreev, M. V Gordina, O. A Timofeeva Uch. zap. LGU no 294.71-83 '61

BURNERS
Using spray burners for liquid fuel combustion in glass furnaces. A. A. Sukhov. Stek. i ker. 18 no. 3.38-42 Mr '61.

BURNS AND SCALDS
Akademiia meditsinskikh nauk SSSR, Moscow. [Problem of trauma, transactions of the 11th session of the General Meeting of the Academy of Medical Sciences of the U. S. S. R.] Problema travmy; trudy XI sessii obshchego sobraniia Akademii meditsinskikh nauk SSSR. Otv red. I. V. Davydovskii. Red. kol. B. G. Egorov i dr. Moskva, Gos. izd-vo med. lit-ry, 1960. 175 p.
(DNLM)
Modern therapy for burns. T. IA Ar'ev. Vest. derm. i ven 35 no. 4:3-8 Ap '61
Sensitivity to burn injury at various stages in the development of radiation sickness. A. L. Komendantova. Pat. fiziol. i eksp. terap. 5 no. 2 64 Mr-Ap '61.

BURNS AND SCALDS—CONGRESSES
First International Congress on the Study of Burns. N. A. Fedorov. Pat. fiziol. i eksp. terap 5 no. 2.78-82 Mr-Ap '61.

BURSAE OF SHOULDER
Topography of the synovial bursas of the shoulder joint [with summary in English] I. G. Gurbanaliev Arkh. anat gist. i embr. 40 no 2-48-53 F '61

BUSINESS—FORMS, BLANKS, ETC see subdivision under Velikomikhaylovka District

BUSINESS CYCLES
(see also subdivision under United States)
Militarization of the capitalist economy and cyclic crises. V. Avarin. Mir. ekon i mezhdunar otn. no 6 87-92 Je '61.

BUSINESS MATHEMATICS
"Commercial computing" by L. Kh. Gurvits. Reviewed by IU. Ivanov. Bukhg. uchet 18 no. 5 77-79 My '61.

BUTADIENE
Chemical structure of a diisopropenyl sponge polymer. A. I. Spasskova, E. F. Rozanov. Zhur. ob. khim. 31 no. 5 1505-1508 My '61.

Hydrogenation of sodium polybutadiene. A. I. IAkubchik, B. I. Tikhomirov, L. N. Mikhailova. Zhur. prikl. khim. 34 no. 3 652-655 Mr '61.

Industrial testing of soft butadiene-nitrile rubbers. N. A. Bogdanovich, Z. N. Bol'shakova, Z. D. Tiuremnova. Kauch. i rez. 20 no. 3 45-46 My '61.

Polymerization of butadiene with styrene in an emulsion with the use of rosin soap at 5°. I. L. Radchenko and others. Kauch. i rez. 20 no. 5 5-11 My '61.

Properties of soft butadiene-nitrile rubbers and their uses in the manufacture of rubber products for industry. A. S. Novikov and others. Kauch. i rez. 20 no. 5 20-26 My '61.

Rate of divinyl conversion on a n-butylene dehydrogenation catalyst [with summary in English]. V. A. Kolobkhin, I. IA. Tiuriaev. Zhur. fiz. khim. 35 no. 4 776-781 Ap '61.

Reactors for emulsion polarization. IA. Ul'brikht. Kauch. i rez. 20 no. 5 12-15 My '61.

BUTANE
Characteristics of the process involving the dehydrogenation of n-butane to n-butylene in the first few minutes of the action of the catalyst following the latter's regeneration. I. IA. Tiuriaev. Zhur. prikl. khim. 34 no. 3 703-705 Mr '61.

Converter of a butane dehydrogenation unit. D. A. Kaushanskii, V. V. Moskalenko. Khim. mash. no. 3 3-5 My-Je '61.

Critical phenomena observed during the liquid phase oxidation of butane in benzene. E. A. Blumberg, A. D. Mailevskii, N. M. Emanuel'. Dokl. AN SSSR 136 no. 5: 1130-1132 F '61.

BUTANEDIAMINE
Results with isoprine (diisopropylputrescine) in neuropsychiatric diseases [with summary in English]. V. V. Kovalev. Farm. i toks. 24 no. 1 57-61 Ja-F '61.

BUTENE
Characteristics of the process involving the dehydrogenation of n-butane to n-butylene in the first few minutes of the action of the catalyst following the latter's regeneration. I. IA. Tiuriaev. Zhur. prikl. khim. 34 no. 3:703-705 Mr '61.

Rate of divinyl conversion on a n-butylene dehydrogenation catalyst [with summary in English]. V. A. Kolobkhin, I. IA. Tiuriaev. Zhur. fiz. khim. 35 no. 4 776-781 Ap '61.

BUTLEROV, ALEKSANDR MIKHAILOVICH, 1828-1886
Butlerov, A. M. [Scientific and educational activities, collection of documents] Nauchnaia i pedagogicheskaia deiatel'nost', sbornik dokumentov. Moskva, Izd-vo Akad. nauk SSSR, 1961, 416 p.

BUTTER TRADE see subdivision under Moscow

BUTTER TRADE—EQUIPMENT AND SUPPLIES
Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 61-54 for checking butter-testing balances] Instruktsiia 61-54 po poverke maslopробnykh vesov. Izd. ofitsial'noe. Moskva, 1957, 10 p.

BUTYL BORATE
β-Decomposition of butyl esters of α, β-dibromoethylboric and β, γ-dibromopropylboric acids. B. M. Mikhailov, P. M. Arenovich. Izv. AN SSSR Otd. khim. nauk no. 5:927-929 My '61.

BUTYL PHOSPHATE
Effect of temperature on the extraction of nitric acid with tributyl phosphate. N. M. Adaniskii and others. Radiokhimiia 2 no. 1:13-19 '60.

BUTYL RUBBER
(see also subdivision under Great Britain)
Formation of strong cross-links in the vulcanization of butyl rubber [from "Gummi und Asbest," no. 10, 1960]. Kauch. i rez. 20 no. 5:63 My '61.

BUTYRALDEHYDE
Polymerization of aldehydes at high pressures. Part 1: Polymerization of butyraldehyde under pressure [with summary in English]. V. M. Zhulin, M. G. Gonikberg. Vysokom. soed. 3 no. 2:262-267 F '61.

Polymerization of aldehydes at high pressures. Part 2. Mechanism of butyraldehyde polymerization under pressure [with summary in English]. M. G. Gonikberg, V. M. Zhulin. Vysokom. soed. 3 no. 2 268-275 F '61.

BUTYRIC ACID
Bacterial method for the production of γ-aminobutyric acid [with summary in English]. E. M. Gubarev, IU. V. Galaev. Biokhimiia 25 no. 2 262-263 Mr-Ap '60.

Effect of β-hydroxy-γ-aminobutyric acid on the bioelectric activity of ganglia of the isolated nerve chain in lepidopterans. S. M. Vereshchagin, I. A. Sytinskii, V. P. Tyshchenko. Dokl. AN SSSR 138 no. 3 722-724 My '61.

BUTYROLACTONE
Synthesis of γ-carboxybutyrolactones. Part 1. Oxidation of α-substituted γ-chlorallylacetic acids by hydrogen peroxide in acetic anhydride. M. T. Dangian, G. M. Shakhnazarian. Zhur. ob. khim. 31 no. 5 1613-1647 My '61.

BUZOVNY REGION—SAND
Sand drifts in Buzovny and their causes. A. A. Ali-zade. Trudy AzNII DN no. 9:99-101 '60.

BUZULUK DISTRICT—PRODUCE TRADE
How we organize the produce trade. V. Sutormin. Sov. deput. trud. no. 6 51-51 Je '61.

BYALOVEZHSKA PUSHCHA—FOREST SOILS
Brown forest soils of western White Russia. B. G. Rozanov. Vest. Mosk. un. Ser. 6 Biol., pochv. 16 no. 2 55-66 Mr-Ap '61.

BYLINY
Astakhova, A. M., and others, eds. [Byliny of the Pechora and Zimniy Berega areas, new transcriptions] Byliny Pechory i Zimnego berega, novye zapisi. Moskva, Izd-vo Akad. nauk SSSR, 1961. 606 p. (Pamiatniki russkogo fol'klora)

BYRON, GEORGE GORDON NÖEL BYRON, 1788-1824
Byron's historical tragedies and certain aspects of his dramaturgy. IU. M. Kondrat'ev. Uch. zap. Mosk. gor. ped. inst. 75 37-81 '59.

Byron's poem "Don Juan." V. D. Belen'kaia. Uch. zap. Mosk. gor. ped. inst. 75.83-116 '58.

The poetics of Byron's "Childe Harold's pilgrimage." D. K. TSatlik. Uch. zap. Kish. un. 37:30-51 '59.

BYZANTINE EMPIRE
"Italy and the Byzantine Empire in the sixth century" by Z. V. Udal'tsova. Reviewed by M. Zaborov. Vest. drev. ist. no. 1 151-155 '61.

BYZANTINE EMPIRE—RELATIONS (GENERAL) WITH GEORGIA
History of Georgian-Byzantine political relations in the first half of the 11th century [in Georgian with summary in Russian]. V. Kopaliani. Trudy Tbil. GU 77:1-26 '59.

CABBAGE
Changes in the quality and quantity of nitrogenous substances in cabbage species and varieties [with summary in English]. G. A. Lukovnikova. Trudy po prikl. bot., gen. i sel. 32 no. 3:119-158 '59.

History of the botanical investigation of cabbage (Brassica oleracea L.). T. V. Lizgunova. Trudy po prikl. bot., gen. i sel. 32 no. 3:37-70 '59.

Structural characteristics and comparative anatomic description of the cotyledon epidermis of certain cabbage species and varieties. S. F. Zakharevich. Trudy po prikl. bot., gen. i sel. 32 no. 3:193-213 '59.

CABLES
Methods of testing heat-resistant cables for durability at high temperature. I. S. Lupakov, IU. S. Kuz'michev. Zav. lab. 27 no. 5:589-591 '61.

CADINOL
Isolation of (+)-δ-cadinol from Pinus sibirica R. Mayr oleoresin and its identity with torreyol and sesquigoyol. V. A. Pentegova, O. Motl, V. Gerout. Dokl. AN SSSR 138 no. 4 850-851 Je '61.

CADMIUM
Adsorption, migration, and evaporation of cadmium on tungsten. I. L. Sokol'skaia. Fiz. tver. tela 3 no. 3: 790-795 Mr '61.

CADMIUM—ANALYSIS
Polarographic determination of cadmium on an acid sulfate-iodide background. V. A. Oshman, A. P. Chistiakova. Zav. lab. 27 no. 5:632-636 '61.

Polarographic determination of small amounts of thallium in cadmium. E. K. Prokof'ev. Zav. lab. 27 no. 5: 530-532 '61.

CADMIUM—ISOTOPES
Investigating the effect of small additions of cadmium on the parameters of volumetric and boundary diffusion of cadmium in copper. A. L. Revo. Fiz. met. i metalloved. 11 no. 5:725-729 My '61.

CADMIUM—METALLURGY
Zonal refining of zinc and cadmium. B. N. Aleksandrov. Fiz. met. i metalloved. 11 no. 4 588-595 Ap '61.

CADMIUM-ANTIMONY ALLOYS
Intermetallic compound of $CdSb_2$. IA. A. Ugai, IU. I. Dolgova, T. A. Zhubina. Dokl. AN SSSR 138 no. 1 856-858 Je '61.

CADMIUM-ANTIMONY ALLOYS—CORROSION
Corrosion of cadmium-antimony alloys in sulfuric acid [with summary in English]. I. M. Bokhovkin. Zhur. fiz. khim. 35 no. 4 789-792 Ap '61.

CADMIUM CHLORIDE
Electric conductivity of the system polyvinyl alcohol - zinc chloride (cadmium chloride) - water. N. G. Bardina, P. D. Lukovtsev. Zhur. prikl. khim. 34 no. 10:2234-2238 O '60.

CADMIUM COMPOUNDS
Cellulose solutions in a cadmium-ethylenediamine complex. L. S. Bolotnikova, T. I. Samsonova. Zhur. prikl. khim. 34 no. 3:659-662 Mr '61.

CADMIUM IN THE BODY
Copper, zinc and cadmium content of the organs of rabbits with malignant tumors. V. I. Gorodyskii, I. V. Veselaia. Vop. med. khim. 6 no. 2 126-130 Mr-Ap '60.

CADMIUM IODIDE
Polarographic determination of cadmium on an acid sulfate-iodide background. V. A. Oshman, A. P. Chistiakova. Zav. lab. 27 no. 5:532-536 '61.

CADMIUM OXIDE
Studies in the field of cadmium peroxide compounds. V. F. Boiko. Izv. vys. uchеb. zav., khim. i khim. tekh. 4 no. 2 171-175 '61.

CADMIUM SELENIDE—ELECTRIC PROPERTIES
Photodielectric properties of polycrystalline cadmium selenide at low temperatures. IA. A. Oksman, A. V. Barlokov, E. B. Aleksandrov. Fiz. tver. tela 3 no. 3, 729-735 Mr '61.

CADMIUM-SILVER ALLOYS see Silver-cadmium alloys

CADMIUM SULFIDE CRYSTALS—ELECTRIC PROPERTIES
Photoconductivity of polycrystalline layers of cadmium sulfide. K. V. Shalimova, T. S. Tiavina, R. R. Rezvyi. Dokl. AN SSSR 138 no. 2 334-337 My '61.

CADUCEUS
Origin of the medical emblem. F. R. Borodulin. Sov. zdrav. 20 no. 4 36-39 '61.

CAFFEINE
Effect of caffeine and bromine on the process of conditioned reflex generalization in puppies [with summary in English]. M. P. Klavina. Zhur. vys. nerv. deiat. 10 no. 2:274-279 Mr-Ap '60.

Effect of caffeine on spinal cord reflexes in warm-blooded animals [with summary in English]. I. A. Zemlianoi. Biul. eksp. biol. i med. 51 no. 1:63-67 Ja '61.

CAFFEINE—PHYSIOLOGICAL EFFECT
Formation of gastric ulcers in pregnant and nonpregnant rats in the light of data on the dominant of gestation [with summary in English]. V. D. Rozanova. Biul. eksp. biol. i med. 51 no. 1:40-43 Ja '61.

CALCIFICATION
D'iachenko, V. A. [Radioscopic diagnosis of calcifications and heterogenic ossifications] Rentgenodiagnostika obyzvestvlenii i geterogennykh okostenenii. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 226 p. (DNLM)

CALCIUM
Reutilization and distribution of calcium in the plant organism [in Azerbaijani with summary in Russian] M. G. Abutalybov, E. Aliev. Uch. zap. AGU Biol. ser. no. 1 15-50 '60.

Types of calcium and iron accumulation in peat bogs. V. N. Efimov. Dokl. AN SSSR 138 no. 2:435-436 My '61.

CALCIUM—ANALYSIS
Gamma-spectrometric determination of small concentrations of uranium, thorium, and calcium in rocks. N. P. Kartashov. Atom. energ. 10 no. 5:531-533 My '61.

CALCIUM—PHYSIOLOGICAL EFFECT
Biogeochemical provinces with calcium and phosphorus deficiency in Novosibirsk Province. L. G. Masharova. Trudy Biogeokhim. lab. no. 11:189-196 '60.

CALCIUM ALUMINATE SULFATE
Processes of crystal structure formation taking place during the solidification of calcium aluminate sulfate hydrate. Du IU-zhu [Tu Yu-ju], E. E. Segalova. Zhur. prikl. khim. 34 no. 3:521-532 Mr '61.

CALCIUM ALUMINATES
Effect of hydraulic additives on the formation of calcium sulfoaluminate in the reaction of tricalcium aluminate and gypsum. I. Kh. Kolontarov, IU. T. Tashpulatov. Izv. AN Uz. SSR no. 4:49-62 '56.

CALCIUM CHLORIDE

Electric conductivity of solutions of fused salts in the system NaCl - $CaCl_2$ - $BaCl_2$ M F Lantratova, O F Moiseeva. Zhur prikl khim 33 no 10,2225-2234 O '60

Reaction of aluminates with calcium sulfate and calcium chloride. P. F. Konovalov, E I Morozov. Zhur. prikl khim 34 no. 3:675-676 Mr '61.

CALCIUM IONS

Calcium ions in various fermentations of sulfite liquors and wood hydrolyzates. L. Lefransua. Gidroliz. i lesokhim. prom. 14 no. 4.5-6 '61.

CALCIUM METABOLISM

Effect of feed proteins on age changes in the calcium and phosphorus metabolism of chickens. IU N Batiushevs'kyi Visnyk sil'hosp nauky 4 no 4 119-121 Ap '61

CALCIUM SILICATE

Decomposition of β-$2CaO\,SiO_2$ with sodium alkali solutions of sodium aluminate B. V Drozdov, M F Malyshev Zhur. prikl khim 33 no. 10:2357-2359 O '60

CALCIUM SILICON

Lengthening furnace campaigns for making calcium silicon [with summary in English]. A. N. Rabukhin, E. B. Radomyal'skii, V. I. Vikulov. Stal' 21 no. 6 523-525 Je '61.

CALCIUM SULFATE

Reaction of aluminates with calcium sulfate and calcium chloride. P F. Konovalov, E. I. Morozov. Zhur. prikl. khim. 34 no. 3 675-676 Mr '61.

CALCIUM TUNGSTATE

Heat capacity of calcium, manganese, and cobalt tungstates at high temperatures [with summary in English]. R.A.IAkovleva, T.N Rezukhina Zhur.fiz khim. 34 no.4:819-823 Ap '60.

CALCULATING MACHINES

Calculating machine made in a technical school. I. Strekozov. Tekh.mol. 29 no.4:18 Ap '61.

Computing instrument for determining the operating time of machine tools. N. M. Koposov. Mashinostroitel' no.5:25-26 My '60.

CALCULATING MACHINES—STANDARDS

Trends in the standardization of computing equipment. A.M. Bondarev. Standartizatsiia 25 no.5:40-42 My '61.

CALCULI

Bronchial calculus following rupture of a caseous-fused lymphatic gland in the lumen of the bronchial tree in the adult. A. N. Protopopov, A. A. Chelnokova. Probl. tub. 38 no.3:114-115 '60.

Relapsing calculus of the palatine tonsils. N N. IUdov Zhur. ush., nos. i gorl. bol. 20 no. 1 75-76 Ja-F '60.

CALCULI, SALIVARY

"Salivary calculi" by S. N. Ugulava. Reviewed by A. S. Rabinovich. Stomatologiia 40 no 2:104-105 Mr-Ap '61.

CALCULI, URINARY

Cystinuria and cysteine calculi. L. I. Vasil'ev. Terap. arkh. 33 no. 4.89-93 '61.

Modern concept of the etiopathogenesis of nephrolithiasis. I. P. Pogorelko. Med. zhur. Uzb. no. 11:3-10 N '60.

Therapeutic diet in urolithiasis. D. G. Abramovich. Zdrav. Belor. 6 no. 4.59-60 Ap '60.

Treatment of urolithiasis with accompanying diseases of the stomach with mineral waters from the Truskavets Health Resort M A Dudchenko Vop kur., fizioter. i lech fiz. kul't. 26 no. 1 50-53 '61.

CALCULUS (PATHOLOGY) see Calculi

CALCULUS, INTEGRAL

Some systems of differential equations admitting of the potential method of integration. I. S Arzhanykh. Izv. AN Uz. SSR. Ser. fiz.-mat. nauk no. 2, 52-58 '61.

CALCULUS OF OPERATIONS

Application of generalized functions to the calculus of operations R. M. Malakhovskaia. Uch. zap. TGU no. 36,19-32 '60

CALCULUS OF PREDICATES

Some constructions in the logic set of one-digit predicates. B. A. Trakhtenbrot. Dokl. AN SSSR 138 no. 2:320-321 My '61.

CALCULUS OF TENSORS

Determining the fourth fundamental tensor of a surface, given its metrics and mean curvature. S. G Gasparian Usp. mat. nauk 16 no 2 101-106 Mr-Ap '61.

CALCULUS OF VARIATIONS

Continuity of regular and quasi-regular functionals in the calculus of variations. V. I. Plotnikov. Mat. sbor. 53 no. 2:137-158 F '61.

Vladimirov, V. S. [Mathematical problems in the single-velocity theory of particle transfer] Matematicheskie zadachi odnoskorostnoi teorii perenosa chastits. Moskva, Izd-vo Akad. nauk SSSR, 1961. 157 p. (Akademiia nauk SSSR. Matematicheskii institut. Trudy, vol. 61)

CALIBRATION

Plotting standard calibration tables for horizontal cylindrical tanks N V. Nikolin Izm. tekh. no. 5 52-54 My '60

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 82-56 for checking standard scales of the first and second categories] Instruktsiia 82-56 po poverke obraztsovykh shkal 1-go i 2-go razriadov. Izd. offitsial'noe. Moskva, 1957. 15 p.

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 207-54 for checking crystal-controlled calibrating devices] Instruktsiia 207-54 po poverke kvartsevykh kalibratorov. Izd. offitsial'noe Moskva, 1957. 7 p.

Using aluminum in graduating thermocouples of the first degree. E. S Shpigel'man Izm. tekh no 5 28-29 My '60.

CALIPERS—TESTING

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 80-56 for checking standard meter calipers of the second category] Instruktsiia 80-56 po poverke obraztsovykh metrov-komparatorov 2-go razriada. Izd. offitsial'noe Moskva, 1957. 10 p.

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 92-55 for checking lumber-measuring scale sticks] Instruktsiia 92-55 po poverke izmeritel'nykh lesnykh vilok. Izd. offitsial'noe. Moskva, 1957. 7 p.

CALLISTHENICS

(see also subdivision under China; Chirchik)

Apparatus for studying capacity for work and checking the effectiveness of industrial callisthenics IU N Verkhalo, A V. Zinkovskii Teor i prak fiz kul' 24 no 4:274-278 '61

Bolinovich, V. V. [Industrial callisthenics] Gimnastika na proizvodstve. Moskva, Izd-vo "Znanie," 1961. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Biologiia i meditsina, no. 7)

Callisthenics break in colleges N, IU Ivanov Teor. i prak. fiz. kul't. 24 no. 1:51-53 '61

Callisthenics for milkmaids. V. N. Tikhonov Teor i prak. fiz. kul't. 24 no. 1 53-55 '61.

Change in labor productivity depending upon methods of introductory callisthenics V. M Nikulin Teor i prak fiz. kul't. 24 no 2,118-122 '61

Industrial callisthenics in coal mines. IU. A. Ishairova, I. P Shevelev Teor. i prak fiz. kul't 24 no 3 207-209 '61.

Manual on industrial callisthenics ("Industrial callisthenics" edited by V. V. Bolinovich Reviewed by A. T. Bryukin) Teor. i prak. fiz kul't. 24 no 1 73-71 '61

Problems posed by life. A. G. Dan'shin. Teor. i prak fiz kul't. 24 no. 2:116-118 '61.

Results of certain studies on industrial callisthenics at the "Rigas Auduma" Textile Plant, A. P. Shutvinov. Teor. i prak. fiz. kul't, 24 no. 5:352-353 '61.

Rhythm of introductory callisthenics. B A. Dushkov. Teor. i prak. fiz. kul't 24 no 3:204-207 '61.

Sequence of exercises during callisthenics breaks. V. D. Maznichenko. Teor. i prak. fiz. kul't. 24 no. 5:349-351 '61.

Sports. Uzbekistan 19 no. 3:25 Mr '60.

Studies in the effectiveness of the callisthenics-break at the Alma-Ata Tobacco Factory. A. G. Zhma, G. A. Meshcherskii. Teor. i prak. fiz kul't. 24 no. 2 122-126 '61.

System for using exercises in industrial callisthenics. I V Lovitskaia, L F. Sorokina, S I. Feigin Teor. i prak fiz. kul't. 24 no. 4:278-281 '61

CALLUS (BOTANY)

Structural properties of galls and calluses. E. I. Stoplan. Dokl. AN SSSR 136 no. 1:241-241 Ja '61

CALMETTE, ALBERT, 1863-1933

Life and activity of Albert Calmette. A. I. Toguneva. Probl. tub. 38 no. 3:116-120 '60.

CALORIMETRY

Calorimetric determination of the bath temperature in electric slag processes. G. A. Pertsovskii. Svarka 2 156-162 '59.

Simplified method of determining the calorific value of fuel oil I. Tuv, V. Fedotov. Rech. transp 20 no 3 28-29 Mr '61.

CALVES—FEEDING AND FEEDS

Effect of food on the function of the pancreas in calves. A. V. Polukhina. Uch. zap. UrGU no. 31:27-32 '59.

CAMELS see subdivision under Mongolia

CAMOMILE see subdivision under Ukraine

CAMPANULA

Fluorescent microscopic investigation of chlorophyll in the leaves of Campanula persicifolia L. during varying injurious actions. G. S. Kiknadze TSitologiia 2 no. 2 144-152 Mr-Ap '60.

CAMPHOR

Clinical aspects of camphor (oil) embolisms. S. A. Petrov, G. P Shul'tsev. Klin. med. 39 no. 5 116-118 My '61.

Effect of nociceptive (pain) stimulations on the spasmodic effect of camphor [with summary in English] A. V. Vershubskaia, S. M Dionesov. Biul. eksp. biol. i med. 49 no. 3 70-72 Mr '60.

CAMPHOR TREE

Variability in the epidermis of leaves of the camphor tree. A. K. Shakiryl Soob. AN Gruz. SSR 24 no. 1 73-76 Ja '60

CAMPING

Camping is not only a summer sport. P. Kobyzev. Komsomol. zhizn' no. 3 24-25 F '60

So that children could have a good rest. N. M. Lapina Nov. profsoiuzy 17 no 11 38 Je '61.

CAMPING—HYGIENIC ASPECTS

Influence of the recreation and sports camp of the Minsk Medical Institute on the health of students. P. V. Pilatkin. Zdrav. Belor. 6 no. 4 42-43 Ap '60.

CAMPS see subdivision under Chelyabinsk Province, Krasnodar Territory, Vyselki District

CAMS

Effect of the eccentricity of the arbor on precision in machining flat cams A V Remiantsev Izm tekh no. 5 11-11 My '60

Profiling cams in mechanisms with a rocking roller follower in case of given laws for changes of moments on cam and follower shafts. V. IA. Fel'dman. Vest. mash 41 no. 6:27-29 My '61.

Profiling cylindrical cams according to arcs of ellipses. D. I. Tuposygin. Izv. vyss. uchеb. zav., mashinostr. no. 1 10-19 '60.

CANADA—CARIBOU

Fate of the caribou. G. A. Zyrianov. Priroda 50 no. 5: 110-111 My '61.

CANADA—MINERAL INDUSTRIES

Some factors in the location of the mining industry in Canada I. P. Antonova, I. V Sanfirenglu Vest. Mosk. un. Ser. 5 Geog. 16 no 4 11-21 My-Je '61

CANCER

"Biological aspects of cancer" by J. Huxley [translated from the English]. Reviewed by I M Nemtsa. Pat. fiziol. i eksp. terap. 5 no. 2 86-87 Mr-Ap '61.

"Cancer cells" by F. V. Cowdry [translated from the English] Reviewed by A. Kogan Pat fiziol i eksp. terap. 5 no. 2 85-86 Mr-Ap '61.

Case of primary multiple cancer. L. A. Poliak. Zhur. ush., nos. i gorl. bol. 20 no. 1,72-73 Ja-F '60.

Certain aspects of the study of specific antitumoral immunity L. A. Zil'ber Usp. sovr. biol 50 no 1 (4) 85 Ja-Je '60.

Characteristics of transplantable carcinoma of the rat mammary gland (RMK-1) [with summary in English]. V. P. Komplev, N. D. Lagova. Biul. eksp. biol. i med. 50 no. 7 79-81 Jl '60.

Chemical-surgical treatment of malignant tumors. G. Popov. Vop onk. 7 no 3:90-93 '61.

Clinical and experimental investigation on the effect of lyophilized Trypanosoma cruzi extracts on certain forms of cancer. J. Condert Antibiotiki 6 no 2 99-105 F '61.

Complex alkylating metabolites as a new class of antitumor compounds. L. F. Larionov. Pat. fiziol. i eksp. terap. 5 no. 2 4-9 Mr-Ap '61.

Copper, zinc and cadmium content of the organs of rabbits with malignant tumors. V. I Gorodyskii, I. V. Veselaia. Vop med khim 6 no. 2,128-130 Mr Ap '60.

Electron microscope study of some human and animal tumors [in Azerbaijani with Russian summary]. T. G. Gasanov. Azerb. med. zhur. no. 4:118-120 Ap '60.

5-oxytryptamine from Hippophae rhamnoides an an antitumorigenic preparation in experiments on animals [with summary in English]. L. Ch. Pakhal'ukhain, M. V. Petrova, G. P. Men'shikov. Biul. eksp. biol. i med. 50 no. 10:109-110 O '60.

Health education publicity with special reference to regional characteristics of cancer spreading and pre cancerous diseases. I. V. Orlovskii Vop onk. 7 no. 2:86-91 '61.

Heterogeneous transplantation of tumors. M. D. Aliullaev, G. V. Tepliakova. Azerb. med. zhur. no. 4:125-126 Ap '60.

Influence of antihonidase serum from goats on the metastasing process of Brown-Pearce carcinoma in rabbits [with summary in English]. I. N. Maliukil, N. A. Kozlova. Biul. eksp. biol. i med. 50 no. 10:101-105 O '60.

Lower the incidence of cancer. T. T. Poddubnaia. Zdrav. Belor. 6 no. 4 10-13 Ap '60.

Malignant neoplasms. G. I. Takach. Vop. onk. 7 no. 3: 99-103 '61

Materials on the differential diagnosis of infectious hepatitis. T. F. Pal'tsova. Lech. infekts. bol'. no. 4:71-04 '60.

Method for obtaining specific sera to Ehrlich carcinoma in mice on the basis of the phenomenon of immunological tolerance [with summary in English]. IU. N. Mol'kov. Biul. eksp. biol. i med. 49 no. 2:100-112 F '60.

CANCER (Continued)

Multiple tumors in mice of the C57bl low-cancer line [with summary in English] V. A. Paines, D. M. Levina, O. D. Romanova-Tskhovrebova. Vop. onk. 7 no. 3, 91-99 '61.

Possibility of increasing resistance to malignant tumors with the aid of biological stimulators. M. E. Timoshechkina. Vop. onk. 7 no. 3, 91-99 '61.

Regional characteristics of the occurrence of cancer and health education [with summary in English]. L. V. Orlovskii. Sov. zdrav. 20 no. 2, 16-20 '61.

Sensitivity of the specific antigen of human cancer cells to high temperature [with summary in English]. V. S. Korosteleva, P. N. Kosiakov. Biul. eksp. biol. i med. 51 no. 2, 87-92. F '61.

Single-stage replacement of bone defects following removal of benign and malignant tumors of the mandible. P. V. Naumov. Stomatologiia. 40 no. 1, 51-54. Ja-F '61.

Some data on the mechanism of lysine-1-C14, glycine-1-C14, methionine-S35 and tyrosine-C14 concentration and incorporation into protein by cells of Ehrlich's ascitic carcinoma in mice [with summary in English]. K. A. Petrovshchikova. Biokhimiia. 26 no. 2, 366-372. Mr-Ap '61.

Some minor elements in cancer patients. I. S. Gul'ko. Zdrav. Belor. 6 no. 4, 20-23. Ap '60.

Specificity of carbohydrate and oxidative metabolism in tumor tissue. V. I. Agol. Usp. sovr. biol. 49 no. 1, 37-53. Ja-F '60.

Synthesis of glycine in normal and malignant tissues [with summary in English]. N. O. Zatsepshchikova. Vop. med. khim. 6 no. 2, 196-202. Mr-Ap '60.

CANCER—CONGRESSES

Second Coordinating Conference on Chemotherapy in Cancer. V. I. Astrakhan and others. Vest. AMN SSSR 14 no. 5, 77-82 '59.

CANCER RESEARCH
(see also subdivision under United States)

Studying cellular elements of hemopoiesis in tissue cultures exposed to the action of substances inhibiting free radical reactions. E. I. Terent'eva. Dokl. AN SSSR 138 no. 2, 448-449. My '61.

CANCEROGENIC COMPOUNDS see Carcinogens

CANDIDA

Production of nystatin resistant strains of Candida and a description of their properties [with summary in English]. A. D. Tebiakina, S. M. Chaikovskaia. Antibiotiki 5 no. 2, 91-95. Mr-Ap '60.

CANDIDOMYCOSIS see Moniliasis

CANNED FISH see Fish, Canned

CANNED FOOD see Food, Canned

CANNES—MOTION-PICTURE FESTIVAL

Cannes Film Festival; an interview with film director Sergei Iutkevich. Nov. vrem. 19 no. 25, 22-25. Je '61.

CANNING AND PRESERVING
(see also subdivision under Kiev)

From the pages of newspapers. Kons. i ov. prom. 16 no. 5, 45-46. My '61.

Varieties of onion for canning. F. A. Tkachenko, N. M. Shornikova. Kons. i ov. prom. 16 no. 5, 26-28. My '61.

CANNING AND PRESERVING—EQUIPMENT AND SUPPLIES

Device for heating the discharge pan of KPK/A press dies. A. I. Samokhvalenko. Kons. i ov. prom. 16 no. 5, 10. My '61.

CANNING INDUSTRY
(see also subdivision under Minsk)

Conference of the workers of labor norms research laboratories and groups on labor. M. L. Manaev. Kons. i ov. prom. 16 no. 5, 43-44. My '61.

Let us meet the 22nd Congress of the CPSU with new efforts in our work. Kons. i ov. prom. 16 no. 5, 1-3. My '61.

Our experience in applying composite crew rates and estimations. Kh. A. Martirosian. Kons. i ov. prom. 16 no. 5, 28-30. My '61.

Shortening cannery construction periods. V. F. Konoplev. Kons. i ov. prom. 16 no. 5, 33-34. My '61.

Standard plans and designs of canneries. M. A. Moizhes. Kons. i ov. prom. 16 no. 5, 30-33. My '61.

Toward new achievements at the eve of the 22nd Congress of the CPSU. Kons. i ov. prom. 16 no. 5, 4-5. My '61.

CANNING INDUSTRY—COSTS

Using the costs of processing indices in canning factories. G. M. Movshovich. Kons. i ov. prom. 16 no. 5, 38-42. My '61.

CANNING INDUSTRY—EQUIPMENT AND SUPPLIES
(see also subdivision under Dubno)

Design of friction conveyors. N. V. Morozov, G. L. Shved. Izv. vys. ucheb. zav.; pishch. tekh. no. 2, 99-103. '61.

Eliminating air suction through packing in centrifugal pumps. V. I. Burko. Kons. i ov. prom. 16 no. 5, 15. My '61.

Nameshnikov, A. F., and others. [Collective-farm cannery] Kolkhoznyi konservnyi zavod. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 275 p.

CAPILLARIES

Capillaries in patients with lead intoxication. B. A. Alchabarov, Sh. S. Satdenova, A. G. Adyrkhaev. Trudy Inst. kraev. pat. AN Kazakh. SSR. 8, 167-173. '60.

Peripheral vascular system following disorders in nasal respiration of varying etiology. A. Z. Dubrovskii. Zdrav. Turk. 5 no. 2, 27-29. Mr-Ap '61.

CAPILLARIES—PERMEABILITY

Capillary permeability in anthracosis, pulmonary emphysema, and diffuse pneumosclerosis of nonpulvigenic etiology. K. I. Sumbatiakova. Terap. arkh. 33 no. 4, 42-45. '61.

Characteristics of vascular permeability in experimental hypertension [with summary in English]. M. P. Shirotina. Pat. fiziol. i eksp. terap. 4 no. 1, 39-41. Jl-Ag '60.

CAPILLARITY

Capillary condensation of vapors in highly dispersed systems. Report No. 4. Capillary condensation in systems consisting of large numbers of particles in contact. L. V. Rudoshkevich. Izv. AN SSSR. Otd. khim. nauk. no. 5, 756-762. My '61.

Some capillarity problems in concrete. V. N. Zhilenkov. Izv. VNIIG. 64, 257-262. '60.

Studying capillary petroleum in a model porous medium. A. F. Bogomolova, M. M. Kusakov. Trudy Inst. geol. i razrab. gor. iskop. 2, 81-94. '60.

CAPITAL

An important source for accelerating the rate of the building of communism. A. Volobueva. Vop. ekon. no. 5, 7-18. My '61.

Production fund cycle of a socialist enterprise. P. Pavlov. Vop. ekon. no. 5, 86-96. My '61.

Rotshtein, A. I. [What is the production fund of an enterprise] Chto takoe proizvodstvennye fondy predpriiatiia. [Leningrad] Lenizdat, 1960. 48 p. (Osnovy ekonomicheskikh znanii kazhdomu rabochemu)

Utilization indices of capital assets. Plan. khoz. 38 no. 6, 23-33. Je '61.

CAPITAL INVESTMENTS

Analysis of the efficiency of capital investments for the improvement of harbor facilities. N. Samoilovskii, G. Lipovskii. Rech. transp. 20 no. 5, 11-13. My '61.

Consolidated norms of capital investments in oil field production on land. G. I. Blank, P. P. Adamiants, S. I. Toropova. Trudy AzNII DN. no. 9, 320-325. '60.

Determining the efficiency of capital investments for new machinery. L. Kuznetsova, N. Iu. Iev. Plan. khoz. 38 no. 6, 42-47. Je '61.

Economic efficiency of capital investments in river transportations and ways to establish it. A. Mitaishvili. Rech. transp. 20 no. 5, 46-52. My '61.

[Financing and issuing credit for capital investments] Finansirovanie i kreditovanie kapital'nykh vlozhenii. Kollektiv pod rukovodstvom P. D. Podshivalenko i I. D. Sheia. Moskva, Gosfinizdat, 1960. 376 p. [MICROFILM]

CAPITAL PUNISHMENT

The decree of the Presidium of the Supreme Soviet of the U.S.S.R. on the "Intensification of the struggle against vicious criminal offenses." Sots. zakon. 38 no. 6, 3-5. Je '61.

For the Soviet people. Sots. zakon. 38 no. 6, 3-4. Je '61.

CAPITALISM
(see also subdivision under Communist Countries; United States)

Marxist-Leninist theory of crises and modern capitalism. V. Gerasimov. Mir. ekon. i mezhdunar. otn. no. 6, 79-87. Je '61.

CAR AXLES

Method of investigating the performance of the axle roller cage. V. V. Abashkin and others. Vest. TSNII MPS. 20 no. 3, 37-40. '61.

New technological process for the manufacture of blanks for hollow car axles. A. I. TSelikov, S. P. Granovskii, V. I. Efanov. Kuz. shtam. proizv. 3 no. 5, 4-5. My '61.

CAR AXLES—TESTING

Nature of bright spots in the fracture of axle steel. V. S. Sagaradze, V. I. Parov. Metalloved. i term. obr. met. no. 5, 18-21. My '61.

CAR SPRINGS

Distribution of the total static deflection between the stages of the spring suspension. L. I. Barteneva. Vest. TSNII MPS. 20 no. 3, 30-33. '61.

CAR WHEELS—TESTING

Wheel bandage wear. A. G. Nikonov, L. L. Pinkhusovich. Trudy Inst. met. no. 4, 250-253. '60.

CARAMEL
(see also subdivision under Lipetsk Province)

Continuous mechanized production line for wrapped candy caramel. M. Kh. Smolianitskii. Trudy VKNII no. 14, 59-65. '59.

Determining the rates of forming by stamping and cutting machines used in caramel production. V. N. Serba. Trudy VKNII no. 14, 13-58. '59.

Effect of the composition of carbohydrates in syrups on the keeping quality of caramel. A. L. Sokolovskii, V. N. Nikiforova, R. IA. Greiser. Trudy VKNII no. 14, 32-42. '59.

Method of determining the total force required for the extraction of fruit-jelly forms from rigid molds. M. P. Gogueva. Trudy VKNII no. 14, 20-31. '59.

CARBANILIC ACID

Chloro-IPC as an effective means of controlling the weed Stellaria media. IU. V. Rakitin, T. M. Golden. Fiziol. rast. 7 no. 2, 232-234. '60.

CARBIDES—SPECTRA

Emissivities of some powdered high-melting compounds. T. I. Serebriakova, IU. B. Padernо, G. V. Samsonov. Opt. i spektr. 9 no. 3, 410-412. Mr. '60.

CARBOHYDRATE METABOLISM

Carbohydrate function of the liver in chronic lead intoxication. M. K. Kairakbaev. Trudy Inst. kraev. pat. AN Kazakh. SSR. 8, 178-186. '60.

Changes in the interoceptive metabolic reflexes under hypothermia [in Azerbaijani with summary in Russian]. A. I. Karaev, A. G. Dadashev. Izv. AN Azerb. SSR. Ser. biol. i med. nauk. no. 1, 17-25. '60.

Effect of a growth promoting substance of petroleum origin on carbohydrate assimilability in the organism [in Azerbaijani with summary in Russian]. G. A. Guseinov, S. A. Abdullaeva, Sh. A. Magerramov. Uch. zap. AGU. Biol. ser. no. 3, 29-36. '60.

Effect of carbon sources on the biosynthesis of streptomycin [with summary in English]. S. V. Gorskaia, V. A. Severin. Antibiotiki 6 no. 4, 210-215. Mr. '61.

Effect of deep hypothermia on the carbohydrate-phosphorus metabolism of brain tissue [with summary in English]. G. A. Nechaeva. Biul. eksp. biol. i med. 49 no. 3, 54-57. Mr. '60.

Effect of excision of the thymus gland on various indicators of nitrogen and fat-carbohydrate metabolism in rats. S. G. Gasanov, T. S. IAkusheva. Probl. endok. i gorm. 7 no. 2, 23-30. Mr-Ap. '61.

Effect of hypoxia and ACTH on the state of the carbohydrate reserve in the tissues of white rats [with summary in English]. M. I. Petukhov. Biul. eksp. biol. i med. 49 no. 3, 57-60. Mr. '60.

Electrophysiological study of the dependence of the functional state of skin receptors in frogs on metabolism in the receptor field [with summary in English]. O. P. Dobromyslova. Biul. eksp. biol. i med. 51 no. 1, 13-17. Ja. '61.

CARBOHYDRATES

Alteration of combined water-soluble carbohydrates of tobacco during its processing. P. G. Asmachev, I. G. Mokhnachev. Izv. vys. ucheb. zav. ,pishch. tekh. no. 2, 58-63. '61.

Carbohydrate fermentation by Leptospira. A. S. Samedov. Uch. zap. AGU. Biol. ser. no. 1, 79-85. '60.

Determination of combined water-soluble carbohydrates of tobacco. I. G. Mokhnachev. Izv. vys. ucheb. zav.; pishch. tekh. no. 2, 54-57. '61.

Effect of the composition of carbohydrates in syrups on the keeping quality of caramel. A. L. Sokolovskii, V. N. Nikiforova, R. IA. Greiser. Trudy VKNII no. 14, 32-42. '59.

Investigating the carbohydrate composition of hemicelluloses of sulfite and sulfate viscose pulp. F. G. Osipenko, T. V. Belen'kaia, E. A. Skrigan. Dokl. AN BSSR. 5 no. 4, 159-162. Ap. '61.

CARBON

Characteristics of the reaction between carbon and water vapor. B. M. Derman. Trudy IGI. 13, 27-32. '60.

Preparation of elemental carbon labeled with C^{14}. O. I. Andreeva, A. I. Il'ina. Radiokhimiia. 2 no. 1, 107-111. '60.

Properties and structure of highly disperse carbon-graphite materials based on the composition carbon black - wood charcoal - pitch. I. V. Temkin. Zhur. prikl. khim. 33 no. 10, 2340-2344. O. '60.

Protection of carbon and graphite from oxidation at temperatures up to 1200°. M. V. Sazonova, A. IA. Sitnikova, A. A. Appen. Zhur. prikl. khim. 34 no. 3, 505-512. Mr. '61.

Stoichiometric analysis of three reactions taking place simultaneously during the interaction between carbon and oxygen. B. M. Derman. Trudy IGI. 13, 19-26. '60.

CARBON—ISOTOPES

Concept of molecular radioactivity in the synthesis of substances labeled with radioactive isotopes. L. B. Dashkevich. Radiokhimiia. 2 no. 1, 129. '60.

Method for dosimetry of C^{14} and S^{35} in teeth and jaws. A. A. Prokhonchukov. Stomatologiia. 40 no. 1, 93-94. Ja-F. '61.

Methods for studying the processes taking place in reactions between carbon oxides and coal with the aid of the radioactive isotope C^{14}. I. G. Petrenko. Trudy IGI. 13, 5-12. '60.

Preparation of elemental carbon labeled with C^{14}. O. I. Andreeva, A. I. Il'ina. Radiokhimiia. 2 no. 1, 107-111. '60.

CARBON – ISOTOPES (Continued)

Study of protochlorophyllide accumulation and transformation in green plants by radiochromatography with a carrier [with summary in English]. A. A. Shlyk, V. L. Kalen, G. M. Podchufarova. Biokhimiia 26 no. 2 259-265 Mr-Ap '61.

CARBON, ACTIVATED

Adsorptive ability and catalytic activity of platinized charcoal in relation to certain silicon hydrides added to unsaturated compounds. V. A. Afanas'ev, V. A. Ponomarenko, N. A. Zadorozhnyi. Dokl. AN SSSR 136 no. 5:1123-1126 F '61.

Mechanism of oxidation, hydrogenation, and electrochemical combustion on solid catalysts. Part I: Oxidation of sulfur dioxide on an activated carbon surface at 20°C in the presence of water vapor [with summary in English]. O. K. Davtian, E. N. Ovchinnikova. Zhur. fiz. khim. 35 no. 4 713-718 Ap '61.

Nature of the microporous structure of active carbons. Report No. 1: Development of the micropore volume in the process of coal activation. M. M. Dubinin. Izv. AN SSSR Otd. khim. nauk no. 5 750-756 My '61.

Suitable types of industrial activated carbons intended to be used as adsorbents. Gidroliz. i lesokhim. prom. 14 no. 4 31 '61.

CARBON BLACK

(see also subdivision under Yaroslavl)

Chlorocarbon blacks (from "Chem. Eng. Progress," no. 10, 1960). Kauch. i rez. 20 no. 4:63 Ap '61.

Classification of carbon blacks for rubber manufacture. K. A. Pechkovskaia, P. N. Orlovskii, E. I. Gol'dman. Kauch. i rez. 20 no. 4 47-48 Ap '61.

Distribution of sulfur in carbon black. R. Z. Magarill. Kauch. i rez. 20 no. 4:43-47 Ap '61.

Formation of carbon black in the course of the decomposition and combustion of hydrocarbons. P. A. Tesner. Gaz. prom. 6 no. 5 46-51 My '61.

CARBON BLACK—CONGRESSES

All-Union Conference on the quality and the variety output of carbon black. V. P. Zuev. Kauch. i rez. 20 no. 4: 59-61 Ap '61.

CARBON DIOXIDE

Biological activity of some soil types in the Soviet Union (determined by the intensity of CO_2 production). B. N. Makarov, V. P. Ignatova. Dokl. AN SSSR 138 no. 2:437-439 My '61.

Effect of carbon dioxide on the intensity of sunflower seed respiration. V. G. Shcherbakov, N. V. Trubitsyn. Izv. vys. ucheb. zav., pishch. tekh. no. 2:33-36 '61.

Effect of carbonation of some properties of autoclaved concretes. E. S. Silaenkov, G. V. Tikhomirov. Strol. mat. 7 no. 4:30-33 Ap '61.

Effect of hypocapnia on the functional state of the respiratory center. M. E. Marshak, T. A. Maeva. Fiziol. zhur. 47 no. 2:191-195 F '61.

Exchange reaction between carbon monoxide and carbon dioxide under homogeneous conditions. I. G. Petrenko, I. B. Krichko. Trudy IGI 13:13-18 '60.

Solid - liquid - gas equilibrium in the system melamine - ammonia - carbon dioxide [with summary in English]. G. D. Efremova, R. O. Koroleva. Zhur. fiz. khim. 35 no. 4:821-824 Ap '61.

Vostokov, A. I., and I. P. Lepeshkin. [Manufacture of sugar from beets] Proizvodstvo sakhara i averly. Izd. 2. Moskva, Pishchepromizdat. (Biblioteka molodogo rabochego)

No. 6. [Production of lime, lime milk, and carbonation gas] Poluchenie izvesti, izvestkovogo moloka i saturatsionnogo gaza. 1960. 45 p.

CARBON DIOXIDE—PHYSIOLOGICAL EFFECT

Influence of carbon dioxide on the amount of ammonia, glutamine, and urea in the blood of animals following the administration of an ammonium chloride solution [with summary in English]. N. B. Kozlov. Biul. eksp. biol. i med. 50 no. 10:73-78 O '60.

CARBON DISULFIDE

Course of the development of carbon disulfide production. Gidroliz. i lesokhim. prom. 14 no. 4:31 '61.

CARBON MONOXIDE

Catalyst based on zinc, chromium, and copper oxides and used in the conversion of carbon monoxide. F. P. Ivanovskii and others. Probl. kin. i kat. 10:90-91 '60.

Composition of the liquid products obtained in the synthesis from CO and H_2 on talc catalysts. A. N. Bashkirov and others. Trudy Inst. nefti 14:76-84 '60.

Exchange reaction between carbon monoxide and carbon dioxide under homogeneous conditions. I. G. Petrenko, I. B. Krichko. Trudy IGI 13:13-18 '60.

Mechanisms of the chemical adsorption and catalysis on solid solutions of zinc oxide. G. I. Chizhikova, N. P. Keier. Probl. kin. i kat. 10:77-81 '60.

Participation of H_2O in the reaction of combustion of carbon monoxide in oxygen. R. B. Tagirov. Opt. i spektr. 8 no. 3:312-314 Mr '60.

Reduction of ferric oxide and magnetite by mixtures of hydrogen and carbon monoxide at low temperatures. A. G. Moskvicheva, G. I. Chufarov. Zhur. prikl. khim. 33 no. 10:2212-2215 O '60.

Role of flat chains in the mechanism governing the catalytic hydropolymerization of olefins under the influence of small amounts of carbon monoxide and in the presence of hydrogen. IA. T. Eidus, N. I. Eshov. Probl. kin. i kat. 10:101-109 '60.

Some indicators of nitrogen metabolism in the brain in acute carbon monoxide poisoning [with summary in English]. E. A. Gordienko. Pat. fiziol. i eksp. terap. 4 no. 2:51-56 Mr-Ap '60.

Structure of the surface bonds of carbon monoxide on palladium based on data of adsorption measurements and infrared spectra. N. N. Kavtaradze, V. I. Lygin. Dokl. AN SSSR 138 no. 3:616-618 My '61.

CARBON MONOXIDE—PHYSIOLOGICAL EFFECT

Respiration, glycolysis, and the level of high-energy compounds (adenosine triphosphoric acid, phosphocreatine) in brain tissues in carbon monoxide poisoning with summary in English]. E. B. Sopotsinskaia, E. A. Gordienko. Pat. fiziol. i eksp. terap. 5 no. 2:53-56 Mr-Ap '61.

CARBON OXIDE

Carbon suboxide and some of its reactions. Part 9. Reactions of electrophilically substituted amines with carbon suboxide in an aqueous medium. L. B. Dashkevich, F. N. Kuvaeva. Zhur. ob. khim. 31 no. 5 1669-1671 My '61.

Carbon suboxide and some of its reactions. Part 10. Reactions of carbon suboxide with substituted acyclic amines. L. B. Dashkevich, V. G. Bellin. Zhur. ob. khim. 31 no. 5 1671-1674 My '61.

Methods for studying the processes taking place in reactions between carbon oxides and coal with the aid of the radioactive isotope C^{14}. I. G. Petrenko. Trudy IGI 13: 5-12 '60.

CARBON TETRACHLORIDE

Rate of the reaction between some esters of phosphorus acid and carbon tetrachloride. Gil'm Kamai, F. M. Khurassova. Izv. vys. ucheb. zav., khim. i khim. tekh. 1 no. 2 229-231 '61.

CARBON TETRACHLORIDE—ELECTRIC PROPERTIES

Dielectric properties of acetone - carbon tetrachloride solutions in superhigh-frequency electromagnetic fields and fluctuations in concentration. R. M. Kasimov, IA. IU. Akhadov, M. I. Shakhparonov. Dokl. AN Azerb. SSR 17 no. 3:207-211 '61.

CARBON TETRACHLORIDE—TOXICOLOGY

Methods for inducing in rabbits cirrhosis of the liver with splenomegaly and ascites by means of carbon tetrachloride [with summary in English]. L. S. Rubetskoi, R. N. Korotkina. Biul. eksp. biol. i med. 50 no. 7:122-124 Jl '60.

CARBONAMIDES

Synthesis of the halogen-substituted asymmetric derivatives of 1, 5-diphenylhydrazodithiodicarbonamide. Part 4. R. G. Dubenko, P. S. Pel'kis. Zhur. ob. khim. 31 no. 5 1661-1665 My '61.

CARBONATE ROCKS see Rocks, Carbonate

CARBONATED BEVERAGES—EQUIPMENT AND SUPPLIES

Automatic saturator and dispenser of carbonated water. A. N. Pavlovskii. Izm. tekh. no. 6:50-53 Je '61.

CARBONATES see subdivision under Zeravshan Valley

CARBONIC ACID

How the composition of forest vegetation affects the intensiveness of carbonic acid formation and its distribution in the soil air of leached Chernozems. V. N. Mina. Trudy Leb. lesoved. 1:127-144 '60.

Remarks on R. N. Aksel'rud and N. S. Litv "Improved method for determining the bonic acid." R. L. Babkin. Elek. sta. 3 '61.

Thermal cleavage of phenyl trichlorophe. A. V. Kirsanov, M. S. Marenets. Zhur. no. 5:1605-1607 My '61.

CARBONIC ANHYDRASE

Carbonic anhydrase in patients with. Sh. A. Sultanov. Med. zhur. Uzb. n.

CARBONYL COMPOUNDS

Study of diacetylene derivatives. Re. of ethynyl vinyl and thioethynyl vin. bonyl compounds. M. F. Shostakovi. G. I. Plotnikova. Izv. AN SSSR Otd. 905-909 My '61.

CARBONYL GROUP

Infrared spectra and structure of so. aromatic compounds. B. E. Zaitse. IU. D. Koreshkov. Dokl. AN SSSR F '61.

CARBURETORS

Gribanov, V. L., and V. A. Orlov. [Ca. ternal combustion engines] Karbura. vnutrennego sgoraniia. Moskva, G. izd-vo mashinostroit. lit-ry, 1961.

CARCINOGENS

Carcinogenic properties of 3, 3'-dihydroxybenzidine (should 3, 3'-dihydroxybenzidine be considered a basic carcinogenic metabolite of benzidine?). G. B. Pilas. Vop. onk. 7 no. 2 33-41 '61.

Toxicological characteristics of liquid wastes of tar paper production [with summary in English]. Z. P. Grigor'ev. Gig. i san. 25 no. 7:31-36 Jl '60.

CARCINOMA see Cancer

CARDBOARD see Paperboard

CARDIAC CATHETERIZATION

Catheterization of the heart in rabbits and cats [with summary in English]. A. G. Subbota. Biul. eksp. biol. i med. 51 no. 1 106-107 Ja '61.

CARDIAC GLYCOSIDES

Cherkovskaia, T. IA., and N. N. Pigulevskaia. [Concise methodological manual on biological standardization of cardiotonics and valerian] Kratkoe metodicheskoe posobie po biologicheskoi standartizatsii serdechnykh sredstv i valeriany. Pod red. N. G. Polinkova. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 90 p. (DNLM)

Effect of cardiac glycosides on neuromuscular transmission [with summary in English]. L. L. Grechishkin. Farm. i toks. 24 no. 1:75-79 Ja-F '61.

Recent data on the bufadienolide composition of Helleborus purpurascens W. et K., Helleborus caucasicus A. Br., A. A. Reznichenko, M. IA. Tropp, D. G. Kolesnikov. Med. prom. 15 no. 3 15-17 Mr '61.

CARDING MACHINES

Ways of improving carding. L. I. Karpov. Tekst. prom. 20 no. 3:42-45 Mr '60.

CARDIOVASCULAR SYSTEM

Characteristics of vascular conditioned reflexes in children over 2 years of age [with summary in English]. R. V. Tonkova-IAmpol'skaia. Zhur. vys. nerv. defat. 11 no. 1:87-91 Ja-F '61.

Effect of light stimuli on the visual analyzer and cardiovascular system in man [with summary in English.] M. P. Kirpichev. Gig. i san. 25 no. 7 17-22 Jl '60.

Experimental data on the effect of auxantin on the peripheral blood, cardiovascular system, and diuresis [with summary in English]. A. P. Belova and others. Antibiotiki 5 no. 2:14-50 Mr-Ap '60.

Functional test of the cardiovascular system for older and middle-aged persons. B. A. Savenkov. Teor. i prak. fiz. kul't. 24 no. 3:231-233 '61.

Interrelationship of various vascular reflexes in puppies. R. R. Ovakimian. Fiziol. zhur. 47 no. 2:205-209 F '61.

Pharmacology of dihydroergotoxin [with summary in English]. P. I. Berzruk, V. E. Sokolova. Farm. i toks. 24 no. 1:62-66 Ja-F '61.

Pneumatic method for temporary exclusion of blood circulation in the internal organs in long-term experiments. E. I. Khomchenovskii. Pat. fiziol. i eksp. terap. 4 no. 2 74-77 Mr-Ap '60.

Significance of some tests for the evaluation of cardiovascular function in children in scarlet fever. K. I. Pysarchyk. Ped., akush. i gin. 22 no. 4:23-26 '60.

Some changes in the cardiovascular system in whooping cough patients. M. A. Zakharova. Ped., akush. i gin. 22 no. 4:11-13 '60.

Specificity of responses to the cardiovascular system. V. V. Frol'kis. Fiziol. zhur. 47 no. 3:303-309 Mr '61.

Study of hemodynamics in the clinical aspects of pulmonary tuberculosis [with summary in French]. S. D. Poletaev. Probl. tub. 38 no. 3:20-34 '60.

CARGO HANDLING
(see also subdivision under Gorkiy)

Barda-Skliarenko, V. T. [Freight transportation in sealed holds] Perevozka gruzov v oplombirovannykh triumakh. Moskva, Izd-vo "Morskoi transport," 1961. 40 p. (Ekonomika i ekspluatatsiia morskogo transporta)

Conference of chief engineers of river harbors. Rech. transp. 19 no. 4 54-55 Ap '60

Effect of using piers according to time sheets on idle periods of loading and unloading ships. V. Padma. Rech. transp. 19 no. 3 10-11 Mr '60

Loading and unloading of pig iron in the Gorkiy harbor. Rech. transp. 20 no. 5:36-37 My '61.

CARGO VESSELS see Freighters

CARIBE
Notions and truths about the piranha. G. Shultz. Priroda 50 no. 6:109-111 Je '61.

CARIBOU see subdivision under Canada

CARLSBAD, CZECHOSLOVAKIA see Karlovy Vary, Czechoslovakia

CARNALLITE
Transfer of rotary hearth furnaces from coal to gas firing as a new development in the dehydration of carnallite. L. P. Gorokhov. TSvet. met. 34 no. 5 74-75 My '61.

CAROTENE see Carotin

CAROTID ARTERY
Changes in muscle contractility during interoceptive stimulation [with summary in English] I. D. Boenko, S. I. Vasilov, V. L. Cherkashina. Fiziol. zhur. 46 no. 2 210-213 F '60.

CAROTID BODY—CANCER
Malignant tumors of the carotid body. I. A. Domenti. Khirurgiia 37 no. 5 98-101 My '61.

CAROTID BODY—TUMORS
Tumors of the carotid gland. P. V. Zav'ialov, E. M. Perfil'eva. Stomatologiia 40 no. 2 91-92 Mr-Ap '61.

CAROTID SINUS
Changes in muscle contractility during interoceptive stimulation [with summary in English] I. D. Boenko, S. I. Vasilov, V. L. Cherkashina. Fiziol. zhur. 46 no. 2 210-213 F '60.

Comparative effect of reflexes from the carotid chemoreceptors and baroreceptors on the secretion of the adrenal medulla. E. I. Malygina. Probl. endok. i gorm. 7 no. 2 3-6 Mr-Ap '61.

Effect of glycolytic cycle and tricarboxylic acid cycle inhibitors on the chemical sensitivity of the carotid sinus and intestinal reflexogenic zones [with summary in English]. Den Si-sian' [Têng Hsi-Hsien]. Biul. eksp. biol. i med. 51 no. 3 13-18 Je '61.

Electrophysiological analysis of the action of antigens on the angioceptors [with summary in English]. A. N. Gordienko and others. Biul. eksp. biol. i med. 49 no. 2 90-94 F '60.

CAROTID SINUS—INNERVATION
New method for the excitation of pressure receptors of the carotid sinus. B. T. Tursubekov. Fiziol. zhur. 47 no. 3:401-403 Mr '61.

CAROTIN
Effect of carotene on photochemical properties of chloroskii, no. 2

CARPATHIAN MOUNTAIN REGION—PALEOBOTANY—PLEISTOCENE
Postglacial history of the vegetational zones of the Carpathian Mountains and adjoining territories [with summary in English]. B. Zolomi. Ukr. bot. zhur. 18 no. 2 56-59 '61.

CARPATHIAN MOUNTAIN REGION—PETROLEUM GEOLOGY
Role of tectonic faults in the formation of oil and gas deposits in the Carpathian piedmont trough. N. N. Dolenko. Geol. zhur. 20 no. 1 84-89 '60.

CARPATHIAN MOUNTAIN REGION—ROCKS—ANALYSIS
Laboratory studies of elastic properties of rocks from the cis-Carpathian region. H. I. Petkevych. Geol. zhur. 20 no. 2 89-98 '60.

CARPATHIAN MOUNTAIN REGION—SUMMER
Beginning of summer in the Carpathians. K. A. Talarinov. Priroda 50 no. 6 124 Je '61.

CARPATHIAN MOUNTAIN REGION—SYCAMORE
Conditions of distribution and natural regeneration of sycamore (Acer pseudoplatanus L.) in Carpathian forests. E. I. Shishova. Nauch. dokl. vys. shkoly; biol. nauki no. 2 151-156 '61.

CARPATHIAN MOUNTAIN REGION—WATER CHESTNUT
Water chestnuts in Carpathian area ponds. L. S. Abramovich. Priroda 50 no. 6:113-114 Je '61.

CARPATHIAN MOUNTAINS—COAL
Chemical nature and future utilization of the menilite shale and coal of the eastern Carpathian Mountains. V. B. Porfir'ev, I. V. Hirinberg. Pyt. rozv. prod. syl. L'viv. i Stan. ekon. adm. rai. no. 1 10-61 '60.

CARPATHIAN MOUNTAINS—EARTHQUAKES
Seismicity of the eastern Carpathians. S. V. Evsieiev. Geol. zhur. 20 no. 2 40-50 '60.

CARPATHIAN MOUNTAINS—GAS, NATURAL—GEOLOGY
General features of distribution and formation conditions of petroleum and gas deposits in eastern Carpathian Mountains. H. N. Dolenko. Pyt. rozv. prod. syl. L'viv i Stan. ekon. adm. rai. no. 1:68-79 '60.

CARPATHIAN MOUNTAINS—GEOLOGY
Brief study of the structure of the Carpathians. O. S. Vialov. Pratsi Inst. geol. kor. kop. AN URSR 2:3-22 '60.

CARPATHIAN MOUNTAINS—GEOLOGY, STRATIGRAPHIC
Age of the Lopyanka subseries in the Ukrainian Carpathians. A. V. Maksimov. Dokl. AN SSSR 136 no. 4 914-915 Je '61.

CARPATHIAN MOUNTAINS—GEOLOGY, STRUCTURAL
Geological features of the northwestern edge of the Marmaroshskiy massif. A. L. Kiyvin. Geol. zhur. 20 no. 1 17-26 '60.

CARPATHIAN MOUNTAINS—OIL SHALES
Chemical nature and future utilization of the menilite shale and coal of the eastern Carpathian Mountains. V. B. Porfir'ev, I. V. Hirinberg. Pyt. rozv. prod. syl. L'viv i Stan. ekon. adm. rai. no. 1:40-61 '60.

CARPATHIAN MOUNTAINS—PETROLEUM GEOLOGY
General features of distribution and formation conditions of petroleum and gas deposits in eastern Carpathian Mountains. H. N. Dolenko. Pyt. rozv. prod. syl. L'viv. i Stan. ekon. adm. rai. no. 1:68-79 '60.

CARPATHIAN MOUNTAINS—SOILS—MICROBIOLOGY
Mineralization of organophosphates in the Carpathian brown soil. L. S. Latvinov, R. T. Rypets'kyi. Mikrobiol. zhur. 23 no. 1:9-14 '61.

[illegible]O-UKRAINE see Transcarpathia

[illegible]S' SQUARE—TESTING
23- U. S. S. R.) Komitet standartov, mer i [illegible]nykh priborov. [Instructions 99-57 for checkes] Instruktsiia 99-57 po poverke ugol'nikov, ial'noe. Moskva, 1957. 35 p.

[illegible]Y—TOOLS
work bench. A. Galitsyn. Shkola i proizv. 4 My '61

[illegible]D RUG INDUSTRY see Rug and carpet in-

subdivision under Apsheron Peninsula)
n the amount of dry matter, sugars, pigments, mes in grafted carrot plants. I. N. Sagaidak. SSSR 136 no. 1:237-240 Ja '61.

:
d changes in the histological structure of the l thyroid cartilage in man [with summary in S. B. Zeligman. Arkh. anat. gist. i embr. 40 87 Mr '61.

e and nephrocytic properties of cartilage during yonic period in birds. N. A. Ol'shvang. Uch. U no. 31:40-45 '59.

Plasticity and regeneration of cartilaginous tissue [with summary in English] T. P. Vinogradova. Arkh. anat. gist. i embr. 40 no. 3:73-81 Mr '61.

CARTOGRAPHY
(see also subdivision under Denmark)

Brief news. Geod. i kart. no. 1 76-78 Ap '61

From the work practice of the Riga Cartographic Factory in the production of the climatic atlas of the U. S. S. R. A. IA. Simonovskii, V. I. Pernatkina, M. I. Lapshina. Geod. i kart. no. 1 62-71 Ap '61

Near the sources of Soviet cartography. O. O. Danilov. Nauka i zhyttia 11 no. 4 7-10 Ap '61.

CARTOGRAPHY—BIBLIOGRAPHY see Bibliography—Cartography

CARTOGRAPHY—CONGRESSES
Ninth International Geographical Congress in Stockholm. A. M. Komkov. Izv. vys. ucheb. zav. ,geod. i aerof. no. 6 143-148 '60

CARTOGRAPHY—STUDY AND TEACHING
Kremneva, A. M. [Cartographic drawing] Kartograficheskoe cherchenie. Moskva, Izd-vo geodez. lit-ry, 1960. 103 p. plates.

CASCADES (FLUID DYNAMICS)
Analytic solution of the problem of supersonic gas flow about a cascade of conic blades [with summary in English] Part 1. N. V. Smirnov. Vest. LGU 16 no. 7 105-116 '61

CASE HARDENING
Efficient liquid carburizing and cyaniding agents for thermochemical treatment. N. M. Sergeeva, A. T. Kalinin, A. IA. Novikova. Avt. prom. 27 no. 5:35-37 My '61.

Increasing the surface hardness and the wear resistance of titanium alloys by means of high temperature diffusion saturation. A. S. Stroev, E. N. Novikova. Titan i ego splavy no. 1 107-113 '58.

Investigating reaction diffusion in systems metal - mixed gas. Part 6. System tungsten - carbon - nitrogen. A. F. Gerasimov, V. N. Konev, N. F. Timofeeva. Fiz. met. i metalloved. 11 no. 4 596-600 Ap '61

Nachinkov, A. D. [Nitriding of titanium and its alloys] Azotirovanie titana i ego splavov. Leningrad, 1960. 19 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii RSFSR. Seriia: Metallovedenie i Termicheskaia obrabotka, no. 3)
[MICROFILM]

CASPIAN DEPRESSION—PALEOBOTANY, STRATIGRAPHIC
Pleistocene flora in the northern part of the Caspian Depression. P. I. Dorofeev. Vop. geol. vost. okr. Rus. platf. i Urzh. Urala no. 5 95-107 '60.

CASPIAN LOWLAND—AFFORESTATION
Akademiia nauk SSSR. Pochvennyi institut imeni V. V. Dokuchaeva. [Soil improvement and ecological conditions in the Yergeni Hills and the northwestern part of the Caspian Lowland] Pochvenno-meliorativnyye i ekologicheskie usloviia Ergenei i severo-zapadnoi chasti Prikaspiiskoi nizmennosti. Moskva, 1961. 217 p. (DA)

CASPIAN LOWLAND—POTASSIUM
Evaluation of the potassium potential of halogen sediments in the Caspian Lowland. S. M. Koronovskii. Razved. i okh. nedr 27 no. 1:1-6 Ap '61.

CASPIAN SEA—COAST CHANGES
Some questions about the dynamics and morphology of the western shore of the southern part of the Caspian Sea. N. N. Mekhtiev. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk no. 5:151-162 '60.

CASPIAN SEA—FISHERIES
Rational utilization of fish resources of the Caspian Sea basin. L. S. Berdichevskii. Izv. AN SSSR. Ser. geog. no. 3:28-36 My-Je '61.

CASPIAN SEA—FISHES—FOOD
Food relationships of some commercial fishes in the Caspian Sea. I. A. Piskunov. Vop. ikht. 1 no. 1:79-88 '61.

CASPIAN SEA—HERRING
Formation of the first annual ring on scales and the time of sexual maturation in the Caspian herring Clupeonella engrauliformis (Borodin). B. I. Prikhod'ko. Vop. ikht. 1 no. 1:59-68 '61.

CASPIAN SEA—HYDROLOGY
Bottom-beds of the Kara-Bogaz-Gol serve as an indicator of fluctuations in the level of the Caspian Sea [with summary in English]. V. G. Rikhter. Biul. MOIP. Otd. geol. 36 no. 1:115-126 Ja-F '61.

Fish kingdom will prosper! I. Buchyns'kyi. Znan. ta pratsia no. 4:9 Ap '61.

The sea asks for water. I. Zhelezniak. Znan. ta pratsia no. 4:4-7 Ap '61.

CASPIAN SEA—PERCH
Estimating the stocks of pike perch by catches of a research trawl. A. G. Kuz'min. Vop. ikht. no. 17: 47-55 '61.

CATALYSTS (Continued)

Catalytic hydrogenation of organic oxides in a flow system at a high hydrogen pressure N I Shuikin and others Dokl AN SSSR 136 no 5 1120-1122 F '61

Catalytic properties of sodium-tungsten bronzes, which are defective structures A A Balandin, N P Sokolova Probl kin i kat 10 363-368 '60

Charging of the surface of oxide catalysts-semiconductors during adsorption F Kh Fnikeev Probl kin i kat. 10,86-89 '60.

Determining the energies of bonds with oxide catalysts by the kinetic method for the purpose of developing a theory of catalyst selection A A Tolstopiatova, A A Balandin. Probl kin i kat 10 351-355 '60

Effect of sulfur organic compounds on the process of synthesis over iron catalysts. O. A. Muzovskaia, I. B. Rapoport. Khim. i tekh. topl. i masel 6 no. 5 5-10 My '61.

Effect of the nature of the medium and catalyst on catalytic polymerization [with summary in English]. S. P. Mitsengendler, N. N. Ivanov, A. A. Korotkov. Vysokom. soed. 3 no. 2:319 F '61.

Electric conductivity of semiconductor catalysts A. Beliianskii, G. Deren', G Gaber. Probl. kin. i kat 10:37-49 '60.

Electronic factors in semiconductor catalysis and rules for the selection of catalysts S Z. Roginskii Probl kin i kat 10 5-20 '60

Energies of the bonds between nickel, iron, platinum, and palladium catalysts and the atoms of elements in organic compounds. S L Kiperman, A A. Balandin Probl kin i kat 10 344-350 '60

Genesis of active solids and catalysts as studied by measuring the surface area and the surface structure at different stages of the transformation Mixed catalysts Ni-MgO V. Daneš Probl kin i kat 10:450-458 '60

Investigation of the surface of an alkali promoter of the ammonia catalyst by means of the isotopic method S Z. Roginskii, IU E Siniak, M I IAnovskii. Probl kin. i kat 10 210-213 '60

Nature of the acidity of aluminosilicate cracking catalysts. K. V. Topchieva Probl kin i kat 10 247-254 '60.

Nature of the heterogeneity of the active surface of semiconductor contacts N. P. Keier Probl kin. i kat. 10,73-76 '60

Photosorption of oxygen and structure of the surface of silicate catalysts. IU. P. Solonitsyn Probl kin i kat 10,292-293 '60

Physicochemical properties of the surface of a cobalt catalyst. Chzhan Da-lui [Chang Ta-yu] Probl kin. i kat. 10,429-434 '60.

Preparation of mechanically strong catalysts based on aluminum oxide. IA. R. Katsobashvili and others. Trudy Inst. nefti 14:180-186 '60.

Principles for the selection of catalysts for liquid phase hydrogenation D. V. Sokolovskii Probl kin i kat. 10 178-186 '60

Radiolysis of n-heptane adsorbed on oxide catalysts. IU. A Kalbanovskii, L. S Polak, E B Shlikhter. Dokl AN SSSR 138 no 1:147-150 Ja '61

Reactivity of catalysts. Go Sie-sian', Se An'-khuei, Guo Chzhun-zhu. Probl. kin. i kat. 10,435-443 '60.

Recent investigations with mixed salt contacts W. Langenbeck. Probl. kin. i kat. 10:444-449 '60

Role of d electrons in catalysis Kinetics of dehydrogenation of isopropyl alcohol in the presence of copper, cobalt, nickel, iron, silver, platinum, and palladium A A. Balandin, P. Teteni Probl. kin. i kat. 10:339-343 '60

Selection of high temperature sulfide catalysts for various cases of destructive hydrogenation I V Kalechits Probl kin. i kat 10,121-127 '60

Selection of synthetic, stable oxide catalysts for cracking. L. I. Piguzova Probl. kin. i kat. 10,303-309 '60.

Selectivity of the action of catalysts in hydrogenation and reduction reactions. L. Kh. Freidlin Probl. kin i kat 10:187-191 '60.

Spectroscopy of elementary processes on the surface of oxide catalysts A. N. Terenin Probl. kin. i kat. 10:214-224 '60.

Structure of heterogeneous catalysts, and mechanism of some catalytic reactions. A. Krause. Probl. kin. i kat. 10 381-391 '60.

Theoretical principles of the selection of catalysts. Report No 1. Si Siau-fan, Vu IUe. Probl. kin. i kat. 10 329-338 '60.

X-ray and magnetochemical study of coprecipitated $NiO-Al_2O_3$ catalysts. A. M. Rubinshtein, V. A. Akimov, A. A. Slinkin. Probl. kin. i kat. 10:95 '60.

CATALYSTS—MAGNETIC PROPERTIES

Structure and magnetic properties of some metallic contacts W. K. Trzebiatowski. Probl. kin. i kat. 10 155-163 '60.

CATALYSTS—SPECTRA

Spectral manifestations of the action of some aprotic catalysts. V. N. Filimonov, D. S Bystrov. Probl. kin. i kat. 10:291 '60.

CATALYSTS, NICKEL

Non-pyroforic nickel catalyst in the dehydration reaction of 3, 4-dihydroisoquinoline and its derivatives. V. A. Zaseosov, E. I. Matel'kova, V. S. Onoprienko. Med. prom. 15 no. 3:35-38 Mr '61.

Possibility of using nonpyroforic catalysts in the production of chemical and pharmaceutical preparations A M Grigorovskii and others. Med prom 15 no 3 32-35 Mr '61

Promoting a skeletal nickel catalyst. Report No 1 Hydrogenation of m-nitrophenol N I Shcheglov, D V Sokol'skii, A A Ishchenko. Izv. AN Kazakh SSR. Ser. khim no 2 81-86 '60.

Promoting a skeletal nickel catalyst. Report No. 2. Hydrogenation of methyl ethyl ketone. N I Shcheglov, D. V. Sokol'skii, A A Ishchenko. Izv AN Kazakh SSR Ser. khim. no. 2 89-92 '60

CATAMARANS

Homemade B Zhutkov IUn. tekh 5 no 5 49-51 My '61.

Sport catamaran L Golovanov IUn tekh 5 no 5 44-48 My '61.

CATAPHORESIS

Investigating the temperature dependence of cataphoresis in alloys containing high-melting metals M D Smolin, I N Frantsevich Dokl AN SSSR 136 no 1 81-83 Ja '61

CATAPLEXY

Effect of X irradiation on the duration of so-called animal hypnosis in intact animals and after the removal of cerebral hemispheres P. V Simonov Zhur. vys. nerv. deiat. 11 no. 1:169-170 Ja-F '61.

CATARACT

Surgery for congenital cataracts [with summary in English]. S. A. Barkhash. Oft. zhur. 16 no. 3:157-166 '61.

CATECHOL

Catechins and flavanoids in some tea varieties of the Chinese People's Republic [with summary in English] K. M Dzhemukhadze, M. N Nestiuk, L F Mileshko Biokhimiia 25 no 2:349-354 Mr-Ap '60

Catechol content of apples. L. I. Vigorov. Izv. vys. ucheb. zav., pishch. tekh. no. 2:45-50 '61

CATHETERS

Technic of catheterization of the nipple in ewes S. A Aminov. Fiziol. zhur 47 no 5 662-664 My '61

CATHODES

Investigating the process of oxide cathode evaporation. G. IA. Pikus Fiz. tver. tela 3 no. 3:736-745 Mr '61

CATHODIC PROTECTION

Corrosion prevention in underground metal constructions. K. K. Nikol'skii, E. A. Nikitenko. Biul. tekh.-ekon. inform. no. 4:15-18 '61.

CATHOLIC CHURCH

(see also subdivision under Italy; Latin America; Velikiy Glubochek District)

Popes have their horns too ("Real nature of the 'soldiers of God'" by IU Mel'nychuk Reviewed by Myth Lohvynenko). Voiov ateist no 4:62-64 Ap '61

The Vatican lends its assistance to fascist dictators. V. G. Sarbei Volov. ateist no 4,58-59 Ap '61

CATHOLIC CHURCH (BYZANTINE RITES)

(see also subdivision under Transcarpathia)

Horodets'kyi, I. [A thorny path...; illustrated martyrology of the Ukrainian Catholic Church] Ternystym shliakhom...; martyrologiia Ukrains'koi Katolyts'koi TSerkvy v obrazkakh. Regensburg, 1948. 40 p.

CATHOLIC CHURCH—DOCTRINAL AND CONTROVERSIAL WORKS

A blind man tries to guide those who can see ("How to solve the problem of life" [in French] by Fernad Lelotte. Reviewed by A Shamaro) Mol komm. no 5 110-116 My '61.

CATION-EXCHANGING COMPOUNDS see Base-exchanging compounds

CATTLE

(see also subdivision under Stavropol Territory)

Seasonal changes in nitrogen, calcium, and phosphorus in the blood serum of cattle. N. A. Korotina. Uzb. biol. zhur. no. 2:52-55 '61.

CATTLE—FEEDING AND FEEDS

Cattle fattening stations serving several collective farms [with summaries in English, German, and French]. S. V. Grushin. Vest. sel'khoz. nauki 6 no. 5:67-74 My '61.

Effectiveness of carbamide in fattening young cattle [with summaries in English, German, and French]. N. F. Rostovtsev. Vest. sel'khoz. nauki 6 no. 5:44-47 My '61.

Experiments in physiological evaluation of food rations. V. I. Patrushev and others. Uch. zap. UrGU no. 31: 3-26 '59.

CATTLE—STATISTICS

Cattle stock in the U. S. S. R. Vest. stat. no. 5:91-95 '61.

CATTLE—WATERING

Homemade automatic watering device. V. Firsov. IUn. tekh. 5 no. 2:6 F '61.

CAUCASUS—BEAVERS, FOSSIL

Beavers (Castor fiber L.) in the Caucasus N I Burchak-Abramovich Uch. zap. AGU Biol. ser no. 3 43-48 '60

CAUCASUS—ELEPHANTS

Elephants in the ancient Caucasus N I. Burchak-Abramovich Vest Gos muz Gruz 18A 31-37 '59

CAUCASUS—ETHNOLOGY

Kosven, M. O. [Ethnology and history of the Caucasus; studies and materials] Etnografiia i istoriia Kavkaza, issledovaniia i materialy. Moskva, Izd-vo vostochnoi lit-ry, 1961. 257 p.

CAUCASUS—FLYSCH

Mineral and geochemical facies of sediments in the flysch formation of the southeastern Caucasus F. A. Dadashova Trudy AzNII DN no 9 41-53 '60.

CAUCASUS—FOREST SOILS

Dynamics of available nutritive substances in mountain forest soils at different elevations in beech forests B. A Dzhafarov Dokl AN Azerb SSR 17 no. 3:237-241 '61

CAUCASUS—GEOLOGICAL SURVEYS

Improving working conditions of geological surveyers. V. B. Argunov. Bezop. truda v prom. 4 no. 5:24-25 My '60.

CAUCASUS—GEOLOGY

Lateral, simultaneous sedimentation, and faulting on the boundary of the central and western Caucasus and the distribution of Mesozoic and Cenozoic facies. V. E. Khain, M. G. Lomize. Izv. AN SSSR. Ser. geol. 26 no. 4 26-43 Ap '61.

CAUCASUS—GEOLOGY, STRATIGRAPHIC

Stratigraphy of the Upper Cretaceous sediments of the interfluve of the Koshkarchay and the Kyurakchay (Lesser Causasus) [in Azerbaijani with summary in Russian]. O. B. Aliev. Izv. AN Azerb. SSR. Ser. geol. -geog. nauk no. 5:55-63 '60.

Upper Jurassic complex of the northern slope of the Greater Caucasus. B. K Lotiev, IU. A Sterlenko. Trudy GNI no 21:37-45 '59

CAUCASUS—GEOLOGY, STRUCTURAL

Petrogenetic features of Mesozoic intrusions in the northeastern portion of the Lesser Caucasus (Azerbaijan S.S.R.). G. I. Kerimov. Izv. AN SSSR, Ser. geol. 26 no. 5 37-44 My '61.

Transverse differentiation of present-day tectonic movements in the southern slope of the eastern Caucasus [with summary in English]. I. V. Kirillova. Biul. MOIP. Otd. geol. 36 no 1.21-39 Ja-F '61.

CAUCASUS—HEALTH RESORTS, WATERING PLACES, ETC.

Tabolov, V. S. [Corpulence and its treatment at health resorts of the Caucasus Mineral Waters region] Ozhirenie i ego lechenie na kurortakh Kavkazskikh Mineral'nykh Vod. [Stavropol'] Stavropol'skoe knizhnoe izd-vo, 1960. 77 p. (DNLM)

CAUCASUS—HISTORY

Kosven, M. O. [Ethnology and history of the Caucasus; studies and materials] Etnografiia i istoriia Kavkaza; issledovaniia i materialy. Moskva, Izd-vo vostochnoi lit-ry, 1961. 257 p.

CAUCASUS—HISTORY, MILITARY

Georgian soldiers of the Caucasian field forces in the 1820's [in Georgian with summary in Russian]. IA. Khutsishvili. Trudy Tbil. GU 77:155-170 '59.

CAUCASUS—OATS—VARIETIES

A rare Caucasian cereal Festuca longiaristata (Hack.) Somm. et Lev. I. K. Artamonova. Nauch. dokl. vys. shkoly; biol. nauki no. 2:135-138 '61.

CAUCASUS—PALEONTOLOGY

New finds of fauna in the upper Cretaceous flysch of the southeastern Caucasus. R. A. Aliev Azerb. neft. khoz 40 no. 3 5-6 Mr '61.

CAUCASUS—PETROLEUM GEOLOGY

Geology and estimation of the oil content of the Strorzhevaya field in the northwestern Caucasus. B K. Lotiev. Trudy GNI no 21:156-167 '59.

CAUCASUS—SEISMOLOGY

Seismology of the eastern part of the southern spurs of the Greater Caucasus and some problems of methodology in studying the seismology of individual regions. A. M. Bardasarova and others. Izv. AN Azerb. SSR. Ser. geol. -geog. nauk no. 5:21-31 '60.

CAUCASUS—SEISMOMETRY

Hodograph of earthquakes of the southeastern Caucasus. V. P. Kuznetsov. Izv. AN SSSR. Ser. geofiz. no. 6:889-891 Je '61.

CAUCASUS—WATER, UNDERGROUND

Hydrochemical characteristics of Maikop sediments in the Anti-Kubanly oil area. M. S Agalarov. Trudy AzNII DN no. 9 26-29 '60.

CAUCASUS, NORTHERN—AGRICULTURE

Chachin, V. P. [This too is virgin land] Eto tozhe tselina. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 37 p.

CAUCASUS, NORTHERN—ECONOMIC CONDITIONS

Studying the socioeconomic premises of the Great October Socialist Revolution in the Don Valley and the Northern Caucasus. Ist. SSSR 5 no 2 231-233 Mr-Ap '61

CAUCASUS, NORTHERN—GAS, NATURAL—GEOLOGY

Basic geological characteristics, and oil and gas potentials of the northwestern part of the Crimea-Caucasus province. F A Shcherik. Trudy VNIGNI no 10 181-200 '58

Basic stages in expanding oil and gas prospecting in eastern Ciscaucasia. I. M. Umanskii Trudy GNI no. 21 144-155 '59

CAUCASUS, NORTHERN—GEOLOGY, STRATIGRAPHIC

Facies variability in Callovian deposits of the Belaya and Pshekha River basins (Northern Caucasus) in connection with the structural and facies zonality of the area. M. G. Lomize. Biul MOIP, Otd. geol. 36 no. 1, 89-98 Ja-F '61.

CAUCASUS, NORTHERN—GEOLOGY, STRUCTURAL

Possibility of establishing causes of ablation of rock from magnetic susceptibility as in the case of Maikop series in the northwestern portion of Ciscaucasia M N Smirnova, T V IAkovleva Trudy GNI no 21 120-126 '59

CAUCASUS, NORTHERN—PETROLEUM GEOLOGY

Basic geological characteristics, and oil and gas potentials of the northwestern part of the Crimea-Caucasus province. E A Shcherik Trudy VNIGNI no. 10 181-200 '58.

Basic stages in expanding oil and gas prospecting in eastern Ciscaucasia. I. M Umanskii Trudy GNI no 21 141-155 '59

CAUCASUS, NORTHERN—PYRITES

Letter to the editor. V. I. Smirnov, T. IA. Goncharova. Izv. AN SSSR, Ser. geol. 26 no. 5-101 My '61.

CAUCASUS, NORTHERN—SPRING

In the Caucasian foothills. Z. F. Kuteeva. Priroda 50 no. 5-126 My '61.

CAUSATION

Does the study of causal relations fall within the scope of historical linguistics? [with summary in English] M I Steblin-Kamenskii. Vest LGU 16 no 6-121-124 '61

CAVE DRAWINGS see subdivision under Kamennyy Islands (Angara River), Ural Mountains

CAVE FAUNA

Inhabitants of artificial caverns. P. P. Strelkov. Priroda 50 no. 5-108-109 My '61.

CAVENDISH, HENRY, 1731-1810

Henry Cavendish; on the 150th anniversary of his death. B. S. Sotin. Fiz. v shkole 20 no. 2-17-18 Mr-Ap '60.

CAVES see subdivision under Crimea; Czechoslovakia

CAVITATION

Frequency of cavitation in turbulent boundary layers and wake currents. V. I Il'ichev Dokl. AN SSSR 136 no 5-1047-1050 F '61.

CEILINGS

Designing narrow-panel ceilings R. B. Kondrat'ev. Stroi. mekh i rasch. soor. 2 no. 2-36-41 '60.

CELESTIAL MECHANICS see Mechanics, Celestial

CELL DIVISION (BIOLOGY)

Analysis of the action of repeated estrone injections on the mitotic activity of the uterine epithelium in mice [with summary in English]. U. I. Epifanova. Biul. eksp. biol. i med. 51 no 3-102-105 Mr '61.

Daily rhythm of cellular multiplication in the epidermis of rats during the healing of skin wounds [with summary in English]. M T. Gololobova. Biul. eksp. biol. i med. 50 no. 10-118-122 O '60.

Dependence of mitotic activity of the epithelium of crypts of the small intestine on the state of the nervous system [with summary in English]. L. I. Omel'iannenko. Biul. eksp. biol. i med. 51 no. 1-86-90 Ja '61.

Dynamics of the mitotic activity of the corneal epithelium in white mice during fasting [with summary in English]. O. T. Movchan. Biul. eksp. biol. i med. 50 no. 7-90-93 Jl '60.

Multiplication of mesothelial cells of the pleura under experimental conditions [with summary in English]. V. F. Ivanova. Arkh. anat. gist. i embr. 39 no. 7-30-36 Jl '60.

CELL NUCLEI

Isolation and characteristics of ribonucleic acid of the chromosomenucleolar apparatus. G. P. Georgiev. Dokl. AN SSSR 138 no. 2-458-461 My '61.

Quantitative interrelationship between protein and nucleoprotein fractions in cell nuclei of various tissues [with summary in English] G P Georgiev, L P Dimolaeva, I. B. Zbarskii Biokhimiia 25 no 2 318-322 Mr-Ap '60

Radiation study of morphogenetic functions of nuclei at the early developmental stage of tailless amphibians A A Neifakh. Dokl. AN SSSR 136 no. 5 1248-1251 F '61

CELLS

"The cell, biochemistry, physiology, morphology" Edited by J Brachet, A Mirsky. Reviewed by M S Navashin and others TSitologiia 2 no 2 254-258 Mr-Ap '60

Cytochemistry of nucleoli and residual chromosomes G. P. Georgiev. TSitologiia 2 no. 2 186-193 Mr-Ap '60

Research objectives in "Main problems of cytology" A. S. Troshin TSitologiia 2 no 2 131-137 Mr-Ap '60

CELLULOSE

Carboxymethylcellulose sodium as a hydrophilic ointment base M Kh Gluzman, I B Levitskaia, G S Bashura Vest derm i ven 35 no. 4-10-14 Ap '61.

Cellulose solutions in a cadmium-ethylenediamine complex L. S. Bolotnikova, T. I. Samsonova. Zhur. prikl. khim. 34 no. 3-659-662 Mr '61.

Controlling the specificity of cellulose homogeneity by means of temperature in the course of treatment with dilute nitric acid B A Zakharov and others Izv AN SSSR Otd khim nauk no. 5-926-927 My '61

Effect of γ-rays on the structure of cellulose fibers [with summary in English]. Kh. U. Usmanov, E. I. Kalabanovskaia, R. B. Damovskii. Vysokom. soed. 3 no. 2-223-227 F '61.

Electron diffraction method of determining the structure of cellulose. A. L. Zaides, I. G. Stoianova. Vysokom. soed. 3 no. 2-321 F '61.

New method of preparing cellulose materials possessing water-repellent properties. N. M. Khvostenko, Chhan Vei-gan [Chang Wei-kung], Z. A. Rogovin Zhur. prikl. khim. 34 no 3-656-659 Mr '61.

CELLULOSE—TESTING

Methods for the preparation of cellulose fibrous materials for infrared tests. A. B Poliak Izv vys ucheb zav., les. zhur. 3 no. 1 152-154 '60.

Methods of determining carboxyl groups in cellulosic materials. G. E. Krichevskii, F. I. Sadov. Izv. vys. ucheb. zav.; tekh. teks. prom. no. 2-115-119 '61.

CELSUS, AULUS CORNELIUS

"De medicina" by Aulus Cornelius Celsus. S A Reshetnikov. Vest AMN SSSR 15 no 4 89-90 '60

CEMENT

Developing methods of detecting boron and fluorine in cement materials. V. V. Myshlinova, E. I. Nagerova, T. A. Osokina Nauch. soob. NIITSementa no. 8-23-28 '60.

Gluing concrete and reinforced concrete articles with cement glue. N. V. Mikhailov, N. B. Ur'ev. Avt. dor. 24 no. 3-19-22 Mr '61.

Hardening of cement under conditions of high temperatures and pressures. S. M. Rolak, A. M. Dmitriev. Nauch. soob. NIITSementa no. 9-19-30 '60.

Introduction of a new means for correcting the composition of raw slurry. T. I. Pogarskaia TSement 27 no. 2-27-28 Mr-Ap '61.

Method of analyzing pyrite cinders. M. N. Laikina. Nauch. soob. NIITSementa no. 8-28-32 '60.

Structure of cement brick as a result of accelerated steaming. I. V. Kravchenko, M. T. Vlasova. Nauch. soob. NIITSementa no. 8-13-18 '60.

Study of the characteristics of packing cements. Z. L. Daniushevskaia, M. T. Vlasova, G. P. Gerasimova. Nauch. soob. NIITSementa no. 7-11-20 '60.

Using mercury porometry for determining the differential porosity of cement stone. I. V. Kravchenko, B. E. Fudovich. Nauch. soob. NIITSementa no. 9-32-38 '60.

CEMENT—DRYING

Investigating the kinetics of the drying of gypsum-cement slabs having internal heat sources [with summary in English]. N. B. Marfianov. Inzh.-fiz zhur 4 no. 5. 100-103 My '61

CEMENT—STORAGE

Standardization of cement storage yards. V. A. Girskii, A. N. Shpringer. Mekh. stroi. 18 no. 3-8-11 Mr '61.

Stock storage tanks for cement. P. A. Vlasov. Mekh. stroi. 18 no. 3-24-25 Mr '61.

Using silos for storage of cement. B. M. Shmidt. Mekh. stroi. 18 no. 3-14-15 Mr '61.

CEMENT—TESTING

Effect of drying on the mechanical strength of loess cement. I. I. Sadykov, I. S. Kantsepol'skii. Izv. AN Uz. SSR no. 9-59-66 '58.

CEMENT—TRANSPORTATION

Cement trucks with a load capacity of 7-12 tons. I. F. Grafov. Mekh. stroi. 18 no. 3-20-21 Mr '61.

Railroad cement car with pneumatic unloading. A. I. Matveev, D. I. Sokolovskii. Mekh. stroi. 18 no. 3-19-20 Mr '61.

CEMENT CLINKERS

Action of balls in a cement mill during the grinding of preburned clinker. G. S. Kiykhtin. Nauch. soob. NIITSementa no. 7 20-24 '60

Dependence of the binding characteristics of clinker minerals on the temperature of calcination and crystalline structure IU. M Butt, V. V Timashev. TSement 27 no 2-17-22 Mr-Ap '61

Effect of adding dust on the clinkering process. K. G. Kolesova. Nauch. soob NIITSementa no 8 8-12 '60

Effect of physicochemical factors on the effectiveness of whitening cement clinker. A. N. Grokhman Nauch. soob NIITSementa no. 8 19-23 '60.

Intensifying the process of clinker firing using sodium fluosilicate additives. N. V. Shakhmagon, N. N. Nikolaichik. Nauch. soob. NIITSementa no. 9 13-18 '60.

Method of determining the thermophysical characteristics of cement clinker at different temperatures. D. IA. Mazurov. Nauch. soob. NIITSementa no. 9 9-12 '60.

Using sodium fluosilicate as a mineralizer at the Kiichev Cement Factory. O. K. Ateshina. Nauch. soob. NIITSementa no. 7-1-4 '60.

CEMENT CLINKERS—COOLING

Improving the conditions of heat transfer in reciprocating grate coolers. Kh. S. Vorob'ev, I. I. Kholin. Nauch. soob. NIITSementa no. 9 1-5 '60

CEMENT INDUSTRIES

(see also subdivision under Asia, Central, China; Kazakhstan; United States; Zdolbunov)

Taking measures to develop the cement industry Biul stroi tekh 18 no 5 3-5 My '61

Taking measures to speed the development of the cement industry from 1961 through 1965. TSement 27 no. 2 1-11 Mr-Ap '61.

CEMENT INDUSTRIES—BIBLIOGRAPHY see Bibliography—Cement Industries

CEMENT INDUSTRIES—COSTS

Effect on the net cost of cement of equipment and production concentration. A. N. Lilusov. Nauch. soob. NIITSementa no. 8, 33-37 '60.

CEMENT INDUSTRIES—PERIODICALS

Sixty years of the magazine "TSement." TSement 27 no. 2-32 Mr-Ap '61.

CEMENT INDUSTRIES—SAFETY MEASURES

Automation and safety measures at cement plants. F. L. Kotliarov. Bezop. truda v prom. 4 no. 5-26-27 My '60.

CEMENT INDUSTRIES—TECHNOLOGICAL INNOVATIONS

Bonuses for the introduction of new equipment, progressive techniques and modern work methods. TSement 27 no. 2 31 Mr-Ap '61.

CEMENT KILNS

Ways of improving the slag feeders. V. K. Khokhlov, L. A. Krolchuk. Nauch. soob. NIITSementa no. 9-6-8 '60.

CEMENT PLANTS

(see also subdivision under Belgorod)

Automatic control of an electric filter. L. A. Matiatin, G. V. Zakharov. TSement 27 no 2 14-16 Mr-Ap '61.

Decreasing waste in production. A. D. Kaminskii. TSement 27 no. 2-6-8 Mr-Ap '61.

Let's pay more attention to the elimination of dust in industrial processes. TSement 27 no. 2-1-3 Mr-Ap '61.

Operation of the cement works of an aluminum factory. V. N. Chulanov, E. M. Stenkenko, A. R. Tager. TSement 27 no. 2-8-10 Mr-Ap '61.

Operational efficiency of a Soviet electric filter. D. A. Saverchenko, V. M. Gavrikov. TSement 27 no. 2-13-14 Mr-Ap '61.

Pneumatic drive for controlling a bunker gate in unloading crushed stone. A. S. Vavilov. TSement 27 no. 2, 27 Mr-Ap '61.

Problems of dust elimination. I. N. Kholin, F. G. Banit. TSement 27 no. 2-4-6 Mr-Ap '61.

Properties of dust and ways of using it. IA. M. Syrkin and others. TSement 27 no. 2-11-12 Mr-Ap '61.

CEMENTATION (METALLURGY)

Characteristics of the kinetics of diffusion processes in cemented layers of alloys. A. P. Liubchenko. Fiz. met. i metalloved. 11 no. 5-714-724 My '61.

Substructure of a cemented layer. G. N. Bakakin, A. P. Liubchenko. Fiz. met. i metalloved. 11 no. 2-247-251 F '61.

CEMENTITE

Decomposition of free cementite. R. P. Todorov, G. I. Koshovnik. Metalloved. i term. obr. met. no. 5-29-30 My '61.

CENTAUREA
(see also subdivision under Apsheron Peninsula)
Russian centaurea and its control. P. M. Kurochkin, M. M. Horians'kyi. Nauk. pratsi Ukr. nauk.-dosl. inst. prosh. zeml. 1 52-61 '59.

CENTRAL BLACK EARTH REGION—CORN (MAIZE)—IRRIGATION
Irrigation of corn by the use of long furrows. V. P. Shtyka, IU. I. Selivanov. Gidr. i mel. 13 no. 5 13-20 My '61.

CENTRAL BLACK EARTH REGION—DUCKS
Duck breeding is a source for obtaining a large quantity of cheap meat in the Central Black Earth Region. N. P. Aleksandrov, G. V. Suslov. Dokl. i soob. VNIESKH no. 8. 127-132 '60.

CENTRAL BLACK EARTH REGION—ICE ON RIVERS, LAKES, ETC.
Methods for short-range forecasting of the breakup of rivers in the Central Black Earth Region. F. A. Evstratov. Trudy TSIP no. 100-102-108 '60.

CENTRAL RUSSIAN UPLAND—ALLUVIUM
Characteristics of the formation of ravine alluvium. A. A. Velichko. Izv. AN SSSR. Ser. geog. no. 3:56-62 My-Je '61.

CENTRAL RUSSIAN UPLAND—VALLEYS
Characteristics of the formation of ravine alluvium. A. A. Velichko. Izv. AN SSSR. Ser. geog. no. 3:56-62 My-Je '61.

CENTRIFUGATION
Determining power consumption for the conveying of the speed of a rotor to the liquid phase of a suspension in a centrifugal decanter. M. M. Vasil'ev. Trudy NIIKHIMMASH no. 29:51-65 '59.
Determining the pressure drop during centrifugal filtration. L. M. Poleshchuk. Trudy NIIKHIMMASH no. 29:15-19 '59.
Theory of filtration in a field of centrifugal forces. L. M. Poleshchuk. Trudy NIIKHIMMASH no. 29 3-8 '59.
Theory of the centrifugation of multicomponent suspensions. L. M. Poleshchuk. Trudy NIIKHIMMASH no. 29:9-11 '59.

CENTRIFUGES
Effect of the geometry of a rotor on the efficiency of a screw settling centrifuge. E. L. Mikhlin. Trudy NIIKHIMMASH no. 20:72-85 '59.
Fractionation of clayey materials in a water centrifuge. N. S. Belostotskaia, T. Kh. Fedorova. Stek. i ker. 18 no. 5:25-27 My '61.
Intensifying filtering centrifuges. M. M. Vasil'ev. Trudy NIIKHIMMASH no. 29:66-71 '59.
Modeling settling centrifuges. D. E. Shkoropad. Trudy NIIKHIMMASH no. 29:25-33 '59.
Technical calculation of filtering centrifuges and centrifugal decanters with periodic action. M. M. Vasil'ev. Trudy NIIKHIMMASH no. 29:34-50 '59.
Using the sedimentometric method for the determination of dispersity in designing settling centrifuges. D. E. Shkoropad. Trudy NIIKHIMMASH no. 29:20-24 '59.
Zarubin, L. S., and A. V. Shlau. [Filter centrifuges for the dewatering of fine coals] Fil'truiushchie tsentrifugi dlia obezvozhivaniia melkogo uglia. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 110 p.

[illegible]RATION
ded centrifuges and separators
ort. L. V. Epishev. Trudy
29:86-106 '59.

CERAMIC MATERIALS
Measuring the hardness of ceramic material for electric and radio engineering. P. P. Budnikov, IA. M. Kantor. Stek. i ker. 18 no. 5:18-24 My '61.
Onishchik, L. I. [Designing masonry with ceramic facing] Raschet kamennoi kladki s keramicheskoi oblitsovkoi. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 140 p.
Raise the quality of ceramic finishes for exterior walls. Stroitel' no. 4 29-30 Ap '61.

CERAMIC METALS
Use of hard ceramic metal alloys for the upsetting of reinforcement elements. L. S. Feigin, E. A. Limina. Metallurg 6 no. 3:33-35 Mr '61.

CERAMIC METALS—TESTING
Adiabatic elasticity modulus in tungsten ceramic metal hard alloys. F. F. Voronov, D. B. Balashov. Fiz. met. i metalloved. 9 no. 4:616-620 Ap '60.

CERAMICS
Automation of the control of mechanical presses. R. I. Mazo. Stek. i ker. 18 no. 5:36-37 My '61.
Effect of the binder composition on the properties of drosses used in the hot casting of ceramic products. P. P. Budnikov, N. A. Marokueva, S. G. Tresviatskii. Zhur. prikl. khim. 34 no. 3:492-497 Mr '61.

CEREAL PRODUCTS
Dorfman, M. Kh. [Pneumatic transportation of grain and cereal products] Pnevmaticheskii transport zerna i produktov ego obrabotki. Moskva, Izd-vo tekhn. i ekon. lit-ry po vopr. osam khleboproduktov, 1960. 231 p.
Studying lipoxidase in cereal crops in connection with the problem of the development of rancidity in groats. M. P. Popov, D. A. Cholcev. Biokhim. zerna no. 5 263-270 '60.

CEREBELLUM
Effect of local irradiation on the cerebellum and cervical area of the spinal cord. A. P. Mironova. Fiziol. zhur. 47 no. 2:221-225 F '61.
Representation in the cerebellum of certain visceral nerves [with summary in English]. N. V. Bratus'. Fiziol. zhur. 46 no. 2:179-184 F '60.
Representation of the internal organs in the cerebral cortex and cerebellum in cats and dogs. Report No. 4. Representation of the nn. pelvici and pudendi in the cerebral cortex of dogs [with summary in English]. K. M. Kulanda. Biul. eksp. biol. i med. 49 no. 2:16-22 F '60.

CEREBELLUM—ABSCESS
Otogenic abscess of the cerebellum complicated by candidomycosis. IU. N. Savchenko. Vest. otorin. 22 no. 1:81-85 Ja-F '60.

CEREBELLUM—BLOOD SUPPLY
Arterial blood supply of the dentate nucleus of the rabbit cerebellum in direct and collateral circulation [with summary in English]. V. V. Stenyk. Arkh. anat. gist. i embr. 39 no. 7:80-83 Jl '60.

CEREBRAL ARTERIES
Change in higher nervous activity in dogs following exclusion of both anterior cerebral arteries [with summary in English]. A. S. Kuklina. Zhur. vys. nerv. deiat. 10 no. 2:246-251 Mr-Ap '60.

CEREBRAL CORTEX
Bioelectrical reaction of the visual cortex in rabbits to a single afferent stimulation under conditions of a long-term experiment. A. IA. Supin. Fiziol. zhur. 47 no. 2:141-147 F '61.
Change in the excitability of the cortical nerve centers in children in various emotions [with summary in English]. E. G. Kurtsheva. Zhur. vys. nerv. deiat. 10 no. 2:204-209 Mr-Ap '60.
Changes in the interrelationships of bioelectrical activity in various areas of the cerebral cortex of the dog in the process of formation of temporary connections [with summary in English]. V. N. Dumenko. Biul. eksp. biol. i med. 49 no. 2:4-8 F '60.
Characteristics of a convulsive seizure during electrical stimulation of various areas of the cerebral cortex under long-term experimental conditions. G. A. Khasabov. Fiziol. zhur. 47 no. 2:148-153 F '61.
Conditioned reflex activity in dogs before and after bilateral removal of the parietal cortex [with summary in English]. S. A. Babaian. Biul. eksp. biol. i med. 51 no. 2:9-13 F '61.
Cortical electrical responses in ontogenesis. N. N. Dridzishvili, T. D. Dzhavrishvili. Fiziol. zhur. 47 no. 5:559-565 My '61.
Dendritovasal relationships in the human brain [with summary in English]. N. N. Zlatutskaia. Arkh. anat. gist. i embr. 38 no. 4:45-50 Ap '60.
Development, course, and outcome of experimental tetanus intoxication under changed functional conditions of the central nervous system [with summary in English]. V. T. Sadovskaia. Biul. eksp. biol. i med. 49 no. 3:41-46 Mr '60.
Functional symmetry of the cortical portion of the sound analyzer [with summary in English]. V. M. Mosidze. Biul. eksp. biol. i med. 49 no. 2:11-16 F '60.
Further observations on thermoregulation in decorticate animals. L. I. Gorbatsevich. Fiziol. zhur. 47 no. 5 598-604 My '61.
Individual characteristics of electrical processes in structures of the brain stem and cerebral cortex in dogs [with summary in English]. T. S. Naumova. Zhur. vys. nerv. deiat. 11 no. 1:133-141 Ja-F '61.
Inhibition of the anaphylactic reaction by mechanisms of dynamic stereotype [with summary in English]. V. I. Lukianenko. Biul. eksp. biol. i med. 51 no. 2:82-86 F '61.
Participation of the cholino- and adrenoreactive systems of the reticular formation of the mesencephalon in the activation reaction of the cerebral cortex. P. P. Denisenko. Fiziol. zhur. 47 no. 5:551-558 My '61.
Representation of the internal organs in the cerebral cortex and cerebellum in cats and dogs. Report No. 4: Representation of the nn. pelvici and pudendi in the cerebral cortex of dogs [with summary in English]. K. M. Kulanda. Biul. eksp. biol. i med. 49 no. 2:16-22 F '60.
Role of corticovisceral disorders in the pathogenesis and course of gastric and duodenal ulcer. P. I. Shilov, F. M. Lebedev. Terap. arkh. 33 no. 1:51-60 '61.
Scientific conference devoted to the problem of the mechanisms of corticovisceral interactions. K. Lange. Fiziol. zhur. 47 no. 3:109-111 Mr '61.
Significance of vitamin B_6 in the normal activity of the cerebral cortex [with summary in English]. S. A. Kosenko. Zhur. vys. nerv. deiat. 10 no. 2 291-296 Mr-Ap '60.
Study of electrical phenomena in the cerebral cortex of dogs during the elaboration of conditioned defensive reflexes [with summary in English]. V. N. Dumenko. Biul. eksp. biol. i med. 49 no. 3:8-12 Mr '60.
Study of the electrical activity of the reticular formation of the mesencephalon in the rabbit during extinction of the "activation reaction" in response to indifferent stimuli. P. I. Kalinin, A. A. Sokolova. Fiziol. zhur. 47 no. 5 535-541 My '61.
Study of the sorption properties of the cerebral cortex of white mice in hematogenic tuberculosis. M. D. Shkol'nikova. TSitologiia 2 no. 2:153-160 Mr-Ap '60.

CEREBROSIDE
Rate of cerebroside and ganglioside metabolism in the brain [with summary in English]. N. P. Taranova. Vest. LGU 16 no. 9:114-122 '61.

CEREBROSPINAL FLUID
Cerebrospinal fluid changes in tumors of the cauda equina. A. A. Kokhanchikova. Vop. neirokhir. 25 no. 3:31-34 My-Je '61.

CEREBROVASCULAR DISEASE
A case of "Fahr's disease." A. S. Pentsik, R. IA. Plintse, V. K. Apinis. Vop. neirokhir. 25 no. 3:56-58 My-Je '61.

CERIUM—ANALYSIS
Qualitative detection reaction for thorium and cerium ions. T. A. Soboleva. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 2:163-165 '61.

CERIUM—ISOTOPES
Investigating the β-radiation of Nb^{95} and Ce^{144} by absorption in the air. N. E. Tsvetaeva, L. A. Rosenfel'd. Zhur. eksp. i teor. fiz. 38 no. 2:641-644 F '60.

CERIUM-MAGNESIUM ALLOYS see Magnesium-cerium alloys

CERIUM OXIDE—THERMAL PROPERTIES
Heat capacity of cerium sesquioxide Ce_2O_3 at high temperatures. F. A. Kuznetsov, T. N. Rezukhina. Zhur. fiz. khim. 35 no. 4:956-957 Ap '61.

CERIUM SULFIDE
Vacuum thermal method of preparing cerium and lanthanum monosulfides. S. V. Radzikovskaia, G. V. Samsonov. Zhur. prikl. khim. 34 no. 3:671-672 Mr '61.

CESIUM—ISOTOPES
Sorption of long-lived fission products by the soil and by clayey minerals. IU. A. Kokotov, R. F. Popova, A. P. Urbanuk. Radiokhimiia 3 no. 2:199-200 '61.

CESIUM CARBONATE
Preparation of cesium carbonate from pollucite-spodumene concentrates. IA. G. Goronbchenko and others. TSvet. met. 34 no. 5 55-57 My '61.

CEYLON—ECONOMIC CONDITIONS
Land of ancient culture. A. Blok. Uzbekiston 19 no. 2:9 F '60.

CEYLON—TECHNICAL ASSISTANCE, RUSSIAN
Land of ancient culture. A. Blok. Uzbekiston 19 no. 2:9 F '60.

CHACONINE
Use of acetate in the biosynthesis of chaconine and solanine in potato sprouts [with summary in English]. A. R. Guseva, M. G. Borikhina, V. A. Panchishchenko. Biokhimiia 25 no. 2:282-284 Mr-Ap '60.

CHAENOMELES
Chaenomeles Maulei, a good decorative shrub for the North. IU. A. Luks. Biul. Glav. bot. sada no. 39:85-88 '60.

CHAIN-TRACK VEHICLES see Tracklaying vehicles

CHALK
Chalk instead of machine oil for lubricating molds. Sel'. stroi. 15 no. 3:26 Mr '61.

CHANCE
Shirokanov, D. I. [The dialectic of necessity and chance] Dialektika neobkhodimosti i sluchainosti. Minsk, Izd-vo Akad. nauk BSSR, 248 p.

CHAR see subdivision under East Siberian Sea

CHARA VALLEY—SAND DUNES
Barkhans and hydrolaccoliths of the Chara Valley. V. S. Preobrazhenskii. Priroda 50 no. 5:93-95 My '61.

CHARACTER

The interrelationship between character and temperament A. A. Shein Uch zap Komi gos ped. inst no 7:293-312 '59

CHARACTERS AND CHARACTERISTICS IN LITERATURE

Characters and social problems described in "Pazukhin's death," a comedy by M. E. Saltykov-Shchedrin. N. V. Karpov. Uch. zap. Lip. gos. ped. inst. 2:77-109 '58.

How the periodical "Otechestvennye zapiski" tried to create affirmative types in the Russian literature of the late 1860's and the early 1870's. A. G. Belotserkovskii. Uch. zap. Lip. gos. ped. inst. 2 59-76 '58.

"I" and "we" (to be continued). V. Nazarenko. Zvezda no. 3 171-184 Mr '61.

"I" and "we" (conclusion). V. Nazarenko Zvezda no 4 195-208 Ap '61

Individualization of the literary image P. G. Pustovoit Vest. Mosk. un. Ser. 7. Filol., zhur 16 no 1, 21-33 Ja-F '61.

Some aesthetic aspects of the portrayal of an affirmative hero in "The Russian forest," a novel by Leonid Leonov F. Kh. Vlasov Uch. zap. MGPI 161 247-285 '61

CHARCOAL

Interaction between molecular oxygen and the free valences of coal. N. N. Tikhomirova and others Probl. kin. i kat. 10 126-128 '60

CHARTAK—HEALTH RESORTS, WATERING PLACES, ETC.

Miracle water. A. Saidaliev. Uzbekistan 10 no. 3:27 Mr '60.

CHARTISM

Frofcev, N. A. [The Chartist movement] Chartistskoe dvizhenie. Moskva, Izd-vo Akad. nauk SSSR, 1961. 126 p. (Nauchno-populiarnaia serila)

CHASTE TREE

Spice plant. A. A. Viazov. Priroda 50 no. 5:123 My '61.

CHASTUSHKI

[Siberian chastushki] Sibirskie chastushki. [Omsk] Omskoe knizhnoe izd-vo, 1959. 100 p.

CHAZADYR REGION (TUVA AUTONOMOUS PROVINCE—HORNBLENDE

Genesis of the Chazadyr hornblende mineralization (western Tuva). V. P. Efremeev. Trudy IGEM no. 47 43-52 '60.

CHEBYSHEV POLYNOMIALS

Generalized Chebyshev nets and manifolds of bounded curvature. I. IA. Bakel'man. Dokl AN SSSR 136 no 3: 506-507 My '61.

CHECHEN-INGUSH A. S S. R. —BIOGRAPHY

Shipulin, N. G., and others. [Heroe of Soviet Chechen-Ingush] Geroi Sovetskoi Chechenо-Ingushetii. [Groznyi] Chechenо-Ingushskoe knizhnoe izd-vo, 1960. 107 p. (MH)

CHEESE

Some structural and mechanical properties of process cheese as determined by the flux salts used. E. M. Shubin. Izv. vys. ucheb zav. ,pishch. tekh. no. 2:70-74 '61.

CHEKHOV, ANTON PAVLOVICH, 1860-1904

Anton Pavlovich Chekhov. Urbekistan 10 no. 1:19 Ja '60.

Chekhov's works in Poland. Z. M. Kholonina Vest Mosk. un Ser 7 Filol , zhur 15 no 2 67-70 Mr-Ap '60.

"Complaint book" by A. P. Chekhov. Reviewed by Georgii Koka. Zvezda no. 3:212-213 Mr '61.

Letters written by N. P. Kondakov to A. P. Chekhov; published by N. I. Gitovich. Izv. AN SSSR, Otd. lit. i laz. 19 no. 1 32-40 Ja-F '60.

The nature of the conflict in A. P. Chekhov's play "Uncle Vania." V. E. Khalizev. Vest. Mosk un Ser. 7. Filol , zhur 16 no. 1, 49-64 Ja-F '61.

New materials for the A. P. Chekhov Collection; Yalta Archives of M. P. Chekhova. Zap. Otd. ruk no. 21 65-101 '59

Unpublished letter by A. P. Chekhov to O. L. Knipper Zap. Otd ruk no 21 235 '59.

CHEKHOVA, MARIIA PAVLOVNA, d. 1957

New materials for the A. P. Chekhov Collection, Yalta Archives of M. P. Chekhova. Zap Otd. ruk no 21 65-101 '59.

CHELATES

Some electrophysical properties of polymeric complexes formed by tetracyanethylene with metals. A. A. Berlin and others Dokl. AN SSSR 136 no 5:1127-1129 F '61.

CHELATES—MAGNETIC PROPERTIES

Magnetic susceptibility of the chelate compounds of divalent copper, nickel, and cobalt with Mannich bases. E. P. Tratlina and others. Zhur. fiz. khim. 35 no. 4:960-962 Ap '61.

CHELEKEN PENINSULA—WATER, UNDERGROUND—MICROBIOLOGY

Effect of sulfate-reducing and methane-forming bacteria on the gas and chemical compositions of subterranean waters in the Cheleken Peninsula. Z. I. Kuznetsova. Vop. gidrogeol. i inzh. geol. no. 18:59-65 '59.

CHELYABINSK—AGGREGATES (BUILDING MATERIALS)

Operating a slag pumice unit with a stationary tank at the Chelyabinsk Metallurgical Plant. M. K. Zil'ber and others. Stroi. mat. 7 no. 4 10-12 Ap '61.

CHELYABINSK—CLERKS (RETAIL TRADE)

When the heart glows. E. Kanovskii, A. Pereslavtsev. Sov. torg. 33 no. 4:23-25 Ap '60.

CHELYABINSK—MANUAL TRAINING

Inculcating in students good technical work habits in school workshops S. E. Matushkin Uch. zap Chel. gos. ped. inst. 5 no 1 51-66 '59

CHELYABINSK—MEDICAL COLLEGES

Work of a medical institute in introducing scientific advances into practice P. M. Tarasov, I. IA. Ehert Zdrav. Ros. Feder 5 no. 5, 11-16 My '61.

CHELYABINSK—METALWORKERS—ACCIDENTS

Analysis of causes of industrial accidents at the Chelyabinsk Metallurgical Factory. E. IA. Il'g Zdrav Ros Feder 5 no 5, 22-24 My '61

CHELYABINSK—MINE EXAMINATION

Determining the volume by weight of coal in the Chelyabinsk Basin. N. N. Kuvaev. [Trudy] VNIMI no. 33 191-195 '58.

CHELYABINSK—TESTING LABORATORIES

Research work at the laboratory of the Chelyabinsk Tractor Plant. A. N. Lenkova Zav. lab. 27 no 5, 622-623 '61.

CHELYABINSK BASIN—MINE TIMBERING

Perfecting the existing methods of timbering cutter-loader worked longwalls in the Chelyabinsk Basin. G. P. Moltesov. Izv. vys. ucheb. zav.; gor. zhur., no. 11: 3-13 '59.

CHELYABINSK PROVINCE—AGRICULTURAL MACHINERY—MAINTENANCE AND REPAIR

Accounting for capital and routine repairs. M. F. Salata. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 6:20 Je '61.

CHELYABINSK PROVINCE—CAMPS

Health camp built by students. N. Lavlinskii, A. Arapina. Sred. spets. obr. 8 no. 5 50-51 My '61

CHELYABINSK PROVINCE—EVENING AND CONTINUATION SCHOOLS

Night schools in our province. A. Vorob'ev. Nar. obr. no. 5 66-68 My '61.

CHELYABINSK PROVINCE—GEOLOGY

Connection between lower Mesozoic formations on the eastern slopes of the Urals and deep fractures in the Chelyabinsk Depression. V. I. Nozali. Trudy Gor.-geol. inst. UFAN SSSR no. 32:107-119 '59.

CHELYABINSK PROVINCE—IRON ORES

Techenskoye iron ore deposit in the Central Urals. V. A. Dunaev. Trudy Gor.-geol. inst. UFAN SSSR no 32:171-188 '59

CHELYABINSK PROVINCE—VOCATIONAL EDUCATION

Status and some problems of technical education in urban schools of Chelyabinsk Province. N. I. Altapov Uch. zap. Chel. ges. ped. inst 6 no 1 10-33 '59.

CHEMICAL BONDS

Comments on the book by W. Hückel. S. S. Batsanov. Zhur. fiz. khim. 34 no. 4 937-938 Ap '60.

Determining the energies of bonds with oxide catalysts by the kinetic method for the purpose of developing a theory of catalyst selection A. A. Tolstopiatova, A. A. Balandin Probl. kin. i kat. 10, 351-355 '60

Energies of the bonds between nickel, iron, platinum, and palladium catalysts and the atoms of elements in organic compounds. S. L. Kiperman, A. A. Balandin. Probl. kin. i kat. 10; 344-350 '60

Kinetic determination of the energy of the bond between H, D, C, O and N, and zinc oxide [with summary in English]. A. A. Balandin, I. D. Rozhdestvenskaia. Zhur. fiz. khim. 34 no. 4 872-879 Ap '60.

CHEMICAL ELEMENTS

(see also subdivision under Transbaikalia)

"History of the discovery of chemical elements" by G. G. Diogenov. Reviewed by IU. Khodakov, L. L. Potkov. Khim. v shkole 16 no. 3:90-92 My-Je '61.

Logarythmically normal distribution of element concentrations in igneous rocks [with summary in English]. D. A. Rodionov. Geokhimiia no. 4 324-327 '61.

Rudenko, E. I., and P. R. Taube. [One hundred and one...] Sto odin... Astrakhan', Izd-vo gazety "Volga," 1958. 272 p.

CHEMICAL ENGINEERING

(see also subdivision under United States)

Dolezalik, Vitezslav. [Similitude and modeling in chemical engineering. Translated from the Czech] Podobie i modelirovanie v khimicheskoi tekhnologii. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 95 p. (Metody i protsessy khimicheskoi tekhnologii)

CHEMICAL ENGINEERING—EQUIPMENT AND SUPPLIES

(see also subdivision under Sverdlovsk)

Design of thin-walled cylindrical units resistant to axial compression and bending. B. M. Gusev. Khim. mash. no. 3 21-23 My-Je '61

Investigation of certain materials for rotary compressor and vacuum pump blades. IU. V. Peshti, V. A. Rumiantsev. Khim. mash. no. 3 28-29 My-Je '61.

Machines and units for shaping goods made of glass reinforced plastics by the spraying method P. L. Kol'man-Ivanov, S. A. Kedet. Khim. mash no 3: 39-43 My-Je '60

Manufacturing parts of the "flanged ring" type of sheet steel I. M. Bobosolovskii, P. N. Shuvaev. Khim. mash. no 3 33-34 My-Je '60

Modernized fettling of charging hole lids in the chemical equipment. N. M. Stepanov-Grebennikov. Khim. mash. no. 3 40-41 My-Je '61.

New machinery, units, and instruments. Khim. mash. no. 3:43-46 My-Je '60.

New machines, apparatus, and instruments. Khim. mash, no. 3 46-47 My-Je '61.

New scientific research work of the Moscow Institute of Chemical Machinery. D. T. Kokorev. Khim. mash. no. 3 1-2 My-Je '61

New standards in chemical, petroleum, and food machinery construction. V. A. Tatarenko. Khim. mash. no. 3, 39-40 My-Je '61.

CHEMICAL ENGINEERING—EQUIPMENT AND SUPPLIES—BIBLIOGRAPHY see Bibliography—Chemical engineering—Equipment and supplies

CHEMICAL EQUILIBRIUM

Calculating the equilibrium constant for the synthesis of ethyl alcohol. D. S. Tskitis, A. I. Kulikova. Zhur. fiz. khim. 35 no. 4:954-955 Ap '61.

CHEMICAL INDUSTRIES

(see also subdivision under Ukraine, Western)

Application of mathematics in planning M. Fedorovich. Vop. ekon no 5 155-156 My '61

Bobrovskii, P. A. [Growing importance of chemistry in the national economy of the U. S. S. R.] Khimizatsiia narodnogo khoziaistva SSSR. Moskva, Izd-vo "Znanie," Vses. ob-va po raspr. polit. i nauchn. znanii, 1961. 38 p. (Narodnyi universitet kul'tury, no. 3)

"Chemical industry of the U. S. S. R.," Nauka i zhizn' 27 no. 4:75 Ap '60.

Economic problems of the comprehensive use of chemistry in the national economy ("Economics of the chemical industry" by N. N. Nekrasov Reviewed by N. Fedorenko, E. Shchukin) Vop. ekon no 5 103-108 My '61

Golovanov, N. G. [Solid fuel as a chemical raw material] Tverdoe toplivo kak khimicheskoe syr'e. Kiev, 1961. 41 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Ukrainskoi SSR. Ser. 6, no. 2)

In the Pavilion of the Chemical Industry at the Exhibition of Achievements of the National Economy of the U. S. S. R. M. K. Nadtochieeva. Mekh. i avtom. proizv. 15 no. 5:52-57 My '61

Plan of basic measures for 1961 issued by the Central Committee of the Trade Union of Workers of the Petroleum and Chemical Industries. A. Bahatan. Neftianik 6 no. 5:27 My '61

CHEMICAL INDUSTRIES—ACCOUNTING

Introduce electronic calculating machines in the chemical industry. M. Neimer. Nar. khoz. Kazakh. 19 no. 5, 84-85 My '61.

CHEMICAL INDUSTRIES—HYGIENIC ASPECTS

Data on the hygienic assessment of the production of synthetic fatty acids [with summary in English]. A. A. Kasparov, IU. L. Egorov. Gig. i san. 25 no. 7:36-42 Jl '60.

CHEMICAL KINETICS see Chemical reaction, Rate of

CHEMICAL PLANTS

Efficient designs of shops of chemical plants. V. I. Zhidkov. Prom. stroi. 38 no. 5:14-18 '60.

CHEMICAL REACTION, HEAT OF

Equation for the interaction of moving media in technological apparatus taking into consideration the influence of the thermal effect of the chemical reaction. B. N. Deviatov, F. IA. Gimel'shein. Izv. Sib. otd. AN SSSR no. 3:12-20 '61.

CHEMICAL REACTION, RATE OF

Compensation effect in activation processes from the standpoint of statistical kinetics. Report No. 1 Calculation of the pre-exponential factor in the formula for the rate of the process. S. Z. Roginskii, IU. I. Khait. Izv. AN SSSR. Otd. khim. nauk no. 5, 771-780 My '61.

New variant of a kinetic method of analysis. K. B. IAtsimirskii. Izv. vys. uchebn. zav., khim. i khim. tekh. 4 no. 2, 315-317 '61.

Probability of the self-inhibition of complex chain reactions. L. T. Denisov. Izv. AN SSSR. Otd. khim. nauk no. 5, 796-803 My '61.

Rate of divinyl conversion on a n-butylene dehydrogenation catalyst [with summary in English]. V. A. Kolobikhin, I. IA. Tiurlaev, Zhur. fiz. khim. 35 no. 4, 776-781 Ap '61.

Reaction associated with the dissolution of U_3O_8 in sulfuric acid. Part 1. Kinetics of certain reactions with powders. V. M. Solntsev, IU. M. Tolmachev. Radiokhimiia 3 no. 2, 187-194 '61.

Relationships between the rate constants and equilibrium constants of the reactions taking place in solutions under pressure. B. S. Eliianov, M. G. Gonikberg. Izv. AN SSSR. Otd. khim. nauk no. 5, 934-935 My '61.

CHEMICAL REDUCTION see Reduction, Chemical

CHEMICALS—PHYSIOLOGICAL EFFECT

Resistance of ionic and atomic muscle fibers to the action of a series of chemical agents. V. B. Ushakov. Dokl. AN SSSR. 136 no. 2, 485-487 My '61.

CHEMICALS—SAFETY MEASURES

Appliances for repumping corrosive liquids. P. Evgen'ev. Okhr. truda i sots. strakh. 4 no. 5, 47-48 My '61.

CHEMISORPTION

Charging of the semiconductor surface during adsorption. F. F. Vol'kenshtein. Probl. kin. i kat. 10, 50-51 '60.

Isotherms and heats of adsorption in the electronic theory of chemisorption. Sh. M. Kogan, B. V. Sandomirskii. Probl. kin. i kat. 10, 58 '60.

Relationship between catalysis, chemisorption, and the electronic state of a metal surface. IA. B. Gorokhovatskii. Probl. kin. i kat. 10, 169-171 '60.

Statistics of adsorbed particles in the electronic theory of chemisorption. Sh. M. Kogan. Probl. kin. i kat. 10, 59 '60.

Theory of chemisorption and surface states. IA. Koutetskii. Probl. kin. i kat. 10, 34-36 '60.

CHEMISTRY

Annual General Meeting of the Division of Chemical Sciences of the Academy of Sciences of the U. S. S. R. held on January 31, 1961. Izv. AN SSSR. Otd. khim. nauk no. 5, 936-940 My '61.

"New chemistry" [translated from the English] by B. M. Berkenheim. Khim. v shkole 15 no. 2, 90-91 Mr-Ap '60.

CHEMISTRY—ABSTRACTS

[Chemistry.] Ref. zhur.: Khim. no. 11 Je '61.

CHEMISTRY—AUDIO-VISUAL AIDS

Constructing visual aids at a chemical club. V. P. Svatikov. Khim. v shkole 15 no. 3, 84-86 My-Je '61.

Determination of the pedagogical effectiveness of visual aids in chemistry. K. IA. Parmenov. Khim. v shkole 16 no. 3, 33-40 My-Je '61.

CHEMISTRY—BIBLIOGRAPHY see Bibliography—Chemistry

CHEMISTRY—GRAPHIC METHODS

Practical use of graphs of functions in seventh-grade chemistry lectures. A. M. Koldashev. Khim. v shkole 15 no. 2, 36-39 Mr-Ap '60.

CHEMISTRY—JUVENILE LITERATURE

"Stories about elements" by I. Neelaev. Reviewed by Levina. Znan. sila 36 no. 5, 42 My '61.

Use of popular scientific literature on chemistry. A. N. Alekseev. Khim. v shkole 15 no. 2, 64-67 Mr-Ap '60.

CHEMISTRY—MANIPULATION

Acquiring practical experience in the construction of instruments in a chemistry club. A. D. Chendrov, T. A. Chereshneva. Khim. v shkole 15 no. 2, 28-35 Mr-Ap '60.

CHEMISTRY—PROBLEMS, EXERCISES, ETC.

Chemistry question cards drawn at the examination for the proficiency certificate. Khim. v shkole 15 no. 2, 88 Mr-Ap '60.

Problems involving calculations of chemical formulae of substances and reaction equations included in the course of chemistry. V. I. Levashov. Khim. v shkole 16 no. 3, 28-33 My-Je '61.

CHEMISTRY—STUDY AND TEACHING
(see also subdivision under White Russia)

Acquiring practical experience in the construction of instruments in a chemistry club. A. D. Chendrov, T. A. Chereshneva. Khim. v shkole 15 no. 2, 28-35 Mr-Ap '60.

Advanced training of chemistry teachers. L. I. Mul'tseva. Khim. v shkole 16 no. 3, 91-93 My-Je '61.

Athletic education through 8th-grade chemistry lessons. A. S. Vialitsyn. Khim. v shkole 15 no. 4, 22-28 My-Je '61.

Books for teachers prepared by the Chemistry Methods Laboratory of the Educational Methods Institute, Academy of Pedagogical Sciences (R. S. F. S. R.). Khim. v shkole 15 no. 2, 89-90 Mr-Ap '60.

Conduct of a lesson and ways for increasing its effectiveness. V. F. Ogorilin. Khim. v shkole 16 no. 3, 11-21 My-Je '61.

Developing the independent work of students in chemistry classes. N. Kurusenka. Nar. obr. no. 4, 80-83 Ap '61.

Dissertations on methods of chemistry teaching. S. D. Reskov. Khim. v shkole 15 no. 2, 92-94 Mr-Ap '60.

Explanatory note to the course of chemistry given at the secondary general educational labor polytechnical school offering industrial training. Khim. v shkole 15 no. 3, 11-54 My-Je '61.

Familiarizing tenth-grade students with some aspects of the application of chemistry to agriculture. L. A. Korobeinikova. Khim. v shkole 15 no. 2, 58-64 Mr-Ap '60.

Letters to the editor. Khim. v shkole 16 no. 3, 87-89 My-Je '61.

Nation-wide effort required. Khim. v shkole 16 no. 3, 3-7 My-Je '61.

New and the old in the planned program. I. P. Antikin. Khim. v shkole 15 no. 2, 41-42 Mr-Ap '60.

Organization and execution of a chemistry quiz. G. A. Zdanchuk. Khim. v shkole 15 no. 2, 50-52 Mr-Ap '60.

Preparation to the 12th republic-wide "Pedagogical Lectures" for 1961. Khim. v shkole 15 no. 2, 95-96 Mr-Ap '60.

Program is close to life and practice. O. S. Kotliareva. Khim. v shkole 15 no. 2, 40-41 Mr-Ap '60.

R. S. F. S. R. "Pedagogical readings" of 1961. A. A. Sergeenkov. Khim. v shkole 16 no. 3, 93-94 My-Je '61.

Relation between the teaching of chemistry and local enterprises processing agricultural products. S. A. Poplavskii. Khim. v shkole 15 no. 2, 53-58 Mr-Ap '60.

School club at the Pedagogical Institute. D. P. Biugin. Khim. v shkole 16 no. 1, 66-73 My-Je '61.

Study of basic chemical laws and valence. F. G. Fel'dman. Khim. v shkole 15 no. 2, 21-28 Mr-Ap '60.

Study of phenol formaldehyde plastics in the chemistry course of the secondary school. G. P. Zamulin. Khim. v shkole 16 no. 3, 56-65 My-Je '61.

Training of chemical laboratory assistants in industrial laboratories. T. G. Miasoedova. Shkola i proizv. 5 no. 5, 32-35 My '61.

Training of young pioneers by a chemistry teacher. M. V. Fedlakin. Khim. v shkole 16 no. 3, 80-82 My-Je '61.

Under the banner of Lenin. Khim. v shkole 15 no. 2, 3-6 Mr-Ap '60.

Use of popular scientific literature on chemistry. A. N. Alekseev. Khim. v shkole 15 no. 2, 64-67 Mr-Ap '60.

CHEMISTRY—TEXTBOOKS

There should be no place in a textbook for such mistakes ("Chemistry" by V. F. Bolko, I. K. Tsitovich. Reviewed by I. N. Tiutkalo). Sred. spets. obr. 6 no. 5, 58-60 My '61.

CHEMISTRY, ANALYTICAL

Conference on the control methods in the organic chemical industry. A. A. Cherkasskii. Zav. lab. 27 no. 5, 629 '61.

Exchange of experience. Zav. lab. 27 no. 5, 551-552 '61.

Ion-exchange separation of groups of elements. Part 3: Elements of the copper group. B. K. Preobrazhenskii, IU. P. Saikov. Radiokhimiia 2 no. 1, 68-72 '60.

Ion-exchange separation of groups of elements. Part 4: Elements of analytical group III. B. K. Preobrazhenskii, V. P. TSvelikhovskii, V. N. Mal'nikov. Radiokhimiia 2 no. 1, 73-77 '60.

New variant of a kinetic method of analysis. K. B. IAtsimirskii. Izv. vys. uchebn. zav., khim. i khim. tekh. 4 no. 2, 315-317 '61.

CHEMISTRY, ANALYTICAL—CONGRESSES

Fourth All-Union Conference of Physicochemical Analysis. Stek. i ker. 18 no. 3, 46-47 Mr '61.

CHEMISTRY, ANALYTICAL—QUALITATIVE

Ionites in microchemical analysis. N. G. Polianskii. Priroda 50 no. 6, 102 Je '61.

CHEMISTRY, METALLURGIC

Chemical aspects of the solid solutions in metal alloys. N. V. Grum-Grzhimailo. Trudy Inst. met. no. 4, 175-188 '60.

CHEMISTRY, ORGANIC

Some problems in organic catalysis. L. A. Nikolaev. Probl. kin. i kat. 10, 240-246 '60.

CHEMISTRY, ORGANIC—CONGRESSES

Conference on the control methods in the organic chemical industry. A. A. Cherkasskii. Zav. lab. 27 no. 5, 629 '61.

CHEMOTHERAPY

Further considerations on principal problems in chemotherapy. M. I. Stabro, A. K. Takhi. Antibiotiki 6 no. 1, 81-87 Ja '61.

Further considerations on the theory of chemotherapy. I. A. Kassirskii, G. I. Vaigberg. Antibiotiki 6 no. 1, 90-92 Ja '61.

Side effects of chemicals used in clinical practice and problems of effective therapy. A. F. Bilibin. Vest. AMN SSSR 16 no. 4, 48-57 '60.

Some questions of theory in the discussion on the article "Further considerations on principal problems in chemotherapy." Kh. Kh. Planel'es. Antibiotiki 6 no. 1, 88-90 Ja '61.

CHENOPODIUM

Variability of Bac. mesentericus under the influence of phytoncides of Chenopodium botrys L. [with summary in English]. B. D. Stanchev. Mikrobiologiia 30 no. 1, 56-59 Ja-F '61.

CHEREMISS PROVERBS see Proverbs, Cheremiss

CHERENKOV RADIATION

Cherenkov radiation by a particle possessing charge and its own magnetic moment. Li Mei-Kha [Li Méng-ho]. Vest. Mosk. un-ta Ser. 3 Fiz., astron. 15 no. 6, 78-80 N-D '60.

CHEREPOVETS—OLD-AGE HOMES

Scum. L. Godin. Sots. obesp. 22 no. 5, 35-39 My '61.

CHEREPOVETS—SHIPS—MAINTENANCE AND REPAIR

Industrial management without divisional shops. N. I. Ershov. Rech. tran. p. 19 no. 9, 44-45 S '60.

CHERKASSKOYE (LUGANSK PROVINCE)—COAL MINES AND MINING

Experience in preventing accidents at the Cherkasskaya-Severnaya Mine No. 2. V. D. Grigor'ev. Bezop. truda v prom. 4 no. 5, 23-24 My '60.

CHERKASSY—SUGAR INDUSTRY—EQUIPMENT AND SUPPLIES

Assembly line for boxes. IA. O. Kravets. Sakh. prom. 31 no. 5, 25-27 My '60.

CHERKASSY DISTRICT—CORN (MAIZE)

They became friends with corn! V. M. IAremenko, V. M. Velychko. Mekh. sil'. hosp. 12 no. 6, 4 Je '61.

CHERKASSY PROVINCE—BOOKSELLERS AND BOOKSELLING

The first people's. A. Buryl'. Sov. knizh. torg. 13 no. 4, 23 Ap '61.

CHERKASSY PROVINCE—DEFENSE (CRIMINAL PROCEDURE)

We should improve the work of attorneys at law. I. Pustovoitov. Rad. pravo no. 2, 122-123 Mr-Ap '60.

CHERKASSY PROVINCE—LABOR COURTS

The work of fellow workers' courts. A. Makarov. Rad. pravo no. 2, 95-97 Mr-Ap '60.

CHERNIGOV—PIANO MAKERS

With trademark "Ukraine." Sh. Vladro. Nauka i zhyttia 11 no. 4, 25-27 Ap '61.

CHERNIGOV—SEWAGE—PURIFICATION

Secondary treatment of sewage containing oil in a buffer pond at the Chernigov Oil Refinery. N. I. Alekseeva. Gig. i san. 25 no. 3, 90-93 Mr '60.

CHERNOGORA RANGE—FIELD MICE

Burrowing activity of the lesser water vole [Arvicola terrestris scherman Shaw] in subalpine meadows of the Carpathians [with summary in English]. K. A. Tatarinov. Zool. zhur. 40 no. 5, 786-788 '61.

CHERNOVTSY—CHORAL SOCIETIES

Keys to human hearts. Ivan Kuten'. Sots. kul't. 14 no. 5, 23 My '61.

CHERNOVTSY PROVINCE see Bukovina

CHERNOZEM SOILS

Ash cycle and changes in the physicochemical properties of leached Chernozems under conifer and hardwood forests. I. M. Rozanova. Trudy Lab. lesoved. 15, 5-60 '60.

Change in the physical properties of common Chernozem under the influence of forest vegetation. P. E. Solov'ev. Nauch. dokl. vys. shkoly; biol. nauki no. 2, 232-237 '61.

Effect of conifer and hardwood species on physical properties and water balance of leached Chernozems. S. V. Zonn, E. A. Kuz'mina. Trudy Lab. lesoved. 1, 145-201 '60.

Effect of different crops on quantitative changes in the organic matter of ordinary Chernozems [with summary in English]. S. G. Konurov. Pochvovedenie no. 5, 69-76 My '61.

CHERNOZEM SOILS (Continued)

How forest plantations of different composition affect microbiological processes in leached Chernozems E. V. Runov, I. E. Mishustina. Trudy Lab. lesoved. 1:86-126 '60.

How the composition of forest vegetation affects the intensiveness of carbonic acid formation and its distribution in the soil air of leached Chernozems. V. N. Mina. Trudy Lab. lesoved. 1:127-144 '60.

Intensity of nitrification processes in Chernozem soils depending on the degree of compactness [with summary in English]. A. I. Shevliagin. Pochvovedenie no. 6:96-103 My '61.

Transformation processes of the organic matter of conifer and hardwood species and their effect on the composition of humus in leached Chernozems. S. V. Zonn, D. F. Sokolov. Trudy Lab. lesoved. 1:61-85 '60.

CHERNYSHEVSKII, NIKOLAI GAVRILOVICH, 1828-1889

Aesthetic apologia of reality. P. Mezentsev. Uch. zap. Kish. un. 37:3-30 '59.

The aspect of the beautiful in Chernyshevskii's aesthetics. P. A. Mezentsev. Uch. zap. Kish. un. 36:30-55 '59.

A Marxist-Leninist interpretation of the revolutionary and democratic ideas of Chernyshevskii and Shevchenko. IE.S. Shabliovs'kyi. Ukr. ist. zhur. 5 no. 3:39-48 My-Je '61.

New books on N. G. Chernyshevskii. E. L. Rudnitskaia, A. F. Smirnov. Ist. SSSR. 5 no. 2:180-183 Mr-Ap '61.

CHERNYYE GORY—GEOLOGY, STRUCTURAL

Tectonics of the Chernyye Gory monocline in the belt of Maikop sediments. S. S. Imenberg, M. N. Smirnova. Trudy GNI no. 21:111-119 '59.

CHERNYYE GORY—PALEOGEOGRAPHY

Some aspects of the paleogeography of the Maikop series in the Chernyye Gory. M. N. Smirnov. Trudy GNI no. 21:3-16 '59.

CHERRY

Effect of light conditions on the formation of the photosynthetizing apparatus in year-old sweet-cherry seedlings. N. S. Sudnik. Fiziol. rast. 7 no. 2:214-216 '60.

Speeding up the fruiting of sweet cherry seedings. O. IA. Berendfi. Visnyk sil'hosp. nauky. 1 no. 4:54-57 Ap '61.

CHERT see subdivision under Kyshtym region

CHERVEN' DISTRICT—EDUCATION

The dissemination of educational experience. B. Reut. Nar. asv. no. 2:35-38 F '61.

CHESS

Chess. A. Igilitskii, E. Umnov. IUn. tekh. 5 no. 5:77-79 My '61.

Chess. Znan. sila 36 no. 5:47 My '61.

Congratulations on your victory, Mikhail Botvinnik! Safo Flor. Ogonek 39 no. 21:26-27 My '61.

Il'ich at the chess table. IU. Lazariev. Ukraina no. 8:32 Ap '60.

Il'ich's favorite game. I. Linder. Nauka i zhizn' 27 no. 4:47-52 Ap '60.

The question is again: "Tal' or Botvinnik?" Znan. sila 36 no. 2:47-48 F '61.

Reflections after the match. V. Smyslov. Sov. profsoiuzy 17 no. 11:44-45 Je '61.

CHESS—END GAMES

Chess. I. Birbrager. Uzbekistan 19 no. 1:28 Ja '60.

Chess. Uzbekistan 18 no. 11:28 N '59.

Fantastic chess. A. Khavin. Znan. ta pratsia no. 5:30 My '61.

CHESS—STATISTICS

Using an aggregate index in chess statistics. IA. V. Sokolov. Nauch. zap. Len. fin.-ekon. inst. no. 19:259-264 '59.

CHESS—TOURNAMENTS

(see also subdivision under Ukraine)

Contest of chess amateurs. Znan. ta pratsia no. 2:32 F '61.

Duel between M. Tal' and M. Botvinnik. A. Khavin. Znan. ta pratsia no. 3:32 Mr '61.

CHESS PROBLEMS

Chess. I. Birbrager. Uzbekistan 19 no. 4:28 Ap '60.

Contest for the cup of "Sotsialistychna kul'tura." Sots. kul't. 14 no. 5:47 My '61.

CHEST—ABSCESS

Treatment of intrathoracic abscesses in tuberculous spondylitis. G. M. Kriuchkov. Probl. tub. 38 no. 4:103-104 '60.

CHEST—BLOOD SUPPLY

Mondor's disease. P. K. Stoianov. Khirurgiia 37 no. 5:122-123 My '61.

Two observations on Mondor's disease. V. A. Uzlov. Khirurgiia 37 no. 5:123-124 My '61.

CHEST—SURGERY

Some problems of pulmonary insufficiency in thoracic surgery. M. Kh. Dzhanbaev. Khirurgiia 37 no. 5:50-53 My '61.

CHEST—WOUNDS AND INJURIES

Case of rupture of the aortic arch in closed trauma of the thorax. G. L. Farber. Khirurgiia 37 no. 5:116 My '61.

CHEVKINITE see subdivision under Baikal Lake region

CHICAGO—CRIME AND CRIMINALS

Policemen and thieves. M. Bulaev. Sots. zakon. 37 no. 4:92 Ap '60.

CHICKWEED

Chloro-IPC as an effective means of controlling the weed Stellaria media. IU. V. Rakitin, T. M. Gelden. Fiziol. rast. 7 no. 2:232-234 '60.

CHILD STUDY

(see also subdivision under Ukraine)

Akademiia pedagogicheskikh nauk RSFSR, Moscow. Institut psikhologii. [Psychological study of children in a boarding school] Psikhologicheskoe izuchenie detei v shkole-internate. Pod red. L. I. Bozhovich. Moskva, 1960. 205 p.

Articles on educational and child psychology in "Studies" of pedagogical institutes. I. S. Akimanskaia. Vop. psikhol. 6 no. 3:170-176 My-Je '60.

Man cannot be duplicated. V. Sukhomlinskii. Nar. obr. no. 5:71-76 My '61.

CHILDBIRTH

Pathogenesis of postnatal psychoses. L. V. Finkel'shtein. Ped., akush. i gin. 22 no. 4:52-53 '60.

CHILDREN—CARE AND HYGIENE

(see also subdivision under Azerbaijan; Ukraine)

"Care for the sick child" by B. G. Ioffe. Reviewed by S. L. Polchanova. Med. sestra 20 no. 3:53-54 Mr '61.

Child health protection and health education. F. I. Zhorovskaia. Sov. zdrav. 20 no. 5:41-44 '61.

Child hygiene in Russia before Peter the Great. N. A. Bogolavlenskii. Sov. zdrav. 20 no. 2:73-77 '61.

Hygienic principles of a permissible degree of hardness of shoes for preschool children [with summary in English]. V. V. Litvinenkova. Gig. i san. 25 no. 3:10-14 Mr '60.

Seminar for physicians from organizations concerned *with medical care for adolescents*. T. Z. *Usuf-Zade*. Zdrav. Belor. 6 no. 4:76 Ap '60.

CHILDREN—DISEASES

"Fundamentals of the diagnosis and treatment of some children's diseases." Reviewed by I. N. Usov. Zdrav. Belor. 6 no. 4:74 Ap '60.

"History of the disease of a child" by S. I. Ignatov. Reviewed by P. Katunin. Zdrav. Turk. 6 no. 2:42-44 Mr-Ap '61.

CHILDREN—DISEASES—BIBLIOGRAPHY see Bibliography—Children—Diseases

CHILDREN—EMPLOYMENT

(see also subdivision under Lyakhovichi District; Tashkent)

Golovanova, E. A., and A. F. Troshin. [Labor rights of minors in the U. S. S. R.] Trudovye prava podrostkov v SSSR. Moskva, Gos. izd-vo furid. lit-ry, 1960. 77 p.

CHILDREN—GROWTH see subdivision under Orel

CHILDREN—LANGUAGE

Characteristics of the language of preschool children and the ways for its development. E. Sukhenko. Doshk. vykh. 22 no. 5:24-27 My '61.

Development of generalization and abstraction in the process of mastering the concepts of "subject" and "predicate" [with summary in English]. T. V. Fomicheva. Vop. psikhol. 6 no. 3:69-78 My-Je '60.

Development of speech comprehension in children in the second year of life [with summary in English]. G. M. Liamina. Vop. psikhol. 6 no. 3:108-121 My-Je '60.

Influence of the external environment on the development of speech in children. M. V. Andreeva, N. I. Gordienko. Med. sestra 20 no. 3:40-41 Mr '61.

Use of pictures for developing speech comprehension in children at the end of the first and during the second year of life [with summary in English]. M. K. Mallitskaia. Vop. psikhol. 6 no. 3:122-126 My-Je '60.

CHILDREN—MANAGEMENT

(see also subdivision under Ukraine)

How I raised my son. V. A. Bogusiavskaia. Doshk. vosp. 34 no. 5:63-67 My '61.

How we develop in students a sense of responsibility for their school studies. M. Pimenova. Nar. asv. no. 1:28-30 Ja '61.

Inculcating work habits in older kindergarten children. E. Pishchal'nikova. Nar. asv. no. 3:32-36 Mr '61.

N. K. Krupskaia on training in work habits. S. Turchenko. Nar. asv. no. 2:8-13 F '61.

An ordinary woman. K. Papkovskii. Nar. asv. no. 3:20-24 Mr '61.

Some methodological materials on the psychoprophylaxis of neuroses in children. Report no. 1. S. G. Gindberg. Vop. psikh. i nevr. no. 5:261-269 '60.

Teaching good manners to students from the first to the fourth grades. IA. Parkhomskaia. Nar. asv. no. 1:24-27 Ja '61.

CHILDREN—MANAGEMENT—STUDY AND TEACHING

Parents should know the principles and methods of teaching. N. Krasnova. Nar. asv. no. 4:13-16 Ap '61.

CHILDREN—SURGERY see subdivision under Leningrad

CHILDREN AND TELEVISION see Television and children

CHILDREN AS ARTISTS

(see also subdivision under Italy)

Boys and girls dream. A. Zhukova. Ogonek 39 no. 22:8-9 My '61.

CHILDREN AS MUSICIANS see subdivision under Rostov-on-Don

CHILDREN'S ACCIDENTS

Treatment of minor injuries in children. L. I. Gol'dzand. Med. sestra 20 no. 3:42-43 Mr '61.

CHILDREN'S CLOTHING see subdivision under Novosibirsk

CHILDREN'S ENCYCLOPEDIAS AND DICTIONARIES

About the "Literature and art" volume of the Children's Encyclopedia. B. Lvov, N. Leonidov. Nar. obr. no. 5:115-116 My '61.

CHILDREN'S LIBRARIES see Libraries, Children's

CHILDREN'S LITERATURE

(see also subdivision under Japan; Ukraine)

Books to read in summer. S. P. Burmistrova. Nach. shkola 29 no. 5:62-65 My '61.

Extracurricular reading and its supervision. M. Baryshenka. Nar. asv. no. 3:25-31 Mr '61.

N. K. Krupskaia on children's reading and its supervision. N. N. Zhitomirova. Sov. pedag. 25 no. 4:67-72 Ap '61.

Problems of physics in artistic and scientific popular literature for children. V. P. Orlov. Fiz. v shkole 20 no. 2:99-104 Mr-Ap '60.

CHILDREN'S LITERATURE—BIBLIOGRAPHY see Bibliography—Children's literature

CHILDREN'S LITERATURE—HISTORY AND CRITICISM

Alekseeva, O. B., and others. [Children's literature; a manual for normal schools] Detskaia literatura; posobie dlia pedagogicheskikh uchilishch. Izd. 2. Moskva, Gos. uchebno-pedagog. izd-vo, 1959. 352 p. (NNC)

CHILDREN'S MUSEUMS

(see also subdivision under Pukhovichi District)

Expedition of students and creation of a museum. G. N. Matiushin. Prep. ist. v shkole 16 no. 3:74-77 My-Je '61.

CHILDREN'S PLAYS

(see also subdivision under Moscow)

Our experience in the artistic training of children. V. N. Kushkan. Dat. dom 16 no. 4:40-54 '60.

CHILDREN'S POETRY

What does poetry teach children? V. Leibson. Nar. obr. no. 5:113-116 My '61.

CHILE—PEASANTRY

Orlando Millas on the struggle of the Chilean peasant. Nov. vrem. 19 no. 22:20-21 My '61.

CHILOPODA

Relation between the structure of the cuticle in chilopods and the conditions governing their existence [with summary in English]. L. M. Semenova. Zool. zhur. 40 no. 5:656-663 '61.

CHIMKENT—INSULATION (HEAT)—TECHNOLOGICAL INNOVATIONS

Increase the technological level of heat insulation work. M. Abramovich. Nar. khoz. Kazakh. 19 no. 5:40-50 My '61.

CHINA—BOTANY

Botany serves the building of socialism in the Chinese People's Republic. M. V. Kul'tunaev. Biul. Glav. bot. sada no. 38:104-109 '60.

CHINA—CALLISTHENICS

Industrial callisthenics in the Chinese People's Republic. Li Tsu-lin, A. V. Zinkovskii. Teor. i prak. fiz. kul't. 24 no. 5:363-366 '61.

CHINA—CEMENT INDUSTRIES

Cement production in the Chinese People's Republic. IA. M. Syrkin. Nauch. soob. NIITSementa no. 7:35-37 '60.

CHINA—COMMUNIST PARTY

The 40th anniversary of the Communist Party of China. L. Deliusin, G. Sukharchuk. Part. zhizn' no 12:56-63 Je '61.

They confidently march toward socialism. V. Antonov. Komm. Vooruzh. Sil 1 no. 12,76-79 Je '61.

CHINA—CRIMINAL JUSTICE, ADMINISTRATION OF

How the law of the Chinese People's Republic "combines punishment with generosity" V. Chugunov Sots zakon. 37 no. 4-54-56 Ap '60

CHINA—DESCRIPTION AND TRAVEL

Through the Great Chinese Plain. E. Murzaev. Nov. vrem. 19 no. 25 26-27 Je '61.

CHINA—ECONOMIC CONDITIONS

The 40th anniversary of the Communist Party of China. L. Deliusin, G. Sukharchuk. Part. zhizn' no. 12 56-63 Je '61.

They confidently march toward socialism. V. Antonov. Komm. Vooruzh. Sil 1 no. 12'76-79 Je '61.

CHINA—EDUCATION

Preparations for school reform in China. V. Klepikov. Nar. obr. no. 5 99-102 My '61.

CHINA—FOREIGN RELATIONS—MONGOLIA

Eternal friendship between the Mongolian and the Chinese peoples. D. Sharav. Sovr. Mong. no. 6:17-19 N-D '58.

CHINA—FRUIT TREES

Vegetative propagation of fruit crops in China. A. P. Dragavtsev. Priroda 50 no. 6 103-105 Je '61.

CHINA—GEOLOGY, ECONOMIC

Delegation of the Soviet trade unions in the Chinese People's Republic. P. I. Shelakhin, K. A. Nebiev. Razved. i okh nedr 27 no. 4 53-55 Ap '61.

CHINA—GEOLOGY, STRUCTURAL

Li Ssŭ-Kuang, and others. [Vertical and other rotary structures and the relationship between tectonic systems. Translated from the Chinese] Vikhrevye i drugie struktury vrashchenila i problemy sochetaniia tekhtonicheskikh sistem. Pod red. V. N. Pavlinova. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1960. 118 p.

Studying the geomorphology and recent tectonics of China N. I. Nikolaev Trudy MGRI 38 18-28 '60

CHINA—HUMUS

Nature of soil humus in tropics and humid subtropics [with summary in English]. Niu Tszi-vien' (Niu Chi-wên). Pochvovedenie no. 5 34-42 My '61.

CHINA—INLAND WATER TRANSPORTATION

Effectiveness of the unification of water transportation systems in the Chinese People's Republic Ch'u Yen-ch'ing. Rech transp 19 no. 2;50-52 F '60

CHINA—KINDERGARTENS

In kindergartens of the Chinese People's Republic. Doshk. vosp. 34 no. 5:98-100 My '61.

CHINA—MEDICINE

"Chinese national medicine" by F. I. Ibragimov, V. S. Ibragimova. Reviewed by B. D. Petrov Med. zhur Uzb no. 3 79-81 Mr '61

Chinese science yesterday and today. Regis Bergeron V zashch. mira no 5-50-57 My '61.

CHINA—METALLURGICAL PLANTS

Large metallurgical center in the Chinese People's Republic. A. M. Shokin. Metallurg 6 no. 3:38 Mr '61.

38

t uprising of 1130-1135 in
i] Krest'ianskoe vosstanie v
ei v 1130-1135 gg.
t-ry 1961. 148 p.

CHINA—SEASHORE BIOLOGY

On the shores of the China seas. O. B. Mokievskii. Priroda 50 no. 6:93-97 Je '61.

CHINA—SEISMIC PROSPECTING

Using seismic methods in petroleum prospecting in China I. I. Gurvich. Trudy MGRI 38 146-154 '60

CHINA—TEA

Catechins and flavanoids in some tea varieties of the Chinese People's Republic [with summary in English] K. M. Dzhemukhadze, M. N. Nestiuk, L. F. Mileshko Biokhimiia 25 no. 2 349-354 Mr-Ap '60.

CHINA—ULTRASONICS

Advances in ultrasonics in the Chinese People's Republic. I. G. Mikhailov. Akust. zhur. 6 no. 1 139-141 '60.

CHINA—WATER, UNDERGROUND

Role of hydrogeology in the development of the national economy of the Chinese People's Republic P. P. Klimentov Trudy MGRI 38 114-120 '60

CHINA—WELDING—COLD WEATHER CONDITIONS

Data on welding at low temperatures. Li Fon-shan, Chu Chzhin-fa. Avtom. svar. 14 no. 5:20-23 My '61.

CHINESE CHESS

Chinese chess. I. Shafran, S. Snitkovskii. IUn. tekh. 5 no. 2;74-78 F '61.

CHINESE LANGUAGE—STUDY AND TEACHING see subdivision under Uzbekistan

CHIRCHIK—CALLISTHENICS

In workshops and at the stadium. A. Nikolaev. Uzbekiston 18 no. 11'22 N '59.

CHIRCHIK—COMMUNITY CENTERS

Palace of chemists. Uzbekiston 19 no 2;22b F '60

CHIRCHIK—FERTILIZER INDUSTRY

Let's show persistent concern for the enterprises of the chemical industry. S. Akhmedov Part. zhizn' no. 13' 51-55 Jl '61

CHIRCHIK—SPORTS

In workshops and at the stadium. A. Nikolaev. Uzbekiston 18 no. 11'22 N '59.

CHIRCHIK—STONE AGE

Stone hammer with a handle hole from Nizhniy Komsomol'sk in Tashkent Province. G. V. Parfenov Izv. AN Uz. SSR no. 6'111-112 '56

CHIRONOMIDAE see subdivision under Kuybyshev Reservoir

CHISTIAKOV, VLADLEN PAVLOVICH, 1929-

Songs of the heart. D. Slaventantor Neva no 4 207-212 '61

CHITA—ORPHANS AND ORPHANAGES

Patrons, friends, and relatives. A. Chigintseva. Det. dom 16 no. 4'40-47 '60.

CHITA PROVINCE—ARTHRITIS, RHEUMATOID

Some materials on the characteristics of biogeochemical provinces marked by the occurrence of the Urov disease. V. G. Khobot'ov. Trudy Biogeokhim. lab. no. 11;168-177 '60.

CHITA PROVINCE—GEOGRAPHY—STUDY AND TEACHING

Using materials obtained during student summer excursions in teaching geography. P. I. Zaikov. Geog. v shkole 24 no. 3:51-54 My-Je '61.

CHITA PROVINCE—INSURANCE, SOCIAL

How to improve the exchange of experience? E. Stoliarova. Sots. obesp. 22 no 5:22 My '61

CHITA PROVINCE—SCHOOL EXCURSIONS

Using materials obtained during student summer ex- ions in teaching geography. P. I. Zaikov. Geog. ole 24 no. 3:51-54 My-Je '61.

OVINCE—STOCK AND STOCKBREEDING

ns of Transbaikalia. N. Svetlova. Komsom. no. 17:18-20 S '60.

/ see Orenburg

/ PROVINCE see Orenburg Province

/SKIY DISTRICT—AGRICULTURE—ACCOUNT-

e accurate accounting for corn sowing. F. I. ov. Uchet i fin. v kolkhoz. i sovkhoz. 18 no 5' My '61.

/SKIY DISTRICT—CORN (MAIZE)

e accurate accounting for corn sowing. F. I. ov. Uchet i fin. v kolkhoz. i sovkhoz. 18 no 5: My '61.

CHLORAL

Effect of the relative exclusion of the central nervous system by chloral hydrate on the healing of wounds in rabbits G. Mamedzade. Dokl. AN Azerb. SSR 17 no. 3:247-248 '61.

Formation of spinal cord dominants during changes in the functional state of the nervous centers due to the action of narcotic substances [with summary in English]. S. A. Skuratova. Biul. eksp. biol. i med 49 no. 3.12-17 Mr '60.

Synthesis of mixed ether-esters of 2, 2, 2-trichlor-1, 1-ethanediol. S. Mamedov, F. Gadzhizade Dokl. AN Azerb SSR 17 no 3'203-206 '61

CHLORIDES

Chloride content of the blood of Rhesus monkeys under the influence of radiations. L. I. Polikarpova, A. IA. Shulatikova Med. rad. 6 no 3;79-80 '61.

Study of the stability of penicillin in solutions of ephedrine hydrochloride. I. R. M. Piniazhko. Farmatsev. zhur. 15 no. 1'34-36 '60.

CHLORINE

Dynamics of chlorine and magnesium in the electrolysis of fused chlorides E. A. Ukshe, G. V. Pollakova, G. A. Medvetskaia Zhur. prikl. khim 33 no 10;2278-2284 O '60

CHLORINE—ANALYSIS

Determination of chlorine and bromine in liquid organic compounds by the Schöniger-Bennewitz micromethod [with summary in English]. I. A. Favorskaia, V. I. Lukina. Vest. LGU 16 no 10,148-151 '61

New method of determining chlorine in poly (vinyl chloride) and other chlorine-containing polymers. N. IA. Parlashkevich and others. Plast. massy no. 6:55-56 '61.

CHLORINE OXIDE

Pilot plant for the production of chlorine dioxide. I. I. Bloshtein and others. Bum. prom. 36 no. 4;6-10 Ap '61.

CHLOROFORM

Mechanism of the first step in the thermal decomposition of chloromethanes. Part 2 Decomposition of chloroform [with summary in English]. A. E. Shilov, R. D. Sabirova. Zhur. fiz. khim. 34 no 4 860-865 Ap '60.

Polarographic determination of chloroform and methylene chloride present simultaneously in hydrochloric acid M. I. Levinskii, M. M. Filimonova, Zh. D. Gudzenko Zav. lab 27 no. 5,540-543 '61

CHLOROFORM—TOXICOLOGY

Comparative study of a continuous and intermittent actions of volatile nonelectrolyte poisons, on the problem of norms for harmful substances in the air in an industrial environment [with summary in English] N. A. Tolokontsev. Gig. san. 25 no. 3:29-35 Mr '60.

CHLOROMETHYLATION

Chloromethylation of benzene derivatives and xylenes (m and p) by paraform and hydrogen chloride in the presence of stannic chloride. A. A. Vansheidt, E. P. Mel'nikova, IU. A. Tallier Zhur. prikl. khim 34 no 3 705-707 Mr '61

CHLOROMYCETIN

Dynamics of Vi-, O and H-agglutination in patients with typhoid fever treated with antibiotics [with summary in English] A. IA. Urkov. Antibiotiki 6 no 4'334-336 Ap '61.

Effect of antibiotic therapy on the clinical course and immunological reactivity of the organism of patients with typhoid and paratyphoid fevers [with summary in English]. M. M. Koden and others Antibiotiki 6 no. 1'50-54 Je '61.

Effect of levomycetin on the carbohydrate metabolism in endotoxin poisoning [with summary in English] V. A. Liashenko. Antibiotiki 6 no. 2'135-138 F '61

Effect of the functional state of the nervous system on the therapeutic effect of synthomycin on dysentery in mice [with summary in English] S. D. Voropaeva, M. A. Frolova Pat. fiziol. i eksp. terap 4 no 2 44-47 Mr-Ap '60.

Mechanism of action of levomycetin (chloramphenicol). Part 5. Effect of levomycetin on the pyruvate requirements of resting cells of coli bacillus under fixed conditions [with summary in English]. A. I. Korotiaev. Mikrobiologiia 30 no. 1'47-53 Ja-F '61.

Problem of the therapeutic effect of mycerin and levomycetin in experimental leptospirosis [with summary in English]. E. M. TSvetkova. Antibiotiki 6 no. 3,231-233 Mr '61

Side effects of synthomycin in the treatment of typhoid fever. A. S. Bogdanova. Lech. infekts. bol'. no. 3 156-165 '57.

Treatment of typhus fever with antibiotics and hormone preparations. Report No. 4: Treatment with levomycetin. E. A. Gal'perin, A. V. Eremenko. Lech. infekts. bol'. no. 4;126-143 '60.

Use of a combination of levomycetin and bacteriophage in dysenteral infection in children [with summary in English]. O. I. Shevlakova, R. Z. Sherman, S. D. Tatarinova. Antibiotiki 6 no. 3;241-243 Mr '61.

CHLOROPHAEITE see subdivision under Donets Basin

CHLOROPHYLL

Comparing the photosensitizing activity of chlorophylls a and b in solution I G Savkina, V B Evstigneev Dokl AN SSSR 138 no 4,958-961 Je '61

Effect of carotene on photochemical properties of chlorophyll [with summary in English] A. A. Krasnovskii, N. N Drozdova, E V. Pakshina Biokhimiia 25 no 2 288-295 Mr-Ap '60.

Effect of trace elements on the amount and acid resistance of chlorophyll in plants [in Azerbaijani with summary in Russian] I M Buniatov Uch. zap. AGU Biol ser no 3 23-27 '60

Fluorescent microscopic investigation of chlorophyll in the leaves of Campanula persicifolia L. during varying injurious actions G S Kiknadze TSitologiia 2 no 2 144-152 Mr-Ap '60

Fractionation of different pigment forms in the homogenates of etiolated and illuminated leaves. A A Krasnovskii, M. I Bystrova, A D Sorokina. Dokl AN SSSR 136 no. 5 1227-1230 F '61.

Immediate precursor of chlorophyll [with summary in English]. O. H. Sud'ina. Ukr. bot zhur 18 no 2 17-26 '61

Photochemical exchange of hydrogen atoms of chlorophyll in photosynthesis [with summary in English]. V. M. Kutiurin. Fiziol. rast. 7 no. 2:133-140 '60.

Photoelectric sensitivity of crystalline chlorophyll and pigments of green leaves E K Putselko, A. N. Terenin Dokl. AN SSSR 136 no. 5:1223-1226 F '61

Study of protochlorophyllide accumulation and transformation in green plants by radiochromatography with a carrier [with summary in English]. A. A. Shlyk, V. L. Kalar, G. M. Podchufarova. Biokhimiia 26 no. 2:259-265 Mr-Ap '61.

CHLOROPRENE

Chemistry of organic oxides. Part 19 Reaction of chloroprene α-oxide with ammonia and amines G. A. Balaev, V M Al'bitskaia, A A. Petrov Zhur ob khim. 31 no 5 1521-1528 My '61

Polymerization of chloroprene by organometallic compounds [with summary in English]. B. L Erussalimskii, A. V. Merkur'eva, N P Baikova. Vysokom. soed. 3 no. 5,798 My '61.

CHLOROTHIAZIDE

Clinical use of the diuretics chlorothiazide and hypothiazide. V. I. Masliuk, I. V. Khanmamedova Terap.arkh. 33 no. 4.80-86 '61.

CHLORPROMAZINE

Effect of analgetic and neuroplegic substances on the coronary chemoreflex [with summary in English]. I. N. Pidevich. Biul. eksp. biol. i med. 51 no. 1.55-59 Ja '61.

Features of the reaction of the animal to shock-producing stimulations during the administration of aminazine [with summary in English]. O. P. Khrabrova. Biul. eksp. biol. i med. 51 no. 2:23-27 F '61.

Physiological properties of the adrenergic substrate of the reticular formation of the brain stem. L P Anokhina-Itskova. Fiziol zhur. 47 no. 2:154-159 F '61.

Significance of aminazine in epilepsy [with summary in English] T. A. Nevzorova. Zhur. nevr i psikh 60 no. 11:1506-1509 '60.

Some data on the action of aminazine in obstetrical and gynecological practice. A. G. Logunova, V. S. Mykhailove'kyi. Ped., akush. i gin. 22 no. 4:54-57 '60.

Use of a hibernation mixture (oxcodol-aminazine) as the principal anesthetic. V. V. Zemliannikov. Trudy 1-go MMI 3:136-142 '57.

CHLORTETRACYCLINE

Influence of some organic acids on the biosynthesis of chlortetracycline. I. P. Baranova. Nauch dokl. vys. shkoly; biol. nauki no. 2:202-205 '61.

CHOCOLATE

Comparative testing of methods of preparing chocolate and cocoa powder. T. P. Ermakova. Trudy VKNII no.14:3-19 '58.

CHOKR REGION—GEOLOGY, STRATIGRAPHIC

Leptochlorite horizon in middle Jurassic deposits of central Daghestan. G N. Brovkov, T. A. Moskalenko. Dokl. AN SSSR 136 no. 1:163-166 Ja '61.

CHOLANTHRENE

Changes in the morphology of explants of connective tissue in rats under the influence of methylcholanthrene and extract of human lung tumor [with summary in English] M. T. Mogilin, IA. V. Dobrynin. Biul. eksp. biol. i med. 49 no. 2:95-98 F '60.

Tumors induced in Lagurus lagurus Pall. by methylcholanthrene. A transplantable strain of sarcoma in Lagurus, N. I. Bolonina. Biul. eksp. biol. i med. 49 no. 2:99-101 F '60.

CHOLESTEROL

Effect of castration on blood cholesterol in experimental (nutritional) atherosclerosis of the aorta [with summary in English]. S. Kh. Sidorovich, I. N. Zarudina. Pat. fiziol. i eksp. terap. 4 no. 4:81-87 Jl-Ag '60.

Effect of glutathione, vitamins B-12 and B-1, and rutin on the level of cholesterol in the brain, liver and blood in alimentary hypercholesteremia [with summary in English] T M. Lobova Biul. eksp. biol i med. 51 no 2: 46-48 F '61.

Effect of vitamin B_{12} on the amount of cholesterol, phospholipids, and prothrombin in the blood serum and on blood coagulation in patients with atherosclerosis. L. N. Ignatova. Klin med. 39 no 5:49-52 My '61.

CHOLESTEROL METABOLISM

Involution of experimental cholesterol atherosclerosis in dogs [with summary in English]. A. N. Fedoseev. Biul. eksp. biol. i med. 50 no. 10 58-61 O '60

CHOLINE

Characteristics of the vasodilative action of acetylcholine on the peripheral vessels and arterio-venous anastomoses in the ear of white mice [with summary in English]. I. D. Gebevanishvili, T. V. Begiashvili. Pat. fiziol i eksp. terap 4 no 4.21-26 Jl-Ag '60.

Effect of hydrogen peroxide formed during enzymatic reactions on the process of synthesis of acetylcholine A A Miul'berg Fiziol zhur 47 no 5-643-649 My '61.

Effect of the vagus nerve and acetylcholine on the rest potential of the heart Khuan Sin-ia [Huang Hsing-ya]. Fiziol. zhur 47 no. 3:341-346 Mr '61

Mechanism of chemoreception. Report No. 1: Correlation between the concentration of acetylcholine and the reflexogenicity of cholinoceptors [with summary in English]. N. I. Plekhanov. Biul. eksp. biol. i med. 50 no. 7: 17-20 Jl '60.

Mode of action of acetylcholine on the pulmonary blood circulation [with summary in English]. A. I. Khomazuk, A. A. Molbenko. Biul. eksp. biol. i med. 51 no. 2 3-9 F '61.

CHOLINESTERASE

Differentiation of various effects induced by anticholinesterase substances [with summary in English]. P. E. Diablova. Biul. eksp. biol. i med. 51 no. 2:69-72 F '61.

Distribution of cholinesterases in the brain of rhesus monkeys [with summary in English]. A. A. Pokrovskii, L. G. Ponomareva. Biokhimiia 26 no. 2:276-280 Mr-Ap '61.

Rate of transition from pessimal contraction to optimal. N M. Shamarina. Fiziol zhur 47 no. 2:258-265 F '61.

Relationship between vitamin B_1 metabolism and cholinesterase activity in dysentery in children. V. P. Zhigalov. Pediatriia no. 5:58-61 '61.

CHOPIN, FRYDERYK FRANCISZEK, 1810-1849

Immortal art; on the 150th anniversary of Frederic Chopin. I. Martynov. Sov. voin 41 no. 4:23 F '60.

CHORAL SOCIETIES see subdivision under Chernovtsy; Leningrad; Moscow; White Russia

CHORAL SOCIETIES—BIBLIOGRAPHY see Bibliography—Choral societies

CHORAL SOCIETIES, ESTONIAN see subdivision under Moscow

CHORNY, KUZ'MA, pseud.

Luferau, M. P. [The prose of Kuz'ma Chorny] Proza Kuz'my Chornaha. Minsk, Vyd-va AN BSSR, 1961. 157 p.

CHRISTENING see Baptism

CHRISTIAN ART AND SYMBOLISM

That which is ours! I. Beloken'. Moskva 5 no. 4:187-190 '61.

CHRISTIAN UNION

Comment on the recent article "Hindrances to the Unification of Christians" Archimandrite Petr (L'Huillier). Zhur. Mosk Patr. no. 4 47-50 Ap '61.

CHROMATOGRAPHIC ANALYSIS

Chromatographic column for the operation at high temperatures [with summary in English]. V. T. Avgul' and others. Zhur. fiz. khim. 35 no. 4:946-947 Ap '61.

Chromatographic methods and apparatus for analyzing complex mixtures of gases and volatile substances. N. M Turkel'taub, A. A. Zhukhovitskii. Trudy VNIGNI no. 10:257-265 '58.

Chromatographic separation of small amounts of gasoline-ligroine fractions into paraffin-naphthene and aromatic portions. N. E. Podkletnov. Izv. Sib. otd. AN SSSR no. 3: 106-109 '61.

Chromatography of proteins on a calcium phosphate gel [with summary in English]. E. S. Zueva, L. S. Markosian, N. I. Proskuriakov. Biokhimiia 26 no. 2: 209-211 Mr-Ap '61.

Control device for column chromatography [with summary in English]. T. I. Tikhonenko, M. G. Kupisov, I. I. Nikol'skaia. Biokhimiia 25 no. 2:376-379 Mr-Ap '60.

Experiments in chromatography. A. S. Kliuchevich. Khim. v shkole 16 no. 3:83-84 My-Je '61.

Study of protochlorophyllide accumulation and transformation in green plants by radiochromatography with a carrier [with summary in English]. A. A. Shlyk, V. L. Kalar, G. M. Podchufarova. Biokhimiia 26 no. 2:259-265 Mr-Ap '61.

Use of the chromatographic analysis of gases in the study of furnace systems. A. K. Vnukov, B. P. Dzedzik Elek. sta. 32 no. 5:12-15 My '61

Using thin-layer chromatography for the separation of steroid compounds. A. A. Akhrem, A. I. Kuznetsova Dokl. AN SSSR 138 no. 3 591-594 My '61.

CHROMIUM

Studying diffusion porosity occurring in distilling-off chromium from single crystals of the Ei437B alloy. V. L. Kalikhman, IA. S. Umanskii, N. V. Chirikov. Fiz. met i metalloved 11 no 2:314-316 F '61

CHROMIUM—ANALYSIS

Complexometry of trivalent chromium Report No 1 N. N. Pavlov, A. R. Kuznetsov, G. A. Arbuzov. Izv. vys. ucheb. zav., tekh. leg. prom no. 1 54-59 '60.

Separate determination of manganese, chromium, and iron in the air by polarography. M. S. Rykhovskaia, I. A. Orlova. Zav. lab. 27 no. 5:540-542 '61.

CHROMIUM CARBIDE—THERMAL PROPERTIES

Free energy of formation of certain carbides of vanadium and chromium. V. I. Alekseev, L. A. Shvartsman. Fiz. met. i metalloved 11 no 4.545-550 Ap '61.

CHROMIUM COMPOUNDS

Modification of polyamide with chromium compounds Report No 1 N. N. Pavlov, G. A. Arbuzov. Izv. vys. ucheb. zav., tekh. leg. prom. no. 1 24-29 '60

CHROMIUM-MOLYBDENUM ALLOYS

Diffusion and the electric transfer of chromium in molybdenum D. F. Kalinovich, I I Kovenskii, M D. Smolin. Fiz. met i metalloved. 11 no 2:307-309 F '61

CHROMIUM-MOLYBDENUM STEEL—METALLOGRAPHY

Interaction between molybdenum and chromium in nickel-saturated alpha hard solutions. B. M. Vasiutinskii, V. S. Kogan. Fiz. met. i metalloved. 9 no. 4:564-568 Ap '60.

CHROMIUM-MOLYBDENUM STEEL—WELDING

Effect of conditions of automatic welding and the type of edge preparation on the formation of hot cracks in thick chromium-molybdenum-vanadium steel. IU. I. Shkatov. Svarka 2:139-155 '59.

Effect of subjecting it to long intervals of high temperatures on the brittleness of welded chromium-molybdenum-vanadium steel. L. G. Molchanova, M. Z. Pogorel'skaia, IU. I. Chkatov. Svarka 2 119-128 '59.

CHROMIUM-NICKEL ALLOYS see Nickel-chromium alloys

CHROMIUM-NICKEL-TITANIUM ALLOYS see Nickel-chromium-titanium alloys

CHROMIUM OXIDE

Phase composition and texture of alumina-chromium oxide catalysts prepared by coprecipitation A M. Rubinshtein, A I Klinchko-Gurvich, V. M. Akimov Izv. AN SSSR Otd. khim. nauk no. 5.780-788 My '61

CHROMIUM PLATING

Mass production of chromium plated parts. N. M. Antonov, I. S. Voronitzyn. Vest. mash. 41 no. 5:10-14 My '61.

Self-regulating tetrachromate electrolyte. A. N. Synoev, N. T. Drobantseva. Zhur prikl. khim. 33 no. 10: 2201-2207 O '60.

CHROMIUM PLATING—TESTING

Investigating wear processes in chromium plated parts of airplane engines. D. S. Plishko. Izv. vys. ucheb. zav.; av tekh. 3 no. 2:157-167 '60.

CHROMIUM SILICIDE

Physicochemical properties of the alloys of the system $CrSi_2$ - $MoSi_2$. V. S. Alekseshin, V. S. Mikheev. Zhur. prikl. khim. 33 no. 10:2216-2222 O '60

CHROMIUM-SILICON ALLOYS

Making chromium-silicon by a single stage method from chromium ore and quartzite. Stal' 21 no. 6:575 Je '61.

Use of silicon-chromium in open-hearth smelting of steel. M. I. Kolosov and others. Stal' 20 no. 7:607-608 Jl '60.

CHROMIUM STEEL

Properties of heat-exchanger tubes made of Kh8 steel [with summary in English]. V. G. D'iakov. Stal' 21 no. 6:538-540 Je '61.

CHROMIUM-TITANIUM ALLOYS see Titanium-chromium alloys

CHROMIUM-VANADIUM ALLOYS see Vanadium-chromium alloys

CHROMOSOMES

Controllable variation of the physiological activity in particular sections of giant chromosomes in the salivary glands of Drosophila as a result of the action of versene. N. B. Khristoliubova. Dokl. AN SSSR 136 no. 3:681-682 My '61.

CHROMOSOMES (Continued)

Count of cells with anaphasic bridges and acentric phragments as a basis for biological estimation of radiation dose in mammals. I M Shapiro, I B Smirnova Dokl AN SSSR 138 no. 4 945-947 Je '61

Cytochemistry of nucleoli and residual chromosomes G P. Georgiev TSitologiia 2 no 2 186-191 Mr-Ap '60

Functions of the telomeric part of chromosomes in embryonic mitoses A A. Prokof'eva-Bel'govskaia. Dokl AN SSSR 138 no 3,686-691 My '61

CHRONAXIA

Functional chronaxiametry of the muscles and the vasculocutaneous reflexes in various brain diseases. IA. IA. Gordon, T. V. Trapeznikova. Med. zhur. Uzb. no. 11. 46-48 N '60.

CHRONOLOGY

Kamentseva, E.I. [Russian chronology; a reference manual] Russkaia khronologiia, spravochnoe posobie. Otvetstvennyi red. A. A. Zimin. Moskva, Mosk. gos. istoriko-arkhivnyi in-t, 1960. 83 p.

CHRONOMETER—TESTING

Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 246-56 for checking standard chronometers] Instruktsiia 246-56 po poverke obrazttsovykh khronometrov. Izd. ofitsial'noe. Moskva, 1957. 36 p.

CHUBAR', VLAS IAKOVLEVICH, 1891-1939

Outstanding leader of the Communist Party and the Soviet state, on the 70th anniversary of V. IA. Chubar's birth. IE. P Shatalina, A D IAroshenko. Ukr. ist. zhur 5 no 3;144-145 My-Je '61.

CHUCKS

Chuck for boring annular grooves. S. K. Maiboroda. Mashinostroitel' no. 5:17 My '60.

CHUKCHI RANGE REGION—GOLD ORES

Gold deposits in the northwestern Verkhoyansk-Chukchi folded area [with summary in English]. I. IA. Nekrasov, I. S. Rozhkov, A. I. Borodlanskii. Geol. i geofiz. no. 4:64-73 '61.

CHURCH AND STATE

To the editor of "Zhurnal Moskovskoi Patriarkhii" Zhur Mosk Patr. no. 5:10 My '61.

CHURCH DECORATION AND ORNAMENT

"Prophecies of the Hellenic wise men" and their portrayal in Russian painting of the 16th and 17th century N A Kazakova Trudy ODRL 17 358-368 '61

CHURCH LANDS see subdivision under Novgorod; Russia, Northern

CHURCH SLAVIC LANGUAGE—GRAMMAR

Gorshkova, O. V., and T. A. Khmelevskaia. [Collection of exercises in Old Church Slavic] Sbornik uprazhnenii po starosloviankomu iazyku. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 170 p.

CHUSOVAYA RIVER—NAVIGATION

Organization of transportation on the Chusovaya River. V. Golovko. Rech. transp. 19 no 3-37-39 Mr '60

CHUSOVOY—METALLURGICAL PLANTS

Introduce all that is useful and progressive. IA. L. Granovskii. Metallurg 6 no. 5:36-37 My '61.

TURE

loves a good master] Zemlia
i-vo M-va sel'.
hanila.

CHUVASHIA—PUBLIC HEALTH

Public health in Soviet Chuvashia during the past 10 years. G A Alekseev Sov zdrav 20 no 1 55-60 '61

CHYMOTRYPSIN

Effect of desoxyribonucleic acid on the radiosensitivity of α-chymotrypsin in an artificial desoxyribonucleic acid - α-chymotrypsin complex [with summary in English] T. IU Ugarova, P. L. Tseitlin. Biul. eksp. biol i med. 50 no. 7 55-58 Jl '60

CIMMERIAN BOSPORUS (KINGDOM)—INSCRIPTIONS

Restoration of the inscription IAK, 3 (1902), p 50, no. 16. A I Dovatur Vest drev ist no 1 114-120 '61

CINEMATOGRAPHY see Motion-picture photography

CINNAMATE

Method for the selective staining of acid (sulfated) mucopolysaccharides by basic cinnamate [with summary in English]. M. G. Shubich. Biul. eksp. biol i med. 51 no. 2 116-120 F '61.

CIRCUITS, BRIDGE see Bridge circuits

CIRCULAR SAWS

New developments in the field of circular saws. IU. I. IUr'ev, G. M. Gernet. Der. prom. 10 no. 5:14-15 My '61.

CIRCULATORY SYSTEM see Cardiovascular system

CIRCUMSTANTIAL EVIDENCE see Evidence, Circumstantial

CISSE, EMILE

Africa, your fate is being resolved. . . ("Assiatou in September" [in French] by Emile Cisse. Reviewed by A. Gerasikina). Inostr. lit. no. 5:258-259 My '61.

CITIES AND TOWNS

(see also subdivision under Japan)

An English edition of the book on the cities of ancient Russia ("The towns of ancient Russia" by M Tikhomirov. Reviewed by I P Kryp'iakevych) Ukr. ist. zhur. 5 no 3;126-127 My-Je '61.

CITRATES

Monocitrate complexes of rare-earth elements. D I. Riabchikov, L. K. Korchemnaia. Dokl. AN SSSR 138 no. 2: 397-398 My '61.

CITRIC ACID

Harmful microorganisms encountered in the process of production of citric acid from molasses. R. IA. Kärkliņš, B. IA. Kesteris. Trudy VKNII no 14:151-155 '59

Production of citric acid from molasses by means of Aspergillus niger molds. G. I. Zhuravskii. Trudy VKNII no. 14 97-110 '59.

CITRUS FRUITS

New development in citrus fruit breeding. F. M. Zorin. Priroda 50 no. 5:43-49 My '61.

CITY PLANNING

(see also subdivision under Kiev; Moscow; Moscow region, Novo-Titarovskaya, Prudki; Stalino; Yel'nya District)

Architects' valuable initiative. Sel'. stroi. 15 no. 2:31 F '61.

Planning a new type of state farm village D Zhmudskii Zhil stroi no. 4 10-11 Ap '61

Special features of planning rural district centers IU. Okol'nichnikov Arkhit. SSSR no. 4 36-37 '61.

CIVIL ENGINEERING

Enterprise and organizational participation in the construction of urban engineering structures and systems. Biul stroi tekh 18 no 5-33 My '61

CIVIL LAW

Civil law problems in V. I. Lenin's works. S. Vil'nianskyi Rad. pravo no. 2 29-34 Mr-Ap '60

Moscow. Vsesoiuznyi iuridicheskii zaochnyi institut. [Collected texts and forms of civil law documents; materials for the students of the All-Union Correspondence Institute of Legal Studies] Sbornik tekstov i form grazhdansko-pravovykh dokumentov; uchebnyi material dlia studentov VIUZI. Sost. V. A. Riasentsev. Moskva, 1959. 243 p.

Proposed "Basic Principles of Civil Law." I. Dreisier. Rad. pravo no. 3:73-78 My-Je '61.

IVIL PROCEDURE

Civil lawsuits of collective farms. P. Fedorov. Sots. zakon. 38 no. 6:42-46 Je '61.

Examination of disputes over the right of ownership not exceeding 100 rubles. I. Karnaukhov. Rad. pravo no. 3:97-99 My-Je '01.

From your letters. Sov. iust. no. 11:31 Je '61.

Judicial practice in cases concerning civil law labor conflicts. G. Dobrovol'skii. Sots. zakon. 38 no. 6:47-52 Je '61.

Proposed "Basic Principles of the Civil Procedure of the U. S. S. R. and the Union Republics." IA. Shtutin, A. Pashuk, A. Fainshtein. Rad. pravo no. 3:65-73 My-Je '61.

Proposed "Basic Principles of the Civil Procedure of the U.S.S.R. and the Union Republics." Sots. zakon. 38 no. 6 53-54 Je '61

CLASS STRUGGLE

V. I. Lenin on the class struggle during the transition period from capitalism to socialism [with summary in English] I IA Trifonov Vest LGU 16 no. 8:5-16 '61

CLASSICAL PHILOLOGY—BIBLIOGRAPHY see Bibliography—Classical philology

CLASSIFICATION—BOOKS

Don't remove belles letters from literary criticism R. Shteinpress. Bibliotekar' no. 5:47 My '61

CLASSIFICATION—BOOKS—GEOGRAPHY

Bring together all the literature on area studies T. Dantina Bibliotekar' no 5:45-46 My '61.

CLAY

(see also subdivision under Kanev region; Kudinovo region, Moscow Province, Makhachkala region, Penza region; Ukraine, Western)

Conference on the problems of creep and long-term strength of clayey soils. IA I Kogan, V. A Ioselevich. Osn., fund i mekh grun 3 no. 2 27-29 '61.

Direct current processing of clays. N. I. Titkov, A. S. Korzhuev. Trudy Inst. geol. i razrab. gor. iskop. 2:5-9 '60.

Effect of naturally calcined clay on the frost and atmospheric resistance of portland cement M. I. Miakinchenko, I S Kantsepol'skii Izv. AN Uz. SSR no 12 77-83 '56

Effect of naturally calcined clay on the sulfate resistance of portland cement containing little aluminate. M. I. Miakinchenko, I S. Kantsepol'skii. Izv. AN Uz. SSR no. 10 57-63 '56.

Efflorescence of clays. A. S. Korzhuev and others. Trudy Inst. geol. i razrab. gor. iskop. 2:45-64 '60.

Fractionation of clayey materials in a water centrifuge. N. S. Belostotskaia, T. Kh. Fedorova. Stek. i ker. 18 no. 5 25-27 My '61

Geochemistry of hafnium zirconium, and some other hydrolyzate elements in clays [with summary in English]. A. B. Ronov, E. E. Vainshtein, A. M. Tuzova. Geokhimiia no. 4:306-315 '61.

New mineral formations in clays resulting from the action of direct current. N. I. Titkov and others. Trudy Inst. geol. i razrab. gor. iskop. 2:9-44 '60.

Relation between the chemical composition of underground waters and interstitial waters in clayey "water-resistant" rocks. N P Zatenatskaia. Dokl AN SSSR 138 no. 4:924-927 Je '61

Structural change in a colloidal capillary porous substance (clay) in drying [with summary in English]. M. S. Bolopol'skii. Inzh.-fiz. zhur. 4 no. 4:49-54 Ap '61.

CLAY INDUSTRIES

Extraction of clay with scrapers. IU. Bernikovskii. Sel' stroi 15 no. 3,13 Mr '61

CLEANING AND DYEING INDUSTRY—EQUIPMENT AND SUPPLIES

Using 100 grams instead of 500. M. Barlasov. Mest. prom. i khud. promys. 2 no. 5:14-15 My '61.

CLEANING COMPOUNDS

New washing compounds. D. Brozovskii. Sov. potreb. koop 5 no. 5:55-57 My '61.

"Synthetic fat substitutes, surface active agents, and cleaning compounds" by P. V. Naumenko. Reviewed by M. P. Bespiatov, V. V. Bukharin, A. I. Kudriashov. Masl.-zhir. prom. 27 no. 5:46-47 My '61.

CLEMATIS

Cultivation of Clematis Jackmani. M. I. Orlov. Biul. Glav. bot. sada no. 38:33-37 '60.

CLERC, LOUIS PHILIPPE, 1875-1959

Louis Philippe Clerc. Zhur. nauch. i prikl fot i kin. 5 no. 2 160 Mr-Ap '60

CLERKS (RETAIL TRADE)

(see also subdivision under Chelyabinsk)

Girl members of the Communist Youth League. A. Muratov. Sov. torg. 33 no. 4:44-45 Ap '60.

This worries me (to be continued). E. Kulomzina. Sov. potreb. koop. 4 no. 4:34-37 Ap '60.

CLIMATOLOGY

(see also subdivision 'Climate' under Antarctic regions; Bunger Hills, Antarctica; Kamchatka)

Studying the relation of summer temperature cycle with main circulation forms. IU. V. Spiridonova. Izv. AN SSSR. Ser. geog. no. 3:14-16 My-Je '61.

CLIMATOLOGY—CONGRESSES

Third session of the Commission for Climatology of the World Meteorological Organization. M I. Budyko. Meteor. i gidrol. no. 6:62-63 Je '61.

CLOCKMAKING AND WATCHMAKING
(see also subdivision under Moscow)

Automation and mechanization of production processes in the watch and clock industry. Priborostroenie no. 5 1-2 My '61.

"Design and assembly technology of mechanical clocks and watches" by S. M. Tagirov. Reviewed by A. S. Borisov. Priborostroenie no. 5 3 of cover My '61.

From the history of the development of the watch and clock industry. S. V. Tarasov. Priborostroenie no. 5 3-5 My '61.

Machining watch parts with diamond tools. G. A. Kruglov, I. K. Tarasevich. Priborostroenie no. 5.19-21 My '61.

New conveyer for assembling watches. IA. G. Grinshtein, V. S. Davidovich, A. M. Shirman. Priborostroenie no. 5. 17-19 My '61.

Physiological evaluation of two methods of assembling wrist watches on a pulsating conveyer. Z. M. Zolina. Priborostroenie no. 5 30-32 My '61.

Present state of clockmaking and watchmaking in capitalist countries. L. N. Lepe. Priborostroenie no. 5 32-3 of cover My '61.

CLOCKMAKING AND WATCHMAKING—BIBLIOGRAPHY
see Bibliography—Clockmaking and watchmaking

CLOCKMAKING AND WATCHMAKING—TECHNOLOGICAL INNOVATIONS

Modern technological processes in watchmaking and clockmaking. S. V. Tarasov. Priborostroenie no. 5 14-17 My '61.

CLOCKS, ELECTRIC

Electric clock with a ball pendulum. A. Abramov. Iun. tekh. 5 no. 1 76 Ja '61

CLOCKS AND WATCHES

Current state of the theory and methods of the design of watch and clock mechanisms. A. M. Kuritskii, B. M. Cherniagin, V. A. Shpolianskii. Priborostroenie no. 5: 5-8 My '61.

Improving and enlarging the nomenclature of clocks and watches for home and personal use. S. V. Tarasov, B. M. Cherniagin. Priborostroenie no. 5 8-11 My '61.

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 247-54 for checking stopwatches] Instruktsiia 247-54 po poverke sekundomerov. Izd. ofitsial'noe. Moskva, 1958. 16 p.

Table clock with power supply from a light source. B. L. Eliseev, E. I. Uvarov. Priborostroenie no. 5:13-14 My '61.

CLOCKS AND WATCHES—ESCAPEMENTS

The AM-1 device for checking the amplitude of balance wheel oscillations in wrist watches. D. I. Roitenburg, N. M. Smirnov. Priborostroenie no. 5.22-23 My '61.

CLOCKS AND WATCHES—LUBRICATION

Synthetic watch-lubricating oils. G. I. Fuks. Priborostroenie no. 5:24-26 My '61.

CLOCKS AND WATCHES—REPAIRING AND ADJUSTING

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 97-58 for checking projectors for watch parts] Instruktsiia 97-58 po poverke chasovykh proektorov. Izd. ofitsial'noe. Moskva, 1958. 31 p.

CLOSTRIDIUM

Studies on the preventive and therapeutic activity of certain antibiotics on Bac. perfringens, V. septique and Bac. oedematiens [with summary in English]. IU. B. Safarov. Antibiotiki 6 no. 1:55-58 Ja '61.

CLOSTRIDIUM BOTULINUM

Detection of Cl. botulinum with the aid of luminescent antibodies. Report No. 1. Production of specific luminescence in Cl. botulinum during their processing with luminescent immune serum [with summary in English]. T. A. Kalitina. Biul. eksp. biol. i med. 49 no. 3:81-84 Mr '60.

CLOSTRIDIUM NOVYI

Change in electrophoretic properties of Cl. oedematiens toxin under the influence of formalin [with summary in English]. M. V. Ispolatovskaia, E. V. Vlasova. Biul. eksp. biol. i med. 51 no. 3:67-71 Mr '61.

CLOSTRIDIUM PERFRINGENS

Possibility of reproducing the phenomenon of paradoxical sensitivity with reference to the toxins of staphylococci and Bac. perfringens [with summary in English]. I. N. Morgunov, V. V. Khatuntsev. Biul. eksp. biol. i med. 49 no. 3:73-76 Mr '60.

Variability of Clostridium perfringens isolated from foci of latent gas gangrene in X-irradiated animals. L. H. Kovtunovych. Mikrobiol. zhur. 23 no. 1:62-66 '61.

CLOTHING, COLD WEATHER

Determination of the thermal insulating properties of clothing. S. A. Kliugin, V. K. Kuz'mina. Gig. i san. 25 no. 7:60-63 Jl '60.

CLOTHING, FUR see Fur garments

CLOTHING AND DRESS

Fitting of made-to-order clothes. R. Fish. Mest. prom. i khud. promys. 2 no. 5:34-35 My '61.

CLOTHING INDUSTRY
(see also subdivision under Lyubino)

Mechanization means progress. R. Lavlinskaia. Mest. prom i khud promys. 2 no. 5 6-7 My '61

Pattern making for mass produced clothing. G. I. Trukhan. Izv vys ucheb. zav., tekh. leg. prom. no 2 79-80 '61

Review of the textbook "Textile materials for the clothing industry" by N. N. Pozhidaev and others. T. A. Modestova. Izv. vys. ucheb. zav., tekh teks. prom. no. 2.156-157 '61.

CLOTHING INDUSTRY—EQUIPMENT AND SUPPLIES

Calculating the basic parameters of the screw spring conveyer. IA. I. Esipenko. Izv vys ucheb zav ; tekh leg prom no 2:123-130 '61.

CLOTHING INDUSTRY—LABOR PRODUCTIVITY see subdivision under Alma-Ata

CLOUD PHYSICS

Apparatus for measuring the size spectrum of spherical particles and cloud droplets. V. I. Golikov. Trudy GGO no 109 76-89 '61

Microstructural calculations. K. S. Shifrin. Trudy GGO no 109 166-178 '61

CLOVER

Change in the reciprocal adaptation of honey bees and red clover. N. P. Smaragdova. Nauch dokl. vys shkoly, biol. nauki no 2.215-220 '61.

CLUTCHES (MACHINERY)

Friction disks with a cermet layer. K. G. Vorob'ev, IU. N. Sychev. Mashinostroitel' no. 5:21 My '60.

Hydraulic clutch for compressors. A. A. Trokhin. Khim. mash. no. 3:43 My-Je '60.

Use of powder metal clutches to regulate the speed of electric drives. T. A. Glazenko, A. L. Vinogradov. Izv. vys. ucheb. zav., elektromekh. 3 no. 12:72-79 '60.

Vorob'eva, T. M. [Electromagnetic clutches] Elektromagnitnye mufty. Moskva, Gos. energ. izd-vo, 1960. 206 p. (Biblioteka po avtomatiko, no. 18) [MICROFILM]

COAGULATION

Research on and development of the conditions for the congulation of latexes containing nekal and soaps of carboxylic acid using sodium chloride and recycling the serum. M. A. Rubinerzon and others. Kauch. i rez. 20 no. 4 16-22 Ap '61.

COAL
(see also subdivision under Carpathian Mountains; Kuznetsk Basin)

Accumulation of germanium in coals. A. B. Travin. Geol. i geofiz. no. 4:107 '61.

Formation of coal dendrites in the course of decomposition of alcohols on nickel. A. A. Balandin, A. P. Rudenko, G. Stegner. Izv AN SSSR, Otd. khim. nauk no. 5:762-770 My '61.

Kinetics of low-temperature oxidation of a lump of coal. N. D. Alekseeva. Trudy Inst. gor. dela 5:120-130 '60.

Methods for studying the processes taking place in reactions between carbon oxides and coal with the aid of the radioactive isotope C^{14}. I. G. Petrenko. Trudy IGI 13: 5-12 '60.

Some results of the investigation of electroösmosis in Moscow brown coal. R. N. Pitin, G. S. Golovina. Trudy IGI 13:52-60 '60.

Using electrodialysis for the study of trace elements in coals. V. M. Ershov. Trudy Gor.-geol. inst. UFAN SSSR no. 32:231-233 '59.

Volatility of germanium in coals. B. Y. Losev and others. Trudy IGI 13:104-106 '60.

COAL—ANALYSIS

Petrographic studies of core samples in coal prospecting. N. P. Grechishnikov. Trudy MGRI 33:98-106 '60.

COAL—STORAGE

Remote control temperature measurement in coal piles. V. V. Abramov. Ugol' 36 no. 3:60 Mr '61.

COAL—TESTING

Comparative evaluation of methods for determining the coking capacity of coals. A. I. Kozko, L. N. Konovalova. Obog. i brik. ugl. no. 14:47-76 '60.

Mechanizing the sampling and preparation of solid fuel specimens. I. N. Nikolaev. Standartizatsiia 26 no. 5:51 My '61.

COAL, PULVERIZED

Study of the supply of Ekibastuz coal dust by different coal dust feeding systems. A. T. Lozovskii, B. N. Muravkin. Elek. sta. 31 no. 12:25-30 D '60.

COAL GASIFICATION

Products obtained in the process of the direct heating of coal by the electric current. E. V. Miroedova, I. L. Farberov. Trudy IGI 13:158-163 '60.

Study of the relation between the concentration of water vapor and the rate of its reaction with carbon. B. M. Derman, M. I. Rogailin, I. L. Farberov. Trudy IGI 13: 33-38 '60.

COAL GASIFICATION, UNDERGROUND
(see also subdivision under Lisichansk)

Certain problems involved in the control of the processes of underground coal gasification. I. P. Kiriichenko. Trudy IGI 13:153-157 '60.

Coal is burning under earth.... P. I. Gnyp. Nauka i zhyttia 11 no. 4.15-19 Ap '61.

Combustion and gasification of oil shale in a channel. V. K. Krukovskii, R. N. Pitin, I. L. Farberov. Trudy IGI 13:87-96 '60.

Displacement rate of combustion zones and fuel moisture at the formation stage of borehole connections in the underground gasification. R. N. Pitin, K. I. Cheredkova. Trudy IGI 13:71-74 '60

Distribution of blasts in the process of borehole connection in underground coal gasification. R. N. Pitin, IU. A. Pomik. Trudy IGI 13:131-143 '60

Effect of some technological parameters of the process of underground coal gasification on the amount of gas leakage. R. N. Pitin, N. S. Mitingol, V. S. Levanevskii. Trudy IGI 13:103-114 '60.

Effect of the oxygen concentration in the air blast on the displacement rate of combustion zones at the formation stage of channel connections in underground gasification. R. N. Pitin, K. I. Cheredkova. Trudy IGI 13:61-70 '60.

Effect of thermal pretreatment on the composition of gas during the gasification of Moscow coal in a percolation channel. B. M. Derman, V. A. Nikolaeva. Trudy IGI 13: 44-47 '60.

Efficient hydrodynamic regime for the process of displacement of the combustion focus in a coal bed toward connecting boreholes. E. V. Kreinin, I. L. Farberov. Trudy IGI 13:125-130 '60.

Gas formation during the gasification of oil shales in a channel. V. K. Krukovskii, R. N. Pitin, I. L. Farberov. Trudy IGI 13:97-102 '60.

Gasification of semicoke from Moscow coal in a channel with the use of an air-steam blast enriched with oxygen. B. M. Derman and others. Trudy IGI 13:39-43 '60.

Introduction. Trudy IGI 13:3-4 '60.

Problems in reducing the leakage of air blast and gas in the underground gasification of Moscow brown coals. R. N. Pitin. Trudy IGI 13:115-124 '60.

Underground gasification of coals under high pressure. V. S. Al'tshuler and others. Trudy IGI 13:75-82 '60.

COAL GEOLOGY
(see also subdivision under Donets Basin; Lvov-Volyn' Basin; Maritime Territory; Moscow Basin, Noril'sk region; Turgay Basin, Udmurt A. S. S. R.; Ural Mountain region; Ural Mountains, Yakutia)

Alteration stages of sedimentary rock and the paragenetic relationships of mineral fuels [with summary in English]. I. I. Ammosov. Sov. geol. 4 no. 4:7-24 Ap '61.

Increasing the efficiency and quality of logging operations in coal prospecting. V. S. Gryzlov. Razved. i okh. nedr 27 no. 3:35-37 Mr '61.

Investigating the physical properties of rocks in coal deposit synclines. N. T. Kaliuzhnyi. Izv. vys. ucheb. zav., gor. zhur. no. 6:37-45 '60.

Occurrence of brecciated coal in the Volchanska brown coal deposit. M. M. Bezhaev, V. A. Knianev. Izv. vys. ucheb. zav.; gor. zhur. no. 11:14-22 '59.

Problem of using zonal spectrum photography to record coal seams in strip mines. E. L. Astvatsaturov. [Trudy] VNIMI no. 33:157-167 '58.

COAL GEOLOGY—MAPS

Aerophotographs in special geological cartography of coal deposits. S. V. Chistiakov. [Trudy] VNIMI no. 33. 131-146 '58.

COAL-HANDLING MACHINERY see subdivision under Ust'-Donets

COAL MINERS
(see also subdivision under Hungary; Kuznetsk Basin)

Effectiveness of the job-bonus wage payment system. IA. A. Rubinchik. Ugol' 36 no. 3:38-39 Mr '61.

Use of knee pads in mines. A. F. Ostapenko. Ugol' Ukr. 5 no. 5:30 My '61.

COAL MINERS—EDUCATION AND TRAINING
(see also subdivision under Ukraine)

All-Union Conference on improving the training of the coal industry workers. N. Ottenberg. Biul. nauch. inform.: trud i zar. plata 4 no. 5:52-54 '61.

COAL MINES AND MINING
(see also subdivision under Aldan Plateau; Belgium; Cherkasskoye, Lugansk Province; Donets Basin; Ekibastuz Basin; Karaganda Basin; Kuznetsk Basin; Lvov-Volyn' Basin; Moscow Basin; Selidovka; Tascy region; Tunguska Basin; Ukraine; Vorkuta)

Advantages of the block system for baring and mining deposits in the construction of large mines. E. P. Kalmykov, I. I. Baiokos, E. A. Chernitsyn. Ugol' 36 no. 3:1-6 Mr '61.

Ahead of us are new milestones. Ugol' Ukr. 5 no. 5:1-3 My '61.

Automation and telemechanics in central mine substations in coal mines. L. I. Poltava, V. I. Fursov. Izv. vys. ucheb. zav.; gor. zhur. no. 11:92-96 '59.

COAL MINES AND MINING (Continued)

Basic trends and technological developments in the reorganization of coal mines in foreign countries N. I. Ivanov, A. E. Shteding, V. M. Zykov. Ugol' Ukr. 5 no. 5: 41-43 My '61.

Basis for choosing several parameters and directions in mining when confronted with various coal deposit synclines I. I. Popov Izv. vys. ucheb. zav., gor. zhur. no. 3 30-34 '60

Brief information. Ugol' 36 no. 3 58-59 Mr '61.

Brief news Ugol' 36 no. 5 61-62 My '61

Changes in the professional composition of coal miners under the influence of technological progress. S. Zykov, N. Khaikin. Biul. nauch. inform. trud i zar. plata 4 no. 5: 16-18 '61.

Characteristics and mechanics of coal and gas outbursts in coal mines. M. IU. Grigor'ev, V. S. Popov. Izv. vys. ucheb. zav., gor. zhur. no. 3 44-52 '60.

Conference on planning, work organization and wages. V. IU. Sheiest. Ugol' Ukr. 5 no. 5: 46-47 My '61.

Cutting depth in coal mining N. P. Milonov. Ugol' 36 no. 3 22-23 Mr '61

Determining the dimension of mine areas in mining with the panel development system. B. S. Lokshin. Ugol' 36 no. 5 12-15 My '61

Determining the fields of application in coal mines and basic parameters of coal loading into railroad cars without using storage bins. S. G. Uvarov. Ugol' 36 no. 4 31 Ap '61.

Economic evaluation of losses of coal in mines. I. S. Kuklin. Izv. vys. ucheb. zav.; gor. zhur. no. 11: 41-45 '59.

Effect of changes in the working width of a mine strip on the amount of heavy work required in longwall processes. V. I. Malanisev. Izv. vys. ucheb. zav., gor. zhur. no. 6 3-9 '60

Improve the activity of the Scientific and Technical Society of Mining Engineers. M. V. Reznichenko. Razved. i okh. nedr 27 no. 3: 48-49 Mr '61.

Mechanization of development within deposit operations IA. M. Prudkin. Ugol' 36 no. 4 19-23 Ap '61

Narrow-range coal mining. A. D. Ignat'ev. Ugol' 36 no. 3 21 Mr '61.

Observations concerning the terminology in I. E. Atlas and A. S. Astakhov's book "Organization of work in the longwalls of slightly inclined seams" IU. F. Savenko Ugol' 36 no. 4 63 Ap '61.

On M. F. Pilipovich's article "Specifications for boring and blasting operations." N. L. Rosinskii, M. A. Magorchenkov, V. I. Zenin. Bezop. truda v prom. 5 no. 5: 16-17 My '61.

Problem of necessary and sufficient accuracy in the planning of mines in working coal deposits. S. A. Filatov. [Trudy] VNIMI no. 33 5-21 '58.

Relative efficiency of various trends in the technology of coal mining. K. M. Zvaginseva. Izv. vys. ucheb. zav.; gor. zhur. no. 11: 46-50 '59.

Response to IU. V. Kuznetsov's article "Preliminary wetting of coal in the block as a factor to increase labor productivity." L. IA. Likhachev, E. I. Ontin. Ugol' 36 no. 3 56 Mr '61.

Results of the discussion on narrow-range coal mining. Ugol' 36 no. 3 23-25 Mr '61.

Review of the book "Mining coal seams without a permanent presence of men in the stopes" I. L. Falbisovich, E. Z. Geliuta Ugol' 36 no. 5: 63-64 My '61

Rock pressure manifestations during the mining of areas overlying stoped workings. E. P. Lunov, IU. D. Snegirev, M. M. Vial'tsev. Ugol' 36 no. 5 20-23 My '61

Toward new achievements in the establishment of communism Ugol' 36 no. 5: 1-4 My '61

Widen the roads for the introduction of narrow-range coal mining methods. V. N. Khorin. Ugol' 36 no. 3 18-21 Mr '61.

COAL MINES AND MINING—ACCIDENTS see subdivision under Kuznetsk Basin; Lvov Province

COAL MINES AND MINING—ACCOUNTING

Accounting of fixed assets in coal mines and ways to improve it. P. M. Skripnik. Ugol' 36 no. 4: 37-39 Ap '61.

Better organization of accounting for general mine expenditures. P. V. Naglbin. Ugol' Ukr. 5 no. 5: 35-36 My '61.

Ways of reducing the volume of estimate documents. E. V. Liul'ko. Ugol' 36 no. 4: 40-41 Ap '61.

COAL MINES AND MINING—AIR CONDITIONING

Mobile air conditioners for deep mines; response to N. V. Poliakov and N. N. Khokhotva's article "Results of the experimental operation of air conditioners for air cooling in longwalls." A. IA. Kalashnikov, P. I. Kukharenko, V. N. Kukharev. Ugol' 36 no. 4: 58-59 Ap '61.

Temperature conditions of rock walls and coal seam in the face area. A. N. Shcherban', A. S. TSyrul'nikov, V. G. Tereshchenko. Ugol' Ukr. 5 no. 5: 10-13 My '61.

COAL MINES AND MINING—BIBLIOGRAPHY see Bibliography—Coal mines and mining

COAL MINES AND MINING—COSTS
(see also subdivision under Moscow Basin)

Economic expediency in increasing timber supplies. S. A. Kulish. Izv. vys. ucheb. zav., gor. zhur no. 3 35-38 '60.

Fighting to lower coal costs. B. N. Shevelev, IU. F. Vasiuchkov Ugol' 36 no. 3 45-47 Mr '61.

COAL MINES AND MINING—ELECTRIC EQUIPMENT

The AK-1 combined device. IU. I. Gorlunov. Bezop. truda v prom. 5 no. 5 30-31 My '61.

COAL MINES AND MINING—EQUIPMENT AND SUPPLIES
(see also subdivision under Kuznetsk Basin; Moscow Basin)

Determining the leakage of compressed air in air pipes. A. A. Saprykin. Ugol' 36 no. 3 26-27 Mr '61.

New equipment for automatic control and communication systems in mines and coal preparation plants. V. G. Ulitin. Ugol' 36 no. 3 27-29 Mr '61

Portable head frame for dump piles. L. IA. Shilo. Ugol' Ukr. 5 no. 5: 24 My '61.

COAL MINES AND MINING—FINANCE

How to evaluate the ways of increasing the economic effectiveness of capital investments in the mining industry. D. O. Khablenko. Ugol' 36 no. 3: 35-38 Mr '61.

COAL MINES AND MINING—FIRES AND FIRE PREVENTION

Fire hazards of the shield mining method. A. B. Zakharov, V. A. Moiseev. Ugol' 36 no. 3 11-14 Mr '61

Problem of determining the extent of the mining areas in the wings of the closure sections of folds. A. P. Andrianov. Izv. vys. ucheb. zav.; gor. zhur. no. 9: 3-8 '59.

COAL MINES AND MINING—LABOR PRODUCTIVITY
(see also subdivision under Donets Basin; Karaganda Basin; Kizel Basin)

Ways of increasing labor productivity and reducing production costs. T. N. Belevtsev. Ugol' 36 no. 5: 5-7 My '61.

COAL MINES AND MINING—PRODUCTION STANDARDS

Means and improvement technical standardization in the coal industry. IU. M. Rubinskii, N. D. Prokopenko. Izv. vys. ucheb. zav.; gor. zhur. no. 3 39-43 '60.

COAL MINES AND MINING—RESEARCH

Problems in the new technology of underground coal mining. A. P. Sudoplatov. Ugol' 36 no. 4 8-13 Ap '61.

Some data on research in manless coal mining in foreign countries. I. A. Babokin, G. G. Suetin. Ugol' 36 no. 4: 52-57 Ap '61.

COAL MINES AND MINING—SAFETY MEASURES
(see also subdivision under Kuznetsk Basin; Lugansk Province)

Intensify organizational work for securing efficient and safe working conditions for miners. Bezop truda v prom. 4 no. 5: 1-2 My '60.

COAL MINES AND MINING—STATISTICS see subdivision under Donets Basin

COAL MINING MACHINERY
(see also subdivision under Germany, West; Stalinogorsk, Sweden)

Advantages of narrow-range units provided with K-52 and K-52M cutter-loaders. V. V. Angarskii. Ugol' 36 no. 3 14-17 Mr '61.

Brief news. Ugol' 36 no. 4 59-61 Ap '61.

Determining advantageous operational conditions for "Donbass-1" cutter-loaders. V. F. Kozlenko. Ugol' 36 no. 5: 26-27 My '61.

Experiment in raising without the presence of people in the stope. O. D Alimov, D. N. Malikov Izv. vys. ucheb. zav., gor. zhur. no. 2: 23-26 '60.

Liuboshchinskii, D. M., and others. [Breaking of coal by the cutting elements of mining machines] Razrushenie uglei ispolnitel'nymi organami vyemochnykh mashin. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 220 p.

Mechanization of development within deposit operations. IA. M. Prudkin. Ugol' 36 no. 4: 19-23 Ap '61.

Mining 704 meters of drift per month with the PK-3 cutter-loader. I. V. Demchenko, I. V. Piakhotniuk, N. M. Lozovoi. Ugol' Ukr. 5 no. 5: 29 My '61.

Performance of the K8-N cutter-loader in steeply dipping seams. B. I. Ruchnov. Ugol' Ukr. 5 no. 5: 25-26 My '61.

Research on the cutting of sandstone with a single cutter. Z. N. Alekhova. Trudy Inst. gor. dela 5: 64-74 '60.

Spraying system. I. IA. Muratov. Ugol' 36 no. 5: 58-59 My '61.

Standardized enamel loading chutes for the K8-N and LGD "Donbass" cutter-loaders. S. V. IArovoi. Ugol' Ukr. 5 no. 5: 31-32 My '61.

Testing cutting bars with the VUGI-KF-type watering system. P. P. Gertsen. Bezop. truda v prom. 4 no. 5: 19-21 My '60.

Theory of movement of coal-cutting machines with a hauling rope B. L. Davydov. Izv. vys. ucheb. zav.; gor. zhur. no. 3 79-89 '60.

COAL MINING MACHINERY—SAFETY APPLIANCES

Safety catcher for coal-mining combines. I. Muratov. Bezop. truda v prom. 5 no. 5: 32 My '61.

COAL MINING MACHINERY—TECHNOLOGICAL INNOVATIONS

Development of over-all mechanization and automation in the coal mining industry Mekh i avtom proizv 15 no. 5: 46-47 My '61

COAL PREPARATION
(see also subdivision under Japan; United States)

Behavior of pyrite in the flotation of coal pulp. N. D. Ogloblin Izv. vys. ucheb. zav., gor. zhur no. 6: 132-138 '60

Introducing the new water-pulp system with successive use of water cascades in coal preparation plants. N. I. Davydkov. Ugol' 36 no. 3: 53-55 Mr '61.

Regularities in the fraction distribution of various specific weights among the products of hydraulic jigging. R. F. Afanas'eva. Ugol' 36 no. 3: 51-53 Mr '61.

Tasks in the development of new techniques for coal preparation. I. N. Plaksin, N. S. Vlasova. Ugol' 36 no. 1: 61-62 Ap '61.

Using a hydrocyclone battery in the pulp-water system of coal preparation plants M. N. Dunaev, A. G. Melik-Stepanova, B. S. Ordanskaia Obog. i brik. ugl. no. 14: 21-35 '60.

Zarubin, L. S., and A. V. Shlau. [Filter centrifuges for the dewatering of fine coals] Fil'truiushchie tsentrifugi dlia obezvozhivaniia melkogo uglia. Moskva, Gos. nauchno-tekhn izd-vo lit-ry po gornomu delu, 1961. 110 p.

COAL PREPARATION PLANTS

Increasing the number of flotation cells in the existing industrial areas of coal preparation plants. G. L. Livshits and others. Ugol' Ukr. 5 no. 5: 19-21 My '61.

Purification from sludge of circulating water in coal preparation plants. N. I. Davydkov. Obog. i brik. ugl. no. 14: 36-46 '60

COAL PREPARATION PLANTS—EQUIPMENT AND SUPPLIES

New equipment for automatic control and communication systems in mines and coal preparation plants. V. G. Ulitin. Ugol' 36 no. 3: 27-29 Mr '61.

COAL PREPARATION PLANTS—TESTING

Kolbash, V. A. [Testing and production control in coal preparation plants] Oprobovanie i kontrol' na ugleobogatitel'nykh fabrikakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 166 p.

COAL-TAR PRODUCTS

Composition of the bases of the heavy fraction from coal tar. M. M. Potashnikov. Zhur. prikl. khim. 34 no. 3: 700-704 Mr '61.

COAL TRADE

Direct payments in business enterprises. M. Kazakelov, I. Taflia. Den. i kred. 19 no. 5: 18-25 My '61.

COAL WASHING

Closed circle of the coal washing system. V. IA. Konradi, E. V. Lifanov. Ugol' Ukr. 5 no. 5: 22-23 My '61.

Mayer curve of the washability of coals. B. A. Zemlinkov. Ugol' 36 no. 4: 45-47 Ap '61.

COAST CHANGES
(see also subdivision under Azov, Sea of; Bering Sea; Caspian Sea; Komandorskiye Islands; Mingechaur Reservoir; Peter the Great Bay; Tsimlyansk Reservoir)

Experiments in studying the slope transformation through erosion and the sand transport along the shore. G. A. Orlova. Trudy Okean. kom. 8: 235-239 '61.

Formation of the outer edge of a coastal shoal by waves I. K. Sivakov. Trudy Okean. kom. 8: 129-135 '61.

Hydrological basis for calculating the transformation of reservoir shores. N. A. Lobanovskii Trudy Okean kom. 8: 98-103 '61

Results of geomorphological observations on reservoir shores A. D Kolbutov Trudy Okean kom. 8: 229-234 '61

Scientific coordinating conference on the dynamics of sea and reservoir shores. M Plakida. Rech. transp 19 no. 3: 53-54 Mr '60.

COASTS
(see also subdivision under Azerbaijan; Azov, Sea of; Baltic Sea; Sakhalin; Temryuk Gulf region)

Longshore and compensation currents along an accumulative shore with a smooth slope. I. F. Shadrin. Trudy Okean. kom. 8: 159-169 '61.

COATINGS, PROTECTIVE see Protective coatings

COBALT

Hydrogenation of nitriles. Report No. 1: Hydrogenation of isophthalonitrile on a cobalt catalyst. D. V. Sokol'skii, F. Bizhanov. Izv. AN Kazakh. SSR, Ser. khim. no. 2: 101-104 '60.

COBALT (Continued)

Physicochemical properties of the surface of a cobalt catalyst. Chzhan Da-lun [Chang Ta-yü]. Probl. kin i kat. 10 429-434 '60

Role of the silt microflora of stagnant waters in the migration of cobalt in biogeochemical provinces with different concentrations of this element. S. V. Letunova. Trudy Biogeokhim. lab. no. 11, 109-119 '60.

COBALT—PHYSIOLOGICAL EFFECT

Vitamin B_{12} synthesis in the organs of farm animals in biogeochemical provinces with different cobalt concentration. V. V. Koval'skii, IU. I. Raetskaia. Trudy Biogeokhim. lab. no. 11, 102-108 '60.

COBALT—THERAPEUTIC USE

Effectiveness of treating gastric and duodenal ulcer with cobalt preparation No. 9. Preliminary report. N. R. Rakhimov. Med. zhur. Uzb. no. 4:18-20 Ap '61.

COBALT TUNGSTATE

Heat capacity of calcium, manganese, and cobalt tungstates at high temperatures [with summary in English]. R. A. IAkovleva, T. N. Rezukhina. Zhur. fiz. khim. 34 no 4 819-823 Ap '60

COCAINE

Mechanism of the action of cocaine on the respiration of nerve tissue [with summary in English]. M. I. Kuzhman Vop. med. khim 6 no 2 188-191 Mr-Ap '60.

Optimal conditions for the extraction of cocaine from aqueous solutions by organic solvents. V. P. Kramarenko. Farmatsev. zhur. 15 no. 1:23-26 '60.

COCOA

Comparative testing of methods of preparing chocolate and cocoa powder. T. P. Izmakova. Trudy VKNII no. 14:3-19 '59

COELACANTHIDAE

How they tried to find a coelacanth. N. M. Ukraina no. 10 32 My '61.

COELENTERATA—ANATOMY

Morphological and cytochemical investigation of the parasitic stages of development of Polypodium hydriforme Ussov (Coelenterata) E. V. Raikova TSitologiia 2 no 2 235-251 Mr-Ap '60

COENZYMES

Effect of hydrogen peroxide formed during enzymatic reactions on the process of synthesis of acetylcholine. A. A. Miul'berg. Fiziol. zhur. 47 no. 5 643-649 My '61

COFFEE

Cup of coffee. I. Vol'per. Obshchestv. pit. no. 5:54-55 and 58 My '61.

COGNITION

Correlation of subjective and objective elements in the cognitive process [with summary in English, p. 195]. IU. F. Bukhalov. Vop. filos. 15 no 5, 124-132 '61.

COINS

(see also subdivision under Asia, Central)

From the history of the minting of Russian coins. N. Mets IUn. tekh. 5 no 1:46-48 Ja '61.

COINS, ANCIENT see subdivision under Black Sea region; Korch; Kobuleti; Olbia (Borysthenes)

COKE

(see also subdivision under Pechora Basin)

Iron coke manufactured from coals with a low coking capacity. F. A. Poputnikov. Obog. i brik. ugl. no. 14: 15-20 '60.

Using a greater variety of coals for coking purposes in the Donets and Kuznetsk Basins. I. F. Pakhalok, F. A. Poputnikov, N. I. IUrenkov. Obog. i brik. ugl. no. 14 3-14 '60.

COKE—STANDARDS

Foundry coke. K. I. Garkalenko. Standartizatsiia 25 no. 5:50-51 My '61.

COKE—TESTING

Resistance of coke to compression at various temperatures. L. V. Bardina. Trudy Inst. met. no. 4:58-60 '60.

COLD—PHYSIOLOGICAL EFFECT

Effect of the nature of work on arterial pressure in human subjects under Arctic and Antarctic conditions. N. R. Pavleev. Klin. med. 39 no. 5:22-27 My '61.

Thermoregulation in the human body under the climatic conditions of high northern latitudes [with summary in English]. N. I. Bobrov. Gig. i san. 25 no. 7:26-31 Jl '60.

COLD WEATHER CLOTHING see Clothing, Cold weather

COLD WELDING

Stud welding to plates by the friction method. R. I. Zakson, V. D. Voznesenskii. Avtom. svar. 14 no. 6:58-62 Je '61.

COLITIS

Present status of the question of the health resort treatment of chronic colitis. E. B. Vygodner. Vop. kur., fizioter i lech. fiz. kul't. 26 no. 1:3-8 '61

COLLAGEN

Development of collagen components in embryogenesis. A. A. Tustanovskii and others. Dokl. AN SSSR 138 no 4: 962-965 Je '61.

COLLAGEN DISEASES

Collagen diseases in neurological and psychiatric clinical practice [with summary in French]. V. V. Mikheev, L. M. Dukhovnikova, T. A. Nevzorova. Zhur. nevr. i psikh. 60 no 3 257-261 '60

Development of A. A. Bogomolets's theory of the physiological system of connective tissues and "collagenosis." O. I. Smyrnova-Zamkova, H. V. Mel'nychenko. Fiziol. zhur. [Ukr.] 7 no. 3:333-342 My-Je '61.

Eosinophilic leukemia and eosinophilic reactions [with summary in English, p. 61]. V. K. Polenko. Probl. gemat. i perel. krovi 5 no. 3:15-22 Mr '60.

"Neurological syndromes in rheumatic fever and in so-called collagen diseases" by I. Hausmanowa-Petrusewicz, E. Herman. Reviewed by I. Stankevich. Zhur. nevr. i psikh. 60 no 3 377-378 '60

COLLAGENASE

Study of the action of collagenase on synthetic substrates [with summary in English]. K. T. Poroshin and others. Biokhimiia 26 no. 2:244-248 Mr-Ap '61.

COLLECTIVE FARMS

(see also subdivision under Bragin District, Fergana, Georgiyevskiy District, Komi A. S. S. R.; Kuba District; Mogilev Province; Moldavia; Mordovin, Namangan District; Nerekhta District; Nizhne-Chirchikskiy District; Odessa Province; Oyash; Pavlograd District, Polesye, Ryazan Province; Rybane, Czechoslovakia; Ukraine, Yang-lut District)

Figures and facts. Z. Safin, A. Zhigalko. Sots. obesp. 22 no. 5 40-41 My '61.

Gamalunov, M. V. [Merging of the two forms of socialist property] Sblizhenie dvukh form sotsialisticheskoi sobstvennosti. Moskva, Izd-vo "Znanie," 1961. 35 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 5, Sel'skoe khoziaistvo, no. 7)

Paitsoni, Vil'gel'm, and S. V. Lutsenko. [Competition between Soviet and German farmers] Sorevnovanie sovetskikh i nemetskikh krest'ian. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 122 p. [MICROFILM]

Popova, A. I. [Development of the concept of collective-farm property] Puti razvitiia kolkhoznoi sobstvennosti. [Tula] Tul'skoe knizhnoe izd-vo, 1960. 46 p. (V pomoshch' izuchaiushchim voprosy razvernutogo stroitel'stva kommunizma)

Prospects for the development of collective-farm production. S. Semin. Vop. ekon. no. 5 48-54 My '61.

Role of the Communist Youth League in the complete collectivization of agriculture, 1930-1932. V. B. Ostrovskii. Uch. zap. SGU 66:3-37 '58

Social insurance of machine operators and persons working as hired help on collective farms. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 5, 52-54 My '61

Some problems relating to the protection of collective farm property in civil law. I. I. Poimanov. Biul. SNO LGU no. 2 108-115 '59.

State purchases of agricultural products and their role in the development of collective farming. K. I. Mogil'nitskaia. Uch. zap. TGU no. 31 3-19 '59

Transactions that violate the law and regulations of the agricultural artel. B. Liskovets. Sots. zakon. 37 no 4-12-17 Ap '60.

We create a happy life ourselves. O. K. Dyptan, Volov, ateist no. 4:27-28 Ap '61.

Years of friendship ("Developed virgin lands" by M. A. Sholokhov. Reviewed by B. Borisov). Sov. voin. 41 no. 6 17 Mr '60.

COLLECTIVE FARMS—ACCOUNTING

(see also subdivision under Bashkiria; Kherson Province; Khmel'nitskiy Province; Murmansk Province)

Balance sheet method of accounting for materials on the "Avangard" Collective Farm. L. I. Zhuravlev. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 5:19-20 My '61.

A book that is a turnover journal for recording payments to collective farmers. V. D. Smirnov. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 5:10-13 My '61.

Control over the carrying out of a plan for milk yield. D. B. TSyrenzhapov. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 6:21 Je '61.

Document forms must be improved to answer practical needs. P. IU. Izbulatov. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 5:23-24 My '61.

Grouping in the accounting for materials. I. M. Kobtsev. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 5:21 My '61.

The grudge, story. G. D. Doroshchenkov. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 5:30-32 My '61.

Lack of coordination in the documentation for the receipt of goods. N. A. Vasil'ev. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 6:25 Je '61.

On the annual report of a collective farm. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 6:10-13 Je '61.

Original accounting for labor. A. M. Kovalev. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 6:17-20 Je '61.

Original documentation of accounting for labor on collective farms. V. P. Subbotin. Dokl. i soob. VNIESKH no 8 113-126 '60.

Use cards in accounting for capital assets. V. G. Shiriaev. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 6:24 Je '61.

What a collective farm annual report should be like. P. K. Shevchenko. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 6 14-15 Je '61.

Why turnover journals are not being kept? P. F. myshev. Uchet i fin. v kolkhoz. i sovkhoz. 18 no 5, 24 My '61

COLLECTIVE FARMS—AUDITING AND INSPECTION

Auditing committee in the struggle to observe agricultural artel statute. I. K. Kurpov. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 6 45-46 Je '61.

COLLECTIVE FARMS—FINANCE

(see also subdivision under Petukhovo District; Sarkand District; Tatarsk District; Uzbekistan; Voronezh Province)

Business accounting in the brigades and farms of the Karl Marx Collective Farm. N. F. Khabarov. Dokl. i soob. VNIESKH no. 8 101-112 '60.

Business accounting is a means for strengthening the collective-farm economy. V. IA. Savorov. Uchet i fin. v kolkhoz. i sovkhoz. 18 no 5, 31-34 My '61

Developing communal funds and distributing collective farm incomes. G. G. Kotov and others. Dokl. i soob. VNIESKH no. 8 75-90 '60.

Planning of working capital on collective farms. I. M. Rublev. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 5 25-31 My '61

Put finance in the service of production. I. D. Chernyi, A. I. Buzinskii. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 6:26-32 Je '61.

COLLECTIVE FARMS—INCOME DISTRIBUTION

(see also subdivision under Ardatov District; Chuvashia; White Russia)

A book that is a turnover journal for recording payments to collective farmers. V. D. Smirnov. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 5:10-13 My '61.

Developing communal funds and distributing collective farm incomes. G. G. Kotov and others. Dokl. i soob. VNIESKH no. 8:75-90 '60.

Economic nature of the remuneration of collective farmers. A. A. Sergeev. Uch. zap. TGU no. 31 20-40 '59.

Guaranteed monthly monetary remuneration of collective farmers. I. D. Trotsenko. Vest. Mosk. un. Ser. 10, Pravo 15 no. 2:21-31 Ap-Je '60

Let's improve the study of the material self-interest problem. T. Zaslavskaia, M. Mikhailov. Kommunist 38 no. 9:106-111 Je '61.

Some practical problems in the remuneration of collective farmers. A. A. Sergeev. Uch. zap. TGU no. 31 101-117 '59.

Supplementary remuneration on collective farms. V. Voropaev. Polit. samoobr. 5 no. 5:62-66 My '61.

COLLECTIVE FARMS—INTERFARM COOPERATION

Achievements of the Borovskii interfarm construction organization. P. Vlazovskii. Sel'. stroi. 15 no. 2, 15 F '61.

Advanced organization of construction. M. Shulenin. Sel'. stroi. 15 no. 3, 11-12 Mr '61.

Assembly-line method in rural construction. V. Golosov, M. Rad'ko, K. Ivanov. Sel'. stroi. 15 no. 2:5-7 F '61.

The best interfarm organization in Tatarstan. L. Samsikov, M. Budaili. Sel'. stroi. 15 no. 2:15 F '61.

Construction organizations and enterprises which serve several collective farms. V. Vasil'ev. Sel'. stroi. 15 no. 2:13-14 F '61.

Let's strengthen our production base. V. Lander. Sel'. stroi. 15 no. 2:14-15 F '61.

Problems of strengthening intercollective-farm economic relations. V. Mel'nikov. Vop. ekon. no. 5 55-64 My '61

Procedure for calculating shares in intercollective farm production organizations. M. Li. Nar. khoz. Kazakh. 10 no. 5:87-88 My '61.

Voronezh Province Interfarm Construction Organization in 1961. I. Korchagin. Sel'. stroi. 15 no 3:12 Mr '61.

COLLECTIVE FARMS—LAWS AND LEGISLATION

Civil lawsuits of collective farms. P. Fedorov. Sots. zakon. 30 no. 9:42-46 Je '61.

"Legal problems in the work of collective farms" by O. V. Ostrovs'kyi, A. M. Fel'dman. Reviewed by V. Sklyis'kyi, An. Tkach. Rad. pravo no. 3:146-149 My-Je '61.

The legal status of interfarm stock fattening yards. TS. Bychkova. Komm. Ukr. 30 no. 6:93-96 Je '61.

Recent legislative enactments. Rad. pravo no. 3:139-142 My-Je '61.

Roslov, P. N. [Rights and duties of the organs of collective-farm management] Prava i obiazannosti organov upravleniia kolkhozov. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 199 p.

COLLECTIVE FARMS -- LAWS AND LEGISLATION (Continued)

Useful manual on collective farm legislation ("740 questions and answers on collective farm legislation", collection of consultations. Reviewed by L. A. Teplov, O. V. Belousov). Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 6:58-60 Je '61.

COLLECTIVE FARMS--OFFICIALS AND EMPLOYEES

Rostov, P. N. [Rights and duties of the organs of collective-farm management] Prava i obiazannosti organov upravleniia kolkhozov. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 109 p.

Selection and education of managing personnel in agriculture. A. Khalimulin. Part. zhizn' Kazakh. 31 no. 5 32-36 My '61.

COLLECTIVE FARMS--VALUATION (see also subdivision under Estonia)

Brief news. N. G. Tonkonogova. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 6 60 Je '61.

For a successful completion of preparations for the revaluation of fixed assets on collective farms. A. A. Kochnev. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 6 50-53 Je '61.

Methods for revaluating capital assets on collective farms and interfarm organizations. M. Feidlin, N. Danilov. Vest. stat. no. 3 58-69 '61.

COLLECTIVISM

Socialist collectivism and the development of personality (with summary in English, p 186) IU. P. Frantsev. Vop. filos. 15 no. 5 34-46 '61.

COLLEGE AND SCHOOL DRAMA see subdivision under Omsk

COLLEGE AND SCHOOL JOURNALISM

Role of wall newspapers in drawing student groups together and in the struggle for conscious discipline and progress. A. I. Dovgun. Uch. zap. Chel. gos. ped. inst. 6 no. 1 119-131 '59.

COLLEGE AND SCHOOL PERIODICALS see subdivision under Astrakhan; Grodno

COLLEGE SPORTS (see also subdivision under Sofia)

Improve sports work among the student body. Komsom. zhizn' no. 17:28-30 S '60.

COLLISIONS (NUCLEAR PHYSICS)

Integral of electron collision with electrons. V. P. Silin. Fiz. met. i metalloved. 11 no. 5:805-807 My '61.

Pulse distribution of particles generated in $E = 9$ Bev. inelastic NN-collisions. V. S. Barashenkov, Van-Pei [Wang-P'ei], V. M. Mal'tsev. Zhur. eksp. i teor. fiz. 38 no. 2:650-652 F '60.

COLON (ANATOMY)--INFLAMMATION see Colitis

COLONATE see subdivision under Africa, North

COLONIES

Dangers of neocolonialism. Pierre Cot. V zashch. mira no. 5:4-7 My '61.

For peace and happiness on earth. V mire knig 1 no. 1: 5 Ja '61.

The struggle of the poets of the journal "Iskra" against colonialism, in honor of the 100th anniversary of the founding of the journal, 1859. A. V. Kokorev. Vest. Mosk. un. Ser. 7 Filol., zhur. 15 no. 2 28-36 Mr-Ap '60.

COLOR--PSYCHOLOGY

COLOR PHOTOGRAPHY--FILMS

Contact fog in multilayer color films. L. V. Grechko, IU. B. Vilenskii, Zhur. nauch. i prikl. fot. i kin. 6 no. 3:225-226 My '61.

DS-5 color film. L. Shiatinovskaia. Sov. foto 21 no. 5:41-42 My '61.

COLOR PHOTOGRAPHY--PRINTING PROCESSES

Nonlinear color separation correction by means of intensifying negative masks. L. F. Artiushin. Zhur. nauch. i prikl. fot. i kin. 5 no. 2 101-107 Mr-Ap '60.

COLOR SENSE

Forgotten experiment pertaining to the theory of the visual distinction of colors. V. A. Perkal'skii. Fiz. v shkole 20 no. 2 77 Mr-Ap '60.

COLOR TELEVISION

Effect of transmission parameters on the quality of stereoscopic color television images. V. E. Dzhakoniia. Tekh. kino i telev. 5 no. 5:52-58 My '61.

Russia (1923- U.S.S.R.) Ministerstvo sviazi. Gosudarstvennyi nauchno-issledovatel'skii institut. [Color television, information manual] TSvetnoe televidenie, informatsionnyi sbornik. [n.p.] 1958. 112 p. [PHOTOCOPY]

Transmission of color signals with an asymmetric spectrum limitation of the sidebands. V. I. Efimkin. Tekh. kino i telev. 5 no. 5:43-51 My '61.

COLORED GLASS see Glass, Colored

COLORIMETERS--TESTING

Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 274-54 for checking colorimeters] Instruktsiia 274-54 po poverke kolorimetrov. Izd. ofitsial'noe. Moskva, 1957. 6 p.

COLORIMETRY

Photocolorimetric determination of streptocide and sulgine in tablets. G. I. Luk'ianchikova. Med. prom. 15 no. 3:44-46 Mr '61.

COLUMBIUM see Niobium

COMBINES (AGRICULTURAL MACHINERY) (see also subdivision under Taganrog)

Adapting the hopper of the KU-2A combine for feed distribution. P. I. Kozol. Mekh. sil'. hosp. 12 no. 6:22 Je '61.

Attachment to the SK-3 combine for picking up chaff. L. Folhel'man, F. Lakodei. Mekh. sil'. hosp. 12 no. 5: 18 My '61.

Combine with a grain dryer. I. Evdokimenko. Tekh. mol. 29 no. 4:38 Ap '61.

Drying grain on the S-4 combine. D. V. Kamshylov. Mekh. sil'. hosp. 12 no. 6:17-18 Je '61.

Effect of the size of windrows on the performance of combines. M. V. Poliakova. Mekh. sil'. hosp. 12 no. 6:9-10 Je '61.

Portnov, M. N. [Grain combines] Zernovye kombainy. Izd. 3., perer. i dop. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 344 p.

Shefer, A. S. [My experience in harvesting] Moi opyt uborki urozhaia. [Novosibirsk] Novosibirskoe knizhnoe izd-vo, 1960. 20 p. (DA)

Structural features of the SK-4 combine. S. O. Karpenko. Mekh. sil'. hosp. 12 no. 6:29-30 Je '61.

COMBINES (AGRICULTURAL MACHINERY)--MAINTENANCE AND REPAIR

Repairing freewheeling roller clutches of SK-2, 6 combines. M. I. Husarov. Mekh. sel'. hosp. 12 no. 5:17 My '61.

COMBUSTION

...ack in the course of the decompo... of hydrocarbons. P. A. Tesner. 6-53 My '61.

...a steady rate of burning of a ... V. N. Vilunov. Dokl. AN SSSR '61.

...ontaneous ignition of paraffinic ... r laminar and turbulent burning ...ov, A. S. Sokolik. Dokl. AN SSSR '61.

...ces in the burning of coal. I. A. ... AN SSSR no. 3:29-37 '61.

... R. IUrenev. Isk. kino no. 6:124-

... by S. V. Orlov. Nauka i zhizn'

... S. K. Vzekhsviats'kyi. Visnyk mat. ta mekh. no. 1:135-144 '58.

...ch (Arend-Roland). S. K. Vsekh... ...v. un. Ser. astron., mat. ta mekh

... observations of Arend-Roland's ...ats'kyi. Visnyk Kyiv. un. Ser. no. 1 125-127 '58.

COMETS--1957

Visual observations and evaluation of the brilliance of comet 1957 (Mkrtos). S. K. Vsekhsviats'kyi. Visnyk Kyiv. un. Ser. astron., mat. ta mekh. no. 1 135-143 '58.

COMMANDER ISLANDS see Komandorskye Islands

COMMERCE--ACCOUNTING

Tarasov, S. V. [Accounting in foreign trade operations and problems in analyzing the activity of organizations engaged in foreign trade] Bukhgalterskii uchet vneshnetorgovykh operatsii i voprosy analiza khoziaistvennoi deiatel'nosti vneshnetorgovykh ob"edinenii. Izd. 2., dop. i perer. Moskva, Vneshtorgizdat, 1959. 247 p. (RPB)

COMMERCIAL JOURNALISM see Journalism, Commercial

COMMERCIAL LAW see subdivision under Moscow Province

COMMUNICABLE DISEASES

Basic principles in the use of modern antibiotics in infectious diseases. G. P. Rudnev. Lech. infekts. bol'. no. 4:4-13 '60.

Basic principles of hormone therapy for patients with communicable diseases. G. P. Rudnev, IU. N. Guraskii. Lech. infekts. bol'. no. 4:199-209 '60.

Dynamics of blood protein fractions in infectious diseases (erysipelas, dysentery, typhus and typhoid fever). A. V. Eremenko. Lech. infekts. bol'. no. 3:126-130 '57.

Evolution of droplet infections in children, some comments on two reports by V. I. Ioffe and him coauthors. S. V. Gusiits. Sov. zdrav. 20 no. 5 56-58 '61.

Hospitalization during acute infectious diseases and their seasonal incidence. G. F. Konstantinov, L. V. Letko. Sov. zdrav. 20 no. 1:99-104 '61.

Problem in the eradication of infectious diseases. Vest. AMN SSSR 14 no. 5 3-10 '59.

Problems in the diagnosis of infectious diseases. G. P. Rudnev. Lech. infekts. bol'. no. 3 5-19 '57.

COMMUNICABLE DISEASES--CONGRESSES

Brief news. Fel'd. i akush. 25 no. 4:62 Ap '60.

COMMUNICABLE DISEASES--PREVENTION

Gorin, M. V. [Prevention of infectious diseases] Profilaktika zaraznykh boleznei. [Leningrad] Gos. izd-vo med. lit-ry Medgiz, Leningr. otd-nie, 1959. 59 p. (Nauchno-populiarnaia meditsinskaia literatura) (DNLM)

COMMUNICATION AND TRAFFIC see subdivision under Ukraine

COMMUNISM (see also subdivision under Communist Countries)

Akademiia nauk SSSR, Institut ekonomiki. [Problems of the political economy of socialism, 1960 issue] Problemy politicheskoi ekonomii sotsializma, vypusk 1960 g. Pod red. IA. A. Kronroda. Moskva, Gos. izd-vo polit. lit-ry, 1960. 303 p.

The basic economic law of socialism. A. Sharomov. Polit. samoobr. 5 no. 6,126-128 Je '61.

Communism and the individual. V. Davydovych. Komm. Ukr. 36 no. 6,52-60 Je '61.

Correlation of society and the individual under socialism. V. A. Mal'kov. Biul. SNO LGU no. 2:3-12 '59.

A decisive factor in present-day social development. A. Kravchenko. Komm. Mold. 6 no. 5:8-16 My '61.

The development of communist social relations. G. Glezerman. Komm. Vooruzh. Sil 1 no. 12:8-18 Je '61.

Distribution according to work under socialism. N. N. Skrypneva. Biul. SNO LGU no. 2:42-55 '59.

The economic stimulation of labor and forms of the transition to communist distribution. E. Manovich. Vop. ekon. no. 5:76-85 My '61.

For new victories of the world-wide Communist movement. V mire knig 1 no. 3:1 Mr '61.

From dreams to reality. IU. Arbatov. Kommunist 38 no. 9:9-19 Je '61.

General and specific features of social development. M. Gil'man. Part. zhizn' Kazakh. 31 no. 5:37-43 My '61.

Guarding the peace. Znan. ta pratsia no. 5:1-2 My '61.

History of the working out of Marxist program of the CPSU. N. Gol'nev. Komm. Ukr. 36 no. 5:9-18 My '61.

An international conference devoted to the history of the communist movement. M. R. Donii. Ukr. ist. zhur. 4 no. 2:185-186 Mr-Ap '60.

Lenin is our banner. Uzbekistan 19 no. 4:2-3 Ap '60.

Leninism as the banner of our era. Komm. Bel. 34 no. 4:2-7 Ap '60.

Leninism is our victorious banner. Nar. asv. no. 4:7-12 Ap '61.

The "Magna Charta" of peace and progress. Obshchestv. nauki v Uz. no. 1:6-8 '61.

The march of history. Pozh. delo 7 no. 3:1-2 Mr '61.

Mehring, Franz. [K. Marx and F. Engels, the creators of scientific communism] K. Marks i F. Engel's - sozdateli nauchnogo kommunizma. Moskva, Gos. izd-vo polit. lit-ry, 1960. 232 p. (Biblioteka po nauchnomu sotsializmu)

Outstanding work on scientific communism (" 'Left-wing' communism, an infantile disorder" by V. I. Lenin. Reviewed by V. Rozin). Komm. Bel. 34 no. 4:55-60 Ap '60.

Preparing the collective work "Socialism and communism." Vop. ekon. no. 5 154 My '61

[Readings in Marxist-Leninist philosophy in two volumes] Khrestomatiia po marksistsko-leninskoi filosofii v dvukh tomakh. Moskva, Gos. izd-vo polit. lit-ry. Vol. 2. V. I. Lenin. 1961. 759 p.

A remarkable event of our time. Nar. asv. no. 1:3-8 Ja '61.

Russia (1923- U.S.S.R.) Upravlenie prepodavaniia obshchestvennykh nauk. [Economic problems of the transition from socialism to communism, materials of the interuniversity conference in Rostov-on-Don, October, 1959] Ekonomicheskie problemy perekhoda ot sotsializma k kommunizmu, materialy mezhvuzovskoi nauchnoi konferentsii, provedennoi v g. Rostove-na-Donu v oktiabre 1959 goda. Moskva, "Vysshaia shkola," 1960. 373 p.

Socialist competition as the economic principle of socialism. V. M. Guaev. Vest. Mosk. un. Ser. 8 Ekon., filos. 15 no. 1 3-21 '60.

Spiritual force of our time. F. N. Petrov. V mire knig 1 no. 1:3-4 Ja '61.

Spring of humanity. Sots. obesp. 22 no. 5,1-2 My '61

They are loyal to Lenin. Part. zhizn' Kazakh. 30 no. 4: 18-24 Ap '60.

Triumph of Leninist ideas. V. IA. Bobrov. Nauka i zhyttia 11 no. 4:1-4 Ap '61.

Using the materials of the Moscow Conference of the Representatives of Communist and Workers' Parties (November 1960) in studying the current history of foreign countries in secondary schools. D. Mel'tsar, IU. Suvorau. Nar. asv. no. 3:75-84 Mr '61.

Ways of the development of socialism into communism. IU. V. Todorskii. Prep. ist. v shkole 16 no. 3 9-21 My-Je '61

COMMUNISM—BIBLIOGRAPHY see Bibliography—Communism

COMMUNISM AND ART

Lenin on party ideology in literature and art. P. Mezentsev. Komm. Mold. 5 no. 4 63-70 Ap '60.

COMMUNISM AND LITERATURE

Lenin and the new horizons of world literature. I. Anisimov. Inostr. lit. no. 4:163-171 Ap '61

Lenin on party ideology in literature and art. P. Mezentsev. Komm. Mold. 5 no. 4:63-70 Ap '60.

The Party and problems of Soviet literature. G. A. Petisov. Uch. zap. Kish. un. 36 3-29 '59

Toward new achievements in the field of literature and the arts. N. S. Khrushchev. Komm. Ukr. 30 no. 6:3-14 Je '61.

COMMUNISM AND RELIGION

Fisher, E. G. [Communist morals and religious morals] Moral' kommunisticheskaia i moral' religioznaia. [Khabarovsk] Khabarovskoe knizhnoe izd-vo, 1960. 49 p.

COMMUNIST COUNTRIES—APPELLATE PROCEDURE

Appeal from court decisions according to the civil procedure codes of the people's democracies. S. V. Anosova, L. P. Smyshliaev. Vest. Mosk. un. Ser. 10 Pravo 15 no. 2:46-61 Ap-Je '60.

COMMUNIST COUNTRIES—ART

Vystavka proizvedenii izobrazitel'nogo iskusstva sotsialisticheskikh stran, Moscow, 1958. [Exhibition of works of the fine arts of socialist countries; catalog] Katalog. [Moskva, Izd-vo "Sovetskii khudozhnik," n.d.] 324 p.

COMMUNIST COUNTRIES—CAPITALISM

Special features of state capitalism in the transitory period from capitalism to socialism. M. K. Vasiunin. Vest. Mosk. un. Ser. 8 Ekon., filos. 15 no. 1 23-36 '60.

COMMUNIST COUNTRIES—COMMUNISM

Special features of state capitalism in the transitory period from capitalism to socialism. M. K. Vasiunin. Vest. Mosk. un. Ser. 8 Ekon., filos. 15 no. 2 23-36 '60.

COMMUNIST COUNTRIES—CONSTITUTIONAL LAW

Gudoshnikov, L. M., and others. [Constitutional law of the people's democracies] Gosudarstvennoe pravo stran narodnoi demokratii. Pod red. V. F. Kotoka. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 571 p.

A useful textbook ("Constitutional law of the people's democracies." Reviewed by A. Mitskevich, S. TSisanov). Sov. iust. no. 4, 63-64 Ap '60.

COMMUNIST COUNTRIES—DIVISION OF LABOR

Forms of the international division of labor in the camp of socialism. I. Oleinik. Vop. ekon. no 5, 65-75 My '61.

COMMUNIST COUNTRIES—ECONOMIC CONDITIONS

Achievements of the planned economies of the countries of the world socialist system in 1960. A. Nettsusev. Plan. khoz. 38 no. 6 74-82 Je '61

The course of the economic competition between the two systems. Mezhdunar. zhizn' 8 no. 6, 149-151 Je '61.

The victory of socialism in the whole world is inevitable; facts and figures. Komm. Mold. 6 no. 5 61-66 My '61

COMMUNIST COUNTRIES—FOREIGN ECONOMIC RELATIONS

Forms of the international division of labor in the camp of socialism. I. Oleinik. Vop. ekon. no. 5 65-75 My '61

COMMUNIST COUNTRIES—FOREIGN RELATIONS

Documents of the Conference of the Representatives of Communist and Workers' Parties on the further development of the Leninist theory of peaceful coexistence. R. R. Symonenko. Ukr. ist. zhur. 5 no. 3, 15-26 My-Je '61.

COMMUNIST COUNTRIES—RELATIONS (GENERAL) WITH RUSSIA

Striking features of great friendship ("Friends." Reviewed by M. Senin). Kommunist 38 no. 9:112-114 Je '61.

COMMUNIST COUNTRIES—SOCIALIST COMPETITION

Review of the trade-union press of socialist countries. Sov. profsoiuzy 17 no. 10:37-40 My '61.

COMMUNIST EDUCATION

(see also subdivision under Bashkiria, Dnepropetrovsk Province, Kazan; Leningrad; Murom)

Bring to the youth masses the ideas of communism with inspiration. Komsom. zhizn' no. 16:15-20 S '60.

Conference of directors of higher medical schools and of institutes for postgraduate medical training. D. A. Bassalyk, V. F. Matveev. Zdrav. Ros. Feder. 5 no. 5 43-45 My '61

The current problems of communist education. N. A. Alfov. Vop. filos. 15 no. 5 144-150 '61.

Diversify forms and methods. E. Sopin. Komsom. zhizn' no. 3:21-23 F '60

Ideological education of youth should contribute to the solution of new problems. G. Kovalenko. Mol. komm. no. 5, 46-52 My '61.

Let's improve the propaganda of pedagogical knowledge among the population. Sov. pedag. 25 no. 4-3-11 Ap '61

Measures for improving the selection and education of propagandists. Polit. samoobr. 5 no. 6, 3-7 Je '61.

More about the work of librarians. V. Malik. Polit. samoobr. 5 no. 5:108 My '61.

Political information in factory shops. T. M. Lukina. Prep. ist. v shkole 16 no. 3, 72-74 My-Je '61.

A school of masterful propaganda. V. Kuz'min. Polit. samoobr. 5 no. 6:104-106 My '61.

Seminar and meeting on pedagogical propaganda. T. Polozova. Sov. pedag. 25 no. 4 158-160 Ap '61

Socialist ideology and its role in the communist education of workers. V. A. Fomina. Vest. Mosk. un. Ser. 8 Ekon., filos. 15 no. 1 37-49 '60.

We should teach propagandists to take notes. IA. Il'iashenko. Polit. samoobr. 5 no. 5:107-108 My '61.

COMMUNIST ETHICS

Correlation of communist ethics and Soviet law. V. Tenenbaum. Polit. samoobr. 5 no. 6:32-39 Je '61.

Engst, Jaroslav. [Problems in scientific ethics. Translated from the Czech] Nekotorye problemy nauchnoi etiki. Moskva, Izd-vo inostr. lit-ry, 1960. 293 p.

Lenin on communist ethics. N. K. Krupskaia. Rab. i sial. 38 no. 4:2-3 Ap '60.

We advance toward the victory of communist labor. Blok. agit. [Ukr.] no 12:1-7 Ap '60.

Young scholars discuss recent cultural developments and the new way of life. Nar. tvoroch. ta etn. 4 no. 4, 146-147 O-D '60

COMMUNIST PARTIES

(see also subdivision under Europe, Eastern)

Attitude of communist and labor parties of capitalist countries toward cooperative societies. S. Semin. Sov. potreb. koop. 4 no. 4:22-26 Ap '60.

An international conference devoted to the history of the communist movement. M. R. Donii. Ukr. ist. zhur. 4 no. 2:185-186 Mr-Ap '60.

Lenin and the international communist movement. R. Engel'gardt. Komm. Mold. 5 no. 4:42-51 Ap '60.

A policy of the joint action of workers and all the democratic forced of the people. E. Osipov. Komm. Vooruzh. Sil. 1 no. 11:77-82 Je '61.

The struggle of Communist parties for the unity of workers and the joint action of all democratic forces [with summary in English, p. 173]. M. I. Mikhailov. Nov. i noveish. ist. no. 3:7-19 '61.

There is such a party. Nov. vrem. 19 no. 21:1-2 My '61.

COMMUNIST PARTIES—BIBLIOGRAPHY see Bibliography—Communist parties

COMMUNIST PARTIES—CONGRESSES

Materials of the Conference of Representatives of Communist and Labor Parties reflected in the subject catalog. S. K. Vilenskaia. Sov. bibl. no. 2:23-31 '61.

COMMUNIST PARTY see subdivision under Bulgaria; China, Czechoslovakia, Germany, East; Hungary; Italy; Japan; Kara, Turkey, Morocco; Portugal, Rumania, Spain, United States, Venezuela

COMMUNIST PARTY OF THE SOVIET UNION

(see also subdivision under Germany; Kazakhstan, Moldavia, White Russia)

An attempt to revive Menshevik conceptions [from "Marxism today," June 1960. "The Communist Party of the Soviet Union" [in English] by Leonard Schapiro. Reviewed by A. Rothstein]. Ist. SSSR 5 no. 3:184-187 My-Je '61

"For a thorough and creative interpretation of the role of the CPSU in the building of communism." Part. zhizn' no. 17 78 Je '61.

History of the statutes of the Communist Party of the Soviet Union. V. Z. Sirotiak. Ukr. ist. zhur. 5 no. 4: 4-11 My-Je '61

History of the working out of Marxist program of the CPSU. N. Gol'tsev. Komm. Ukr. 36 no. 5:9-16 My '61

How the Communist Party struggled for the development of the socialist revolution and the consolidation of Soviet rule, October 1917-1918. A. Iovlev. Komm. Vooruzh. Sil. 1 no. 17:80-85 Je '61.

Leningrad. Universitet. Kafedra istorii KPSS. [Course of lectures on the history of the Communist Party of the Soviet Union] Kurs lektsii po istorii Kommunisticheskoi partii Sovetskogo Soiuza. [Leningrad] Pt. 1. 1960. 258 p.

Loyalty to Leninism is the main source of CPSU strength. M. Kokorin. Komm. Mold. 5 no. 4, 12-18 Ap '60.

Our great party. I. Chelliapov. Mol. komm. no. 5 3-11 My '61

Party officials should at the same time be the organizers of the masses. M. IUshchenko. Komm. Ukr. 36 no. 5: 30-39 My '61.

The party's program. V mire knig 1 no. 4:3 Ap '61

Reminiscences about V. I. Lenin are an important source for studying the history of the CPSU. V. M. Maryla. Ukr. ist. zhur. 4 no. 2, 146-153 Mr-Ap '60

The rights of party organizations in schools and colleges. Part. zhizn' Kazakh. 31 no. 5 66-69 My '61.

The statutes of the CPSU. N. Lomakin. Part. zhizn' no. 11, 65-72 Je '61.

We should study the ideological work of the CPSU at the front more thoroughly ("The ideological work of the CPSU at the front, 1941-1945." Reviewed by I. Timoshchenko, P. Galachkin). Voen.-ist. zhur. 3 no. 6 93-99 Je '61.

We shouldn't publish such lectures ("Lectures on Lenin; a lecture course on the history of the CPSU in the post-revolutionary period" by A. G. Oganian. Reviewed by P. Kazanskii, S. Mamaev). Polit. samoobr. 5 no. 6, 120-122 Je '61.

COMMUNIST PARTY OF THE SOVIET UNION—BIBLIOGRAPHY see Bibliography—Communist Party of the Soviet Union

COMMUNIST PARTY OF THE SOVIET UNION—CONGRESSES

Great achievements. Sov. pech. no. 6:37 Je '61.

How the land decree originated. M. Fofanova. Novyi mir 36 no. 4:144-148 Ap '60.

Let us prepare for [illegible] v shkole no. 3:2-

Te- -

COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
(see also subdivision under Balkhash; Gorkiy; Kaliningrad Province, Kaluga Province, Kazakhstan, Kharkov, Koren, North, Kovrov, Kuybyshev, Leningrad, Mary Province, Moldavia; Monchegorsk; Moscow; Moscow Province, Odessa, Oesko District; Orenburg Province; Stalingrad; Stalino Province, Sumgait, Tambov, Ukhta, White Russia)
Among books. G. Monastyrenko. Sov. profsoiuzy 17 no. 11 47 Je '61.
Answering our readers' questions. Part. zhizn' no 12:70-71 Je '61.
Answering the questions is an important part of lecturers' work. G. Ryhakov. Polit. samoobr. 5 no 6 100-101 Je '61.
Closer to life. G. Ienova. Polit. samoobr. 5 no. 5:99-100 My '61.
For militant mass political work. Part. zhizn' no. 12:3-7 Je '61
The grains of instructive experience ("For militant and effective propaganda" Reviewed by G. Barikov). Part. zhizn' Kazakh. 31 no 5.74-77 My '61.
He did not visit the party organization. A. Prosolupov. Part. zhizn' no. 12 47 Je '61
A high-principled educator and organizer. I. Shul'ga. Komm. Mold. 6 no. 5:45-50 My '61.
An important event in the life of party organizations. Part. zhizn' no. 13 3-8 Jl '61.
It would be good to let the audience discuss the lecture. V. Leutin. Polit. samoobr. 5 no 6 104 Je '61.
It's better when a lecturer compares his figures with other statistical data A. Dolotov. Polit samoobr 5 no. 6 101 Je '61.
The lecture was very convincing. N. Tornovskii Polit. samoobr. 5 no. 6:103 Je '61
Let's intensify our political work. IA. Aleksandrov. Polit. samoobr. 5 no. 6,82-86 Je '61.
Make better use of progressive experience in educational work. V. Stepakov Part. zhizn' no 13 9-15 Jl '61
The management of party records is an important part of organizational work. V. Zasorin. Part. zhizn' no. 12:64-69 Je '61.
Mass forms of economic education M Belenov Vop. ekon no. 5 116-119 My '61
Measures for improving the selection and education of propagandists. Polit. samoobr. 5 no. 5:3-7 Je '61.
More attention to current policy study groups. P. Morozov. Polit. samoobr. 5 no. 5:93-96 My '61.
More attention to inexperienced propagandists. O. Kuznetsova. Polit. samoobr. 5 no. 5:101 My '61.
New forms of party work. G. Shitarev. Part. zhizn' no. 11 8-16 Je '61.
Our clubs of political education should become the centers of party propaganda. Polit. samoobr. 5 no. 5:89-93 My '61.
Our suggestions. V. IAnvarev, N. Chepel'. Polit. samoobr. 5 no. 5:103-104 My '61.
Our work with propagandists should contribute to the solution of new problems. Polit. samoobr 5 no. 6: 74-82 Je '61.
Our workers wouldn't attend a dull lecture. A. Danilov. Polit. samoobr. 5 no. 6:101-103 Je '61.
Party groups in the fattening yards of collective farms. V. Simankov. Part. zhizn' no. 11 42-45 Je '61.
Party inspectors at work. P. Peshnin. Part. zhizn' Kazakh. 31 no. 5-54-57 My '61.
Party news. Part. zhizn' no. 11:79-80 Je '61.
Party news. Part. zhizn' no. 12:79-80 Je '61.
Party news. Part. zhizn' no. 13:78-80 Jl '61.
Practices of the best enterprises shown on television. A. Omel'chenko. Sov. radio i tel. 8 no. 4:11 '59.
Prompted by experience. A. Kuklin. Polit. samoobr. 5 no. 5:97-99 My '61.
Questionable and real help. G. Kokin. Polit. samoobr. 5 no. 6:99-100 Je '61.
Should we prepare a report card for each party member? P. Panov. Part. zhizn' Kazakh. 31 no. 5 65-66 My '61.
Some remarks about meetings and conferences. N. Filon. Part. zhizn' no. 12:38-39 Je '61.
Staffed with nonsalaried personnel. Polit. samoobr. 5 no. 6,92-96 Je '61.
They meet at the time of work. V. Gushchin. Part. zhizn' no. 12:47 Je '61.
Toward the further development of party propaganda. Polit. samoobr 5 no. 5:82-88 My '61.
A useful book ("Problems of the development of the party; collected articles," Reviewed by A. Savenko. Part. zhizn' no. 12:75-77 Je '61.
Volodin, V. I. [Political school and organization of its work] Politshkola i organizatsiia ee raboty. Moskva, Gos. izd-vo polit. lit-ry, 1961. 62 p. (Bibliotechka propagandista, no. 2)
We should know the methods of lecturing. G. Makin. Polit. samoobr. 5 no. 6:98-99 Je '61.
We should lend assistance to rural party organizations. Part. zhizn' no. 12:72-74 Je '61.
Zhilin, P. I. [They inform the masses about the decisions of the party; notes about the training of propagandists] Oni nesut slovo partii v massy; zametki o rabote s agitatorami. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 61 p. (Bibliotechka sel'skogo partiinogo rabotnika)

COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK—BIBLIOGRAPHY see Bibliography—Communist Party of the Soviet Union—Party work

COMMUNIST REVISIONISM
Lenin's critique of revisionism and its significance in the struggle against present-day revisionism. D. Ursul. Komm. Mold. 5 no. 4 52-62 Ap '60.
Marxism-Leninism in the struggle against revisionist trends in aesthetics D F Kozlov Uch zap. MGPI 161 266-295 '61

COMMUNIST SELF-CRITICISM
On the attitude toward criticism. Part. zhizn' no. 11:50-54 Je '61.

COMMUNIST STATE
Brief news. Rad. pravo no. 3:150-152 My-Je '61.

COMMUNIST YOUTH see subdivision under France

COMMUNIST YOUTH LEAGUE
(see also subdivision under Azerbaijan, Dnepropetrovsk; Kazakhstan, Krasnodar Territory; Latvia; Leningrad Province, Moscow, Novosibirsk Province, Ukraine, Ul'yanovsk Province; Yaroslavl Province)
Accelerated tempo for urgent construction Komsom zhizn' no 10 1-4 My '61
Achievements of Saratov poultry breeders. I. German. Komsom. zhizn' no. 17:15-18 S '60.
Annals of the labor achievements of the Communist Youth League in the seven-year plan Komsom. zhizn' no 9 2-4 My '61.
Answering our youth's questions. Mol komm. no 5 54-59 My '61.
Ask, we answer. Komsom. zhizn' no. 17:31 S '60.
Attack on drought. D. Magomedov, R. Ivanova. Komsom. zhizn' no. 5.1-4 Mr '60.
Beacon lights and indifferent shadows. A. Kurganov. Komm Vooruzh. Sil. 1 no. 11:64-68 Je '61.
Brief news. Komsom. zhizn' no. 18:30-31 S '60.
Communist Youth League brigades on difficult traffic sections. IU. Staroverov. Avt. transp. 39 no. 5:58 My '61.
Communist Youth League members bring books to the people M. Kas'ianenko. Sov. knizh torg 13 no. 4 10 Ap '61
A conference of the officials of the Communist Youth League in the Armed Forces. Komm. Vooruzh Sil. 1 no. 11 3-8 Je '61.
Employ all our forces in the seven-year plan. Komsom. zhizn' no. 15/16 26-38 Ag '60.
Following important events. E. TSvetkov. Komsom. zhizn' no. 15/16 53-54 Ag '60
Historical session. Komsom. zhizn' no. 3:1-2 F '60.
How to manage the records of the Communist Youth League. Komm. Vooruzh. Sil 1 no. 12:66-68 Je '61.
If they criticize your work. M Voskresenskaia Mol komm. no 5 77-80 My '61
In the notebooks of propagandists. Mol. komm. no. 5 53 My '61
Increasing the role of Communist Youth League organizations in the effort to eliminate breaches of public order; from a decision of the Seventh Plenum of the Central Committee of the Communist Youth League. Komsom. zhizn' no. 4 22-30 F '60.
Information report on the plenum of the Central Committee of the Communist Youth League Komsom. zhizn' no. 15/16 1-2 Ag '60.
Information report on the plenum of the Communist Youth League. Komsom. zhizn' no. 4:1-2 F '60.
Letters to the editor. Komsom. zhizn' no. 9:30-31 My '61.
Letters to the editor. Komsom. zhizn' no 10.26-28 My '61
Letters to the editor. Komsom. zhizn' no. 11:24-31 Je '61.
"A manual for the organizers of Communist Youth League groups in squads." Komm. Vooruzh. Sil. 1 no. 11:90 Je '61
Maturing through work. N. F. Rubtsov. Vest. vys. shkoly 19 no. 5:86-89 My '61
News from Kazakhstan fields. Komsom. zhizn' no. 17: 14-15 S '60.
A 150 and one. P. Kapitonov. Komsom. zhizn' no. 15/16 57-60 Ag '60.
Our readers continue their discussion. Mol. komm. no. 5 85-86 My '61
Participation of Communist Youth League organizations in carrying out decisions of the December Plenum of the Central Committee of the CPSU; an account of S. P. Pavlov's report. Komsom. zhizn' no. 4:3-9 F '60.
Participation of Communist Youth League organizations in carrying out decisions of the December (1959) Plenum of the Central Committee of the CPSU "On the further development of agriculture"; decision of the Seventh Plenum of the Central Committee of the Communist Youth League. Komsom. zhizn' no. 4:10-21 F '60.
Procedure in the examination of cases concerning the contravention of discipline by the members of the Communist Youth League. Komm. Vooruzh. Sil. 1 no. 11:85-87 Je '61.
Role of the Communist Youth League in the complete collectivization of agriculture, 1930-1932 V. B Ostrovskii Uch zap SGU 66:3-37 '58
The "secret" of success. V. Golovanov. Komsom. zhizn' no. 5 4-6 Mr '60.
Tasks of the Communist Youth League in organizing the leisure of youth, from a decision of the Eighth Plenum of the Central Committee of the Communist Youth League. Komsom zhizn' no 15/16 15-25 Ag '60
Under the banner of the Lenin Communist Youth League. V. Shipunov. Komsom zhizn' no 15/16 47-51 Ag '60.
Urgent task before all Communist Youth League members. Komsom. zhizn' no. 9:5-7 My '61
Warmth of the Communist Youth League spirit. Komsom. zhizn' no. 18:24-26 S '60.
We should clearly see our principal objective V. Anokhin. Komm. Vooruzh Sil. 1 no 11 61-64 Je '61.
What materials should be included in the archives of Communist Youth League committees. Komsom. zhizn' no. 3,29-30 F '60.
With sailors of Sovetskaya Gavan' T. Gorbunov. Komsom. zhizn' no 15/16 55-57 Ag '60.
Work of Communist Youth League organizations in connection with the decisions of the July Plenum of the Central Committee of the CPSU, "On progress in carrying out the decisions of the 21st Congress of the CPSU on the development of industry, transportation, and the introduction of the newest achievements of science and technology into production. Decisions of the 8th Plenum of the Central Committee of the Communist Youth League. Komsom zhizn' no 15/16 3-11 Ag '60.
Your personal gift to the party congress. Komsom. zhizn' no. 11:1-4 Je '61.

COMMUNIST YOUTH LEAGUE—MEMBERSHIP
(see also subdivision under Yaroslavskaya District)
Procedure for certifying Communist Youth League documents. Komsom zhizn' no. 3:30-31 F '60.

COMMUNISTS
(see also subdivision under Kazakhstan; United States)
Fierov, V. S., ed. [Fighters for the Soviet regime] Bortsy za vlast' Sovetov. [Tomsk] Tomskoe knizhnoe izd-vo, 1959. 1 v. (NNC)

COMMUNISTS IN LITERATURE
Portrayal of communists of the 1950's in Soviet Russian prose. L. M. Nelzvestnykh. Uch. zap. Kish. gos. ped. inst. 12:71-84 '59.

COMMUNITY AND SCHOOL
(see also subdivision under Slavgorod District; Stavropol Territory)
Good initiative and useful deeds. Nar. obr. no. 5:27-35 My '61
Let's strengthen the contact of boarding schools with the community. K. Mel'nikova Nar. obr. no. 5:61-63 My '61.
Patrons, friends, and relatives. A Chigintseva. Det. dom 16 no. 1 40-47 '60.
The role of parents' organizations in the history of Soviet schools. Z. N. Panchenko. Uch. zap. Lip. gos. ped. inst. 2:182-207 '58.
The Soviet community and the school Sov pedag. 25 no 5 9-16 My '61

COMMUNITY CENTERS
(see also subdivision under Chirchik; Kiev-Svyatoshino District; Mikhaylovka District, Stalingrad Province, Saratov; Vashkovtsy District; Zhitomir Province)
Curtains for rural clubs. N. Medianyk, L. Zhohol'. Sots. kul't. 14 no. 5:31-32 My '61.
Effective forms of educational work. I. Tiutikov. Komsom. zhizn' no. 9:22-24 My '61.
On the way to the beautiful. K. Akhtyrskii. Smena 38 no. 7:19-20 Ap '61.

COMMUNITY CENTERS, MOBILE see subdivision under Berezovka District

COMPASS
Instruments for athletes on hikes. E. V. Izop. Teor. i prak. fiz. kul't. 24 no. 3:220-220 '61.
Magnetic and gyroscopic course-line indicating systems on airplanes in Antarctica. R. V. Robinson. Inform. biul. Sov. antark. ekap. no. 25:50-53 '61.

COMPETITION, INTERNATIONAL
The Anglo-American struggle for markets. O. Bogdanov. Mir. ekon. i mezhdunar. otn. no. 6:131-138 Je '61.
The basic economic problem of the U. S. S. R. and how we can solve it. V. V. Slesarev. Trudy MINKHiGP no. 30: 3-28 '59.

COMPLEMENT FIXATION
Significance of the complement fixation reaction in clinical cutaneous tuberculosis. I. N. Agapkin, T. A Lutsenko. Vest derm. i ven. 35 no. 4:44-47 Ap '61.

COMPLEMENTS (IMMUNITY)

Age differences in the antigenic properties of the skin [with summary in English]. K. M. Akylbekov, I. I. Khvorostukhin. Biul. eksp. biol i med. 51 no. 1 94-96 Ja '61.

Dynamics of change in the titer of complement in guinea pigs in anaphylactic shock and in conditions of shock inhibition with dimedrol [with summary in English]. V. K. Kozlov, Z. S. Kalashnikova. Biul. eksp. biol. i med. 51 no. 1 68-70 Ja '61.

COMPLEX COMPOUNDS

Deficiency of several trace elements in soils rich in lime. L. K. Ostrovskaia, G. M. Lakovenko, M. S. Gamalinova. Trudy Biogeokhim. lab. no. 11:92-101 '60.

Diphenylethylene complexes with tin tetrachloride and organotin chlorides. I. P. Gol'dshtein and others. Dokl. AN SSSR 138 no. 4 839-842 Je '61.

Method of determining the composition of an extracted complex. A. V. Nikolaev, M. P. Mikhailova. Dokl. AN SSSR 136 no. 5,1102-1103 F '61.

Special features of the formation of complex compounds with cycle-forming substituents. Kh. I. Gil'dengershel'. Dokl. AN SSSR 138 no. 2,368-372 My '61.

Stability of acid chloride complexes in the elements of the fourth periodic group. I. K. T'Sitovich. Dokl. AN SSSR 136 no. 1:114-116 Ja '61.

Types of active complexes and their role in homogeneous catalysis. IA. K. Syrkin. Probl. kin. i kat. 10 225-239 '60.

COMPLEX IONS

Determination of the charge of polynuclear, complex ruthenium ions by means of ion exchange. A. A. Grinberg, A. M. Trofimov, L. N. Stepanova. Radiokhimiia 2 no. 1:78-82 '60.

Effect of organic complexing agents on the oxidation-reduction potential of the V^{4+}/V^{3+} system [with summary in English]. I. A. TSerkovnitskaia, L. D. Prudnikov, N. A. Kustova. Vest. LGU 16 no. 10 133-136 '61.

COMPLEXES

Nonholonomic W congruities. R. N. Shcherbakov. Dokl. AN SSSR 138 no. 1:802-804 Je '61.

COMPOSERS, UKRAINIAN

Keys to human hearts. Ivan Kuten'. Sots. kul't. 14 no. 5 23 My '61.

COMPOUND E see Cortisone

COMPRESSED AIR

Determining the leakage of compressed air in air pipes. A. A. Saprykin. Ugol' 36 no. 3 26-27 Mr '61.

COMPRESSED WOOD see Wood, Compressed

COMPRESSIBILITY

Sound velocity and the compressibility of aqueous solutions of pyridine [with summary in English]. Fen Zhou [Fêng Jou]. Vest. LGU 16 no. 10:64-69 '61.

COMPRESSORS

Direct-flow valves for piston compressors. M. I. Frenkel'. Khim. mash. no. 3:4-8 My-Je '60.

Hydraulic clutch for compressors. A. A. Trokhin. Khim. mash. no. 3:43 My-Je '60.

Mechanical losses in rotary compressors without discharge rings. A. D. Suslov. Khim. mash. no. 3 18-22 My-Je '60.

Movable compressor device with a larger tank. Transp. stroi. 11 no. 4 53 Ap '61.

Some problems in planning mine compressor stations. IU. A. Tseitlin. Izv. vys. ucheb. zav.; gor. zhur. no. 9: 148-150 '59.

COMPRESSORS—DESIGN AND CONSTRUCTION

Galitskii, B. A., and B. I. Beliakov. [Technological processes in the manufacture of compressors] Tekhnologiia kompressorostroeniia. Izd. 3., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961, 525 p.

COMPTON EFFECT

Theory of the Compton effect. G. G. Arushanov. Izv. AN Uz. SSR, Ser. fiz.-mat. nauk no. 2, 88-89 '61.

CONCERTS see subdivision under Moscow; Ukraine

CONCRETE

Abrasion-resistance of heat resistant concrete a high temperatures. A. F. Milovanov, V. S. Zyrianov. Ogneupory 26 no. 5:234-237 '60.

Effect of carbonation of some properties of autoclaved concretes. E. S. Sitaenkov, G. V. Tikhomirov. Stroi. mat. 7 no. 4:30-33 Ap '61.

Electrochemical behavior of steel in concrete. V. S. Artamonov. Zhur. prikl. khim. 33 no. 10:2311-2319 O '60.

Fine concretes for rolled structures. IU. A. Solomentsev. Bet. i zhel.-bet. no. 5:226-227 My '60.

Gluing concrete and reinforced concrete articles with epoxy resins. F. M. Ivanov, IA. N. Novikov. Avt. dor. 24 no. 3:22-23 Mr '61.

Influence of age on the principal characteristics of hydraulic concretes. V. V. Stol'nikov, A. S. Gubar', V. B. Sudakov. Izv. VNIIG 64:55-65 '60.

Inverted filters of porous concrete for bore holes and drains. G. Kh. Pravednii. Izv. VNIIG 64:143-157 '60.

Problems of hydraulic concrete at the Sixth International Congress on Large Dams in New York, and the construction of dams on the Missouri River. V. V. Stol'nikov. Izv. VNIIG 64:41-72 '60.

Some capillarity problems in concrete. V. N. Zhilenkov. Izv. VNIIG 64:257-262 '60.

Some problems in establishing norms for the strength of concrete. K. L. Tal'. Bet. i zhel.-bet. no. 3 126-129 Mr '61.

Stiff concrete mixes for the interior areas of hydraulic structures. V. V. Stol'nikov, TS. G. Ginzburg, R. E. Litvinova. Izv. VNIIG 63,73-83 '60.

Theory of the processes involved in the autoclave hardening of concretes. P. P. Chebota. Zhur. prikl. khim. 34 no. 3 685-687 Mr '61.

Thermal resistance of ordinary, heavy, and hydrated concretes. A. N. Komarovskii. Bet. i zhel.-bet. no. 5:215-220 My '60.

Use of refractory and heat-resistant concrete in industry. K. D. Nekrasov, G. D. Silmanov. Ogneupory 25 no. 5:210-221 '60.

Water saturation and influence of the water-cement ratio on the strength of concrete. K. A. Mal'tsev, I. B. Sokolov, A. M. Arkhipov. Izv. VNIIG 64:65-100 '60.

CONCRETE—BIBLIOGRAPHY see Bibliography—Concrete

CONCRETE—COLORING

Water emulsified perchlorovinyl color compounds for reinforced concrete and other panels. A. S. Leikin, IU. A. Purinson. Stroi. mat. 7 no. 4:18-19 Ap '61.

CONCRETE—CORROSION

Evaluating the corrosive effect of sulfate-containing soils on concretes. Soltes Gaspar. Bet. i zhel.-bet. no. 5:234-236 My '60.

CONCRETE—CURING

Potentials for economizing on cement in construction. G. Zelnov. Stroitel' no. 4, 30 Ap '61.

CONCRETE—TESTING

Devices for controlling the quality of concrete and reinforced concrete elements. T. A. Filina. Bet. i zhel.-bet. no. 3:111-118 Mr '61.

Devices for controlling the quality of concrete, reinforced concrete, and mesh-reinforced concrete. M. Filina. Stroitel' no. 4 22-24 Ap '61.

Strength and deformation of dry and water-saturated concrete. V. G. Volkov. Avt. dor. 24 no. 1 19-21 Ap '61.

CONCRETE—TRANSPORTATION

New machines. Stroi. i dor. mash. 6 no. 2:30-31 F '61.

CONCRETE, PRECAST see Precast concrete

CONCRETE BRIDGES see Bridges, Concrete

CONCRETE COATING

Progressive large-panel elements for housing construction. L. A. Konstantinova. Bet. i zhel.-bet. no. 3 110-111 Mr '61.

CONCRETE CONSTRUCTION

Determination of interval between expansion joints in concrete dams. P. I. Vasiliev. Izv. VNIIG 64:33-54 '60.

Laboratory and field tests of the use of clay-cement solutions in the construction of a hydroelectric power station on the Ufa River. L. N. Ratonian, A. N. Adamovich. Izv. VNIIG 64:231-241 '60.

Shortening the time before removing forms in casting a solid concrete tunnel lining. A. V. Satalkin. Bet. i zhel.-bet. no. 3:129-132 Mr '61.

Using radioactive isotopes in controlling the quality of laid concrete. V. A. Volokhov, IU. D. Markov. Prom. stroi. 38 no. 5 47-50 '60.

CONCRETE CONSTRUCTION—FORMWORK

Chalk instead of machine oil for lubricating molds. Sel'. stroi. 15 no. 3:26 Mr '61.

CONCRETE PAVEMENTS see Pavements, Concrete

CONCRETE PIPE see Pipe, Concrete

CONCRETE PLANTS

Sets of equipment for pneumatic transportation of concrete batches in plants which produce large slabs for housing construction. N. N. Davydov. Stroi. i dor. mash. 6 no. 2:23-26 F '61.

Using vibrating pans in the mechanization of asphalt and cement concrete plants. P. K. Simonenko. Avt. dor. 24 no. 3:25-26 Mr '61.

CONCRETE PRODUCTS

Making reinforced concrete tubular elements by inserting the vibrating core. V. K. Miurberg, G. K. Zizenberg. Bet. i zhel.-bet. no. 5:202-206 My '60.

CONCRETE REINFORCEMENT

Anchoring high-strength wire bundles in prestressed concrete construction. E. V. Shilov. Trudy NIIZHB no. 16,35-64 '60.

Centralized production of reinforcements for concrete construction elements at local plants. L. G. Sovalov, S. S. Levi. Prom. stroi. 38 no. 5 37-41 '60.

A study of the adherence of reinforcement in its channels in prestressed concrete elements. N. G. Markov. Trudy NIIZHB no. 16:5-34 '60.

CONCRETE REINFORCEMENT—WELDING

Brodskii, A. IA. [Welding of reinforcements for reinforced-concrete constructions] Svarka armatury zhelezobetonnykh konstruktsii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 378 p.

CONCRETE ROADS see Roads, Concrete

CONCRETE ROOFING see also subdivision 'Roofing, Concrete' under Frame

CONCRETE SLABS

"City streets made of precast reinforced concrete." Zhil.-kom. khoz. 11 no. 2 30-31 F '61.

Large-panel reinforced-concrete slabs. A. A. Svetov, V. G. Kramar', V. S. Vallukov. Standartizatsiia 25 no. 5:53-55 My '61.

My suggestions. A. Pivanov. Stroitel' no. 1 35, 4 of cover Ap '61.

Precast folded-panel arch. A. I. Rabinovich. Bet. i zhel.-bet. no. 3,119-125 Mr '61.

Progressive large-panel elements for housing construction. L. A. Konstantinova. Bet. i zhel.-bet. no. 3, 110-111 Mr '61.

CONCRETE SLABS—TESTING

Studying the performance of eccentrically stretched reinforced concrete slabs. L. P. Zhdakhin. Trudy Ural. politekh. inst. no. 99 150-162 '60.

CONCRETE WALLS

State standard for gypsum concrete panels for partitions. Zhil. stroi. no. 1 11 Ap '61.

CONDENSATE OIL WELLS

(see also subdivision under Karadag region)

Design of beams of high pressure gas condensate wells. R. A. Ramazanov, A. M. Bel'tsova. Gaz. prom. 6 no. 5 6-8 My '61.

CONDENSATION

Capillary condensation of vapors in highly dispersed systems. Report No. 1: Capillary condensation in systems consisting of large numbers of particles in contact. I. V. Radushkevich. Izv. AN SSSR Otd. khim. nauk no. 5:750-762 My '61.

CONDENSERS (ELECTRICITY) see Electric capacitors

CONDENSERS (VAPORS AND GASES)

Design of countercurrent mixing condensers with overflow weirs. I. A. Trub. Khim. mash. no. 3:20-21 My-Je '61.

CONDITIONED RESPONSE

Achievements of modern neurophysiology and their importance in dealing with problems of the higher nervous activity. P. K. Anokhin. Vest. AMN SSSR 14 no. 5:40-45 '59.

Activity of the gastric glands in certain disorders of the higher nervous activity [with summary in English]. V. M. Frolov. Pat. fiziol. i eksp. terap. 4 no. 2 62-65 Mr-Ap '60.

Apparatus for reflex treatment of bad habits in children. B. Botanov, L. Dekova. Stomatologiia 19 no. 2 65-68 Mr-Ap '61.

Are delayed reactions trace conditioned reflexes? [with summary in English]. IU. Konorskii. Fiziol. zhur. 10 no. 2:244-246 F '60.

Basic specific neural processes in preschool children [with summary in English]. I. O. Maier. Zhur. vys. nerv. deiat. 11 no. 1,82-90 Ja-F '61.

Chamber for the production of conditioned defense reflexes in small laboratory animals. K. V. Lebedev. Zhur. vys. nerv. deiat. 11 no. 1:190-192 Ja-F '61.

Changes in the higher nervous activity in dogs after the excision of all vascular plexuses of the brain [with summary in English]. N. S. Velzhina. Zhur. vys. nerv. deiat. 11 no. 1:142-150 Ja-F '61.

Changes in the higher nervous activity of rats following hypophysectomy. V. M. Ivanov. Zhur. vys. nerv. deiat. 11 no. 1 190-195 Ja-F '61.

Changes in the protein-lipoid composition of the blood serum in rabbits under strained conditioned-reflex activity. P. S. Khomulo. Pat. fiziol. i eksp. terap. 4 no. 4:67-74 Jl-Ag '60.

Characteristics of conditioned neurological processes in neurasthenia [with summary in English]. Z. V. Belinova. Zhur. vys. nerv. deiat. 11 no. 1:31-36 Ja-F '61.

Characteristics of vascular conditioned reflexes in children over 2 years of age [with summary in English]. R. V. Tonkova-Yampol'skaia. Zhur. vys. nerv. deiat. 11 no. 1,87-91 Ja-F '61.

CONDITIONED RESPONSE (Continued)
Comparative characteristics of trace food and defense conditioned reflexes in dogs during ontogenesis [with summary in English] N. M. Vavilova, G. A. Ohnartsova. Zhur. vys. nerv. deiat. 11 no. 1 112-118 Ja-F '61
Comparative study of the action of suggestion made during a state of alertness and during hypnosis [with summary in English]. L. L. Korotkin, M. M. Sustova. Zhur. vys. nerv. deiat. 10 no. 2, 173-179 Mr-Ap '60.
Conditioned reflex activity in dogs before and after bilateral removal of the parietal cortex [with summary in English] S. A. Babaian Biul. eksp. biol. i med. 51 no. 2 9-13 F '61.
Conditioned reflex changes in human blood pressure in response to the temporary stimulus of muscular work A. S. Dmitriev, R. IA. Shikhova Nauch. dokl. vys. shkoly, biol. nauki no. 2 93-97 '61
Conditioned reflex insulin hypoglycemia [with summary in English]. S. V. Zakharov. Zhur. vys. nerv. deiat. 10 no. 2:280-284 Mr-Ap '60.
Constant nature of conditioned respiratory reflex manifestations and consideration of its significance in the evaluation of cortical dynamics in man [with summary in English]. Z. I. Birlukova. Biul. eksp. biol. i med. 50 no. 7 13-17 Jl '60.
Data on the characteristics of conditioned reflexes to the cessation of exteroceptive stimulation [with summary in English]. A. I. Ivanov. Zhur. vys. nerv. deiat. 10 no. 2:241-245 Mr-Ap '60.
Development of a system as the basis for the process of generalization [with summary in English]. M. M. Kol'tsova. Zhur. vys. nerv. deiat. 10 no. 2:167-172 Mr-Ap '60.
Differentiation of homogenous acoustical and chemical stimuli, differing according to the side of the action [with summary in English]. I. A. Lapina. Zhur. vys. nerv. deiat. 10 no. 2:256-261 Mr-Ap '60.
Disorders in the analysis of synthesis of complex stimuli in patients with involutional depression [with summary in English]. E. A. Kostankov. Zhur. vys. nerv. deiat. 10 no. 2:189-194 Mr-Ap '60.
Disorders of the higher nervous activity in rats under conditions of acute artificial pneumothorax V. D. Vinogradova Pat. fiziol. i eksp. terap. 4 no. 2 68 Mr-Ap '60
Dynamics of general and local changes in the electroencephalogram in the elaboration of conditioned motor reflexes in man [with summary in English]. Tsiui Chzhi-pin, [Chü Chih-p'ing]. Biul. eksp. biol. i med. 49 no. 2: 8-14 F '60.
Effect of a dynamic stereotype of conditioned food reflexes and neurotic conditions on cardiac rhythm in normal and distorted cardiac activity [with summary in English]. B. M. Fedorov. Biul. eksp. biol. i med. 51 no. 3 37-42 Mr '61.
Effect of barbiturates on the higher nervous activity in rabbits during hypnosis [with summary in English]. G. I. TSobkallo, M. K. Kalinina. Zhur. vys. nerv. deiat. 11 no. 1, 157-164 Ja-F '61.
Effect of caffeine and bromine on the process of conditioned reflex generalization in puppies [with summary in English]. M. P. Klitavina. Zhur. vys. nerv. deiat. 10 no. 2:274-279 Mr-Ap '60.
Effect of ethaperazine on conditioned reflexes in rats [with summary in English]. Che Si-pin [Ch'e Hsi-ping]. Farm. i toks. 24 no. 1:13-18 Ja-F '61.
Effect of muscular work on the restoration of conditioned reflex activity in dogs [with summary in English]. I. N. Cherniakov. Zhur. vys. nerv. deiat. 10 no. 2:231-235 Mr-Ap '60.
Effect of overexertion of the process of differential inhibition on the regeneration of skeletal muscle in white rats [with summary in English]. N. E. Kovaleva. Biul. eksp. biol. i med. 51 no. 2:103-107 F '61.
Effect of para-aminobenzoic acid on the higher nervous activity in dogs [with summary in English]. T. M. Kucherenko. Zhur. vys. nerv. deiat. 11 no. 1:127-132 Ja-F '61.
Effect of radial acceleration on motor conditioned reflexes [with summary in English]. V. V. Usachev. Zhur. vys. nerv. deiat. 11 no. 1 22-29 Ja-F '61.
Effect of serum sensitization on conditioned secretory food reflexes in dogs [with summary in English]. Kh. M. Markov. Zhur. vys. nerv. deiat. 10 no. 2:236-240 Mr-Ap '60.
Extinction and differentiation of conditioned reflexes induced against a background of unconditioned stimulation; analysis of the mechanism of appearance and localization of internal inhibition during retrograde conditioning [with summary in English]. B. I. Khodorov. Biul. eksp. biol. i med. 50 no. 7:7-12 Jl '60.
Extinction of orientation reactions [with summary in English]. E. N. Sokolov, N. P. Paramonova. Zhur. vys. nerv. deiat. 11 no. 1:3-11 Ja-F '61.
Formation and development of conditioned defensive reflexes in the young of lower monkeys [with summary in English]. E. G. Zolenkova, G. M. Nikitina. Zhur. vys. nerv. deiat. 10 no. 2:207-216 Mr-Ap '60.
Formation of "tuning" conditioned reflexes in man [with summary in English]. N. I. Gavrilova. Zhur. vys. nerv. deiat. 10 no. 2:195-199 Mr-Ap '60.
Functional demarcations in the motor analyzer. M. A. Pankratov. Zhur. vys. nerv. deiat. 11 no. 1:106-111 Ja-F '61.
Improvement in the radiomethod for the measurement of reflexes [with summary in English]. O. IA. Bolsei, M. I. Klevtsov. Biul. eksp. biol. i med. 51 no. 2 111-113 F '61.
Initial phase of excitation in absolute differentiation and the amount of free ammonia in the cerebral hemispheres of rats [with summary in English] E. A. Vladimirova Biul. eksp. biol. i med. 51 no. 2 42-45 F '61.
Interaction between the leukocyte and motor reactions and respiration in the elaboration, extinction, and sudden inhibition of the defense reflex V. V. Suchkov Fiziol. zhur. 47 no. 2 196-204 F '61
Interrelationship of various vascular reflexes in puppies. R. R. Ovakimian Fiziol. zhur. 47 no. 2:205-209 F '61
Investigations on the vascular component of orientation reflexes in patients with schizophrenia [with summary in English]. N. N. Stanishevskaia. Zhur. vys. nerv. deiat. 11 no. 1 50-55 Ja-F '61.
Mechanism of formation of temporary connections in man [with summary in English] Z. I. Birlukova Fiziol. zhur. 46 no. 2 148-155 F '60
Method for the production of local defense motor reflexes in white rats. N. IU. Alekseenko, U. G. Gasanov. Zhur. vys. nerv. deiat. 11 no. 1:186-189 Ja-F '61
Reflection in the electroencephalogram of the inhibitory effect of the second signal system on the final motor effect [with summary in English]. O. M. Grindel', B. G. Spirin. Zhur. vys. nerv. deiat. 10 no. 2:180-188 Mr-Ap '60.
Relationship between inhibition and excitation processes in complex motor conditioned reflex activities [with summary in English]. L. G. Voronin, K. A. Iordania. Zhur. vys. nerv. deiat. 11 no. 1:99-105 Ja-F '61.
Relationship between vegetative and somatic components in the development of defense conditioned reflexes in premature infants [with summary in English] R. I. Polikanina. Zhur. vys. nerv. deiat. 11 no. 1:71-80 Ja-F '61.
Role of temporary connections in association types in the development of systems [with summary in English] M. M. Kol'tsova Zhur. vys. nerv. deiat. 11 no. 1, 56-59 Ja-F '61
Significance of the efferent nerves of the thyroid gland for its function [with summary in English]. M. G. Amiragova. Biul. eksp. biol. i med. 50 no. 10, 3-7 O '60.
Signs of the cortical switch-over of autonomic reactions in man [with summary in English]. IU. I. Dan'ko. Zhur. vys. nerv. deiat. 11 no. 1:37-45 Ja-F '61.
Some data on the effect of eserine on the cerebral cortex of white rats. Report No. 1: Effect of eserine on conditioned reflex activity [with summary in English]. E. N. Popova. Biul. eksp. biol. i med. 51 no. 2, 72-78 F '61.
Special features of the dynamic stereotype during prolonged use of a strong inhibitory stimulus [with summary in English]. N. N. Kudriavtseva. Zhur. vys. nerv. deiat. 10 no. 2:270-273 Mr-Ap '60.
Stationary and dynamic disorders of higher nervous activity in the interparoxysmal period of epileptic dementia [with summary in French] V. L. Deglin. Zhur. nevr. i psikh. 60 no. 11:1494-1499 '60
Stimulating effect of phenamine on defensive leukocytic reactions (phagocytosis) and the possibility of conditioned reflex reproduction of this effect [with summary in English]. V. E. Miklashevskii. Pat. fiziol. i eksp. terap. 5 no. 2:35-39 Mr-Ap '61.
Studies on trace electroencephalographic changes in men during the formation of motor conditioned reflexes [with summary in English]. Tsiui Chzhi-pin [Tsui Chih-p'ing]. Biul. eksp. biol. i med. 51 no. 3:28-32 Mr '61.
Study of electrical phenomena in the cerebral cortex of dogs during the elaboration of conditioned defensive reflexes [with summary in English]. V. N. Dumenko. Biul. eksp. biol. i med. 49 no. 3:8-12 Mr '60.
Study of higher nervous activity in experimental tuberculosis. Report No. 1: Conditioned food secretory reflexes in dogs against the background of tuberculosis infection and during streptomycin therapy [with summary in English]. L. E. Gaber, G. S. Kan, V. K. Krasuskii. Biul. eksp. biol. i med. 50 no. 7:46-51 Jl '60
Study of motor-defensive conditioned reflexes [with summary in English]. I. M. Kogan. Biul. eksp. biol. i med. 50 no. 7:113-117 Jl '60.
Study of the higher nervous activity in experimental tuberculosis. Report No. 2: Study of motor-defense conditioned reflexes in dogs [with summary in English]. I. M. Kogan. Biul. eksp. biol. i med. 51 no. 1:43-46 Ja '61.
Study of the higher nervous activity in hysteria patients. L. G. Pervov. Vop. psikh. i nevr. no. 5:297-299 '59.
Trace conditioned reflexes to ultra-strong stimuli [with summary in English]. A. I. Schastnyi. Zhur. vys. nerv. deiat. 10 no. 2:217-222 Mr-Ap '60.
Use of a stereotype from two stimuli for determination of the type of nervous system in dogs [with summary in English]. V. N. Burdina. Zhur. vys. nerv. deiat. 10 no. 2:223-230 Mr-Ap '60.

CONDUCT OF LIFE
Filatov, V. S. [Influence of work on the formation of human character] O vliianii truda na formirovanie kharaktera cheloveka. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1960. 42 p. (Vospitanie kommunisticheskogo otnoshenila k trudu)
Nemtsov, V. I. [Excitements, joys and hopes; thoughts on education] Volnenila, radosti, nadezhdy, mysli o vospitanii. Moskva, Gos. izd-vo polit. lit-ry, 1961. 318 p.
You're not alone in this world... Raisa Bruenfelkina. Moskva 5 no. 4:167-168 '61.

CONFECTIONERY
Development and distribution of the confectionery industry of the U. S. S. R. D. I. Frishman Trudy VKNII no. 14 129-150 '59
Inexpensive confectionery products. A. Shtamm. Obshchestv. pit. no. 5:47 My '61.
To lighten the work burden of confectioners. V. Zhevanik, I. Yolchinskii. Obshchestv. pit. no. 5:32-33 My '61.

CONFECTIONERY—EQUIPMENT AND SUPPLIES
Determining the rates of forming by stamping and cutting machines used in caramel production V. N. Serba Trudy VKNII no. 14:13-58 '59
Organizing a confectionary shop. P. Pastukhov. Sov. potreb. koop. 5 no. 5:60-62 My '61

CONFORMAL MAPPING
Imbedding of some monotonic E^3 images into E^4. I. Keldysh Dokl. AN SSSR 136 no. 1:18-21 Ja '61
Using electronic digital computers in an approximate method for obtaining conformal mappings A. L. Kudriavtsev Prikl. mat. i mekh. 24 no. 2 290-292 Mr-Ap '60

CONGO, REPUBLIC OF—POLITICS AND GOVERNMENT
Imperialist maneuvers in the Congo. IU. Bochkarev. Nov. vrem. 19 no. 22:5-6 My '61.

CONIFERAE—DISEASES AND PESTS
Effect of growing conditions on the occurrence of root fungus (Fomes annosus Fr.) in mixed conifer stands. IU. D. Sirotkin. Sbor. nauch. rab. Bel. otd. VBO no. 1: 141-147 '59.
Fungous diseases of conifer seeds and cones. A. A. Prisiazhniuk Izv. vys. ucheb. zav., les. zhur. 3 no. 1 31-37 '60.

CONJUNCTIVA—DISEASES
Blepharitis and blepharoconjunctivitis. M. G. Margolis. Fel'd. i akush. 26 no. 5:12-15 My '61.

CONJUNCTIVITIS, GRANULAR
(see also subdivision under Moiry District)
Role and aims of health education in the elimination of trachoma. M. E. Zinger. Fel'd. i akush. 26 no. 5: 37-39 My '61.

CONNECTIVE TISSUES
Change in the connective tissue of the skin of embryos in hyperthyroidism in parturients [with summary in English]. V. P. Leitan. Arkh. anat. gist. i embr. 40 no. 2:24-27 F '61
Changes in subcutaneous connective tissue in rats after cortisone treatment [with summary in English]. IU. A. Rovenskii. Biul. eksp. biol. i med. 50 no. 7:99-102 Jl '60.
Changes in the connective tissue system following adrenalectomy D. S. Kurbanaliev Uch. zap. AGU. Biol. ser. no. 3:49-51 '60.
Changes in the morphology of explants of connective tissue in rats under the influence of methylcholanthrene and extract of human lung tumor [with summary in English]. M. T. Mogila, IA. V. Dobrynin. Biul. eksp. biol. i med. 49 no. 2:95-98 F '60.
Early morphological changes in the connective tissue around cellophane film implants in rats [with summary in English]. L. V. Ol'shevskaia. Biul. eksp. biol. i med. 51 no. 3:116-120 Mr '61.
Permeability of connective tissues. IE. O. Tatarynov. Fiziol. zhur. [Ukr.] 7 no. 3:352-361 My-Je '61.
Significance of the connective tissue system in the reaction of the blood to the administration of the adrenocorticotropic hormone. K. P. Zak. Fiziol. zhur. [Ukr.] 7 no. 3: 432-435 My-Je '61.
Structure of the connective tissue and lymphatic system of the myocardium in man [with summary in English] V. V. Fedial. Arkh. anat. gist. i embr. 40 no. 2 75-81 F '61.

CONNECTIVE TISSUES—BLOOD SUPPLY
Morphology of the vascular bed of an organ [with summary in English]. V. V. Kupriianov. Arkh. anat. gist. i embr. 40 no. 4:87-98 Ap '61.

CONSTANTINOPLE, COUNCIL OF, 1157
Council of Constantinople in 1157 and Nicholas, Bishop of Methone. Priest-Monk Pavel (Cheremukhin). Bog. trudy no. 1:87-100 '60.

CONSTRUCTION see Building

CONSTRUCTION EQUIPMENT see Building machinery

CONSTRUCTION INDUSTRY
(see also subdivision under Belgorod; Great Britain; India; Irkutsk Province; Kazakhstan; Kimovsk District; Kirov; Kokchetav Province; Krasnodar; Krasnodar Territory; Kuban; Leningrad; Moscow; Odessa; Siberia; Stalino Province; Sverdlovsk Province; Tatar A. S. S. R.; Ukraine; Uzbekistan; Voronezh Province; Yaroslavl; Zhdanov)
Accelerated tempo for urgent construction. Komsom. zhizn' no. 10, 1-4 My '61.

CONSTRUCTION INDUSTRY (Continued)

All-Union conference on production line methods in construction. Visnyk ABiA URSR no. 1 58-59 '61.

Assembly-line method in rural construction. V. Golosov, M. Rad'ko, K. Ivanov. Sel'. stroi. 15 no. 2:5-7 F '61.

Basic indicators of industrialization in assembly operations. M. V. Ostrovskii, E. I. Ryvkin Mont. i spets. rab. v stroi. 23 no. 4:25-26 Ap '61.

Calculating the supply of materials in the production line method of building [with summary in English, p. 78] M. S. Budnikov. Visnyk ABiA URSR no. 1:30-35 '61.

Changes in chapter II-B 1 of "Construction norms and regulations" Stroi mekh i raschet sooi 2 no 2 16 '60

Changes in the structure of the planning organizations of the Ministry of Agriculture. Sel'. stroi. 15 no. 2 31 F '61.

Communism is for young people to develop Stroitel' no 4-3, 5 Ap '61

Construction finance plan of building organizations. M. Gurevich, V Poltoraygin Ekon stroi no 4 64-70 Ap '61.

Continuous planning and improving the items of the plan in the construction industry. V Girovskii. Ekon stroi. no. 4, 6-16 Ap '61.

Creating interdistrict factories for the construction industry. V. Mitrofanov. Ekon stroi no 4 70-72 Ap '61.

Determining the level of over-all mechanization in assembly operations. P. A. Zimin. Mont. i spets. rab. v stroi. 23 no. 4:19-24 Ap '61.

Did you know that.... Sel'. stroi. 15 no. 2:30 F '61.

Famous deeds of young transportation construction workers E. F. Kozhevnikov Transp stroi 11 no 4 4-6 Ap '61

From the pages of periodicals: December 1960. Stroi. i dor. mash. 6 no. 2:38-39 F '61.

He answers the readers' letters. Sel'. stroi. 15 no. 2: 30 F '61.

In celebration of the 22d Congress of the CPSU Arkhit SSSR no. 4 5-6 '61

In celebration of the 22d Congress of the CPSU. Sel'. stroi. 15 no 3:3 Mr '61.

In the Council of Coordinating Scientific Work in the Area of Building and Architecture. Visnyk ABiA URSR no. 1: 60-61 '61.

In the Ministry of Construction of the Russian Federation. Mont. i spets. rab. v stroi. 23 no. 4:31-32 Ap '61.

In the Office of State Construction of the U. S. S. R Stroitel' no. 4-32 Ap '61

Industrialization and changes in the professional composition of construction workers. V. Svetlov. Biul. nauch. inform.; trud i zar. plata 4 no. 5:20-23 '61.

Interuniversity science conference. Stroi. i dor. mash. 6 no. 2:38 F '61.

It is a great happiness to create for the people. Arkhit SSSR no 4.1-4 '61

Large-panel housing construction is the general line of development in residential construction Arkhit SSSR no. 4 7-8 '61

Let's be militant and productive in our work, rural builders! Sel'. stroi. 15 no. 2:1-2 F '61.

Let's increase the role of science and modern practices in rural construction. Sel'. stroi. 15 no. 3:1-2 Mr '61

Let's not scatter the forces and facilities of the construction organizations. IA. Geze. Ekon. stroi no. 4-3 of cover Ap '61.

Let's raise the organizational and technical level of rural construction. Mekh. stroi. 18 no. 3:1-2 Mr '61.

Let's raise the quality of construction in every way. A. G. Kanevskii, M. A Matrosov, F. G. Sokolov. Transp stroi 11 no. 4 13-15 Ap '61.

Literature on the economic aspects of building should be on a level with the tasks of the seven-year plan. N. Kazanskii, A. Katsin. Ekon. stroi no 4 61-64 Ap '61.

Making more precise estimated costs of construction involving operations carried out by divers. Biul stroi. tekh. 18 no. 5 24 My '61.

Multistory housing construction on the collective farms. Z. Vasserman. Sel'. stroi. 15 no. 3:4-5 Mr '61.

On the frontier of the seven-year plan. V. L'vov. Komsom. zhizn' no. 18:5-10 S '60.

Order of applying the statute concerning bonuses for construction workers. Ekon. stroi no. 4:53-56 Ap '61.

Problem of specialization in constructing thermal electric power plants. A. Lukin, N Avanesov, S. Parizhskii. Ekon. stroi. no 4:45-48 Ap '61.

Relay race of dynamic works. Smena 38 no. 7:16-17 Ap '61.

Republic State Institute for the Planning of Agricultural Construction works for rural builders. M. Mikhalchenkov, V. Ganzha, P. Bukreev. Sel'. stroi. 15 no. 3:27-28 Mr '61.

Role of the general contractor in the development of specialization. A. Antipin. Ekon. stroi. no. 4:44-45 Ap '61.

Rural builders honor the Plenum of the Central Committee and the 22nd Congress of the CPSU. Sel'. stroi. 15 no. 2 3 F '61.

Socialist obligations of construction and assembly, and planning and research units and of industrial enterprises of the Ministry of Construction of the Russian Federation for 1961. Mont. i spets. rab. v stroi. 23 no. 4:1-2 Ap '61.

System of grouping construction and assembly organizations on the basis of pay of managers and engineers in cases where these organizations are carrying out several types of operations with different correction factors Biul stroi tekh 18 no 5 24 My '61

Taking measures to secure overall industrial construction in areas of virgin or waste land Biul stroi tekh 18 no 5 36 My '61

Twenty-second Congress of the CPSU deserves a worthy reception! Zhil stroi no 4 1 Ap '61

Young assemblers on the construction projects of the seven-year plan. L. B. Eidlin. Mont. i spets. rab. v stroi. 23 no. 4 2-7 Ap '61.

CONSTRUCTION INDUSTRY—ACCOUNTING
(see also subdivision under Kazakhstan; Moscow; Uzbekistan)

Accounting for fines, penalties, and forfeitures paid and received. A. Kurek. Ekon. stroi. no 4-52 Ap '61

In the Central Committee of Trade Unions. Stroitel' no 4 32 Ap '61

Practice in introducing the operational method of accounting for materials in construction A Kuzilov. Bukhg uchet 18 no. 5 52-54 My '61.

Several remarks on the journal-voucher accounting system in construction Bukhg uchet 18 no 5 70-73 My '61

CONSTRUCTION INDUSTRY—BIBLIOGRAPHY see Bibliography—Construction industry

CONSTRUCTION INDUSTRY—CONGRESSES

All-Union meeting of young construction workers in the Kremlin Transp stroi 11 no. 4 3 Ap '61.

Conference of chairmen of the offices of state construction of the Union Republics. Ekon stroi. no. 4:59-60 Ap '61

CONSTRUCTION INDUSTRY—COSTS

More on costs in planning organizations A. Lazovskii Bukhg uchet 18 no 5 40-43 My '61

Raise technical standards and lower estimate costs in industrial construction. Bet. i zhel.-bet. no. 5:193-195 My '60.

CONSTRUCTION INDUSTRY—ESTIMATES

Effective normative documents on determining cost estimation in construction Biul. stroi. tekh 18 no. 5 39-43 My '61

CONSTRUCTION INDUSTRY—FINANCE
(see also subdivision under Gur'yev Province; Kazakhstan)

Follow-up of our materials. Fin. SSSR 22 no. 5:72 My '61.

For a fuller mobilization of hidden potentialities in construction Fin. SSSR 22 no. 5:3-7 My '61.

CONSTRUCTION INDUSTRY—STANDARDS—BIBLIOGRAPHY see Bibliography—Construction industry—Standards

CONSTRUCTION INDUSTRY—STATISTICS

Statistical accounting for construction production and its evaluation. L. M. Kaplan. Nauch. zap. Len. fin.-ekon. inst. no. 19:160-177 '59.

CONSTRUCTION INDUSTRY—TECHNOLOGICAL INNOVATIONS
(see also subdivision under Moscow)

Work of the bus crew disseminating technical information. S. S. Didenko Transp. stroi. 11 no. 4 52 Ap '61

CONSTRUCTION WORKERS
(see also subdivision under Stalinogorsk)

I came back from "tomorrow." V. Sazhin. Smena 38 no. 7:29-31 Ap '61.

Izium tries to find a solution. Radil Polons'kyi. Ukraina no. 11:9-10 Je '61.

Structural steel workers on high buildings. Evgenii Vorob'ev. Sov. profsoiuzy 17 no. 10:30-36 My '61.

CONSTRUCTION WORKERS—EDUCATION AND TRAINING

Construction workers study economic problems. A. IUshkov. Part. zhizn' no. 11:38-42 Je '61.

CONSUMERS' GOODS see Russia—Manufactures

CONTAGION AND CONTAGIOUS DISEASES see Communicable diseases

CONTAINERS

Container for the transportation of bricks. I. Kupchik, E. Pliasunova. Rech. transp. 20 no. 5:36 My '61.

Flexible containers for the transportation and storage of liquid cargo. S. Kniazev. Rech. transp. 20 no. 5: 61-63 My '61.

We should revise some instructions on the return of containers A Smetkin, T Sazonenko Sov. torg. no 11, 18 Je '61

With ability and with all his heart. V. Shorin. Izobr. i rats. no. 5:2 of cover and 6-7 My '61.

CONTAINERS—TESTING

Experimental testing of the performance of containers with flangeless bottoms. I. V. Tartinskii. Trudy Ural. politekh. inst. no. 99 87-97 '60.

CONTINENTS

Connections between European and North American rivers and the North Atlantic gap [with summary in English] G. U Lindberg. Zool. zhur. 40 no. 5 651-655 '61.

Drift of continents; derived from paleomagnetic data [with summary in English]. I. A Rezanov. Sov. geol. 4 no. 4:25-40 Ap '61.

CONTINUOUS CASTING

Improving the design of the UNIS ingot mold. V. P. Druzhinin, A. I. Mazun. Stal' 21 no. 5 409-411 My '61.

CONTINUOUS GIRDERS see Girders, Continuous

CONTRACTS, AGRICULTURAL

Transactions that violate the law and regulations of the agricultural artel B Linkovets Sots. zakon 37 no 4 12-17 Ap '60

CONTRACTS, MARITIME see subdivision under Great Britain

CONTRACTURE

Hemophilic arthroses and contracture of the joints and their treatment. O. Sh. Buachidze Khirurgiia 37 no. 5:64-70 My '61.

Role of injury and stimulation of the spinal cord in the development of contracture arising following its section N A Galitskaia Fiziol zhur. 47 no 5 566-571 My '61.

Surgical treatment of ischemic contracture of the hand [with English summary in insert]. IA. Kholevich Ortop. travm. i protez. 22 no. 1:48-54 Ja '61.

CONTROLLED ATMOSPHERES (INDUSTRIAL PROCESSES) see Protective atmospheres

CONVERGENCE

The phenomenon of convergence in periodic nonlinear systems. V. A. Pliss Dokl. AN SSSR 138 no. 2:301-304 My '61.

CONVERTERS

Converter of a butane dehydrogenation unit. D. A. Kaminskii, V. A. Moukalenko. Khim. mash. no. 1:3-5 My-Je '61

Design and performance investigation of small capacity converters. N. P. Lavenets, V. M. Fobegnilo Trudy Inst. met. no. 4:67-74 '60.

Tarbonded magnesite refractory materials for lining converters with an oxygen blast. V P. Rukina, E. P. Markevich, S. K. Voskresenskaia. Ogneupory 26 no. 4:165 169 '61.

CONVEYING MACHINERY

Automated power truck. E. V. Verner, G. A. Val, P. G. Belykh. Stroi. i dor. mash. 6 no. 2:26-30 F '61.

Automation of a system of belt conveyors. G. G. Zelichenok. Stroi. i dor. mash. 6 no. 2:17-22 F '61.

Calculating the basic parameters of the screw spring conveyer. IA. I. Shiponko. Izv vys. ucheb. zav. i tekh leg. prom no. 2:123-130 '61.

Conveyor for drying mirrors. P. V. Rudenko. Stek. i ker. 18 no. 3:30-31 Mr '61.

Conveyor line for the servicing of passenger cars. N. Mikhailov. Avt. transp. 39 no. 5:24-25 My '61.

Design of friction conveyors. N. V. Mel'nikov, G. L. Shved. Izv. vys. ucheb. zav.; gornyi zhur. no. 2:90-103 '61.

Elements in the theory of two-chain scraper conveyors moving in sections. B L. Davydov. Izv. vys. ucheb. zav., gor. zhur. no. 2:126-132 '60

Examples of uses of conveyors in foreign mines R I. Shenderova, A. M. Faktorovich. Gor. zhur no. 3:62-63 Mr '60.

Feed conveyor and distributor. A. P. Shapovalov. Mekh. sil'. hosp. 12 no. 6:21-22 Je '61.

Grounds for the selection of a type of console-belt waste-stacker for Ukrainian lignite mines. M. G. Novozhilov, B. N. Tartakovskii, R. F. Borisiuk. Izv. vys. ucheb. zav., gor. zhur. no. 6:15-26 '60.

Method of working thick, sharply inclined seams with a shielded screw conveyor. I P. Tolstunov. Izv vys. ucheb. zav., gor. zhur. no. 2 15-18 '60.

More about the selection of the motion speed of the scraper traction chain N. S. Poliakov, I. G. Shtokman. Ugol' 36 no. 3:57-58 Mr '61.

New conveyer on a trestle. E. I. Bogdanov. Mekh. i avtom. proizv. 15 no. 5:36-39 My '61.

New type conveyors and their application in foreign mines. S K. Vilenchits. Gor. zhur. no. 3:59-62 Mr '60.

CONVEYING MACHINERY (Continued)

Relation between the eccentricity of the driving drums and the distribution of the load between the drives on belt conveyers. M. A. Kotov. Izv. vys. ucheb. zav.; gor. zhur. no. 12:78-82 '59.

Research on the coefficient of air-flow resistance in mine drifts reinforced with sectional reinforced concrete supports and equipped with belt conveyors. V. V. Kashibadze. Izv. vys. ucheb. zav., gor. zhur. no. 2 73-77 '60.

Selection of operating conditions for a reversible-type shaking conveyer and a concentration table. E. V. Efimov, N. G. Kopylov. Izv. vys. ucheb. zav., gor. zhur. no. 6:122-131 '60.

Semiautomatic control of conveyers. G. G. Velikii, I. D. Reshetniak. Put' i put khoz. 5 no. 1:27 Ja '61.

Several peculiarities in the design and construction of belt conveyors for large angles of incline. IU. A. Perten. Izv. vys. ucheb. zav.; gor. zhur. no. 3:100-104 '60.

Steel feed belts for conveyers. N. I. Sheftel'. Biul. tekh.-ekon. inform. no. 4:41-42 '61.

Vertical vibratory conveyers with distributing and guiding devices. Kh. IA. Finkel'. Stan. i instr. 32 no. 5:26-27 My '61.

CONVEYING MACHINERY—ELECTRIC DRIVING

Principles of the theory and design of improved electric vibrating machines as single electromechanical systems. B. P. Lavrov. Trudy Mekhanobr no. 125:139-152 '60.

Theory and design of electric vibrating machines. L. P. Levin. Trudy Mekhanobr no. 125:101-138 '60.

Turbocouplings in the drive of mine conveyors. V. M. Levenshtein, L. G. Shakhmeister. Nauch. rab. stud. GNSO MGI no. 7:118-140 '59.

CONVEYING MACHINERY—TECHNOLOGICAL INNOVATIONS

Mechanization of auxiliary operations in conveying. B. V. Faddeev. Mekh. i avtom. proizv. 15 no. 5:28-30 My '61.

CONVEYING MACHINERY—TRANSMISSION DEVICES

"Physical principles of the transmission of driving power by means of friction" by A. V. Andreev. Reviewed by B. V. Faddeev, D. B. Dobrushkin, K. N. Mamaev. Izv. vys. ucheb. zav.; gor. zhur. no. 11:131-132 '59.

CONVULSIONS

Characteristics of a convulsive seizure during electrical stimulation of various areas of the cerebral cortex under long-term experimental conditions. G. A. Khasabov. Fiziol. zhur. 47 no. 2:148-153 F '61.

Comparative evaluation of diuretic changes in experimental convulsive seizures [with summary in English]. A. A. Lebedev. Biul. eksp. biol. i med. 51 no. 3:52-54 Mr '61.

Effect of nociceptive (pain) stimulations on the spasmodic effect of camphor [with summary in English]. A. P. Veresheshagin, S. M. Dionesov. Biul. eksp. biol. i med. 49 no. 3:70-72 Mr '60.

COOKERY

Advice to the cook. P. Grigor'ev. Obshchestv. pit. no. 5: 18-20 My '61.

Cook Smachnoi'kyi's advice. Ukraina no. 19:30 My '61.

Cookery. L. Hranenava. Rab. i sial. 36 no. 4:24 Ap '60.

For home cooking. Obshchestv. pit. no. 5:52-53 My '61.

From a culinary expert's notebook. Obshchestv. pit. no. 5:21-23 My '61.

COOKERY (FRUIT) see subdivision under Moldavia

COOKERY, LATVIAN

Latvian dishes. Obshchestv. pit. no. 5:48-49 My '61.

...lt. no. 5...

COOPERATIVE EDUCATION see Education, Cooperative

COOPERATIVE SOCIETIES

(see also subdivision under Asia; Bogodukhov District; Gissar District; Kazakhstan; Luk'yanovka, Moscow Province, Moscow; Nyugedi; Pul'va District, Rumania; Tomashpol District; Transcarpathia; Tula Province)

Along the path of Lenin. IA. Kislanov. Sov. potreb. koop. 4 no. 4:11-19 Ap '60.

Attitude of communist and labor parties of capitalist countries toward cooperative societies. S. Semin. Sov. potreb. koop. 4 no. 4:22-26 Ap '60.

Consumers' cooperative societies should organize the sale of agricultural surpluses. Z. Lekhova. Sov. torg. 34 no. 5:5-8 My '61.

Editor's mail. Sov. potreb. koop. 4 no. 4:48, 52-53 Ap '60.

Editor's mail. Sov. potreb. koop. 5 no. 5:22-23 My '61.

Great power of progressive experience. G. Kuznetsov. Sov. potreb. koop. 5 no. 5:41-43 My '61.

Historical dates. Sov. potreb. koop. 5 no. 5:43 My '61.

Let's improve the organization of the procurement of agricultural products. Sov. potreb. koop. 5 no. 5:6-10 My '61.

Meetings of the Executive Committee and Central Committee of the International Cooperative Alliance in Paris. Sov. potreb. koop. 4 no. 4:54-57 Ap '60.

Socialist state and cooperative societies. G. Kuznetsov. Sov. potreb. koop. 4 no. 4:49-51 Ap '61.

Well-tried method of the development of communism. Sov. potreb. koop. 5 no. 5:2-5 My '61.

COOPERATIVE SOCIETIES—ACCOUNTING

How to simplify accounting. IA. Vasil'ev. Sov. potreb. koop. 4 no. 4:47 Ap '60.

COOPERATIVE SOCIETIES—CONGRESSES

Session of the executive committee of International Cooperative Alliance in Copenhagen. D. Timofeev. Sov. potreb. koop. 5 no. 5:52-54 My '61.

COOPERS AND COOPERAGE

Manufacture of small barrels on continuous production lines. K. P. Kuznetsov. Der. prom. 10 no. 3:28 Mr '61.

COORDINATES

Computing the coordinates of fixed points. I. F. Kushtin. Geod. i kart. no. 4:45-47 Ap '61.

COPPER

(see also subdivision under Kadzharan region)

Anodic dissolution of copper in an ultrasonic field [with summary in English]. S. M. Kochargin, N. N. Terpilovskii, G. IA. Vlaseleva. Zhur. fiz. khim. 35 no. 4:917-919 Ap '61.

Effect of copper on electrical steel [with summary in English]. N. F. Dubrov, I. A. Gorlach, M. V. Liasko Stal' 20 no. 7:645-646 Jl '60.

Effect of copper on recombination processes in heat-treated silicon. M. I. Iglitsyn, V. N. Mordkovich. Fiz. tver. tela 3 no. 3:979-980 Mr '61.

Iodine, bromine, fluorine, and copper content of natural waters in the Polesye Lowland (White Russia). P. V. Ostapenia, TS. A. Kagan, E. A. Gel'fer. Trudy Biogeokhim. lab. no. 11:75-82 '60.

Periodic effects in the anodic dissolution of copper in phosphoric acid [with summary in English]. V. A. Dmitriev, E. V. Rzhevskaia. Zhur. fiz. khim. 35 no. 4:871-878 Ap '61.

Stabilizers of copper-soap solutions. A. P. Vasil'evskii. Biul. Glav. bot. sada no. 38:79-82 '60.

Transfer to staphylococci of resistance to mycinol, streptomycin and copper by means of acellular extracts [with summary in English]. V. A. Lembina. Mikrobiologiia 30 no. 1:60-66 Ja-F '61.

COPPER—ANALYSIS

Analytical application of 8-quinolinethiol (thioquinolinol) and its derivatives. Report No. 17: 8, 8' Diquinolyldisulfide, a new selective reagent for the photometric determination of small amounts of copper [with summary in English]. IU. A. Bankovskii and others. Zhur. anal. khim. 16 no. 2:150-157 Mr-Ap '61.

Determination of palladium and nickel, and also palladium and copper in a single sample [with summary in English]. A. S. Pesis. Zhur. anal. khim. 16 no. 2:253-254 Mr-Ap '61.

Determination of the ultramicroimpurities of zinc, lead, and copper in high purity tin by amalgam polarography. A. G. Stromberg and others. Zav. lab. 27 no. 5:517-521 '61.

Determination of the ultramicroamali Pb, Cu, and Zn content of alkalies and acids with the aid of amalgam polarography on a stationary mercury drop. S. I. Siniakova, I. V. Markova. Zav. lab. 27 no. 5:521-525 '61.

COPPER—FATIGUE

Effect of preliminary cyclic heat treatment and plastic deformation on metal strength and durability. B. M. Rovinskii, L. M. Rybakova. Fiz. met. i metalloved. 9 no. 4:610-612 Ap '60.

COPPER—HEAT TREATMENT

Effect of preliminary cyclic heat treatment and plastic deformation on metal strength and durability. B. M. Robinskii, L. M. Rybakova. Fiz. met. i metalloved. 9 no. 4:606-612 Ap '60.

COPPER—METALLOGRAPHY

Investigating the effect of small additions of cadmium on the parameters of volumetric and boundary diffusion of cadmium in copper. A. L. Revo. Fiz. met. i metalloved. 11 no. 5:725-729 My '61.

COPPER—METALLURGY

Substructure and microhardness of vacuum condensates of copper. L. S. Palatnik, G. V. Fedorov, A. I. Il'inskii. Fiz. met. i metalloved. 11 no. 5:815-816 My '61.

COPPER—PHYSIOLOGICAL EFFECT

Biogeochemical province of the Terek-Sulak-Kuma Lowland. V. V. Koval'skii. Trudy Biogeokhim. lab. no. 11:134-143 '60.

Biogeochemical provinces rich in nickel and copper. A. D. Gololobov. Trudy Biogeokhim. lab. no. 11 178-188 '60.

Zootechnical study of lambs in the biogeochemical province of the Terek-Sulak-Kuma Lowland. P. V. Lazarovich. Trudy Biogeokhim. lab. no. 11:144-149 '60.

COPPER ALLOYS

Investigating the effect of small additions of silver on the parameters of volume and boundary diffusion of silver in copper. S. D. Gertsrikon, A. L. Revo. Fiz. met. i metalloved. 9 no. 4:578-583 Ap '60.

COPPER CHLORIDE

Behavior of copper chlorides on copper amalgams during electrolysis. R. K. Diachevskaia, A. G. Lukina. Izv. AN Kazakh SSR. Ser. khim. no. 2:75-80 '60.

Electrolysis of hydrochloric acid solutions of cupric chloride. V. N. Flerov and others. Zhur. prikl. khim. 33 no. 10:2245-2252 O '60.

COPPER CRYSTALS

Angular distribution of dispersed particles in the irradiation of a single crystal by an ion beam. V. A. Molchanov, V. G. Tel'kovskii, V. M. Chicherov. Dokl. AN SSSR 136 no. 4:824-825 Je '61.

COPPER IN THE BODY

Copper content of the teeth under normal conditions and in alveolar pyorrhea. L. N. Nichivenko. Stomatologiia 40 no. 1:32-35 Ja-F '61.

Copper, zinc and cadmium content of the organs of rabbits with malignant tumors. V. I. Gorodyskii, I. V. Veselaia. Vop. med. khim. 6 no. 2:126-130 Mr-Ap '60.

COPPER-IRON ALLOYS see Iron-copper alloys

COPPER METABOLISM

Amount of copper in the tissues of the brain under normal conditions and in various diseases of the nervous system [with summary in English]. B. M. Gekht. Biul. eksp. biol. i med. 51 no. 2:49-54 F '61.

COPPER MINES AND MINING see subdivision under Dzhezkazgan; Gay region (Orenburg Province)

COPPER-NICKEL ALLOYS—TESTING

Effect of the speed of elongation on the mechanical properties of MN19 "Melchior" and NMZhMts Monel-Metal at high temperatures. G. M. Voikogon. TSvet. met. 34 no. 5:62-64 My '61.

COPPER ORES

(see also subdivision under Perm Province; Ural Mountains)

Combined flotation-hydrometallurgy flowsheet for copper recovery from mixed oxide-sulfide ores. N. V. Zashikhin, P. M. Perlov. Trudy Mekhanobr no. 125: 35-56 '60.

Hermit minerals. V. A. Voronich. Priroda 50 no. 5:112-113 My '61.

Metallogenic provinces of copper-nickel mineralization [with summary in English]. M. N. Godlevskii. Sov. geol. 4 no. 3:7-22 Mr '61.

Studying the floatability of copper by the "zero" method and by means of radioactive tracers. M. V. Barbin. Izv. vys. ucheb. zav., gor. zhur. no. 6:139-142 '60.

COPPER ORGANIC COMPOUNDS

Forms of complex formation between copper and organic matter in peat soils of the White Russian S. S. R. S. M. Monskaia, T. V. Drozdova, M. P. Emel'ianova. Trudy Biogeokhim. lab. no. 11:65-69 '60.

COPPER OXIDE

Experimental determination of polaron mass in cuprous oxide [with summary in English]. A. I. Gubanov, N. I. Krivko, N. M. Reinov. Zhur. eksp. i teor. fiz. 39 no. 2: 341-344 F '60.

COPPER OXIDE—ELECTRIC PROPERTIES

Spectral distribution of the photoelectric sensitivity of Cu_2O crystals at low temperatures. I. Pastrniak, R. A. Titov. Fiz. tver. tela 3 no. 3:861-868 Mr '61.

COPPER OXIDE—SPECTRA

Investigating the Stark effect of excitons in oriented single crystals of cuprous oxide. E. F. Gross, B. P. Zakharchenia, L. M. Kanskaia. Fiz. tver. tela 3 no. 3: 972-978 Mr '61.

COPPER OXIDE CRYSTALS—ELECTRIC PROPERTIES

Light absorption and reflection and nature of optical electron transitions in Cu_2O crystals. I. Pastrniak. Fiz. tver. tela 3 no. 3:869-875 Mr '61.

COPPER OXIDE CRYSTALS—OPTICAL PROPERTIES

Light absorption and reflection and nature of optical electron transitions in Cu_2O crystals. I. Pastrniak. Fiz. tver. tela 3 no. 3:869-875 Mr '61.

COPPER SULFATE

Studying the system $CuSO_4 - NH_2CH_2COOH - H_2O$ by physicochemical analysis. N. F. Ermolenko, A. IA. Deich. Dokl. AN BSSR 5 no. 5:215-217 My '61.

Thermal decomposition of copper sulfate. A. N. Ketov and others. Zhur. prikl. khim. 34 no. 3:517-521 Mr '61.

COPROPORPHYRIN

Causes of coproporphyri in accumulation in cultures of the yeast Candida guilliermondii [with summary in English] G M Shavlovskii, A M Bogatchuk Biokhimiia 25 no 6 1043-1048 N-D '60

COPYING PROCESSES

The use of diffusion copying in the examination of documents. A A. Gusev, A. M. Popov. Sov. krim. na sluzh. sled no. 14 169-182 '61

The use of diffusion copying in the work of the Moscow Research Laboratory of Forensic Expertise. A F. Sheino. Sov. krim na sluzh. sled. no 11.183-191 '61

COPYRIGHT

Index to judicial practice of the Supreme Court of the U S S R in the field of copyright and patent law. Biul Verkh Suda no 2.47 '60

New legislative enactments Sov. iust. no. 4 77-78 Ap '60

CORE DRILLING

Hinged deflector for slanting boreholes. IU. L. Boiarko. Razved. i okh nedr 27 no 1 46-47 Ap '61

Petrographic studies of core samples in coal prospecting N P. Grechishnikov Trudy MGRI 38 98-106 '60

Vibrator resonance in the prevention of accidents in wells. P. F. Pal'ianov. Razved. i okh. nedr 27 no. 2 43-46 F '61

COREMAKING

Core mixture on a sodium silicate base with good knockout properties. S. R. Mamedov Lit. proizv. no. 5:44 My '61.

CORES (ELECTRICITY)

Use of toroidal ferromagnetic cores for the conversion of continuous magnitudes to discrete magnitudes. IU. A. Bellaev. Izv. vys. ucheb. zav. ; elektromekh. 3 no. 12 26-31 '60.

CORIANDER

Coriander seed drying prior to storage and processing. F. S. Tanasienko. Izv. vys. ucheb. zav. ; pishch. tekh. no. 2:37-44 '61.

CORINTHIAN LEAGUE

The Corinthian Congress of 338 B. C. and its decisions. V G Borukhovich. Uch zap. GGU no. 46 199-211 '59.

CORN (MAIZE)

(see also subdivision under Bashkiria; Beslan; Central Black Earth region; Cherkassy District, Chkalovskiy District; Georgia; Kabardino-Balkar A. S. S. R. ; Kulunda Steppe; Luga District; Radomyshl' District; Shimsk District; Ukraine, Vitebsk Province; Vologda Province; Voronezh Province; White Russia; Zhitomir Province)

Agrometeorological indices of the growth of corn established on the basis of the surface area of leaves. IU. I. Chirkov. Trudy TSIP no.107 35-43 '61.

Biochemical, colloidal, and technological properties of waxy corn. E I Vedernikova and others Biokhim zerna no. 5 184-205 '60

Communist Youth League drive for corn. Komsom. zhizn' no. 3:7-10 F '60.

Companion cropping of early and late corn varieties [with summaries in English, German, and French]. A. A. Avakian, M. G. Shumanskaia. Vest. sel'khoz. nauki 6 no. 5:15-21 My '61.

Development and growth of various morphophysiological types of corn in relation to light. S. S. Rustembekov, F. M. Kuperman. Nauch. dokl vys. shkoly, biol. nauki no 2 205-214 '61.

Development of the root system of corn. V. I Zolotov, V. M Hryn'ov. Visnyk sil'hosp nauky 4 no 4 37-41 Ap '61.

Economic efficiency of the over-all mechanization of corn cultivation. A. G. Belozertsev. Dokl. i soob. VNIESKH no. 8:46-48 '60.

Effect of gibberellin on the growth and development of corn. A. A. Zhuravlev, M. N. Smirnov. Agrobiologiia no. 3:390-396 My-Je '61.

Effect of sowing methods on the protein content of corn. L. T. Hirenko Visnyk sil'hosp. nauky 4 no. 4 42-44 Ap '61.

Effect of temperature and the length of day on the generative development of corn. A. S. Obraztsov. Agrobiologiia no. 3:378-383 My-Je '61.

Fifty centners of corn per hectare. S. Mullar. NTO 3 no. 5:9 My '61.

A futile study ("The over-all mechanization of corn growing" by Sh. Khairov, G. Kuz'min. Book review). Part. zhizn' Kazakh. 31 no. 5:77-78 My '61.

How the duration of soaking seeds in water affects the force of emergence, development, and yield of corn. S. M. Naumov. Sbor. nauch. rab. Bel. otd. VBO no. 1: 52-59 '59.

Main trend. I. Martynenko. Sel'. mekh. no. 5:1-3 '61.

Microsporogenesis and development of pollen grains in corn. S. N. Korobova. Dokl. AN SSSR 136 no. 1:233-236 Ja '61

New features in agricultural engineering of corn growing. P. TSelykovskii. Shkola i proizv. 5 no. 5-90-91 My '61.

Odessa varieties. P. Obukhovskii. Nauka i zhizn' 28 no 4-18-23 Ap '61.

Physiology of corn plants varying in viability. Kh. F. Gering, T. A. Mitchenkova. Agrobiologiia no. 3-383-389 My-Je '61.

Practices used in cultivating corn. N. A. Lytvyn. Nauk. pratsi Ukr. nauk.-dosl. inst. zrosh. zeml. 1:92-103 '59.

"Queen of the fields." A. Smirningina IUn tekh. 5 no 5,17-23 My '61

Scouts of the corn front. P. Fedosov, A. Shtan'ko. Komsom. zhizn' no. 11 5-6 Je '61.

Some practical advice Mol komm no 5 35-37 My '61

Surface ensilage of corn. V. N. Androsov. Mekh. sil'. hosp. 12 no. 5:19-20 My '61.

They continue their heroic work V Tarasov Mol komm no 5 35-37 My '61

Variations in the absorption of water by different parts of the root system in the corn plant [with summary in English] A A Volynkin Fiziol. rast 8 no 3 294-298 '61.

Work well and you'll obtain high crop yields. V. Mel'nichenko. Sel'. mekh. no. 5:5-6 '61.

CORN (MAIZE)—BIBLIOGRAPHY see Bibliography—Corn (Maize)

CORN (MAIZE) —DISEASES AND PESTS see subdivision under Samarkand Province

CORN (MAIZE)—DRYING

Pneumatic drier for corn feed. A I Eremeev Sakh. prom. 35 no 5 61-66 My '61.

CORN (MAIZE)—IRRIGATION

Problems pertaining to the irrigation of corn. A. S. Shevchenko. Nauk. pratsi Ukr. nauk.-dosl. inst. zrosh. zeml. 1:5-14 '59.

CORN (MAIZE)—STORAGE

Relation between grain and cob moisture in storing ear corn in piles. Kh. Slushanskii, P. Ulainamei, R Rusu Biokhim. zerna no. 5 206-213 '60

CORN (MAIZE)—VARIETIES

Pigments of the plastids of certain corn hybrids and varieties [with summary in English]. N I Lozova Ukr bot zhur. 18 no. 2 27-36 '61.

CORN (MAIZE)—WATER REQUIREMENTS

Drought resistance of corn in ontogeny. N. I. Volodarskii, L. V. Zinevich. Fiziol. rast. 7 no. 2 210-219 '60.

CORNEA

Dynamics of the mitotic activity of the corneal epithelium in white mice during fasting [with summary in English]. O. T. Movchan. Biul. eksp. biol. i med. 50 no. 7:100-03 Jl '60.

Effect of continuous light on the diurnal rhythm of mitotic activity in the corneal epithelium L P. Kostchenko. Dokl. AN SSSR 138 no. 1-982-984 Je '61

CORNEA—SURGERY

Comparative evaluation of some methods of trepanation of the cornea [with summary in English]. Report No. 2. T. U. Gorgiladze. Oft. zhur. 15 no. 3-160-165 '60.

CORNEA—TRANSPLANTATION

Significance of sensitization and desensitization in keratoplasty [with summary in English]. D. G. Bushmich, T. U. Gorgiladze. Oft. zhur. 16 no. 3:140-156 '61.

CORNEA—WOUNDS AND INJURIES

Case of spontaneous healing of a large perforated corneal defect. E. I. Mesroplan, S. M. Muradian. Oft. zhur. 16 no. 3:188-190 '61.

CORONARY HEART DISEASE

Electrophoresis of dionine in the region of the reflexogenic cardiac zone of Zakhar'ina-Geda in chronic coronary insufficiency G. K. Laveskii, D N. Smirnova Vop kur., fizioter i lech. fiz. kul't. 26 no 1-62-64 '61.

Excretion of adrenaline and adrenalinelike substances in patients with coronary insufficiency. D. E. Kagan, G. A. Kvitko. Terap. arkh. 33 no. 4:71-74 '61.

Mechanism of action of cervical vagosympathetic novocaine block in coronary circulatory insufficiency. V. V. Tinovkin. Pat. fiziol. i eksp. terap. 5 no. 2:57-60 Mr-Ap '61.

Modification of glycoproteins in the blood serum in experimental atherosclerosis and in clinical coronary insufficiency. M. G. Denisova. Klin. med. 39 no. 5:50-59 My '61.

Pathogenesis of acute disorders of coronary circulation; Clinical and physiological parallels. A. V. Lebedinskii. Klin. med. 39 no. 5:52-55 My '61.

Renal blood circulation and the filtration-resbsorption capacity of the kidneys in patients with chronic coronary insufficiency [with summary in English]. M. I. Zolotova-Kostomarova, M. P. Altunian. Terap. arkh. 31 no. 4-38-45 Ap '59.

CORONARY VESSELS

Effect of euphyllin on the coronary flow, experimental study. B. N Bezborod'ko Farm i toks. 24 no. 1 70-71 Ja-F '61.

Effect of heparin on the coronary circulation [with summary in English] Z. T Samoilova, V. V Rlazhenov. Farm. i toks. 24 no. 1 66-70 Ja-F '61.

CORONARY VESSELS—DISEASES

Changes in cardiac output and general peripheral resistance following obstruction of the coronary artery [with summary in English]. A V. Vinogradov, L I Dmitrieva. Biul. eksp. biol. i med. 50 no. 7 27-33 Jl '60.

Some results of the use of strophanthin in coronary insufficiency. D. M. Abdullaev. Azerb. med. zhur. no. 4. 87-92 Ap '60.

CORONARY VESSELS—INNERVATION

Topography of the nerves of the coronary arteries T I Lavrova Khirurgiia 37 no 5-30-34 My '61

Zones of primary skin reactions under the influence on the receptor apparatus of the coronary vessels and pericardium [with summary in English]. I. P IAsinovskaia. Biul. eksp. biol. i med. 51 no. 3 8-13 Je '61.

CORPULENCE

Gas exchange in experimental hypothalamic adiposity [with summary in English]. IA. M. Kubak, S. M. Leites, V. P. Al'khimeniuk. Biul. eksp. biol. i med. 51 no. 2.14-20 F '61.

Tabolov, V. S. [Corpulence and its treatment at health resorts of the Caucasus Mineral Waters region] Ozhirenie i ego lechenie na kurortakh Kavkazskikh Mineral'nykh Vod. [Stavropol'] Stavropol'skoe knizhnoe izd-vo, 1960. 77 p. (DNLM)

CORRESPONDENCE SCHOOLS AND COURSES

Faculties of general technical education enter our life to stay. A. G Bondar'. Vest vys shkoly 19 no. 5:48-55 My '61

Let's help field laborers get a higher education. N. P. Tret'iakov. Vest. vys. shkoly 19 no 5-34-11 My '61

Television as an aid to correspondence students. G. V. Fisher. Sred. spets. obr. 8 no 5 36-39 My '61.

Training and consultation center in Rostov-on-Don. N. Utkin Zhil.-kom. khoz. 11 no. 2.23-24 F '61.

CORROSION AND ANTICORROSIVES

Amino salts of certain inorganic acids as inhibitors of the atmospheric corrosion of metals. S. A. Glintsberg, A. V. Shneider. Zhur. prikl khim. 33 no. 10-2360-2360 O '60

Anodic polarization, a new method for the electrochemical protection of metals from corrosion. N. D. Tomashov, G. P. Chernova. Khim. mash. no 3 30-33 My-Je '61.

Anticorrosive insulation of the inner surface of gas pipelines. IU. I. Bokserman, K. S. Zarembo, B. P. Shevelev. Gaz. prom. 6 no. 5.32-37 My '61.

Corrosion of tank cars used for acid transportation. S. A. Gladyrevskaia. Trudy TSNII MPS no. 208:99-113 '61.

Effect of some inhibitors on the corrosion cracking of IKh18N9 steel in 42% $MgCl_2$ solution [with summary in English]. N. I. Podobaev, S. A. Balezin, V. V. Romanov. Zhur. fiz. khim. 35 no. 4:748-753 Ap '61.

Mechanism of the electrochemical corrosion of metals under insulating coatings. Part 3. Work of macrocorrosion couples formed in the case of a discontinuous insulation of metal surface with thin protective films [with summary in English]. N. D. Tomashov, IU. N. Mikhailovskii, V. V. Leonov. Zhur. fiz. khim. 35 no. 4: 736-742 Ap '61.

Metal corrosion of refrigerator cars and its control. S. N. Kazarnovskii. Trudy TSNII MPS no. 208:60-98 '61.

Pitting corrosion inhibitor. N. G. Chen. Zhur. prikl. khim. 33 no. 10.2300-2305 O '60.

Study of metal corrosion in the experimental hole of the IRT reactor. A. V. Bialobzhenskii, V. D. Val'kov. Atom. energ. 10 no. 5:525-526 My '61.

Study of the pitting corrosion of a metal under stress by means of the modeling method L. N Tarasova, V. V Romanov, N. I. Kudinova Zhur. prikl. khim. 33 no 10: 2285-2290 O '60.

Trufanova, A. I., Reznik, M. B. [Extending the life of metals] Prodlenie zhizni metalla [Tula] Tul'skoe knizhnoe izd-vo, 1960. 110 p.

Use of by-product coke plant waste water for the protection of metals against corrosion. N. G Chen. Zhur. prikl. khim 33 no 10;2305-2310 O '60.

Welding rod for the automatic deposition of an anticorrosive coating on vessels for work in aggressive media. Z. I. Kopel'man-Serpukhova, V. V. Ardentov, N. P. Komarova. Svarka 2-77-83 '59.

CORTICOSTEROIDS

Therapeutic use of the corticosteroid hormones. I. A. Kassirskii, L. M. Petrova. Vest. AMN SSSR 14 no. 6-10-27 '59.

CORTICOSTERONE

New synthesis of 18-nor-11-deoxycorticosterone acetate. M. B. Gorovits, N. K. Abubakirov. Dokl AN SSSR 136 no. 5:1082-1085 F '61.

CORTISONE

Basic principles of hormone therapy for patients with communicable diseases. G. P. Rudnev, IU. N. Gurskii. Lech. infekts. bol'. no. 4 199-209 '60.

Changes in subcutaneous connective tissue in rats after cortisone treatment [with summary in English] IU. A Rovenskii Biul. eksp. biol i med. 50 no. 7 99-102 Jl '60.

Comparative study of the influence of X-rays, cortisone, alkylating agents and 9, 10-dimethyl-1, 2-benzathracene on the growth heterologous tumors [with summary in English]. IU. M. Vasil'ev, A. M. Garin Pat fiziol i eksp. terap. 5 no. 2:40-43 Mr-Ap '61

Cortisone and ACTH therapy for severe forms of eczema in very young and older infants M E Lipets Probl endok i gorm 7 no 2 47-51 Mr-Ap '61

Differentiated evaluation of the effectiveness of ACTH and drugs similar in type to cortisone in chronic brucellosis. IU. N. Gurskii. Lech. infekts. bol'. no. 4: 210-218 '60.

Effect of cortisone acetate on the activity of transaminases in rabbit tissues [with summary in English]. L. G Razina Vop. med khim 6 no. 2:136-145 Mr-Ap '60.

Effect of the local administration of corticosteroids on the course of focal purulent infection and the therapeutic effect of antibiotics [with summary in English] V. N. Solov'ev, E. M Sokolova. Pat fiziol i eksp. terap. 5 no. 2:39-45 Mr-Ap '61

Mechanism of the effect of cortisone on hyperthermia caused by 2, 4-dinitrophenol in rabbits [with summary in English]. V. I. Pytskii. Biul. eksp. biol. i med. 51 no. 3:49-52 Mr '61.

Peculiarities in the clinical aspects and antibiotic therapy in the over-all treatment of present-day brucellosis. G. P. Rudnev, M. M. Mikhailova. Lech. infekts. bol'. no. 4:164-168 '60.

Some clinical and laboratory data on the use of cortisone and prednisone in the treatment of a number of dermatoses R. G. Gabitova. Vest. derm i ven 35 no. 4:36-39 Ap '61

Treatment of typhus fever with antibiotics and hormone preparations. Report No. 4. Treatment with levomycetin. E. A. Gal'perin, A. V. Eremenko. Lech. infekts. bol'. no 4:126-143 '60.

Treatment of typhus patients with a combination of ACTH or cortisone and oxytetracycline [with summary in English]. E. A. Gal'perin, A. V. Eremenko. Antibiotiki 5 no. 2 105-110 Mr-Ap '60

CORUNDUM

(see also subdivision under Sangilen Ridge)

Investigating the electron paramagnetic resonance spectrum of V^{3+} in corundum [with summary in English]. G. M. Zverev, A. M. Prokhorov. Zhur. eksp. i teor. fiz. 38 no. 2:449-454 F '60.

Pavlushkin, N. M. [Sintered corundum] Spechennyi Korund. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 206 p.

CORYNEBACTERIUM

Effect of nupharine on the fermentation and respiration of Staphylococcus aureus and Corynebacterium michiganense. S. I. Novykova. Mikrobiol. zhur. 23 no. 1:51 55 '61.

COSMETOLOGY see Beauty culture

COSMIC RAYS

Absorption of cosmic radiation by iron meteorites [with summary in English]. L. K. Levskii. Geokhimiia no. 3:274-277 '60.

Effect of the initiating particle on the three dimensional development of a cascade shower. V. V. Guzhavin, I. P. Ivanenko. Zhur. eksp. i teor. fiz. 38 no. 2:662-664 F '60.

Investigating a high energy interaction in photographic emulsion [with summary in English]. Kh. P. Babaian, M. G. Sarinian, E. R. Tumanian. Zhur. eksp. i teor. fiz. 38 no. 2:313-318 F '60.

School laboratory counter for ionizing particles. V. A. Burov, A. A. Pokrovskii. Fiz. v shkole 20 no. 2:74-75 Mr-Ap '60.

Transition effect in slabs in lead and graphite absorbers caused by cosmic rays [with summary in English]. T. V. Varsimashvili. Zhur. eksp. i teor. fiz. 38 no. 2:319-323 F '60.

COSMOGONY—STUDY AND TEACHING

Studying cosmogony. M. A. Dolgii. Fiz. v shkole 20 no. 2: 44-45 Mr-Ap '60.

COST ACCOUNTING

Economic analysis of production costs. IU. Aliakrinskii. Bukhg. uchet 18 no. 5 27-34 My '61.

COST AND STANDARD OF LIVING

(see also subdivision under Aldan District)

In the interests of the people. Sov. torg. 33 no. 4:16-17 Ap '60.

"Methodological problems in studying workers' living standards." Reviewed by I. Malyi. Vest. stat. no 5:76-82 '61.

Novo-Moskovskaya 23. N. Saliev. Uzbekistan 19 no. 2: 14-15 F '60.

That which is not on the record. M. Markovich. Novyi mir 36 no. 5:279-281 My '60.

The U. S. S. R. becomes the country with the highest standard of living. Sov. torg. 33 no. 4 12-14 Ap '60.

We need this kind of propaganda IU. Zhernov, S. Larin, N. Bolgarov. Novyi mir 36 no. 5 278-279 My '60

COST AND STANDARD OF LIVING—CONGRESSES

Problems of the long-range planning of living standards in the socialist countries. V. Kipolenko. Biul. nauch. inform. trud i zar. plata 4 no. 5 55-59 '61.

COSTA, SEQUEIRA

Sequeira Costa. M. S. Sov. muz. 25 no. 6:163-164 Je '61.

COSTS, INDUSTRIAL

(see also subdivision under Moscow, Voronezh)

Eremenkova, E. I. [What is production cost] Chto takoe sebestoimost' produktsii. [Leningrad] Lenizdat, 1960. 41 p. (Osnovy ekonomicheskikh znanii kazhdomu rabochemu)

COSTUME see subdivision under Ramat

COSTUME, SLAVIC

Comparative study of the history of Bulgarian and eastern Slavic national costumes and the problem of the ethnic origin of the Bulgarian people. IA. P. Prylypko. Nar. tvorch. ta etn. 5 no. 1 69-76 Ja-F '61.

COTTON

Akademiia nauk Uzbekskoi SSR, Tashkent. [Cotton] Khlopchatnik. Tashkent.

Vol. 4. [Physiology and biochemistry of cotton] Fiziologiia i biokhimiia khlopchatnika. 1960 704 p.

Development of cotton embryos and their viability when isolated from the organism. M. V. Omel'chenko Izv AN Uz SSR no. 9:23-29 '56.

On the rate of photosynthesis in the cotton leaf V. S. Matveeva. Uzb. biol. zhur. no. 2:16-18 '60.

Quality of raw cotton and fiber following the defoliation of cotton by means of new chemicals. M. K. Aleksandrov, V. F. Gerasimova. Izv AN Uz SSR no 9:43-47 '56

Role of cotton leaves accompanying the fruit-producing organs V. S. Omel'chenko Izv. AN Uz. SSR no. 10: 19-23 '56.

Studying the pigmentary composition of kinds of cotton differing in their ripening time by the paper chromatography method. R. A. Azimov. Uzb. biol. zhur. no. 2:30-36 '61.

COTTON—FERTILIZERS AND MANURES

Effect of organic fertilizers derived from by-products of the petroleum industry on the yield of raw cotton and soil microflora [in Azerbaijani with summary in Russian]. G. S Kasimova, A A Guseinov Uch. zap. AGU Biol. ser. no. 4 21-31 '60.

Effect of the nutrient area and rate of fertilization on cotton yield P. P. IAzykov, M A Ermoshenko, P IA. Popova. Izv. AN Uz. SSR no 9, 31-41 '56

Moisture conditions and the development of cotton under various concentrations of the nutrient solution [with summaries in English, German, and French]. S. N. Ryzhov, M. I. Agapova. Vest. sel'khoz. nauki 6 no. 5: 22-28 My '61.

COTTON—IRRIGATION

Irrigation of cotton fields. D. A. Shtolko. Nauk. pratsi Ukr. nauk.-dosl. inst. zrosh. zemil. 1:175-197 '59.

Sprinkler irrigation of cotton and the control of water loss from irrigation canals. P V. Donskoi. Izv. AN Uz SSR no. 12, 110-111 '56.

COTTON—MOISTURE

Equilibrium moisture of raw cotton. V. K. Korolev. Izv. AN Uz. SSR no. 7:57-60 '56

Moisture of raw cotton as a factor in spontaneous heating. V. K Korolev. Izv AN Uz. SSR no. 10:25-33 '56.

COTTON—STORAGE

There is only one worker in the workshop.... A. Mailiants. Uzbekistan 19 no. 12:9 D '59.

COTTON—TRANSPORTATION

Truck attachment for the bulk transportation of raw cotton. A. Shul'ga. Avt. transp. 39 no. 5:20-21 My '61.

COTTON—VARIETIES

Unique variety. Znan. ta pratsia no. 5:22 My '61.

COTTON BREEDING

Interspecific hybridization of G. barbadense and G. hirsutum cotton. P. G. Savov. Agrobiologiia no. 3:467-468 My-Je '61.

Producing large-boll forms of cotton through cross-pollination. T. U. Polotebnova. Izv. AN Uz. SSR no. 4:13-17 '58.

Role of vegetative hybridization in the creation of new forms and varieties of cotton S. S. Sadykov, S. M Mirakhmedov. Uzb. biol. zhur. no. 2:8-15 '60.

Work of the laboratory for controlling the heredity of plants and its tasks. S. S. Sadykov. Uzb. biol. zhur. no. 2:3-6 '61.

COTTON FABRICS

Studying the kinetics of gluing samples of unbleached cotton fabrics with casein adhesives V S Mentsov, S S Vasil'ev Izv vys. ucheb. zav., tekh. leg prom. no 1 71-79 '60

COTTON GINS AND GINNING

For a correct interpretation of the relation between gin capacity and the volume of ginning output. T. U. Utametov and others. Tekst. prom 20 no 3 32-35 Mr '60.

COTTON GROWING

(see also subdivision under Dzhizak District; Gizhduvan District; Golodnaya Steppe; Kara Kum, Uzbekistan)

Damage to the root system of cotton during cultivation and its regeneration E G Osipova Izv AN Uz SSR no. 12 25-30 '56.

Dynamics of humus in soil under grassland-cotton rotation systems [in Azerbaijan with summary in Russian]. K. S. Ragimov. Izv. AN Azerb. SSR, Ser. biol. i med. nauk no. 1:81-90 '60.

Effect of soaking seeds in solutions of trace elements on cotton yield. I. A. Dzhalilov. Izv AN Uz SSR no 6 57-62 '56

Measures for speeding up the developing and ripening of cotton plants. M. M. Horlans'kyi, K. E. Burzi. Nauk. pratsi Ukr. nauk.-dosl. inst. zrosh. zemi. 1, 155-174 '59.

Some features of mechanized interrow tillage of cotton when interrows are narrow Sh. Z Bakhtiarov. Izv. AN Uz SSR no 4 19-25 '56

Testing defoliants on cotton plants with different degrees of water availability and maturity U Mukhitdinov Uzb biol zhur. no 2 19-23 '60

COTTON MACHINERY

Speed up the over-all mechanization of cotton growing. N. V. Martynov. Trakt. i sel'khozmash. 31 no. 5:2-3 My '61.

There is only one worker in the workshop.... A. Mailiants. Uzbekistan 18 no. 12 9 D '59.

COTTON MACHINERY—STANDARDS

Types and basic parameters of cotton-spinning machines. Ch. Anna-Seidov. Standartizatsiia 25 no. 5:15-17 My '61.

COTTON MANUFACTURE see subdivision under Ivanovo; Moscow Province

COTTON MANUFACTURE—EQUIPMENT AND SUPPLIES

Vladimirov, B. M., and V. F. Beloshapko. [Over-all modernization of the equipment of cotton-spinning factories] Kompleksnaia modernizatsiia oborudovaniia khlopkopriadil'nykh fabrik. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1960. 156 p.

COTTON MILLS see Textile factories

COTTON-PICKING MACHINERY

(see also subdivision under Tashkent)

Economic efficiency of mechanized cotton harvesting; based on material from the Dal'verzin State Farm No 1, Tashkent Province. V. G. Glinianyi Izv AN Uz. SSR no. 9:13-22 '56.

COTTON SPINNING

Cotton mixing and cleaning processes in the organization of automatically controlled production lines. N. N. Pozhidaev. Izv. vys. ucheb. zav.; tekh. teks. prom. no. 2:43-46 '61.

Ippolitov, IA. IA. [Effect of air parameters and moisture content of the cotton on spinning] Vliianie parametrov vozdukha i vlazhnosti khlopka na protsess priadeniia. Pod red. K. N. Rattelia. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1960. 59 p.

COTTONSEED

Raising the oil content of cottonseeds. Report No. 2. A. L. Markman and others. Masl.-zhir. prom. 27 no. 5:18-20 My '61.

COTYLEDON (ANATOMY) see Placenta

COULOMB FUNCTIONS

Hydrogenlike wave functions of atoms and ions [with summary in English]. I. M. Antonova, V. F. Bratsev. Vest. LGU 16 no. 10:5-7 '61.

COUMARIN

Effect of heparin and dicoumarin on the toxicity and concentration of strophanthin [with summary in English]. IA. I. Zaidler, E. I. Gvozdeva. Farm. i toks. 24 no. 1:80-83 Ja-F '61.

COUNTING DEVICES

Coin-counting machines. M. Kozhevnikov. Den. i kred. 19 no. 5:56-63 My '61.

Counter on the MP machine. E. N. Malafeev. Poligr. proizv. no. 4:22 Ap '61.

COUNTING DEVICES—TESTING

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 60-54 for checking counting balances] Instruktsiia 60-54 po poverke schetnykh vesov. Izd. ofitsial'noe. Moskva, 1956. 11 p.

COUPLINGS

Moment of friction, efficiency, and reduced coefficient of friction of an articulated coupling. A. I. Solov'ev. Izv. vys. ucheb. zav., mashinostr. no 1 76-82 '60

Turbocouplings in the drive of mine conveyors. V. M. Levenshtein, L. G. Shakhmeister. Nauch. rab. stud. GNSO MGI no. 7, 116-140 '59.

COURIER, PAUL LOUIS, 1773-1825

Characteristics of the language and style of Paul Louis Courier's pamphlets A. N. Tetervnikova Uch. zap. LGU no 299, 213-223 '61

COURTS

(see also subdivision under India, Kiev, Leningrad, Moldavia, Smolensk Province)

A strange document. O. V. Sots. zakon. 38 no 6 59 Je '61

Three years later. Nikolaevskaia. Sots. zakon. 38 no. 6 59 Je '61

V. I. Lenin on the democratic nature of Soviet courts. IU. Frolov. Rad. pravo no. 2 55-59 Mr-Ap '60

V. I. Lenin's theoretical views on courts and justice A. Ryvlin Rad. pravo no 2 48-51 Mr-Ap '60.

COURTS OF HONOR

Judged by comrades. I. Komarov, N. Dugin. Pozh. delo 7 no. 5 8 My '61

COWS

Some results of a study on the secretory function of the abomasum in cows Kh. Sh. Khairutdinov Uzb. biol. zhur no 2 52-57 '60

COXSACKIE VIRUSES

Clinical aspects of serous meningitis caused by Coxsackie viruses [with summary in French]. I. A. Kirichinskaia, G. F. Kolesnikov, B. G. Krasnov Zhur. nevr. i psikh. 60 no 3 273-279 '60

Neuritis of the facial nerve caused by Coxsackie virus [with summary in French] M. A. Vashchenko, N. F. Golub Zhur. nevr. i psikh. 60 no 11, 1416-1422 '60.

CRABS

Some data on the structure of the striated muscles of crabs N. G. Kastrikin Nauch. dokl. vys. shkoly, biol. nauki no 2, 68-70 '61.

CRACKING PROCESS

(see also subdivision under Omsk)

Acceleration and inhibition of cracking of n-heptane in fused aluminum and sodium at 300-800°. A. V. Topchiev and others. Trudy Inst. nefti 14, 5-11 '60.

Apparatus for demonstrating petroleum cracking. P. A. Petrosian. Khim. v shkole 16 no. 3 86 My-Je '61

Areshidze, Kh. I. [Study of the chemical properties of Georgian petroleums and contact conversions of hydrocarbons in the presence of gumbrin] Issledovanie khimicheskoi prirody neftei Gruzii i kontaktnykh prevrashchenii uglevodorodov v prisutstvii gumbrina. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1960. 232 p.

CRANES, DERRICKS, ETC.

(see also subdivision under Leningrad)

Additional brake for the boom winch on the E-1003 and E-1004 track-laying crane. I. D. Aleshin. Strol. i dor. mash. 6 no. 2, 8 F '61.

Analysis of the torsion of gantry crane boom elements with stayed extension pieces. B. Zhermunskii. Mor. flot 21 no. 5, 10-11 My '61.

Crane tracks free of joints in plants of a metallurgical combine. N. E. Gorozhaninov, L. I. Zverev. Stal' 21 no. 5 477-478 My '61.

Experimental determination of the angle of deflection from the vertical of hoist ropes by the method of photogrammetry. F. M. Leiner. Trudy TSNIIMF 7 no. 32, 107-111 '61.

Improving designs of separate "RMZ"-crane units. V. Sadovnikov. Rech. transp. 19 no. 2, 41 F '60

Load deflection during gantry crane operations. N. Grigor'ev, S. Medvedik. Rech. transp. 20 no. 5, 16-17 My '61.

Mechanization of loading and unloading operations at the Gorkiy docks. Z. Sherle Rech. transp. 19 no 2, 15 F '60.

Modernization of the RMZ and "Staryi Burlak" steam cranes S. Shkol'nikov, K. Lazarenko. Rech. transp 20 no 3 43-45 Mr '61

New K-255 crane with a lifting capacity of 25 tons. IU. B. Spitiner, G. I. Chernetskii. Strol. i dor. mash. 6 no. 2, 7 F '61.

Power-propelled sunken-tree lifter. V. Kharitonov, V. Zaitsev. Rech. transp. 20 no. 5, 54-55 My '61.

Stability of jib tower cranes. M. B. Mekler. Bezop. truda v prom. 5 no. 5, 5-8 My '61.

Voronets, V. S. [Manual of a crane operator] Pamiatka kranovshchika. Izd. 4. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959. 104 p.

CRANES, DERRICKS, ETC.—CONGRESSES

Congress on improvement of the design and operation of cranes used in construction and mounting. V. I. Idashkin, Gidr. strol. 30 no. 5, 62-63 My '60.

CRANES, DERRICKS, ETC.—SAFETY MEASURES

Organizing safe operation of tower cranes. IU. N. Karnaukh. Bezop. truda v prom. 4 no. 5, 25-26 My '60.

CRANES, DERRICKS, ETC.—TECHNOLOGICAL INNOVATIONS

Drills do not stop. Izobr. i rats. no. 5, 37 My '61.

CRANIOLOGY see subdivision under Kazakhstan

CRANKS AND CRANKSHAFTS

Angles of transmission in crankgears. M. B. Edilian. Sbor. nauch. trud. ERPI no. 20, 117-126 '59.

Calculating six parameters of three-dimensional crankgears having an approximately uniform motion V. IA. Beletskii. Izv. vys. ucheb. zav., mashinostr. no. 1 20-23 '60.

Conditions for the action of a crank. A. T. Gazarov. Sbor. nauch. trud. ERPI no. 20, 137-146 '59.

Device for raising the crankshaft of the KDM-46 engine Transp. stroi. 11 no. 4, 54 Ap '61

Ejection devices for drop-forging presses manufacturing crankshafts. E. N. Ermolaev, V. K. Chesnokov, IU. P. Volik. Avt. prom. 27 no. 5, 38-41 My '61.

CRAWLER TRACTORS

Automatic machine for checking track pins. Z. L. Tubenshlak, A. S. Tikhomirov. Trakt. i sel'khozmash. 31 no. 5, 43-44 My '61.

Automation and mechanization in making track links. S. N. Aver'ianov, I. F. Shapovalov. Trakt. i sel'khozmash. 31 no. 5, 39-43 My '61.

Method for the direct measurement of the slippage of crawler tractor tracks. D. K. Alekperov. Trudy MIMESKH 6, 345-349 '59.

Slippage of crawler tractor tracks. G. A. Leont'ev. Trakt. i sel'khozmash. 31 no. 5, 16-18 My '61.

The T-108 crawler tractor. I. S. Kav'iarov, N. S. Kuznetsov. Biul. tekh.-ekon. inform. no. 4, 57-59 '61

TB-4 bog tractor. B. Gakhenson. Tekh. v sel'khoz. 20 no. 4, 74-76 Ap '60.

CRAWLER TRACTORS—DYNAMICS

Dynamics of the sagging branch of the crawler tread. V. V. Ignatenko. Izv. vys. ucheb. zav. ;mashinostr. no. 3, 3-10 '61.

Investigating dynamic indices of the idler wheel of the crawling gear of a tractor. M. I. Medvedov, M. N. Kodenko. Izv. vys. ucheb. zav. ;mashinostr. no. 3, 124-136 '61.

CREATIVE ACTIVITIES AND SEAT WORK

Modeling and play. F. M. Voronchikhina. Doshk. vosp. 34 no. 5, 30-33 My '61.

CREDIT

Issuing credit to industrial enterprises on the basis of material turnover. Den. i kred. 19 no. 5, 81-86 My '61.

State Bank tasks in the seven-year plan ("Credit system in the seven-year plan" by A. K. Korovushkin. Reviewed by S. Mekhanik). Den. i kred. 19 no. 5, 87-91 My '61.

CREEP OF METALS

Comparing various methods for determining the yield strength based on hardness. M. P. Markovets, A. F. Karashchuk. Zav. lab. 27 no. 5, 599-604 '61

Evaluating the magnitude and disorientation of subgrains occurring during creep on the surface and inside of specimens V. M. Rozenberg. Fiz. met. i metalloved. 9 no. 4, 621-625 Ap '60.

Method of testing wire materials for creep in torsion. I. B. Kalachev, B. V. Shanshein. Zav. lab. 27 no. 5, 582-585 '61.

Portable instrument for determining the yield strength of tubes based on hardness. M. P. Markovets, A. F. Karashchuk. Zav. lab. 27 no. 5, 615-616 '61.

Time strength relation in dynamic tension. B. M. Rovinskii, L. M. Rybakova. Fiz. met. i metalloved. 9 no. 4, 598-605 Ap '60.

CREEP OF TITANIUM—TESTING

Investigation of titanium alloys with tungsten, aluminum, beryllium and boron. N. T. Gudtsov, I. P. Panchenko. Titan i ego splavy no. 1, 114-123 '58.

CRESOL

Fluoborate catalyst for the isomerization of cresols M. Kraus, K. Kochloeft, V. Bažant. Probl. kin. i kat. 10, 279-284 '60.

Synthesis of 2, 6-di-tert-butyl-4-methylphenol. V. I. Isaguliants, N. A. Favorskaia, V. N. Tishkova. Zhur. prikl. khim. 34 no. 3, 693-694 Mr '61.

CRETE—HISTORY

National liberation movement and the class struggle in Crete during the first 150 years of Venetian rule. N. P. Sokolov. Uch. zap. GGU no 46, 31-51 '59.

CRIME AND CRIMINALS

(see also subdivision under Chicago; Tashkent)

Against those who shun work. Sov. deput. trud. no. 6, 39-40 Je '61.

The beginning of a biography. Anatolii Bezuglov. Sots. zakon. 37 no. 4, 58-62 Ap '60.

The concept of "similar criminal offenses" V. Kudriavtsev, IU. Severin Sov. iust no 10, 10-13 My '61

The decree of the Presidium of the Supreme Soviet of the U.S.S.R. on the "Intensification of the struggle against vicious criminal offenses" Sots. zakon. 38 no 6 5 Je '61

For the Soviet people. Sots. zakon. 38 no. 6, 3-4 Je '61.

He who does not work neither shall he eat. Sov. iust. no 11, 1-2 Je '61

In the Presidium of the Supreme Soviet of the R.S.F.S.R. Sov. iust. no 10, 24-25 My '61

Increasing the role of Communist Youth League organizations in the effort to eliminate breaches of public order; from a decision of the Seventh Plenum of the Central Committee of the Communist Youth League, Komsom. zhizn' no. 4, 22-30 F '60.

New laws and regulations enacted by the ministries and governmental agencies of the U.S.S.R. and the Union Republics. Sots. zakon. 38 no. 6, 84-86 Je '61.

We must severely punish incorrigible criminals. S. Baksheev Sov. iust. no 11, 20-21 Je '61

CRIME PREVENTION

(see also subdivision under Gulyay-Pole District; Zolotonosha District)

Prevention of premeditated murders. G. Kochanov. Sots. zakon. 38 no 6, 19-27 Je '61.

Proposed law on "Enhancing the role of our people in the struggle against the violation of Soviet laws and the rules of socialist public order" S. Ponchenko Sots. zakon 37 no 4, 41-42 Ap '60

V. I. Lenin on the participation of the masses in government Sots. zakon 37 no 1, 3-6 Ap '60

The work of auxiliary policemen helps to prevent criminal offenses. S. Gusev. Sots. zakon. 38 no. 6, 15-18 Je '61

CRIMEA—BOVIDAE, FOSSIL

Macotic mountain goat in the Crimea. V. Bogachev. Trudy AzNII DN no 9, 61-70 '60.

CRIMEA—CAVES

In underground labyrinths. V. Sadov. Znan. ta pratsia no. 5, 10-11 My '61.

CRIMEA—FOREIGN RELATIONS—RUSSIA

The written reports of Russian envoys to the Crimea in the 17th century; special forms and methods of their preparation A. A. Novosel'skii. Probl. istoch. no. 8, 152-194 '61.

CRIMEA—FORESTS AND FORESTRY—EXPERIMENTAL AREAS

Crimean Experimental Mountain Forest Station. Biul. nauch.-tekh. inform. UkrNIILKhA no. 5, 87-91 '59.

CRIMEA—GAS, NATURAL—GEOLOGY

Basic geological characteristics, and oil and gas potentials of the northwestern part of the Crimea-Caucasus province. E. A. Shcherik. Trudy VNIGNI no. 10, 181-200 '58.

CRIMEA—GEOLOGY, STRATIGRAPHIC

Lower Paleogene stratigraphy in the Crimea. E. K. Shutskaia. Trudy VNIGNI no. 10, 107-113 '58.

CRIMEA—GEOLOGY, STRUCTURAL—MAPS

Structural map of lower Tertiary and upper Cretaceous sediments in the eastern Crimea and Sivash region based on seismic data. B. L. Hurovych. Geol. zhur. 20 no. 2, 98-101 '60.

CRIMEA—HEALTH RESORTS, WATERING PLACES, ETC.

Big works in the Crimea. M. Tishin. Okhr. trudа i sots. strakh. 4 no. 5, 27-28 My '61.

CRIMEA—INTERNATIONAL COOPERATION

The dialogue continues. G. Gurkov. Ogonek 39 no. 22, 3 My '61.

CRIMEA—LIMESTONE

Lower Paleocene "Polovetsk" limestone in the Crimea [with summary in English]. O. S. Vialov. Biul. MOIP. Otd. geol. 36 no. 1, 106-114 Ja-F '61.

CRIMEA—PETROLEUM GEOLOGY

Basic geological characteristics, and oil and gas potentials of the northwestern part of the Crimea-Caucasus province. E. A. Shcherik. Trudy VNIGNI no. 10, 181-200 '58.

CRIMEA—PLANE TREE

Plane trees in the Crimea. I. E. Pshenichnyi. Biul. Glav. bot. sada no. 38, 22-31 '60.

CRIMEA—ROAD CONSTRUCTION

Road construction workers of the Crimea have met their obligation. I. Kirichev. Avt. dor. 24 no. 4, 32 Ap '61.

CRIMEA—TUBERCULOSIS

Some indications of the lowered infectivity of tuberculosis in children in Crimea and Simferopol. O. M. Krushevskaia. Probl. tub. 38 no. 4, 25-27 '60.

CRIMEA—WATERFALLS
The Dzhur-Dzhur Falls. V. IEna. Ukraina no. 10:32 My '61.

CRIMEAN MOUNTAINS—ENGINEERING GEOLOGY
Regionalization of the Crimean Mountains for purposes of engineering geology Chien Hsiang-ling. Trudy MGRI 38 139-145 '60

CRIMEAN MOUNTAINS—FOLDS (GEOLOGY)
Type of folding in the flysch formation within the uplift of the Vitnyanskoye region in the Crimea. V. S. Saslavych. Geol. zhur. 20 no. 2, 101-108 '60.

CRIMEAN MOUNTAINS—GEOLOGY, STRUCTURAL
Role of recent tectonic movements in the development of landslide processes on the southern shore of the Crimea. M. V. Churinov, I. M. TSypina. Vop. gidrogeol. i inzh. geol. no. 18:83-92 '59.

CRIMEAN MOUNTAINS—LANDSLIDES
Role of recent tectonic movements in the development of landslide processes on the southern shore of the Crimea. M. V. Churinov, I. M. TSypina. Vop. gidrogeol. i inzh. geol. no. 18:83-92 '59.

CRIMINAL INVESTIGATION
(see also subdivision under Bakhmach District)
Against confusion and ignorance. F Smirnov Sots zakon 37 no. 4 64-65 Ap '60
Expertise to establish place and time of the production of manufactures S. Sh. Kasimova. Sov. krim. na sluzh. sled. no. 14, 64-79 '61.
How to investigate thefts of socialist property. F. Lopushans'kyi. Rad. pravo no. 3:46-49 My-Je '61.
In the service of criminal investigation. N. A. Selivanov, A. A. Eisman. Priroda 50 no. 6, 69-73 Je '61.
A murderer couldn't get away from punishment. I. Aranovskii. Sots. zakon. 38 no. 6 72-75 Je '61.
The possible use of ultrasonics in criminal investigation. G. S. IUrin Sov. krim. na sluzh. sled. no 14 114-136 '61.
Public participation in the solution of crimes. IE. Stasiuk, I. Khopers'kyi, A. Onyshchenko. Rad. pravo no. 3 37-40 My-Je '61.
Put an end to the unfounded remittals of criminal cases for further investigation P. Pospelov. Sov just no 11 15 Je '61.
Some problems concerning the investigation of thefts in the produce trade. E. D. Kunanova. Sov. krim. na sluzh. sled. no. 14 9-15 '61
We solved all crimes without exception. A. Ryasnidin. Sots. zakon. 38 no. 8 62-63 Je '61

CRIMINAL JUSTICE, ADMINISTRATION OF
(see also subdivision under China, Germany, East, Germany, West, Shcherbinovskiy District, Ukraine)
Akademiia nauk BSSR, Minsk. Otdzel pravovykh nauk. [The Soviet people and their participation in ensuring a strict observance of laws] Sovetskaia obshchestvennost' i ukreplenie pravoporiadka. Minsk, 1961. 232 p.
Follow-up of articles published in "Sotsialisticheskaia zakonnost'." Sots. zakon. 38 no. 6 55-56 Je '61.
How the new codes solve the problem of public participation in the struggle against crime. IA. Brainin. Rad. pravo no. 3:79-85 My-Je '61.
Important form of ensuring a strict observance of laws. D. Nigmatullin. Sots. zakon. 38 no. 6 61-62 Je '61.
In the offices of public prosecutors, ministries of justice, and supreme courts of the Union Republics Sots zakon 37 no 4, 78-79 Ap '60.
Our readers discuss the public contacts of prosecutors and courts Sots zakon 37 no 4 53 Ap '60
Proposed law on "Enhancing the role of our people in the struggle against the violation of Soviet laws and the rules of socialist public order " S. Panchenko Sots zakon 37 no. 4-41-42 Ap '60
Put an end to the unfounded remittals of criminal cases for further investigation P Pospelov Sov. just. no, 11 15 Je '61
Some problems concerning the role of lay prosecutors and defenders in judicial proceedings. A Davydovych Rad pravo no 2 94-95 Mr-Ap '60
Supervisory examination of criminal cases. P. Lukanov. Sots. zakon. 38 no. 6 35-36 Je '61

CRINOIDEA, FOSSIL see subdivision under Ural Mountains

CRINOTHENE see Polyethylene

CRITICISM, COMMUNIST see Communist self-criticism

CRITICISM, TEXTUAL
Problems of textual criticism in contemporary Italian studies ("History of textual transmission and criticism" [in Italian] by Giorgio Pasquali Reviewed by E I. Bobrova) Trudy ODRL 17 653-671 '61

CROATIA—HISTORY
New books on the history of political struggle in Hungary and Croatia in the early 20th century. V. I. Freidzon. Kirat. scob. Inst. slav. no. 31 125-129 '61.

CROP YIELDS
Sewage irrigation fields and crop yields. A. I. L'vovich, I. P. Kanardov, V. M. Novikov. Priroda 50 no. 5 95-97 My '61

CROPS AND CLIMATE
Effect of meteorological conditions on the accumulation of bitter substances and the morphology of cones in different hop varieties. D A. Garbuzova Bot zhur 46 no 4 551-555 Ap '60

CROSS, SIGN OF THE
Ilarion, Metropolitan of Winnipeg and ALL Canada. [The sign of the Cross; theological and historical study] Khresne Znamenuia; Bohoslovs'ko-istorychna studiia. Winnipeg, Ukr. Naukove Pravoslavne Bohoslovs'ke Tovarystvo, 1955. 152 p.

CROWS see subdivision under Azerbaijan

CRUSHING MACHINERY
Automated crushing and grading plant. A. A. Dudko, I. IA. Kolker. Stroi. mat. 7 no 4:20-23 Ap '61.
New laboratory equipment for comminution of materials into fine particles. S. B. Kheifets Zav lab 27 no 5: 610-612 '61
We discuss D. S. Moslagin's article. Stroi. i dor. mash. 6 no. 2:37 F '61.

CRUSHING MACHINERY—ELECTRIC DRIVING
Electric drive in cone-type crushers M. V. Greisukh. Gor. zhur. no. 3 41-46 Mr '60
Replacing high-speed non-synchronous motors by low-speed synchronous ones as grinder drive. G. A. TSkhakaia. TSement 27 no. 2 26 Mr-Ap '61.

CRYSTAL LATTICES
Adsorption, migration, and evaporation of cadmium on tungsten. I. L. Sokol'skaia Fiz tver. tela 3 no. 3 790-795 Mr '61
Characteristics of interatomic interaction in certain transition metal hydrides. S. A. Nemenov, L. D. Finkel'shtein. Fiz. met. i metalloved. 9 no. 4 530-534 Ap '60.
Characteristics of magnetic ordering of a manganese monophosphide MnP. V. P Kazanovskii, I G Fakidov. Fiz. met. i metalloved 11 no 2, 310-320 F '61.
Characteristics of the thermodynamics of interstitial solid solutions with body-centered cubic lattices. N. S. Fogel. Dokl. AN SSSR 136 no. 2 344-347 My '61.
... rately the concept of the localization ... ms in the diffusion reaction in solids. ... ization of the reaction in a sub- V. I. Arkharov. Fiz. met. i -553 Ap '60.
... ion stability of metals and ... and distortions in the lattice ... relaxation stability with hard- ... G Liuttsau. Fiz met. i 5-289 F '61.
... ination processes in heat- tayn. V. N. Mordkovich. 9-980 Mr '61.
... te parameters of surface ... germanium. A. V. Rzhanov, ...eva. Fiz. tver. tela 3 no. 3.
... ations of the dynamics of dia- ...ystals. K. B. Tolpygo. Fiz. 3 Mr '61.
... tation centers in germanium. Fiz tver. tela 3 no. 3, 522-
... ms in p-type germanium. ...povs, S. G. Kalashnikov. Fiz. Mr '61.
Studying the state of the solid solution of EI437A alloys during aging. M. P. Arbuzov, M. I. Gitgarts. Fiz. met i metalloved 11 no. 4 568-574 Ap '61
Theory of excitons in molecular crystals V M. Agranovich Fiz tver tela 3 no 3 811-818 Mr '61
Theory of noncollineal ferromagnetism and antiferromagnetism in rhombic crystals Part I V E Naish, E A Turov Fiz met i metalloved 11 no 2, 161-169 F '61

CRYSTAL LATTICES—DEFECTS
Electric resistance and the energy of formation of defects S I Mashkarov, A I Reznov Fiz met i metalloved 11 no 2 181-185 F '61
Kinetics of changes of short-range order in binary alloys. I. N. Kidin, M. A. Shtremel'. Fiz. met. i metalloved. 11 no. 5 641-649 My '61.

CRYSTALLINE AND METAMORPHIC ROCKS see also subdivision 'Rocks, Crystalline and metamorphic' under Russian Platform, Tetcrev Valley, Voronezh Province

CRYSTALLIZATION
Casting large-size thin-walled parts by the method of directional-progressive crystallization. V. D. Khramov, E. V. Mishakov. Trudy MATI no. 49:5-23 '61.
Crystallization of a supercooled liquid in an ultrasonic wave field [with summary in English]. L. O. Meleshko. Inzh.-fiz. zhur. 4 no. 4:123-125 Ap '61.
Effect of the amount of inoculator and the rate of cooling on the crystallization of magnesium cast iron. K. V. Gorev, Z. N. Proskurina, L. A. Shevchuk. Lit. proizv. no. 5:22-25 My '61.
Mechanism of recrystallization in the heating of steel. B. A. Leont'ev, T. I. Ivanisenko. Fiz. met. i metalloved. 11 no. 5:746-751 My '61.
Mechanism of texture formation in metal and alloy recrystallization D. I. Lainer, E. I. Krupnikova-Perlina. Fiz. met. i metalloved. 9 no. 4 542-544 Ap '60.
Metallographic investigation on the crystallization of weld metal joints. M. V Shamanin. Svarka 3 22-28 '50
Orientation of recrystallization centers at high speeds of heating. P. D. Izbranov, N. M. Rodigin, V. A. Pavlov. Fiz. met. i metalloved. 9 no. 4, 630-633 Ap '60.
Processes of crystal structure formation taking place during the solidification of calcium aluminate sulfate hydrate. Du IU-zhu [Tu Yu-ju], E. E Segalova. Zhur. prikl. khim. 34 no. 3 521-532 Mr '61.
Studying the effect of impurities in a solution on the crystallization of certain sulfate salts S A Strelteiev Uch. zap TGU no 36, 158-170 '60.

CRYSTALLOGRAPHY
Present-day status of the question of the relation between the inner structure of crystals and their external form. I. I. Shafranovskii. Zap. LGI 40, 67-76 '59.

CRYSTALLOGRAPHY—PERIODICALS
Crystallography, mineralogy, and petrography in the "Zapiski" of the Leningrad Mining Institute. I. I. Shafranovskii. Zap. LGI 40:47-50 '59.

CRYSTALLOGRAPHY—STUDY AND TEACHING see subdivision under Leningrad

CRYSTALS
High strength of single crystals. R. I. Garber, I. A. Gindin, IU. V Shubin Fiz. tver. tela 3 no. 3, 916-919 Mr '61.
Luminescence of impurity centers. Part 3. A. M. Ratner, G. E. Zil'berman. Fiz. tver. tela 3 no. 3, 687-697 Mr '61.
Luminescence of impurity centers. Part 4. A. M. Ratner. Fiz. tver. tela 3 no. 3 704-712 Mr '61.

CRYSTALS—DEFECTS
Energy spectrum of defects arising in Ge under the effect of gamma radiation. N A. Vitovskii and others. Fiz. tver. tela 3 no. 3 998-1001 Mr '61.

CRYSTALS—GROWTH
Effect of small additions of zinc on the preferred orientation of crystal growth from aluminum crystal melts. Fiz. met. i metalloved. 9 no. 4 536-541 Ap '60.
Growing monocrystals from melts controlled by heat removal. A. A Shtenberg. Trudy VNIIP [MS] 3 no. 2:89-93 '60.
Kinetics of heterogeneous crystallization in the formation of an organic nucleus [with summary in English]. V. G Zaremba. Inzh.-fiz. zhur. 4 no 5 74-80 My '61.

CRYSTALS—SPECTRA
Temperature dependence of the wide absorption bands in the spectra of crystals of different structures, colored by isomorphic impurities. S. V. Grum-Grzhimailo, G. V. Klimusheva. Opt. i spektr. 8 no. 3:342-351 Mr '60.

CSEPEL, HUNGARY—INDUSTRIES
Red Csepel. Mykhailo Odynets'. Ujraina no. 7:28-29 Ap '60.

CUBA—BIOGRAPHY
Leaders of Free Cuba. Mezhdunar. zhizn' 8 no. 6:153-154 Je '61.

CUBA—DESCRIPTION AND TRAVEL

Distant but near. G. Artsyshevskaia. Smena 38 no. 8 28-30 Ap '61

We are with you, Cuba! I. Kovalenko. Znam. sila 36 no 5-36 My '61

CUBA—ECONOMIC CONDITIONS

The Cuban people struggle for their bright future. S. Mikolan. Polit. samoobr. 5 no. 5:10-21 My '61.

Distant but near. G. Artsyshevskaia. Smena 38 no. 8:28-30 Ap '61.

Population of Cuba. A. D. Dridzo. Sov. etn. no. 2: 123-135 Mr-Ap '60

CUBA—ETHNOLOGY

Population of Cuba. A. D. Dridzo. Sov. etn. no. 2 123-135 Mr-Ap '60.

CUBA—HISTORY

It was in Cuba that day. V. Ivanenko. Nov. vrem. 10 no. 22:25-27 My '61.

CUBA—MEDICAL LABORATORIES—PERIODICALS

Brief news. Lab. delo 7 no. 5, 62 My '61.

CUBA—POLITICS AND GOVERNMENT

The flame of freedom is inextinguishable. N. M. Uzhvii. Voiov. ateist. no. 5:11 My '61.

Recollections of the Sierra Maestra by Jose Pardo Llada. Vsem. stud. nov 15 no. 1:7-8, 17 Ja '61.

The voice of peace. H. IA. TSaryk. Voiov. ateist. no. 5: 11 My '61.

"We routed the units of interventionists! Cuba has won!" Mol. komm no 5 20-21 My '61

CUBA—RELATIONS (GENERAL) WITH RUSSIA

Moscow and Havana. Sov. deput. trud. no. 6:106-108 Je '61.

Welcome, young Cuba! B. Cherkasov, I. Splendor Smena 38 no 7:12-14 Ap '61

CUBA IN LITERATURE AND ART

This play on Cuba was written a hundred years ago. K. Zhdanova. Teatr 22 no. 5 166 My '61.

CUCUMBERS

Classification of cucumbers [with summary in English]. G. V. Boos. Trudy po prikl. bot., gen. i sel. 32 no. 3:80-86 '59.

Unproductive respiration of leaves and the resistance of thermophylic plants to the cooling of the root system [with summary in English] S. V. Kushnirenko. Fiziol. rast. 8 no. 3, 345-354 '61

CUCUMBERS—DISEASES AND PESTS

Materials on the study of cucumber bacteriosis in Khachmas District [in Azerbaijani with summary in Russian]. M. A. Israfilbekov. Uch. zap. AGU Biol. ser. no 4 33-38 '60.

CULTIVATORS

Attachment for cultivating between grapevines. Sh. V. Perkis. Mekh. sil'. hosp. 12 no. 6:15-16 Je '61.

FBSSh-2, SM rotary cultivator. K. Korolenko, I. Bolarchuk, V. Sokolov. Tekh. v sel'khoz. 20 no. 4:77-78 Ap '60.

Industrial production of wear-resistant self-sharpening cultivator shares. A. N. Bobushkin. Biul. tekh. -ekon. inform no. 4:75 '61.

KPL-2-100 cultivator with subsurface sweeps. P. M. Hil'shtein, IE. V. Bloshtein. Mekh. sil'. hosp. 12 no. 5: 22-23 My '61.

KRVN-2, 5 cultivator and fertilizer spreader. O. V. IAkymenko. Mekh. sil'. hosp. 12 no. 6:14 Je '61.

Operational efficiency of the mounted wide-range ZKRN-2, 8-A cultivator. O. A. Minaev. Trudy MIMESKH 6:235-251 '59.

Problems pertaining to the interrow cultivation of potatoes. M. G. Vasilievich. Trudy MIMESKH 6:253-267 '59.

CULTURAL PROPERTY, PROTECTION OF

Devices used for preserving museum pieces. A. Shister Iskusstvo 24 no. 5:65-66 '61.

CULTURE

Communism and the heritage of the great authors of the past A. B. Khachaturian. Uch. zap. MGPI 161. 203-246 '61

From month to month Inostr. lit. no. 3. 272-287 Mr '60

From month to month. Inostr. lit. no. 4 271-287 Ap '61.

From month to month. Inostr. lit. no. 5:267-287 My '61.

From the editor. Uch. zap. MGPI 161. 3 '61.

The Marxist-Leninist concept of culture E. A Baller Uch. zap. MGPI 161-5-24 '61.

CUMENE

Adsorption purification of isopropylbenzene. R. V. Kucher, M. A. Kovbuz, M. E. Teodorovich. Zhur. prikl. khim. 34 no. 3:598-603 Mr '61.

CUPROUS OXIDE CRYSTALS

Band structure of cuprous oxide [with summary in English]. A. G. Shilich, V. P. Makarov. Vest LGU 16 no. 10:13-30 '61.

CURIE POINT

Ferromagnetic and paramagnetic Curie points. V. M. Zaitsev. Fiz. met. i metalloved. 11 no. 5 803-805 My '61.

CURRANTS—FERTILIZERS AND MANURES

Foliar feeding of black currants and the possibility of combining it with fungicidal treatment [with summary in English]. L. F. Indenko. Fiziol. rast. 7 no. 2:198-206 '60.

CURTAINS see Drapery

CUSK EELS

European species of the family Ophidiidae and functional significance of structural features of the airbladder in these species. A. N. Svetovidov. Vop. ikh. no. 17:3-13 '61.

CUSTOMS UNIONS see subdivision under Europe, Western

CUTWORMS—PARASITES see Parasites—Cutworms

CYANOCOBALAMINE

Amount of vitamin B_{12} and iron in blood serum in stomach diseases. E. I. Alakhanov, U. I. IUldashev. Med. zhur. Uzb. no. 4:8-13 Ap '61.

Biosynthesis of vitamin B_{12} and porphyrins by a culture of propionic bacteria [with summary in English] G. V. Proniakova. Biokhimiia 25 no 2 296-305 Mr-Ap '60

Effect of denervation of the spleen on the quantity of vitamin B_{12} in the blood serum of dogs [with summary in English]. V. F. Markelova. Biul. eksp. biol. i med. 49 no. 2, 41-45 F '60.

Effect of some trace elements on vitamin B_{12} production by propionic acid bacteria. L. I. Voroob'eva. Dokl. AN SSSR 138 no. 2, 460-453 My '61.

Effect of vitamin B_{12} on the amount of cholesterol, phospholipids, and prothrombin in the blood serum and on blood coagulation in patients with atherosclerosis. L. N. Ignatova. Klin. med. 39 no. 5, 49-52 My '61.

Effect of vitamin B_{12} on the regression of cholesterol atherosclerosis in rabbits [with summary in English]. L. N. Ignatova. Biul. eksp. biol. i med. 50 no. 7:12-46 Jl '60.

Hemopoiesis and the amount of vitamin B_{12} in dogs following gastrectomy, and in experimental hepatitis [with summary in English]. O. A. Korolenko. Biul. eksp. biol. i med. 50 no. 10 48-53 O '60.

Influence of vitamins B_{12} and B_6 on protein metabolism in the hard tissues of the tooth and bones in rats. Liu Din'-sin' [Liu Tin-hsin]. Stomatologiia 40 no. 1: 17-20 Ja-F '61.

Influence of vitamin B_{12} and folic acid on the appearance and development of lead intoxication in experimental animals. A. T. Aldamzarov, Sh. S. Sabdenova. Trudy Inst. kraev. pat. AN Kazakh. SSR 8:62-68 '60.

Production of vitamin B_{12} by Act. olivaceus on a synthetic medium [with summary in English]. I. V. Konova, A. I. Borisova. Mikrobiologiia 30 no. 1:27-34 Ja-F '61.

Role of the silt microflora of stagnant waters in the migration of cobalt in biogeochemical provinces with different concentrations of this element. S. V. Letunova. Trudy Biogeokhim. lab. no. 11:109-119 '60.

Treatment of anemias caused by lead with vitamin B_{12} in a compound with folic acid. Preliminary report. Sh. S. Sabdenova, A. T. Aldamazarov. Trudy Inst. kraev. pat. AN Kazakh. SSR 8:193-199 '60.

Use of the preparation mucovite for the treatment of Addison-Biermer's disease [with summary in English, p. 63]. A. M. Akhundova, O. Kh. Ter-Mkrtychova. Probl. gemat. i perel. krovi 5 no. 2:55-56 F '60.

Vitamin B-12 level of the blood serum and serum iron in anemias of gastrointestinal origin [with summary in English, p. 61]. U. I. IUldashev. Probl. gemat. i perel. krovi 5 no. 2:8-13 F '60.

Vitamin B_{12} synthesis in the organs of farm animals in biogeochemical provinces with different cobalt concentration. V. V. Koval'skii, IU. I. Raetskaia. Trudy Biogeokhim. lab. no. 11:102-108 '60.

Vitamin B_{12} treatment of nervous system diseases. N. N. Kolosova, V. M. Bil'-Bylinskaia. Vop. psikh. i nevr. no. 5, 103-109 '59.

CYBERNETICS

Equivalent transformations of contact and rectifier circuits V. L. Murskii. Dokl. AN SSSR 136 no. 5: 1043-1046 F '61.

The human brain and cybernetics. IU. Frolov. Moskva 4 no. 3:178-182 '60.

Realization of functions in algebra of logic by formulae of bounded depth in the basis $\&, \vee, \neg$. O. B. Lupanov. Dokl. AN SSSR 136 no. 5:1041-1042 F '61.

Time and cybernetics. B. V. Hnedenko. Ukraina no 8: 25 Ap '60.

CYCLIC COMPOUNDS

Special features of the formation of complex compounds with cycle-forming substituents. Kh. I. Gil'dengershel'. Dokl. AN SSSR 136 no. 2:369-372 My '61.

CYCLING

Varieties of techniques of pedaling in sports cycling. L. V. Chkhaidze. Teor. i prak. fiz. kul't. 24 no. 4:267-271 '61.

CYCLISTS

Akademiia pedagogicheskikh nauk RSFSR, Moscow. Institut fizicheskogo vospitaniia i shkol'noi gigieny. [Functional capacity of young cyclists] Funktsional'nye vozmozhnosti iunykh velosipedistov. Pod red. A. A. Markosiana. Moskva, 1960. 70 p.

Training of young men and women cyclists during the basic period. N. D. Sinani. Teor. i prak. fiz. kul't. 24 no. 5 377-378 '61.

CYCLOBUTANE

Synthesis of cis-1, 2-di(iodomethyl) cyclobutane and of some bicyclo-(3, 2, 0)-heptane derivatives V. P. Gol'mov, Z. P. Matevosiana. Zhur. ob. khim. 8 no. 5 1140-1145 My '61

CYCLOBUTANE—SPECTRA

Raman spectra of various classes of hydrocarbons. Part 6. Raman spectra of some arylcyclobutanes. L. G. Treshchova and others. Opt. i spektr. 8 no. 3, 371-375 Mr '60.

CYCLODODECANE

Admixture of hydrogen chloride and acetic acid to isomeric 1, 5, 9-cyclododecatrienes Dokl. AN SSSR 138 no. 2 373-376 My '61.

CYCLOHEPTATRIENE

Synthesis of some derivatives of 4, 5, 6, 7-dibenz-1, 3-diaza-2, 4, 6-cycloheptatriene IA. A. Levin, A. P. Mokhova, V. A. Kukhtin. Zhur. ob. khim. 31 no. 5 1573-1576 My '61

CYCLOHEXANE

Catalytic dehydrochlorination of methylchlorohexanes into methylcyclohexenes N. I. Shuikin and others. Izv. AN SSSR. Otd. khim. nauk no. 5, 858-863 My '61.

Effect of pressure, temperature, and thiophene concentration on the depth of dehydrogenation and isomerization of cyclohexane in the presence of platinum catalysts. Kh. M. Minachev, D. A. Kondrat'ev. Izv. AN SSSR. Otd. khim. nauk no. 5:877-882 My '61

Hydrodealkylation of cyclohexane homologs on a nickel alumina catalyst under hydrogen pressure N. I. Shuikin, Tian' Sin-khua (T'ien Hsing-hua). Izv. AN SSSR. Otd. khim. nauk no. 5:854-857 My '61

CYCLOHEXANECARBOXYLIC ACID

Gravimetric determination of zirconium after its precipitation with cyclohexanol-1-carboxylic acid [with summary in English]. L. P. Allinarin, Shen' Khan'-si (Shên Han-hsi). Zhur. anal. khim. 16 no. 2:162-165 Mr-Ap '61.

CYCLOHEXENE

Catalytic dehydrochlorination of methylchlorohexanes into methylcyclohexenes. N. I. Shuikin and others. Izv. AN SSSR. Otd. khim. nauk no. 5, 858-863 My '61.

CYCLOHEXENECARBOXYLIC ACID

Synthesis of the precursors and fragments of antibiotics. Part 5. Synthesis of di- and trihaloderivatives of cyclohexenecarboxylic acid. O. P. Kostromina, M. F. Shostakovskii, N. E. Vasil'eva. Zhur. ob. khim. 31 no. 5 1458-1462 My '61.

CYCLONES see subdivision under Atlantic Ocean; Far East

CYCLOOCTANE

Contact transformations of cyclooctane in the presence of a nickel catalyst. S. I. Khromov and others. Dokl. AN SSSR 136 no. 5:1112-1115 F '61.

CYCLOPENTANE—SPECTRA

Raman spectra of stereoisomers of 1, 2-dialkylcyclopentanes. V. T. Aleksanian and others. Opt. i spektr. 8 no. 3:324-327 Mr '60.

CYCLOTRON

Beam exit and energy regulation in a cyclotron with azimuthal magnetic field variation. A. A. Arzumanov and others. Atom. energ. 10 no. 5, 501-502 My '61.

CYCLOTRON RESONANCE

Paramagnetic and cyclotron resonance in deformed crystals. G. E. Pikus, G. L. Bir. Fiz. tver. tela 3 no. 3 1001-1004 Mr '61.

CYSTEINE

Role of ascorbic acid and cysteine in disintoxication of the organism in lead poisoning [with summary in English]. G. A. Uzbekov. Vop. med. khim. 6 no. 2 183-187 Mr-Ap '60.

CYSTEINE—PHYSIOLOGICAL EFFECT

Influence of free cysteine on an irradiated suspension of yeast cells. V. N. Benevolenskii. TSitologiia 2 no. 2: 170-171 Mr-Ap '60.

CYSTINE

Cystinuria and cysteine calculi. L. I. Vasil'ev. Terap. arkh. 33 no. 4:89-93 '61.

CYSTS

Rare case of a combination of bilateral polycystic kidney with atresia of the ureters, paranephric cyst, and ascites in a newborn child. S. V. Kisin, I. P. Dzyak. Ped., akush. i gin. 22 no. 4:2 of cover '60.

CYTODIAGNOSIS see Diagnosis, Cytologic

CYTOLOGY see Cells

CYTOTOXIC DRUGS

Comparative investigation of the action of preparations from the chloroethylamine and ethyleneimine groups on experimental homo- and heterotransplanted tumors [with summary in English] A. M. Garin Biul. eksp. biol. i med. 50 no. 7 74-78 Jl '60.

Cytotoxic properties of extracts from fungal mycelia [with summary in English] Z. F. Bekker and others Antibiotiki 5 no. 2 108-111 F '61

Principles of chemotherapy in oncology L. F. Larionov Vest. AMN SSSR 15 no. 4 29-36 '60.

Soil bacteria as a possible source of new antitumor substances [with summary in English] E. G. Toropova Antibiotiki 6 no. 2 105-107 F '61

CZECH LITERATURE—HISTORY AND CRITICISM

Czech literature from 1918 to 1945 and the formation of socialist realism. S. A. Sherlaimova. Lit. slav. nar. no. 5 3-77 '60.

Ivan Franko and Czech literature L. I. Roizenzon, S. L. Shatalov Izv. AN Uz. SSR no. 11 89-91 '56

CZECHOSLOVAKIA—AGRICULTURE

Problems of agriculture in Czechoslovakia. Zdislav Sulc. Nov. vrem. 19 no. 23 16-17 My '61.

CZECHOSLOVAKIA—BALLET

First acquaintance. N. Sheremet'evskaia. Teatr 22 no. 5 178-184 My '61.

CZECHOSLOVAKIA—BIBLIOGRAPHY

[New literature on European people's democracies and Slavic studies: Czechoslovakia.] Nov. lit. po evrop. stran. nar. dem. i slav. Chekh. no. 3 '61

CZECHOSLOVAKIA—CAVES

Macocha caves. M. Arlazorov. Znan. sila 36 no. 2 24-25 F '61.

CZECHOSLOVAKIA—COMMUNIST PARTY

In the forefront of Czechoslovak workers; on the 40th anniversary of the Communist Party of Czechoslovakia I. M. Mel'nykova Ukr. ist. zhur. 5 no. 3 146-147 My-Je '61

A valuable historical study by a Czechoslovak Marxist ("The Czechoslovak Republic and the Communist Party of Czechoslovakia" [in Czech] by Vaclav Kopecki. Reviewed by F. Petrov). Kommunist 38 no. 9 114-116 Je '61.

CZECHOSLOVAKIA—CONSTITUTION

[Information on Czechoslovakia] Informatsii o Chekhoslovakii. Moskva, Otdel pechati Posol'stva Chekhoslovatskoi Respubliki v SSSR, [n.d.] 29 p.

CZECHOSLOVAKIA—CULTURE

Culture must serve the people ("Articles on art" by Zdenek Nejedly. Reviewed by L. Kishkin). Inostr. lit. no. 5 251-253 My '61.

CZECHOSLOVAKIA—DELIVERY OF GOODS (LAW)

Legal regulation of business relations among socialist organizations in Czechoslovakia V. Gribanov, V. Mironov. Vest. Mosk. un. Ser. 10 Pravo 15 no. 1 58-66 '60.

CZECHOSLOVAKIA—DESCRIPTION AND TRAVEL

Eternal friendship. D. Barashkin. Komm. Bel. 34 no. 4 72-75 Ap '60.

To friends in Czechoslovakia. I. Radvolina. Novyi mir 36 no. 5 139-160 My '60.

CZECHOSLOVAKIA—ECONOMIC CONDITIONS

Czechoslovakia is concluding the building of socialism, on the Liberation Day of Czechoslovakia, the ninth of May. V. Bobrov. Blok agit. [Ukr.] no. 12 50-56 Ap '60.

The decisive victory of socialism in the Czechoslovak Socialist Republic. I. I. Udal'tsov. Krat. soob. Inst. slav. no. 31 77-91 '61.

Eternal friendship. D. Barashkin. Komm. Bel. 34 no. 4 72-75 Ap '60.

CZECHOSLOVAKIA—ECONOMIC GEOGRAPHY

Blazek, Miroslav. [Economic geography of Czechoslovakia. Translated from the Czechoslovakian] Ekonomicheskaia geografiia Chekhoslovakii. Vstup. stat'ia i red. I. M. Maergoiza. Moskva, Izd-vo inostr. lit-ry, 1960. 476 p.

CZECHOSLOVAKIA—EDUCATION

New content of education in the schools of the second cycle of the Czechoslovak People's Republic. Miroslav Citro. Sov. pedag. 25 no. 5 135-147 My '61

CZECHOSLOVAKIA—HISTORY

A valuable historical study by a Czechoslovak Marxist ("The Czechoslovak Republic and the Communist Party of Czechoslovakia" [in Czech] by Vaclav Kopecki. Reviewed by F. Petrov). Kommunist 38 no. 9 114-116 Je '61.

CZECHOSLOVAKIA—PHYSICAL EDUCATION AND TRAINING

Training of physical-culture personnel in Czechoslovakia L. S. Gromadskii Teor. i prak. fiz. kul't 24 no. 2 135-140 '61.

CZECHOSLOVAKIA—PHYSICAL EDUCATION FOR CHILDREN

Physical education for children of school age in Czechoslovakia. V. G. Iakovlev. Teor. i prak. fiz. kul't 24 no. 2 133-135 '61

CZECHOSLOVAKIA—PUBLIC HEALTH

Development of socialist public health in Czechoslovakia L. Sinkulova Sov. zdrav. 20 no. 1 66-72 '61

CZECHOSLOVAKIA—RELATIONS (GENERAL) WITH RUSSIA

Eternal friendship. Ukraina no. 11:3 Je '61.

Studying the Czech-Russian literary ties of the 17th century A. M. Panchenko Trudy ODRL 17 640-652 '61

CZECHOSLOVAKIA—RELATIONS (GENERAL) WITH THE UKRAINE

A present from our famous friend M. I. Mykolaienko. Ukr. ist. zhur. 5 no. 3:155-156 My-Je '61

CZECHOSLOVAKIA—RELATIONS (GENERAL) WITH UZBEKISTAN

Voice of our friends. Uzbekiston 10 no. 11:17 N '59.

CZECHOSLOVAKIA—RELIGIOUS LIBERTY

For the liberty of conscience; a letter from Czechoslovakia. Erika Kadlecova. Voiov. ateist no. 5 50-52 My '61

CZECHOSLOVAKIA—RUBBER, SYNTHETIC

Reactors for emulsion polarization. IA. Ul'Dikht. Kauch. i rez. 20 no. 5 12-15 My '61.

CZECHOSLOVAKIA—SAFETY BELTS

News of foreign technology. Okhr. truda i sots. strakh. 4 no. 5 48 My '61.

CZECHOSLOVAKIA—STEEL—METALLURGY

Ferrous metallurgy in the Czechoslovak Socialist Republic. IU. L. Pivovarov. Metallurg 6 no. 6:34-36 Je '61.

CZECHOSLOVAKIA—TECHNICAL EDUCATION

Technical education in the general schools of Czechoslovakia. Vaclav Hendrykh. Nar. obr. no. 5 103-106 My '61.

CZECHOSLOVAKIA—WORLD WAR, 1939-1945

Documents relating to Soviet-Czechoslovak relations during the Great Patriotic War, 1941-1945. I. I. Udal'tsov. Krat. soob. Inst. slav. no. 31:117-125 '61.

Military and political cooperation of the U. S. S. R. and Czechoslovakia during the Great Patriotic War M. Monin. Voen.-ist. zhur. 3 no. 6:102-106 Je '61.

CZERNY-STEFANSKA, HALINA

Halina Czerny-Stefanska. D. B. Sov. muz. 25 no. 6:162-163 Je '61.

DACRYOCYSTORHINOSTOMY

Dacryocystorhinostomy by means of a trephine constructed by the author. V. G. Gogundze. Oft. zhur. 15 no. 3:179 '60.

Hollow needle for deep suturing in dacryocystorhinostomy B. L. Vainshtein. Oft. zhur. 16 no. 3:185-186 '61.

Technic of preparation of the bone in dacryocystorhinostomy [with summary in English]. L. F. Linnik. Oft. zhur. 15 no. 3:176-179 '60.

DAGHESTAN—ALMOND

Discovery of Amygdalus nana L. in Daghestan. P. L. L'vov. Nauch. dokl. vys. shkoly; biol. nauki no. 2 146-150 '61.

DAGHESTAN—ARCHAEOLOGY

The archaeological study of Daghestan from 1920 to 1960, its results and problems V. G. Kotovich, N. B. Sheikhov. Uch. zap. IIAL Dag. fil. AN SSSR 8:322-364 '60.

DAGHESTAN—CULTURE

The science and culture of Daghestan from 1920 to 1960. Kh.-M. O. Khashaev. Uch. zap. IIAL Dag. fil. AN SSSR 8 214-252 '60.

"Studies on the cultural development of the peoples of Soviet Daghestan" by A. A. Abilov. Reviewed by G. A. Alikberov, Sh. M. Magomedov. Ist. SSSR 5 no. 2 186-187 Mr-Ap '61.

DAGHESTAN—DEFICIENCY DISEASES IN SHEEP

Biogeochemical province of the Terek-Sulak-Kuma Lowland. V. V. Koval'skii. Trudy Biogeokhim. lab. no. 11:134-143 '60.

Changes in the histological structure of the cerebral hemispheres in lambs with enzootic ataxia in the biogeochemical province of the Terek-Sulak-Kuma Lowland. Sh. G. Dandamaev. Trudy Biogeokhim. lab. no. 11:150-153 '60.

Zootechnical study of lambs in the biogeochemical province of the Terek-Sulak-Kuma Lowland. P. V. Lazarovich. Trudy Biogeokhim. lab. no. 11 144-149 '60.

DAGHESTAN—ECONOMIC CONDITIONS

The successful building of socialism in Daghestan G. A. Dantalov Uch. zap. IIAL Dag. fil. AN SSSR 8 26-80 '60

DAGHESTAN—GAS, NATURAL—GEOLOGY

Studying fractured reservoir rocks and their importance for oil and gas prospecting in Daghestan. G. N. Komardinkina, IU. A. Prikhina, I. A. Konlukhov. Razved. i okh. nedr 27 no. 3 17-26 Mr '61.

DAGHESTAN—GEOLOGY

Geological history of the development of the northern mountain area of Daghestan in the middle Jurassic period Sh. S. Abramov Trudy GNI no. 21,17 24 '59

Geology and gas-bearing prospects of the Gil'yar structure in southern Daghestan V. I. Galin Trudy GNI no. 21:178-190 '59.

DAGHESTAN—GEOLOGY, STRUCTURAL

Structural features of the western anticline zone of southern Daghestan. V. I. Galin Trudy GNI no. 21 191-208 '59.

DAGHESTAN—LAND TENURE

Struggle of the rural toilers of Daghestan for solution to the agrarian problem A. S. Gadzhiev Uch. zap. IIAL Dag. fil. AN SSSR 8 133-164 '60

DAGHESTAN—LARVAE—AMPHIBIA

Importance of the larvae of tailless amphibians in the fishery management of various bodies of water in Azerbaijan and southern Daghestan D. P. Kiriuchkov Uch. zap. AGU Biol. ser. no. 1 61-64 '60

DAGHESTAN—MINERALOGY

Mineralogical equivalents in Mesozoic sediments of the Duzlak field in Daghestan. D. M. Dzhavadov. Trudy A. NII DN no. 9 83-89 '60

DAGHESTAN—PETROLEUM GEOLOGY

Studying fractured reservoir rocks and their importance for oil and gas prospecting in Daghestan. G. N. Komardinkina, IU. A. Prikhina, I. A. Konlukhov. Razved. i okh. nedr 27 no. 3 17-26 Mr '61.

DAGHESTAN—REVOLUTION, 1917-1921

Friendship among the fraternal peoples of Daghestan and their mutual assistance in the struggle for the Soviet regime D. K. Karabekov Uch. zap. IIAL Dag. fil. AN SSSR 8 81-106 '60

How Daghestan workers struggled against the units of General Bicherakhov and German and Turkish interventionists B. O. Kushkaev Uch. zap. IIAL Dag. fil. AN SSSR 8 107-132 '60

The struggle for Soviet rule in Daghestan. G. A. Alikberov. Uch. zap. IIAL Dag. fil. AN SSSR 8, 3-25 '60

Struggle of the rural toilers of Daghestan for solution to the agrarian problem A. S. Gadzhiev Uch. zap. IIAL Dag. fil. AN SSSR 8 133-164 '60

DAGHESTAN—STOCK AND STOCKBREEDING—ACCOUNTING

Simplify and reduce original documentation. A. G. Shaitpov. Uchet i fin. v kolkhoz i sovkhoz. 18 no. 5, 22-23 My '61.

DAGHESTAN—TERRESTRIAL ELECTRICITY

Geoelectric characteristics of Jurassic sediments in the eastern anticline zone of southern Daghestan S. S. Imenberg. Trudy GNI no. 21:127-137 '59

DAGHESTAN—UNIVERSITIES AND COLLEGES

Formation of the Soviet intelligentsia in Daghestan from 1920 to 1940. A. I. Efendiev. Uch. zap. IIAL Dag. fil. AN SSSR 8 253-304 '60

DAGHESTAN—WOMEN—EMPLOYMENT

The labor heroism of collective farm women in Daghestan during the Great Patriotic War. A. G. Meleshko Uch. zap. IIAL Dag. fil. AN SSSR 8, 305-321 '60.

DAGHESTAN—WOMEN—RIGHTS OF WOMEN

Struggle for the emancipation of women in the highlands of Daghestan from 1920 to 1927. A. Gasanova Uch. zap. IIAL Dag. fil. AN SSSR 8:165-213 '60.

DAGHESTAN STUDIES

The science and culture of Daghestan from 1920 to 1960. Kh.-M. O. Khashaev. Uch. zap. IIAL Dag. fil. AN SSSR 8 214-252 '60.

DAIRY CATTLE BREEDING

Results of crossing Black and White cows with Jersey bulls [with summaries in English, German, and French], V. M. Starodubtsev. Vest. sel'khoz. nauki 6 no. 5 48-54 My '61.

Significance of the line breeding of maternal families of the Kholmogory cattle for increased milk and butterfat production. V. A. Larchin. Agrobiologiia no. 3 432-435 My-Je '61.

DAIRY INDUSTRY see subdivision under Uzbekistan

DAIRY PRODUCTS—MICROBIOLOGY
Survival of pathogenic serotypes of Escherichia coli in milk products. Z. P. Gorfanova-Ikol. Pediatriia no. 5: 51-53 '61

DAIRYING see subdivision under Karaganda Province; Kirovsk District, Mogilev Province, Vinnikl District

DAIRYING—EQUIPMENT AND SUPPLIES
(see also subdivision under Ukraine)
Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instruction 33-56 for checking milk rods] Instruktsiia 33-56 po poverke molokomerov. Izd.ofitsial'noe. Moskva, 1957. 11 p.

DAKAR—UNIVERSITIES AND COLLEGES
The Trojan horse in African education. Michel N'doh. Vsem. stud. nov. 15 no. 114-15 Ja '61

DAMBROWSKI, JAROSLAW, 1836-1871
A glorious son of the Polish people. Voen.-ist. zhur. 3 no. 5:127 My '61.

DAMINOVA, DANIIA GARIFOVNA
Nurse (from Nukus). I. M. Madgazin. Med sestra 20 no. 4 57-58 Ap '61.

DAMPING (MECHANICS)
Performance of axle box drivers with rubber-metal hinges. V. N. Shestakov, E. M. Kushnarenko. Vest. TSNII MPS 20 no. 3:42-46 '61

DAMS
(see also subdivision under Bering Strait; Missouri River; Novel'skoy Strait; Stepnoy Zay River; Sweden)
Deformation by wind waves of shallow sections protecting the approaches to the dam on the reservoir side. Kh. Akmuradov. Trudy SANIIRI no. 99:21-23 '59
Determination of interval between expansion joints in concrete dams. P. I. Vasil'ev. Izv. VNIIG 64:33-54 '60
Determining local and total pressures in leakage under a dam. I. I. Liashko. Visnyk Kyiv. un. Ser. astron., mat. ta mekh. no. 1:75-82 '58
Dispersion of kinetic energy at high spillway dams using a ribbed spillway. A. F. Burkov, A. N. Zhelrovskii. Izv. VNIIG 63:215-221 '60
Effect of a drainage layer below the facing on seepage in an earth dam. N. I. Druzhinin. Izv. VNIIG 63:101-114 '60
Experimental study of the pulsation of hydrodynamic pressures on the reinforcing slabs of the tail race. G. A. Uditskii. Izv. VNIIG 65:117-124 '60
Hydrodynamic load on the buttress during partial destruction of a dam. A. G. Solov'eva. Izv. VNIIG 63:223-230 '60
New method of constructing cutoff curtains. A. F. Vasil'ev. Gidr. stroi. 30 no. 5:54-55 My '60.
A new type of prefabricated reinforced concrete facing for the protection of upstream slopes of earth dams from the destruction by wind waves. I. K. Nikitin. Trudy SANIIRI no. 90:37-42 '59
Rolled-fill earth dam with interior upstream apron. G. G. Mnatsakanian. Gidr. stroi. 30 no. 5:17-18 My '60.
Studying the performance of a concrete dam under complex geological conditions. O. V. Viazemskii, P. A. Mikhalevich. Izv. VNIIG 64:3-31 '60
Uginchus, A. A. [Computing percolation through earth dams] Raschet fil'tratsii cherez zemlianye plotiny. Moskva, Gos. energ. izd-vo, 1960. 140 p.
Using peat in impervious blankets and upstream aprons of earth dams. I. S. Fedorov. Gidr. stroi. 30 no. 5: 19-21 My '60.

DANUBE RIVER—DELTA
In the Danube Delta. N. I. Blazhko. Geog. v shkole 24 no. 3:5-12 My-Je '61.

DARKLING BEETLES see subdivision under Ust-Urt; West Kazakhstan Province

DASHGIL' REGION—OIL WELL DRILLING FLUIDS
Chemical processing of clay muds in the Dashgil' Area. E. A. IAshnikova, E. G. IUzbasheva, Sh. G. Caraev. Trudy AzNII DN no. 9:122-127 '60.

DASHKESAN—IRON ORES
Mastering the sintering of Dashkesan ores as acceptable charge for open-hearth furnaces [with summary in English]. S. I. Malyshev and others. Stal' 20 no. 7: 584-590 Jl '60.

DAVIS SEA—DEEP-SEA DEPOSITS
Granulometric and mineralogical composition of bottom sediments in the Davis Sea. L. P. Svirenko. Inform. biul. Sov. antark. eksp. no. 22 17-21 '60.

DAVYDOV, VASILII L'VOVICH, 1792-1855—MUSEUMS, RELICS, ETC.
Decembrist Davydov's sword. I. Ivanov. Ukraina no. 11: 32 Je '61.

DAY NURSERIES see subdivision under Ukraine

DE KRUIF, PAUL HENRY, 1890-
A man must live ("A man against insanity" by Paul de Kruif. Reviewed by B. Gilenson). Moskva 5 no. 4 182-185 '61.

DEAD SEA SCROLLS
Determination of the ideological position of the Qumran commune. L. D. Amusin. Vest. drev. ist. no. 1:3-22 '61

DEAFNESS
Method for the exclusion of hearing and the destruction of the vestibular apparatus in rabbits [with summary in English]. A. B. Tsypin, Iu. G. Grigor'ev. Biul. eksp. biol. i med. 51 no. 2:111 F '61.

DEATH
So-called death by anesthesia. G. IA. Pekker. Trudy 1-go MMI 3:193-206 '57.

DEATH (BIOLOGY)
Evolution of death in connection with the evolution of reproduction [with summary in German]. A. M. Lunts. Zhur. ob. biol. 22 no. 2:85-99 Mr-Ap '61.
Morphology of vascular baroreceptors in dogs after clinical death [with summary in English]. E. B. Khaisman, T. N. Grozdova. Biul. eksp. biol. i med. 51 no. 1:110-116 Ja '61.
Pathophysiology and treatment of terminal states. N. P. Romanova. Vest. AMN SSSR 14 no. 5:87-90 '59

DEATH, APPARENT
Changes in the protein composition of blood plasma following clinical death caused by hemorrhage. M. G. Kolpakov. Dokl. AN SSSR 136 no. 1:979-981 Je '61

DEATH PENALTY see Capital punishment

DECARBOXYLASES
Effect of certain halogen derivatives of phenylalanine on decarboxylases in Streptococcus faecalis [with summary in English]. N. N. Lestrovaia, S. R. Mardashev. Biokhimiia 25 no. 2:227-232 Mr-Ap '60

DECORATIONS OF HONOR
Decorations of honor for the U. S. S. R. medical workers within the social insurance system of the R. S. F. S. R. Sots. obesp. 22 no. 5:3-4 My '61.
The 30th anniversary of the Order of Lenin. S. Ilnchenko. Ukraina no. 7:12 Ap '60

DEEP-SEA DEPOSITS see subdivision under Davis Sea

DEEP-SEA SOUNDING
Depth measurement by sounding apparatuses. M. Selivanov. Mor. flot 21 no. 5:14-16 My '61.

DEER, FOSSIL see subdivision under Georgia

DEFENSE (CRIMINAL PROCEDURE)
(see also subdivision under Cherkassy Province)
Lay prosecutors and defenders in the past. L. Golubeva. Sov. just. no. 4 18-21 Ap '60.
The role of defense counsels in criminal procedure. S. Bytyi. Rad. pravo no. 3:80-92 My-Je '61.

DEFENSES, NATIONAL see also subdivision 'Defenses' under Great Britain; Norway

DEFICIENCY DISEASES
Blood coagulation in vitamin C deficiency. Report No. 2. Change in the prothrombin and thromboplastin concentration and causes of decreased thromboplastin activity of the blood vitamin C deficiency in guinea pigs [with summary in English]. G. V. Andreenko, N. P. Sytina. Biul. eksp. biol. i med. 49 no. 3:30-35 Mr '60.
Blood coagulation in vitamin C deficiency. Report No. 3: Influence of vitamins C, P, B_{12}, K, and folic acid on the thromboplastic activity of the blood of guinea pigs with vitamin C deficiency [with summary in English]. G. V. Andreenko, N. P. Sytina. Biul. eksp. biol. i med. 50 no. 10:46-48 O '60.
Histological changes in the skeletal musculature in alimentary muscular dystrophy [with summary in English]. M. G. Shcherbakova. Arkh. anat. gist. i embr. 40 no. 2:31-41 F '61

DEFICIENCY DISEASES IN SHEEP see subdivision under Daghestan

DEFOE, DANIEL, 1661?-1731
Robinson Crusoe in... Siberia. IA. Khaninson. V mire knig 1 no. 4:47 Ap '61.

DEFOLIATION
Quality of raw cotton and fiber following the defoliation of cotton by means of new chemicals. M. K. Aleksandrov, V. F. Gerasimova. Izv. AN Uz. SSR no. 9:43-47 '59.
Testing defoliants on cotton plants with different degrees of water availability and maturity. U. Mukhitdinov. Uzb. biol. zhur. no. 2 10-23 '60.

DEFORMATIONS (MECHANICS)
Analysis of circular shafts with variable cross section and of hollow chambers subjected to elastic plastic deformations. N. M. Kondakov. Izv. vys. ucheb. zav.; av. tekh. 3 no. 2:118-128 '60.

Causes and the mechanism of important deformations of burning waste piles in the Kuznetsk Basin. P. A. Leonov. Izv. vys. ucheb. zav., gor. zhur. no. 6 59-66 '60

Cleaving a brittle solid with a wedge of finite length. I. A. Markuzon. Prikl. mat. i mekh. 25 no. 2 350-361 Mr-Ap '61

Deformation effect in cold-deformed metals connected with characteristic dislocations and widening of x-ray fringes. Part 1: Elastic isotropy. K. P. Rabotnkina, L. V. Tikhonov. Fiz. met. i metalloved. 11 no. 4 490-495 Ap '61

Determination of deformation forces on crankshaft presses for hot forging. N. G. Evlanov, V. P. Tret'iakov. Kuz.-shtam. proizv. 3 no. 5:46-47 My '61

Determining the contact area in rolling allowing for plastic deformation [with summary in English]. A. I. TSetlkov. Stal' 21 no. 6:526-527 Je '61.

Discontinuity of plastic deformation at low temperatures. I. A. Gindin, B. G. Lazarev, IA. D. Starodubov. Fiz. tver. tela 3 no. 3 920-925 Mr '61.

Does diffusion in metals accelerate or retard plastic deformation? D. IA. Pines, E. F. Chaikovskii. Fiz. met. i metalloved. 11 no. 5 812-814 My '61.

Effect of displacement and inertia of rotation in the vibrations of a beam lying on an elastic base. A. I. TSeitlin. Prikl. mat. i mekh. 25 no. 2 362-364 Mr-Ap '61

Effect of local microinhomogeneous deformations of a real polycrystalline alloy on the deformation of the entire specimen in the elastic region. A. V. Gur'ev. Fiz. met. i metalloved. 11 no. 2 316-319 F '61

Effect of plastic deformation and friction on the fine crystal structure of high strength cast iron. I. A. Markovskaia and others. Fiz. met. i metalloved. 12 no. 2:296-301 F '61

Effect of plastic deformation in the austenitic state on properties of structural alloy steels. I. N. Sokolkov, S. N. Petrova, N. P. Chuprakova. Metalloved. i term. obr. met. no. 5 12-14 My '61

General conditions of press working of titanium and its alloys. I. M. Pavlov. Titan i ego splavy no. 1:124-133 '59.

Lateral deformation of a wire rope under stress. L. I. Zhukov. Izv. vys. ucheb. zav.; gor. zhur. no. 11:72-83 '59.

Mechanical properties of solids especially metals at temperatures of 1, 2° K and lower. Part 6: Effect of preliminary cold working on the mechanical properties of cadmium, armco iron and tantalum. O. V. Klavin. Fiz. met. i metalloved. 11 no. 2:281-284 F '61.

Mechanical properties of varying degree purity titanium. I. M. Savitskii, M. A. Tylkina, A. N. Turanskaia. Titan i ego splavy no. 1 68-81 '58.

Plastic deformation at the surface of a brittle fracture. V. M. Finkel', P. I. Kiotenok. Fiz. met. i metalloved. 11 no. 4:601-608 Ap '61.

Plastic deformation of texturated beryllium. V. M. Amonenko and others. Fiz. tver. tela 3 no. 3 796-802 Mr '61

Plasticity of IMP1 and IMP2 alloys. Titan i ego splavy no. 1:134-144 '58.

Pochtennyi, E. K. [Introduction to the dislocation theory of the deformation of machine parts] Vvedenie v dislokatsionnuiu teoriiu deformatsii detalei mashin. Minsk, Redaktsionno-izdatel'skii otdel BPI im. I. V. Stalina, 1960. 98 p.

Problem of the plane deformation of a completely plastic solid in complex variables. V. L. Dobrovol'skii. Prikl. mat. i mekh. 24 no. 2:367-369 Mr-Ap '60.

Relationships for plotting diagrams of true stresses in the course of small and large deformations of a specimen. I. P. Obozov. Zav. lab. 27 no. 5:606-609 '61

Solving the problem of axially symmetric deformation of hydraulic press cylinders. L. Z. Kazanovich. Kuz.-shtam. proizv. 3 no. 5:25-33 My '61.

State of stress-deformation in ingots during rolling on a blooming mill and gripping of the bar of rolls [with summary in English]. S. V. Maksev. Stal' 20 no. 7: 628-634 Jl '60.

Temperature-time relation of the resistance to deformation of nichrome in the field of existence of the K-state. V. F. Sukhovarov. Fiz. met. i metalloved. 11 no. 2:302-305 F '61.

Thermal and mechanical treatment of steel and their effect on mechanical properties. A. P. Gulliaev, A. S. Shigarev. Metalloved. i term. obr. met. no. 5:9-12 My '61.

Titanium and titanium alloy recrystallization diagrams. E. M. Savitskii, M. A. Tylkina, A. N. Turanskaia. Titan i ego splavy no. 1:33-67 '58.

X-ray investigation of structural changes and mutual arrangement of individual grains in specimens of low-alloy iron in the process of deformation by pure tension. V. N. Shchorbakov, L. N. Nagovitsyna, I. S. Osipov. Fiz. met. i metalloved. 9 no. 4 510-514 Ap '60.

Zonality of first and second order plastic deformations in polycrystalline metals. V. S. Ivanova. Trudy Inst. met. no. 4:158-169 '60.

DEGENERATION HEPATOLENTICULAR see Hepatolenticular degeneration

DEGREES, ACADEMIC

Be more demanding in granting academic degrees to scientific and educational workers M. N Volkov Vest. vys shkoly 19 no. 5 96-101 My '61

DEHYDRATION (CHEMISTRY)

Elementary stages of the dehydration of alcohols on Al_2O_3 catalysts V E Vasserberg, A A Balandin Probl kin i kat 10 356-362 '60

Stepped dehydration of glycols on a tricalcium phosphate catalyst. L. Kh. Freidlin, V Z Sharf Dokl AN SSSR 136 no 5 1108-1111 F '61

Thermal dehydration of silica and certain properties of its surface A V Bondarenko, V F Kiselev, G K Krasil'nikov Dokl. AN SSSR 136 no 5, 1133-1136 F '61

DEHYDROGENASE

Concerning S. E. Shnol's article "On the existence of thiamine dehydrogenase. A. A Titaev Biul. eksp. biol. i med. 50 no. 7 68-69 Jl '60.

DPN-diaphorase, TPN-diaphorase, and succinic dehydrogenase in precancerous and cancerous tissues, histochemical studies N. T Raikhlin Vop onk 7 no 3 41-48 '61

Further considerations on thiamine dehydrogenase [with summary in English]. IU. M Ostrovskii, Biul. eksp biol i med. 50 no. 7 66-68 Jl '60

DEHYDROGENATION

Characteristics of the process involving the dehydrogenation of n-butane to n-butylene in the first few minutes of the action of the catalyst following the latter's regeneration. I. IA. Tiurinev. Zhur. prikl khim 34 no. 3 703-705 Mr '61.

Converter of a butane dehydrogenation unit. D. A. Kaushanskii, V. A. Moskalenko. Khim mash no 3 3-5 My-Je '61.

Dehydrogenation of 2, 2, 4-trimethylpentane on an alumina-chromium oxide-potassium oxide catalyst E A Timofeeva, N. I Shukin, T. B Dobrynina Izv AN SSSR Otd khim nauk no 5, 863-867 My '61

Effect of pressure, temperature, and thiophene concentration on the depth of dehydrogenation and isomerization of cyclohexane in the presence of platinum catalysts. Kh. M Minachev, D A Kondrat'ev Izv. AN SSSR Otd. khim nauk no 5 877-882 My '61

Hydrodehalkylation of cyclohexane homologs on a nickel alumina catalyst under hydrogen pressure. N I. Shuikin, Tian' Sin-khua (T'ien Hsing-hua) Izv AN SSSR Otd khim. nauk no 5, 854-857 My '61

Kinetic determination of the energy of the bond between H, D, C, O and N, and zinc oxide [with summary in English]. A. A. Balandin, I. D. Rozhdestvenskaia. Zhur. fiz khim 34 no 4 872-879 Ap '60

Kinetics of the dehydrogenation of ethyl benzene to styrene A. A. Balandin, O K Bogdanova, I P Belomestnykh Dokl AN SSSR 138 no. 3 595-597 My '61

Role of d electrons in catalysis Kinetics of dehydrogenation of isopropyl alcohol in the presence of copper, cobalt, nickel, iron, silver, platinum, and palladium A. A Balandin, P Teteni. Probl kin i kat 10, 339-343 '60.

DELAY NETWORKS

Fundamentals of the theory of a spiral elliptical delay line V S. Brykov. Izv vys ucheb zav, radiotekh. 4 no 2:185-191 Mr-Ap '61

Transistorized capacitance delay line. V. IA. Ovlasiuk. Trudy TSNII MPS no. 209, 53-59 '61.

DELIVERY OF GOODS see subdivision under Moldavia; Priozersk

DELIVERY OF GOODS (LAW)
(see also subdivision under Czechoslovakia)

Decisions of arbitration agencies. Sov. iust. no. 4 93-94 Ap '60.

New special regulations on the delivery of lumber and prefabricated buildings. N. Shiriaev, M. Morgulis. Sov iust. no 4:33-37 Ap '60.

DEMENTIA PRAECOX see Schizophrenia

DEMETRIUS, GRAND DUKE OF RUSSIA, 1350-1389

Epiphanius the Wise as the author of "The life and death of Dmitrii of the Don, Grand Duke and Russian Tsar" A V Solov'ev. Trudy ODRL 17 85-106 '61

DEMOCRACY

The development of Soviet democracy as the realization of Lenin's theory of the socialist state. A. G. Lashin Vest. Mosk. un. Ser 10: Pravo 15 no 2:3-14 Ap-Je '60.

DEMOCRACY IN EDUCATION see Self-government (in education)

DENGIZSKIY DISTRICT—STOCK AND STOCKBREEDING

On the ranges of a lagging district. K. Mendygozhin. Part. zhizn' Kazakh. 31 no. 5:57-59 My '61.

DENMARK—CARTOGRAPHY

The original way of folding the map of the city of Copenhagen E. I. Soldatkin Geod i kart. no 4 72-75 Ap '61.

DENMARK—MEASURING INSTRUMENTS

Vibromeasuring devices made in Denmark. Izm. tekh. no. 6:58-59 Je '61.

DENMARK—SHIPBUILDING

Brief foreign news. Mor. flot 21 no. 5:42 My '61.

DENSITOMETERS

Selecting the optimum design of a gamma-densitometer. E M Filippov, G A Kuznetsov Geol i geof no 1: 113-115 '61

DENTAL INSTRUMENTS AND APPARATUS

Marginal markers for crowns R B. Verkhovinskii, I. I. Maslovets Stomatologiia 40 no. 1 103 Ja-F '61.

Preparation of cotton rollers by means of a dental drill. IU G. Papulova, Stomatologiia 40 no 2 88 Mr-Ap '61

DENTAL INSTRUMENTS AND APPARATUS—STERILIZATION

Sterilization of some instruments in Departments of Orthopedic Stomatology IU K. Kuznetsov. Stomatologiia 40 no 2 96-98 Mr-Ap '61.

DENTAL MATERIALS

Improving the quality of a thermoplastic impression mass B. R. Vainshtein. Stomatologiia 40 no. 1 104 Ja-F '61

DENTAL PROSTHESIS

Acrylic lacquer. N. N. Ezhkin Stomatologiia 40 no. 2 96 Mr-Ap '61

Centralized casting of steel for dental prosthesis A. N. Zhagot, N. I. Kolegov. Stomatologiia 40 no. 1 102-103 Ja-F '61.

Late results of use of removable arch bar prostheses. M. M Nartymova, Stomatologiia 40 no. 2 73-77 Mr-Ap '61

New construction of dental bridges with interchangeable teeth. M. L. Mnaukian. Stomatologiia 40 no 2 82-85 Mr-Ap '61.

Plastic clamps. I. M. Shtengel'. Stomatologiia 40 no. 1: 101-102 Ja-F '61.

DENTAL PROSTHESIS—PHYSIOLOGICAL EFFECT

Morphological changes in the parodontium under the action of the edge of artificial dental crowns. G. J Pakalns Stomatologiia 40 no. 2 77-82 Mr-Ap '61.

DENTAL PROSTHESIS—STUDY AND TEACHING

Maxillary phantoms for practical lessons on splinting and maxillodental prosthetics. I. M Oksman Stomatologiia 40 no. 2, 91-96 Mr-Ap '61

DENTISTRY

Effectiveness of filling teeth with inserts of various materials. V. D Smitsyn. Stomatologiia 40 no. 2 7-11 Mr-Ap '61.

DENTISTRY—PRACTICE

Dentine matrix. P. M. Fomenko. Stomatologiia 40 no. 2: 87-88 Mr-Ap '61

DENTISTRY—STUDY AND TEACHING

History of dental training prerevolutionary Russia. D A. Bassalyk. Stomatologiia 40 no. 1 82-88 Ja-F '61

DEODORIZATION

Continuous deodorization and refining of fats by the distillation of free fatty acids. E. E. Fainberg. Masl.-zhir. prom. 27 no. 5:23-25 My '61.

Elimination of fish odor from whale oil by means of high-frequency currents. T. A. Khorin. Masl.-zhir. prom. 27 no. 5, 25-26 My '61.

Machine for continuous deodorization of fats. P. K. Gerasimov. Masl.-zhir. prom. 27 no. 5:14 My '61.

Seminar on the improvement of fat deodorization process. Masl.-zhir. prom. 27 no. 5:22 My '61.

DEPARTMENT STORES
(see also subdivision under Astrakhan; Gorkiy; Leningrad, Petushki; Pudozh; Tallinn, Tiflis)

Greenery for department stores. P. Mavreshko. Sov. potreb. koop. 4 no. 4:43 Ap '60.

The store begins with its approaches. M. Balikhin. Sov. potreb. koop. 4 no. 4:38-43 Ap '60.

DEPRESSION, MENTAL

Disorders in the analysis of synthesis of complex stimuli in patients with involutional depression [with summary in English]. E. A. Kostankov. Zhur. vys. nerv. deiat. 10 no. 2:189-194 Mr-Ap '60.

DERAZHNYA DISTRICT—MARRIAGE CUSTOMS AND RITES

A solemn and joyful ceremony. Tamara Pyshna Volov ateist no. 4-41-42 Ap '61.

DERMATITIS see Skin—Diseases

DERMATOLOGY

Psychosomatic trend in modern foreign dermatology; critical review of the literature. IU. A. Kusimov Vest. derm. i ven 35 no. 4, 8-12 Ap '61.

DERMATOLOGY—BIBLIOGRAPHY see Bibliography—Dermatology

DERMATOMYCOSIS

Problems in the clinical classification and terminology of medical mycology. A N Aravitskii. Vest. derm. i ven. 35 no 4, 23-29 Ap '61.

DERMATOPHYTES

Khoroshin, M. G. [Epidermophytosis of the feet] Epidermofitiia stop. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 30 p. (Nauchno-populiarnaia literatura) (DNLM)

DERMOGRAPHIA

Dermography in dysentery in children as an index of functional conditions of cutaneous vessels. O. N. Alekseeva. Pediatriia no. 5 64-70 '61

DESERT FAUNA see subdivision under Sahara

DESERT FLORA see subdivision under Sahara, Sinkiang-Uigur Autonomous region; Turkestan

DESERTS

Reclamation of deserts. M. P. Petrov. Priroda 50 no. 6, 25-31 Je '61.

DESNA VALLEY—SOIL CONSERVATION

Desna Experimental Station on Erosion Control. Biul. nauch.-tekh. inform. Ukr NIIL KhA no. 5, 120-124 '58.

DESOXYCORTICOSTERONE see Corticosterone

DESOXYRIBONUCLEIC ACID

Comparative characteristics of nucleotide composition of desoxyribonucleic acid isolated by various methods from insects and mammals [with summary in English]. I P Kok, A F Opol'skii Biokhimiia 25 no 6 1073-1080 N-D '60

A contribution to the mutation theory. M V. Volkenshtein, A M Ellanskevich Dokl AN SSSR 136 no 5: 1216-1218 F '61

Introduction of foreign desoxyribonucleic acid into the organism of a hen S A Bogatyreva and others. Dokl AN SSSR 136 no 5 1213-1215 F '61

DESULFURATION

Effect of magnesium on the desulfurizing properties of blast furnace slags [with summary in English]. V. M. Zudin and others Stal' 21 no 5 385-391 My '61.

DETERMINATIVE MINERALOGY see Mineralogy, Determinative

DETONATORS

Efficiency of detonators I P Sitnikov, A T Kazakov Geol. zhur no. 1 39-41 Mr '60

DEUTERIUM

Factors of the partial rate of deuterium exchange in dimethylaniline with potassium amide solution in liquid ammonia, and the mechanism of basic deuterium exchange. A I Shatenshtein, IU I Ranneva Zhur ob khim 31 no 5 1423-1431 My '61

Study of the acid-base interaction between aromatic amines and carboxylic acids by the deuterium exchange method A I Shatenshtein, E. N Zvilgintseva, Z N Ovchinnikova Zhur ob khim 31 no 5 1432-1440 My '61

DEVELOPMENT see Growth

DEVIL

A dictionary for atheists. Volov ateist no 4:46 Ap '61.

DEXTRAN

Effect of the transfusion of polyglucin on the noradrenalin of content of the rabbit heart [with summary in English]. R. M. Glants. Probl. gemat. i porel. krovi 5 no. 2:35-38 F '60.

Polyglucin as a hemostatic. A. A. From, N. IA. Lagutina, A. A. Lipats, Khirurgiia 37 no 5:70-75 My '61

Polyglucin circulation rate and means of the administration [with summary in English]. V. B. Kozinov. Pat. fiziol. i eksp. terap. 4 no. 4 47-52 Jl-Ag '61.

DEXTRIN

New continuous method for the production of dextrin (from "Die Stärke," no. 12, 1960) N. A. Bakanov. Sakh prom 35 no. 5 66-68 My '61

DIABETES

Amount of 17-ketosteroids in the urine of patients with tuberculosis of the lungs and diabetes mellitus, preliminary report G. F. Limanskaia Probl endok i gorm. 7 no 2 62-64 Mr-Ap '61.

"Diabetes and tuberculosis" by E. Braemer [in German]. Reviewed by A. E. Rabukhin. Probl. tub. 38 no. 3: 122-123 '60.

Diabetes mellitus therapy with sulfonilamide preparations. T. S. Mnatsakanov, O Sh. Bostandzhian. Terapiarkh. 33 no. 4, 74-80 '61.

DIAGNOSIS

"Physiological methods in clinical practice." Reviewed by E. K. Zhukov Fiziol. zhur 46 no 2 254-256 F '60.

DIAGNOSIS, CYTOLOGIC

Significance of cytology of the vaginal secretions in premature births. M. I. Niedzviets'ka. Ped., akush. i gin. 22 no. 4:60-61 '60.

DIAGNOSIS, FLUOROSCOPIC—EQUIPMENT AND SUPPLIES

Modified standard small-size fluoroscope. S. P. Adaman. Probl. tub. 39 no. 3:109 '61.

DIALECTICAL MATERIALISM

[Against present-day bourgeois ideology; collected articles of German Marxists.] Protiv sovremennoi burzhuaznoi ideologii; sbornik statei nemetskikh marksistov. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 317 p.

The categories of materialist dialectic, identity and dissimilarity. R. O. Karapetian. Trudy MINKHiGP no. 10 119-129 '59.

"Dialectical materialism; a textbook." Reviewed by S. Melikhin. Kommunist 38 no. 9:120-123 Je '61.

Dynnik, M. A., and others, eds. [The history of philosophy in six volumes.] Istoriia filosofii v shesti tomakh. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 5. 1961. 917 p.

In the stream of Lenin's ideas. G. B. Zhdanov. Nauka i zhizn' 27 no. 4:17-21 Ap '60.

"Marxist-Leninist philosophy, a popular textbook" by I. Vorobiov, A. Kogan. Reviewed by I. Bolovakha, P. Kopnin. Komm. Ukr. 36 no. 6:85-89 Je '61.

Materialist dialectics and present-day social development. V. Snastin, A. Vishniakov. Polit. samoobr. 5 no. 5:22-35 My '61.

Principal features of the Michurin theory in the light of dialectical materialism. Todor Pavlov. Agrobiologiia no. 3:323-336 My-Je '61.

The process of dialectical generalization. I. A. V. Sazonov. Vest. Mosk. un. Ser. 8 Ekon., filos. 15 no. 1:67-76 '60.

V. I. Lenin on dialectics, the living soul of Marxism. V. Stepanov. Komm. Bel. 34 no. 1:30-37 Ap '60.

DIAMAGNETISM

Polarization of the nuclei of diamagnetic elements dissolved in iron [with summary in English]. B. N. Samoilov, V. V. Skliarevskii, E. P. Stepanov. Zhur. eksp. i teor. fiz. 38 no. 2:350-371 F '60.

DIAMOND CRYSTALS—SPECTRA

Absorption spectra of diamonds. G. O. Gomon. Opt. i spektr. 8 no. 3:406-408 Mr '60.

DIAMOND MINES AND MINING

(see also subdivision under Mirnyy, South-West Africa)

Special problems concerning the expertise of theft in diamond mining. V. M. Pochinkin. Sov. kriminal. i sudeb. ekspert. no. 14 46-63 '61.

DIAMOND TOOLS see Diamonds, Industrial

DIAMONDS

(see also subdivision under Yakutia)

Bond type and properties of the semiconductor crystallochemical group diamond - zinc blende - wurtzite. N. A. Gorliunova. Probl. kin. i kat. 10 96-101 '60.

Calculating the internal field in diamond and NaCl crystals. Z. A. Demidenko. Fiz. tver. tela 3 no. 3 803-810 Mr '61.

DIAMONDS—ANALYSIS

Sampling method in indigenous diamond deposits. A. A. Malaev. Izv. vys. uchеb. zav., geol. i razv. 3 no. 12 67-77 D '60.

DIAMONDS, INDUSTRIAL

Machining watch parts with diamond tools. G. A. Kruglov, I. K. Tarasevich. Priborostroenie no. 5:19-21 My '61.

DIAPHRAGM—SURGERY

Late results of surgery in relaxation of the diaphragm. A. N. Mitonov. Khirurgiia 37 no. 5:128-129 My '61.

DIAPHRAGMS (MECHANICAL DEVICES)

Using a segmental diaphragm in measuring pulp consumption at ore-dressing plants. V. V. Afanas'ev, L. G. Balsh. Sbor. mat. po avtom. proizv. protsessov i disp. no. 5 27-33 '60.

DIARRHEA

Escherichia coli enteritis in infants; survey of the literature on etiology, epidemiology, and pathogenesis. N. A. Iakhnina, I. I. Shatrov, N. B. Mordvinova. Vest. AMN SSSR 15 no. 4:62-74 '60.

DIASTASE see Amylase

DIATHERMY

Influence on stomach function of some physical methods of treatment (diathermy, novocaine electrophoresis, and paraffin applications). P. K. Lipatova. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 1:27-31 '61.

Retrocaliary diathermy in glaucoma [with summary in English]. S. B. Rozovskaia. Oft. zhur. 15 no. 3:148-154 '60.

DIATHERMY, SURGICAL see Electrosurgery

DIAZONIUM COMPOUNDS—SPECTRA

Infrared absorption spectra of double diazonium salts [with summary in English]. L. A. Kazitsyna, O. A. Reutov, Z. F. Buchkovskii. Zhur. fiz. khim. 34 no. 4:850-855 Ap '60.

DICHROISM

Simple derivation of the Kramers-Kronig relationships. V. S. Galishev. Opt. i spektr. 8 no. 3:417-419 Mr '60.

DICKENS, CHARLES, 1812-1870

Katarskii, I. M. [Dickens; an account of his life and works.] Dikkens, kritiko-biograficheskii ocherk. Moskva, Goslitizdat, 1960. 270 p.
(MH)

DIE CASTING

Die casting of aluminum alloys at reduced temperatures. A. B. Zuev. Mashinostroitel' no. 5:32 My '60.

Odessa (Province) TSentral'noe konstruktorsko-tekhnologicheskoe biuro. [Making objects from liquid metals with accelerated crystallization.] Poluchenie izdelii iz zhidkikh metallov s uskorennoi kristallizatsiie. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 323 p.

Pressure die casting. V. IA. Tarutin, E. S. Stebakov. Trudy MATI no. 49:24-46 '61.

DIELECTRIC CONSTANTS

Dielectric constant of some organic compounds in a wide temperature range [with summary in English]. A. V. Komandin, A. K. Benetskaia. Zhur. fiz. khim. 34 no. 4:845-849 Ap '60.

DIELECTRICS

Dielectric properties of articles made of molding compositions based on phenol-formaldehyde and aniline-phenol-formaldehyde resins. I. F. Kanavets, L. F. Grigor'eva. Plast. massy no. 6:13-20 '61.

Measurement of the electric conductivity of solid dielectrics over a wide temperature range. E. K. Zavadovskaia, M. N. Trostina. Zav. lab. 27 no. 5 569-572 '61.

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 205-58 for checking 30-I microwave dielectric-measuring devices.] Instruktsiia 205-58 po poverke izmeritelei dielektrikov 3-santimetrovogo diapazona tipa 30-I. Izd. ofitsial'noe. Moskva, 1957. 7 p.

Vorob'ev, A. A. [Insulating properties, strength, and breakdown of dielectrics.] Izoliatsionnye svoistva, prochnost' i razrushenie dielektrikov. Novosibirsk, Izd-vo Sibirskogo otd-niia AN SSSR, 1960. 198 p.

DIENCEPHALON—DISEASES

Lipid metabolism disorders in patients with diencephalitis. I. E. Ganelina, IA. M. Kraevskii. Klin. med. 39 no. 5:36-41 My '61.

DIES (METALWORKING)

Automatic control of the stamping of die holders. A. I. Maksimov, N. E. Vakhutin. Kuz.-shtam. proizv. 3 no. 5 13-17 My '61.

Studying the thermal pattern of the performance of dies in hot stamping. V. P. Severdenko, I. N. Mekhed. Dokl. AN BSSR 5 no. 5 212-214 My '61.

DIES (METALWORKING)—HANDBOOKS, MANUALS, ETC.

"Handbook for the making of dies for die stamping" by V. M. Anikin, IU. S. Lukashin. Reviewed by A. R. Safarlants. Kuz.-shtam. proizv. 3 no. 5 48,3 of cover My '61.

DIES (METALWORKING)—STORAGE

Mechanized storeroom for keeping large dies. B. I. Panfilov. Mekh. i avtom. proizv. 15 no. 5:15-16 My '61.

DIESEL ELECTRIC POWER PLANTS

New developments in technology. Ukraina no. 11:27 Je '61.

DIESEL ENGINES

(see also subdivision under Kharkov)

Improving the speed regulator of D-54 engines. A. Persianov. Tekh. v sel'khoz. 20 no. 4:39-43 Ap '60.

Universal regulator for diesel engines. L. A. Boroshok. Mekh. sil'. hosp. 12 no. 6:26-29 Je '61.

DIESEL ENGINES—FUEL SYSTEMS

"Feeding system of the YaAZ-204 diesel" panel. P. Zauber. Avt. transp. 39 no. 4:48 Ap '61.

Inspection of jets and pump and injector units during their operation. E. Popov. Avt. transp. 39 no. 4:17-19 Ap '61.

DIESEL ENGINES—MAINTENANCE AND REPAIR

Our experience in replacing D-208-L1-80 bushings. M. IU. Kindii. Mekh. sil'. hosp. 12 no. 5:16-17 My '61.

DIESEL ENGINES—VALVES

How the wear of the fuel pump return valve affects the performance of diesel fuel systems. V. Antipov. Tekh. v sel'khoz. 20 no. 4:35-39 Ap '60.

DIESEL FUELS

Hydrofining of a diesel fuel distillate by means of hydrogen in the presence of carbon monoxide and carbon dioxide impurities. L. N. Osipov and others. Khim. i tekh. topl. i masel 6 no. 5:15-17 My '61.

DIESEL LOCOMOTIVES

(see also subdivision under Kolomna; Leningrad, Lugansk)

Excursion to a diesel locomotive shed. A. S. Nadionov. Tiaz. v shkole 26 no. 7:89-91 Mr-Ap '60.

Ways of improving the N60 diesel locomotive. G. N. Tikhmenev, B. N. Rebrik, I. F. Glushkov. Vest. TSNII MPS 20 no. 3:3-9 '61.

DIESEL LOCOMOTIVES—DESIGN AND CONSTRUCTION

Underframe of the new TE50 and TE50 diesel locomotives. L. I. Sulimtsev. Vest. TSNII MPS 20 no. 3:24-29 '61.

DIESEL LOCOMOTIVES—MAINTENANCE AND REPAIR

Two years later... R. Fedorov. Mol. tekh. 5 no. 1 12-16 Ja '61.

DIET IN DISEASE

Changes in conditioned and unconditioned reflexes in fatted various diets during radiation injuries [with summary in English]. S. B. Perepelkin. Zhur. vyss. nerv. deiat. 11 no. 1:171-178 Ja-F '61.

Therapeutic diet in urolithiasis. D. G. Abramovich. Zdrav. Belor. 6 no. 4:59-60 Ap '60.

DIETHYLENE GLYCOL

Hydrolytic degradation of D'-methoxy-D-hydroxymethyldiethylene glycol in an acid medium. Z. I. Kuznetsova, V. I. Ivanov. Izv. AN SSSR. Otd. khim. nauk no. 5:930-931 My '61.

Kinetics of the extraction of toluene by diethylene glycol from a mixture of toluene with n-heptane in packed columns. M. Kh. Kishinevskii, I. A. Mochalova. Zhur. prikl. khim. 33 no. 10:2344-2349 O '60.

DIFFERENCE EQUATIONS

Iteration method of solving systems of finite difference equations. E. G. D'iakonov. Dokl. AN SSSR 138 no. 3:522-525 My '61.

Method of variable directions in solving systems of finite difference equations. E. G. D'iakonov. Dokl. AN SSSR 138 no. 2:271-274 My '61.

Solving systems of difference equations. V. V. Rusanov. Dokl. AN SSSR 136 no. 1:33-35 Ja '61.

DIFFERENTIAL EQUATIONS

Analytical structure of an explicit solution of an equation of integral curves of certain systems of differential equations. A. N. Filatov. Dokl. AN BSSR 5 no. 5 191-193 My '61.

Approximate solution of a nonlinear equation [with summary in English]. A. N. Filatov. Inzh.-fiz. zhur. 4 no. 5:111-114 My '61.

Behavior of the solution of Stefan's problem in the case of unlimited increase of time. Gu Lun'-kun' [Ku Lien-k'un]. Dokl. AN SSSR 138 no. 2:263-266 My '61.

Comments on my article "A boundary problem in linear conjugation for several unknown functions." N. P. Vekua. Soob. AN Gruz. SSR 24 no. 1:3-6 Ja '60.

Frommer's method generalized. I. S. Kukles, A. M. Sutarshiev. Dokl. AN SSSR 136 no. 1:20-22 Ja '61.

General systems of differential equations with constant coefficients. B. P. Panelakh. Dokl. AN SSSR 136 no. 2:297-300 My '61.

Growth of nonsingle-valued solutions of ordinary differential equations. Sh. I. Strelits. Mat. sbor. 53 no. 2:169-194 F '61.

Heat conduction problem for a cylinder [with summary in English]. V. I. Makhovikov. Inzh.-fiz. zhur. 4 no. 5 119-124 My '61.

Investigating solutions of Heun's equations. V. F. Kovalenko. Visnyk Kyiv. un. Ser. astron., mat. ta mekh. no. 1 83-86 '58.

One class of variation theorems for eliptical systems of differential equations. N. O. Pakhartsev, A. M. Kitanbko. Visnyk Kyiv. un. Ser. astron., mat. ta mekh. no. 1:119-124 '58.

The phenomenon of convergence in periodic nonlinear systems. V. A. Pliss. Dokl. AN SSSR 138 no. 2:301-304 My '61.

Problem of equations close to exactly differentiable. IU. O. Mitropol'skyi. Visnyk Kyiv. un. Ser. astron., mat. ta mekh. no. 1 97-100 '58.

Qualitative study of integral curves on the whole of the system $\frac{dx}{dt} = y + Ax^3 + Bx^2y + Cxy^2 + Dy^3$, $\frac{dy}{dt} = -x^3 - 3Ax^2y + Mxy^2 + Ny^3$ when (0, 0) is the center. N. A. Lukashevich. Dokl. AN BSSR 5 no. 5:307-310 My '61.

Remark on G. M. Zhdanov's article "Approximate solution of a system of first-order differential equations with a retarded argument." A. D. Myshkis. Usp. mat. nauk 16 no. 2:131-133 Mr-Ap '61.

Remarks on A. V. Pkhakadze and A. A. Shestakov's article "Classification of the singular points of a first-order differential equation unsolved with respect to the derivative." P. V. Sokolov. Mat. sbor. 53 no. 4:541-543 Ap '61.

Semigraphical investigation of one type of self-oscillatory system. N. K. Kaminskii. Nauch. dokl. vys. shkoly, radiotekh. i elektron. no. 2:185-196 '59.

Solvability of nonlinear Ritz systems. L. N. Gagen-Torn, S. G. Mikhlin. Dokl. AN SSSR 138 no. 2:259-260 My '61.

DIFFERENTIAL EQUATIONS (Continued)

Some systems of differential equations admitting of the potential method of integration I S. Arzhanykh Izv. AN Uz SSR. Ser. fiz -mat. nauk no 2 52-56 '61.

DIFFERENTIAL EQUATIONS, LINEAR

Accumulation of perturbations in linear systems L S Gnoenskii Prikl mat i mekh 25 no 2 389-391 Mr-Ap '61

Behavior of integral curves in the vicinity of a periodic motion V I Zubov Prikl mat i mekh 25 no 2 393-393 Mr-Ap '61

Boundary value problems for quasi-linear strongly elliptic systems of equations having a divergent form M I Vishik Dokl AN SSSR 138 no 3 518-521 My '61

Cauchy problem for quasi-linear systems V. I. Dia-chenko Dokl AN SSSR 136 no 1 16-17 Ja '61

Construction of periodic motions E A Barbashin Prikl mat i mekh 25 no 2 276-283 Mr-Ap '61

Forced oscillations and stability of quasi-harmonic systems L N Rozenvasser Prikl mat i mekh 25 no 2 284-293 Mr-Ap '61.

Hill's method in the theory of linear differential equations with periodic coefficients K G Valeev Prikl mat i mekh 25 no 2 311-318 Mr-Ap '61

Limitability of solutions of a linear differential equation of the fourth order of a self-conjugated type I A Pavliuk Visnyk Kyiv un Ser astron , mat ta mekh no 1 19-23 '59

Logarithmic solutions of systems of linear differential equations with a particularly irregular point. M I Tereshchenko Visnyk Kyiv un Ser. astron , mat ta mekh no. 1 115-118 '58

A new method of solving Cauchy's problem in the large for quasi-linear equations. B. L Rozhdestvenskii. Dokl AN SSSR 138 no. 2 309-312 My '61.

Numerical solution of linear differential equations by means of a differentiation matrix. A. V. Aleksandrov. Trudy MIIT no. 131, 253-266 '61.

Regions of stability of an equation with periodic coefficients IU. P Pyt'ev Prikl mat. i mekh 25 no 2 294-302 Mr-Ap '61

Solution of the boundary value problems for linear elliptic equations in an unbounded domain [with summary in English] A P Oskolkov. Vest LGU 16 no. 7, 38-50 '61

Solutions of a second-order in homogeneous linear differential equation with a retarded argument S B Norkin Usp. mat nauk 16 no 2 143-148 Mr-Ap '61

DIFFERENTIAL EQUATIONS, PARTIAL

Bayes selection between two hypotheses on the mean value of a normal process. V. S Mykhalevych Visnyk Kyiv. un Ser astron , mat ta mekh no 1 101-104 '58

Behavior of the solution of Cauchy's problem for a parabolic equation when time tends toward infinity Usp mat nauk 16 no. 2 116-121 Mr-Ap '61

Cauchy problem for an equation with many spatial variables describing nonstationary seepage of gas E. S. Sabinina Dokl. AN SSSR 136 no 5, 1034-1037 F '61.

Certain estimates connected with integral operators and solutions of elliptic equations. V I Udovich Dokl AN SSSR 138 no. 4 805-808 Je '61

Differential properties of Green's function in a many-point boundary value problem A IU. Levin Dokl AN SSSR 136 no. 5, 1022-1025 F '61

Estimating the error arising when using the method of grids to find the solution to the Dirichlet problem for the Laplace equation D F Davidenko Dokl. AN SSSR

DIFFUSERS

Evaluation of the efficiency of diffusers. I. P. Slobodianik. Izv. vys ucheb. zav. ,pishch tekh no 2:130-135 '61.

Performance of the "Olier" diffuser installed in the Korenevo Sugar Factory I A Krikein Sakh prom 35 no 5 15-17 My '61

DIFFUSION

Application of the similitude principle in the study of mass transfer processes [with summary in English] A. G. Usmanov, A. N Berezhnoi. Zhur. fiz khim. 34 no 4 907-920 Ap '60

Carbon diffusion in the fusion zone of dissimilar steels and its effect on the mechanical properties of welded joints. B I. Bruk, G. M. Avdei Svarka 2 29-46 '59

Characteristics of diffusion redistribution of carbon in undercooled austenite. L. S. Palatnik, I. A. Tananko. Fiz met i metalloved 9 no 4 551-557 Ap '60

Characteristics of the kinetics of diffusion processes in cemented layers of alloys. A. P. Liubchenko. Fiz. met. i metalloved. 11 no. 5 714-724 My '61.

Defining more accurately the concept of the localization of chemical reactions in the diffusion reaction in solids Part 1 Partial delocalization of the reaction in a substitutional phase layer. V. I. Arkharov. Fiz. met. i metalloved 9 no. 4 545-553 Ap '60.

Determination of the diffusion coefficient of poly-p-chlorostyrene fractions in chloroform [with summary in English]. K. G. Berdnikova, K. A. Aslanian. Vysokom. soed. 3 no. 2:228-231 F '61.

Diffusion in heterophase systems. Bao-Sine-Sin', B. S. Bokshtein, A A Zhukhovitskii. Fiz tver. tela 3 no. 3. 723-728 Mr '61

Diffusion of nickel in a nickel-molybdenum alloy in an electric field [with summary in English] D F. Kalinovich and others Inzh -fiz zhur 4 no 5 108-110 My '61

Effect of segregation surfaces on the diffusion in metals. V. T. Borisov, V. M. Golikov, G. V. Shcherbedinskii. Fiz. met. i metalloved. 11 no. 5 709-713 My '61.

Electrodiffusion in dilute solutions of lead and mercury in metallic potassium [with summary in English]. S. I. Drakin, IU K. Golubkova, I. P. Unbakova Zhur fiz. khim. 34 no. 4 866-871 Ap '60

Helium diffusion through sedimentary rocks [with summary in English]. R. Newton, G. F. Round. Geokhimiia no. 4:332-353 '61.

Investigating certain physical processes occurring on the surface of crystalline solids at high temperatures. Part 5. Self-correction of defects purposely produced on the surface of polycrystalline copper IA. E. Gegulin, N. N. Ovcharenko Fiz. met. i metalloved 9 no. 4 560-577 Ap '60

Investigating reaction diffusion in systems metal - mixed gas. Part 6 System tungsten - carbon - nitrogen. A. F. Gerasimov, V. N. Konev, N. F. Timofeeva. Fiz. met. i metalloved. 11 no. 4, 596-600 Ap '61.

Investigating the effect of small additions of cadmium on the parameters of volumetric and boundary diffusion of cadmium in copper. A. L. Revo. Fiz. met. i metalloved. 11 no. 5 725-729 My '61.

Investigating the effect of small additions of silver on the parameters of volume and boundary diffusion of silver in copper. S. D. Gertsriken, A. L. Revo. Fiz. met. i metalloved. 9 no. 4 578-583 Ap '60

Kinetics of reaction diffusion in binary systems. N. M. Rodigin Fiz. met i metalloved. 11 no 2, 240-248 F '61.

Mechanism of thermal diffusion in fluids. V. B. Fiks. Fiz. tver. tela 3 no. 3 904-907 Mr '61.

New method of investigating longitudinal turbulent diffusion in a duct [with summary in English] A. I Zhernovoi Inzh -fiz. zhur 4 no 5 91-93 My '61

Some properties of diffusion processes depending on a certain parameter. IU. N. Blagoveshchenskii, M. I. Freidlin. Dokl AN SSSR 138 no. 3, 508-511 My '61.

Theory of diffusion mobility and electric transfer in metals and metallic solid solutions. K. P. Gurov. Fiz. met. i metalloved. 11 no. 4, 496-506 Ap '61.

Theory of the behavior of concentrated heterogeneity in regular solid solutions. G I. Krasko, B. IA Liubov. Fiz met. i metalloved 11 no. 2, 186-193 F '61.

DIFFUSION COATINGS

Oxidation of titanium and its alloys at high temperatures. P. M. Arzhanyi. Titan i ego splavy no. 1 82-86 '58.

Titanium diffusion coatings on iron. N. S. Gorbunov. Titan i ego splavy no. 1 87-90 '58.

DIGESTION

"Problems in the physiology and pathology of digestion", "Trudy" of the Institute of Normal and Pathological Physiology, vol. 2, 1958. Reviewed by R. I. Gavrilov Pat. fiziol. i eksp terap. 4 no. 2 92-93 Mr-Ap '60.

Seasonal variation of the intensity of digestive processes in the burbot. O. A. Gomazkov. Vop. ikh. no. 17:75-82 '61.

DIGESTIVE ORGANS

Changes in muscle contractility during interoceptive stimulation [with summary in English]. I. D. Boenko, S. I Vasilov, V. L. Cherkashina. Fiziol. zhur 46 no. 2: 210-213 F '60.

Influence of stimulation of the mechanoreceptors in the gastrointestinal tract on some blood indexes at high temperature. R T. Vakhidova. Med. zhur. Uzb no. 4 31-34 Ap '61.

Morphological and dosimetric investigations following the experimental introduction of radon water into the gastrointestinal tract F L. Leites, L. S Ruzer Vop kur , fizioter i lech fiz kul't 26 no 1 13-22 '61

Role of digestive organs of mammalian fetuses in the processes of intrauterine nutrition [with summary in English] I V Davletova Zhur ob biol 22 no 3, 201-209 My-Je '61

DIGESTIVE ORGANS—DISEASES

(see also subdivision under Uzbekistan)

Pathomorphological changes in the gastrointestinal tract in lead poisoning. Kh. M. Kadyrbaeva. Trudy Inst. krayev. pat. AN Kazakh SSR 8 96-100 '60.

DIGESTIVE ORGANS—FISHES

Nature of the variability of pyloric appendages of the intestine in the Norwegian and Baltic herrings A V Chepurnov Vest Mosk un Ser 6 Biol , pochv 16 no 2 30-35 Mr-Ap '61

DIKES (GEOLOGY)

(see also subdivision under Transbaikalia)

Dikes in the Ikhnach region and their relationship to formations of intrusives and skarns F A Usmanov U. b. geol. zhur no 2 15-23 '61

DIMENSIONAL ANALYSIS

Dolezalik, Vitezslav. [Similitude and modeling in chemical engineering. Translated from the Czech] Podobie i modelirovanie v khimicheskoi tekhnologii. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 95 p. (Metody i protsessy khimicheskoi tekhnologii)

DIMITRIADI, ODISSEI

Odissei Dimitriadi on the podium. G. IUdin. Sov. muz. 25 no. 6, 156-157 Je '61.

DIODES

Alloy junction GaAs diodes. IU. M Bardukov and others. Fiz. tver. tela 3 no 3 901-904 Mr '61.

Compensating the nonlinearity of diodes A E. Vishniakov Izm tekh. no 5:45-46 My '60

Magnetodiodes. E. I. Karakushan, V. I. Stafeev. Fiz tver. tela 3 no. 3 877-886 Mr '61.

Transient characteristics of a junction transistor diode. I P. Stupanenko Izv vys ucheb. zav , radiotekh. 4 no 3:127-139 Mr-Ap '61

DIONINE

Electrophoresis of dionine in the region of the reflexogenic cardiac zone of Zakhar'ina-Geda in chronic coronary insufficiency G K Lavskii, D N Smirnova Vop kur., fizioter. i lech fiz kul't 26 no 1 62-64 '61

DIOSCOREA

Dioscorea as a source of raw material for the synthesis of steroid hormones. V. I. Kichenko Med. prom. 15 no. 3:17-20 Mr '61.

DIPEPTIDES

Effect of carnosine, anserine, histidine, and some amino acids on the activity of pyruvic dehydrogenase from the pectoral muscles of a pigeon. S. E. Severin, S. V. Shestakov, O. E. Vorob'ev. Dokl. AN SSSR 138 no. 2, 462-465 My '61.

DIPHENHYDRAMINE

Dynamics of change in the titer of complement in guinea pigs in anaphylactic shock and in conditions of shock inhibition with dimedrol [with summary in English]. V. K. Kozlov, Z. S. Kalashnikova. Biul. eksp. biol. i med. 51 no. 1:68-70 Ja '61.

DIPHENYLAMINE

Nature of substances giving a diphenylamine reaction with sera of rheumatic patients E. G Laraki Vop med. khim 6 no. 2:146-150 Mr-Ap '60

DIPHENYLAMINE—SPECTRA

Correlation between absorption spectra and pH of diphenylamine and some of its derivatives in ethanol solution [with summary in English]. P. M. Bugai, E. I. Filippova, A. S. Gol'berkova. Zhur. fiz. khim. 35 no. 4:825-827 Ap '61.

DIPHTHERIA

(see also subdivision under Moscow Province)

Accelerated diagnosis of diphtheria by means of fluorescence microscopy. M. O. Podgaiskaia, A. P. El'kina. Lab. delo 7 no. 5:51-53 My '61.

Antipyretic effect of pyramidon in post-vaccinal fever, dinitrophenol hyperthermia, and experimental diphtheria intoxication [with summary in English]. L. N. Bystrova. Biul. eksp. biol. i med. 51 no. 2:37-41 F '61.

Determination of the specificity of the lines of precipitation in an investigation of the toxigenicity of diphtheria microbes in a dense nutrient medium. G. P. Sal'nikova, L. V. Lugovaia. Lab. delo 7 no. 5:53-56 My '61.

DIPHTHERIA (Continued)

Diphtheria and problems in its eradication M I Khazanov Vest AMN SSSR 15 no 3 3-8 '60

Effect of antibiotics on antigenic properties of diphtherial toxins and anatoxins in gel diffusion precipitation experiments [with summary in English] V N Derbach, I.I Gol'bets. Antibiotiki 6 no 2 153-158 F '61

Effect of screening and of the administration of bone marrow cells on the effectiveness of seroprophylaxis in diphtherial intoxication in irradiated animals D R Kaulen Med rad 6 no 1 43-47 '61

Effectiveness of the use of a manifestator for the separation of diphtheria bacteria. E.V. Babulina. Lab. delo 7 no.5 57 My '61.

Materials on the etiopathogenesis of toxic diphtheria N S Loginova, R F. Umarova, R A Katsnel'son Med zhur Uzb no 3 44-47 Mr '61

Molchanov, V.I. [Diphtheria] Difteriia. Izd.2., ispr.i dop. Moskva, Gos.izd-vo med.lit-ry Medgiz, 1960. 198 p.
(DNLM)

Treatment of toxic forms of diphtheria [in Azerbaijani with Russian summary]. K.A. Amirdzhanov. Azerb. med.zhur. no.4 120-125 Ap '60.

"Use of dry blood for bacteriological diagnosis of diphtheria" by Z.I. Galanina, E.V. Razzhivina. Lab.delo 7 no.5:57 My '61.

DIPHTHERIA—PREVENTIVE INOCULATION

Influence of influenza on postvaccinal antidiphtheria immunity. Iu.M Ovchinnikov. Fel'd.i akush. 25 no.4:34-35 Ap '60.

DIPLATSIN

Case of prolonged apnoea from the use of diplatsin. G.P. Mamontov. Akt. vop. obezbol. no.2,127-130 '59.

Use of diplatsin in surgical anesthesia in patients with heart defects. T.M. Darbinian. Akt. vop. obezbol. no.2 120-126 '59.

DIPLOMACY

Vienna convention on diplomatic relations. G Tunkin. Mezhdunar. zhizn' 8 no. 6.72-80 Je '61.

DIPLOMATIC DOCUMENTS

The written reports of Russian envoys to the Crimea in the 17th century, special forms and methods of their preparation A A. Novosel'skii Probl istoch no 9. 182-194 '61

DIPLOMATS—CORRESPONDENCE, REMINISCENCES, ETC.

At a diplomatic post during the years of the war. A.E. Bogomolov. Mezhdunar. zhizn' 8 no. 6.98-107 Je '61.

DIPTERA
(see also subdivision under Volga River)

Dipteran larvae feeding on earthworms [with summary in English]. N. P. Krivosheina Zool zhur 40 no 5: 715-718 '61.

DIRECT CURRENT MACHINERY see Electric motors, Direct current

DIRICHLET'S SERIES see Series, Dirichlet's

DISABILITY EVALUATION
(see also subdivision under Yaroslavl)

Dynamics of invalidism in the sequelae of industrial trauma and causes of its variation. A. P. Kotov. Ortop. travm. i protez. 22 no. 1:85-89 Ja '61.

Expert disability evaluation of patients with multiple sclerosis [with summary in French]. V. E Grechko Zhur nevr. i psikh. 60 no. 11:1467-1473 '60.

Further improvement of service to pensioners in the R.S.F.S.R. Okhr. truda i sots. strakh. 4 no. 5:60-61 My '61.

It is time for all physician experts to start working in the new way I. Kartashov. Sots. obesp. 22 no. 5:24-27 My '61

Nezlin, S.E. [Expert evaluation of work capacity and work organization of pulmonary tuberculosis patients; manual for phthisiologists and disability evaluators] Ekspertiza trudosposobnosti i trudovoe ustroistvo bol'nykh tuberkulezom legkikh; posobie dlia ftiziatrov i ekspertov. Minsk, TSentr. in-t usovershenstvovaniia vrachei, 1960. 199 p.

Role of industrial factors in disease incidence with temporary disability among industrial workers B. IA Tepliakov. Zdrav. Ros. Feder. 5 no. 5:20-22 My '61

DISARMAMENT

Appeal of the Supreme Soviet of the Union of Soviet Socialist Republics to the parliaments and governments of the entire world. Brat. vest. no. 1:3-5 '60.

At the Disarmament Conference in Geneva. Blok agit [Ukr.] no 12:62-63 Ap '60

Christian view on disarmament. Bishop Ioann. Zhur. Mosk. Patr. no. 5:48-52 My '61.

A daring step forward with snares by the curb. Nikolai Gribachev. Moskva 4 no. 3:3-6 '60.

Disarmament and the struggle against colonialism. Jweli Mgogo Vsem. stud. nov 15 no. 2 5-6 F '61

Disarmament is the most important problem of our time [with summary in English, p 191] A V. Topchiev Vop filos 15 no 5 12-19 '61

Truth and falsehood in the disarmament talks. G.Andreev. Mezhdunar. zhizn' 8 no. 6 3-19 Je '61.

DISCOMYCETES see subdivision under Georgia

DISCUS FISH

Fish "milk." Znan ta pratsia no 2 30 F '61

DISLOCATIONS IN METALS

Microscopic calculation of the spacing of atoms in a dislocation. B.A. Grinberg, A.N. Orlov. Fiz. met. i metalloved. 11 no. 4 481-488 Ap '61.

Professor A. H. Cotrell's lectures I. A. Oding, V. N. Geminov Metalloved i term obr. met no 5 46-49 My '61

DISMISSAL OF EMPLOYEES see Employees, Dismissal of

DISORDERLY CONDUCT

In the Presidium of the Supreme Soviet of the R S F S R. Sov. iust no 10 24-25 My '61

Responsibility for refusal to obey the orders of persons who represent the Soviet Government and the Soviet people. N Struchkov. Sov. iust no. 11;5-7 Je '61

DISPENSING APPARATUS

Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instruction 24-57 for checking kerosene pumps] Instruktsiia 24-57 po poverke dozatorov kerosina. Izd. ofitsial'noe. Moskva, 1957. 7 p.

DISPENSING APPARATUS—TESTING

Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 29-57 for checking sirup dosers] Instruktsiia 29-57 po poverke dozatorov siropa. Izd. ofitsial'noe. Moskva, 1956. 6 p.

Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 34-54 for checking DN-type vodka distributors] Instruktsiia 34-54 po poverke dozatorov vodki tipa DN. Izd. ofitsial'noe. Moskva, 1957. 6 p.

DISPOSSESSION see Eviction

DISTILLATION, FRACTIONAL

Calculation of continuous rectification systems with recycling of distillate and stillage residue flow. V.V. Popov, T.P. Korablina, A.S. Sukhiev. Plast. massy no. 6:25-28 '61.

Determination of the minimum reflux-to-product ratio in the rectification of multicomponent mixtures B. N Mikhailovskii. Izv vys. ucheb. zav., khim i khim. tekh. 4 no. 2 310-313 '61.

DISTILLATION, FRACTIONAL—CONGRESSES

All-Union Interuniversity Conference on the Theory and Practice of Rectification in the Chemical and Food Industries P. TSygankov. Izv. vys. ucheb zav., khim. i khim tekh. 4 no. 2 328-332 '61.

DISTILLING, ILLICIT
(see also subdivision under Molotitskiy District)

In the presidiums of the Supreme Soviets of the U.S.S.R. and the R.S.F.S.R Sov. iust. no. 11;25-26 Je '61

New laws and regulations enacted by the ministries and governmental agencies of the U.S.S.R. and the Union Republics. Sots zakon 37 no. 4-81-83 Ap '60.

New laws and regulations enacted by the ministries and governmental agencies of the U.S.S.R. and the Union Republics. Sots. zakon. 38 no. 6-84-86 Je '61.

Public struggle against illicit distilling and drunkeness. V. Dibrova, S. Dunaiets'. Rad. pravo no. 2.97-98 Mr-Ap '60.

DISTRIBUTION (PROBABILITY THEORY)

Asymptotic analysis of some limit theorems in the probability theory [with summary in English]. V. V Petrov. Vest LGU 16 no. 7.51-61 '61.

DISTRIBUTIVE EDUCATION
(see also subdivision under Kazakhstan; Tartu)

Students acquire trade vocations B. Govilov. Sov. torg. 34 no. 5 35-38 My '61.

DITCHES

Aspects of engineering geology in the designing and building of ditches in loess areas. Chang Tsung-hu. Trudy MGRI 38:121-128 '60

DIURETICS AND DIURESIS

Clinical use of the diuretics chlorothiazide and hypothiazide. V.I. Masliuk, I.V. Khammamedova. Terapiarkh. 33 no. 4:80-86 '61.

Experimental data on the effect of aurantin on the peripheral blood, cardiovascular system, and diuresis [with summary in English]. A. P. Belova and others. Antibiotiki 5 no. 2;44-50 Mr-Ap '60.

DIVERGENT SERIES see Series, Divergent

DIVING, SUBMARINE see subdivision under France

DIVISION OF LABOR
(see also subdivision under Communist Countries)

With a thought on the future ("Communism, labor, and man" by D. Kaidalov. Reviewed by A. Belinova). Moskva 5 no. 4-179-181 '61.

DIVIZIYA—HEALTH EDUCATION

Collective farm university of health A P. Varshavskii Sov zdrav. 20 no 2 58-59 '61

DMITROV DISTRICT—SOCIAL GROUP WORK

The common cause and joint efforts. G. Pantiushenko. Sov. deput. trud. no. 6:55-58 Je '61.

DMYTERKO, LIUBOMYR, 1911-

"The field where poplars grow" by Liubomyr Dmyterko. Reviewed by V. Kolesnyk. Ukraina no. 10 30 My '61.

DNEPRODZERZHINSK—AMATEUR ART ACTIVITIES

How our amateur ensemble finds its repertoire. K.IU. Vasylenko. Nar.tvorch.ta etn. 5 no 1 118-125 Ja-F '61.

DNEPRODZERZHINSK—AMATEUR THEATRICALS

Members of the Lopatets'kyi family take part in amateur theatricals. V. Bielialev. Ukraina no. 10;7 My '61.

DNEPRODZERZHINSK—SMELTING

Smelting controlled by machine. Metallurg 6 no. 6:19 Je '61.

DNEPRODZERZHINSK—STEEL INDUSTRY

Changes in the professional composition of workers in ferrous metallurgy. N. Krivosheeva. Biul. nauch. inform.: trud i zar. plata 4 no. 5 18-20 '61.

DNEPROPETROVSK—AGGREGATES (BUILDING MATERIALS)

Cascade method of producing slag pumice. G. V. Pukhal'skii, IU. E. Lepin, L K Zazharskii. Stroi. mat. 7 no. 4-13-14 Ap '61.

DNEPROPETROVSK—COMMUNIST YOUTH LEAGUE

Wrong decision. V. Protsenko. Part zhizn' no. 13-59 Jl '61

DNEPROPETROVSK—INDUSTRIES—HISTORY

Studying the history of industrial enterprises. D. I. Rumiantseva. Ukr ist. zhur 5 no 3 99-101 My-Je '61.

DNEPROPETROVSK—LANGUAGES—AUDIO-VISUAL AIDS

Laboratory of technical aids. M.A. Bagrova. Sred. spets. obr. 9 no. 5:29-31 My '61.

DNEPROPETROVSK—REFUSE AND REFUSE DISPOSAL

Sanitary supervision of planned sanitary waste disposal in Dnepropetrovsk. V.I. Petrov. Gig. i san. 25 no. 7. 46-50 Jl '60.

DNEPROPETROVSK—TIRES, RUBBER

Structural characteristics of certain types of equipment at the Dnepropetrovsk Tire Factory. I. IA. Dashevskii, A. G. Chervonenko. Kauch. i rez. 20 no. 1 28-33 Ap '61.

DNEPROPETROVSK PROVINCE—COMMUNIST EDUCATION

In close contact with life. S. Khvostenko. Komm. Ukr. 36 no. 6:34-42 Je '61.

DNEPROPETROVSK PROVINCE—STATE FARMS—AUDITING AND INSPECTION

Control over the safety of public funds. N. I. Liutin. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 6:47-49 Je '61.

DNIEPER-DONETS LOWLAND—GEOLOGY, STRATIGRAPHIC

Age of the upper part of the Jurassic section of the Dnieper-Donets Lowland and the northwestern outskirts of the Donets folded structure. B. P. Sterlik. Dokl. AN SSSR 136 no. 5:1197-1200 F '61.

DNIEPER-DONETS LOWLAND—LIMESTONE

Jurassic chamosite limestones in the southeastern Dnieper-Donets Lowland. T. O. Tkachenko. Geol. zhur. 20 no. 1:27-35 '60.

DNIEPER-DONETS LOWLAND—OIL WELL DRILLING

Production casing has been lowered to a depth of 2564 m. V. P. Dverii, N. Kh. Titarenko. Neftianik 6 no. 5.7-9 My '61.

DNIEPER HYDROELECTRIC POWER STATION

Its majesty electricity A. IAkovlev Ukraina no. 9:4 Ap '60.

Those who saved the Dnieper Hydroelectric Power Station. S. V. Hryn'ko. Ukr. ist. zhur. 5 no. 3:130 My-Je '61.

DNIEPER VALLEY—AFFORESTATION

Lower-Dnieper Research Station on the Afforestation of Sands. Biul. nauch. -tekh. inform. UkrNIILKhA no. 5: 99-108 '58.

DNIEPER VALLEY—GEOLOGY, STRATIGRAPHIC

New data on the stratigraphy and history of the formation of the Ukrainian Crystalline Shield. IU.Ir. Polovinkina. Biul.VSEGEI no.1 81-91 '58.

DNIEPER VALLEY—HYDROLOGY

Summer and fall streamflow forecasts in the basin of the Dnieper River T.T.Makarova Trudy TSIP no 99 106-123 '61.

DNIEPER VALLEY—WORLD WAR, 1939-1941

The mass heroism of Soviet soldiers in the battle on the Dnieper, 1943 O V Moiseiev. Ukr ist zhur 5 no 3:81-90 My-Je '61

DNIEPER VALLEY—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

A guerrilla raid into the western Dnieper Valley Z A Bogatyr' Ist SSSR 5 no 2 26-47 Mr-Ap '61

DNIESTER VALLEY—SALINE AND ALKALI SOILS

Salt accumulation in soils of the Dniester River floodlands and principles of their zoning [with summary in English], L.G. Pekatoros. Pochvovedenie no.5 13-20 My '61.

DOBRINKA DISTRICT—FARM PRODUCE

Lack of coordination in the documentation for the receipt of goods. N.A. Vasil'ev. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 6 25 Je '61.

DOBROLIUBOV, NIKOLAI ALEKSANDROVICH, 1836-1861

N A Dobroliubov Nar asv no 1 94 Ja '61

N A. Dobroliubov's views on education I Rydanova Nar. asv no 2:14-16 F '61

Nikolai Aleksandr Dobroliubov. V mire knig 1 no.2 32 F '61.

DOBROLIUBOV, NIKOLAI ALEKSANDROVICH, 1836-1861—BIBLIOGRAPHY see Bibliography—Dobroliubov, Nikolai Aleksandrovich, 1836-1861

DOBRUDJA—JOURNALISM

Dobrudja is on its way. Petru Vintilea. Sov. pech. no.6 58-59 Je '61.

DOBRYNIN, NIKOLAI FEDOROVICH, 1890-

N.F. Dobrynin, on his 70th birthday. Vop psikhol. 6 no.3 134-135 My-Je '60.

DOCTORS see Physicians

DOCUMENTARY EVIDENCE see Evidence, Documentary

DODASHVILI, SOLOMON IVANOVICH, 1805-1836

S. Dodashvili's psychological views. A.S. Prangishvili Vop. psikhol. 6 no. 3:127-133 My-Je '60

DOG ROSE

For more extensive use of dog rose in shelterbelt afforestation. Les. khoz. 14 no. 6:34 Je '61.

DOGS

Dog which nurses kittens. B. P. Vysotskii. Priroda 50 no. 6:116 Je '61.

DOLGO-SABUROV, BORIS ALEKSEEVICH, 1900-1960

Life and creative activities of Boris Alekseevich Dolgo-Saburov. I. D Lev Arkh anat. gist i embr. 40 no 4 3-19 Ap '61

DOLINSKAYA DISTRICT—ARBORETUMS

"Veselye Bokovenki" Dendrological Park. Biul. nauch.-tekh. inform. UkrNIILKhA no. 5:115-119 '58.

DOLMENS see subdivision under Abkhazia

DOLOMITE see subdivision under Parkent region

DOMES (GEOLOGY) see subdivision under Russian Platform; West Siberian Plain

DON RIVER—FISHES

Changes in the fish species of the upper Don due to hydraulic constructions. A V. Fedorov. Nauch. dokl vys. shkoly; biol. nauki no. 2:44-47 '61.

DON RIVER—FLOODS

Winter floods in the upper course of the Don River. Z.M. Maknover, M.I. Smirnova. Trudy TSIP no. 100:92-101 '60.

DON VALLEY—ECONOMIC CONDITIONS

Studying the socioeconomic premises of the Great October Socialist Revolution in the Don Valley and the Northern Caucasus. Ist. SSSR 5 no. 2:231-233 Mr-Ap '61.

DON VALLEY—GLACIAL EPOCH

Permafrost traces of the glacial period in the upper Don Basin. A.S. Riabchenkov. Vop. gidrogeol. i inzh. geol. no. 18:146-153 '59.

DON VALLEY—STRIKES AND LOCKOUTS

Labor movement in the Don Valley from 1910 to 1914. V S. Panchenko. Ist. SSSR 5 no 2 149-154 Mr-Ap '61.

DON-VOLGA CANAL see Volga-Don Canal

DONETS BASIN—CHLOROPHAEITE

Chlorophaeite from basalt rocks of the Donets Basin. B.I. Ioroshnykov. Geol. zhur 20 no 1 94-100 '60.

DONETS BASIN—COAL GEOLOGY

Yield of volatile substances as an indicator of the metamorphic stage of coals P'ang Hsiu-i Trudy MGRI 33 107-117 '60

DONETS BASIN—COAL MINES AND MINING

Conference of the staff of the technical information section of Luganskugol' Combine. A. Subbotin. Ugol' Ukr. 5 no. 5:47-48 My '61

Effect of basic mining engineering factors on the technical and economic indices of mine section operations in the central Donets Basin IA.L Nekrasovskii, I.E. Anishchenko, A.V. Savost'ianov. Ugol' 36 no 3 31-35 Mr '61

Narrow-draw cutting in the mines of the Soviet Union (Donets Basin). IU. F. Vasiuchkov, A. F. Bobylev. Nauch. rab. stud. GNSO MGI no. 7 41-46 '59.

Rapid drifting in Lugansk mines. Ugol' Ukr. 5 no. 5:26 My '61.

Underground "runners." Ukraina no 8:20 Ap '60

Visiting our counterparts in the Donets Basin V. Shneider. NTO 2 no. 5:40 My '60

Vetting coal in the block in the mines of Rutchenkovugol' trust. A. I. Ivanov. Ugol' Ukr. 5 no. 5:37-39 My '61

DONETS BASIN—COAL MINES AND MINING—LABOR PRODUCTIVITY

Miners of the "Chelliuskintsy" Mine No.1 fight to fulfill the instructions of the 21st Congress of the CPSU K.IA Ovchinov Ugol' 36 no.3 41-43 Mr '61.

Mining 704 meters of drift per month with the PK-3 cutter-loader. I. V. Demchenko, I. V. Plakhotniuk, N. M. Lozovoi. Ugol' Ukr. 5 no. 5:29 My '61.

Mining 709 meters of drift per month. V. I. Dan'kov. Ugol' Ukr. 5 no. 5:26-28 My '61.

Mining 709 meters of drift per month. A. I. Lager' Ugol' 36 no. 5:10-12 My '61.

DONETS BASIN—COAL MINES AND MINING—STATISTICS

On the interrelationship of the economics of extracting, preparing and utilizing coal. A. N. Shishkov. Nauch. zap. Len. fin.-ekon. inst. no. 19:135-141 '59.

DONETS BASIN—GEOLOGY, STRATIGRAPHIC

Age of the upper part of the Jurassic section of the Dnieper-Donets lowland and the northwestern outskirts of the Donets folded structure N P Sterlik Dokl. AN SSSR 136 no. 5:1197-1200 F '61

Stratigraphic correlation of lower Carboniferous sediments in the western Donets Basin based on spore and pollen complexes. V. K. Teteriuk. Geol. zhur. 20 no 1:36-46 '60.

DONETS BASIN—GUIDEBOOKS

Al'ter, S. Z. [Donets Basin; tourist's guide] Donbass; sputnik turista. [Stalino] Knizhnoe izd-vo Stalino-Donbass, 1960. 250 p.

DONETS BASIN—HISTORY

We should require more from historical studies ("V. I. Lenin and the proletariat of the Donets Basin" by N Emchenko Reviewed by T M. Kolisher) Ukr ist zhur 4 no 2 169-171 Mr-Ap '60

DONETS BASIN—MINE FILLING

Experiment in hydraulic gob filling. T. D. Basishvili, P F. Skripka, G. N. IAtsyshen. Ugol' 36 no. 5:31-33 My '61.

DONETS BASIN—MINE RAILROADS—CARS

Use of drop-bottom mine cars. P. S. Shakhtar'. Ugol' 36 no. 4:35-36 Ap '61.

DONETS BASIN—MINE TIMBERING

Research on rock pressure in vertical shafts in sloping seam beds in the Donets Basin. G. A. Krupennikov. Shakht. stroi. 5 no. 4:10-17 Ap '61.

DONETS BASIN—MINE VENTILATION

Excursion into the near future. Znan. ta pratsia no. 4 17 Ap '61.

DONETS BASIN—MINING ENGINEERING

In the brigade of Mikhailo Telytchenko. O. Balakirov. Znan. ta pratsia no. 2:10 F '61

DONETS BASIN—PALEOBOTANY, STRATIGRAPHIC

Boundary between the Carboniferous and Permian systems in the Donets Basin, based on fossil flora. O. K. Shcheholiv. Geol. zhur. 20 no. 1:47-57 '60.

DONETS VALLEY—WATER—POLLUTION

Amount of heavy metals in the Kazennyy Torets and Northern Donets during irrigation periods N G. Fesenko, L. T. Klimov. Gig. i san. 25 no 3:104-105 Mr '60.

DONSKOYE BELGOR'YE—BOTANY—ECOLOGY

Donskoye Belgorye as a new region of the "lowered Alps" in the Central Russian Upland [with summary in English] N P Vinogradov, S V. Goltsyn, IU A. Doronin. Bot zhur 15 no 4 524-532 Ap '60

DORMANCY IN PLANTS

Effect of gibberellin on the growth of dormant shoots in the tea plant. M. A. Ali-Zade. Dokl. AN SSSR 138 no. 2 470-473 My '61

DORMITORIES

(see also subdivision under Prague)

My assignment is counselling. M. Zlatorogov. Ogonek 39 no 22 17-19 My '61

DORODNITSYN, ANATOLII ALEKSEEVICH, 1911-

Anatolii Alekseevich Dorodnitsyn, on his 50th birthday O M Belotserkovskii and others Usp mat nauk 16 no 2 189-196 Mr-Ap '61

DOROSHEVICH, MIKHAIL VASIL'EVICH, 1900-

Sixtieth birthday of Mikhail Vasil'evich Doroshevich, Honored Scientist and Technician of the White Russian S.S.R. R. M. Rondel'. Izv. vys. ucheb. zav. geod. i aerof. no. 6 149-151 '60.

DOUBLE REFRACTION see Refraction, Double

DOVZHENKO, ALEKSANDR PETROVICH, 1894-1956

Berest, Borys. [Alexandr Dovzhenko] Oleksander Dovzhenko; krytychna monografiia. New York, [1961] 126 p.

A discussion which must be continued ("Aleksandr Dovzhenko" by R. Iurenev. Reviewed by IU. Baranash). Novyi mir 36 no. 4:274-277 Ap '60.

A source of A. P. Dovzhenko's creative work. I. L. Soroka. Nar. tvorch. ta etn. 5 no. 1:80-91 Ja-F '61.

DRAG (AERODYNAMICS)

Drag of a plastic strip V V. Sokolovskii Prikl mat i mekh. 25 no 2 336-341 Mr-Ap '61

DRAINAGE

(see also subdivision under Berezniki, Tyuksu Moraine region)

Determination of effectiveness of lowering the water level near the surface. V. M. Shestakov Osn., fund. i mekh. grun. 3 no 2:20-21 '61

Level data units for vertical drainage holes. N. N Omelin. Trudy SANIIRI no. 106:43-46 '60.

Means and methods for controlling weeds in irrigation and drainage systems P. V. Donskoi Izv. AN Uz SSR no 10 103-106 '56.

Principles of establishing districts in vertical pump drainage. N. M. Reshetkina. Izv AN Uz SSR no 6 15-24 '56.

Seepage factors of water-lowering devices in the construction trenches of hydraulic structures I. N Pavlovskaia Izv. VNIIG 64.191-214 '60.

Study of the stresses of a double gallery with variable foundation rigidity O V. Novikova. Izv VNIIG 65.149-169 '60.

Using water-lowering installations with gravel-clay filters V A Rogov. Transp. stroi. 11 no 4 36-37 Ap '61

DRAINAGE—BIBLIOGRAPHY see Bibliography—Drainage

DRAKHOVSKA-SHIMANOVA, MIROSLAVA, 1919-1961

Miroslava Drakhovska-Shimanova Sakh. prom. 35 no 5 79 My '61.

DRAMA—BIBLIOGRAPHY see Bibliography—Drama

DRAMA—HISTORY AND CRITICISM

A seminar in Yalta. S. Kuznetsova. Teatr 22 no. 5:150-151 My '61.

DRANG NACH OSTEN

German expansion in the East, its history and ideological roots [with summary in English, p 173] V M Khvostov Nov i noveish. ist no 3 46-57 '61

DRAPERY

Curtains for rural clubs. H. Medianyk, L. Zhohol'. Sots. kul't. 14 no. 5:31-32 My '61.

DRAWING—INSTRUCTION

Extracurricular study of drawing. V. Vinahradau. Nar. asv no. 2:56-61 F '61.

Learn to draw. E. V. Lebedeva, T. S. Komarova. Doshk. vosp. 34 no. 5:77-78 My '61.

Should we teach drawing to children? K. L. Asmolova. Doshk. vosp. 34 no. 5:104-110 My '61.

Studying the subject drawing. V. I. Baikova. Doshk. vosp. 34 no. 5:28-30 My '61.

DRAWING (METALWORK)

Accelerating the process of drawing austenitic stainless steels. V. P. Martynov. Kuz. shtam. proizv. 3 no. 5:11-12 My '61

Design of blanks for the drawing of boxes. I. P. Obozov. Kuz. shtam. proizv. 3 no. 5:17-18 My '61.

Improving the process of "warm" drawing of wire and rod. Stal' 21 no. 6:559 Je '61.

DRAWING (METALWORK)—ELECTROMECHANICAL ANALOGIES

Using an electric model for temperature determination in the center of deformation during drawing. I. N. Nedovizii, I. M. Gel'fand, V. F. Al'ter. Stal' 21 no. 6: 567-570 Je '61.

DRAWING (METALWORK)—EQUIPMENT AND SUPPLIES

Mechanization and automation of chain-driven drawing machines. F. P. Frolov. Mashinostroitel' no. 5:14 My '60.

DRAWING INSTRUMENTS

Axonometric templets. N. A. Glukin. Izv. vys. ucheb. zav., mashinostr., no. 1 30-35 '60

DREDGING

Some characteristics of dredging operations in tailraces of hydroelectric power stations. M. Deduchenko, IU. Zommer, P. Lisovskii. Rech. transp. 19 no. 2: 36-38 F '60.

Striving for technical progress in the transportation system. A. Subbotin. Rech. transp. 19 no. 2, 33-36 F '60.

We are taking over the practices of the best. Mor. flot 21 no. 5:34 My '61.

DREDGING MACHINERY

(see also subdivision under Kiev)

Automatic device to distribute the mud mixture in the compartments of a self-propelled dredger. V. G. Khrazov. Trudy TSNIIMF 7 no. 32, 78-84 '61.

The DE-PMDS-60 dredger without moorings. V. S. Akulinin, G. P. Adamchuk, IU. I. Svishchevskii. Biul. tekh.-ekon. inform. no. 4:61-63 '61

Determination of efficient operating conditions for multiple bucket dredgers. V. N. Pesochinskii. Trudy TSNIIMF 7 no. 32:60-73 '61.

Distribution of forces in bilateral gearings on multi-bucket dredges. V. Khakhanin. Rech. transp. 20 no. 3 38 Mr '61

Investigating methods to discharge sticky mud from dredge buckets and the testing of flexible trays on the "Neva-1" dredgers. A. P. Uvarov. Trudy TSNIIMF 7 no. 32 48-59 '61.

Optimum operating conditions of diesel-electric dredgers. E. Demurova. Rech. transp. 20 no. 5:37-38 My '61.

Results of testing automatic regulation systems of suction dredges. M. Deduchenko. Rech. transp. 19 no. 3 43-44 Mr '60.

DREDGING MACHINERY—TESTING

Laboratory testing of scraper and dragget suction nozzles. N. I. Nosov. Trudy TSNIIMF 7 no. 32, 74-76 '61.

Testing a hydraulic dredge in actual operation. G. Dokukin. Rech. transp. 20 no. 3 39-40 Mr '61.

DREISER, THEODORE, 1871-1945

The stylistic role of syntax in impersonal direct speech; examples from T. Dreiser's works. N. S. Bukhtiiarova. Vop. iaz. i lit. no. 2:36-47 '60.

DRESSMAKING—PATTERN DESIGN

Making patterns for the manufacture of pullovers (from J. Wirkerei- and Strickerei-Technik," no. 3, 1959). Tekst. prom. 20 no. 3:86-88 Mr '60.

Patternmaking for mass produced clothing. G. L. Trukhan. Izv. vys. ucheb. zav., tekh. leg. prom. no. 2: 79-89 '61.

DRESSMAKING MATERIALS

A customer chooses a fabric. N. Okuneva. Sov. potreb. koop. 5 no. 5:58-59 My '61.

DRIFTING ICE STATIONS see subdivision under Arctic regions

DRILLING AND BORING

Eremeeva, N. M. [Machining holes in gray-iron parts; means for reducing basic machining time and improving the quality of holes in drilling, counterboring and reaming gray iron] Obrabotka otverstii v detalinkh iz serogo chuguna; puti snizhenila osnovnogo tekhnologicheskogo vremeni i uluchshenila kachestva otverstii pri sverlenii, zenkerovanii i razvertyvanii serogo chuguna. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 126 p.

Geometric parameters of hard-alloy drills and their relation to metal deformation in the cutting area and the strength of drills. P. G. Alekseev. Izv. vys. ucheb. zav.; mashinostr. no. 1:101-108 '60.

DRILLING AND BORING—SAFETY MEASURES

Devices for preventing the breaking of drills in deep drilling. V. I. Shekhter. Stan. i instr. 31 no. 6:35-36 My '60.

DRILLING AND BORING MACHINERY

[Counterbores and counterboring] Zenkery i zenkovki. Moskva, Standartgiz, 1960. 61 p. (SSSR. Normali mashinostroeniia)

Effect of the adjustment of open-side jig boring machines on their rigidity. V. V. Kaminskaia, F. A. Frantsusov. Stan. i instr. 31 no. 5:24-26 My '60

New means of producing hollow drills. Transp. stroi lt no. 4-53 Ap '61.

Special automatic machines for drilling and counterboring holes. S. N. Averianov, I. F. Shapovalov. Stan. i instr. 32 no. 5:19-20 My '61.

DRINKING AND TRAFFIC ACCIDENTS

Alcohol means accident. E. Sokolov. Avt. transp. 39 no. 4:43-44 Ap '61.

DROPPING MERCURY ELECTRODES see Electrodes, Dropping mercury

DROPSY, ABDOMINAL see Ascites

DRUG INDUSTRY

Possibility of using nonpyroforic catalysts in the production of chemical and pharmaceutical preparations. A. M. Grigorovskii and others. Med. prom. 15 no. 3:32-35 Mr '61.

DRUGS

Antiviral preparation interferon [with summary in English]. Z. V. Ermol'eva and others. Antibiotiki 6 no. 3 196-200 Mr '61.

Czechoslovak drugs. Farmatsev. zhur. 15 no. 1:74-80 '60.

Medicinal preparations based on polymers. M. F. Shostakovskii, F. P. Sidel'kovskaia. Med. prom. 15 no. 3 6-13 Mr '61.

DRUGS—PHYSIOLOGICAL EFFECT

Resistance and tolerance in relation to certain pharmacological substances at different age periods. V. D. Rozanova. Usp. sovr. biol. 19 no. 1 86-103 Ja-F '60.

Side effects of chemicals used in clinical practice and problems of effective therapy. A. F. Blibis. Vest. AMN SSSR 15 no. 1 49-57 '60

DRUGS—PRESERVATION

Order in the preservation of drugs. E. F. Rakovskii. Med. sestra 20 no. 4:51-52 Ap '01.

Proper storage of drugs in therapeutic institutions. Z. G. Gurvich. Med. sestra 20 no. 4:50-51 Ap '61.

DRUGS—TOXICOLOGY

Some drug-induced diseases of the liver. D. A. Shelepin, Fel'd, i akush. 25 no. 4:50-51 Ap '60.

DRUGSTORES

(see also subdivision under Lugansk Province; Stalino Province; Ukraine; Vinnitsa)

Increasing the productivity of workers in drugstores. H. P. Pivnenko and others. Farmatsev. zhur. 15 no. 1:37-42 '60.

DRUGSTORES—ACCOUNTING

Accounting for merchandise in drugstores. IU. S. Shumakov. Farmatsev. zhur. 15 no. 1:67-69 '60.

DRYING—CONGRESSES

Conference on drying in Hungary. V. D'erd'. Inzh.-fiz. zhur. 4 no. 4:141-144 Ap '61.

DRYING APPARATUS

(see also subdivision under Germany, West)

Infrared radiators for drying varnish and paint coatings (from "Revue du bois et de ses applications," no. 10, 1960). Der. prom. 10 no. 5:31 My '61.

Remodeling of the KS2-100 annular frame dryer. G. P. Shakhet, L. N. Kurlatova, V. M. Brusser. Nauch.-issl. trudy NIIMP no. 9:107-116 '59.

Use of infrared rays for drying fur skins and cut parts. E. B. Frenkel', E. G. Khmel'nitskaia. Kozh.-obuv. prom. 3 no. 1:25-29 Ja '61

Use of the NIIF-ST-4 conveyer-dryer for drying planed veneer. V. G. Tkachuk. Der. prom. 10 no. 3:27-28 Mr '61.

DRYING APPARATUS—TEXTILE FABRICS see subdivision under Great Britain

DUBNO—CANNING INDUSTRY—EQUIPMENT AND SUPPLIES

Our work experience in the mechanization of production processes. I. IA. Miroshnichenko. Kons. i ov. prom. 16 no. 5:13-15 My '61.

DUBOV, NIKOLAI

Testing quality ("Hard test" by N. Dubov. Reviewed by L. Razgon). Nar. obr. no. 5:113-114 My '61.

DUCKS see subdivision under Central Black Earth region

DUCKS—FEEDING AND FEEDS

How the use of corn-carrot silage in the feed ration of ducks affects their embryogeny and hatchability. II. S. Krok, P. P. Shcherbyna, M. IU. Pylypenko. Visnyk sil'hosp. nauky 4 no. 4:76-81 Ap '61.

DUCTUS ARTERIOSUS

Problem of the origin of Botallo's duct. N. IA. Gaikin. Arkh. anat. gist. i embr. 38 no. 4:93-100 Ap '60.

DUMPING APPLIANCES

Auxiliary cams for dumpers. N. N. Kovalev. Bezop. truda v prom. 5 no. 5:32 My '61.

DUNGANS

"Participation of the Dungans in the establishment Soviet rule in Semirech'ye" by I. Usupov. Revi by K. L. Malyshev, K. G. Shchegolev. Ist. SSSR 5 161 My-Je '61

DUODENUM

Electron microscope study of the plastic process intestinal epithelium of various mammals [with mary in English] N. M. Shestopalova and othe Arkh. anat. gist. i embr. 38 no. 3 31-41 Mr '60

Electrophysiological registration of the motor acti the duodenum following stimulation by qualitative different food [with summary in English]. A. P. Biul. eksp. biol. i med. 51 no. 1 22-26 Ja '61.

DUODENUM—ABNORMITIES AND DEFORMITIES

Anomalous development of the duodenum. L. I. Pe levich. Zdrav. Belor. 6 no. 4:65-66 Ap '60.

DUODENUM—INNERVATION

Changes in the blood system in connection with den tion of the duodenum [with summary in English]. Durbiian. Biul. eksp. biol. i med. 50 no. 10:53-5

Reactions of Dogel's neurons of the 2d type in Auer plexus of the duodenum following vagotomy [with mary in English] L. I. Dvoeeva. Arkh. anat. gis embr. 40 no. 3:16-21 Mr '61

Sensory innervation of the duodenum [with summar English]. T. A. Batyreva. Arkh. anat. gist. i emb no. 3:27-30 Mr '61

DUODENUM—ULCERS

Case of perforating ulcer of the duodenum located site of the transition of its vertical section to the horizontal. S. M. Ianovskii, K. L. Latypov. Med. Uzb. no. 4:51 Ap '61.

DURA MATER

Nerve cells of the dura mater. O. N. Baishtruk. anat. gist. i embr. 39 no. 11 91-96 N '60

Reflexes from the interoceptors of the sigmoid sinus the dura mater [with summary in English]. G. M. kov. Zhur. ush., nos. i grol. bol. 20 no. 1:56-64 '60.

DURA MATER—BLOOD SUPPLY

Morphology of angioreceptors of the dura mater [w summary in English]. V. V. Anisimova-Aleksand Arkh. anat. gist. i embr. 39 no. 11 80-83 N '60

Receptors of venous sinuses of the dura mater in [with summary in English] V. V. Egorova. Arkh gist. i embr. 39 no. 11 83-87 N '60

DURMISHIAN, MUSHEG GRIGOR'EVICH, d. 1961

In memory of Professor M. G. Durmishian, obituar Pat. fiziol. i eksp. terap. 5 no. 2:90 Mr-Ap '61.

DURRELL, LAWRENCE, 1912-

A "four-deck ship" in stagnant waters ("Alexandri Quartet 'Justine', 'Balthazar', 'Mountolive', 'C [in English] by Lawrence Durrell. Reviewed by dova). Inostr. lit. no. 4 266-268 Ap '61

DUST—PREVENTION

Decreasing waste in production. A. D. Kaminskii. TSement 27 no. 2:5-6 Mr-Ap '61.

Let's pay more attention to the elimination of dust dustrial processes. TSement 27 no. 2:1-3 Mr-A

DUST—REMOVAL

Choosing the shape of a rotary kiln with regard to t problem of dust disposal. S. I. Khvostenkov. Nauc sooh. NIITSementa no. 7:25-30 '60.

Operation of the cement works of an aluminum fac V. N. Chulanov, P. M. Stashenko, A. R. Tager. T 27 no. 2:6-10 Mr-Ap '61.

Problems of dust elimination. I. N. Kholin, F. G. TSement 27 no. 2 1-6 Mr-Ap '61.

Research to find efficient means of ridding the air floating dust. V. I. Uskov. Trudy Inst. gor. dela 113-119 '60.

DUST COLLECTORS

Automatic control of an electric filter. L. A. Matie G. V. Zakharov. Tsement 27 no. 2 14-16 Mr-Ap

Construction materials factories need new dust colle tion equipment. F. G. Banit, I. I. Kholin. Stroi. mat no. 4:1-6 Ap '61.

Gordon, G. M., and I. L. Polsakhov. [Control of du collecting equipment, dust and gas measurements Kontrol' pylеulavlivaiushchikh ustanovok, pylegaz zamery. Izd. 2., perer. i dop. Moskva, Gos. nau tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallur 1961. 308 p.

Lover-type dust collectors for gas purification. V Kanfer, M. S. Shiklar. Metallurg 6 no. 3:12-13 '61.

Lint control on circular knitting machines. S. Kh. S L. I. Sotov'ev. Tekst. prom. 20 no. 3:53-56 Mr

New cyclone for the filtration of dusty air or gases A. V. Kalmykov. Ugol' 36 no. 4:47-48 Ap '61.

Operational efficiency of a Soviet electric filter. Saverchenko, V. M. Gavrikov. TSement 27 no 13-14 Mr-Ap '61.

T COLLECTORS (Continued)
tling tank with mechanical sediment removal. G. P. olob'ev. Ogneupory 26 no. 4:193-194 '61.
uo features of using rotary kiln dust caught by electric lters. K. G. Kolenova Nauch. soob. NIITSementa no 7-10 '60.

T STORMS
see also subdivision under Iran)
ust storms and their control O. I. Kolosha, I. H. Shmat'-ko Visnyk sil'hosp nauky 4 no 1 108-109 Ap '61
stablishing green shelterbelts along the course of sirocco-like winds and dust storms. A. D. Gromadchen-ko. Les. khoz. 14 no. 6:42 Je '61.

ORAK, ANTONIN, 1841-1904
antata by Dvorak B. Lintokhin Sov muz. 25 no 5 135 My '61.
The piano works of A Dvorak" by M. Smirnov Reviewed by Igor' Belza. Sov. muz 25 no 5:138 My '61

SLLINGS
odel plans for standard dwellings Biul stroi tekh 18 no 5 14-16 My '61

S AND DYEING
ictoria killers. E. Belen'kii. Nauka i zhizn' 28 no. 4: 79-80 Ap '61.
udying the structure of metal-containing complexes of nitroso- and azo dyes produced directly on protein and polyamide fibers. Report No. 1: Study of the interaction of chromo salts with wool keratins. P. I. Mikhailenko. Izv. vys. ucheb. zav., tekh. teks. prom. no. 2. 104-114 '61.
ithetic dyes. A. Filippov. Nauka i zhizn' 27 no. 1:77-8 Ap '60.
nthetic dyes Part 22 Styryl dyes from the derivatives of N-arylquinaldinium salts G. T. Pilyugin, I. N. Chernyuk Zhur. ob. khim. 31 no. 5 1585-1587 My '61

S AND DYEING—KNIT GOODS
plication of ultrasonic waves in knit goods manufacturing. IA. Kh. Shtivel'man. Tekst. prom. 20 no. 3:71-72 r '60.

S AND DYEING—LEATHER
xting leather for uppers with nitro dye solutions at igh temperatures. M. N. Demin and others. Kozh.-obuv. prom. 3 no. 4:13-15 Ap '61.
oring and finishing of leather. V. I. Eliseeva, L. V. Gur'mina, T. A. Larkina Nauch.-issl. trudy TSNIKP no. 30:91-100 '59.

S AND DYEING—PLASTICS
bloring of polyethylene products. S. Kh. Pilner. Plast. massy no. 6:44-46 '61.

AMICS OF A PARTICLE
ovement of a free solid particle in a turbulent liquid low. N. I. Gramat. Izv. VNIIG 65:63-75 '60.

AMOMETER
valuating the accuracy of dynamographs by using calibration equipment. P. M. Makarov. Trudy MIMESKH 5:365-377 '59.
stantaneous value of torque in AT-100-2 looms. IU. A. Pivovarov, IU. A. Shamshurin. Izv. vys. ucheb. zav.; tekh. teks. prom. no. 2:124-127 '61.
rain-measuring dynamometer. L. G. Elkin. Izm. tekh. no. 6:21-22 Je '61.

AMOS see Electric generators

ENTERY
apacity for sensitization of the parenchymatous organs of ittens and white mice infected with the causative agent of ysentery and with streptococci [with summary in English]. M. V. Zemskov. Biul. eksp. biol. i med. 50 no. 10: 92-97 O '60.
rriage of dysenterial bacilli by children. T. V. Burova nd others. Pediatriia no. 5:70-75 '61.
mpound treatment of dysentery, late results in the eatment of dysentery. A. I. Kolobkova. Lech. nfekts. bol'. no. 3:99-110 '57.
ia on superinfection in dysentery in young children eport No. 1: On the frequency of replacement of the thogen in dysentery in children. V. N. Chernova. ediatriia no. 5:75-79 '61.
mography in dysentery in children as an index of ctional conditions of cutaneous vessels. O. N. Alekeva. Pediatriia no. 5:64-70 '61.
rmination of the degree of sensitivity of dysentery cteria and problems in effective treatment. A. A. ilov. Lech. infekts. bol'. no. 4:33-38 '60.
rmination of the threshold of stimulation of the skin ceptors by dysentery and typhoid antigens [with summary in English]. A. N. Gordienko and others. Biul. eksp. iol. i med. 49 no. 3:76-80 Mr '60.
ferential diagnosis and compound treatment of chronic ysentery aggravated by lambliasis. A. S. Bogdanova. ech. infekts. bol'. no. 3:111-119 '57.
entery in children. G. L. Fabrikant. Doshk. vosp. 34 . 5:91-95 My '61.

Effect of experimental dysentery intoxication on urea formation in rats [with summary in English]. R. P. Portnova, Biul. eksp. biol. i med. 49 no. 3:39-41 Mr '60.

Effect of levomycetin on the carbohydrate metabolism in endotoxin poisoning [with summary in English] V. A. Liashenko Antibiotiki 6 no 2:135-138 F '61

Effect of the functional state of the nervous system on the therapeutic effect of synthomycin on dysentery in mice [with summary in English] S. D. Voropaeva, M. A. Frolova Pat. fiziol. i eksp. terap. 4 no. 2 44-47 Mr-Ap '60

Furacilin(F_6) in treating dysentery. A. I. Kolobkova, G. V. Kravchenko. Lech. infekts. bol'. no. 3 120-125 '57

Immunity in dysentery. N. V. Voronyntseva. Pediatriia no. 5 53-57 '61.

Materials on a study of peculiarities of the clinical aspects and some biochemical indexes of dysentery in elderly patients. G. E. Latsinik. Lech. infekts. bol'. no. 4:306-316 '60.

Peculiarities and clinical course of modern dysentery and methods for treating it in adult patients. G. P. Rudnev. Lech. infekts. bol'. no. 4 14-22 '60.

Relationship between vitamin B_1 metabolism and cholinesterase activity in dysentery in children. V. P. Zhigalov. Pediatriia no. 5 58-61 '61.

Some clinical and immunological indices in young children following dysentery. E. M. Vitebskii. Pediatriia no. 5 61-64 '61.

Terramycin in the treatment of dysentery. A. I. Kolobkova. Lech. infekts. bol'. no. 4:39-40 '60.

Tetracyclines and the factor of sensitivity in the treatment of dysentery. A. I. Kolobkova. Lech. infekts. bol'. no. 4, 23-32 '60.

Two cases of inflammatory tumor of the large intestine caused by amebic dysentery S. M. IAnovskii, B. P. Gens, P. R. Varlamova Med. zhur. Uzb no. 3 76 Mr '61

Use of a combination of levomycetin and bacteriophage in dysenterial infection in children [with summary in English] O. I. Shevlakova, R. Z. Sherman, S. D. Tatarinova. Antibiotiki 6 no. 3:241-243 Mr '61

Water-borne toxicoinfection of dysentery etiology. M. G. Kolomiitseva, L. L. Nagnibeda Gig. i san. 25 no. 3 102-104 Mr '60

Working experience in a ward for convalescents following acute dysentery. S. L. Shapiro, R. V. Gol'dberg. Sov. zdrav. 20 no. 5 29-32 '61.

DYSENTERY—MICROBIOLOGY
Technic of mass investigations of the transmission of dysentery and typhoid and paratyphoid infections. V. I. Vdovyka. Fel'd. i akush. 25 no. 4:52-54 Ap '60.

DYSPEPSIA
Treatment of simple dyspepsia with streptomycin. I. Muradov. Fel'd. i akush. 26 no. 5:49 My '61.

DZEGUZE, LIZA
Works of sculpture by L. Dzeguze. G. Karklin'. Iskusstvo 24 no 5:30-32 '61.

DZERZHINSK DISTRICT (MINSK PROVINCE)—WOMEN AS FARMERS
Heroic work. M. Zamski. Rab. i sial. 36 no. 4:14 Ap '60.

DZERZHINSKII, IVAN IVANOVICH, 1909-
In music. Ivan Dzerzhinskii. Novyi mir 36 no. 5: 221-224 My '60.

DZHABARLY, DZHAFAR, 1899-1934
Dialogues and rejoinders in Dzh. Dzhabarly's play "In the year 1905" [in Azerbaijani with summary in Russian]. N. K. Abasova. Trudy API 7:36-48 '59.

DZHAN, MALANG, 1916 or 1919-
Malang Dzhan, national poet of Afghanistan. N. A. Dvoriankov. Krat. soob. Inst. vost. no. 37:69-75 '60.

DZHANGIL'DIN, ALIBEI TOGZHANOVICH, 1884-
Following the objectives proposed by the great leader, T. Shoinbaev. Part. zhizn' Kazakh. 30 no. 4:50-53 Ap '60.

DZHETY-SU see Semirech'ye

DZHEZDY REGION—MANGANESE ORES
Full use of Dzhezdy manganese ore. A. F. Litviniuk. Gor. zhur. no. 3:9-11 Mr '60

DZHEZKAZGAN—COPPER MINES AND MINING
Desintegration of pillars in mines of Dzhezkazgan. M. G. Pantoleev. Bezop. truda v prom. 4 no. 5:10-12 My '60.

DZHEZKAZGAN—STOPING (MINING)
Comment on the article by O. A. Baikonurov and A. F. Kovrigo on "Ways of reducing labor consuming tasks in stoping at the Dzhezkazgan Mine." L. A. Paporotskii and others. Gor. zhur. no. 3:77 Mr '60.

DZHEZKAZGAN DISTRICT—MINES AND MINERAL RESOURCES
The Dzhezkazgan industrial region and prospects for its development. N. Antonenko. Nar. khoz. Kazakh. 19 no. 5:73-83 My '61.

DZHEZKAZGAN DISTRICT—MINING ENGINEERING
Means for controlling the losses of ores and improving the exploitation of the Dzhezkazgan deposit. K. Sh. Utepov. Razved. i okh. nedr 27 no. 3:31-34 Mr '61.

DZHEZKAZGAN DISTRICT—OSTRACODA, FOSSIL
Ostracods of the lower Permian in the Dzhezkazgan depression in central Kazakhstan Z. D. Belousova Izv. vys. ucheb. zav., geol. i razv. 3 no. 12 15-28 D '60

DZHEZKAZGAN REGION—MINING MACHINERY
Experimental use of trackless, self-propelled machinery in the Szhezkazgan Mine V. Sh. Sharipov, S. S. Muzgin Gor. zhur. no. 3:41-44 Mr '60

DZHIZAK DISTRICT—COTTON GROWING
In winter days. A. Maikhanta. Uzbekiston 19 no. 1:6-7 Ja '60.

DZIMISTARISHVILI, ANTIP IVANOVICH, 1896-1961
Antip Ivanovich Dzimistarishvili. Kons. i ov. prom. 16 no. 5:47 My '61.

EAR
Electrophysiological expression of changes in the function of the auditory system in the presence of the orientation response A. M. Marinaeva Fiziol. zhur. 47 no. 5 542-550 My '61
Some peculiarities of the outer section of the auditory analyzer in penguins. V. D. Il'ichev Nauch. dok. vys. shkoly, biol. nauki no. 2 51-55 '61

EAR—ANATOMY
Experimental data on the mechanism of the auditory function of the inner ear [with summary in English]. I. L. Mazo. Zhur. ush., nos. i gorl. bol. 20 no. 1 3-11 Ja-F '60.

EAR—DISEASES
"Allergic manifestations in the middle ear" (from "Ceskoslov. otolar.," vol 5, 1956) Reviewed by E. N. Novik. Zhur. ush., nos. i gorl. bol. 20 no. 1 84 Ja-F '60
Case of melanoma of the external auditory canal. V. M. Kaplan. Zhur. ush., nos. i gorl. bol. 20 no. 1,76-77 Ja-F '60.
Dehiscence of the tympanic cavity in children [with summary in English]. N. A. IAkutkina Zhur. ush., nos. i gorl. bol. 20 no. 1:48-53 Ja-F '60.
Histopathology of the temporal bones and cervical sympathetic ganglia in latent otitis, mitritis, and mastoiditis in young children [with summary in English]. A. D. Gurkov. Zhur. ush., nos. i gorl. bol. 20 no. 1,43-47 Ja-F '60.
Intracranial complications in mesotympanitis (from "Ful, —ori—gége Gyógyászat," no 3, 1958) Zhur. ush., nos. i gorl. bol. 20 no. 1 88 Ja-F '60
Otogenous sepsis as revealed by materials from an otolaryngological clinic for a decade. E. Z. Miroshnikova. Zhur. ush., nos. i gorl. bol. 20 no. 1:80 Ja-F '60.
Peculiarities of inflammation of the middle ear in infants and young children. S. I. Vul'fson. Med. sestra 20 no. 3,20-23 Mr '61.
Suppurative affection of the right temporo-occipital bone of the right middle ear caused by umbilical sepsis in a 20-day old child. IU. P. Tolstov. Vest. otorin. 22 no. 1:83-84 Ja-F '60.
Surgical treatment of a chronic adhesive process (from "Ceskoslov. otolar.," 8, no 4, 1959) Zhur. ush., nos. i gorl. bol. 20 no. 1 89 Ja-F '60.

EAR—RADIOGRAPHY
"Contrast radiography in chronic diseases of the middle ear" (from "Casopis lekaru ceskych," no. 39, 1956) Reviewed by E. N. Novik Zhur. ush., nos. i gorl. bol. 20 no. 1 84 Ja-F '60

EAR—SURGERY
Fenestration of the labyrinth and operations on the stapes in the light of experimental data [with summary in English]. G. M. Komarovich. Zhur. ush., nos. i gorl. bol. 20 no. 1:11-16 Ja-F '60.
Method and technic for surgery on the stapes in otosclerosis. A. I. Kolomiichenko, V. A. Gukovich, I. A. IAshan. Zhur. ush., nos. i gorl. bol. 20 no. 1:17-31 Ja-F '60.
Plastic surgery on the tympanum [with summary in English]. A. I. Shutov. Zhur. ush., nos. i gorl. bol. 20 no. 1 53-55 Ja-F '60.

EAR—TRANSPLANTATION
Free transplantation of part of the concha auriculae in defects of the cartilaginous part of the nose. M. V. Kostyley. Stomatologiia 40 no. 2,45-50 Mr-Ap '61.

EARTH
Basic features of the development of the Earth. A. A. Khlobustov. Uzb. geol. zhur. no. 2 3-14 '61
Engrossing book ("The Earth and earthquakes" by A. A. Ali-zade. Reviewed by A. D. Sultanov, S. G. Salaev). Azerb. neft. khoz. 40 no. 3:48 Mr '61.
Lichkov, B. L. [Natural waters of the earth and the lithosphere] Prirodnye vody Zemli i litosfera. Moskva, Izd-vo Akad. nauk SSSR, 1960. 163 p. (Geograficheskoe obshchestvo SSSR. Zapiski. Novaia seriia, vol. 19)

EARTH—FIGURE
Determining a standard terrestrial ellipsoid [with summary in English]. S. V. Gromov. Vest. LGU 16 no. 7. 136-141 '61.
"Earth surveyer in the skies" by E. Saparina. Nauka i zhizn' 27 no. 4:76 Ap '60.

EARTH—INTERNAL STRUCTURE

Magnitskii, V. A. [Internal structure of the earth] Vnutrennee stroenie Zemli. Moskva, Izd-vo "Znanie," 1961. 38 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 12, Geologiia i geografiia, no. 7)
[MICROFILM]

Upper mantle project. V. A. Magnitskii. Priroda 50 no. 6 46-47 Je '61.

EARTH—SURFACE

Determination of the thickness of the earth's crust based on observations on waves reflected from its base and the depth of the foci of aftershocks of the Central Baikal earthquake, August 29, 1959. S. I. Golenetskii Geol i geofiz no. 2 111-116 '61

Structure of the earth's crust in the Arctic. S. F. Oborina. Izv. AN SSSR. Ser. geofiz. no 6:818-821 Je '61.

EARTH—SURFACE—CONGRESSES

Congress on deep seismic sounding in the earth's crust. I. A. Rezanov. Izv AN SSSR. Ser geol. 26 no. 5:119-122 My '61

EARTH CURRENTS

Radius of action of stray currents on the record of variations of the telluric field. P. A. Vinogradov Geol. i geofiz. no. 2:121-124 '61.

Some statistical characteristics of short-period Pc and Pt oscillations of the Earth's electromagnetic field, based on data obtained during the International Geophysical Year and the International Geophysical Cooperation in Irkutsk. Report No. 1 [with summary in English]. P. A. Vinogradov. Geol. i geofiz. no. 12: 100-111 '60.

Some statistical characteristics of short-period Pc and Pt oscillations of the Earth's electromagnetic field, based on data obtained during the International Geophysical Year and the International Geophysical Cooperation in Irkutsk Report No 2 [with summary in English] P. A. Vinogradov Geol. i geof no 1:98-108 '61

EARTH MOVEMENTS

Akademiia stroitel'stva i arkhitektury SSSR. Institut osnovanii i podzemnykh sooruzhenii. [Manual on geodetic methods of measuring horizontal displacement in foundations of structures] Rukovodstvo po geodezicheskim metodam izmereniia gorizontal'nykh smeshchenii v osnovaniiakh sooruzhenii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 79 p.

EARTH PRESSURE

Experimental determination of rock pressure in tunnels. G. G. Zurabov Izv VNIIG 64:67-83 '60

EARTH TEMPERATURE

Internal heat of petroleum and gas bearing areas. A. I. Khrebtov Dokl AN SSSR 136 no 5:1069-1072 F '61.

Temperature conditions at deep levels of the Zyrya-Turkyany oil field. D. G. Iskenderov Azerb neft. khoz 40 no 3 25-27 Mr '61.

EARTHMOVING MACHINERY

Construction machines at the International Exhibit in Paris. V. M. Kazarinov, V. A. Chereshnev. Mekh. stroi. 18 no. 3:26-30 Mr '61.

The giant is still being tested. A. Safronov. Izobr. i rats. no. 5 9-11 My '61.

New continuous bucket loaders. O. V. Sinov. Mekh. stroi. 18 no. 3.22 Mr '61.

New machines. Stroi. i dor. mash. 6 no. 2:30-31 F '61.

Quickly detachable connections for spoil pipes. V. S. Khablov Transp stroi 11 no 4:51-52 Ap '61

EARTHQUAKES see subdivision under Carpathian Mountains; Mongolia; Yellowstone National Park

EARTHQUAKES AND BUILDING
(see also subdivision under Tajikistan)

Building requirements for seismic stresses. V. A. Bykhovskii, I. V. Gol'denblam, I. L. Korchinskii. Stroi. mekh. i rasch. soor 3 no. 2 11-16 '61.

Using probability methods in designing structures for earthquake stresses. M. F. Barshtein Stroi. mekh. i rasch soor 2 no 2 6-14 '60

EARTHWORK

Scientific and technical cooperation of the countries of the socialist camp ("Problems in mechanizing open mining and earthwork operations"). Reviewed by Kh. L. Trotskii. Stroi. i dor. mash. 6 no. 2:35-36 F '61.

EARTHWORMS

Dipteran larvae feeding on earthworms (with summary in English). N. P. Krivosheina. Zool zhur. 40 no 5: 715-718 '61.

Excretory function of metanephridia in Lumbricidae. V. F. Vasil'eva. Fiziol. zhur 47 no 3:393-397 Mr '61.

EAST (FAR EAST) see Far East

EAST (NEAR EAST) see Near East

EAST (SOVIET FAR EAST) see Soviet Far East

EAST GERMANY see Germany, East

EAST KAZAKHSTAN PROVINCE—INDUSTRIES

Mobilize hidden potentialities of production to fulfill the seven-year plan ahead of time K Simakov. Nar khoz kazakh 19 no 5 9-15 My '61

EAST KAZAKHSTAN PROVINCE—MINE TIMBERING

Pre-cast, reinforced-concrete timbers in the mines of East Kazakhstan N S Krakhin, V N Varakvin, V I Studentsov Gor zhur no 1 70-71 Mr '60

EAST KAZAKHSTAN PROVINCE—ROCK DRILLS

Improving boring with sinker drills at the Leninogorsk Combine I M Malkin, Z B Alborov, S P Ushko Gor zhur no 3:35-36 Mr '60

EAST SIBERIAN SEA—CHAR

Systematics of chars of the genus Salvelinus (Salmonidae) from the basin of the East Siberian Sea K A Savvaitova. Nauch dokl. vys. shkoly, biol nauki no. 2:17-21 '61

EASTERN EMPIRE see Byzantine Empire

EASTERN EUROPE see Europe, Eastern

EASTERN SIBERIA see Siberia, Eastern

EBULLITION

Stationary boiling of a bulk-heated liquid. V. K. Zavoiskii. Atom. energ. 10 no. 5 521-523 My '61.

Useful advices. Nauka i zhizn' 28 no. 4:80 Ap '61.

ECHIUROIDEA see subdivision under Pacific Ocean

ECLIPSES, SOLAR

Watch the solar eclipse! L. Samsonenko Iun tekh 5 no. 1:78-79 Ja '61.

ECLIPSES, SOLAR—1961

Four minutes behind the moon's shadow. I. Shcheglov. IUn. tekh. 5 no. 5:42-44 My '61

ECOLOGY

"Ecological physiology of nervous activity" by D. A. Biriukov. Reviewed by A. D. Stonim. Zhur. ob. biol. 22 no. 2:158-160 Mr-Ap '61.

ECONOMIC ASSISTANCE

Forced admissions of an American economist ("The growth of Soviet economic power and its consequences for Canada and the United States" [in English] by F. A. Lindsay. Reviewed by IU. Kormnov) Plan khoz. 38 no. 6 91-94 Je '61

ECONOMIC ASSISTANCE, CHINESE see subdivision under Mongolia

ECONOMIC ASSISTANCE, RUSSIAN see subdivision under Asia; India, Mongolia

ECONOMIC CYCLES see Business cycles

ECONOMIC GEOLOGY see Geology, Economic

ECONOMIC HISTORY

Economic competition between two systems. O. N. Goloborod'ko. Nauka i zhyttia 11 no. 4:11-14 Ap '61.

Economic life. V zashch mire no 5 53-67 My '61.

The economics and politics of present-day imperialism [with summary in English, pp 184-185]. G. A. Deborin. Vop filos. 15 no. 5 20-33 '61

The victory of socialism in the whole world is inevitable; facts and figures. Komm Mold 6 no. 5:61-66 My '61

ECONOMIC POLICY

Solid planning and dubious forecasts. IA. Luganisov. Nov. vrem. 19 no. 25:8-10 Je '61.

V. V. Kuibyshev on socialist planning. M. P. Evseev. Uch. zap. TGU no 31 116-134 '59.

ECONOMIC RESEARCH
(see also subdivision under Moscow; Uzbekistan)

An interuniversity economic conference. Vest Mosk. un Ser. 6. Ekon., filos 15 no 1:93-94 '60.

ECONOMIC ZONING

Palamarchuk, M. M. [Rational distribution of socialist production] Ratsionalizatsiia rozmishchennia sotsialistychnoho vyrobnytstva. Kyiv, 1961. 47 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 3, no. 1)

ECONOMIC ZOOLOGY see Zoology, Economic

ECONOMICS

Akademiia nauk SSSR. Institut ekonomiki. [Problems of the political economy of socialism, 1960 issue] Problemy politicheskoi ekonomii sotsializma, vypusk 1960 g. Pod red. IA. A. Kronroda. Moskva, Gos. izd-vo polit. lit-ry, 1960. 303 p.

The basic economic law of socialism. A. Sharomov. Polit. samoobr. 5 no. 6:126-128 Je '61.

Bulatov, G. P. [The petit bourgeois economic theories in Russia, 1880-1890] Melkoburzhuaznye ekonomicheskie ucheniia v Rossii, 1880-1890 gg. Stavropol', Izd-vo gazety "Stavropol'skaia pravda," 1959. 286 p. (Stavropol. Gosudarstvennyi pedagogicheskii institut. Nauchnye trudy, no. 20)

The course of the economic competition between the two systems. Mezhdunar zhizn' 8 no 6 149-151 Je '61

Economic studies and the economic policy. S. Pervushin Kommunist 38 no. 9:20-29 Je '61.

Formation of socioeconomic concepts G. M. Ivanov Uch. zap. TGU no 31 156-177 '59

In the Institute of Economics of the Academy of Sciences of the U. S. S. R. K. Plotnikov, N. Kozlovskii Vop ekon no. 5:137-142 My '61

Internal sources for the development of socialist production I. S. Gorbunov Uch zap Komi gos. ped. inst no 7:85-106 '59

Leont'ev, L. A. [What is political economy] Chto takoe politicheskaia ekonomiia. Izd 2., perer. [Moskva] Mosk. rabochii, 1961. 101 p.

On the further development of commodity and money relations. M. Tamarchenko Den i kred. 19 no. 5 My '61

Preparing the collective work "Socialism and communism." Vop ekon no 5 154 My '61

Principal features of the law of the planned proportional development of the national economy P. I. Skorlupa Uch zap TGU no 31 93-100 '59

Rozenberg, D. I. [Commentaries to the third volume of K. Marx's "Capital"] Kommentarii k pervomu tomu "Kapitala" K. Marksa. Pod red. S. L. Vygodskogo. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 469

Russia (1923- U. S. S. R.) Upravlenie proizvodstvom obshchestvennykh nauk. [Economic problems of the transition from socialism to communism; materials the interuniversity conference in Rostov-on-Don, October, 1959] Ekonomicheskie problemy perekhoda ot sotsializma k kommunizmu; materialy mezhvuzovskoi nauchnoi konferentsii, provedennoi v g. Rostov na-Donu v oktiabre 1959 goda. Moskva, "Vysshaia shkola," 1960. 373 p.

Some characteristics of noncapitalist development. E. Panfilov. Polit. samoobr. 5 no. 6,65-68 Je '61.

Struggle of the "Liberation of labor" group against the economic views of the narodniks. P. I. Noskov. Uch zap. Komi gos. ped. inst. no. 9:23-56 '60.

ECONOMICS—BIBLIOGRAPHY see Bibliography—Economics

ECONOMICS—READERS AND SPEAKERS see Reader and speakers—Economics

ECONOMICS—STUDY AND TEACHING
(see also subdivision under Kazakhstan)

Let's have more of such textbooks ("Independent work of correspondence students studying political economy IA. I. Sterkin. Reviewed by V. V. Abramov). Sred. spets. obr. 6 no. 5 52-53 My '61.

New lecture courses at the Faculty of Economics Vest Mosk. un. Ser 6 Ekon., filos 15 no 1 96 '60

ECUMENICAL MOVEMENT

Negotiations between a delegation of the Russian Orthodox Church and the General Secretariat of the World Council of Churches Zhur Mosk. Pats no 4 32-Ap '61.

ECZEMA

Cancer of the skin of the perineum appearing after X-ray therapy for eczema. R. A. Mal'tikov. Sb. P. Ipatyn. Vop. onk. 7 no 3:87-89 '61

Cortisone and ACTH therapy for severe forms of eczema in very young and older infants. M. D. Lipets. Pediatr endok i gorm. 7 no. 2 47-51 Mr-Ap '61.

EDDY ELECTRIC CURRENTS see Electric currents, Eddy

EDGERTON, ALFRED, 1887-1959

Professor Alfred Edgerton, obituary. Zhur. fiz. khim 34 no. 4:941 Ap '60.

EDIBLE OILS AND FATS see Oils and fats, Edible

EDITING

Essential corrections and the arbitrariness of an editor A. I. Korchagin. Izv. AN SSSR. Otd. lit i iaz. 19 no. 41-45 Ja-F '60.

Rules for the editing of articles. Izv. vys. ucheb zav. tekh leg. prom. no. 1:156-157 '60.

EDUCATION
(see also subdivision under Afghanistan; Bulgaria; Cherven; China; Czechoslovakia; Germany; Great Britain; Hungary; India; Italy; Magnitogorsk; Poland; Siberia, Western; Vietnam, North; Vitebsk Province)

Advice, suggestions, and comments. Nar. obr. no 2 65-68 F '61.

Fiftieth anniversary of the protest of Moscow University against tsarist policy in the field of education. IU. A. Shilinis. Sov. zdrav. 20 no. 5:72-77 '61.

Let's thoroughly prepare the schools for the new school year. A. Polinan. Nar. obr. no. 5:16-21 My '61.

N. A. Dobroliubov's views on education. I. Rydanova. Nar. obr. no. 2:14-15 F '61.

Power of knowledge. R. Bakhtamov. Znan. sila 3 no. 5:8-9 My '61.

EDUCATION (Continued)
Struggle of the Communist Party for the establishment of universal seven-year and secondary education in the U.S.S.R. during the third five-year plan, from 1938 to 1941. P. A. Berezkina. Uch. zap. Lip. gos. ped. inst. 2 221-248 '58.
With what should you begin your self-education? M. Manezheva. V mira knig 1 no. 3 37 Mr '61.

EDUCATION—ABSTRACTS
[Pedagogy and education abroad, abstracts.] Pedagogika i narodnoe obrazovanie v zarubezhnykh stranakh, referaty nos 386-478 '60. 138 p

EDUCATION—BIBLIOGRAPHY see Bibliography—Education

EDUCATION—CONGRESSES
General meeting of the Academy of Pedagogical Sciences of the R. S. F. S. R. Sov. pedag. 25 no. 4 151-155 Ap '61

EDUCATION—PERIODICALS
Read it in the periodicals. Nar. obr. no. 5 121 My '61

EDUCATION—STATISTICS
From the history of educational statistics in Russia. I. Z. Kaganovich. Nauch. zap. Len. fin.-ekon. inst. no. 19 240-258 '59.

EDUCATION, COOPERATIVE
(see also subdivision under Grodno; Korma District; Leningrad; Moscow, Pavlodar; Tashkent; Ukraine)
Characteristics of educational work with students in connection with their participation in production work. E. N. Mokerova. Shkola i proizv. 5 no. 5 37-39 My '61
Connection between instruction and production work in student production brigades. A. M. IAs'ko. Sov. pedag. 25 no. 4 35-39 Ap '61
Familiarizing tenth-grade students with some aspects of the application of chemistry to agriculture. L. A. Korobeinikova. Khim. v shkole 15 no. 2 58-64 Ja-Ap '60
First-year students in the factory shops. A. Belov. Komsom. zhizn' no. 10 15-18 My '61
Industrial hygiene and social insurance for students of the secondary technical schools with vocational instruction. V. Andreev. Okhr. truda i sots. strakh. 4 no. 5 55-56 My '61.
Let's improve work and guidance. Nar. obr. no. 5 6-11 My '61
Maturing through work. N. F. Rubtsov. Vest. vys. shkoly 19 no. 5, 86-89 My '61
Notes of a director of a higher technical school factory. N. I. Nikolaev. Vest. vys. shkoly 19 no. 5:17-22 My '61
Relation between the teaching of chemistry and local enterprises processing agricultural products. S. A. Poplavskii. Khim. v shkole 15 no. 2 53-58 Mr-Ap '60
Reorganization of the school system and the formation in the older pupil of a conscious attitude toward learning and work [with summary in English] A. L. Shnirman. Vop. psikhol. 6 no. 3 16-23 My-Je '60.
Teachers as a decisive force in reorganization. F. Maksimenko. Nar. obr. no. 5 12-17 My '61.
This is how a new type of engineer is born. V. M. Zudin, N. E. Skorokhodov. Vest. vys. shkoly 19 no. 5, 14-17 My '61
We inculcate the habits of agricultural work. K. Pilipiuk. Nar. asv. no. 2 28-30 F '61.
Work is the best teacher. Pavel Il'iashenko. Det. dom 16 no. 4, 59-64 '60.

EDUCATION, ELEMENTARY
(see also subdivision under Komi A. S. S. R.)
Success is achieved by persistent creative work. A. K. Serebriakov. Nach. shkola 20 no. 5 6-11 My '61.
Training primary grade teachers with higher education. V. Nefedov, V. Kokosh, IU. Rusov. Nar. obr. no. 5: 22-26 My '61.

EDUCATION, ELEMENTARY—CONGRESSES
Academic conference. N. IArisheva. Doshk. vykh. 22 no. 5 43-44 My '61.
Conference on basic problems of elementary education methods. L. I. Tarasova. Nach. shkola 29 no. 5, 95-96 My '61.

EDUCATION, ELEMENTARY—CURRICULA
Primary grade schedule in the schools with longer hours. I. G. Matorova, M. A. Ovsiankina, G. I. Evseeva. Nach. shkola 20 no. 5 22-29 My '61.

DUCATION, ELEMENTARY—PERIODICALS
Discussing the periodical "Nachal'naia shkola." Nach. shkola 29 no. 5, 96 My '61.

EDUCATION, HIGHER
(see also subdivision under Gorkiy; Indonesia)
[Bulletin of the Ministry of Higher and Secondary Specialized Education of the U.S.S.R.] Biul. Min. vys. i sred. spets. obr. SSSR nos. 2-5, Fe-My '61.
Current problems of university education. IU. A. Zhdanov. Vest. vys. shkoly 19 no. 5, 59-63 My '61.
New expansion of the institutions of higher learning. Vest. vys. shkoly 19 no. 5:3-8 My '61

EDUCATION, HIGHER—CONGRESSES
Conference on the reorganization of schools and institutions of higher learning. Khim. v shkole 15 no. 2 96 Mr-Ap '60.

EDUCATION, PRESCHOOL
(see also subdivision under Belgorod Province, Khmel'nitskiy Province, Kirghizistan; Moscow; Rostov Province; Ternopol Province)
About patronage. L. R. Agafonova. Doshk. vosp. 34 no. 5 76 My '61.
Editor's mail. O. Frolova. Doshk. vykh. 22 no. 6 38 Je '61
Further development of collective farm institutions for preschool children. L. P. Pavlova. Sov. zdrav. 20 no. 5 33-38 '61.
Let's give a fitting welcome to the 22nd Congress of the CPSU. Doshk. vosp. 34 no. 5 3-5 My '61.
Pedagogical lectures of the Academy of Pedagogical Sciences in 1961. V. N. Churakova. Doshk. vosp. 34 no. 5 15-17 My '61.
Solving the new problems. A. F. Kolesnikova. Doshk. vosp. 34 no. 5 12-15 My '61.

EDUCATION, PRESCHOOL—PERIODICALS
(see also subdivision under Ukraine)
Observations and wishes of readers. G. Getko. Doshk. vykh. 22 no. 5 46-47 My '61

EDUCATION, RURAL
In the Ministry of Education of the R. S. F. S. R. Nach. shkola 20 no. 5 91-93 My '61
Training of qualified personnel in rural secondary schools with work training. N. Liakhov, E. Abrosimova, E. Pronskii. Shkola i proizv. 5 no. 5 24-26 My '61

EDUCATION, SECONDARY
(see also subdivision under Africa)
The 23th International Conference on Public Education in Geneva, 1960. Recommendation No. 50 of the ministries of public education on the preparation and introduction of universal secondary education. Nar. asv. no. 3 93-96 Mr '61.

EDUCATION, TECHNICAL see Technical education

EDUCATION OF CHILDREN
(see also subdivision under White Russia)
Akademiia pedagogicheskikh nauk RSFSR, Moscow. Institut pedagogiki, Leningrad. [Continuity in instruction and interrelationship among academic subjects in grades 5-7] Preemstvennost' v obuchenii i vzaimosviaz' mezhdu uchebnymi predmetami v V-VII klassakh. Pod red. Sh. I. Ganelina i A. K. Dushli. Moskva, 1961. 279 p.

EDUCATION OF CHILDREN—HYGIENIC ASPECTS
Hygienic requirements in the organization of groups for the prolonged day in the general curriculum school. E. T. Smirnova. Med. sestra 20 no. 3:7-10 Mr '61.

EDUCATIONAL GAMES
Games should be a means of education. M. Minkina. Nar. asv. no. 1:31-40 Ja '61.

EDUCATIONAL LAW AND LEGISLATION
Andreev, V. S., and IU. P. Orlovskii. [The legal status of persons who combine their studies with work] Pravovoe polozhenie lits sovmeshchaiushchikh obuchenie s proizvoditel'nym trudom. Moskva, Izd-vo Akad. nauk SSSR, 1961. 229 p.

EDUCATIONAL PSYCHOLOGY
Articles on educational and child psychology in "Studies" of pedagogical institutes. I. S. IAkimanskaia. Vop. psikhol. 6 no. 3 170-178 My-Je '60.
Educational work of teachers of psychology and pedagogy in colleges and universities. L. I. Kotliarova. Vop. psikhol. 6 no. 3:158-161 My-Je '60.
One of the methods to develop thinking in children. A. I. Lipkina. Nach. shkola 29 no. 5:30-37 My '61.
Psychological basis of pedagogical tact [with summary in English]. I. V. Strakhov. Vop. psikhol. 6 no. 3, 57-63 My-Je '60.
The rule "from the elementary to the complex" in teaching and its theoretical basis. V. G. Afanas'ev. Uch. zap. Chel. gos. ped. inst. 6 no. 1 67-81 '59.
Theoretical basis of combining education with productive work. V. A. Zhdanov. Uch. zap. Chel. gos. ped. inst. 6 no. 1:3-16 '59.
Understanding and assimilation by grade 5 students of causal relationships among historical events. G. M. Mel'nikova. Uch. zap. Chel. gos. ped. inst. 6 no. 1 152-172 '59.

EDUCATIONAL RESEARCH
(see also subdivision under White Russia)
Plan of research work of the Academy of Pedagogical Sciences of the R. S. F. S. R. for 1961. N. K. Goncharov. Sov. pedag. 25 no. 4 12-21 Ap '61

EFFICIENCY, INDUSTRIAL
(see also subdivision under Latvia; Sverdlovsk, Transcaucasia; Ukraine, Uzbekistan)
The brigades of communist labor and party organizations. Khaliteden Abdrakhmanov. Part. zhizn' Kazakh. 31 no. 5:21-28 My '61
Communist Youth League of Latvia has entered a year of great savings. A. Pavlov. Tekh. mol. 29 no. 5, 8-9 '61.
Employ all our forces in the seven-year plan. Komsom. zhizn' no. 15/16 26-38 Ag '60.
The experience of the leaders is available to all! G. Zhabitski. Komsom. zhizn' no. 10 12-15 My '61
A factory of communist labor. I. Karev. Komm. Mold. 6 no. 5 39-44 My '61
For the fulfillment of the seven-year plan ahead of time. A. Kolodub. Sov. radio i tel. 8 no. 4 1-2 '59.
In the forefront of the struggle for communist labor. S. Zhuravl'ov, I. Pinkhin. Komm. Ukr. 30 no. 6:25-33 Je '61.
Life motivities to find a solution. Radil Polonskyi. Ukraine no. 11:9-10 Je '61
Some communist traits in the work and life of Lvov workers. D. I. Fihol'. Nar. tvorch. ta etn. 5 no. 1: 17-21 Ja-F '61.
Sources of financing and modernizing the efficiency of fixed assets. A. Sidorov. Fin. SSSR 22 no. 5, 41-49 My '61
Soviet millionaires. V. Kamanin. IUn. tekh. 5 no. 2:2-5 F '61.
Valuable initiative of Communist labor brigades. Komsom. zhizn' no. 9 1-5 My '61.
Work of Communist Youth League organizations in connection with the decisions of the July Plenum of the Central Committee of the CPSU, "On progress in carrying out the decisions of the 21st Congress of the CPSU on the development of industry, transportation, and the introduction of the newest achievements of science and technology into production. Decisions of the 8th Plenum of the Central Committee of the Communist Youth League. Komsom. zhizn' no. 15/16 3-14 Ag '60

EFFICIENCY, INDUSTRIAL—BIBLIOGRAPHY see Bibliography—Efficiency, Industrial

EFIMOV, IVAN SEMENOVICH, 1878-1959
"Father of Russian puppets." L. Golovnia, R. Bazurin. Teatr 22 no. 5 162-163 My '61.

EFIMOVA, NINA IAKOVLEVNA (SIMONOVICH), 1877-1948
"Father of Russian puppets." L. Golovnia, R. Bazurin. Teatr 22 no. 5 162-163 My '61.

EFROSIN, 15th cent.
The literary and cultural activities of Efrosin at the end of the 15th century. IA. S. Lur'e. Trudy ODRL 17 130-166 '61

EGGPLANT
Effect of radioactive isotopes on the growth, development, and yield of tomatoes and the eggplant [in Azerbaijani with summary in Russian] N. B. Vezirova. Uch. zap. AGU, Biol. ser. no. 4 65-70 '60.

EGGS—MICROBIOLOGY
Outbreak of Salmonella breslau infection connected with the use of duck eggs. I. R. Drebinskii. Gig. i san. 25 no. 3 93-96 Mr '60

EGYPTOLOGY—BIBLIOGRAPHY see Bibliography—Egyptology

EICHENBAUM, BORIS MIKHAILOVICH, 1886-1959
Boris Mikhailovich Eichenbaum; an obituary. V. P. Vil'chinskii. Izv. AN SSSR. Otd. lit. i iaz. 19 no. 1: 85-86 Ja-F '60.

EICHMANN, ADOLF, 1906-
Adolf Eichmann, war criminal No 3. Silvain Dorian. V zashch. mira no. 5 68-74 My '61.
Eichmann trial. N. Miliutin. Nov. vrem. 19 no. 22: 19-20 My '61.

EIGENFUNCTIONS
Frommer's method generalized. I. S. Kukles, A. M. Sutarshaev. Dokl. AN SSSR 136 no. 1:29-32 Ja '61.

EIGENVALUES
Certain algorisms for the solution of the complete problem of eigenvalues. V. N. Kublanovskaia. Dokl. AN SSSR 136 no. 1, 26-28 Ja '61.

EIMAR, JACQUELINE
Jacqueline Eimar. K. Adzhemov. Sov. muz. 26 no. 6: 164-165 Je '61.

EJECTOR PUMPS

Water-jet installations. V Rogalenko. Neft. stroi. 15 no 3:8-10 Mr '61

EKIBASTUZ BASIN—COAL MINES AND MINING

Order of the development of the Ekibastuz deposit. G. K. Kushchanov Ugol' 36 no 5 41-44 My '61.

ELANDS see subdivision under Askaniya-Nova Preserve

ELASTIC PLATES AND SHELLS

Ambartsumian, S. A. [Theory of anisotropic shells] Teoriia anizotropnykh obolochek. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 384 p.

Approximate design of a thin, round plate on an elastic base. L. P. Gaponisev. Trudy Ural. politekh. inst. no. 99 71-86 '60.

Axisymmetric bending of a two-layer thick circular plate. A. P. Melkonian. Sbor. nauch. trud. ERPI no. 20 169-190 '59.

Axisymmetric bending of circular and annular plates with concentric extrusions. N. P. Fleishman, S. A. Giach. Vest. mash. 41 no 5 19-23 My '61.

Design of circular orthotropic conic shells. R. A. Malakhovskii. Izv. vys. ucheb. zav., av. tekh. 3 no 2 61-68 '60.

Determining stresses in a double orthotropic band. V. N. Shevelenko. Uch. zap. TGU no 96 59-64 '60

Equations of axisymmetric sandwich plates with a light filler. V. F. Karavanov. Trudy MAI no. 130. 110-132 '60.

Free vibrations in cylindrical shells. R. L. Malkina. Trudy Ural. politekh. inst. no. 99. 61-70 '60.

Plasticity conditions for thin-walled shells. V. I. Rozenblium. Prikl. mat. i mekh. 24 no 2 361-366 Mr-Ap '60.

Pogorelov, A. V. [Theory of convex elastic shells in the post-critical stage] K teorii vypuklykh uprugikh obolochek v zakriticheskoi stadii. Khar'kov, Izd-vo Khar'kovskogo gos. univ. im. A. M. Gor'kovo, 1960. 76 p.

Strength of shallow cylindrical sandwich panels with a light filler and fastened longitudinal edges and subjected to axial compression. V. F. Karavanov. Izv. vys. ucheb. zav., av. tekh. 3 no. 2:50-60 '60.

Theory of anisotropic shells. B. G. Gazizov. Izv. vys. ucheb. zav.; av. tekh. 3 no. 2:42-49 '60.

Theory of elastic plastic stability of bimetallic shells. A. V. Sachenkov. Izv. vys. ucheb. zav.; av. tekh. 3 no. 2 69-79 '60.

Theory of the bending of anisotropic plates and shallow shells. S. A. Ambartsumian. Prikl. mat. i mekh. 24 no 2 350-360 Mr-Ap '60

Transverse bending and stability of sandwich plates. V. M. Piekhanov. Trudy MAI no. 130 87-109 '60.

Transverse bending of an oblique plate with two clamped and two freely supported edges. D. N. Sobolev. Trudy MAI no. 130:133-148 '60.

Ultimate load and natural vibrations of a structurally orthotropic conic shells closed at the apex and subjected to the action of a uniform hydrostatic pressure. I. I. Trapezin. Trudy MAI no. 130.5-18 '60.

Using V. Z. Vlasov's variational method for designing conic shells. B. A. Konovalov. Trudy MAI no. 130: 19-56 '60.

ELASTIC PLATES AND SHELLS—THERMAL PROPERTIES

Analyzing the heating of two-layer plates. V. I. Figurovskii. Izv. vys. ucheb. zav.; av. tekh. 3 no. 2:99-104 '60.

ELASTIC RODS AND WIRES

Bending by a transverse force of a composite rod with a slightly bent axis. R. S. Minasian. Dokl. AN Azerb. SSR 17 no. 3:197-203 '61.

Calculation of the maximum bearing capacity of an eccentrically compressed bar. IU. V. Sobolev. Stroi. mekh. i rasch. soor. 3 no 2. 29-34 '61.

Designing thin-walled conic rods with an open profile. V. I. Klimov. Trudy MAI no. 130:57-87 '60.

Determining the bearing capacity of compression curved elastoplastic bars. G. V. Voronisov Trudy NPI 91: 23-43 '60.

Differential equations of the equilibrium of free and nonfree thin rods. I. V. Nikolenko. Visnyk Kyiv. un. Ser. astron., mat. ta mekh no. 1. 47-56 '58.

Effect of the cross-section asymmetry on the behavior of a compressed rod in the elastic plastic phase. A. V. Aleksandrov. Trudy MIIT no. 131:190-204 '61.

Sectorial characteristics of thin-walled rods. V. A. Babichkov. Trudy MIIT no. 131:267-275 '61.

Some problems on the bending of anisotropic prismatic rods with elongated cross sections. V. S. Sarkisian. Dokl. AN Arm. SSR 32 no. 3:139-148 '61.

Strength of stepped rods subjected to an arbitrary load. A. L. Skrlabin. Trudy MIIT no. 131:111-125 '61.

ELASTIC SOLIDS

Natural vibrations of a multiple mass system with variable partial coefficients of energy absorption of resilient members. V. B. Reznikov. Trudy TSNIIMF 7 no. 32:98-106 '61.

ELASTIC SOLIDS—VIBRATION

Linear theory of internal absorption in vibrating elastic systems. I. Babushka, V. Kolousheb. Trudy MIIT no. 131.57-88 '61.

Unsteady vibrations of elastic systems with internal friction. E. S. Sorokin. Trudy MIIT no. 131. 89-110 '61.

ELASTICITY

Action of a stamp on an elastic layer of finite thickness. V. M. Aleksandrov, I. I. Vorovich. Prikl. mat. i mekh. 24 no 2 323-333 Mr-Ap '60

Adiabatic elasticity modulus in tungsten ceramic metal hard alloys. F. F. Voronov, D. B. Balashov. Fiz. met. i metalloved. 9 no. 4 616-620 Ap '60

Application of the method of separation of variables to equations of thermoelastic equilibrium. O. Kamardinov. Vest. AN Kazakh SSR 17 no. 1 88-93 Ap '61

Causes for the dependence of steel elasticity constants from the magnitude of tensile stresses. G. P. Zaitsev. Fiz. met. i metalloved. 11 no 2 316-318 F '61

Cleaving a brittle solid with a wedge of finite length. I. A. Markuzon. Prikl. mat. i mekh. 25 no 2 356-361 Mr-Ap '61

Effect of displacement and inertia of rotation in the vibrations of a beam lying on an elastic base. A. I. TSeitlin. Prikl. mat. i mekh. 25 no 2 362-364 Mr-Ap '61

Effect of hydrostatic pressure on the elastic properties of metals. Part 2. General considerations and further study. F. F. Voronov. Fiz. met. i metalloved. 11 no 4 620-627 Ap '61.

Finiteness conditions in the mechanics of continuous media. Static problems in the theory of elasticity. G. I. Barenblatt. Prikl. mat. i mekh. 24 no. 2 316-322 Mr-Ap '60

Pressure of an axisymmetric annular stamp on an elastic semispace. V. S. Gubenko, V. I. Mossakovskii. Prikl. mat. i mekh. 24 no 2 331-340 Mr-Ap '60.

Solving three-dimensional problems. V. N. Ionov. Izv. vys. ucheb. zav., mashinostr. no. 1. 3-9 '60.

Static method of investigating the elasticity modulus under the effect of pressure on all sides reaching 4000 kg. per sq. cm. Z. I. Stakhovskaia, I. S. Tomashevskaia. Fiz. met. i metalloved. 9 no. 4 588-592 Ap '60.

Triangular composite wedge under the action of local loads applied to any of its faces [with summary in English] S. G. Shul'man. Inzh.-fiz. zhur. 4 no 5 81-84 My '61.

ELASTICITY—MEASUREMENT

Actual measurements of the elastic line of a metal groove. A. F. Novikov, B. I. Sparberg. Trudy TSNIIMF 7 no 32 41-47 '61.

ELASTOMERS

Polycondensation as a method of producing polydialkylsiloxane and polyarylmodialkylsilovane elastomers. K. A. Andrianov and A. A. Zhdanov. Dokl. AN SSSR 130 no 2 361-364 My '61.

Thermal degradation of fluorinated elastomers of the type Kel-F and PF P/VF. Part 1 [with summary in English]. T. G. Degteva. Vysokom. soed. 3 no 5. 671-678 My '61

ELBOW—DISEASES

Treating traumatic bursitis of the elbow in Kuznetsk and Donets Basin miners in the light of late results, abstract. A. A. Lul'ianova. Ortop. travm. i protez. 22 no. 1. 82-83 Ja '61.

ELBRUS, MOUNT—GEOLOGY, STRUCTURAL

Tectonics, magmatism, and carbonated waters of the Elbrus area. IU. P. Masurenkov. Izv. AN SSSR. Ser. geol. 26 no. 5:45-57 My '61.

ELBRUS, MOUNT—MINERAL WATERS

Tectonics, magmatism, and carbonated waters of the Elbrus area. IU. P. Masurenkov. Izv. AN SSSR. Ser. geol. 26 no. 5:45-57 My '61.

ELECTION DISTRICTS

Russia (1923- U. S. S. R.) Verkhovnyi Sovet. Prezidium. [The decree of the Presidium of the Supreme Soviet of the U. S. S. R. on electoral districts for elections to the Union Soviet, January 4, 1958. The decree of the Presidium of the Supreme Soviet of the U. S. S. R. on electoral districts for elections to the Soviet of Nationalities, January 4, 1958] Ukaz Prezidiuma Verkhovnogo Soveta SSSR ob izbiratel'nykh okrugakh po vyboram v Sovet Soluza, 4 ianvaria 1958 g. Ukaz Prezidiuma Verkhovnogo Soveta SSSR ob izbiratel'nykh okrugakh po vyboram v Sovet Natsional'nostei, 4 ianvaria 1958 g. [Moskva, Izdanie Verkhovnogo Soveta SSSR, n. d.] 144 p. (Prilozhenie k No. 1 (890) "Vedomostei" ot 13 ianvaria 1958 g.)

ELECTIONS—BIBLIOGRAPHY see Bibliography—Elections

ELECTRETS

Law of mutual substitution and the quasi-stationary nature of electronic processes in photoelectrets. E. I. Adirovich, V. M. Fridkin. Dokl. AN SSSR 138 no. 4: 820-823 Je '61.

ELECTRIC ANESTHESIA

Electric anesthesia in treating hypertension [with summary in English] G. K. Lavskii and others. Terap. arkh. 31 no. 1 69-70 Ap '59

Use of electric anesthesia and electrically induced sleep under experimental conditions and in the surgical clinic. R. L. Syrkin. Trudy 1-go MMI 3.151-165 '57.

ELECTRIC APPARATUS AND APPLIANCES—EXHIBITIONS

New products and materials for the assembly of industrial electric equipment and automation systems. M. L. Kaminskii. Mont. i spets. rab. v stroi. 23 no. 1 29-31 Ap '61.

ELECTRIC CABLES

Automatic control of voltage on cable clamps in oil well drilling. I. B. Kadymov, M. M. Rasulov. Azerb. neft. khoz. 40 no 3 15-16 Mr '61

ELECTRIC CABLES—TESTING

Equipment for locating damage in cables. G. S. Slutskii. Mekh. stroi. 31 no 12 31 D '60

ELECTRIC CAPACITORS

Boundary effect in condenser-type insulation. D. A. Kaplan. Izv. vys. ucheb. zav.; energ. 4 no. 4:30-36 Ap '61.

Effect of vacuum treatment conditions on the magnitude of the loss angle in the drying and saturating of large power condensers with oil-saturated paper dielectric. V. T. Reune, D. S. Vaishavskii. Izv. vys. ucheb. zav.; energ. 4 no. 4:25-29 Ap '61

ELECTRIC CAPACITORS—TESTING

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 178-56 for checking capacitor bases and fixed and variable capacitors] Instruktsiia 178-56 po poverke magazinov emkosti i kondensatorov postoiannoi i peremennoi emkosti. Izd. ofitsial'noe. Moskva, 1957. 12 p.

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 188-54 for checking ohmmeters, meggers, and faradmeters] Instruktsiia 188-54 po poverke ommetrov, megommetrov i faradmetrov. Izd. ofitsial'noe. Moskva, 1957. 22 p.

Unit for measuring the total resistance of duct capacitors. A. Kh. Karasik. Izm. tekh. no. 5:43 My '61.

ELECTRIC CIRCUITS

Comparator with thresholds. G. A. Medvedev, V. P. Tarasenko. Uch. zap. TGU no 95-65-67 '60

ELECTRIC CLOCKS see Clocks, Electric

ELECTRIC COILS—TESTING

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 179-55 on checking inductance coils, mutual inductance coils, and inductance boxes] Instruktsiia 179-55 po poverke katushek induktivnosti, vzaimnoi induktivnosti i magazinov induktivnosti. Izd. ofitsial'noe. Moskva, 1957.

ELECTRIC CONDUCTIVITY

Characteristics of the electric conductivity isotherms of monovalent salts in solutions of low dielectric constant [with summary in English]. A. M. Sukhotin, N. M. Ryzhkov. Zhur. fiz. khim. 34 no. 4:762-767 Ap '60.

Electric conductivity isotherms of binary systems in semiconductors. IU. M. Shashkov, T. P. Kolesnikova. Trudy Inst. met. no. 4. 236-239 '60.

Electric conductivity of solution of KCl Al_2Br_6 - $C_6H_5NO_2$. I. S. Bigich, T. K. Timoshenko. Izv. vys. ucheb. zav., khim. i khim. tekh. 3 no 2 160-162 '61

Electronic percentmeter for measuring and recording changes in the resistance Z = R+JX or conductivity Y = G+JB of electrolytes and semiconductors [with summary in English]. V. A. Reuben. Zhur. fiz. khim. 35 no. 4:934-938 Ap '61.

Phenomenological theory of the electric conductivity of ferrites and antiferromagnetic materials. E. A. Turov, IU. P. Irkhin. Fiz. met. i metalloved. 9 no. 4. 488-497 Ap '60.

Temperature relation of the electric resistance in plastically deformed silver and copper. V. I. Khotkevich, V. A. Pervakov, B. A. Mar'iasov. Fiz. met. i metalloved. 9 no. 4:637-639 Ap '60.

Thermal activation energies of dark conduction in organic compounds. A. T. Vartanian, L. D. Rozenshtein. Fiz. tver. tela 3 no. 3:713-722 Mr '61.

ELECTRIC CONNECTORS

Russia (1917- R. S. F. S. R.) Glavnoe upravlenie po proizvodstvu elektromontazhnykh rabot. [Instructions for fitting bolted busbar joints and connecting them to the contact wires of VI-3-57. MS RSFSR apparatus] Instruktsiia po montazhu bolteovykh soedinenii shin i prisoedinenii ikh k kontaktnym vyvodam apparatov VI-3-57. MS RSFSR. Moskva, Gos. energ. izd-vo, 1960. 45 p.

ELECTRIC CONTROLLERS

Automatic regulation of current density and acidity. N.V. Rumiantsev. Mashinostroitel' no.5:10-12 My '61

Devices for investigating power networks used in high-frequency communications. D.IA German. Sbor. mat. po avtom. proizv. protsessov i disp. no.5:101-111 '60

Dynamics of a conic centrifugal regulator. V.I. Sergeev. Trudy Inst. mash. Sem. po teor. v mash. i prib. no.15:89-94 '61.

Dynamics of a flat centrifugal regulator. V.I. Sergeev. Trudy Inst. mash. Sem. po teor. v mash. i prib. no.15:3-12 '61.

Qualitative investigation of the synchronization of the converter motor with a standard frequency source in the system of an integral control of precision frequency adjustment. S.R. Mizinin. Trudy MAI no.133:61-83 '61.

Vorob'eva, T.M. [Electromagnetic clutches] Elektromagnitnye mufty. Moskva, Gos. energ. izd-vo, 1960. 206 p. (Biblioteka po avtomatike, no.18) [MICROFILM]

ELECTRIC CRANES
(see also subdivision under Gorkiy)

Cranes for cargo motorships. A. Brodskii, N. Chulin. Rech. transp. 19 no.2:16-19 F '60

ELECTRIC CURRENT RECTIFIERS

Calculation of the inductance of the cathode reactor of a large rectifying unit. V.IA. IAkubovskii. Izv. vys. ucheb. zav., elektromekh. 3 no.12:130-134 '60.

Experiments with electrolytic rectifiers. I.I. Zemlianskii. Khim. v shkole 15 no.2:47-49 Mr-Ap '60.

Nature of the falling characteristic in point-contact germanium rectifiers. G.M. Avak'iants. Izv. AN Uz SSR no.11:45-55 '56

"Rectifiers and stabilizers" by P.G. Fedoseev. Reviewed by G.S. Veksler. Tekh. i kino telev. 5 no.5:90-92 My '61.

Transient processes in an ionic generator excitation system. N.P. Kunitskii, G.M. Ivanov. Izv. vys. ucheb. zav.; elektromekh. 3 no.12:3-13 '60.

ELECTRIC CURRENTS

Remote control of current intensity during electric welding. V. Kulikov. Rech. transp. 19 no.2:13 F '60.

ELECTRIC CURRENTS—GROUNDING

Directed protection from short-circuits to ground for electric power transmission lines feeding peat enterprises. I.A. Kuznetsov. Elek. sta. 32 no.5:86-87 My '61

ELECTRIC CURRENTS, EDDY

Wind boils water. O.G. Shchukin. Nauka i zhizn' 28 no.4:17 Ap '61.

ELECTRIC CUTOUTS

Breaking of the tie bolt in collars of RLN-type disconnectors for 35 and 110 kv. I.S. Batkhon. Elek. sta. 31 no.12:60 D '60.

Study of MkP 110 cutouts in reference to disconnecting them from limiting short-circuit currents. B.I. Egudin. Elek. sta. 31 no.12:59-64 D '60

ELECTRIC CUTTING MACHINERY

Universal electric spark machine. P. Trifonov, V. Budko. NTO 2 no.5:42 My '60.

ELECTRIC DISCHARGES

Low-voltage protective discharger. P.V. Bogoslovskii, IU.I. Ponomarev, B.I. Pukhov. Energetik 9 no.5:26 My '61.

Thermodynamic equilibrium in an arc discharge [with summary in English]. F.S. Ortenberg. Inzh.-fiz. zhur. 4 no.5:94-95 My '61

Valve dischargers. Energetik 9 no.5:38-39 My '61.

ELECTRIC DISCHARGES THROUGH GASES

Calculation of the concentration of excited molecules in the zone of stationary electrical discharges [with summary in English]. S.S. Vasil'ev. Zhur. fiz. khim. 35 no.4:761-771 Ap '61.

Studying the molecular transformations in natural gas provoked by a high-frequency electric discharge. S.V. Starodubtsev and others. Izv. AN Uz. SSR. Ser. fiz.-mat. nauk no.2,3-11 '61.

ELECTRIC DRIVING

Calculation of operating conditions of an autonomous system consisting of a generator and an asynchronous motor. K.N. Vakulenko. Izv. vys. ucheb. zav.; elektromekh. 3 no.12:65-71 '60.

Disconnecting and blocking device containing a mechanism for signaling the fault of an electric motor on continuous production lines. B.F. Dikii. Energetik 9 no.5:27-29 My '61.

Nikitin, V.P. [Selected works] Izbrannye trudy. Moskva, Izd-vo Akad. nauk SSSR, 1961. 430 p.

Reproduction of the electromechanical parameters of electric drive systems under laboratory conditions by means of universal braking devices. V.V. Rudakov, V.M. Mamedov. Izv. vys. ucheb. zav.; elektromekh. 3 no.12:124-128 '60.

Some deliberations on measures aiding the successful development of the theory of electric driving. L.J. Gandzha. Izv. vys. ucheb. zav., elektromekh. 3 no.12:117-123 '60.

Use of power metal clutches to regulate the speed of electric drives. T.A. Glazenko, A.L. Vinogradov. Izv. vys. ucheb. zav., elektromekh. 3 no.12:72-79 '60.

What is necessary to know about electric drives. Bum. prom. 36 no.5:26 My '61.

ELECTRIC EEL

"Radar" in fish (from "Aquarien und Terrarien," no.1, 1961). Priroda 50 no.6:118 Je '61.

ELECTRIC ENGINEERING

Valdgard, S.L. [Electric engineering made interesting] Zanimatel'naia elektrotekhnika. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 273 p.

ELECTRIC ENGINEERING—ABSTRACTS

[Electrical engineering and electric power.] Ref. zhur.: Elektrotekh. i energ. no.6 Je '61.

ELECTRIC ENGINEERING—BIBLIOGRAPHY see Bibliography—Electric engineering

ELECTRIC ENGINEERING—COMPETITIONS

Competition for the P.N. Lebedev award. Elek. sta. 32 no.5:96 My '61.

ELECTRIC ENGINEERING—EQUIPMENT AND SUPPLIES

From the pages of technical magazines. Energetik 9 no.5:37 My '61.

Production and use of arc-resistant plastics in the electric equipment industry. N.G. Timofeev. Biul. tekh.-ekon. inform. no.4:75-76 '61

Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 182-55 for checking resistance bases] Instruktsiia 182-55 po poverke izmeritel'nykh magazinov soprotivlenii. Izd. ofitsial'noe. Moskva, 1957. 36 p.

ELECTRIC ENGINEERING—EXHIBITIONS

Awarding of the participants of the Exhibition of Achievements of the National Economy of the U.S.S.R. M.A. Borisov. Elek. sta. 32 no.5:95-96 My '61

ELECTRIC ENGINEERING—PERIODICALS

Conference of readers of "Elektricheskaia stantsiia" in Buku. Elek. sta. 31 no.12:87 D '60

ELECTRIC ENGINEERING—SAFETY MEASURES

Sevast'ianov, M.I. [Safety engineering in performing rigging operations in the installation of electric systems] Tekhnika bezopasnosti pri proizvodstve takelazhnykh rabot na montazhe energeticheskikh ustanovok. Moskva, Gos. energ. izd-vo, 1960. 55 p. (Biblioteka elektromontera, no.34)

ELECTRIC ENGINEERING—STUDY AND TEACHING

Circuits for assembling in electric engineering classes. M. Lbashko. Nar. obr. no.3:61-63 Mr '61.

Development of interest in students in the promotion of efficiency and inventiveness. M.P. Popov. Shkola i proizv. 5 no.5:35-36 My '61.

Discussion of the electrical engineering program. N.N. Molov, IA.F. Lerner, S.IA. Shomash. Fiz. v shkole 20 no.2:59-62 Mr-Ap '60.

Draft of the electrical engineering program for general polytechnical secondary schools with industrial training. Fiz. v shkole 20 no.2:57-59 Mr-Ap '60.

ELECTRIC FANS see Fans, Electric

ELECTRIC FIELDS

Calculating the internal field in diamond and NaCl crystals. Z.A. Demidenko. Fiz. tver. tela 3 no.3:803-810 Mr '61

Diffusion of nickel in a nickel-molybdenum alloy in an electric field [with summary in English]. D.F. Knipovich and others. Inzh.-fiz. zhur. 4 no.5:108-110 My '61.

Studying the structure of an ultrahigh-frequency field from a helicopter. V.I. Bocharov. Uch. zap. TGU no.36:87-90 '60.

ELECTRIC FILTERS

Directional filter with two-ring resonators. B.B. Lagovier. Nauch. dokl. vys. shkoly, radiotekh. i elektron. no.2:85-93 '59.

Frequency characteristics of comb filters. N.I. Ignat'ev. Nauch. dokl. vys. shkoly; radiotekh. i elektron. no.2:210-224 '59.

Single-frequency deemphasis tuning of a wavetrap. B.IA. Zhukhovitskii. Elek. sta. 32 no.5:75-76 My '61.

ELECTRIC FREQUENCY MEASUREMENTS see Frequency measurements

ELECTRIC FURNACES

Properties of electric furnaces with coke packing and a deep slag layer. G.F. Platonov. Vest. AN Kazakh. SSR 17 no.4:43-49 Ap '61.

Simple method for equalizing the temperature field of tubular resistance furnaces. B.K. Bragin. Izm. tekh. no.6:30-31 Je '61.

ELECTRIC GENERATORS

Determining parameters of magnetoelectric generators with an asterisk-shaped rotor. A.I. Bertinov, V.G. Andreev. Trudy MAI no.133:5-31 '61.

Effect of aluminum lining of rotors of magnetoelectric generators on the degree of their use. A.I. Bertinov, V.G. Andreev. Trudy MAI no.133:35-40 '61.

Effect of steady and transient processes on the shape of curves of the field and voltage of magnetoelectric generators. A.I. Bertinov, V.G. Andreev. Trudy MAI no.133:41-54 '61.

Electric machines of the future. Smena 36 no.7:18 Ap '61

Improvement in the schematic of automatic field quenching generators. B.T. Melikhov. Elek. sta. 31 no.12:77-79 D '60

Magnetic field in the gap of an inductor generator with a pulsating induction flux of the rotor teeth. B.S. Zechikhin. Trudy MAI no.133:120-140 '61.

Transient processes in an ionic generator excitation system. N.P. Kunitskii, G.M. Ivanov. Izv. vys. ucheb. zav., elektromekh. 3 no.12:3-13 '60.

ELECTRIC HEATING

Automatic programmed regulator of the rate of the electric heating of instruments and apparatus. S.N. Antonov, G.O. Tatevos'ian. Plast. massy no.6:46-47 '61.

Is the electric heating in the pulp and paper industry economically expedient? S.I. Khazanov. Bum. prom. 36 no.4:25-26 Ap '61.

Methods of heating specimens by passing electric current in the course of programmed testing for long-period strength. V.I. Kovpak. Zav. lab. 27 no.5:585-588 '61

ELECTRIC INSTRUMENTS

Instrument for controlling the waviness and deviations from the regular geometrical shape. T.S. Lopovok. Izm. tekh. no.5,9-10 My '60

Testing steel cables with electromagnetic devices. V.D. Belyi, M.B. Treiger. Bezop. truda v prom. 5 no.5:22-24 My '61.

ELECTRIC INSTRUMENTS—EXHIBITIONS

Under the flags of five countries. V.I. Kurs. Znan'e-sila no.2:8-10 F '61

ELECTRIC INSULATORS AND INSULATION

Boundary effect in condenser-type insulation. D.A. Kaplan. Izv. vys. ucheb. zav.; energ. 4 no.4:30-36 Ap '61.

Breakdown of the sleeve insulation of electric machinery subjected to the action of a nonsinusoidal voltage. M.N. Volodin, E.G. Miakinin, V.V. Puchkovskii. Izv. vys. ucheb. zav.; energ. 4 no.4:18-24 Ap '61.

Effect of iron oxides on the properties of steatite electric insulation ceramics. V.G. Avetikov, E.I. Zin'ko. Stek. i ker. 18 no.3:19-22 Mr '61.

Effect of the design of suspension insulators on the magnitude of their moist-state discharge potential. E.V. Kalinin. Elek. sta. 32 no.5:62-65 My '61

Effect of vacuum treatment conditions on the magnitude of the loss angle in the drying and saturating of large power condensers with oil-saturated paper dielectric. V.T. Renne, D.S. Varshavskii. Izv. vys. ucheb. zav.; energ. 4 no.4:25-29 Ap '61.

Features of tempered glass suspension insulators for electric power transmission lines. N.A. Nikolaev and others. Elek. sta. 31 no.12:64-70 D '60.

Mechanism of the electrochemical corrosion of metals under insulating coatings. Part 3. Work of macrocorrosion couples formed in the case of a discontinuous insulation of metal surface with thin protective films [with summary in English]. N.D. Tomashev, IU.N. Mikhailovskii, V.V. Leonov. Zhur. fiz. khim. 35 no.4:736-742 Ap '61.

Modified polyethylene terephthalate for electric insulation lacquers. R. Mikhail and others. Zhur. prikl. khim. 33 no.10:2336-2340 O '60

Molding compositions with wood filler having high electric insulation properties. Z.S. Ulianskii, M.N. Bragina. Plast. massy no.6:11-13 '61.

New annealing furnace for producing insulators on an assembly line. V.S. Gorbanev. Stek. i ker. 18 no.3:36-37 Mr '61.

An opaque glaze for electric insulating articles. M.G. Manvelian, N.I. Kuz'mina, V.A. Vhabian. Stek. i ker. 18 no.5:24-25 My '61.

Use of glass suspension insulators on overhead power transmission lines. G.I. Lysakovskii, N.M. Sergienko. Elek. sta. 31 no.12:77-78 D '60.

ELECTRIC INSULATORS AND INSULATING—TESTING

Decimicrosecond counter. V.IA. Ovlashuk, N.D. Sukhopradskii. Trudy TSNII MPS no.209:93-97 '61.

Testing of insulating materials for hermetically sealed refrigerator motors. J. Michálek. Izv. vys. ucheb. zav.; elektromekh. 3 no.12:108-111 '60.

ELECTRIC LAMPS see subdivision under Moscow

ELECTRIC LAMPS, FLUORESCENT see Fluorescent lamps

ELECTRIC LAMPS, INCANDESCENT—FILAMENTS

Standardize refractory wire for incandescent lamps, V. M Skobelev, S. M. Vugman. Standartizatsiia 25 no. 5:11-12 My '61.

ELECTRIC LINES—OVERHEAD

Effect of the design of suspension insulators on the magnitude of their moist-state discharge potential E V Kalinin Elek sta. 32 no 5 62-65 My '61

Features of tempered glass suspension insulators for electric power transmission lines N A Nikolaev and others Elek. sta. 31 no 12 64-70 D '60

Use of glass suspension insulators on overhead power transmission lines G. I Lysakovskii, N M Sergienko Elek. sta 31 no.12:77-78 D '60.

Use of 2, 4-D for clearing underbrush along electric power transmission lines. Z. E. Kozhanova Energetik 9 no. 5:29 32 My '61

Zonn, M. G., and A. M. Cheremov. [Instructions for laboratory work in the field of overhead communication lines] Rukovodstvo k laboratornym rabotam po vozdushnym liniiam sviazi. Leningrad, Elektrotekhn. in-t sviazi.

Pt. 1. [Testing the engineering properties of line wire and insulators and methods for splicing wires and fastening lines to poles] Ispytanie tekhnicheskikh svoistv lineinoi provoloki i izoliatorov, sposoby soedinenila kontsov provodov, ukreplenie provodov na oporakh. Pod red. P. IA. Shinkerova. 1959. 29 p.

ELECTRIC LINES—POLES

Consideration of the durational processes in calculating prestressed supports with an annular cross section N S. Meteliuk. Elek sta. 32 no 5 42-45 My '61

In regard to M. L. Gal'pern's article "Calculation of the extracting forces acting on the foundations of hinge-fastened power transmission line towers G K Klein, S V. Korobov Elek sta. 32 no 5:91-93 My '61.

Incident boom. G. T. Vinogradov. Elek sta. 31 no. 12: 47-50 D '60.

Methods for preventing the burning of wooden poles G. I Lysakovskii, T P. Musatov. Elek sta. 32 no 5 87-88 My '61

ELECTRIC LINES—UNDERGROUND

Nikol'skii, K. K. [Drainage protection of metal shielded communication lines to prevent corrosion] Drenazhnaia zashchita metallicheskikh kabelei sviazi ot korrozii. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1961. 54 p. (Lektsii po tekhnike sviazi)

ELECTRIC LINES—WELDING

Thermite welding of the wires of distribution devices I S Batkhon Elek sta, 32 no. 5 83-84 My '61

ELECTRIC LOCOMOTIVES

Circuits for connecting semiconductor rectifiers on high-frequency electric locomotives in coal mines, N. A. Staroskol'skii. Izv. vys. ucheb. zav.; elektromekh. 3 no. 12:80-87 '60.

Investigation of a d. c. double-drive, differential, traction engine. V. B. Furman, M. V. Martynov. Nauch. rab. stud. GNSO MGI no. 7:151-167 '59.

New electric locomotive for open-pit mining V. N. Stasiuk. Gor. zhur. no. 3:56 Mr '60

Some findings regarding the operation of a. c. electric locomotives. V. A. Nikanorov. Vest TSNII MPS 20 no 3:10-13 '61.

ELECTRIC LOCOMOTIVES—PAINTING

New varnish paints for electric locomotives. S. M. Zaitseva. Trudy TSNII MPS no. 208:114-120 '61.

ELECTRIC LOCOMOTIVES—TESTING

Method of adapting a loading stand assembly for mine locomotive research. S N Istomin. Izv vys. ucheb. zav., gor. zhur no 2 133-136 '60.

ELECTRIC MACHINERY
(see also subdivision under Moscow)

Breakdown of the sleeve insulation of electric machinery subjected to the action of a nonsinusoidal voltage. M. N. Volodin, E. G. Miaklain, V. V. Puchkovskii. Izv. vys. ucheb. zav.; energ. 4 no. 4:18-24 Ap '61.

Efficiency limit for increasing the load of electric machines. A. IA. Berger. Izv. vys. ucheb. zav.; elektromekh. 3 no. 12:46-49 '60.

Power limit of electric machines. L. S. Polotovskii. Izv. vys. ucheb. zav.; elektromekh. 3 no. 12:50-57 '60.

ELECTRIC MACHINERY—ALTERNATING CURRENT

Strakhov, S. V. [Transient processes in electric networks operating with a. c. machinery] Perekhodnye protsessy v elektricheskikh tsepiakh, soderzhashchikh mashiny peremennogo toka. Moskva, Gos. energ. izd-vo, 1960. 246 p.

ELECTRIC MACHINERY—MAINTENANCE AND REPAIR

Repairing electric equipment at Odessa Repair and Supply Station. A. I. Pysaren. Mekh. sil'. hosp. 12 no. 5:14-16 My '61.

With our own hands. I. Nurks. Sel'. mekh. no. 5:21-22 '61.

ELECTRIC MACHINERY, SYNCHRONOUS

Self-rocking of synchronous machinery. N. D. Anisimova, E. TSi-chzhen' [Yeh Ch'i-Chen]. Izv. vys. ucheb. zav.; energ. 4 no. 4:1-11 Ap '61

ELECTRIC MACHINING see Electric metal cutting

ELECTRIC MEASUREMENTS

Device for automatic locating of the "ground" N. E Gevorkian Elek sta, 32 no 5-86 My '61

Equipment for continuous measurement of the tension of a strip during rolling. I M Boguslavskii, I. V Petrova. Mekh i avtom proizv. 15 no 5:34-35 My '61

Measuring reactive power and the power factor in case of a nonsinusoidal current and voltage. P. B. Usatin. Izm. tekh. no. 6:38-41 Je '61.

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 191-56 for checking d. c. measuring bridges] Instruktsiia 191-56 po poverke izmeritel'nykh mostov postoiannogo toka. Izd. ofitsial'noe. Moskva, 1957. 35 p.

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 192-56 for checking a. c. measuring bridges] Instruktsiia 192-56 po poverke mostov peremennogo toka. Izd. ofitsial'noe. Moskva, 1957. 35 p.

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 194-57 for checking phase meters] Instruktsiia 194-57 po poverke fazometrov. Izd. ofitsial'noe. Moskva, 1957. 39 p.

Using the electric measurement method for the study of steering gear. L. L. Gintsburg, V. E. Vendel', Avt. prom. 27 no. 5:24-27 My '61.

ELECTRIC METAL CUTTING

Current status of theoretical concepts of the nature of the electric erosion of metals by pulse currents I. G. Nekrashevich, I. A Bakuto. Dokl. AN BSSR 5 no 5: 208-211 My '61

Rapid cutting of stainless steel. Metallurg 6 no. 6:39 Je '61.

Using the electric contact method in machining external surfaces of revolution. M. E. Ulkivid, A. T. Kravets. Stan. i instr. 31 no 5:18-21 My '60

ELECTRIC METERS

Basic characteristics of electromechanical phasemeters. E. S. Polishchuk, A. D. Nesterenko. Izm. tekh. no. 6: 41-44 Je '61.

The K-50 portable measuring unit. N. F. Moloshnov. Biul. tekh.-ekon. inform. no. 4:42-43 '61.

Two-phase vectormeter with a semiconductor input. I. S. Volkov. Izv. vys. ucheb. zav.; prib. 3 no. 1:35-44 '60.

ELECTRIC METERS—TESTING

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 203-56 for checking KV-1 and UK-1 Q-meters] Instruktsiia 203-56 po poverke izmeritelei dobrotnosti tipov KV-1 i UK-1. Izd. ofitsial'noe. Moskva, 1957. 10 p.

ELECTRIC MOTORS

Calculating operating characteristics of shielded electric motors. A. I. Bertinov, N. V. Sineva. Trudy MAI no. 133:55-63 '61.

Device for the protection of three-phase electric motors in case of a blow-out of one of the fuses. I. M. Moshek. Ugol' Ukr. 5 no. 5:32-33 My '61.

Effect of the material of rotors on the characteristics of an electric motor with a massive rotor. N. V. Sineva. Trudy MAI no. 133:105-112 '61.

Reciprocating parametric motor. S. R. Miziurin, E. A. Kuznetsov, S. V. Maiorov. Trudy MAI no. 133:113-119 '61.

Redesigning of the bearing lubricating system of a 1,500 kw. electric motor. S. S. Gadzhiev. Energetik 9 no. 5:25 My '61.

ELECTRIC MOTORS—STARTING DEVICES

Replies to B. A. Sarkisian's article "Use of two-polar starters for controlling three-phase low-voltage electric motors." V. I. Utkin and others. Elek. sta. 31 no. 12:84-85 D '60.

ELECTRIC MOTORS—TESTING

Experimental determination of mechanical characteristics of electric motors. A. A. Dubonskii. Trudy MAI no. 133:84-104 '61.

ELECTRIC MOTORS, ALTERNATING CURRENT

Expanding the range of speed regulation in a. c. commutator motors. K. S. Shishlo. Izv. vys. ucheb. zav.; tekh. teks. prom. no. 2:120-123 '61.

ELECTRIC MOTORS, DIRECT CURRENT

System for the stabilization and regulation of the speed of a d. c. motor using a tachometer generator. A. V. Fateev and others. Izv. vys. ucheb. zav. elektromekh. 3 no. 12:58-64 '60.

ELECTRIC MOTORS, INDUCTION

Calculating electromechanical characteristics of an asynchronous capacitor motor. G. G. Rekus. Izv. vys. ucheb. zav.; mashinostr. no. 3:137-144 '61

Dynamic operating modes of an asynchronous motor controled by the frequency of the supply voltage [with summary in English] Avtomatyka no 1 83-93 '60

Lopukhina, E. M., and G. S. Somikhina. [Designing of single-phase and three-phase asynchronous micromotors] Raschet asinkhronnykh mikrodvigatelei odnofaznogo i trekhfaznogo toka. Moskva, Gos. energ. izd-vo, 1961. 312 p.

Performance of an asynchronous motor during brief significant overloading. B. I. Davydov Izv. vys. ucheb. zav., gor. zhur no. 6 116-121 '60.

Stability of a relay control on an asynchronous hoist drive. A. G. Vigandt. Izv. vys. ucheb. zav.; gor. zhur. no. 12:83-86 '59.

ELECTRIC MOTORS, INDUCTION—VIBRATION

Axial vibration forces of induction devices with cylindrical rotors. V. K. Ponomarenko Izv. vys ucheb. zav.; prib. 4 no. 2 20-26 '61.

ELECTRIC NETWORKS

Strakhov, S. V. [Transient processes in electric networks operating with a. c. machinery] Perekhodnye protsessy v elektricheskikh tsepiakh, soderzhashchikh mashiny peremennogo toka. Moskva, Gos. energ. izd-vo, 1960. 246 p.

Transient processes in elementary networks containing thermistors with different laws for changing the temperature of the medium. E. B. Elagin. Izv. vys. ucheb. zav., energ. 4 no. 4:37-44 Ap '61.

ELECTRIC POWER
(see also subdivision under Leningrad, Soviet Central Asia; White Russia)

Classifying the consumers of electric power at construction sites of hydroelectric power stations by categories of uninterrupted power supply. N. M. Andreev. Gidrostroi. 30 no. 5 26-29 My '60.

Light over the land. M. Vasil'ev. V mire knig 1 no 4: 10-11 Ap '61.

Plan of the State Commission for the Electrification of Russia and development of electric power systems in the Soviet Union. P. G. Grudinskii, I. M. Markovich Elek. sta. 31 no 12:12-16 D '60.

Zhimerin, D. G. [Development of electric power engineering in the U. S. S. R.] Razvitie energetiki SSSR. Moskva, Gos. energ. izd-vo, 1960. 326 p. [MICROFILM]

ELECTRIC POWER—ABSTRACTS

[Electrical engineering and electric power.] Ref. zhur.: Elektrotekh. i energ. no. 6 Je '61.

ELECTRIC POWER DISTRIBUTION
(see also subdivision under Moscow, Moscow Province; Ural Mountains)

Bukharin, E. M., and others. [Survey and comparison of foreign standards for designing the structural section of electric power transmission systems] Obzor i sravnenie zarubezhnykh norm na proektirovanie konstruktivnoi chasti linii elektroperedachi. Pod obshchei red. S. S. Rokotiana. Moskva, Gos. energ. izd-vo, 1960. 143 p.

Concerning a practical criterion of the possibility of connecting a large single-phase load to an electric-power system at a given point in the network. V. G. Kitushin. Izv. vys. ucheb. zav.; energ. 4 no. 4:124-125 Ap '61.

Concerning V. G. Kitushin's remarks on the article "Practical criterion of the possibility of connecting a large single-phase load to an electric-power system at a given point in the network. S. M. Rozhavskii. Izv. vys. ucheb. zav.; energ. 4 no. 4:126-127 Ap '61.

Device for automatic locating of the "ground" N. E. Gevorkian. Elek. sta. 32 no 5-88 My '61.

Directed protection from short-circuits to ground for electric power transmission lines feeding peat enterprises. I. A. Kuznetsov. Elek sta. 32 no. 5 86-87 My '61.

Discharger for limiting internal overvoltages using an air arc arrester and linear resistance V. N. Horisov, A. A. Obukh. Elek sta. 32 no. 5-65-71 My '61.

Efficiency of the one-phase method for regulating the power and deicing of 110 kv. power transmission lines S. N. Mazor. Elek. sta. 32 no. 5 84-86 My '61.

Fedosenko, R. IA. [Method for calculating the reliability of municipal electric power distribution networks] Metod rascheta nadezhnosti elektrosnabzheniia potrebitelei gorodskikh elektrosetei. Moskva, Otdel nauchno-tekhn. informatsii Akad., 1959. 69 p.

In regard to V. F. Krutskii and B. S. Uspenskii's article "Problems of dispatcher control of electric power systems." G. S. Kontushkov. Elek sta. 31 no. 12:85-87 D '60.

Leningrad. Leningradskii inzhenerno-ekonomicheskii institut. [Principal problems in the design of municipal electric networks] Osnovnye voprosy proektirovaniia gorodskikh elektricheskikh setei. Gosenergoizdat, 1960. 81 p. (Trudy, no. 34)

New regulations for operating electric networks and electric power plants. Energetik 9 no. 5:1-3 My '61.

Savel'ev, V. K. [Comparative economic efficiency of fuel transportation and electric power transmission] Sravnitel'naia ekonomicheskaia effektivnost' transporta topliva i peredachi elektroenergii. Moskva, Izd-vo Akad. nauk SSSR, 1961. 230 p.

ELECTRIC POWER DISTRIBUTION (Continued)

Self-rocking of synchronous machinery. N.D Anishinova, E. TSi-chzhen' [Yeh Ch'i-Chen]. Izv. vys. ucheb zav., energ. 4 no 4:1-11 Ap '61

Studying the static stability of long-distance power transmission by means of an analog computer. A.Kh. Kaluzhnyi. Izv. Sib. otd. AN SSSR no 3 21-28 '61.

ELECTRIC POWER DISTRIBUTION—HIGH TENSION

Increase in the operational reliability of gas protection V. F. Radionov Elek sta. 31 no 12 82-83 D '60

ELECTRIC POWER PLANTS
(see also subdivision under Moscow)

Accelerate the construction of thermal electric stations Ekon. stroi no 4 3-5 Ap '61

Automatic control of a dredge slag removal pumping unit Z M Ginzburg, L S Bravin, V I Fretdin Elek sta 32 no 5 79-80 My '61

Conference of readers of "Elektricheskaia stantsiia" in Baku Elek sta 31 no 12 87 D '60

Decrease in the loss of condensate at electric power plants. S. E. Shitsman. Energetik 9 no.5:11-13 My '61.

Electric power stations of the future. S. Mirenburg. NTO 3 no. 5:35-36 My '61.

Giant of thermal power engineering. V. G. Zhilin. Nauka i zhizn' 27 no. 4:6-7 Ap '60.

New regulations for operating electric networks and electric power plants. Energetik 9 no. 5:1-3 My '61.

Problem of specialization in constructing thermal electric power plants. A. Lukin, N. Avanesov, S. Parizhskii. Ekon. stroi no. 4 15-18 Ap '61.

Quantitative and qualitative accounting of gas at electric power plants A V Ivanov, S. E Shitsman Elek sta 32 no 5 19-23 My '61

Role of the general contractor in the development of specialization. A Antipin Ekon stroi. no 5:41-45 Ap '61.

Speeding-up the operation of the protective network of the automatic switching-in of reserve V M Zhigalov, N. IA. Khramov. Elek sta. 31 no. 12:70-71 D '60

Thermal electric power plants from the beginning of the plan of the State Commission for the Electrification of Russia to the present A M Nekrasov, I A Riazanov Elek sta 31 no 12 5-9 D '60

Wages of machinery operators at diesel electric power stations. V. Smirnova. Sel'. mekh. no. 5:24-25 '61

ELECTRIC POWER PLANTS—ELECTRONIC EQUIPMENT

Improved single-band signaling apparatus for power systems V. G Kagan, E U Lubman Elek sta. 32 no 5 89-90 My '61

ELECTRIC POWER PLANTS—EQUIPMENT AND SUPPLIES

In regard to V G Vasil'ev's article "Decreasing the number of elements in lead-acid storage batteries at electric power plants." B Z Vomshtein Elek. sta. 32 no 5:93 My '61.

Intermediate selection in a multiple-stage pump. G. D. Bukhman. Energetik 9 no. 5:20-21 My '61.

Prevention of the cutting-off of the auxiliary power supply Elek sta. 32 no. 5 94 My '61

Prospects for the development of blast-draft machines I. M. Goigel'f, S N Postolovskii Elek. sta. 31 no 12 20-24 D '60

Small electric hoists. G. L. Khigerovich. Energetik 9 no. 5:21-24 My '61.

Valve for controlling the consumption of gas or air. V. I Kovelenov. Elek. sta. 32 no. 5 16-19 My '61

ELECTRIC POWER PLANTS—FIRES AND FIRE PREVENTION

Fireproof devices for rural power plants. Sel'. stroi. 15 no. 3 insert:4 Mr '61

ELECTRIC POWER PLANTS—HEATING AND VENTILATION

Ventilation at a state regional electric power plant. T. N. Grigor'ev, B. D Dar. Elek sta. 32 no. 5 82-83 My '61

ELECTRIC POWER PRODUCTION

First plenary session of the All-Union Engineering Research Section of the Central Administration of the Power Industry Technological Department. A. P. Pavlushkov. Gidr. stroi. 31 no. 4:61 Ap '61.

Outlook for the development of electric power systems in the U. S. S. R. P. S. Neporozhnii. Gidr. stroi. 30 no. 5:2-6 My '60.

Power construction workers speak. P. F. Vladimirov. Gidr. stroi. 31 no. 4:63 Ap '61.

ELECTRIC PROSPECTING

Solution of the boundary problem for a parabolic cylinder in electric prospecting. A. M. Gliuzman. Izv. AN SSSR. Ser. geofiz. no. 6:910-914 Je '61.

Some problems relative to the differential transformations of resistivity prospecting curves [with summary in English]. B. I. Rabinovich. IU. IA. Mikhailov. Geol. i geofiz. no. 3:81-95 '61.

ELECTRIC PROTECTION

Adjustment of high-frequency electric protection channels M IA Irlakhman Elek sta 31 no 12 81-82 D '60.

Discharger for limiting internal overvoltages using an air arc arrester and linear resistance V. N Borisov, A A Obukh. Elek sta. 32 no 5 65-71 My '61

High speed protection with magnetic elements. S. D. Sokolov. Trudy TSNII MPS no. 209.60-66 '61.

Improvement in the operation of the blocking system with KRD-121-type oscillations. P I Gorinov, L D Tsimbarov Elek sta 31 no 12 48 D '60

Low-voltage protective discharger. P. V. Bogoslovskii, IU I. Ponomarev, B. I Pukhov. Energetik 9 no 5 20 My '61.

Methods for designing pickups for the protection circuit of substations. S. D. Sokolov. Trudy TSNII MPS no. 209:67-78 '61.

Protective network using a. c. with commercial frequency N. M Makarov Elek sta 31 no 12 81 D '60

Protective shields for work in city electric systems. A. Borokh'ev, Zhil.-kom. khoz. 11 no. 2 27 F '61.

Relay protection and automatic control in the electrification of the nation I. D Zeldizon Elek sta 31 no. 12:17-19 D '60

Valve dischargers, Energetik 9 no. 5:38-39 My '61.

ELECTRIC RAILROADS—CURRENT SUPPLY

Contactless remote control unit with time division of the BTR-59 type channels for the control of disconnecting switches of the trolley system. V. IA. Ovlasiuk, N. D. Sukhoprudskii. Trudy TSNII MPS no. 209.19-15 '61.

Effect of traffic density on the speed of trains with electric traction B M. Maksimovich. Trudy MIIT no 113 117-141 '59

Mochenov, I. G., V. N. Rudnev, and S. D. Sokolov. [Studying the power supply systems of electrified railroads] Issledovaniia ustroistv energosnabzheniia elektrifitsirovannykh zheleznykh dorog. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soob., 1961. 68 p. (Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy, no. 206)

Problems concerning the normalization of the unit consumption of electric power for railroad traction purposes and analysis of factors affecting this consumption. V. N. Dukhkhanov. Izv. vys. ucheb. zav.; energ. 4 no. 4:45-50 Ap '61.

Technical and economic advantages of remote-controlled power supply systems for electrified railroads. A. N. Pronin. Trudy TSNII MPS no. 209.4-18 '61.

ELECTRIC RAILROADS—EQUIPMENT AND SUPPLIES

Decimicrosecond counter. V. IA. Ovlasiuk, N. D. Sukhoprudskii. Trudy TSNII MPS no. 209:93-97 '61.

Instruments for the inspection and tuning of remote control equipment. V. IA. Ovlasiuk, N. D. Sukhoprudskii. Trudy TSNII MPS no. 209:46-52 '61.

ELECTRIC RAILROADS—SUBSTATIONS

Methods for designing pickups for the protection circuit of substations. S. D. Sokolov. Trudy TSNII MPS no. 209 67-78 '61.

ELECTRIC RAILROADS—TRAIN SPEED

Effect of traffic density on the speed of trains with electric traction B. M. Maksimovich. Trudy MIIT no 113 117-141 '59

ELECTRIC RAILROADS—WIRES AND WIRING

Cold pressure welding of contact wires. Vest. TSNII MPS 20 no 3:51 '61.

Determining the maximum permissible traffic speed on the basis of current collecting devices. A V. Plaks. Vest. TSNII MPS 20 no. 3:13-17 '61.

ELECTRIC RAZORS see Electric shavers

ELECTRIC RELAYS

Increase in the operational reliability of gas protection. V. F. Radionov. Elek. sta. 31 no. 12:82-83 D '60.

Letter to the editor. V. N. Roginskii. Vest. Mosk. un. Ser. 3 Fiz., astron. 15 no. 6:93-00 N-D '60.

New relays used in production processes. N. N. Skvortsov. Priborostroenie no. 5:23-24 My '61.

Photorelay using semiconductors and its application in the school. K. Aimanov, I. Rumiantsev. Fiz. v shkole 20 no. 2 68-72 Mr-Ap '60.

Photorelays and thermorelays with germanium diods. A. M. Terskikh. Shkola i proizv. 5 no 5 79-82 My '61.

Relay systems with feedback circuits. A. D. Zakrevskii. Uch. zap. TGU no. 36:68-78 '60.

Simplified photorelay circuit. Z. M. Reznikov. Fiz. v shkole 20 no. 2:72 Mr-Ap '60.

ELECTRIC RESISTANCE

Contents of the astronomy course in school. R. V. Kunitskii. P. I. Popov. Fiz. v shkole 20 no. 2:53 Mr-Ap '60.

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 182-55 for checking resistance bases] Instruktsiia 182-55 po poverke izmeritel'nykh magazinov soprotivlenii. Izd. ofitsial'noe Moskva, 1957 36 p.

ELECTRIC RESONATORS

Coefficient of transmission of resonator ferrite devices IU E Lavrenko Izv. vys. ucheb zav., radiotekh. 1 no 2 127-139 Mr-Ap '61

ELECTRIC RESONATORS—TESTING

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 201-57 for checking echo boxes in the decimetric range] Instruktsiia 201-57 po poverke ekho-rezonatorov detsimetrovogo diapazona. Izd. ofitsial'noe. Moskva, 1957. 11 p.

ELECTRIC RHEOSTATS

Rheostat with a "double" load IU Kozlov. Ulin tekh 5 no 1 71 Ja '61.

ELECTRIC SHAVERS see subdivision under Moscow

ELECTRIC SUBSTATIONS

Concerning new schematics for 35/10 kv. electric substations for use in agriculture N M Zul', V. R Kirnusp Elek. sta. 32 no 5:55-57 My '61

Means for simplifying and decreasing the cost of 500 kv step-down substations IU A. IAkub Elek. sta 31 no 12:51-58 D '60

Portable transformer substation in the construction of mines. D. A. Chizhik, T. IA Lachinova. Shakht. stroi. 5 no. 4:26-28 Ap '61

Simplified 110 kv. low-power substation. A. M. Marinov. Energetik 9 no. 5:3-6 My '61.

Tower substation of precast-reinforced concrete. G. Kesel'man, M. Lukin. Sel'. stroi. 15 no. 2:12-13 F '61.

ELECTRIC SWITCHGEAR

The BVP nonpolar quick-break switch. N. M. Novogrenko, L. N. Kirbiat'ev, I. T. Zastavnoi Biul. tekh.-ekon informa. no. 4:43-45 '61.

Change in the pipe sealing system in VVN-type 110 kv switches V L Zemtsov Elek sta 31 no 12:80-81 D '60

Increasing the power factor in electrometallurgical and electrochemical enterprises by means of switching devices R I Shindel'man. TSvet met 34 no 5 29-36 My '61

New diagram for automatic cutting-off of a conveying worm. IU. A. Akimov. Bezop. truda v prom. 4 no. 5 28 My '60.

New transistor switching circuits. V. IA. Ovlasiuk. Trudy TSNII MPS no. 209:79-92 '61.

Reversible commutator using transistors and ferrites V. IU Reutskyi, M V. Kovalskyi. Avtomatyka no 1 75-77 '60.

ELECTRIC TESTING—EQUIPMENT AND SUPPLIES

Apparatus for determining the efficiency of reductors B. A. Kuznetsov. Izv. vys. ucheb. zav., gor. zhur. no 3 105-109 '60

ELECTRIC TRANSFORMERS
(see also subdivision under Zaporozh'ye)

The AK-1 combined device. IU. I. Gorlunov. Bezop. truda v prom. 5 no. 5.30-31 My '61.

ELECTRIC TRANSFORMERS—REPAIRING

Preservation of insulator flanges. IU. P. Kabirovskii. Energetik 9 no. 5:26 My '61.

ELECTRIC TRANSFORMERS—TESTING

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 183-54 for checking apparatus used in testing instrument transformers] Instruktsiia 183-54 po poverke apparatov, sluzhashchikh dlia poverki izmeritel'nykh transformatorov. Izd. ofitsial'noe. Moskva, 1957. 47 p.

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 193-55 for checking instrument transformers] Instruktsiia 193-55 po poverke izmeritel'nykh transformatorov. Izd. ofitsial'noe, Moskva, 1957. 31 p.

ELECTRIC TRANSFORMERS—TRANSPORTATION

Use of coupled trailers for transporting heavy electric transformers. P. I. Drozdov. Energetik 9 no. 5:24-25 My '61.

ELECTRIC WELDING
(see also subdivision under Gomel')

Automatic argon-arc welding of aluminum and its alloys. N. N. Skvortsov. Mashinostroitel' no. 5:7 My '60.

Calorimetric determination of the bath temperature in electric slag processes.. G. A. Pertsovskii. Svarka 2: 158-162 '59.

Electric welding should be used in rural areas too. A. TSyganov. Mol. komm. no 5:41-44 My '61.

Industrial experience in the introduction of electric slag edge surfacing of large structural shells. P. N. Rukhlin, G. A. Pertsovskii. Svarka 2 163-173 '59.

ELECTRIC WELDING (Continued)

Nikitin, V. P. [Selected works] Izbr. trudy. Moskva, Izd-vo Akad. nauk SSSR, 1961. 430 p.

Remote control of current intensity during electric welding. V. Pulikov. Rech. transp. 19 no. 2:43 F '60.

Semiautomatic welding with magnetic ceramic flux. A. V. Nomtsev. Avtom. svar. 14 no. 5:86-90 My '61.

Using VSS-300 straighteners in welding. V. P. Tatan. Mekh. stil'. hosp. 12 no. 6:24-26 Je '61.

Welded constructions of the future. G. V. Raevskiy. Znan. ta pratsia no. 3:14-15 Mr '61.

ELECTRIC WELDING—DEFECTS

Crystallization cracks in welding. N. I. Lashko, S. V. Lashko-Avakian. Avtom. svar. 14 no. 6:37-46 Je '61.

Formation of a segregation line in resistance-butt welding. A. M. Dzhafarov. Azerb. neft. khoz. 40 no. 3:41-45 Mr '61.

ELECTRIC WELDING—EQUIPMENT AND SUPPLIES

Automatic machine for making ring welds on thin-walled objects with a horizontal axis of rotation. G. P. Dubenko, V. S. Mechev. Avtom. svar. 14 no. 5:55-58 My '61.

Characteristics of the electric slag welding of modified, 12-percent heat resistant, chromium steels. A. N. Safonnikov. Avtom. svar. 14 no. 5:59-60 My '61.

Committee on Welding Materials. I. I. Pokhodnia, R. M. Kulish. Avtom. svar. 14 no. 6:95-96 Je '61.

Device for one half-cycle resistance welding and avoidance of the direct component. V. S. Gavrish. Avtom. svar. 14 no. 5:74-78 My '61.

Diagram of a pulsation-resonance capacitor for seam welding of thin metals. I. V. Pentegov. Avtom. svar. 14 no. 5:43-48 My '61.

Effect of compounding on the characteristics of a synchronous generator in a movable electric station for resistance welding. F. I. Kisliuk, I. A. Shmeleva, G. N. Petrov. Avtom. svar. 14 no. 5:67-73 My '61.

Electron-beam welding guns. O. K. Nazarenko. Avtom. svar. 14 no. 6:31-36 Je '61.

Equipment for precision electron-beam welding of high-melting metals and alloys. V. V. Gorbanskii, I. V. Shubin, A. F. Khudyshev. Avtom. svar. 14 no. 6:21-30 Je '61.

Ferromagnetic converter with Hall transducer for measuring secondary currents in resistance welding. A. P. Gul'denbal'k, M. P. Zaitsev. Avtom. svar. 14 no. 5:49-54 My '61.

New welding equipment. Metallurg 6 no. 6:39 Je '61.

Semiautomatic unit for welding worms. NTO 3 no. 5:61 My '61.

Use of PS-500 single operator welding transformers for the feeding of two-arc equipment. D. G. Dubinskii. Avtom. svar. 14 no. 6:73-74 Je '61.

Welding rectifier with elastance and drooping characteristics. B. A. D'iachkov, M. I. Zaks, A. L. Ryvkin. Avtom. svar. 14 no. 6:63-72 Je '61.

ELECTRIC WELDING—TECHNOLOGICAL INNOVATIONS

Auxiliary welding equipment for over-all mechanization welding processes. L. A. Zhivotinskii. Mekh. i avtom. proizv. 15 no. 5:19-23 My '61.

ELECTRIC WIRE

Compensation of the nonlinearity of the ohmic resistance of wires using a method which involves stretching of the wires. G. I. Smilianskii. Izv. vys. uchob. zav., radiotekh. 4 no. 2:207-209 Mr-Ap '61.

ELECTRIC WIRE—WELDING

Thermite welding of pipes. Zhil.-kom. khoz. 11 no. 2:33 F '61.

ELECTRIC WIRE AND CABLE INDUSTRY—FIRES AND FIRE PREVENTION

Prevention of fire hazards in enameling furnaces. M. Volodin. Pozh. delo 7 no. 5:9-10 My '61.

ELECTRIC WIRING—EQUIPMENT AND SUPPLIES

Devices and instruments for electrical work. Sel'. stroi. 15 no. 3:19 Mr '61.

ELECTRIC WIRING, INTERIOR

Use of rubber-bitumen pipes for concealed electric wiring. Elek. sta. 32 no. 5:94 My '61.

ELECTRICITY

Interesting facts about electricity. IU. Sokolovskii. Znan. ta pratsia no. 6:31 My '61.

Telesnin, R. V., and V. F. Iakovlev. [Course in physics; electricity] Kurs fiziki; elektrichestvo. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 455 p.

ELECTRICITY, INJURIES FROM

Comparative anticonvulsant activity of phenothiazine derivatives in experimental electric shock [with summary in English]. K. S. Raevskii. Biul. eksp. biol. i med. 51 no. 2:64-68 F '61.

Injuries from electricity at logging enterprises. A. P. Tiskina. Fel'd. i akush. 26 no. 5:24-28 My '61.

ELECTRICITY IN AGRICULTURE
(see also subdivision under Ukraine)

A [illegible] ikova. [illegible] entific [illegible] a.

Pod red. M. E. Matsepuro. Minsk, Izd-vo Akad. sel'khoz. nauk BSSR, 1959. 199 p.

Economic basis of methods for mechanizing work on stockbreeding farms. M. I. Gorlachkin. Dokl. i soob. VNIESKH no. 8:151-168 '60.

Electric power in the service of agriculture. I. Smirnov. Tekh. v sel'khoz. 20 no. 1:27-29 Ap '60.

Electrification and technological progress in agriculture. S. Shchurov. Vop. ekon. no. 5:24-35 My '61.

Experience in increasing the voltage of rural electric networks. F. M. Lernei. Mekh. sil'. hosp. 12 no. 6:24 Je '61.

Great program for farm electrification. D. T. Komarov. Mekh. sil'. hosp. 12 no. 6:23-24 Je '61.

ELECTRICITY IN MINING

Automation and telemechanics in central mine substations in coal mines. L. I. Poltava, V. I. Fursov. Izv. vys. ucheb. zav.; gor. zhur. no. 11:92-98 '59.

Circuits for connecting semiconductor rectifiers on high-frequency electric locomotives in coal mines. N. A. Starokol'skii. Izv. vys. ucheb. zav.; elektromekh. 3 no. 12:80-87 '60.

Practical electric supply system for mining enterprises. A. E. Trop. Izv. vys. ucheb. zav., gor. zhur. no. 3:134-135 '60.

ELECTRICITY ON SHIPS

Device for synchronizing generators of alternating-current power plants on ships [from "Schiff und Hafen," no. 10, 1959]. G. A. Meleshkin. Mor. flot 21 no. 5:38-42 My '61.

ELECTRIFICATION

Basis of success. P. S. Nepotozhnii. Nauka i zhizn' 27 no. 1:14-15 Ap '60.

Carrying the banner of Lenin's plan for electrification. Elek. sta. 31 no. 12:2-5 D '60.

Decisive stage. I. T. Novikov. Nauka i zhizn' 27 no. 1:3-5 Ap '60.

Development rates and organization of the electric power economy. A. Stepankov. Vop. ekon. no. 5:19-26 My '61.

"Electrification of the U. S. S. R. during the period of expanded communist construction" by V. IU. Steklov. Nauka i zhizn' 27 no. 4:76 Ap '60.

The 40th anniversary of the plan of the State Committee for the Electrification of Russia. Ist. SSSR 5 no. 3:229-230 My-Je '61.

From the plan of the State Commission on the Electrification of Russia to the seven-year plan. S. F. Shershov. Fiz. v shkole 20 no. 2:5-14 Mr-Ap '60.

Light triumphed over darkness. A. Lykov. Komm. Bel. 34 no. 4:38-43 Ap '60.

One kilowatt-hour. Nauka i zhizn' 27 no. 4:16 Ap '60.

Relay protection and automatic control in the electrification of the nation. F. D. Zeilikzon. Elek. sta. 31 no. 12:17-19 D '60.

Role of hydroelectric power stations in the electrification of the U. S. S. R. I. I. Kandalov. Elek. sta. 31 no. 12:9-12 D '60.

Second component. Iun. tekh. 5 no. 1:10-11 Ja '61.

Significant dates pertaining to Lenin's plan of electrification. Gidr. stroi. 30 no. 5:17 My '60.

The story of an author's gift copy. E. Podvigina. Novyi mir 36 no. 4:210-213 Ap '60.

ELECTRIFICATION—CONGRESSES

Conference dedicated to the 40th anniversary Commission for the Electrification of Ru Trofimovskaia. Vest. Mosk. un. Ser. 5 G 75-76 My-Je '61.

ELECTRIFICATION, RURAL. see Rural el

ELECTROCARDIOGRAPHY

Cardiologarithmic rule. V. G. Zhukov. [illegible] UrGU no. 31:37-39 '59.

Characteristics of electrocardiographic changes in experimental atherosclerosis in dogs during prolonged observation [with summary in English]. S. I. Serov. Biul. eksp. biol. i med. 50 no. 7:37-42 Jl '60.

Condition of the heart in lead industry workers as revealed by electrocardiographic data. B. A. Atchnbarov, A. G. Adyikhaev. Trudy Inst. kraev. pat. AN Kazakh. SSR 8:159-166 '60.

Electrocardiographic changes in rabbits in acute radiation sickness produced by radiations emitted by the 25 Mev betatron. V. P. Polkovnikova. Med. rad. 6 no. 3:26-30 '61.

Influence of hypoxic hypoxia and of low barometric pressure on the human electrocardiogram [with summary in English]. V. N. Alifanov. Biul. eksp. biol. i med. 50 no. 10:20-34 O '60.

Involution of experimental cholesterol atherosclerosis in dogs [with summary in English]. A. N. Fedoseev. Biul. eksp. biol. i med. 50 no. 10:58-61 O '60.

Mechanism of Adams-Stokes seizures. P. M. Zlochevskii, A. M. Zal'mumina. Klin. med. 39 no. 5:125-133 My '61.

Pathogenesis of a shortened P-R interval with deformation of the ventricular complex on the electrocardiogram [with summary in English]. K. Zamfir, M. Pretorian, A. Ivonescu. Terap. arkh. 31 no. 1:70-76 Ap '59.

Phonoelectrocardiograph. D. Mentikashvili. Nauka i zhizn' 27 no. 4:68 Ap '60.

Synchronized electro-, phono- and ballistocardiographic registration with the aid of an industrial electromagnetic oscillograph MPO-2. I. N. Gorbacheva, I. A. Vel'tman, III. A. Panfilov. Terap. arkh. 33 no. 1:87-88 '61.

ELECTRODES

Physicochemical processes in ceramic welding fluxes and electrode coatings on a marble-fluorite slag basis. IU. D. Biushtyva. Svarka 2:95-108 '59.

ELECTRODES, DROPPING MERCURY

Current-time curves in the reduction of anions on a dropping electrode. A. N. Frumkin, O. A. Petrii, N. V. Nikolaeva-Fedorovich. Dokl. AN SSSR 136 no. 5:1158-1161 F '61.

ELECTRODES, GLASS

Determination of sodium in aluminum alloys with the aid of a sodium glass electrode. R. S. Cherniak. Zav. lab. 27 no. 5:536-537 '61.

Vertical automatic device for the preparation of glass micro electrodes. A. A. Marinichev. Fiziol. zhur. 47 no. 3:398-401 Mr '61.

ELECTRODES, MERCURY

Adsorption of anions of aliphatic sulfonic acids on the mercury electrode, and effect of these anions on the kinetics of electrode processes [with summary in English]. B. B. Damaskin, N. V. Nikolaeva-Fedorovich, R. V. Ivanova. Zhur. fiz. khim. 34 no. 4:894-906 Ap '60.

ELECTRODES, PLATINUM

Concerning the article by A. Mituya and T. Obayashi "Disintegration of the platinum anode in acid solutions." A. N. Frumkin. Zhur. fiz. khim. 34 no. 4:931 Ap '60.

Polarographic determination of silver on a platinum electrode. I. A. Kedrinskii. Zav. lab. 27 no. 5:538-540 '61.

ELECTRODIALYSIS

Identification of nucleic acid components by electrodialysis combined with circular paper chromatography [with summary in English]. E. K. Klimova, B. D. Bolgova, A. T. Astvatsatur'ian. Biokhimiia 26 no. 2:221-224 Mr-Ap '61.

Using electrodialysis for the study of trace elements in coals. V. M. Ershov. Trudy Gor.-geol. inst. UFAN SSSR no. 32:231-243 '59.

ELECTROENCEPHALOGRAPHY

Activating influence of continuous illumination on the subsequent reproduction of the rhythm of flickering light by the human brain. V. A. Il'ianok. Dokl. AN SSSR 138 no. 3:728-732 My '61.

Age factors in the electrical activity of the brain in children and adolescents [with summary in English]. L. A. Novikova. Zhur. vys. nerv. deiat. 11 no. 1:60-70 Ja-F '61.

Antagonistic effect of cholinomimetic and central cholinolytics on the bioelectrical activity of the rabbit brain. P. P. Denisenko. Fiziol. zhur. 47 no. 3:160-168 F '61.

Change in the electrical activity of the brain and the "thermoregulatory tonus" of muscles in hypoxia. K. P. Ivanov. Fiziol. zhur. 47 no. 2:210-216 F '61.

[illegible] reflexes in man [with summary in English]. Tsiui Chzhi-pin, [Chü Chih-p'ing]. Biul. eksp. biol. i med. 49 no. 2:8-14 F '60.

Effect of diprazine on the electrical activity of the brain [with summary in English]. R. IU. Il'iuchenok, R. U. Ostrovskaia. Farm. i toks. 24 no. 1:18-22 Ja-F '61.

Effect of sleep deprivation on the electrical activity and other indices of the activity of the animal brain. G. I. Feldman. Fiziol. zhur. 47 no. 2:160-177 F '61.

Electrocorticographic representation of chemical changes in the internal environment of the organism. N. E. Vasilevskaia. Fiziol. zhur. 47 no. 3:310-315 Mr '61.

Electroencephalography in otogenous abscesses of the brain and meningitis [with summary in English]. M. I. Garshin. Zhur. ush., nos. i gorl. bol. 20 no. 1:55-59 Ja-F '60.

Encephalography during operations on the heart and major vessels. N. G. Roslavleva. Khirurgiia 37 no. 5:21-28 My '61.

ELECTROENCEPHALOGRAPHY (Continued)

Neurohormonal factors in the development of sleep [with summary in English]. A. V. Tonkikh. Zhur. vys. nerv. deiat. 10 no. 2 285-290 Mr-Ap '60.

Paroxysms of slow waves on the electroencephalogram of a patient with hypertension. L. I. Il'ina, S. S. Enukidze. Klin. med. 39 no. 5 31-36 My '61.

Participation of the cholino- and adrenoreactive systems of the reticular formation of the mesencephalon in the activation reaction of the cerebral cortex. P. P. Denisenko. Fiziol. zhur. 47 no. 5 551-558 My '61.

Photogenic epilepsy (ambulatory observations) [with summary in French]. I. M. Savich. Zhur. nevr. i psikh. 60 no. 11,1482-1493 '60.

Reactions of cerebral electrical activity in response to a flickering light coinciding with the range of α-rhythm frequency [with summary in English]. N. N. Danilova. Zhur. vys. nerv. deiat. 11 no. 1.12-21 Ja-F '61.

Reflection in the electroencephalogram of the inhibitory effect of the second signal system on the final motor effect [with summary in English]. O. M. Grindel', B. G. Spirin. Zhur. vys. nerv. deiat. 10 no. 2:180-188 Mr.

Relationship between central and peripheral cholinolytic effects of certain complex esters of diethylaminoethanol and aromatic acids [with summary in English]. P. P. Denisenko. Biul. eksp. biol. i med. 51 no. 3:72-76 Mr '61.

Spatial distribution of bioelectric activity in the cerebral cortex of man and animals [with summary in English]. K. K. Monakhov. Biul. eksp. biol. i med. 50 no. 10:23-28 O '60.

Studies on trace electroencephalographic changes in men during the formation of motor conditioned reflexes [with summary in English]. Tsui Chzhi-pin [Tsui Chih-p'ing]. Biul. eksp. biol. i med. 51 no. 3 28-32 Mr '61.

Technic for a numerical evaluation of the features of the electroencephalogram. V. V. Usov. Fiziol. zhur. 47 no. 5 665-666 My '61.

Temporal epilepsy [with summary in French]. V. Ionescu. Zhur. nevr. i psikh. 60 no. 11:1474-1181 '60.

ELECTROENCEPHALOGRAPHY—EQUIPMENT AND SUPPLIES

Simple method for filling glass microelectrodes with electrolyte. A. M. Melekhova. Fiziol. zhur. 47 no. 2: 273-275 F '61.

ELECTROLYSIS

Bipolar action of a wire diaphragm in electrolyzers used for preparing metallic sodium from low-melting chloride electrolytes. K. IA. Grachev, E. I. Adaev. Zhur. prikl. khim. 33 no. 10:2368-2371 O '60.

Dynamics of chlorine and magnesium in the electrolysis of fused chlorides. E. A. Ukshe, G. V. Poliakova, G. A. Medvetskaia. Zhur. prikl. khim. 33 no. 10:2279-2284 O '60.

Effect of electrolysis conditions on the formation and growth of anodic oxide films on aluminum [with summary in English]. F. P. Zaitsev, M. N. Tikina, N. D. Tomashov. Zhur. fiz. khim. 35 no. 4:879-886 Ap '61.

Electrolysis of manganese salts with a mercury cathode. G. N. Babkin. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 2:253-257 '61.

Periodic effects in the anodic dissolution of copper in phosphoric acid [with summary in English]. V. A. Dmitriev, E. V. Rzhevskaia. Zhur. fiz. khim. 35 no. 4:871-878 Ap '61.

Using automatic compensators in controlling electric parameters of electrolytic series. R. V. Melikiants, B. V. Rabinovich. Sbor. mat. po avtom. proizv. prots. i disp. no. 5 94-100 '60.

X-ray investigation of phase transformations in the electrolytic precipitates of manganese. V. P. Moiseev, O. S. Popova. Fiz. met. i metalloved. 9 no. 4:584-588 Ap '60.

ELECTROLYTE METABOLISM

Effect of euphyllin on the urinary excretion of water and electrolytes in patients with circulatory insufficiency. G. S. Chudnovskii. Klin. med. 39 no. 5:98-105 My '61.

Nervous regulation of the water and salt metabolism in animals. Z. T. Tursunov. Med. zhur. Uzb. no. 11:42-45 N '60.

ELECTROLYTE SOLUTIONS

Studying the viscosity and density of formation waters and binary electrolytic solutions under conditions of various temperatures and pressures. V. I. Sergeevich, T. P. Zhuze. Trudy Inst. geol. i razrab. gor. iskop. 2:104-112 '60.

ELECTROLYTES

Evaluation of the various methods for determining the throwing power of electrolytes from the standpoint of the theory of similitude. N. P. Gnusin. Zhur. prikl. khim. 33 no. 10:2268-2278 O '60.

Measure of the throwing power as determined by a metal. N. P. Gnusin. Zhur. prikl. khim. 33 no. 10: 2364-2365 O '60.

Ultrasonic absorption in electrolytes. M. I. Shliomis. Akust. zhur. 6 no. 1.116-119 '60.

ELECTROLYTES—THERMAL PROPERTIES

Concerning the most rational approaches to the specific heat properties of aqueous solutions of electrolytes [with summary in English]. A. P. Rutskov. Zhur. fiz. khim. 34 no. 4:734-741 Ap '60.

ELECTROLYTIC POLISHING

Chemical polishing of aluminum. V. A. Dmitriev. Mashinostroitel' no. 5 14 My '61.

Polishing steel with a jet of an electrolyte. E. IU. IUganson. Mashinostroitel' no. 5:32-34 My '60.

ELECTROLYTIC REDUCTION see Reduction, Electrolytic

ELECTROMAGNETIC PROSPECTING

Feasibility of directed electromagnetic soundings. G. V. Melochnov. Izv. AN SSSR. Ser. geofiz. no. 6:915-916 Je '61.

ELECTROMAGNETIC WAVES

Boundary value problem of electromagnetic wave propagation in a spherically laminar anisotropic dissipative medium. P. E. Krasnushkin. Dokl. AN SSSR 136 no. 4: 813-816 Je '61.

Electron beam in a coaxial spiral line with an anisotropic magnetodielectric medium. V. P. Shestopalov, B. V. Kondrat'ev, V. A. Sliusarskii. Izv. vys. ucheb. zav., radiotekh. 4 no. 2:155-164 Mr-Ap '61.

Speeding up the hardening process of gypsum plaster in building by the action of low-frequency electromagnetic fields. IU. N. Vorshinin. Stroi. mat. 7 no. 4 34-35 Ap '61.

ELECTROMAGNETIC WAVES—DIFFRACTION

Diffraction of a scalar wave on a slit and a circular aperture in a screen of arbitrary thickness. M. V. Butrov. Akust. zhur. 6 no. 1:16 '60.

ELECTROMAGNETISM

Electromagnetic field in a three-component medium with cylindrical symmetry. Z. G. Kaganov. Izv. Sib. otd. AN SSSR no. 3:3-11 '61.

New "skills" of the magnetic field. IA. Zvorono. Znan. sila 36 no. 5:43 My '61.

ELECTROMAGNETS

Making steel in electric arc furnaces with electromagnetic mixing of the bath [with summary in English]. S. M. Gnuchev and others. Stal' 21 no. 6: 519-522 Je '61.

ELECTROMECHANICAL ANALOGIES

Conference on using electromechanical analogies in solving problems in structural mechanics, resistance of materials, and theory of elasticity. O. V. Luzhin. Strot. mekh. i raschet. soor. 2 no. 2 3 of cover '60.

ELECTROMETALLURGY

Increasing the power factor in electrometallurgical and electrochemical enterprises by means of switching devices. R. I. Shindel'man. TSvet. met. 34 no. 5 29-36 My '61.

ELECTROMETALLURGY—HYGIENIC ASPECTS

Improvement of work conditions in the electrolytic production of aluminum. L. A. Bugarev. TSvet. met. 34 no. 5-37-41 My '61.

ELECTROMOTIVE FORCE

Potentials of complex amalgams. A. I. Zebreva. Zhur. fiz. khim. 35 no. 4,948-949 Ap '61.

Stationary potentials of zinc and zinc amalgam in sulfate solutions containing variable quantities of zinc ions and hydrogen ions. V. I. Kravtsov, A. F. Ermolova. Dokl. AN SSSR 136 no. 5,1146-1149 F '61.

ELECTROMYOGRAPHY

Comparison of the skeletal peculiarities of the lower extremities in athletes with the electrophysiological properties of the muscles [with summary in English]. P. N. Sokolov, E. K. Zhukov, IU. Z. Zakhar'iants. Arkh. anat. gist. i embr. 40 no. 2 42-48 F '61.

Electromyographic analysis of changes in the function of the respiratory musculature following resistance to respiration before and following section of the vagus nerve [with summary in English]. Ia' Chi-chzhan [Yin Ch'ih-chang]. Biul. eksp. biol. i med. 50 no. 10:34-40 O '60.

ELECTRON BEAMS

Electron beam in a coaxial spiral line with an anisotropic magnetodielectric medium. V. P. Shestopalov, B. V. Kondrat'ev, V. A. Sliusarskii. Izv. vys. ucheb. zav.; radiotekh. 4 no. 2:155-164 Mr-Ap '61.

Kinematic theory on the formation of very short electron concentrations using klystron-type shaping devices. D. A. IAkovlev. Izv. vys. ucheb. zav.; radiotekh. 4 no. 2:198-203 Mr-Ap '61.

ELECTRON DIFFRACTION EXAMINATION

Electron diffraction study of the structure of thin films of indium selenide. S. A. Semiletov. Fiz. tver. tela 3 no. 3:748-753 Mr '61.

Electronographic investigation of iron-carbon alloys of variable composition prepared with use of electron bombardment. L. S. Palatnik, G. V. Fedorov, A. G. Ravlik. Fiz. met. i metalloved. 11 no. 2:236-239 F '61.

Electronographic investigation of metastable phases in Au-Sb, In-Sb, In-Bi, In-Bi-Sb alloys. L. S. Palatnik, V. M. Kosovich, L. V. Tyrina. Fiz. met. i metalloved. 11 no. 2:228-235 F '61.

Mineralographic and X-ray diffraction examination of carbonaceous chondrites found in Migiya, Staroe Boriskino and Groznaya. I. A. IUdin, N. F. Obotnin. Meteoritika no. 20.163-170 '61.

Preparation of single-crystal films. N. G. Nifontov. Izv. AN SSSR Ser. fiz. 25 no. 5,651 My '61.

ELECTRON EMISSION, SECONDARY see Secondary electron emission

ELECTRON GAS

Magnetic susceptibility of relativistic electron gas. A. A. Rukhadze, V. P. Silin. Zhur. eksp. i teor. fiz. 38 no. 2 615-616 F '60.

ELECTRON MICROSCOPY

Electron microscope examination of onion mosaic viruses [with summary in English]. A. F. Protsenko, R. M. Legunkova. Mikrobiologiia 30 no. 1 165-167 Ja-F '61.

Electron microscope studies of polymorphism in myxoviruses. Report No. 2: Threadlike bodies and polymorphic chains in parotitis virus cultures [with summary in English]. V. M. Alekseeva. Zhur. ob. biol. 22 no. 2:149-151 Mr-Ap '61.

Electron microscope study of some human and animal tumors [in Azerbaijani with Russian summary]. T. G. Gasanov. Azerb. med. zhur. no. 4:118-120 Ap '60.

Preparation of thin plates for the study of metals by means of a transmission electron microscope. M. I. Longinov, V. A. Zvereva. Zav. lab. 27 no. 5 550-551 '61.

Results of electron microscope studies on the particle morphology of the tobacco mosaic virus. G. S. Nikiforova. Dokl. AN SSSR 138 no. 2:454-455 My '61.

Some data from electron microscope investigations of the ultrastructure of the peripheral nerve fibers in the frog. V. L. Borovyagin. T'Sitologiia 2 no. 2 138-143 Mr-Ap '60.

Study of gas adsorption on metals by means of a field emission microscope. I. I. Tret'iakov. Probl. kin. i kat. 10:164-168 '60.

ELECTRON TUBES

Structure of the active coating of grids of vacuum tubes with oxide-coated cathodes. M. D. Malev. Nauch. dokl. vys. shkoly, radiotekh. i elektron. no. 2 350-362 '59.

Thermionic emission from the grid of vacuum tubes with oxide-coated cathodes. M. D. Malev. Nauch. dokl. vys. shkoly, radiotekh. i elektron. no. 2 336-349 '59.

ELECTRONIC ANALOG COMPUTERS

Designing device for the storage and readout of sines and cosines. G. G. Menshikov, L. M. Rakhovich. Izv. vys. ucheb. zav., prib. 4 no. 2:67-71 '61.

ELECTRONIC APPARATUS AND APPLIANCES

Compensation of the nonlinearity of the ohmic resistance of wires using a method which involves stretching of the wires. G. L. Smilianskii. Izv. vys. ucheb. zav., radiotekh. 4 no. 2:207-209 Mr-Ap '61.

Electronic control of cutters (from "Veneers and Plywood," 54 no. 1, 1960). Der. prom. 10 no. 3:31-32 Mr '61.

ELECTRONIC CALCULATING MACHINES

Efficient selection of adjusting elements and the effect of measurement errors on the precision of adjustment. I. Sh. Pinsker, A. E. Dorogov. Trudy Inst. mash. Sem. po toch. v mash. i prib. no. 15:45-55 '61.

Electric circuits for integrating the equation $y^{IV} - 2r^2y'' + q^4y = q$. G. E. Pukhov, V. M. Samus'. Izv. vys. ucheb. zav., elektromekh. 3 no. 12,20-25 '60.

Establishment of traffic schedules by means of electronic calculating machines. D. Volovoi, V. Il'in. Rech. transp. 20 no. 3 15-17 Mr '61.

Improvement and automation of adjustment processes in computers. A. E. Dorogov. Trudy Inst. mash. Sem. po toch. v mash. i prib. no. 15:56-67 '61.

Introduce electronic calculating machines in the chemical industry. M. Neimer. Nar. khoz. Kazakh. 19 no. 5,84-85 My '61.

Plotting electronic devices for the solution of algebraic equations. P. A. Matevosian. Trudy Inst. mash. Sem. po toch. v mash. i prib. no. 15:34-44 '61.

Some constructions in the logic set of one-digit predicates. B. A. Trakhtenbrot. Dokl. AN SSSR 136 no. 2.320-321 My '61.

Using multiplying circuits for automatic determination of the content of solids in dressing products. V. P. Antipenkov, B. V. Rabinovich, IU. R. Sevumian. Sbor. mat. po avtom. proizv. prots. i disp. no. 5 34-42 '60.

ELECTRONIC CALCULATING MACHINES—PROGRAMMING see Programming (Electronic computers)

ELECTRONIC CONTROL

Experimental investigation of an automatic improvement system with a stabilizing regulator as the improvement agent. V. M. Ordyntsev. Priborostroenie no. 5: 24-27 My '60.

Potentiometer-type servomechanisms with a dynamic error compensation. A. A. Vavilov, A. A. Bozvikonnyi, E. V. Sergeev. Izv. vys. ucheb. zav. prib. 4 no. 2:58-66 '61.

ELECTRONIC CONTROL (Continued)

Using automatic compensators in controlling electric parameters of electrolytic series R. V. Melikiants, B V Rabinovich Sbor mat po avtom proizv prots i disp no 5 94-100 '60

ELECTRONIC DIGITAL COMPUTERS

Using electronic digital computers in an approximate method for obtaining conformal mappings A L. Kudriavtsev Prikl mat i mekh 24 no 2 290-292 Mr-Ap '60

ELECTRONIC INDUSTRIES see subdivision under Sumy

ELECTRONIC INSTRUMENTS

Classification of digital measuring instruments. M. P. TSapenko. Izm. tekh. no. 5 32-35 My '61.

Delta quantization of readings of recording instruments in time measurements. A. G. Fleor. Izm. tekh. no. 5: 10-12 My '61.

Device for measuring amplitude and phase frequency characteristics K. I Kurakin. Priborostroenie no 5: 10-12 My '60

Electric measurement of the backlashes of kinematic linea A. A. Bessonov, N. M. Globin. Izv. vys. ucheb. zav. ;prib. 4 no. 2;35-42 '61.

Electronic correlograph for acoustical measurements N. N. Pisarevskii Prom aerodin no 18:65-79 '60

Electronic percentmeter for measuring and recording changes in the resistance Z =R+JX or conductivity Y =G+JB of electrolytes and semiconductors [with summary in English]. V. A. Ročbon. Zhur. fiz. khim. 35 no. 4:934-938 Ap '61.

Errors in measurements and the range of the instrument equipped with an autodyne reflecting clystron in investigating secondary emission. E. K. Alakhov. Izv. vys. ucheb. zav. ;prib. 4 no. 2:10-13 '61.

Evaluating the precision of a modulation phase monitor of a 90° phase shift. IU. A. Skripnik. Izv. vys. ucheb. zav. ;prib. 4 no. 2:27-34 '61.

Instrument operated on an autodyne reflecting klystron for measuring secondary emission. S. I. Zilitinkevich and others. Izv. vys. ucheb. zav. ;prib. 4 no. 2:3-9 '61.

Investigating errors of a digital ratio-logarithm meter. N. D. Kurtev, D. IA. Svet. Izv. vys. ucheb. zav. prib. 4 no. 2:43-51 '61.

Low-frequency vibrometer with a liquid seismic mass. V. V. Noshukaitis, S. E. Val'teris. Izm. tekh. no. 6: 18-21 Je '61.

The PR-150 noncontact radioactive densimeter E IA. Ovcharenko, U. I. Kotik, L. I Fainberg Sbor. mat po avtom proizv prots. i disp no 5 5-18 '60

Recording meter for measuring the energy of single microsecond pulses. L. B. Leont'ev, V. I. Magda, S. M. Fertik. Izv. vys. ucheb. zav. ; prib. 3 no. 1:26-34 '60.

Testing unit for determining parameters of receivers of heat radiation. A. F. Mal'nev, L. S. Kremenchugskii. Izm. tekh. no. 6:26-30 Je '61.

ELECTRONIC MEASUREMENTS

Determining the effective value of voltages varying according to a random law. IA. I. Flid, A. S. Lifshits. Izm. tekh. no. 5:35-38 My '61.

Effect of nonlinear distortions on errors in the measurement of a phase shift between two voltages. B. G. Kaduk. Izm. tekh. no. 6:44-45 Je '61.

Measuring electric vector values. V. G. Pustynnikov, N Kh. Shnitkii. Izm. tekh no. 5:33-35 My '60.

Possibility of using the method of d. c. compensation in measuring the amplitude of the alternating e. m. f. V. A. Kadkin. Izv. vys. ucheb. zav. ; prib. 3 no. 1:45-48 '60.

Unit for testing frame field-strength meters by a standard induction field. V. S. Businov. Izm. tekh. no. 6:46-48 Je '61.

Using electron-ray tracers in controlling technological parameters D. B Kotovich, N. G. Lukianov, V. M. Eigenbrot, Mekh. i avtom. proizv. 15 no. 5:11-14 My '61.

ELECTRONICS—BIBLIOGRAPHY see Bibliography—Electronics

ELECTRONS

Relaxation time of electrons in a high-frequency electromagnetic field and the surface impedance of a metal [with summary in English]. R. N. Gurzhi, M. IA. Azbel'. Zhur. eksp. i teor. fiz. 38 no. 2:524-528 F '60.

Spin-wave theory of magnetic resonance absorption in antiferromagnetic metals. IU. A. Izumov. Fiz. met. i metalloved. 11 no. 5:650-663 My '61.

Temperature effect on the angular correlation of gamma-quanta arising in the annihilation of positrons and electrons in bismuth. I. IA. Dekhtiar, V. S Mikhalenkov Dokl. AN SSSR 136 no. 1:63-65 Ja '61.

ELECTRONS—SCATTERING

Angular dependence of nonelastic electron scattering in metals. A. IA. Viatskin. Fiz. tver. tela 3 no. 3:776-780 Mr '61.

Mechanism of discrete energy losses by electrons in germanium. N. B. Gornyi. Fiz. tver. tela 3 no. 3. 796-790 Mr '61.

ELECTRONS—SPECTRA

Electron spectrum in a polymeric chain A B Almazov Dokl. AN SSSR 138 no 4 863-865 Je '61

ELECTROOSMOSIS

Effect of electroosmotic filtration on gravity filtration. I. N. Donetskaia. Gidr. i mel. 13 no. 5 46-50 My '61.

Some results of the investigation of electroosmosis in Moscow brown coal. R. N. Pitin, G. S. Golovina. Trudy IGI 13:52-60 '60.

ELECTROPHORESIS

Electrophoresis of dionine in the region of the reflexogenic cardiac zone of Zakhar'ina-Geda in chronic coronary insufficiency G K Lavetkii, D. N Smirnova Vop kur , fizioter i lech fiz kul't 26 no 1 62-64 '61

Electrophoresis of platyphylline in the compound treatment of hypertension N A Glagoleva Vop kur , fizioter i lech. fiz. kul't 26 no 1 57-61 '61.

Electrophoretic investigation of serum proteins producing passive anaphylaxis [with summary in English] IU S. Tatarinov. Biokhimiia 25 no 2:306-309 Mr-Ap '60.

Influence on stomach function of some physical methods of treatment (diathermy, novocaine electrophoresis, and paraffin applications). P. K. Lipatova Vop kur , fizioter. i lech fiz kul't 26 no 1 27-31 '61

Method for adrenaline electrophoresis. A. D Golendberg. Vop kur. , fizioter. i lech fiz kul't. 26 no 1 54-57 '61

Method of staining glycoproteids in electrophoregrams (simplified modification). M. B. Sheikman. Lab. delo 7 no. 5:21-22 My '61.

Possibility of obtaining electrophoretically homogeneous serum protein fractions through partition by salts [with summary in English]. A. S. Velynskii, K. Kh. Khadzhiev. Biokhimiia 26 no. 2:217-220 Mr-Ap '61.

Preparation of thin layers of yttrium oxide by means of electrophoresis IA. S. Savitskaia, I. D Orlovskaia Zhur. prikl khim. 33 no 10.2222-2225 O '60

Separation of rare earth elements by continuous electrophoresis Part 2 Separation with the use of ethylenediaminetetraacetic acid. V P. Shvedov, A V Stepanov. Radiokhimiia 2 no. 1.65-67 '60

ELECTROPHYSIOLOGY

Change in the functional condition of peripheral nerves and muscles in the formation of dominance in the spinal cord. Report No. 1: Influence of cerebrospinal dominance on the parameters of excitability in nerve and muscle. F. D. Sheikhon, G. V. Nikishin. Biul. eksp. biol. i med. 50 no. 10:16-23 O '60.

Condition of the sympathetic nervous system and muscular efficiency during a prolonged period following removal of the lung in tuberculosis [with summary in French]. V. P. Gorev. Probl. tub. 38 no. 3:83-88 '60.

Dependence of the skin-galvanic reaction to a direct stimulus on the action on the second signal system [with summary in English]. V. A. Maraev. Zhur. vys. nerv. deiat. 10 no. 2.200-203 Mr-Ap '60.

Effect of β-hydroxy-γ-aminobutyric acid on the bioelectric activity of ganglia of the isolated nerve chain in lepidopterans S. M Vereshchagin, I. A. Sytinskii, V. P. Tyshchenko. Dokl. AN SSSR 136 no. 3:722-724 My '61.

Effect of luminous irradiation on unipolar excitability and recovery of the negative charge in nerves. L. A. Militin. Uch. zap. UrGU no. 31.33-36 '59.

Electrophysiological analysis of the action of antigens on the angioceptors [with summary in English]. A. N. Gordienko and others. Biul. eksp. biol. i med. 49 no. 2: 90-94 F '60.

Electrophysiological expression of changes in the function of the auditory system in the presence of the orientation response A. M. Maruseva. Fiziol. zhur. 47 no. 5:542-550 My '61

Influence of closed pneumothorax on the afferent and efferent pulsation in the nerve conductors of the respiratory apparatus [with summary in English]. M. I. Vinogradova. Biul. eksp. biol. i med. 50 no. 10:40-45 O '60.

Mitogenetic irradiation of the neuromuscular system as a method for analyzing its molecular substrate. Report No. 2: Application of the concept of regulation to the molecular substrate of the muscle in a state of rest [with summary in English]. A. A. Gurvich. Biul. eksp. biol. i med. 50 no. 10:82-86 O '60.

Studying the biocurrents of the kidney. G. I. Nazarishvili. Soob. AN Gruz. SSR 24 no. 1:107-114 Ja '60.

Technic of an electrophysiological study of the vestibulomotor reflex arc in birds. I. V. Orlov Fiziol. zhur. 47 no 5 659-661 My '61.

Technic of implantation of various electrodes into the brain of white rats. IU. N. Bordiushkov. Fiziol zhur 47 no. 2:272-273 F '61.

Thresholds of nerve stimulation with alternating and pulsating direct current of different frequency in electrotonus. L. S Rakhmilevich. Fiziol. zhur. 47 no. 2: 253-257 F '61.

Valuable research on the theory of excitation ["Local protoplasmic reaction and spreading of excitation" by D. N. Nasonov. Reviewed by N. V. Golikov]. Vest. LGU 16 no. 9:149-155 '61.

ELECTROPHYSIOLOGY—EQUIPMENT AND SUPPLIES

New method of fixing electrodes, adjusting their vertical position, and determining the zero coordinate during operation of a stereotaxic apparatus. R. M. Meshcheriskii. Zhur. vys. nerv. deiat. 10 no. 2 301-304 Mr-Ap '60.

Stereotaxic apparatus for introducing electrodes into dog brains. A. IA. Mogilevskii. Zhur. vys. nerv. deiat. 10 no. 2:297-300 Mr-Ap '60.

ELECTROPLATING

Automatic regulation of current density and acidity. N. V. Rumiantsev. Mashinostroitel' no 5:10-12 My '61.

Electrolytic dull finishing of parts. I. A. Zhukov. Mashinostroitel' no. 5 34-35 My '61.

Intensifying electrolytic processes by means of ultrasonic waves L. IA. Popilov. Mashinostroitel' no. 5 45-46 My '61.

Plater is a profession. M. Rumer. Mashinostroitel' no. 5:8 My '61.

Role of self-adjustment in polarization measurements during the electrodeposition of metals [with summary in English]. S. A. Solov'eva, A. T. Vagramian. Zhur. fiz. khim 34 no. 4 754-758 Ap '60

Using ultrasonic waves in electroplating. V. A. Mikhailov. Mashinostroitel' no. 5.47 My '61.

ELECTROSURGERY

Conform diathermodissection of the cervix uteri in precancerous conditions. S. S. Rogovenko Vop. onk. 7 no 2.68-74 '61

ELECTROTHERAPEUTICS

Amplifiers of physiological currents. G. D. Novinskii. Nauka i zhizn' 28 no. 4:77-78 Ap '61.

Influence of galvanization and electrophoresis of miotics on intraocular pressure [with summary in English]. L. E. Chorikchi, L. D. Danchova. Oft. zhur. 15 no. 3: 165-171 '60.

Mechanism of action of Bernard's currents. B. IA. Vil'ner. Dokl. AN SSSR 5 no. 5:226-229 My '61.

Treatment of pains in diseases of the peripheral nerves with modulated currents of low alternating frequency. V. A Eliseev Vop psikh. i nevr no 5:239-247 '59

ELEKTROSTAL'—METALLURGICAL PLANTS

Contributions by efficiency promoters of the "Elektrostal" plant. Metallurg 6 no. 5:37-38 My '61.

ELEKTROSTAL'—TUBERCULOSIS

Epidemiological changes in tuberculosis in the city of Elektrostal Moscow Province [with summary in French]. I. F. Kuropatkin. Probl. tub. 38 no. 3:8-11 '60.

ELEMENTARY EDUCATION see Education, Elementary

ELEPHANTS see subdivision under Caucasus

ELEPHANTS, FOSSIL see subdivision under Bashkiria

ELEVATORS—LAWS AND REGULATIONS

Changes in "Electric equipment of elevators," chapter V-5 of "Rules for the installation of electric systems ", Elek sta. 32 no. 5:94-95 My '61.

ELLIPSOID—MAGNETIC PROPERTIES

Correlation between demagnetization coefficients of homogeneous ellipsoids in a homogeneous field V. A. Bugaiio. Izv. Sib. otd. AN SSSR Geol. i geofiz. no. 1: 106-109 '58.

ELLIPTIC FUNCTIONS see Functions, Elliptic

ELLIS, FRED

Fred Ellis Vitalii Goriaev. Inostr. lit no 4:246-257 Ap '61.

EMBA VALLEY—GEOLOGY

Formation of Triassic structures in the southern Emba Area. IU. S. Kononov. Vest. AN Kazakh SSR 17 no. 4: 72-79 Ap '61.

EMBANKMENTS

Effect of reservoir waves on smooth artificial slopes. IA E. Gugniaev. Trudy Okean kom. 9:104-108 '61

EMBEZZLEMENT

Trial of a dead man V. Shtriker. Sots zakon. 37 no. 4 63 Ap '60.

EMBOLISM

Clinical aspects of camphor (oil) embolisms. S. A. Porov, G. P. Shul'tsev. Klin. med. 39 no. 5:146-148 My '61.

Raevskaia, G. A. [Thromboembolic complications in patients with myocardial infarct] Tromboembolicheskie oslozhnenila u bol'nykh infarktom miokarda. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 131 p. (DNLM)

EMBRYOLOGY

Development of collagen components in embryogenesis. A. A. Tustanovskii and others. Dokl. AN SSSR 138 no 4: 982-985 Je '61.

EMBRYOLOGY (Continued)

Growth and differentiation variations in the early embryogenesis of a rabbit caused by biological preparations [with summary in English] G M Shakhazarov Zhur ob biol 22 no 3 210-219 My-Je '61

"History of embryology in Russia (from the middle of the 18th to the middle of the 20th century)" by L IA Blakher Reviewed by L N Zhinkin Arkh anat gist i embr 40 no 3:99-100 Mr '61

How the use of corn-cutrot silage in the feed ration of ducks affects their embryogeny and hatchability H.S. Kroh, P P Shcherbyna, M.IU Pylypenko. Visnyk sil'hosp nauky 4 no.4 76-81 Ap '61.

Regularity of relative growth as a basic factor in morphological development in late (postembryonal) ontogenesis [with summary in English] V V Hunak Arkh anat gist i embr 40 no 2 3-16 F '61

EMBRYOLOGY—AMPHIBIA

Radiation study of morphogenetic functions of nuclei at the early developmental stage of tailless amphibians A A Neifakh Dokl AN SSSR 136 no 5 1248-1251 F '61

EMBRYOLOGY—BIRDS

Comparative study of the reactivity of the chorion-allantois and the body of the embryo B. M Menkes. Arkh. anat gist i embr 38 no 4 72-76 Ap '60

Early stages of cleavage in the chick embryo [with summary in English]. V.G Bekhtina Arkh. anat gist i embr 38 no 1 77-85 Ap '60

Lactic acid concentration in tissues of a developing chick embryo [with summary in English]. M.N. Poltseva. Biokhimiia 26 no.2:254-258 Mr-Ap '61.

Phagocytic and nephrocytic properties of cartilage during the embryonic period in birds. N. A. Ol'shvang. Uch. zap. UrGU no.31:40-45 '59.

Ragozina, M. N. [Development of the embryo of the domestic chicken in relation to the yolk and membranes of the egg; with tables representing successive stages of development] Razvitie zarodysha domashnei kurlisy v ego sootnoshenii s zheltkom i obolochkami faltsa; s tablitsami posledovatel'nykh stadii razvitia. Moskva, Izd-vo Akad. nauk SSSR, 1961. 143 p. plates.

EMBRYOLOGY—FISHES

Effect of water of various salinity on the survival of sturgeon sperm, eggs, and larvae. B. M Diabkina. Dokl AN SSSR 138 no. 2,492-495 My '61.

Functions of the telomeric part of chromosomes in embryonic mitoses. A A. Prokof'eva-Bel'govskaia. Dokl AN SSSR 138 no 3,688-691 My '61.

Latent differentiation of the material of the acoustic vesicle in the sturgeons Acipenser guldenstadtii and A. stellatus. E. V. Chulitskaia. Dokl AN SSSR 138 no 3:718-721 My '61

EMBRYOLOGY—MOLLUSKS

A serotoninlike substance in the embryogenesis of some gastropods [with summary in English]. G A Bumkov, B. N. Manukhin Zhur ob biol. 22 no 3,226-232 My-Je '61

EMBRYOLOGY—RODENTIA

Effect of roentgen rays on embryogenesis in rabbits [with summary in English] Z. F. Isachenko. Arkh. anat gist i embr 38 no 3:63-71 Mr '60

Pathogenesis of radiation injuries and the reparative processes in rat embryos following irradiation of the female with roentgen rays on the tenth day of pregnancy [with summary in English] E.A Vel'shtrem. Arkh anat. gist i embr. 38 no 3 72-79 Mr '60.

EMBRYOLOGY (BOTANY) see Botany—Embryology

EMBRYOLOGY, HUMAN

"Blastogenesis in man" [in German] by K. Mazanec. Reviewed by R A. Kniazeva, A. G. Knorre Arkh anat gist i embr. 38 no. 3:102-104 Mr '60.

Data on the histotopography of ascorbic acid in some organs of the human embryo [with summary in English] G L. Chentsovskaia. Arkh anat. gist i embr 40 no 2: 28-30 F '61.

Observation on gonad morphology in human embryogenesis. Report No. 1 [with summary in English] S. E. Levina. Zhur ob. biol. 22 no. 3:192-200 My-Je '61

ructure of intramural nerve plexuses of the human alimentary canal during the embryonic period [with summary in English]. N. G. Kolosov. Vest. LGU 16 no. 9:61-71 '61.

INESCU, MICHAEL, 1850-1889

ilry tale motifs in M. Eminescu's poetry of his late eriod. L. I. Kuruch. Uch. zap. Kish. gos. ped. inst. 2:85-97 '59.

OTIONS

hange in the excitability of the cortical nerve centers in children in various emotions [with summary in English]. E. G. Kunasheva. Zhur. vys. nerv. deiat. 10 no. 2:204-206 Mr-Ap '60.

ole of positive emotions in the therapeutic and protective schedule. S. E. Rozenblium. Med. sestra 20 no. 4:48-50 Ap '61.

Stereographic studies on the effect of strong emotional factors on motor activities of the terminal segment of the large intestine. V. G. IAnchev. Fiziparkh 3 no 1 60-65 '61.

EMPHYSEMA, PULMONARY

Ballistocardiographic changes in pulmonary emphysema IU. I. Detsik Klin med. 39 no. 5 111-116 My '61.

Capillary permeability in anthracosis, pulmonary emphysema, and diffuse pneumosclerosis of nonpulvigenic etiology K I Simbirtsakova. Fiziparkh. 33 no 1 12-15 '61

EMPLOYEE VACATIONS see Vacations, Employee

EMPLOYEES, DISMISSAL OF

Discharge of an employee for health reasons. A. Bronina, Okhr. truda i sots. strakh. 4 no. 5:58-59 My '61.

Integration of the judicial practice of the Supreme Court of the R S F S R in labor disputes Sov. iust no 11 16-18 Je '61

Legal consultation. S. Gitkin. Zdrav. Belor. 6 no. 4: 72 Ap '60.

Questions and answers. Sov. potreb. koop. 4 no. 4:62 Ap '60.

EMPLOYEES, TRAINING OF

Engineers get acquainted with new techniques. N. Fomin. Kozh.-obuv. prom. 3 no. 4,39 Ap '61.

Let's supply local industry with trained personnel. I Chumdokov. Sov. deput. trud. no. 6 15-20 Je '61.

EMPLOYEES' BUILDINGS AND FACILITIES

Temporary sanitation structures Stroitel' no 4 18-19 Ap '61.

EMULSIFYING AGENTS

Disproportionation of rosin on fixed bed catalysts for the purpose of obtaining emulsifying agents used in the manufacture of butadiene-styrene rubbers M. S. Nemtsov, M. I. Ryskin Kauch i rez. 20 no. 1 7-15 Ap '61.

EMULSIONS

Breaking of gelatinized emulsions with monohydroxy alcohols. V. I Borisikhina, S. G. Mokrushin, L. D. Skrylev. Zhur. prikl khim. 34 no. 3 628-631 Mr '61.

ENAMEL AND ENAMELING

IUkalov, I. N. [Steel and cast iron for enameling] Stali i chuguny dlia emalirovaniia. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961 118 p.

The Petersburg enamel miniature of the 18th century. I. Suslov. Iskusstvo 24 no. 4 51-61 '61.

ENAMEL AND ENAMELING—EQUIPMENT AND SUPPLIES

Machines for enameling pipes, tanks, and chemical apparatus. E. N. Podkletnov. Mashinostroitel' no. 5 28-29 My '61.

ENCEPHALITIS

Characteristics of defensive (winking) conditioned and unconditioned reflexes in infectious diencephalitis. Vop. psikh. i nevr. no. 5:72-81 '59.

"Clinical aspects of the sensory form of virus encephalitis in children" by G. I Gelina. Reviewed by I S Glazunov Zhur nevr. i psikh 60 no 3 370 '60

Differential diagnosis of tuberculous meningitis and rheumatic meningoencephalitis [with summary in French]. V. E. Elufimova. Probl. tub. 38 no. 3: 68-74 '60.

Disorders in the function of the brain in virus arachnoencephalitis and encephalitis [with summary in French]. F. F Ogienko Zhur. nevr. i psikh. 60 no 11. 1400-1406 '60.

Hemorrhagic encephalitis [with summary in French]. E. Z Shamovskaia. Zhur nevr. i psikh 60 no 3 280-285 '60.

Leprous encephalitis. A. P. Kozhevnikova. Vop. psikh. i nevr. no. 5. 52-58 '59.

Peculiar symptom complex of tick-borne encephalitis. E. N. Esinovskaia. Vop. psikh. i nevr. no. 5:69-71 '59.

"Rheumatic encephalitis" by B. N. Manikovskii. Reviewed by L. I. Gofter. Zhur nevr i psikh. 60 no 11: 1645-1646 '60.

Role of tick-borne encephalitis in the etiology of myoclonus epilepsy. S. N. Dotsenko. Vop. psikh. i nevr. no. 5 59-62 '59.

ENCEPHALOMYELITIS

Amount of protein and protein fractions in encephalomyelitis and multiple sclerosis [with summary in French] L. L. Kucherova, I B Klebanova. Zhur nevr. i psikh. 60 no. 11:1458-1463 '60.

Chronic forms of Vilyui encephalomyelitis. A. N. Shapoval. Vop. psikh. i nevr. no. 5:21-28 '59.

Clinical aspects of mental disturbances in Vilyui encephalomyelitis. Report no. 1. L. N. Vishnevskaia. Vop. psikh. i nevr. no. 5:29-37 '59.

Determination of some biochemical indexes in Vilyui encephalomyelitis. A. I. Goshev. Vop. psikh. i nevr. no. 5:38-42 '59.

Pathology of Vilyui encephalomyelitis P. S. Sarmanova, G. G Chumachenko. Vop psikh. i nevr no. 5 15-20 '59.

ENDOCRINE GLANDS

Neurohormonal factors in the development of sleep [with summary in English]. A. V. Tonkikh Zhur. vys. nerv. deiat. 10 no. 2:285-290 Mr-Ap '60.

ENDOCRINE GLANDS—SURGERY

Thrombokinase activity of the tissues in various endocrine disorders and tumor growths [with summary in English]. M. A. Ukolova, G. A. Ivanchenko. Biul. eksp. biol. i med. 49 no 3:26-30 Mr '60.

ENDOCRINOLOGY

Significance of A.A. Bogomolets's theories for the development of problems of modern endocrinology. V. P. Kozmi-sarenko. Fiziol. zhur. [Ukr.] 7 no 3 118-126 My-Je '61.

ENEI, EVGENII EVGEN'EVICH, 1891-

Artist and motion-picture employee. G. Kozintsev. Iskusstvo no. 6.144-147 Je '61.

ENERGY-BAND THEORY OF SOLIDS

Band structure of cuprous oxide [with summary in English] A G. Shiltch, V. P. Malinov Vest LGU 16 no. 10 14-30 '61

Some features of the energy spectrum of many-electron systems in semiconductors. V. L. Bonch-Bruevich Fiz. tver. tela 3 no. 3 768-775 Mr '61.

ENGELS, FRIEDRICH, 1820-1895

Mehring, Franz. [K. Marx and F. Engels, the creators of scientific communism] K. Marks i F. Engel's - sozdateli nauchnogo kommunizma. Moskva, Gos. izd-vo polit. lit-ry, 1960. 232 p. (Biblioteka po nauchnomu sotsializmu)

ENGINEERING—BIBLIOGRAPHY see Bibliography—Engineering

ENGINEERING—STUDY AND TEACHING
(see also subdivision under Magnitogorsk)

Isn't it time to change to the new training methods? A S Aklimatov Vest vys shkoly 10 no. 5,29-33 My '61

Prospects of higher technical education. V. A Ventkov. Vest. vys shkoly 10 no 6:23-30 My '61

ENGINEERING EXPERIMENT STATIONS

Research work of the Experimental Research Institute of the Machine-Tool Industry in 1960. A. A. Padogin. Stan. i instr. 32 no. 5:3-6 My '61.

ENGINEERING GEOLOGY
(see also subdivision under Crimean Mountains, Golodnaya Steppe)

[Problems of engineering geology; collected studies. Translated from the English and French] Problemy inzhenernoi geologii, sbornik statei. Pod red. I. s pred. G. S. Zolotareva i S. N. Maksimova. Moskva, Izd-vo inostr. lit-ry.
No. 2. 1960. 382 p.

Requirements for the study of mineral deposits from the point of view of engineering geology. G. G. Skvortsov, S. P. Prokhorov. Vop. gidrogeol. i inzh. geol. no. 16. 164-175 '59.

ENGINEERING GEOLOGY—MAPS

Basic principles of mapping methods from the point of view of engineering geology. N. V. Kolomenskii, V. M. Fomin. Razved. i okh. nedr 27 no 2:56-59 F '61.

ENGINEERING LABORATORIES see subdivision under Moscow

ENGINEERING RESEARCH
(see also subdivision under Tomsk)

New machines should be developed quickly. V. Butusov. NTO 3 no. 5:30-34 My '61.

Power technology. B. Glebov. NTO 2 no. 5:35-37 My '60.

ENGINEERING RESEARCH—COMPETITIONS

Results of the all-Union competition for the best research in metal cutting. Stan. i instr. 32 no. 5:40 My '61.

ENGINEERING STANDARDS see Standards, Engineering

ENGINES

Assemblage without an assembler L Fedorovskii Znan. sila 36 no. 5:33 My '61

ENGLISH LANGUAGE—CLAUSES

Development of the conjunctive relative clause. V. A. Pelevina Uch. zap. Komi gos. ped. inst. no 7:225-240 '59.

ENGLISH LANGUAGE—DICTIONARIES—RUSSIAN

Zolotykh, V. T., comp. [English-Russian welding dictionary] Anglo-russkii slovar' po svarochnomu proizvodstvu. Moskva, Glav. red. inostr. nauchno-tekhn. slovarei Fizmatgiza, 1961. 191 p.

ENGLISH LANGUAGE—FOREIGN WORDS AND PHRASES—SCANDINAVIAN
A study of the lexical-syntactical influence of the Scandinavian languages on the English language I A Ershova Vest Mosk un Ser 7 Filol , zhur 15 no 2 55-66 Mr-Ap '61

ENGLISH LANGUAGE—INTERJECTIONS
Some characteristics of interjections in the modern English language. M. D Gutner. Vop. laz. i lit. no. 2,3-27 '60.

ENGLISH LANGUAGE—NOUN
Types of nouns such as "go-between" in the modern English language V A Maltsev Uch zap. Komi gos ped inst no 7 251-276 '59

ENGLISH LANGUAGE—STUDY AND TEACHING
Lexical analysis of texts in English language for the ninth grade of secondary school E. D. Pedchenko. Uch. zap. Kish. gos. ped. inst. 12:111-124 '59.

ENGLISH LANGUAGE—STYLE
On some typical constructions in the English language (with summary in English) N N Amosova Vest L GU 16 no 8:125-132 '61
The role of certain syntactical means in narrative style. N. S. Bukhtiarova. Vop. laz. i lit. no. 1:66-81 '59.
The stylistic role of syntax in impersonal direct speech; examples from T. Dreiser's works. N. S. Bukhtiarova. Vop. laz. i lit. no. 2 36-47 '60.

ENGLISH LANGUAGE—SYNTAX
The role of certain syntactical means in narrative style. N. S. Bukhtiarova. Vop. laz. i lit. no. 1 66-81 '59.

ENGLISH LANGUAGE—WORD FORMATION
A study of the morphological articulation of roots; from materials on the English language. K. S. Nedoshivina. Vop. laz. i lit. no. 1:82-97 '59.

ENGLISH POETRY—HISTORY AND CRITICISM
Poets without readers and critics without views. Vl. Rubin. Novyi mir 36 no. 4:214-218 Ap '60.

ENGRAVERS
Made at the Administration for Engraving State Banknotes and for Minting Coins and Medals L. Darova. Moskva 5 no. 4:197-201 '61.

ENSEMBLES (MUSIC) see subdivision under Moscow

ENSEMBLES (MUSIC), ARMENIAN
In Cairo. Akop Khandzhian. Sov. muz. 25 no. 6:169-174 Je '61.

ENSEMBLES (MUSIC), JAPANESE
A Japanese song travels across the U. S. S. R. A Georgieva. Sov profsoiuzy 17 no. 11:36-37 Je '61.

ENSEMBLES (MUSIC), TATAR see subdivision under Moscow

ENSEMBLES (MUSIC), UKRAINIAN
Work of folk initiative. IU. Stanishevskii. Sov. muz. 25 no. 6:64-69 Je '61.

ENSEMBLES (MUSIC), WHITE RUSSIAN see subdivision under Moscow

ENSILAGE
New helper of the animal breeder. V. Remekhov. Tekh. mol. 29 no. 4:16 Ap '61.
Surface ensilage of corn. V. H. Androsov. Mekh. sil'. hosp. 12 no. 5:19-20 My '61.

ENSILAGE—MICROBIOLOGY
Influence of chemical preparations on the microbiological processes and quality of silage [with summary in English]. A. S. Varaksina. Mikrobiologiia 30 no. 1:140-145 Ja-F '61.

ENTERIC FEVER see Typhoid fever

ENTIRE FUNCTIONS see Functions, Entire

ENTOMOLOGY—CONGRESSES
Eleventh International Entomological Congress. M. S. Gilliarov. Izv. AN SSSR. Ser. biol. no. 3:483-486 My-Je '61.

ENTROPY
Plotting of entropy diagrams based on experimental data on sound velocity. I. I. Novikov, IU. S. Trelin. Atom. energ. 10 no. 5 519-521 My '61.

ENZYMES
Amount of certain enzymes in the intestine and other organs of the human fetus [with summary in English] L. S. Fomina. Vop. med. khim 6 no. 2 178-183 Mr-Ap '60
"Chemical agents of life" [translated from the English] by T. V. Venkstern Khim. v shkole 15 no. 2:91 Mr-Ap '60.
Cytochemistry of phosphatases, oxidases, and peroxidases in hematopoietic elements in radiation injury. E. I. Tereni'eva, L. I Kazanova. Med. rad. 6 no. 3:39-42 '61.
Enzyme activity of water soluble proteins of the wheat germ N I Proskuriakov, I V Rodionova Biokhim zerna no 5 108-120 '60
Modern concepts of the nature and mechanism of enzymatic activity [with summary in English] V. L. Kretovich Izv. AN SSSR Ser. biol no. 3:425-440 My-Je '61.
Properties of the enzymatic system of the rat kidney catalyzing amino acid synthesis from pyruvic acid and ammonium salts [with summary in English] I N. Platnitskaia Biokhimiia 25 no 6 1081-1091 N-D '60
Synthesis of nucleotide coenzymes and related compounds Z A Shabarova, T. S Rinkova, M A Proskuriev Dokl. AN SSSR 136 no 5,1116-1119 F '61

EPHEDRA see subdivision under Zeravshan Valley

EPHEDRINE
Study of the stability of penicillin in solutions of ephedrine hydrochloride. I. R. M. Pinizhko. Farmatsev. zhur. 15 no. 1:34-36 '60.

EPIC LITERATURE, AZERBAIJANI
The epic "Kitabi-Dede-Korkud." A. M. Demirchizade. Trudy API 7:91-96 '59.

EPIC POETRY, KIRGHIZ
[The Kirghiz heroic epic, "Manas"] Kirgizskii geroicheskii epos Manas. Moskva, Izd-vo Akad. nauk SSSR, 1961. 376 p. (Voprosy izucheniia eposa narodov SSSR)

EPIFANII PREMUDRYI, d. ca. 1420
Epiphanius the Wise as the author of "The life and death of Dmitrii of the Don, Grand Duke and Russian Tsar" A V. Solov'ev Trudy ODRL 17 85-106 '61

EPILEPSY
Change in the peripheral blood and bone marrow in experimental epilepsy in rabbits [with summary in English]. V. M. Karlinskii. Biul. eksp. biol. i med. 49 no. 2:61-64 F '60.
Connection of some forms of epilepsy with disturbances of cardiac activity. B. O. Fridman. Vop. psikh i nevr. no 5 178-185 '59
Diagnosis and expert examination in epilepsy. A. I. Shvarev Vop psikh. i nevr no. 5 156-167 '59.
Effect of tranquillizers on the processes of excitation and inhibition during reflex epilepsy in rats Part I. Effect of methylpenthynole carbamate. D. A Fless, A. Lemann Nauch dokl. vys. shkoly, biol. nauki no 2:102-106 '61
Excretion of ovarian hormones in epilepsy [with summary in French] I G Tumilovich. Zhur. nevr i psikh 60 no. 11:1500-1505 '60.
Influenzal epilepsy in children. L. V. Panfilenkova. Vop. psikh i nevr. no 5,89-92 '59.
Myoclonus epilepsy and Bechterev's chorea-epilepsy. Kh. L. Bel'man. Vop. psikh. i nevr. no. 5:63-68 '59.
Photogenic epilepsy (ambulatory observations) [with summary in French] I. M Savich Zhur nevr. i psikh 60 no. 11:1482-1493 '60.
Physiology of experimental epileptic reactions of subcortical origin [with summary in English]. F. P. Vediaev. Fiziol zhur 46 no. 2 167-178 F '60.
"Problems in the clinical aspects and pathophysiology of epilepsy" by S. F. Semenov Reviewed by A I Andreev, A K. Mikhailov Zhur. nevr. i psikh 60 no 11:1544-1545 '60
Role of tick-borne encephalitis in the etiology of myoclonus epilepsy. S. N. Dotsenko. Vop. psikh. i nevr. no. 5:59-62 '59.
Significance of aminazine in epilepsy [with summary in English]. T. A Nevzorova Zhur. nevr. i psikh. 60 no 11:1506-1509 '60
Some problems in the treatment of epilepsy. G. B. Abramovich, I. V. IAkovleva-Shnirman. Vop. psikh i nevr. no 5 168-177 '59
Stationary and dynamic disorders of higher nervous activity in the interparoxysmal period of epileptic dementia [with summary in French]. V. L. Deglin. Zhur. nevr. i psikh 60 no 11:1494-1499 '60.
Temporal epilepsy [with summary in French]. V. Ionescu. Zhur nevr i psikh. 60 no 11:1474-1481 '60.

EPILOBIUM
New tannid plant. S. Kh. Chevrendidi. Izv AN Uz SSR no. 7:89-90 '56

EPINEPHRIN see Adrenaline

EPITHELIUM
Histogenic activity of substances secreted by transitional epithelium [with summary in English]. A. IA. Fridenshtein. Biul. eksp. biol. i med. 50 no. 7:82-85 Jl '60.

EPITHELIUM—INNERVATION
Innervation of the smooth muscles of the hair follicles in man IU. V. Postnov. Arkh. anat. gist. i embr. 38 no. 4:108-109 Ap '60.

EPOXY RESINS
Gluing concrete and reinforced concrete articles with epoxy resins. F. M. Ivanov, IA. N. Novikov. Avt. dor. 24 no. 3:22-23 Mr '61.
Some results of the testing of epoxide resins and their utilization in repair work. V. A. Bershtein. Plast. massy no. 6:34-40 '61.
Study of the hardening of epoxide resin in the presence maleic anhydride. L. N. Phrozhnaia. Plast. massy no. 6,56-60 '61.
Use of epoxy resins instead of babbit in sluice gate structures A Pirogov Rech transp 20 no 6 33-34 Mr '61

EQUATIONS, QUADRATIC
Formulae of the roots of quadratic equations. S. IA. Kagan. Mat. v shkole no. 3:61-62 My-Je '61

EQUILIBRIUM
Stability of the equilibrium position in discontinuous systems M A Aizerman, F R. Gantmakher Prikl mat i mekh 24 no. 2 283-293 Mr-Ap '60

EQUILIBRIUM (PHYSIOLOGY)
Method for cephalography V. A Shabalin Gig. i san 25 no 3 63-67 Mr '60.

EQUIVALENT CIRCUITS
Equivalent transformations of contact and rectifier circuits. V. I Murakti Dokl AN SSSR 136 no 5, 1041-1046 F '61

ERDELI, VLADIMIR GEORGIEVICH, 1886-
Vladimir Georgievich Erdeli. Geog. v shkole 24 no. 3: 86 My-Je '61.

EREMURAN
Study of eremuran. Report No. 2. O. N. Ponomar'eva. Farmatsev. zhur. 15 no. 1:13-45 '60.

ERGOMETER see Dynamometer

ERGOT
Ascending effects during the action on the subpharyngeal ganglia of Helix of serotonin, noradrenalin, tyramine and tryptamine Kh. S. Koshtoiants, K Rozha Fiziol zhur. 47 no. 2;266-271 F '61.
Effect of gibberellic acid on ergot (Claviceps purpurea Tul.) in saprophytic and parasitic cultures N I. Ostrovskii and others Fiziol rast 8 no 3;350-360 '61
Pharmacology of dihydroergotoxin [with summary in English]. P. I Bezruk, V. E. Sokolova. Farm. i toks. 24 no. 1 62-66 Ja-F '61.

EROSION
(see also subdivision under Amu Darya Delta; Aral Kara-Kum, Kamchatka; Kurile Islands; Odessa Province, Ust'-Orda)
Active soil erosion. A. M. Kropichev, T. S. Kropicheva Priroda 50 no. 6:112 Je '61.
"Badland" in the northern part of the Taymyr Peninsula L. D. Miroshnikov. Izv. AN SSSR. Ser. geog. no. 3:86-8 My-Je '61.
Effect of subterranean waters and erosion or abrasion on landslides occurring on natural slopes. E. P. Emel'ianova. Vop. gidrogeol. i inzh. geol. no. 16: 66-82 '59.
Erosion capacity of a current below a jet deflector or baffle. A N Rakhmanov Izv. VNIIG 65;23-39 '60.
Erosion capacity of the current in bottom hydraulic jun A. N Rakhmanov Izv. VNIIG 63;3-25 '60
Evaluating the intensity of ravine growth on the basis of morphological features. N. N. Rodrevich, L. P. Setunskaia. Izv. AN SSSR. Ser. geog. no. 3 91-95 My-Je '6
"Gorges" in mountain river valleys. N P. Kostenko. Izv. vys. ucheb. zav ; geol i razv 3 no 12 6-14 D '6
Hydraulic pattern of erosion below a horizontal reinforcing structure and a formula for computing the depth of erosion. M. S. Vyzgo. Izv. AN Uz. SSR no. 11 11-17 '56.
Sobolev, S. S. [Soil erosion and its control] Erozilia po i bor'ba s neiu. Moskva, Gos. izd-vo geogr. lit-ry, 1960. 173 p.
(DA)

EROSION—BIBLIOGRAPHY see Bibliography—Erosion

ERYSIPELAS
Use of certain nitrofurans and antibiotics in erysipelas [with summary in English]. Zh. M. Lopatina. Antibiotiki 6 no. 3:233-238 Mr '61.

ERYTHREMIA
Functional changes in patients with polycythemia durin radioactive phosphorus therapy. V. V. Shishkina. Me rad. 6 no. 3:3-7 '61.

ERYTHROCYTES
Effect of phosphacol on certain structural elements of blood in rabbits according electron microscope data [with summary in English]. V. S. Petrov. Farm. i toks 24 no. 1:90-94 Ja-F '61.
"Erythrocytes and erythropathies" [in French] by P. Cazal. Reviewed by IU. I. Loria. Probl. gemat. i perel. krovi 5 no. 2:67-68 F '60.
Erythropoietic properties of plasma in anemized animals [with summary in English]. L. L. Shepshelevich, L. S. Rogacheva. Probl. gemat. i perel. krovi 5 no. 2:13-18 F '60.
Influence of carbohydrates on the erythrocytes of the blood stabilized with nitrog (sodium 2, 3, 4-trioxyglutaricool [with summary in English, p. 62]. P. S. Vasil'ev, M. M Rudashevskaia. Probl. gemat. i perel. krovi 5 no. 3:39 43 Mr '60.

ERYTHROCYTES (Continued)

Influence of glycocol on the survival of erythrocytes in preserved blood and in an erythrocytic suspension; as revealed by experimental and clinical material [with summary in English, pp. 62-63]. M. I. Sukhatov and others. Probl. gemat. i perel krovi 3 no. 3 13-52 Mr '60.

Involvement of the nuclear substance in erythrocytes in experimental hemolytic anemias [with summary in English]. L. IA. Ivanova. Biul. eksp. biol i med. 49 no. 3 35-38 Mr '60.

Making a correction to the volume of erythrocytes in the erythrocyte sedimentation reaction. P. A. Podrabinek. Lab. delo 7 no. 5 35-38 My '61.

Signs of autoaggression in the mechanism of blood regeneration [with summary in English]. IA. G. Uzhanskii, I. V. Pavlova. Pat. fiziol i eksper. terap. 4 no. 4 52-57 Jl-Ag '60.

ERYTHROMYCIN

Colorimetric method for the determination of erythromycin [with summary in English]. V. B. Korchagin, S. M. Smirnov, L. N. Savushkina. Antibiotiki 6 no. 1 311-314 Ap '61.

Determination of erythromycin in serum and urine by the agar diffusion method [with summary in English]. N. A. Vekulenko. Antibiotiki 6 no. 1 315-318 Ap '61.

Relation of pyruvate metabolism to erythromycin biosynthesis in the actinomycete Str. erythreus [with summary in English]. V. Ševčík, V. Musílek. Antibiotiki 6 no. 1 9-15 Ja '61.

ESCHERICHIA COLI

Agglutination reaction in patients with coli infection with special reference to age and clinical characteristics. G. A. Timofeeva. Pediatriia no. 5 13-17 '61.

Antigenic properties of Escherichia coli excreted by various persons. M. A. Akhiamov, T. Khakimazarov. Med. zhur. Uzb. no. 3 23-25 Mr '61.

Bacterial method for the production of γ-aminobutyric acid [with summary in English]. E. M. Gubarev, IU. V. Galaev. Biokhimiia 25 no. 2 262-263 Mr-Ap '60.

Biochemical activity, serological properties and pathogenic characteristics of antibiotic-resistant variants of paratyphoid, dysenteric and coli bacilli [with summary in English]. P. N. Kashkin and others. Antibiotiki 6 no. 1 58-67 Ja '61.

Certain properties of serine deaminase of Escherichia coli and dysentery bacteria [with summary in English]. L. S. Olenicheva. Biokhimiia 25 no. 6 1026-1029 N-D '60.

Characteristics of coli enteritis in children. O. A. Lisenko, L. T. Gorshkova. Pediatriia no. 5 37-39 '61.

Coli enteritis and principles for the organization of its control among young children. E. M. Novgorodskaia, I. B. Khazenson. Pediatriia no. 5 31-36 '61.

Comparative effects of antibiotics on cultures of pathogenic Escherichia coli in vitro. R. IA. Zel'manovich, I. L. Gofman. Antibiotiki 6 no. 3 281-282 Mr '61.

Diagnostic significance of immunological reactions in the isolation of E. coli in young children. A. IU. Iliutovich and others. Pediatriia no. 5 47-51 '61.

Effect of streptomycin on the carrying of enteropathogenic coli bacilli resistant to this antibiotic [with summary in English]. A. B. Chernomordik, M. S. Barskaia. Antibiotiki 6 no. 4 339-342 Ap '61.

Escherichia coli enteritis in infants, survey of the literature on etiology, epidemiology, and pathogenesis. N. A. Alkhaina, I. I. Shatrov, N. B. Mordvinova. Vest. AMN SSSR 15 no. 4 62-74 '60.

Material on the antibiotic sensitivity of pathogenic serotypes of E. coli [with summary in English]. N. I. Frolova, F. K. Cherkes. Antibiotiki 6 no. 3 280-281 Mr '61.

Mechanism of action of levomycetin (chloramphenicol). Part 5: Effect of levomycetin on the pyruvate requirements of resting cells of coli bacillus under fixed conditions [with summary in English]. A. I. Korotinev. Mikrobiologiia 30 no. 1 47-53 Ja-F '61.

Severe forms of coli enteritis in young children. T. V. Smirnova and others. Pediatriia no. 5 40-42 '61.

Studies on antibiotic resistance of pathogenic serotypes of Escherichia coli [with summary in English]. I. N. Krasnova. Antibiotiki 6 no. 2 158-160 F '61.

Survival of pathogenic serotypes of Escherichia coli in milk products. Z. P. Gorbatova-Ikol. Pediatriia no. 5 51-53 '61.

ESENIN, SERGEI ALEKSANDROVICH, 1895-1925

Naumov, E. I. [Sergei Esenin; his life and works] Sergei Esenin; zhizn' i tvorchestvo. Leningrad, Gos. uchebno-pedagog. izd-vo M-va prosv., RSFSR, Leningr. otd-nie, 1960. 287 p.

ESOPHAGUS—EXPLORATION

Combination of intravenous anesthesia and muscle relaxants in esophagoscopy. A. N. Kabanov. Akt. vop. obezbol. no. 2 105-119 '59.

ESOPHAGUS—FOREIGN BODIES

Injury to the heart from a foreign body in the esophagus. N. P. Belkina. Vest. otorin. 22 no. 1 95-96 Ja-F '60.

Rare observation of a foreign body in the esophagus. I. S. Proskuriakova. Vest. otorin. 22 no. 1 95 Ja-F '60.

ESOPHAGUS—INNERVATION

Data on the spinal afferent innervation of the esophagus in dogs [with summary in English]. G. V. Stovichek. Arkh. anat. gist. i embr. 40 no. 3 22-26 Mr '61.

Micromorphological examination of the esophageal receptors in predatory birds. M. S. Gan'shina. Nauch. dokl. vys. shkoly, biol. nauki no. 2 71-75 '61.

ESOPHAGUS—SYPHILIS

Case of syphilis of the esophagus. V. N. Kochergin. Med. zhur. Uzb. no. 1 56-57 Ap '61.

ESOPHAGUS—TUMORS

Esophageal polyp in old age. IU. K. Aleksandrovskii. Vest. otorin. 22 no. 1 94 Ja-F '60.

ESPIONAGE, AMERICAN

Constantly increase vigilance. P. Viktorov. Voen. vest. 40 no. 10 33-38 O '60.

ESSENCES AND ESSENTIAL OILS

Effect of essential oils on the resistance of pine plantations to "primary" pests. P. I. Brymal'skyi. Visnyk sil'khosp. nauky 4 no. 4 113-115 Ap '61.

Preliminary data on the composition of the essential oil from Artemisia Lagocephala Fisch. N. V. Belova. Zhur. prikl. khim. 34 no. 3 707-709 Mr '61.

Study of the essential oil from needles of the juniper (Juniperus sukhostanica kom.) M. I. Gorlaev, D. R. Dzhalilov. Izv. AN Kazakh. SSR, Ser. khim. no. 2 107-113 '60.

ESTERIFICATION

Esterification of tar and fatty acids of tall oil by means of xylitol. V. N. Kozlov, A. E. Kazanina, V. V. Levina, Gidroliz. i lesokhim. prom. 14 no. 4 9-11 '61.

Esterification process in the liquid phase oxidation of octadecane [with summary in English]. I. V. Berezin, A. M. Raginova. Zhur. fiz. khim. 35 no. 4 842-847 Ap '61.

ESTERS

Some forms of morphological structures in linear polyesters [with summary in English]. E. M. Belavtseva, IU. V. Mitukh. Vysokom. soed. 3 no. 2 213-214 F '61.

ESTONIA—BOOKSTORES

All the stores are counterless. G. Sundlia. Sov. knizh. torg. 13 no. 1 4-6 Ap '61.

ESTONIA—COLLECTIVE FARMS—VALUATION

Revaluating fixed assets on collective farms of the Estonian S. S. R. M. Sirotkin. Vest. stat. no. 5 72-73 '61.

ESTONIA—FREIGHT AND FREIGHTAGE

Practices of freight transportation agencies. V. Golotob. Avt. transp. 39 no. 4 13 Ap '61.

ESTONIA—MERCHANT SEAMEN

Prizes for the best efficiency promoters. Mor. flot 21 no. 5 47 My '61.

ESTONIA—MUSIC

Come to Estonia! E. Kapp. Sov. muz. 25 no. 6 101-105 Je '61.

ESTONIA—OIL SHALES

Geochemistry of shale-bearing deposits in the Baltic Basin. E. S. Tikhomirova. Dokl. AN SSSR 136 no. 5 1209-1212 F '61.

ESTONIA—PASTURES AND MEADOWS

Develop cultivated pastures. A. Liubavskii. NTO 2 no. 5 26 My '60.

ESTONIA—PHOTOGRAPHY

Truthful and sincere. V. Malyshev. Sov. foto 21 no. 5 34-35 My '61.

ESTROGENS

Analysis of the action of repeated estrone injections on the mitotic activity of the uterine epithelium in mice [with summary in English]. U. I. Epifanova. Biul. eksp. biol i med. 51 no. 3 102-105 Mr '61.

Excretion of ovarian hormones in epilepsy [with summary in French]. L. G. Tumilovich. Zhur. nevr. i psikh. 60 no. 11 1500-1505 '60.

Fractionated determination of estrogens in the urine of nonpregnant women. Report No. 1 Critical analysis of the method of E. A. Kakushkin and V. G. Orlov. O. N. Savchenko, G. S. Stepanov. Probl. endok. i gorm. 7 no. 2 38-46 Mr-Ap '61.

Lesions of the adrenal cortex in thromboangiitis. Z. L. Gordon. Klin. med. 39 no. 5 80-86 My '61.

ETCHINGS see subdivision under Japan

ETHANOL

Anesthetizing properties of the benzoic ester of diethylaminoethanol. S. P. Protopopov, K. B. Kerimov. Akt. vop. obezbol. no. 2 219-225 '59.

ETHER

Radiolysis and radiation oxidation of diisopropyl ether [with summary in English]. V. V. Saraeva, B. IA. Ladygin, Nam Chan Sun. Zhur. fiz. khim. 34 no. 4 759-761 Ap '60.

Study of diacetylene derivatives. Report No. 8: Reactions of ethynyl vinyl and diethynyl vinyl ethers with carbonyl compounds. M. F. Shostakovskii, A. V. Bogdanova, G. I. Plotnikova. Izv. AN SSSR Otd. khim. nauk no. 5 905-909 My '61.

Trityl ethers of polyvinyl alcohol. O. M. Likhosherstova, V. F. Kucherov. Zhur. prikl. khim. 33 no. 10 2319-2323 O '60.

ETHER (ANESTHETIC)

Inhalation anesthesia with heated ether vapor in the surgical clinic and under experimental conditions. B. L. Purimson. Trudy 1-go MMI 3 52-65 '57.

ETHER (ANESTHETIC)—PHYSIOLOGICAL EFFECT

Clinical evaluation of various types of ether anesthesia. E. M. Pimenova. Trudy 1-go MMI 3 35-46 '57.

More about ether-oil anesthesia according to M. A. Topchibashev's method. I. S. Zhorov, N. I. Minin. Trudy 1-go MMI 3 47-51 '57.

ETHERS

Thermodynamic characteristics of certain unsaturated polyethers. I. M. Al'shits, I. E. Flis. Zhur. prikl. khim. 34 no. 3 614-622 Mr '61.

ETHIOPIA—ORTHODOX EASTERN CHURCH

Church of Ethiopia forms a new Patriarchate (to be concluded). Liviu Stan. Abridged translation from the Rumanian. Zhur. Mosk. Patr. no. 1 59-71 Ap '61.

Church of Ethiopia forms a new Patriarchate (conclusion). Liviu Stan. Abridged translation from the Rumanian. Zhur. Mosk. Patr. no. 5 61-71 My '61.

ETHNOLOGICAL RESEARCH see subdivision under Ukraine

ETHNOLOGY

(see also subdivision under Bulgaria, Caucasus; Cuba; Hawaiian Islands, Near East, North America; Siberia, Soviet Central Asia, Turkey, Vychegda Valley)

Triumph of Lenin's ideas. Sov. etn. no. 2 3-6 Mr-Ap '60.

ETHNOLOGY—EXHIBITIONS see subdivision under Baragkhan (Kurumkan District)

ETHNOLOGY—PERIODICALS see subdivision under Slovakia

ETHNOLOGY—STUDY AND TEACHING

(see also subdivision under Kazakhstan)

Work of the Institute of Ethnology of the Academy of Sciences of the U.S.S.R. in 1959. V. A. Aleksandrov. Sov. etn. no. 2 161-166 Mr-Ap '60.

ETHYL ALCOHOL

Calculating the equilibrium constant for the synthesis of ethyl alcohol. D. S. Tskitishvili, A. I. Kutikova. Zhur. fiz. khim. 35 no. 4 954-955 Ap '61.

Replacing uranyl nitrate by naphthol yellow in the standard determination of oxidability of commercial ethyl alcohol [with summary in English]. I. S. Mustafin, N. K. Nemkova. Zhur. anal. khim. 16 no. 2 255 Mr-Ap '61.

Study of the equilibrium of two liquid phases in the system fusel oil - ethyl alcohol - water. V. F. Sukhodol, P. M. Mal'tsev. Izv. vys. ucheb. zav., pishch. tekh. no. 2 114-122 '61.

ETHYL ALCOHOL—TOXICOLOGY

Comparative study of a continuous and intermittent actions of volatile nonelectrolyte poisons, on the problem of norms for harmful substances in the air in an industrial environment [with summary in English]. N. A. Tolokontsev. Gig. i san. 25 no. 7 29-30 Mr '60.

ETHYL CHLORIDE

Treatment of certain skin diseases with chlorethyl block and phytoncides. Kh. A. Bozitan, R. A. Bazian. Vest. derm. i ven. 35 no. 4 60-62 Ap '61.

ETHYLAMINE

Effect of chlorethylamines on the excretory function of the kidney. IU. I. Rampan. Farm. i toks. 24 no. 1 99-104 Ja-F '61.

Preventive use of cysteamine and cysteinamine in acute radiation sickness. V. A. Razorenova, E. N. Shcherbova. Med. rad. 6 no. 3 11-14 '61.

ETHYLENE

Effect of high-frequency currents on plasticized compositions of poly (vinyl chloride). V. A. Voskresenskii, V. A. Byliev, E. M. Orlova. Zhur. prikl. khim. 34 no. 3 593-597 Mr '61.

Effect of water and oxygen on the polymerization of ethylene on a chromium oxide catalyst. G. K. Boreskov, V. A. Dzis'ko, T. IA. Tiulikova. Dokl. AN SSSR 136 no. 1 125-128 Ja '61.

Ethylene, an endogenous substance in tumor carriers [with summary in English]. M. T. Kokonov. Vop. med. khim. 6 no. 2 158-165 Mr-Ap '60.

Free-radical polymerization of ethylene. Part 1: Kinetics of ethylene polymerization in a benzene and heptane solution [with summary in English]. S. G. Liubetskii, B. A. Dolgoplosk, B. L. Erusalimskii. Vysokom. soed. 3 no. 5 734-739 My '61.

ETHYLENE (Continued)
Gamma-ray-induced liquid-phase polymerization of tetrafluoroethylene [with summary in English]. A. R. Gantmakher, S. S. Medvedev, A. D. Abkin. Vysokom. soed. 3 no. 2:320 F '61.
Manufacture and uses of poly (vinyl chloride) in capitalist countries. N. P. Fedorenko, IU. T. Livshits. Plast. massy no. 6:68-73 '61.
Reactions of ethylene with trichloroethylene and tetrachloroethylene. A. B. Bellavskii, R. Kh. Freidlina. Izv. AN SSSR. Otd. khim. nauk no. 5 838-842 My '61.
Some electrophysical properties of polymeric complexes formed by tetracyanethylene with metals. A. A. Berlin and others. Dokl. AN SSSR 136 no. 5 1127-1129 F '61.

ETHYLENE OXIDE
Separate determination of ethylene oxide and propylene oxide present simultaneously by the use of polarography. N. N. Kosenko. Zav. lab. 27 no. 5:542-544 '61.

ETHYLENEDIAMINE
Furan series. Part 16. N-(β-oxyethyl) furfurylamines in the synthesis of piperazines and ethylenediamines containing a furan ring. K. IU. Novitskii and others. Zhur. ob. khim. 31 no. 5:1445-1448 My '61.

ETHYLENESULFONIC ACID
Bromination of unsaturated compounds. Part 5. Kinetics and mechanism of the bromination of the ethylenesulfonate ion by hypobromous acid. N. P. Kamaev. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 2:225-228 '61.

ETIQUETTE
Golden lecture ("Good manners" by N. Gordienko. Reviewed by N. Kop'evskii). Ogonek 39 no. 21:25 My '61.

EUCOMMIA see subdivision under Azerbaijan

EUDIOMETER—TESTING
Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 256-57 for checking glass measuring burettes of nonautomatic chemical eudiometers] Instruktsiia 256-57 po poverke stekliannykh izmeritel'nykh biuretok khimicheskikh neavtomaticheskikh gazoanalizatorov. Izd. ofitsial'noe. Moskva, 1957. 10 p.

EULER, LEONHARD, 1707-1783
Leonhard Euler. Nar. asv. no. 3:92 Mr '61.

EUROPE—COMMERCE
Colonialism behind the screen of the "Common Market." A. Goncharov. Mezhdunar. zhizn' 8 no. 6:54-61 Je '61.

EUROPE—FOREIGN ECONOMIC RELATIONS—JAPAN
Early history of the economic expansion of European countries in Japan, 1542-1640. E. IA. Fainberg. Uch. zap. inst. vost. 23 22-66 '59.

EUROPE—GEOLOGY—MAPS
International tectonic map of Europe with 1:2,500,000 scale. N. S. Shatskii, A. A. Bogdanov. Izv. AN SSSR. Ser. geol. 26 no. 4:3-25 Ap '61.

EUROPE—METEOROLOGY
The Azores-Bermuda anticyclone and atmospheric circulation over Europe. G. I. Morskoi. Trudy TSIP no. 108:52-57 '61.

EUROPE—STATISTICS—STUDY AND TEACHING
Training system of statisticians in various countries. F. Egermaier. Vest. stat. no. 5:26-33 '61.

EUROPE, EASTERN—AGRICULTURE
Akademiia nauk SSSR. Institut istorii. [Yearbook of the agrarian history of Eastern Europe, 1959] Ezhegodnik po agrarnoi istorii Vostochnoi Evropy 1959 g. Moskva, 1961. 457 p.

EUROPE, EASTERN—BUDGET
Budgets of socialist countries for 1961. Fin. SSSR 22 no. 5:94-95 My '61.

EUROPE, EASTERN—COMMUNIST PARTIES
V. I. Lenin and the establishment of communist parties in foreign Slavic countries. M. A. Birman and others. Krat. soob. Inst. slav. no. 31:3-49 '61.

EUROPE, EASTERN—FORESTS AND FORESTRY
"Problems pertaining to the economy and measures of increasing the productivity of forests in people's democracies." Reviewed by B. M. Perepechin. Les. khoz. 14 no. 6:93-94 Je '61.

EUROPE, EASTERN—INSURANCE, DISABILITY
Temporary disability insurance for workers and employees in the European people's democracies. E. IAkovleva. Biul. nauch. inform.: trud i zar. plata 4 no. 5:69-63 '61.

EUROPE, EASTERN—ORE DRESSING
Magnetized roasting of ores (in member countries of the Mutual Economic Assistance Council). G. V. Gubin. Metallurg 6 no. 3:9-12 Mr '61.

EUROPE, EASTERN—STEAMBOAT LINES
Sokolov, L. G. [Regular steamship lines of the U. S. S. R. and people's democracies] Morskie regulyarnye linii SSSR i stran narodnoi demokratii. Moskva, Izd-vo "Morskoi transport," 1961. 30 p. (Ekonomika i ekspluatatsiia morskogo transporta)

EUROPE, EASTERN—WATER RESOURCES DEVELOPMENT
Water and earth. A. Putra. Uzbekiston 19 no. 1:13 Ja '60.

EUROPE, WESTERN—ATMOSPHERIC TEMPERATURE
Influence of the underlying surface on atmospheric circulation. V. G. Semenov. Meteor. i gidrol. no. 6:45-48 Je '61.

EUROPE, WESTERN—CUSTOMS UNIONS
West German imperialism and the so-called "integration of Europe." F. Sheviakov. Komm. Ukr. 36 no. 5:56-65 My '61.

EUROPE, WESTERN—POLITICS
Washington's European policy. IU. Nadezhdin. Nov. vrem. 19 no. 21:11-12 My '61.

EUROPE, WESTERN—ROBBERY
Holdups in Western Europe. G. Mikhailova. Sov. iust. no. 11:24 Je '61.

EUROPE, WESTERN—SUGAR INDUSTRY—EQUIPMENT AND SUPPLIES
Some results of the 1958/59 production season in countries of the Western Europe (from "Zucker," no. 14, 1959). Sakh. prom. 34 no. 5:74-77 My '60.

EUROPEAN CORN BORER
Using granulated insecticides for the control of European corn borers on fields where corn is grown for grain. A. M. Panteleeva, P. V. Sazonov. Agrobiologiia no. 3:442-446 My-Je '61.

EUROPEAN WAR, 1914-1918
Spiridovich, A. I. [The Great War and the February Revolution, from 1914 to 1917] Velikaia Voina i Fevral'skaia Revoliutsiia 1914-1917 gg. New York, Vseslavianskoe izd-vo.
Book 1. 1960. 308 p.
Book 2. 1960. 230 p.

EUROPEAN WAR, 1914-1918—DIPLOMATIC HISTORY
The Niedermeyer-Hentig mission to Afghanistan, 1915-1916. M. A. Babakhodzhaev. Krat. soob. Inst. vost. no. 37:18-26 '60.

EUROPEAN WAR, 1914-1918—TRANSPORTATION
The Anglo-Russian agreements on the northern ports of Russia during the First World War [with summary in English]. M. A. Stoliarenko. Vest. LGU 16 no. 8:46-58 '61.

EUROPIUM
Separation of radioactive isotopes on a mercury cathode. Part 1. Study of the electrochemical behavior of europium. V. P. Shvedov, Fu I-hei [Fu I-pei]. Radiokhimiia 2 no. 1:57-64 '60.

EURYALE, FOSSIL see subdivision under Menzelinsk District

EVAPORATING APPLIANCES
Automatic feeding of the evaporators. IU. N. Chekhovoi. Elek. sta. 32 no. 5:23-27 My '61.

EVAPORATION
Characteristics of flow circulation in evaporating units. L. F. Fedorov, S. N. Shorin. Khim. mash. no. 3:16-19 My-Je '61.
Research on the external heat and evaporation of a fluid from a cap [with summary in English]. G. I zhur. 4 no. 5:33-37 My '61.
Studies on evaporation and evapor significance and the inadequacy Prof. V. I. Vitkovich [with summ German, and French]. D. I. Sha nauki 6 no. 5:121-128 My '61.

EVENING AND CONTINUATION SCH (see also subdivision under Chel Moldavia; Rovno)
Replies to our readers' questions. no. 10:44-46 My '61.
Ways to improve the evening syst Titov. Vest. vys. shkoly 19 no.

EVERGREENS see subdivision und

EVICTION
Eviction of tenants by administrat poport. Sov. iust. no. 4:58-60

EVIDENCE, CIRCUMSTANTIAL
Circumstantial evidence based on t cused. G. Mud'iugin. Sots. zako '61.

EVIDENCE, DOCUMENTARY
Exposure of invisible texts written in violet ink. Vybornova. Sov. krim. na sluzh. sled. no. 14:80
The use of diffusion copying in the examination of ments. A. A. Gusev., A. M. Popov. Sov. krim. na sled. no. 11:169-182 '61.
The use of diffusion copying in the work of the Mo Research Laboratory of Forensic Expertise. A. Sheino. Sov. krim. na sluzh. sled. no. 14:183-19

EVIDENCE, EXPERT
The automation of dactyloscopic expertise. L. G. Sov. krim. na sluzh. sled. no. 14:137-151 '61.
Criminal investigation of homemade "fountain pe arms. L. I. Georgiev. Sov. krim. na sluzh. sled. 198-204 '61.
Expertise to establish place and time of the prod manufactures. S. Sh. Kasimova. Sov. krim. na sl no. 14:64-79 '61.
Expertise to establish whether a certain object is arm. S. D. Kustanovich. Sov. krim. na sluzh. sled. 192-197 '61.
The possible use of infrared luminescence in the of the erased and washed off texts of documents Kucherov. Sov. krim. na sluzh. sled. no. 14:152
Prituzova, V. A. [Evaluation of findings of exper appellate courts] Otsenka zaklliuchenita kriminal cheskoi ekspertizy vyshestoiashchim sudom. [Izd-vo Mosk. univ., 1960. 36 p.
Some shortcomings in judicial evaluation of the of experts. V. Korotych. Rad. pravo no. 2:102 Mi-Ap '60.
Some problems of forensic expertise in the new procedure code of the R. S. F. S. R. A. Shlinkho iust. no. 11:10-14 Je '61.
Special problems concerning the expertise of thef mond mining. V. M. Pochinkin. Sov. krim. na slu no. 14:46-63 '61.

EVOLUTION
A. A. Zavarzin's concept of tissue evolution and methods in its further development. S. I. Shche Arkh. anat. gist. i embr. 39 no. 7:3-12 Jl '60.
Factors determining changes of ontogenesis in c [with summary in English]. B. S. Matveev. Ar gist. i embr. 38 no. 3:3-16 Mr '60.
Pravdin, F. N. [Darwinism; a book for teachers vinizm, kniga dlia uchitelia. Moskva, Gos. uch pedagog. izd-vo M-va prosv. RSFSR, 1960. 33

EXCAVATING MACHINERY
Basic stages in the development of bucket excav P. A. Nadal'iak. Trudy Inst. ist. est. i tekh. 3 '61.
Giant excavators. I. I. Khudiakov. Znan. ta prat no. 4:6-7 Ap '61.
Heating the excavator operator's cab. Transp. s il no. 4:54 Ap '61.
Increase the efficiency of excavators. M. M. Sok Ugol' 36 no. 5:45-48 My '61.
Main winch of a multimotor excavator with plane A. G. Grishanov. Izv. vys. ucheb. zav., gor. zhu no. 2:123-125 '60.
Problem of pulling the bucket of a dragline. V. Chernyi. Izv. vys. ucheb. zav.; gor. zhur. no. 123-130 '59.
Scraper excavator based on the ESh-4/40 walkin tor. Gidr. stroi. 31 no. 4:52 Ap '61.
Technical efficiency of rotary excavators. A. S. kov, IU. A. Chernegov. Ugol' 36 no. 5:46-51
Without teeth but biting. S. Reshedko. Izobr. i ra 8-9 My '61.

EXERCISE

Change in the character of oxidative processes during the performance of work at moderate and maximum tempo in different combinations N P Piemenko Fiziol zhur 46 no 2 236-243 F '60

Effect of muscular work on the restoration of conditioned reflex activity in dogs [with summary in English]. I. N. Cherniakov. Zhur. vys. nerv. deiat. 10 no. 2:31-235 Mr-Ap '60.

Effect of the nature of work on arterial pressure in human subjects under Arctic and Antarctic conditions. N. R. Payleev Klin. med. 39 no 5 22-27 My '61

Water losses and replacement during muscular activity in dogs under conditions of high environmental temperature M P Shek Fiziol zhur 47 no 5 613-616 My '61

EXERCISE THERAPY

Exercise therapy in diaphysial fractures of the bones of the forearm after intraosseous fixation with metal nails [with English summary in insert] L. N. Naumova. Ortop travm. i protez 22 no. 1 59-61 Ja '61.

"Exercise therapy in the clinical aspects of nervous diseases" by V N Moshkov Reviewed by O A Sheinberg, S M Petelin Vop kur , fizioter i lech fiz kul't 26 no 1 83-84 '61

Exercise therapy in the over-all treatment of chronic gastritis under sanatorium conditions I L Sofronova Vop kur , fizioter i lech fiz kul't 26 no 1 31-34 '61

Massage and exercise as a therapeutic factor in rickets in children. Z. S. Machkhina. Med. sestra 20 no. 3 32-34 Mr '61.

EXHIBITIONS see subdivision under Great Britain, Kiev; London, Moscow, Paris, Turin

EXOPHTHALMIC GOITER see Graves' disease

EXOPHTHALMOS

Surgical treatment of genuine traumatic pulsating exophthalmos according to Professor S. S. Golovin's combined method [with summary in English]. L. A. Dymshits. Oft. zhur. 16 no. 3 166-170 '61.

EXPANDED METAL

Stress distribution in surface layers of expanded 10G steel pipes. V. A. Gladkovskii. Stal' 21 no. 6.542 Je '61.

EXPERIENCE

How V. I. Lenin analyzed the philosophical concept of "experience" and criticized subjectivism in cognition I G Petrov Vest Mosk un Ser. 6 Ekon , filos 15 no. 1 51-66 '60

EXPERIMENTAL MEDICINE see Medicine, Experimental

EXPERT EVIDENCE see Evidence, Expert

EXPLOSIONS

Properties of the solution to the problem of point explosion in compressible media. N N Kochina, N. C. Mel'nikova. Dokl. AN SSSR 136 no 2:326-329 My '61.

EXPLOSIVES

Phlegmatization of explosives G. T Afanas'ev, V k. Bobolev Dokl. AN SSSR 138 no 4 886-889 Je '61

EXPONENTIAL FUNCTIONS see Functions, Exponential

EXTRACTION (CHEMISTRY)

Extraction of the total radioactive isotopes with esters of but, iphosphonic acids. A V Nikolaev, S. M Shubina, N. M Sinitsyn. Radiokhimiia 2 no 1 3 5 '60.

Kinetics of the extraction of toluene by diethylene glycol from a mixture of toluene with n-heptane in packed columns M Kh. Kishinevskii, L. A Mochalova Zhur prikl. khim 33 no. 10:2344-2349 O '60

Method of determining the composition of an extracted complex. A. V. Nikolaev, M. P. Mikhailova Dokl AN SSSR 136 no 5 1102-1103 F '61

Quaternary system $FeCl_3$ - HCl - H_2O - $(C_2H_5)_2O$. A. V. Nikolaev, M. P. Mikhailova. Izv Sib. otd. AN SSSR no. 3 46-53 '61.

EXTRACTION APPARATUS see subdivision under Armavir

EXTRACTS

Biological activity of combined tinctures of poplar and birch buds [with summary in English]. M. S Khovanskaia. Antibiotiki 6 no 4:368-369 Ap '61

Possibility of increasing resistance to malignant tumors with the aid of biological stimulators. M E Timoshechkina Vop onk. 7 no. 3:94-98 '61.

EXTREMITIES (ANATOMY)—ABNORMITIES AND DEFORMITIES

Recent data on the duplication of extremities in frogs under natural conditions [with summary in English]. A. A. Voitkevich. Biul. eksp. biol. i med. 49 no. 3:102-105 Mr '60.

EXTREMITIES (ANATOMY)—WOUNDS AND INJURIES

Trophic disturbances of the bones following injuries of the nerve trunks of the extremities. G. N. Esinovskaia. Vop. psikh. i nevr. no. 5:299-300 '59.

EXTREMITIES, LOWER

Comparison of the skeletal peculiarities of the lower extremities in athletes with the electrophysiological properties of the muscles [with summary in English] P N. Sokolov, L K Zhukov, IU Z Zakhar'iants Arkh anat gist i embr 40 no. 2 12-18 F '61.

Experimental study on segmental innervation of the muscles of the hind legs of the cat [with summary in English] A I Kononskii Arkh anat gist i embr 40 no 2, 59-64 F '61

EXTRUSION (METALS)

Changes in the mechanical properties of iron deformed by high pressure fluid extrusion. IU N. Riabinin, B.I. Berseney, B. P. Domiashkevich. Fiz. met i metalloved. 11 no 4 630-633 Ap '61

EXUDATION (BOTANY)

Total amount of carbon in root excretions of plants grown in sterile cultures with permanent and varied nutrient solutions [with summary in English]. N. V. Moshkov. Izv. AN SSSR, Ser. biol no 3:352-361 My-Je '61

EYE

Size and structure of the visual analyzer (the eye and optic lobes of the brain) of various types of birds in connection with their way of life [with summary in English] T A Skvortsova Arkh anat gist i embr. 38 no 4 34-41 Ap '60

EYE—ACCOMMODATION AND REFRACTION

Local dark adaptation in detachment of the retina [with summary in English]. L. M. Miroshnikova. Oft. zhur. 16 no. 3:170-174 '61.

EYE—CARE AND HYGIENE

Hygiene of vision. M. G. Rabinovich. Med. sestra 20 no. 3:43-46 Mr '61.

EYE—DISEASES AND DEFECTS

Case of abscess of the caruncula lacrimalis. A. A. Alekseev. Oft. zhur. 16 no. 3:188 '61.

Gonioscopy in diseases of the vascular tract [with summary in English]. B. A. Gundorova. Oft. zhur. 16 no. 3:179-181 '61.

Use of the sea water preparation OMV in the clinical treatment of progressive myopia, retinitis pigmentosa, and trachomatous pannus [with summary in English]. S. P. Skripchenko. Oft. zhur. 15 no. 3.154-159 '60.

EYE—EXAMINATION

Fundus oculi in hydrops of pregnancy and in early toxicosis (vomiting). E. I. Bukshpan. Ped., akush. i gin. 22 no. 4:43-46 '60.

EYE—INNERVATION

Variations in the structure of the ciliary plexuses in some types of vertebrates [with summary in English] N. V Frygin Arkh. anat. gist i embr. 40 no 2 87-93 F '61

EYE—PROTECTION

Kleibs, B. D. [Protect your eyes in industry] Beregite glaza na proizvodstve. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 29 p. (Nauchno-populiarnaia meditsinskaia literatura)

EYE—TUMORS

Clinical aspects and treatment of neoplasms of the limbus and cornea [with summary in English]. O. Kotelianskii, N. N. Erokhina. Oft. zhur. 15 no. 3.134-138 '60.

Melanoblastoma of the eyeball and its appendages [with summary in English]. N. K. Saushkina. Oft. zhur. 15 no. 3:138-144 '60.

Statistics on eye tumors [with summary in English]. O. A. Katorgina. Oft. zhur. 15 no. 3:145-148 '60.

EYE—WOUNDS AND INJURIES

Kleibs, B. D. [Protect your eyes in industry] Beregite glaza na proizvodstve. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 29 p. (Nauchno-populiarnaia meditsinskaia literatura)

Present status of the problem of treating penetrating wounds of the eyeball. I. F. Kopp. Oft. zhur. 15 no. 3. 180-187 '60.

Prevention of and first aid in eye injuries at a feldsher-midwife center. V. L. TSvetkov. Fel'd. i akush. 26 no. 5:15-18 My '61.

EYE, INSTRUMENTS AND APPARATUS FOR

Photographing Purkinje images [with summary in English]. E. G. Shaer. Oft. zhur. 15 no. 3:171-175 '60.

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 271-57 for checking sets of optometric test lenses] Instruktsiia 271-57 po poverke meditsinskikh naborov probnykh ochkovykh stekol. Izd. ofitsial'noe. Moskva, 1957. 22 p.

EYELIDS—DISEASES

Blepharitis and blepharoconjunctivitis. M. G. Margolis. Fel'd. i akush. 26 no. 5:12-15 My '61.

EYEGLASSES

Selection and study of alloys used for eyeglass frames. S. Z. Goltberg. Med. prom. 15 no. 3 27-32 Mr '61.

Unusual spectacles. Znan. ta pratsia no. 4:16 Ap '61.

EYES, ARTIFICIAL

Prosthesis for restoration and expansion of the conjunctival cavity. E. I. Kliutsevaia. Oft. zhur. 16 no. 3 182-184 '61.

FABRICS, WATERPROOFING OF see Waterproofing of fabrics

FACADES

Raise the quality of ceramic finishes for exterior walls Stroitel' no 1 29-30 Ap '61

FACE—ABNORMITIES AND DEFORMITIES

Rare congenital developmental anomaly of the maxillofacial region (double mouth). V. P. Tatarinov. Stomatologiia 40 no 2:92-93 Mr-Ap '61

FACE—SURGERY

Return to life. G. Zubkova. Sov. voin 41 no 1 28-29 F '60.

Use of potentialed intratracheal anesthesia in maxillofacial surgery. I. N Mukovozov. Akt. vop. obezbol. no. 2:63-68 '59.

FACE—TUMORS

Treatment of odontogenic subcutaneous facial granuloma G. V Staren'kova. Stomatologiia 40 no 1 64-65 Ja-F '61.

FACIAL NERVES see Nerves, Facial

FACTORIES—DESIGN AND CONSTRUCTION
(see also subdivision under Ural Mountain region)

Basic conditions and normative data for planning employee facilities and factory dining rooms S S Naumov Opyt stroi no 12:5-50 '60.

Color and sound, our allies Iurii Novikov, K. I. Konf'ev. Smena 38 no. 7,21-22 Ap '61

Employee facilities and factory dining rooms. I N. Filippovich Opyt stroi no 32 51 91 '60

Eye and color. E. Rabkin, E. Sokolova. Okh. truda i sots. strakh. 4 no. 5:18-20 My '61.

Modular standardization of one-story industrial buildings. N. A. Ushakov. Prom. stroi. 38 no. 5.5-13 '60.

New designs of multistoried industrial buildings. N. P. Shalamov, T. N. Kozhevnikova. Prom. stroi 38 no. 5 25-28 '60

FACTORIES—MODELS

Economic advantages of the use of models in industrial planning. A Vishnevskii. Ekon stroi no 4.16-21 Ap '61.

FACTORIES—FIRES AND FIRE PREVENTION

Judged by comrades. I. Komarov, N. Dugin. Pozh. delo 7 no. 5 8 My '61.

FACTORY MANAGEMENT
(see also subdivision under Leningrad)

Calculating the duration of a production cycle under continuous-production conditions. L. E. Varlamian. Sbor. nauch. trud. ERPI no. 20.127-136 '59.

Concentration of the production of small fastenings and organization of specialized shops of an economic size. E. M. Karlik. Vest. mash. 41 no. 5:80-85 My '61.

Industrial management without divisional shops N P'yshov. Rech. transp 19 no 2:44-45 F '60

Industrial planning for multiple machining of parts. L. I. Andronov. Vest. mash. 41 no. 5:70-80 My '61.

Raise the role of a foreman. P. N. Tverdokhlebov. Mashinostroitel' no. 5:41 My '60.

FADEEV, ALEKSANDR ALEKSANDROVICH, 1901-1956

A book on friendship ("A. Fadeev; Letters written to Far Easterners, A Fadeev in memoirs." Reviewed by N. Dikushina). Novyi mir 37 no. 5:253-255 My '61.

FAIZ, FAIZ AKHMAD

Verse from prison. Al. Surkov. Novyi mir 36 no. 4:120-121 Ap '60.

FALLOPIAN TUBES—BLOOD SUPPLY

Vascularization of the fallopian tubes under normal and pathological conditions [with summary in English] V. P. Pichuev Arkh anat gist. i embr 40 no. 2. 94-100

FAMILY

V. I. Lenin on the family and marriage I Bilenchuk Rad pravo no 2.45-47 Mr-Ap '60

FANS, ELECTRIC

Calculation of initial critical speeds of the rotor wheel of a mine fan. D. IA. Moniseenko. Izv vys. ucheb. zav , gor zhur. no. 2.161-166 '60.

FANS, MECHANICAL

Kara, P. F., and G. A. Babak. [VTsO3, 1-110/450 centrifugal mine fan] Shakhtnyi tsentrobezhnyi ventilator VTsO3, 1-110/450. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 42 p.

FAOLITE

Effect of chrysotile asbestos on the quality of faolite. I. A. Egorov. Plast. massy no. 6:63-65 '61.

FAR EAST—CYCLONES

Some characteristics of synoptic processes observable in winter in the region of the Far Eastern seas. I. R. Sonkin. Meteor. i gidrol. no. 6, 21-27 Je '61.

FAR EAST—GEOLOGY, STRUCTURAL

Mongolo-Okhotsk geosyncline area and its place in the structure of eastern Asia. L. I. Krasnyi. Biul. VSEGEI. no. 1, 3-21 '58.

FAR EAST, SOVIET see Soviet Far East

FARM BUILDINGS
(see also subdivision under Kostroma Province)

All-purpose livestock structure. D. Lukhtanov, P. Shchurin. Sel'. stroi. 15, no. 3, 16 Mr '61.

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Standards and technical specifications SN-116-60 for designing livestock buildings] Normy i tekhnicheskie usloviia proektirovaniia ferm krupnogo rogatogo skota. SN 116-60, Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 32 p. (DA)

FARM BUILDINGS—FIRES AND FIRE PREVENTION see subdivision under Ivanovo Province, Novouzensk District

FARM BUILDINGS—HEATING AND VENTILATION

New systems of natural ventilation. Sel'. stroi. 15, no. 3, inset 1-3 Mr '61.

FARM EQUIPMENT

Adapting the hopper of the KU-2A combine for feed distribution. P. I. Kozel. Mekh. sil'. hosp. 12, no. 6, 22 Je '61.

Machinery for preparing and distributing green forage. P. Mal'nev. Tekh. v sel'khoz. 20, no. 4, 24-26 Ap '60.

Machinery for summer field shelters. L. I. Bryzhalin. Mekh. sil'. hosp. 12, no. 5, 19 My '61.

Principles of selecting parameters for disk-type root crop cutters. V. M. Syniavs'kyi. Visnyk sil'hosp. nauky. 4, no. 4, 102-104 Ap '61.

FARM EQUIPMENT—EXHIBITIONS

Under the flags of five countries. V. I. Kirs. Znan. ta pratsia, no. 2, 8-10 F '61.

FARM LIFE see subdivision under Kremenchug District; Ukraine

FARM MANAGEMENT
(see also subdivision under Aktyubinsk)

Anisimov, N. I. [Learn how to be a manager] Uchis' khoziaistvovat'. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 37 p. (Dlia slushatelei sel'skikh nachal'nykh ekonomicheskikh shkol i kruzhkov. Tema 1) (DA)

At the front lines of the struggle for the agricultural upsurge. A. Karavaev. Vop. ekon. no. 5, 126-131 My '61.

FARM MANURE

How we organized the transportation of manure. P. Vinokurov. Tekh. v sel'khoz. 20, no. 4, 82-83 Ap '60.

FARM MECHANIZATION
(see also subdivision under Alma-Ata Province; Altai Territory, Kirovograd Province, Krasnogvardeyskoye District, Crimea Province; Odessa Province; Ukraine, Uzbekistan; White Russia)

Akademiia sel'skokhoziaistvennykh nauk BSSR. Navukova dasledchy instytut mekhanizatsyi i elektryfikatsyi sel'skai haspadarki. [Transactions of the 1958 Scientific Conference] Trudy Nauchnoi konferentsii 1958 goda. Pod red. M. E. Matsepuro. Minsk, Izd-vo Akad. sel'khoz. nauk BSSR, 1959. 199 p.

Answering readers questions. Mekh. sil'. hosp. 12, no. 5, 24-27 My '61.

A club of the enthusiasts of technology. D. Sokolov. Sots. kul't. 14, no. 5, 10-11 My '61.

Economic basis of methods for mechanizing work on stockbreeding farms. M. I. Goriachkin. Dokl. i soob. VNIESKH, no. 8, 154-168 '60.

Electrification and technological progress in agriculture. S. Shchurov. Vop. ekon. no. 5, 27-35 My '61.

Following Lenin's footsteps. M. Berezin. Tekh. v sel'khoz. 20, no. 4, 1-4 Ap '60.

From the wooden plough to the automat. P. Obloga. Znan. ta pratsia, no. 5, 2-5 My '61.

Methodological problems in the balance of the national economy. M. Bor, A. Notkin. Vop. ekon. no. 5, 36-47 My '61.

New manuals on farm mechanization. O. M. Ser'ohina. 12, no. 5, 30-31 My '61.

Pay more attention to efficient management. P. Bogdanov. Tekh. v sel'khoz. 20, no. 4, 13 Ap '60.

School of mechanical skill. V. S. Vashchenko. Mekh. sil'. hosp. 12, no. 6, 3 Je '61.

Science is a compass of agriculture. Znan. ta pratsia, no. 5, 2 My '61.

Spring in the brigade. N. Kiselev, V. Felitsyn. Sel'. mekh. no. 5, 4-5 '61.

This is what the farms will get. Mest. prom. i bhud. promys. 2, no. 5, 22 My '61.

To teach and to help is the motto of the leading workers. Mekh. sil'. hosp. 12, no. 5, 1-2 My '61.

Useful methods. IU. Popov, A. Belozertsev. Tekh. v sel'khoz. 20, no. 4, 11-12 Ap '60.

FARM MECHANIZATION—BIBLIOGRAPHY see Bibliography—Farm mechanization

FARM MECHANIZATION—STUDY AND TEACHING

Technical progress in agriculture and the training of machine operators in general schools. A. M. Kirilkhin. Shkola i proizv. 5, no. 5, 59-71 My '61.

FARM PRODUCE see subdivision under Dobrinka District

FARMHOUSES

Some new features of the contacts of workers with collective farmers. D. M. Kosaryk. Nar. tvorch. ta etn. 1, no. 1, 68-72, O-D '60.

FARMS see subdivision under Iowa

FASCISM

Neofascism. Ernst Henri. Mir. ekon. i mezhdunar. otn. no. 6, 51-66 Je '61.

FASHION
(see also subdivision under Kiev, Poland)

What is fashionable this year. I. Efremova. Sov. torg. 34, no. 5, 18-50 My '61.

FASTENINGS

Concentration of the production of small fastenings and organization of specialized shops of an economic size. E. M. Kurlik. Vest. mash. 41, no. 5, 80-85 My '61.

Determining the yield of intermediate parts of a threaded joint. I. A. Birger. Vest. mash. 41, no. 5, 41-44 My '61.

Elastic deformations in stressed dismountable joints. E. B. Vitkup. Vest. mash. 41, no. 5, 44-46 My '61.

Green light to ShEZ locks. V. I. Illushin, A. N. Osipov. Mashinostroitel'. no. 5, 18-19 My '60.

Retaining springs. A. A. Belous. Mashinostroitel'. no. 5, 19 My '60.

FASTING

Dynamics of the mitotic activity of the corneal epithelium in white mice during fasting [with summary in English]. O. T. Movchan. Biul. eksp. biol. i med. 50, no. 7, 90-93 Jl '60.

FASTOV DISTRICT—FERTILIZERS AND MANURES

For the future harvest. V. Kislenko. Komsom. zhizn'. no. 5, 25 Mr '60.

FASTS AND FEASTS—JUDAISM

IAmpol'skyi, K. I. [Origin and class nature of Jewish holidays and rites] Pokhodzhennia ta klasova sut' iudais'kykh sviat i obriadiv. Kyiv, 1961. 47 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 2, no. 2)

FAT

On so-called lipophanerosis observable in irradiated cells [with summary in English]. V. M. Alekseeva. Zhur. ob. biol. 22, no. 2, 146-149 Mr-Ap '61.

Prolonged retention of the capacity of bacteria to decompose fat [with summary in English]. G. L. Seliber, L. V. Dobrovol'skaia. Mikrobiologiia 30, no. 1, 54-55 Ja-F '61.

FAT METABOLISM

Determination of the intermediate products of fat oxidation in tissue slices. S. M. Shibaeva. Biul. eksp. biol. i med. 51, no. 2, 120-122 F '61.

Effect of excision of the thymus gland on various indicators of nitrogen and fat-carbohydrate metabolism in rats. S. G. Gasanov, T. S. IAkusheva. Probl. endok. i gorm. 7, no. 2, 23-30 Mr-Ap '61.

FATIGUE

Determining the beginning of fatigue by means of the thermometer. A. D. Sitnikov. Teor. i prak. fiz. kul't. 24, no. 5, 380-383 '61.

Fatigue in pigeons and chickens after transection of the ventral and lateral portions of the spinal cord. K. A. Shoshenko. Fiziol. zhur. 47, no. 2, 247-252 F '61.

Relations between fatigue and type of higher nervous activity (from data of ergographic studies) [with summary in English]. D. Mateev, V. Georgiev. Fiziol. zhur. 46, no. 2, 141-147 F '60.

FATTY ACID METABOLISM

Hematin catalysis of vitamin A and fat oxidation [with summary in English]. A. A. Dmitrovskii. Biokhimiia 26, no. 2, 225-233 Mr-Ap '61.

FATTY ACIDS see Acids, Fatty

FAUCETS

Plastic faucets. V. I. Chernykh. Plast. massy no. 6, 66-67 '61.

FAULTS (GEOLOGY)
(see also subdivision under Sikhote-Alin' Range; Transbaikalia)

Role of tectonic faults in the formation of oil and gas deposits in the Carpathian piedmont trough. N. N. Dolenko. Geol. zhur. 20, no. 1, 84-89 '60.

FAVORSKII, ALEKSEI EVGRAFOVICH, 1860-1945

His creation is an era in chemistry, on the 100th anniversary of A. E. Favorskii's birth. O. Pinaz'hevskii. Sov. voin. 11, no. 4, 23 F '60.

FAVUS

Lubashevskaia, L. N. [Favus] Favus, ili parshа. [Voronezh] Voronezhskoe knizhnoe izd-vo, 1959. 14 p. (Sovety vracha) (DNLM)

FEATHERS

Molting in some species of corvoid birds (Corvidae) [in Azerbaijani with summary in Russian]. G. T. Mustafaev. Uch. zap. AGU. Biol. ser. no. 1, 37-41 '60.

FEDERATION OF RHODESIA AND NYASALAND see Rhodesia and Nyasaland

FED'KOVYCH, IURII, 1834-1888

"Works in two volumes" by IUrii Fed'kovych. Reviewed by F. P. Pohrebennyk. Rad. lit. 5, no. 2, 126-130 Mr-Ap '61.

FEDOROV, ALEKSEI FEDOROVICH

General Orlenko. Vl. Pavlov. Sov. Ukr. 11, no. 5, 116-122 My '61.

FEDOROV, IVAN, d. 1583

Ivan Fedorov's work on the texts of the "Acts of the Apostles" and "Prayer Book," and his flight to Lithuania. G. I. Kollada. Trudy ODRI. 17, 225-254 '61.

FEDOTOV, PAVEL ANDREEVICH, 1815-1852

Pavel Andreevich Fedotov. Moskva, Gos. izd-vo izobraz. iskus., 1958. 13 p. illus.

FEED MECHANISMS

Optimum operating conditions of vibratory feed mechanisms. V. A. Povidailo. Stan. i instr. 31, no. 5, 3-7 My '60.

FEED MECHANISMS—STANDARDS

Equipment for fuel feeding from bunkers. P. N. Kuznetsov. Standartizatsiia 25, no. 5, 52-53 My '61.

FEED MILLS

Automation of mixed feed mills. G. Fedorishchenko, A. Mikhal'chuk. Tekh. v sel'khoz. 20, no. 4, 21-23 Ap '60.

FEED WATER

Dependence of the efficiency of a boiler unit on the feed water temperature. A. V. Zmachinskii. Elek. sta. 32, no. 5, 5-7 My '61.

Remarks on R. N. Aksel'rud and N. S. Litvinova's article "Improved method for determining the content of carbonic acid." R. L. Babkin. Elek. sta. 32, no. 5, 91 My '61.

FEED-WATER PURIFICATION

Decrease in the loss of condensate at electric power plants. S. E. Shitsman. Energetik 9, no. 5, 11-13 My '61.

Govert, A. A. [Water treatment for steam engines] Vodopodgotovka dlia lokomobilei. Moskva, Gos. energ. izd-vo, 1960. 188 p.

Improvement in the operation of deaerators. V. V. Nagaiov. Elek. sta. 31, no. 12, 75-76 D '60.

Series regeneration of H-cation filters with specific consumption of acid approaching the theoretical value. A. S. Deinekina. Elek. sta. 31, no. 12, 72-75 D '60.

FEEDING

Amino acids and the feeding of farm animals. Gidrolizn. i lesokhim. prom. 14, no. 4, 32 '61.

Effect of surface active substances of petroleum origin on the growth and development of animals. IU. G. Mamedaliev, M. A. Akhundov, L. S. Mustafaev. Uch. zap. AGU. Biol. ser. no. 3, 3-11 '60.

Theoretical principles of feeding farm animals. I. A. Lobachev. Vest. sel'khoz. nauki 6, no. 5, 151-153 My '61.

FEEDS
(see also subdivision under Tula Province)

Calories plus chemistry; new ways of increasing the nutritional value of feeds. V. Orlov. Tekh. mol. 29, no. 4, 3-4 Ap '61.

FEEDS—ANALYSIS see subdivision under Novosibirsk Province

FELDSPAR
(see also subdivision under Kazakhstan; Rezhik region)

Quartz-feldspar metasomatites in skarns. V. A. Zharikov. Dokl. AN SSSR 138, no. 3, 671-673 My '61.

FELON (DISEASE)

Treatment of initial forms of paronychia. L. L. Gol'dzand. Zdrav. Belor. 6, no. 4, 53-54 Ap '60.

FELTWORK

Pil'shchikov, M. P. [Technology of feltwork and the manufacture of felt goods] Tekhnologiia valial'no-voilochnogo proizvodstva. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1960. 570 p.

FEMORAL ARTERY

Oscillographic changes during by-pass anastomosis of the femoral artery in experimental conditions. V. M. Sokolov. Khirurgiia 37 no 5:51-57 My '61

FEMORAL VEIN

Plasticity of the blood vessels of the pelvic extremities in dogs in experimental disorder of efferent blood flow [with summary in English]. A. G. Fedorova. Arkh. anat. gist. i embr. 38 no. 3:84-89 Mr '60

FEMUR—DISEASES

Reconstruction of the knee joint in the absence of one of femoral condyles. Z. A. Liandres. Ortop. travm. i protez. 22 no. 1:76-77 Ja '61

FEMUR—FRACTURE

Fate of bone fragments following infliction of gunshot fractures of the femur [with English summary in insert]. V. F. Trubnikov. Ortop. travm. i protez. 22 no. 1:44-48 Ja '61

Surplus callus formation following femoral fracture. G. A. Gil'manova. Med. zhur. Uzb. no. 11:68-70 N '60.

FEMUR—HYDATIDS

Echinococcus of the left femur. G. V. Rostovskii, V. I. Kursheva. Zdrav. Turk. 5 no. 2:30 Mr-Ap '61

FEMUR—WOUNDS AND INJURIES

Case of bilateral distal epiphysiolysis of the femur. V. S. Sukhin. Ortop. travm. i protez. 22 no. 1:74-75 Ja '61.

FENCING

Keeping account of points in fencing. M. L. Berger. Teor. i prak. fiz. kul'. 24 no. 2:145-146 '61

FEODOSIYA REGION—ALGAE

Radioactivity of some higher algae in the region of Feodosiya. O. G. Mironov. Dokl. AN SSSR 138 no. 3:686-687 My '61.

FERGANA—ANTIMONY ORES

Genesis of mercury-antimony deposits of southern Fergana [with summary in English]. N. A. Ozerova. Geokhimiia no. 3:251-260 '60.

FERGANA—COLLECTIVE FARMS

Awakened steppe. IA. S. Nasriddinova. Uzbekistan 19 no. 4:7 Ap '60.

For the good of all people. M. Kodirov. Uzbekistan 19 no. 4:17 Ap '60.

FERGANA—GAS, NATURAL

Studying gases dissolved in formation waters of Fergana fields. V. E. Narizhnaia. Geol. nefti i gaza 4 no. 4:47-52 Ap '60.

FERGANA—GEOLOGY, STRATIGRAPHIC

"Petrography of upper Cretaceous sediments of southern Fergana" by A. G. Babaev. "Petrography of upper Cretaceous sediments of southeastern Fergana" by A. M. Akramkhodzhaev ("Trudy" of the Uzbek Institute of Geology, no. 10, 1954). Reviewed by Ch. M. Khalifa-Zade. Izv. AN Uz. SSR no. 4:77-79 '56.

FERGANA—IRRIGATION

Awakened steppe. IA. S. Nasriddinova. Uzbekistan 19 no. 4:7 Ap '60.

FERGANA—MERCURY ORES

Genesis of mercury-antimony deposits of southern Fergana [with summary in English]. N. A. Ozerova. Geokhimiia no. 3:251-260 '60.

FERGANA—MINERALS IN SOILS

Reduction of sulfates in rice field soils of Central Fergana. T. P. Kriuger, V. I. Semenova. Uzb. biol. zhur. no. 2:8-11 '61.

FERGANA—SOLONCHAK SOILS

Rice cultivation as a method for desalting Solonchaks in central Fergana. A. F. Shelaev, T. P. Kriuger. Izv. AN Uz. SSR no. 5:25-34 '56

FERGANA—WATER, UNDERGROUND

Quaternary sediments of northern Fergana as aquifers. A. N. Sultankhodzhaev, G. V. Kulikov. Uzb. geol. zhur. no. 2:35-41 '61.

FERMENTATION

Calcium ions in various fermentations of sulfite liquors and wood hydrolyzates. L. Lefransua, Gidroliz. i lesokhim. prom. 14 no. 4:5-6 '61.

Carbohydrate fermentation by Leptospira. A. S. Samedov. Uch. zap. AGU. Biol. ser. no. 1:79-85 '60.

FERMENTATION—MICROBIOLOGY

Harmful microorganisms encountered in the process of production of citric acid from molasses. R. IA. Kārlinš, B. IA. Kestere. Trudy VKNII no. 14:151-155 '59.

FERNS

Bolkhovitina, N. A. [Fossil and recent spores of the family Schizaeaceae] Iskopaemye i sovremennye spory semeistva shizeinykh. Moskva, Izd-vo Akad. nauk SSSR, 1961. 175 p. (Akademiia nauk SSSR. Geologicheskii institut. Trudy, no. 40)

FERRATES

Coefficient of transmission of resonator ferrite devices. IU. E. Lavrenko. Izv. vys. ucheb. zav., radiotekh. 4 no. 2:127-139 Mr-Ap '61.

Effect of small additions of cobalt on the hysterisis loop in nickel-zinc ferrites. A. D. Sokolov, IA. S. Shur. Fiz. met. i metalloved. 11 no. 5:681-685 My '61.

[Ferrites in nonlinear microwave devices; collected articles. Translated from the English. Preface by A. G. Gurevich] Ferrity v nelineinykh sverkhvysokochastotnykh ustroistvakh; sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1961. 634 p.

Galvanomagnetic effect in ferrites in the region of the Curie point. K. Zaveta. Fiz. tver. tela 3 no. 3:856-860 Mr '61

FERROCENE

o-Carboxybenzoylferrocene reactions. A. N. Nesmeianov, V. D. Vil'chevskaia, N. S. Kochetkova. Dokl. AN SSSR 138 no. 2:390-392 My '61.

FERROCYANIDES

Effect of oxygen absorption on the oxidation of ferrocyanide ions on a gold electrode [with summary in English]. O. L. Kabanova. Zhur. anal. khim. 16 no. 2:135-140 Mr-Ap '61.

Effect of temperature on the process of extracting mixed heavy metal ferrocyanides in dissolved colloidal form from their hydrosols by means of emulsification. L. D. Skiylev, S. G. Mokrushin, V. I. Borisikhina. Zhur. prikl. khim. 34 no. 3:538-541 Mr '61.

FERROELECTRIC SUBSTANCES

Antiferroelectric properties of certain solid solutions formed on the basis of $PbMg_{1/2}W_{1/2}O_3$. G. A. Smolenskii, N. N. Krainik, A. I. Agranovskaia. Fiz. tver. tela 3 no. 3:981-990 Mr '61

FERROELECTRIC SUBSTANCES—ELECTRIC PROPERTIES

Electric and optical properties of ferroelectric single crystals having a broad phase transition range. V. A. Bokov, I. E. Myl'nikova. Fiz. tver. tela 3 no. 3:841-855 Mr '61

FERROELECTRIC SUBSTANCES—OPTICAL PROPERTIES

Electric and optical properties of ferroelectric single crystals having a broad phase transition range. V. A. Bokov, I. E. Myl'nikova. Fiz. tver. tela 3 no. 3:841-855 Mr '61.

FERROELECTRICITY

Oxygen-octahedral type ferroelectrics having a laminar structure. G. A. Smolenskii, V. A. Isupov, A. I. Agranovskaia. Fiz. tver. tela 3 no. 3:895-901 Mr '61.

FERROMAGNETIC RESONANCE

Ferromagnetic resonance in thin films. I. V. Kirenskii, V. A. Ignatchenko, O. G. Baklanov. Izv. AN SSSR. Ser. fiz. 25 no. 5:640-642 My '61.

FERROMAGNETISM

Changes in saturation magnetostriction in annealing hardened ferromagnetic materials. I. IA. Dekhtiar, E. G. Madatova. Fiz. met. i metalloved. 11 no. 4:507-512 Ap '61.

Effect of indirect exchange interaction in the magnetism theory of transition metals and rare earths. Part 2. Antiferromagnetism. B. V. Karpenko and others. Fiz. met. i metalloved. 9 no. 4:481-487 Ap '60.

Error in measuring the characteristics of ferromagnetic materials in relation to the current supplied by a rectifier to the ballistic apparatus. Zav. lab. 27 no. 5:572-574 '61.

Experimental investigation of the effect of elastic strain, heat treatment and the crystal structure of a ferromagnetic specimen on the intensity of magnetic sounds. N. N. Kolachevskii. Fiz. met. i metalloved. 11 no. 2:211-214 F '61.

Ferromagnetic and paramagnetic Curie points. V. M. Zaitsev. Fiz. met. i metalloved. 11 no. 5:803-805 My '61.

Magnetic properties of nickel depositions obtained by the method of chemical nickel plating. N. V. Kotel'nikov, V. I. Gachegov. Izv. AN SSSR. Ser. fiz. 26 no. 5:655-659 My '61.

Motion-picture photography of processes in the change of the magnetic structure of thin ferromagnetic films in a magnetic field. L. V. Kirenskii, V. A. Buravikhin, M. K. Savchenko. Fiz. met. i metalloved. 11 no. 4:529-532 Ap '61.

Phenomenological theory of the electric conductivity of ferrites and antiferromagnetic materials. E. A. Turov, IU. P. Irkhin. Fiz. met. i metalloved. 9 no. 4:488-497 Ap '60.

Physical principles of determining the magnetic properties of sinters in the average field area. V. V. Chekin. Trudy Inst. chern. met. AN URSR 12:79-88 '60.

Spin-wave theory of magnetic resonance absorption in antiferromagnetic metals. IU. A. Iziumov. Fiz. met. i metalloved. 11 no. 5:650-663 My '61.

Spontaneous change of the H_c particular magnetization cycles during the cooling of ferromagnetic substances. G. N. Petrova, V. I. Trukhin. Izv. AN SSSR. Ser. geofiz. no. 6:892-897 Je '61.

Study of the fine structure of the X-ray absorption K-edges for manganese in MnTe over a temperature range of antiferromagnetic transitions. E. E. Vainshtein, B. I. Kotliar, R. M. Ovrutskaia. Dokl. AN SSSR 136 no. 1:133-135 Ja '61

Theory of noncollinear ferromagnetism and antiferromagnetism in rhombic crystals. Part I. V. L. Naish, E. A. Turov. Fiz. met. i metalloved. 11 no. 2:161-169 F '61

FERROSILICON

Making a 75-percent ferrosilicon with a low aluminum content. Kh. N. Kadarmetov. Stal' 21 no. 6:575 Je '61.

FERROSILICON—ELECTROMETALLURGY

Making ferrosilicon in a closed electric furnace [with summary in English]. G. Sh. Mikeladze and others. Stal' 21 no. 5:419-422 My '61

FERTILIZATION (BIOLOGY)

Effect of the nervous and blood system on ovulation, migration, implantation and development of the embryo in swine. I. I. IAnovskii. Uzb. biol. zhur. no. 2:17-21 '60

Twenty-nine days of life outside the body. A. Kh. Tambiev. Priroda 50 no. 6:84-89 Je '61.

FERTILIZATION OF PLANTS

Biology of flowering and pollination in the Altai melon. L. P. Tarbaeva. Biul. Glav. bot. sada no. 38:76-78 '60.

Change of intracellular reactions in the buckwheat stigma due to the effect of pollination [with summary in English]. Z. P. Paushova. Zhur. ob. biol. 22 no. 3:220-225 My-Je '61

FERTILIZER INDUSTRY see subdivision under Chirchik

FERTILIZER SPREADERS

Economic efficiency of over-all mechanization in preparing and using peat-ammonia fertilizers. P. P. Andreev. Dokl. i soob. VNIESKH no. 8:58-63 '60.

Fertilizer spreading attachment to the SKGK-6V planter. L. Kliutis. Tekh. v sel'khoz. 20 no. 4:80-81 Ap '60.

KRVN-2, 6 cultivator and fertilizer spreader. O. V. IAkymenko. Mekh. sil'. hosp. 12 no. 6:14 Je '61.

FERTILIZERS AND MANURES

(see also subdivision under Fastov District; Soviet Central Asia)

Development of nitrogen and mixed fertilizers in the Soviet Union. V. A. Klevke, V. I. Mednikov. Zhur. prikl. khim. 33 no. 10:2153-2165 O '60.

Duration of fertilizers' action. O. P. Gorobchenko, S. V. Sukhobrus. Nauka i zhyttia 11 no. 4:40 Ap '61.

Economic efficiency of over-all mechanization in preparing and using peat-ammonia fertilizers. P. P. Andreev. Dokl. i soob. VNIESKH no. 8:58-63 '60.

Leaf analysis and plant fertilization. Priroda 50 no. 6:128 Je '61.

Production of methane and organic fertilizers through fermentation of wood waste and manure [with summary in English]. I. F. Romashkevich, G. N. Karelina. Mikrobiologiia 30 no. 1:146-151 Ja-F '61.

Toward the 22d Congress of the CPSU. Khim. i tekh. topl. i masel 6 no. 5:1-4 My '61.

FERTILIZERS AND MANURES—BIBLIOGRAPHY see Bibliography—Fertilizers and manures

FERULA

Biology of Eriosynaphe longifolia (Fisch.) DC. I. G. Zoz, N. A. Chernykh. Dokl. AN SSSR 138 no. 3:699-701 My '61.

FETUS

Amount of certain enzymes in the intestine and other organs of the human fetus [with summary in English]. L. S. Fomina. Vop. med. khim. 6 no. 2:176-183 Mr-Ap '60.

Biochemical composition of the amniotic fluid and blood in mother and fetus in various stages of pregnancy [with summary in English]. A. M. Sozanskii. Biul. eksp. biol. i med. 51 no. 3:64-67 Mr '61.

Prevention of radiation sickness in mother and fetus in utero. A. P. Kiriushchenkov. Med. rad. 6 no. 3:14-17 '61.

Role of digestive organs of mammalian fetuses in the processes of intrauterine nutrition [with summary in English]. L. V. Davletova. Zhur. ob. biol. 22 no. 3:201-209 My-Je '61.

Some features of the higher nervous activity of adult animals subjected to ionizing radiations during intrauterine development. Report No. 3: Status of the higher nervous activity of adult white mice irradiated with X rays during the preimplantation state of antenatal development [with summary in English]. I. A. Piontkovskii, M. B. Gol'dberg, V. E. Miklashevskii. Biul. eksp. biol. i med. 51 no. 1:27-31 Ja '61.

FEUDALISM
(see also subdivision under Japan, Spain)
The basic economic contradiction of feudalism. S M Stam. Uch zap SGU 66 261-277 '58

FEVER
Antipyretic effect of pyramidon in post-vaccinal fever, dinitrophenol hyperthermia, and experimental diphtheria intoxication [with summary in English]. L. N. Bystrova. Biul. eksp. biol. i med. 51 no 2:37-41 F '61
Mechanism of the effect of cortisone on hyperthermia caused by 2, 4-dinitrophenol in rabbits [with summary in English]. V. I. Pyeshk. Biul eksp. biol. i med. 51 no 3:49-52 Mr '61

FEVER, ENTERIC see Typhoid fever

FEVER, HEMORRHAGIC see Hemorrhagic fever

FIBERS
Fiber optics (from "Scientific American, November, 1960). Nauka i zhizn' 28 no. 4 51-54 Ap '61.
Using fiber optics for the reproduction of television images. D. D. Sudravskii. Tekh. kino i telev. 5 no. 5:23-27 My '61.

FIBRIN
Lysis of fibrin of human and animal blood by B. pestis [with summary in English]. I. V. Domaradskii, G. A. IAromiuk. Biul. eksp. biol. i med. 50 no. 7:51-54 Jl '60.

FIDEL'GOL'TS, L. G., 1900-
L. G. Fidel'gol'ts on his 60th birthday and 36th year of medical, pedagogical, and scientific work. Zhur. nevr. i psikh. 60 no. 3:382 '60

FIELD CROPS
Effect of annual and perennial crops on the structure of Chestnut soils in the southern Ukraine. K. E. Burzl. Nauk. pratsi Ukr. nauk. -dosl. inst. zrosh. zeml. 1:127-140 '59.

FIELD CROPS—DISEASES AND PESTS
Oribatid mites in cotton and alfalfa fields of Samarkand Province. E. P. Sudareva. Trudy UzGU no. 87:163-182 '59.

FIELD CROPS—FERTILIZERS AND MANURES
(see also subdivision under Ukraine)
Effect of trace elements on the germination and growth of certain plants. B. A. IAgodin. Biul Glav bot sada no 39 83-86 '60
How plants utilize granulated superphosphate applied at the time of sowing. L. O. Filipov, N. S. Zhurbina. Nauk. pratsi Ukr. nauk. -dosl. inst. zrosh. zeml. 1:115-118 '59.
Plant nutrition and fertilizer application. T. D. Lysenko. Visnyk sil'hosp. nauky 4 no 4 3-8 Ap '61

FIELD CROPS—HARVESTING
Establishing wage norms for harvesting. Kh. D. Pechonyn. Mekh. sil'. hosp. 12 no. 6:18-21 Je '61.

FIELD CROPS—TRANSPORTATION
Selecting the location of the main truck route for removing the crop from a large field. Abol. Trudy MIMESKH 6:281-289 '59.

FIELD MICE see subdivision under Bol'shiye Galashki region; Chernogora Range; Kentei District; Siberia

FIELD MICE—PARASITES see Parasites—Field mice

FIELD THEORY
Analytical expression for the effective mass of a particle moving in a one-dimensional periodic field [with summary in English]. P. P. Pavinskii. Vest LGU 16 no. 10 8-12 '61.
Duan' I-shi. [General covariant formulation of the field theory and the general conservation laws] Obshchekovariantnaia formulirovka teorii polei i obshchie zakony sokhraneniia. [Dubna] Ob"edinennyi in-t iadernykh issl. lab. teoret. fiziki, 1957. 11 p.
Some parametric representations used in the field theory [with summary in English]. O. A. IAkubovskii, IU. A. IAppa. Vest LGU 16 no. 10:31-41 '61.

FILIPPOV, MIKHAIL MIKHAILOVICH, 1856-1903
Life dedicated to science ("Thorny path of a Russian scientist" by B. M. Filippov. Reviewed by G. Mendeleevich). Znan. sila 36 no. 5:41 My '61
"Thorny career of a Russian scientist" by B. M. Filippov. Reviewed by S. I. Smuglyi. Priroda 50 no. 5:117-118 My '61.

FILLERS (IN PAPER, PAINT, ETC.)
Olefin-substituted silicas as active fillers of polymers [with summary in English]. I. E. Neimark, A. A. Chuiko, L. B. Sliniakova. Vysokom. soed. 3 no 5:711-715 My '61.

FILTERS AND FILTRATION
AKA-Oliver filter with an applied layer of kieselguhr. S. V. Dykhne. Sakh. prom. 35 no. 5 72-73 My '61.
Inverted filters of porous concrete for bore holes and drains. G. Kh. Pravednii. Izv. VNIIG 63:143-157 '60.
Modernization of the design of "Rotobelt Elmco"-type vacuum filters (from "Sugar Journal," Ap, 1959). L. A. Shepshelevich. Sakh. prom. 35 no. 5 69-70 My '61
Operation of the cartridge-type micelle filters. L. N. Lashko. Masl. -zhir. prom. 27 no. 5:42-41 My '61.
Preparing sand as a filling for filters. Zhil. -kom. khoz. 11 no. 2 33 F '61.
Radioactive isotopes as tracers in the control of filtration streams. N. Flekser. Atom. energ. 10 no 5:546-549 My '61
Use of the similitude principle in the filtration of liquids [with summary in English]. N. U. Koida. Zhur. fiz. khim. 34 no 4 789-794 Ap '60.
Using pulverizers for washing mud on vacuum filters. I. A. Rostripenko. Sakh. prom. 35 no. 5 9-11 My '61
Washing of filter press dirt by means of vacuum filters. I. L. Zingel'. Sakh. prom. 34 no. 5. 24-25 My '60.

FINANCE
(see also subdivision under Moscow, Rostov-on-Don; Ukraine)
Give more attention to workers' letters, applications and complaints. B. Lakhov. Fin. SSSR 22 no 5:20-25 My '61.
In the Central Committee on Relationalization Suggestions and Inventions of the Ministry of Finance of the U. S. S. R. Fin. SSSR 22 no. 5:92-93 My '61
In the Collegium of the Ministry of Finance of the U. S. S. R. Fin. SSSR 22 no 5:87-89 My '61.
Pave the way for efficiency promoters. G. Kutuzov. Fin. SSSR 22 no 5:8-12 My '61.
Sources of financing and modernizing the efficiency of fixed assets. A. Sidorov. Fin. SSSR 22 no. 5:44-49 My '61.

FINANCE—CONGRESSES
Conference on the improvement of the economic work of financial organs. Fin. SSSR 22 no 5:80-82 My '61.

FINES (PENALTIES)
Accounting for fines, penalties, and forfeitures paid and received. A. Kurek. Ekon. stroi. no 4:72 Ap '61.
Collection of administrative fines. L. Iliyts', Z. Skvarts. Rad. pravo no. 3:93-97 My-Je '61.

FINGERPRINTS
The automation of dactyloscopic expertise. L. G. Edzhubov. Sov. krim. na sluzh. sled. no. 14:137-151 '61.

FINLAND—DESCRIPTION AND TRAVEL
Visiting our northern neighbor. E. Moskatov. Znan. sila 36 no. 5:44-45 My '61

FINLAND—ORTHODOX EASTERN CHURCH
Brief news of church life abroad. Zhur. Mosk. Patr. no 4 58 Ap '61

FINLAND—RELATIONS (GENERAL) WITH RUSSIA
Mutual understanding. S. Chepurov. Sov. deputi. trud. no. 6:108-109 Je '61.

FINLAND—VIEWS
In the country of the thousands of lakes. L. S. Khliebochenko. Znan. ta pratsia no. 2:16-17 F '61.

FIRE ALARMS
New automatic fire alarm systems. V. M. Makarov. Nauka i zhizn' 28 no. 4.76 Ap '61.

FIRE DEPARTMENTS
(see also subdivision under Groznyy; Leningrad Economic region; Odessa)
Cooperation is the key to success. E. Musienko. Pozh. delo 7 no. 5:11-12 My '61.

FIRE DEPARTMENTS—EQUIPMENT AND SUPPLIES
(see also subdivision under Kazakhstan)
Designers at work. I. Antonov. Pozh. delo 7 no. 5:4 My '61.
Suction apparatus for the ATs-30(M-205) motor tank truck. N. Shebeko. Pozh. delo 7 no. 3:25 Mr '61
We have a continuous production line! S. Pistunov. Pozh. delo 7 no. 5:4 My '61.
Winches for hose handling. R. Linshuk, K. Chibisov. Pozh. delo 7 no. 5:26-27 My '61.

FIRE EXTINCTION
(see also subdivision under Moscow)
Decisions are determined by the circumstances. A. Tomashev. Pozh. delo 7 no. 5:19-21 My '61.
From practices of volunteer fireman societies. Pozh. delo 7 no. 3:24 Mr '61.
From the history of fire prevention; fire trains. V. Semenov. Pozh. delo 7 no. 5 32 My '61.

FIRE EXTINCTION—CHEMICAL SYSTEMS
We have a continuous production line! S. Pistunov. Pozh. delo 7 no. 5:4 My '61.

FIRE EXTINCTION—SOCIETIES, ETC.
Cooperation is the key to success. E. Musienko. Pozh. delo 7 no. 5:11-12 My '61.
Interesting meeting. V. Sretenskaia. Pozh. delo 7 no. 5 14 My '61.
Young firemen of Vasili Island. A. Belliakova. Pozh. delo 7 no. 5 16-18 My '61.

FIRE PREVENTION
Answering readers' letters. Pozh. delo 7 no 3 3 of cover Mr '61
Chronicle. Pozh. delo 7 no. 5:32 My '61.
Higher the banner of competition! Pozh. delo 7 no. 5 2-3 My '61.
In the Presidium of the trade union of the workers of local industries and the municipal economy. Pozh. delo 7 no 3:3-4 Mr '61
The march of history. Pozh. delo 7 no 3:1-2 Mr '61
Pledge of Ivanovo Province firemen. V. Shirokov. Pozh. delo 7 no. 3 1 Mr '61
Readers' letters. Pozh. delo 7 no 3.32 Mr '61.
You can't do much alone. I. Logvenkov. Pozh. delo 7 no. 3 27 Mr '61
Young pioneers grow to be brave. V. Grandova. Pozh. delo 7 no 5 13 My '61.

FIRE PREVENTION—BIBLIOGRAPHY see Bibliography—Fire prevention

FIRE PREVENTION—STUDY AND TEACHING
Resourcefulness. D. Netaluln. Pozh. delo 7 no 3:30 Mr '61

FIREARMS
A pioneer of Soviet firearms. Voen.-ist. zhur. 3 no 6 127 Je '61.

FIREARMS—IDENTIFICATION
Criminal investigation of homemade "fountain pen" firearms. L. I. Georgiev. Sov. krim. na sluzh. sled. no. 14: 198-204 '61.
Expertise to establish whether a certain object is a firearm. S. D. Kustanovich. Sov. krim. na sluzh. sled. no 14. 192-197 '61.

FIREARMS—SIGHTS
Night firing with sight attachments. V. Bolcev. Voen. vest. 40 no. 10:95-98 O '60.

FIREBOATS
Fireboat. G. Priadil'shchikov. Pozh. delo 7 no. 5:27 My '61.

FIREBRICK
Dolomitic firebrick with free lime. G. Z. Dolgina. Ogneupory 25 no. 5:227-233 '60.
Magnesite brick for the checkerwork of open-hearth furnace regenerators. A. N. Miroshnichenko and others. Ogneupory 25 no. 5:197-207 '60.

FIREFLIES
Living lanterns. V. Parkhomenko. Doshk. vykh. 22 no. 6: 38 Je '61.

FIREMEN
(see also subdivision under Ivanovo Province; Kemerovo Province; Kramatorsk, Leningrad)
Following in his father's steps. I. Pritchin. Pozh. delo 7 no. 3:29 Mr '61
Vorob'ev brothers. N. Golubelko. Pozh. delo 7 no. 3: 21-22 Mr '61.

FIREPROOFING OF WOOD
FAM fireproofing and water resistant coating. S. Faubkin, M. Kolganova. Pozh. delo 7 no 3:14 Mr '61.

FIREWORKS
Today there are fireworks. Znan. ta pratsia no. 5:24 My '61.

FIRST AID IN ILLNESS AND INJURY see subdivision under Leningrad

FISH—PRESERVATION
Volatile reducing substances as a fish quality index during its cold storage. N. A. Golovkin, L. I. Pershina, A. V. Voskobol. Izv. vys. ucheb. zav. pishch. tekh. no. 2:161-168 '61.

FISH, CANNED
Kalantarova, M. V. [Technological and chemical specifications for canned fish products] Tekhno-khimicheskie pokazateli rybnykh konservov. Moskva, Vses. nauchno-issled. in-t rybnogo khoz. i okeanografii, 1960. 16 p. (Tekhnologiia obrabotki ryby)

FISH, SMOKED
Voskresenskii, N. A., A. I. Uditskaia, and T. M. Lebedeva. [Comparative evaluation of various methods of fish smoking] Sravnitel'naia otsenka razlichnykh sposobov kopchenila. Moskva, Vses. nauchno-issl. in-t morskogo rybnogo khoziaistva i okeanografii, 1960. 41 p. (Tekhnologiia obrabotki ryby)

FISH CULTURE
(see also subdivision under Soviet Central Asia)

Importance of the larvae of tailless amphibians in the fishery management of various bodies of water in Azerbaijan and southern Daghestan B P Kiluchkov. Uch zap AGU Biol ser no 1 61-64 '60

FISH PONDS
(see also subdivision under Ukraine)

How to stock ponds with fish. S. Vorob'ev, N. Mikheeva. Sov. potreb. koop. 4 no. 4:59-61 Ap '60.

FISH PROCESSING PLANTS

Miller, B. N., and V. M. Muntian. [Mechanization of loading and unloading operations in the open sea] Mekhanizatsiia pogruzochnykh rabot v otkrytom more. Moskva, Nauchno-tekhn. ob-vo pishchevoi promyshl., 1961. 34 p. (Rybnoe khoziaistvo)

FISHERIES see subdivision under Amu Darya Delta; Aral Sea; Caspian Sea

FISHERIES—BY-PRODUCTS

Feeding fishery by-products to pregnant sows F A Kuzman Visnyk sil'hosp nauky 4 no 4 116-117 Ap '61

FISHERIES—RESEARCH
(see also subdivision under Atlantic Ocean, Baltic Sea, Karelia)

Kushnarev, V. A. [Oceanographic research vessels] Nauchno-issledovatel'skie suda. Moskva, Vses. nauchno-issl. in-t morskogo rybnogo khoz. i okeanografii, 1960. 78 p.

The law on the protection of nature and problems in ichthyological research M N Mironov. Vop ikht 1 no 1 4-8 '61.

FISHERY PRODUCTS—PACKAGING

Abel', F. Kh., and T. L. Brataeva. [Use of polymeric materials in the packing of fishery products] Primenenie polimernykh materialov dlia upakovki rybnoi produktsii. Moskva, TSentr. nauchno-issl. laboratoriia tary, 1960. 42 p. (Proizvodstvo tary)

FISHERY PRODUCTS—PRESERVATION

New methods of preserving fish and meat scraps [with summaries in English, German, and French]. M. E. Prakhin. Vest. sel'khoz. nauki 6 no. 5:55-60 My '61.

FISHES see subdivision under Don River, Mozhaysk Reservoir; Volga Hydroelectric Power Station region

FISHES—ANATOMY

The index of specific lack curvature, a new indicator of the fatness of fishes. V. A. Amosov. Vop. ikht. no. 17: 122-139 '61.

FISHES—EGGS

Effect of light on the development of pike perch and roach eggs. N. D. Belyi. Dokl. AN SSSR 138 no 4:935-937 Je '61.

Seasonal characteristics of egg maturation in fishes with two types of spawning. B V. Koshelev Dokl AN SSSR 138 no 1:214-217 Ja '61.

FISHES—EMBRYOLOGY see Embryology—Fishes

FISHES—FOOD
(see also subdivision under Caspian Sea; Rybinsk Reservoir)

Amino acid content of proteins in the food of pond fish and making up food rations. F. M Sukhoverkhov, K F Sorvachov, M O Shcherbyna. Visnyk sil'hosp. nauky 4 no. 4 82-86 Ap '61

Fattening conditions of bream, roach, and vimba in the Sea of Azov following streamflow regulation of the Don River. M. V. Zheltenkova Vop. ikht 1 no 1:98-106 '61.

Feeding of different biological forms of the char Salvelinus malma (Walb.) in some bodies of water of Kamchatka K. A Savvaitova, Iu. S Reshetnikov Vop. ikht. 1 no 1:127-135 '61.

FISHES—GEOGRAPHICAL DISTRIBUTION

Connections between European and North American rivers and the North Atlantic gap [with summary in English]. G. U. Lindberg. Zool zhur. 40 no 5: 651-655 '61

vop. ikht. no. 17: 179-190 '61. ...s. V. A. Abakumov.

FISHES—PHYSIOLOGY

Distribution of S^{35} introduced with live feeds in the fish body. I. V. Smelova. Vop. ikht. no. 17:110-114 '61.

Nitrogenous extractives in fish muscles [with summary in English]. P. L. Vul'fson. Biokhimiia 26 no. 2:300-304 Mr-Ap '61.

Physiological mechanism of the regulation of oocyte maturation and ovulation in the pond loach (Misgurnus fossilis (L.)). IA. D. Kirshenblat. Vop. ikht. 1 no. 1: 108-123 '61.

Recent data on the metabolic rate in fishes. G. G. Vinberg. Vop. ikht. 1 no. 1:157-165 '61.

Relation between the size and the degree of osmoregulatory development in fishes of the same age L IA Shterman Nauch dokl vys. shkoly, biol nauki no 2 76-79 '61.

Vision in fish. V. R. Protasov. Priroda 50 no. 5:104-106 My '61.

FISHES—TRANSPORTATION

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut morskogo rybnogo khoziaistva i okeanografii. [Methods of transporting aquatic invertebrates and fish larvae for acclimatization purposes] Metody perevozki vodnykh bespozvonochnykh i lichinok ryb v tseliakh ikh akklimatizatsii. Moskva, 1960. 55 p. (Vospriozvodstvo rybnykh zapasov)

FISHES, FOSSIL see subdivision under Bashkiria; Russian Platform, Shemakha region

FISHING BOATS

Floating fish cannery. S. S. Vershinin. Biul. tekh.-ekon. inform. no. 4:50-53 '61

FISSION PRODUCTS

Sorption of long-lived fission products by the soil and by clayey minerals. IU. A. Kokotov, R. F. Popova, A. P. Urianiuk. Radiokhimiia 3 no. 2:199-206 '61.

FISSION PRODUCTS—DECAY

Determination of the effective age of fission fragments. K. K. Aglintsev. Radiokhimiia 3 no. 2:237-239 '61.

FISTULA

Surgical treatment of genitourinary fistulas in women V. N Sergeeva Zdrav Turk 5 no 2,21-25 Mr-Ap '61

FJORDS

The earth's fjords. P. A. Kaplin. Priroda 50 no. 6:82-85 Je '61.

FLAME

Effect of temperature on the velocity of the flashback of laminar flames. L. B. Moin, V. U. Shevchuk. Zhur. fiz. khim. 34 no 4 932-934 Ap '60.

Evaluating the degree of blackness of a flame furnace torch. V. S. Kocho and others. Zav. lab 27 no 5: 574-576 '61.

Improved solution to the equation of heat conduction in a flame A I Rozlovskii. Dokl AN SSSR 136 no 5: 1150-1153 F '61.

Inflammation rate of gunpowder in a loose shell [with summary in English]. N. N. Bakhman. Zhur. fiz. khim. 35 no. 4:848-849 Ap '61.

FLAME—SPECTRA

Participation of H_2O in the reaction of combustion of carbon monoxide in oxygen. R. B Tagirov Opt. i spektr. 8 no. 3:312-314 Mr '60.

FLAME PHOTOMETRY

Increasing the sensitivity of the determination of elements in a flame [with summary in English]. V. I. Lebedev, E. E. Vainshtein. Zhur. anal. khim. 16 no. 2 124-128 Mr-Ap '61.

FLANGES

Design of flanged joints subjected to pressure and a bending moment. L. P. Karasev. Khim. mash. no. 3: 24-27 My-Je '61

FLASH POINT

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 175-55 for checking PVN devices for determining the flash point of petroleum products] Instruktsiia 175-55 po poverke priborov tipa PVN dlia opredeleniia temperatury vspyshki nefteproduktov, Izd. ofitsial'noe. Moskva, 1957. 18 p.

FLAUBERT, GUSTAVE, 1821-1880

A Flaubert letter from the A. I. Urusov collections of autographs M V. Tolmachev. Zap. Otd. ruk. no. 21 236-243 '59

FLAVONOIDS

Catechins and flavonoids in some tea varieties of the Chinese People's Republic [with summary in English] K. M. Dzhemukhadze, M. N. Nestiuk, L. F Mileshko. Biokhimiia 25 no 2 349-354 Mr-Ap '60

Effect of ascorbic acid and bioflavonoids on hyaluronidase activity [with summary in English] A. A. Baev Biokhimiia 25 no 2 328-339 Mr-Ap '60.

Stabilizing effect of flavonoids on L-ascorbic acid [with summary in English]. I. Davidek. Biokhimiia 25 no 6 1105-1112 N-D '60.

FLAX

Effect of the compression of the flax fiber mass on some of its physicomechanical properties. B. P. Komarov. Izv. vys. ucheb. zav.; tekh. teks. prom. no. 2:32-42 '61.

Sal'man, S. I. [Planning and design of flax-spinning factories] Proektirovanie l'nopriadil'nykh fabrik. Pod red. D. I. Libermana. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1960. 315 p.

FLAX—HARVESTING

Investigating possibilities for improving the performance of flax pulling machinery. G. Zaletskas. Trudy MIMESKH 6:291-300 '59.

Investigating the efficiency of the MLS-2,5 flax puller at different amounts of feeding. S. G. Porfir'ev. Trudy MIMESKH 6:301-307 '59.

New machinery for harvesting flax. M. P. Petrenko. Mekh. sil'. hosp. 12 no. 6 12-14 Je '61.

FLAX—TRANSPORTATION

Organizing transportation operations during flax threshing and calculating the efficiency of various means of transportation. S. G. Porfir'ev. Trudy MIMESKH 6:309-318 '59.

FLAX—VARIETIES

Investigating flax varieties on peat-bog soils. M. Z. Pekker. Sbor. nauch. rab. Bel. otd. VBO no. 1 69-71 '59.

FLAX BREEDING

Embryological investigations concerning the crossbreeding of flax [with summaries in English, German, and French]. M. A. Sizova Vest. sel'khoz nauki 6 no. 5 39-43 My '61.

FLAX PROCESSING MACHINERY

Selecting the most advantageous diameter for fluted breaker rollers. M. M. Barbakov. Izv. vys. ucheb. zav., tekh. teks. prom. no. 2:58-62 '61.

FLEAS

Diagnostic characters of larvae in some flea species of the genus Ceratophyllus [with summary in English] A. N. Alekseev Zool zhur 40 no 5 778-779 '61

FLEAS—EXTERMINATION

Effect of ethylene fluorhydrine upon various aphaniptera species. E V Avdeeva Nauch dokl vys shkoly, biol nauki no 2 34-36 '61.

FLEMISH LITERATURE—PERIODICALS

The militant organ of Flemish literary scholars. I. Volevich, G. Shatkov. Inostr. lit. no. 5, 262-263 My '61.

FLEROVSKII, VASILII VASIL'EVICH, pseud. see Berv, Vasilii Vasil'evich, 1829-1918

FLEXURE

Bending by a transverse force of a composite rod with a slightly bent axis. R. S. Minasian. Dokl AN Azerb. SSR 17 no. 3:197-202 '61

Some problems on the bending of anisotropic prismatic rods with elongated cross sections V. S. Sarkisian. Dokl AN Arm. SSR 32 no 3:139-146 '61

FLIER, IAKOV VLADIMIROVICH, 1912-

Pianists. Matiiasv Smirnov, D. Blagoi. Sov. muz. 25 no 5:136-138 My '61

FLIES

Infection of synanthropic flies with helminth eggs. N. A. Skavinskii. Zdrav. Belor. 6 no. 4 64 Ap '60.

Structure of the genital apparatus in some synanthropic flies [with summary in English]. Z D Sergeeva, V. F. Levkovich Zool. zhur 40 no. 5:719-724 '61

FLIGHT CREWS

Unified methods are needed. A. Kotov. Grazhd. av. 18 no. 5:12 My '61.

FLIGHT TRAINING

Flight day. IU. IA. Kelginikov and others. Vest. Vozd. Fl no 12:1-20 D '60

Improve methods of tactical training in flying schools. A. P. Zaitakin. Vest. Vozd Fl. no. 12, 26-30 D '60

FLIGHTS AROUND THE WORLD

Is the world really large? V. Smolin. Grazhd. av. 18 no. 5:24-25 My '61.

FLOODS
(see also subdivision under Don River)

Comparing the most widely used methods for calculating the transformation of the flood wave. N. S. Nechaeva. Trudy TSIP no. 99:53-67 '61.

Possibility of applying Chezy formula to the calculation of river floods V. A. Znamenskii. Meteor. i gidrol. no. 6:41-42 Je '61.

Spring floods. A. O. Kemmerikh, L. K. Malik, B. S. Kachurin. Priroda 50 no. 5:124-126 My '61.

FLOOR COVERINGS

Floors from plastics in roll or tile form. V Charnovskii. Zhil stroi no 4 8-9 Ap '61

FLOORS

Reinforced-concrete beams in place of wooden joists. Sel'. stroi. 15 no. 2:29 F '61.

FLOTATION
(see also subdivision under Krivoy Rog Basin)

Air dispersion in mechanical flotation machines. V. M. Nazarenko. Izv. vys. ucheb. zav.; gior. zhur. no. 3:118-122 '60.

FLOTATION (Continued)

Behavior of pyrite in the flotation of coal pulp. N.D. Oglobin. Izv. vys. uchebn. zav., gor. zhur. no. 6:139-138 '60.

Combined flotation-hydrometallurgy flowsheet for copper recovery from mixed oxide-sulfide ores. N. V. Zashikhin, P.M. Perlov. Trudy Mekhanobr. no. 125, 35-56 '60.

Factors producing depression in flotation. S. D. Sukhovol'skaia. Trudy Mekhanobr. no. 125 5-31 '60

Glembotskii, V. A., V. I. Klassen, and I. N. Plaksin. [Flotation] Flotatsiia. Pod obshchei red. I. N. Plaksina. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961, 547 p.

High-speed flotation. I. A. Kakovskii. Tsvet. met. 34 no. 5:11-17 My '61

Increasing the number of flotation cells in the existing industrial areas of coal preparation plants. G. L. Livshits and others. Ugol' Ukr. 5 no. 5:19-21 My '61

Some problems of flotation with cationic collectors. I. N. Shorshor. Trudy Mekhanobr. no. 125 57-62 '60

Studying the floatability of copper by the "zero" method and by means of radioactive tracers. M. V. Barbin. Izv. vys. uchebn. zav., gor. zhur. no. 6:139-142 '60.

FLOTATION—EQUIPMENT AND SUPPLIES

The GIPROKOKS-KhGI-57 flotation machine. D. S. Fmelianov. Biul. tekh.-ekon. inform. no. 4:11-13 '61.

Measuring the rate of the air flow into flotation machines. A. G. Arkad'ev, IA. M. Mar'ianovskii, M. S. Shnerov. Sbor. mat. po avtom. proizv. protsessam i disp. no. 5:19-26 '60

System of regulating devices for normalizing the operations of the "Mekhanobr 6-A" flotation machine. V. I. Lutsenko. Tsvet. met. 34 no. 5:11-11 My '61

FLOUR

(see also subdivision under Armenia, Kazakhstan)

Effect of heating on the saccharification effect of grain amylases in flour suspensions or extracts. S. I. Pronin. Biokhim. zerna no. 5:170-181 '60

Mishustin, E. N., and L. A. Trisvintskii. [Microbiology of grain and flour] Mikrobiologiia zerna i muki. Moskva, Izd-vo tekhn. i ekon. lit-ry po voprosam khleboproduktov, 1960. 106 p.

Studying the biochemical properties of whole-ground wheat during dehydration by the hot-air method. I. F. Mamlish, N. I. Sokurdov. Biokhim. zerna no. 5:151-162 '60

FLOUR MILLS—FIRES AND FIRE PREVENTION

Fire in a flour mill combine. N. Vilovin. Pozh. delo 7 no. 3:17 Mr '61.

FLOWERING OF PLANTS see Plants, Flowering of

FLOWERS

IAblonskii, S. I. [How to make a lawn from annual flowering plants] Kak ustroit' gazon iz odnoletnikh tsvetushchikh rastenii. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1960. 26 p. (DA)

Influence of microelements on the productivity of ornamental floral plants. I. F. Titarenko, M. N. Kuznetsova. Nauch. dokl. vys. shkoly, biol. nauki no. 2:169-173 '61

FLOWMETERS

Measuring the rate of the air flow into flotation machines. A. G. Arkad'ev, IA. M. Mar'ianovskii, M. S. Shnerov. Sbor. mat. po avtom. proizv. protsessam i disp. no. 5:19-26 '60.

Principle of the operation of a centrifugal flowmeter. E. A. Banit, A. A. Vainburg, I. R. Dudarev. Izv. vys. ucheb. zav., pishch. tekh. no. 2:104-107 '61

FLOWMETERS—TESTING

Measuring tanks of testing units for volumetric liquid meters. A. N. Pavlovskii. Izm. tekh. no. 5:63-66 My '61.

FLUID DYNAMICS

Applying the defocusing method with a shadow instrument for measuring densities in a stream flowing from a nozzle in nonrated conditions [with summary in English]. Tsz'lan Chzho-sin [Chiang Chê-hsing]. Inzh.-fiz. zhur. 4 no. 4:10-15 Ap '61.

Approximate calculation of a streamlined potential fluid flow propagating in a thin layer along the surface of a solid body. F. I. Frankl'. Prikl. mat. i mekh. 24 no. 2:378-379 Mr-Ap '60.

Critical thermal load under a forced movement of water heated to the saturation temperature. D. A. Labuntsov. Atom. energ. 10 no. 5:523-525 My '61.

Diffraction from a semiplane of waves forming on the surface of a fluid by a periodically functioning source. S. S. Voit. Prikl. mat. i mekh. 25 no. 2:370-374 Mr-Ap '61

Heat and mass transfer in opposing currents [with summary in English]. I. T. El'perin. Inzh.-fiz. zhur. 4 no. 5:62-68 My '61.

Longitudinal heterogeneous flow about a cylinder in the presence of a steady suction of the boundary layer. O. N. Ovchinnikov. Prikl. mat. i mekh. 24 no. 2:376-378 Mr-Ap '60.

Nonlinear phenomena in closed flows near critical Reynolds numbers. V. S. Sorokin. Prikl. mat. i mekh. 25 no. 2:248-258 Mr-Ap '61

Stability of plane parallel flows of a nonhomogeneous fluid. I. A. Dikii. Prikl. mat. i mekh. 24 no. 2:249-257 Mr-Ap '60

Stability of the plane-parallel flow of a viscous fluid over an inclined bottom. IU. P. Ivanilov. Prikl. mat. i mekh. 24 no. 2:380-381 Mr-Ap '60

Statistical dynamics of an incompressible turbulent fluid. B. I. Davydov. Dokl. AN SSSR 136 no. 1:47-50 Ja '61

Three-dimensional boundary layer with free convective flow in cavities [with summary in English]. M. M. Fazlidinov. Inzh.-fiz. zhur. 4 no. 4:38-42 Ap '61.

FLUID MECHANICS

Properties of the solution to the problem of point explosion in compressible media. N. N. Kochina, N. C. Mel'nikova. Dokl. AN SSSR 148 no. 2:326-329 My '61.

FLUIDIZATION

Apparatus with a fluidized (boiling) bed of free-flowing material in a field of centrifugal forces. N. I. Gel'perin, V. G. Ainshtein, A. V. Zankovskii. Khim. mashin. no. 3:2-5 My-Je '60

Experimental automation of roasting processes of zinc concentrates in a fluidized bed. G. V. Korendiasev. Sbor. mat. po avtom. proizv. prots. i disp. no. 5:57-61 '60

Fluidized bed. P. G. Romankov, N. B. Rashkovskaia, V. N. Leplin. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 2:298-302 '61

Gas stirring efficiency in a reactor with a fluidized bed consisting of a fine-grained catalyst. I. IA. Tiunichev, A. I. TSafiingol'd, A. B. Bulov. Zhur. prikl. khim. 34 no. 4:858-864 Ap '61.

FLUOCERITE see subdivision under Soviet Central Asia

FLUORANTHENE

Extraction of fluoranthene. I. D. Gluzman, A. G. Nikitenko. Zhur. prikl. khim. 34 no. 3:626-628 Mr '61.

FLUORESCEIN

Use of fluorescein in determining the direction of surface currents in the sea. IU. D. Sharikov. Meteor. i gidrol. no. 6:51-52 Je '61.

FLUORESCENCE

Duration of the ultraviolet fluorescence of some aromatic compounds. T. V. Ivanova, P. I. Kudriashov, B. IA. Sveshnikov. Dokl. AN SSSR 138 no. 3:573-574 My '61

Effect of the solvent on the fluorescence yield. A. S. Kochemirovskii, I. L. Reznikova. Opt. i spektr. 8 no. 3:399-401 Mr '60.

Fluorescence of nucleic acids in solution. I. S. Agroskin and others. Dokl. AN SSSR 136 no. 1:226-229 Ja '61

Luminescent method for studying the growth of bone tissue. B. A. Nikitiuk, B. A. Spirin. Arkh. anat. gist. i embr. 40 no. 2:84-86 F '61

FLUORESCENCE MICROSCOPY

Accelerated diagnosis of diphtheria by means of fluorescence microscopy. M. O. Podgalskaia, A. P. El'kina. Lab. delo 7 no. 5:51-53 My '61.

Fluorescent microscopic investigation of chlorophyll in the leaves of Campanula persicifolia L. during varying injurious actions. G. S. Kiknadze. TSitologiia 3 no. 2:141-152 Mr-Ap '60

How to assemble a fluorescent microscope. N. A. Naumova, V. A. Topolovskii. Biul. Glav. bot. sada no. 39:98-100 '60

Luminescence microscopy in the histochemistry of nucleic acids. A. V. Zelenin. Arkh. anat. gist. i embr. 40 no. 3:86-98 Mr '61

FLUORESCENT LAMPS

Daylight fluorescent lamps and the forcing of green vegetables in winter. O. D. Skudnaia. Sbor. nauch. rab. Bel. otd. VBO no. 1:72-77 '59.

FLUORIDES

Dependence of the magnetic screening of F^{19} nuclei on concentration in the systems $KHF_2 - H_2O$ and $KHF_2 - KF - H_2O$. Van I-tsiu [Wang I-ch'iu], F. I. Skipov. Dokl. AN SSSR 136 no. 1:58-60 Ja '61

FLUORINE

Dependence of the magnetic screening of F^{19} nuclei on concentration in the systems $KHF_2 - H_2O$ and $KHF_2 - KF - H_2O$. Van I-tsiu [Wang I-ch'iu], F. I. Skipov. Dokl. AN SSSR 136 no. 1:58-60 Ja '61

Distribution characteristics of a series of rare and volatile elements in rocks and pegmatites of the Koroston' pluton [with summary in English]. O. D. Stavrov, T. A. Bykova. Geokhimiia no. 4:326-331 '61.

FLUORINE—ANALYSIS

Developing methods of detecting boron and fluorine in cement materials. V. V. Myshliaeva, E. I. Nogerova, T. A. Osokina. Nauch. soob. NIITSementa no. 8:23-28 '60.

FLUORINE COMPOUNDS

Preparation of fluorine derivatives of phosphorus. A. IA. IAkubovich, V. A. Ginsburg, S. P. Makarov. Zhur. ob. khim. 31 no. 5:1517-1518 My '61

FLUORINE ORGANIC COMPOUNDS

Effect of ethylene fluorhydrine upon various phenylpiperazines. I. V. Aydeeva. Nauch. dokl. vys. shkoly, biol. nauki no. 2:44-46 '61

FLUORITE

(see also subdivision under Transbaikalia)

Sudarikin, A. I. [Prospecting for deposits of optical fluorite; methodical guide] Poiski i razvedka mestorozhdenii opticheskogo flyuorita; metodicheskie ukazaniia. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1959. 37 p.

FLUX (METALLURGY)

Ceramic ZhN-1 flux for automatic and semiautomatic arc welding of nickel. K. V. Bagrianskii, G. S. Kuz'min. Avtom. svar. 14 no. 5:79-85 My '61.

Fluxes for the automatic welding of aluminum. D. M. Rabkin. Avtom. svar. 14 no. 5:37-42 My '61.

Physicochemical processes in ceramic welding fluxes and electrode coatings on a marble fluoride slag basis. IU. D. Bruminsyn. Svarka 2:95-100 '59

Semiautomatic welding with magnetic ceramic flux. A. V. Nemlsev. Avtom. svar. 14 no. 5:86-90 My '61.

FLY ASH

Properties of flue dust and its precipitation in gas purification apparatuses. P. I. Vernigor. Stal' 20 no. 8:864-865 Jl '60

Use of mineral fuel and related changes in the natural environment. IU. I. Voroshilov, P. A. Nedotko. Okhr. prir. i zapov. delo v SSSR no. 6:5-14 '60.

FLY DISEASE see Trypanosomiasis

FLYING-MACHINES

Flying platforms. R. Grigor'ev. Nauka i zhizn' 27 no. 1:66-67 Ap '60

FLYSCH

(see also subdivision under Caucasus)

Type of folding in the flysch formation within the uplift of the Vilyanskoye region in the Crimea. V. S. Sasinovych. Geol. zhur. 20 no. 2:101-106 '60.

FOAM

Static pressure of foam on sieve plates. V. V. Kafarov, A. S. Vigdorov. Zhur. prikl. khim. 34 no. 3:561-572 Mr '61.

FOAM RUBBER

Use of sponge plastics (porous plastics) in industry. A. L. Avetikov. Plast. massy no. 8:41-43 '61.

FODOR, JOZSEF, 1843-1900

Jozsef Fodor (1843-1900), a pioneer in Hungarian hygiene. J. Melly. Gig. i san. 25 no. 3:51-56 Mr '60.

FOG

Determining the relative humidity of the air in fog. B. A. Aizenshtat, A. I. Neushkin. Meteor. i gidrol. no. 6:50-51 Je '61

FOKINE, MICHEL, 1880-1942

The story of an archive. Ed. Arenin. Zvezda no. 4:173-174 Ap '61

FOLDS (GEOLOGY)

(see also subdivision under Crimean Mountains; Mongolia)

Folds of the earth's crust. V. V. Belousov. Priroda 50 no. 6:14-24 Je '61.

Problem of determining the extent of the mining areas in the wings of the closure sections of folds. A. P. Andrianov. Izv. vys. ucheb. zav.; gor. zhur. no. 6:3-8 '60.

FOLIC ACID

Influence of vitamin B_{12} and folic acid on the appearance and development of lead intoxication in experimental animals. A. T. Aldamazarov, Sh. S. Sabdenova. Trudy Inst. kraev. pat. AN Kazakh. SSR 8:62-68 '60.

Treatment of anemias caused by lead with vitamin B_{12} in a compound with folic acid. Preliminary report. Sh. S. Sabdenova, A. T. Aldamazarov. Trudy Inst. kraev. pat. AN Kazakh. SSR 8.103-109 '60.

FOLK ART see subdivision under Poltava Province

FOLK ART, KOMI

Komi national art; pattern weaving, knitting, embroidery. G. V. Shipunova. Sov. etn. no. 2:57-70 Mr-Ap '60.

FOLK MUSIC, ARMENIAN

Altunian, Tatul, comp. [Armenian folk songs and dances] Armianskie narodnye pesni i pliaski. Izd. 2. Erevan, Armianskoe gos. izd-vo [In Armenian and Russian]
Vol. 1. [1959] 99 p.

FOLK MUSIC, UKRAINIAN

The 70th birthday of P. V. Nosach, the kobza player. Nar. tvorch. ta etn. 5 no. 1:153 Ja-F '61.

FOLK POETRY
(see also subdivision under White Russia)
A. A. Potebnia on the artistic symbolism of folk poetry V. S. Bokkova Nar. tvorch. ta etn. 4 no. 1 61-67 O-D '60
Folk poetry and present-day life V. N. Kneicher Nar. tvorch. ta etn. 4 no. 4 3-9 O-D '60
We should collect the treasures of folk poetry devoted to the Battle of Kalkovka. M. Chleinikov. Nar. tvorch. ta etn. 5 no. 1 156-157 Ja-F '61

FOLK POETRY, BURYAT
"Studies of aphoristic Buryat poetry" by M. P. Khamaganov. Reviewed by U-Zh. Sh. Dondukov. Sov. etn. no. 2 186-187 Mr-Ap '60

FOLK POETRY, UKRAINIAN
Folk songs for the choir Selected and supplied with an introductory article by L. I. Ashchenko Nar. tvorch. ta etn. 4 no. 4 113-120 O-D '60
How Ukrainian folk poetry praises the establishment of the socialist system I. P. Pesotniuk Nar. tvorch. ta etn. 5 no. 1 22-29 Ja-F '61.
An illustrator of the collections of folk poetry S. Muzychenko. Nar. tvorch. ta etn. 5 no. 1 149-150 Ja-F '61.

FOLK SONGS, UKRAINIAN
(see also subdivision under Transcarpathia)
Folk songs in Oles' Honchar's novelle I. R. Semenchuk Nar. tvorch. ta etn. 4 no. 4 87-89 O-D '60
Folk songs to T. H. Shevchenko's poems. Selected by O. A. Pravdiuk. Nar. tvorch. ta etn. 5 no. 1 109-117 Ja-F '61.
History of the collecting and studying of folk songs about Ustym Karmaliuk V. U. Ohlnyk Nar. tvorch. ta etn. 4 no. 4 52-60 O-D '60
Songs about Ustym Karmaliuk Selected and supplied with an introductory article and footnote by V. I. Tyshchenko Nar. tvorch. ta etn. 4 no. 4 104-110 O-D '60

FOLKLORE
(see also subdivision under Kostroma Province, Mezen' Valley)
"M. Gor'kii's literary work and folklore" by M. F. Matvichuk. Reviewed by O. Mordvyntsev. Nar. tvorch. ta etn. 5 no. 1 133-136 Ja-F '61.
New developments in present-day folklore and their study. H. O. Samarin. Nar. tvorch. ta etn. 5 no. 1 5-11 Ja-F '61.
"Popular Russian proverbs, sayings, riddles and child folklore." V. P. Anikin. Reviewed by E. S. Litvin. Sov. etn. no. 2 184-186 Mr-Ap '60.

FOLKLORE, BULGARIAN see subdivision under Ukraine

FOLKLORE, GREEK see subdivision under Ukraine

FOLKLORE, UKRAINIAN
(see also subdivision under Bukovina; Poland; Rovno)
Field studies of the Institute of Art, Folklore, and Ethnography of the Academy of Sciences of the Ukrainian S.S.R. in 1960 T. Hrudzyns'ka, I. Lazarevych, I. Pesotniuk. Nar. tvorch. ta etn. 5 no. 1 147-148 Ja-F '61.
The pearls of folk wisdom. P. IA. Leshchenko. Votov. stolst no. 4 53-55 Ap '61.
A Pioneer contest for the best collection of folk literature. Kh. Shaihorods'ka. Nar. tvorch. ta etn. 5 no. 1 148-149 Ja-F '61.
T. H. Shevchenko's views on folklore. H. S. Sukhobrus. Nar. tvorch. ta etn. 5 no. 1 30-38 Ja-F '61.

FOLKLORE, UKRAINIAN—BIBLIOGRAPHY see Bibliography—Folklore, Ukrainian

FOLKLORE, UKRAINIAN—PERIODICALS
A conference of our readers in Chernovtsy. Nar. tvorch. ta etn. 5 no. 1 153-154 Ja-F '61.

FOLKLORE, UKRAINIAN—STUDY AND TEACHING
Field studies of Ukrainian folklore and ethnography in 1960. I. Berezovs'kyi, V. Zolochevs'kyi, A. Orlov. Nar. tvorch. ta etn. 4 no. 4 147-148 O-D '60.

FOOD
Study of foodstuffs ("Textbook for the schools of trade apprenticeship" by A. G. Vyshchapen, M. E. Mel'man. Reviewed by T. Bogomolov). Sov. torg. 34 no. 5 44 My '61.

FOOD—ANALYSIS
Determination of sugar in foodstuffs. Sh. Chogovadze. Sov. torg. 34 no. 5 45-46 My '61.
Krylova, N. N., and IU. N. Liaskovskaia. [Physicochemical methods for studying products of animal origin] Fiziko-khimicheskie metody issledovaniia produktov zhivotnogo proiskhozhdeniia. Moskva, Pishchepromizdat, 1961. 233 p.

FOOD, CANNED
Grades and quality of canned food. K. V. Krupina. Kons. i ov. prom. 16 no. 5 34-36 My '61.
Practice of making canned food of many grades should be discontinued as soon as possible. G. S. Ushenin. Kons. i ov. prom. 16 no. 5 36 My '61.

FOOD HABITS OF ANIMALS see Animals, Food habits of

FOOD INDUSTRY see subdivision under Uzbekistan

FOOD INDUSTRY—EQUIPMENT AND SUPPLIES
Assembly line for processing potatoes N. Goncharov, I. T'Sypin Sov. torg. 34 no. 5 51-53 My '61
New standards in chemical, petroleum, and food machinery construction V. A. Tatarenko. Khim. mash. no. 3 39-40 My-Je '61.

FOOD POISONING
Food poisoning caused by watermelons. N. I. Brikun, K. F. Korovina, Z. A. Ivanova. Gig. i san. 25 no. 7 78-79 Jl '60.

FOOD SUBSTITUTES
"Synthetic fat substitutes, surface active agents, and cleaning compounds" by P. V. Naumenko. Reviewed by M. P. Besplatov, V. V. Bukhartin, A. I. Kudriashov. Masl.-zhir. prom. 27 no. 5 46-47 My '61.

FOOT—ABNORMITIES AND DEFORMITIES
Reduction of the digits in healthy mice after roentgen irradiation [with summary in English]. A. A. Neifakh. Arkh. anat. gist. i embr. 39 no. 11 74-82 N '60

FOOT—DISEASES
Khoroshin, M. G. [Epidermophytosis of the feet] Epidermofitiia stop. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 30 p. (Nauchno-populiarnaia literatura) (DNLM)

FORAGE PLANTS
[Manual on feed production] Spravochnik po kormoproizvodstvu. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 608 p.
(DA)

FORAMINIFERA, FOSSIL
(see also subdivision under Azerbaijan; Georgia; Russian Platform; Soviet Central Asia, Timan Ridge, Transcarpathia; Ukraine; Volga Valley)
First find of representatives of the genus Bolivinella in Tertiary deposits of the Soviet Union. V. A. Krashoninikov, G. E. Kozhevnikova. Vop. mikropaleont. no. 4: 121-127 '60.
Revision of the genus Schwagerina and allied genera and the boundary between the Carboniferous and the Permian. D. M. Rauzer-Chernousova. Vop. mikropaleont. no. 4: 3-20 '60.
Taxonomic significance of some morphological characters of Jurassic Lenticulina species. K. I. Kuznetsova. Vop. mikropaleont. no. 4: 89-101 '60.

FORCE AND ENERGY
Motion and stability of a gyroscope in a Cardan joint situated in a Newtonian central force field A. M. Tobarovskii. Prikl. mat. i mekh. 25 no. 2 259-264 Mr-Ap '61.
Relation between the structure of a molecule and its energy of formation from free atoms. V. M. Tatevskii, IU. G. Papulov. Zhur. fiz. khim. 34 no. 4 703-715 Ap '60.

FORCING (PLANTS)
Daylight fluorescent lamps and the forcing of green vegetables in winter. O. D. Skachnia. Sbor. nauch. rab. Bel. otd. VBO no. 1: 72-77 '59.

FOREIGN EXCHANGE
Some problems in state foreign exchange monopoly of the U. S. S. R. I. Aizenberg. Den. i kred. 19 no. 5: 26-31 My '61.

FOREST ECOLOGY
(see also subdivision under Russia, Northwestern)
Early reproduction and abnormalities of the flower in Larix decidua Mill. P. Molotkov. Bot. zhur. 45 no. 4: 577-578 Ap '60.
Forest litter as a structural element of forest biocoenose in the steppe [with summary in English]. A. P. Travlieev. Ukr. bot. zhur. 18 no. 2: 60-66 '61.

FOREST FIRES
(see also subdivision under Siberia)
Effect of forest fires on the physicochemical properties of certain Ural soils. V. P. Firsova. Izv. vys. ucheb. zav.; les. zhur. 3 no. 1: 13-20 '60.

FOREST FIRES—PREVENTION AND CONTROL
Hydroplanes in forest protection. A. E. Zolotavin, A. L. Razbolnikov. Les. khoz. 14 no. 6: 76-77 Je '61.

FOREST INFLUENCES
(see also subdivision under Voronezh Province)
Establishing forestation norms is a necessary condition for the rational use of natural resources. L. A. Alferov. Okhr. prir. i zapov. dela v SSSR no. 6: 15-22 '60.

FOREST INSECTS
(see also subdivision under Ukraine)
Young researchers. P. K. Kutuzov. Les. khoz. 14 no. 6: 78-79 Je '61.

FOREST MANAGEMENT
(see also subdivision under Baikal Lake region, Siberia, Eastern)
Amount of sanitary felling for the control of sponge saprot fungus S. F. Negrutskii Izv. vys. ucheb. zav., les. zhur. 3 no. 1: 162-164 '60
Effect of the improvement felling on the growth of pine plantation by plots N. T. Smirnov Izv. vys. ucheb. zav., les. zhur. 3 no. 1: 43-48 '60
Management of uneven-aged forests. P. N. Ushatin. Les. khoz. 14 no. 6: 9-14 Je '61.
Semeniuta, F. I. [Laboratory and practice lessons in forest evaluation and management] Laboratorno-prakticheskie zaniatiia po lesnoi taksatsii i lesoustroistvu. Moskva, Gos. izd-vu sel'khoz. lit-ry, 1960. 303 p.
(DA)

FOREST PROTECTION
(see also subdivision under Lebedin District)
Comparative estimation of the attractiveness of tree and shrub seeds with regard to murine rodents [with summary in English]. P. A. Svirideńko Zool. zhur. 40 no. 5: 763-767 '61.
Conservation of nature under Peter the Great. N. A. Chefranova. Okhr. prir. i zapov. delo v SSSR no. 6: 111-117 '60.
Press and the problems of the preservation of natural resources. Les. khoz. 14 no. 6: 85-86 Je '61.

FOREST RESEARCH
Science of forestry during the second year of the seven-year plan Izv. vys. ucheb. zav., les. zhur. 3 no. 1: 1-4 '60

FOREST ROADS
Daragan, L. D., and R. P. Lakhno. [Handbook for the lumber truck road expert] Spravochnik mastera lesovoznoi avtomobil'noi dorogi. Pod red. M. I. Kishinskogo. Moskva, Goslesbumizdat, 1961. 153 p.
Use of soil rubble for automobile logging roads A. N. Dolgov. Izv. vys. ucheb. zav., les. zhur. 3 no. 1: 80-82 '60.

FOREST SOILS
(see also subdivision under Byelovezhskaia Pushcha; Caucasus, Tomsk Province)
Ash cycle and changes in the physicochemical properties of leached Chernozems under conifer and hardwood forests. I. M. Rozanova Trudy Lab. lesoved. 15-60 '60.
Change in the physical properties of common Chernozems under the influence of forest vegetation. P. U. Solov'ev. Nauch. dokl. vys. shkoly, biol. nauki no. 2: 232-237 '61
Composition and optical properties of humic acids of some forest soils. D. F. Sokolov, T. N. Sudnitsyna Dokl. AN SSSR 138 no. 4: 931-934 Je '61.
Effect of conifer and hardwood species on physical properties and water balance of leached Chernozems. S. V. Zonn, E. A. Kuz'mina. Trudy Lab. lesoved. 1: 145-201 '60.
Effect of forest fires on the physicochemical properties of certain Ural soils V. P. Firsova Izv. vys. ucheb. zav., les. zhur. 3 no. 1: 13-20 '60.
How forest plantations of different composition affect microbiological processes in leached Chernozems. E. V. Runov, I. E. Mishustina. Trudy Lab. lesoved. 1: 86-126 '60
Moisture balance of the dark brown soils of walnut forests [with summary in English]. N. S. Lebedinova. Pochvovedenie no. 5: 21-33 My '61.
Transformation processes of the organic matter of conifer and hardwood species and their effect on the composition of humus in leached Chernozems. S. V. Zonn, D. F. Sokolov. Trudy Lab. lesoved. 1: 61-85 '60

FOREST SOILS—BIBLIOGRAPHY see Bibliography—Forest soils

FOREST THINNING
Effect of thinning on the water balance of soils and the growth of extensive forest plantations in the arid steppe [with summary in English]. A. N. Stupnikova, I. I. Sudnitsyn, V. G. Stupnikov. Pochvovedenie no. 5: 61-68 My '61.

FOREST WORKERS
Pay more attention to raising the cultural and technical standards of forest workers. B. A. Minkinin. Les. khoz. 14 no. 6: 1-4 Je '61.

FORESTRY LAW AND LEGISLATION
Legal regulations relating to the protection of nature. N. D. Kazantsev Vest. Mosk. un. Ser. 10: Pravo 15 no. 1: 5-17 '60
Protection of nature and problems facing the local soviets of workers' deputies. V. Murtian, V. Skibits'kyi. Rad. pravo no. 3: 18-26 My-Je '61.
We should intensify our struggle against the violation of forest laws. V. Skrypnychenko. Rad. pravo no. 2: 122 Mr-Ap '60

FORESTRY RESEARCH

Brief news. Biul. nauch.-tekh. inform. Ukr NIILKhA no. 5:132-133 '58.

Using radioisotopes in forestry. V. Klemm. Les. khoz. 14 no. 6:87-90 Je '61.

FORESTRY SCHOOLS AND EDUCATION

Put the training of specialists on a standard to meet modern requirements. N. F. Vas'kovskii, N. D. Kozlov. Les. khoz. 14 no. 6 5-8 Je '61.

FORESTS AND FORESTRY

(see also subdivision under Europe, Eastern, Moscow Province, Ukraine; Vilyuy Valley, Yakutia, Yana Valley, Yakutia)

Beacon lights for forestry workers. A. Fedotov Komsom. zhizn' no. 9 14-15 My '61.

Brief news. Les. khoz. 14 no. 6:95 Je '61.

Calculating the shade and light in tree stands [with summaries in English, German, and French]. V. M. Shul'gin. Vest. sel'khoz. nauki 6 no. 5 111-116 My '61.

Effect of subsurface and surface flooding on the growth of forests. L. P. Smoliak. Sbor. nauch. rab. Bel. otd. VBO no. 1:148-153 '59.

"Increasing the general productivity of forest by improvement cuttings" by P. V. Voronov. Reviewed by A. S. Matveev-Motin. Les. khoz. 14 no. 6:91-93 Je '61.

Let's preserve and increase our mountain resources. A. V. Ermakov, V. E. Iogansen. Priroda 50 no. 6:60-63 Je '61.

New conditions - new possibilities! V. I. Klevtsov. Les. khoz. 14 no. 6 71-72 Je '61.

FORESTS AND FORESTRY—BIBLIOGRAPHY see Bibliography—Forests and forestry

FORESTS AND FORESTRY—ECONOMIC ASPECTS

Economic characteristics of various forest types. V. K. Zakharov, Iu. D. Sirotkin. Izv. vys. ucheb. zav., les. zhur. 3 no. 1 5-12 '60.

TSepliaev, V. P. [Forests of the U. S. S. R.; economic features] Lesa SSSR, khoziaistvennaia kharakteristika. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 455 p. (DA)

FORESTS AND FORESTRY—EQUIPMENT AND SUPPLIES

Implement for contour plowing. N. G. Petrov. Les. khoz. 14 no. 6:61-62 Je '61.

Implement for the mechanized cultivation of rows in forest plantations. I. F. Makaruk. Les. khoz. 14 no. 6:59-61 Je '61.

Mechanized care of forest plantations on terraces of mountain slopes. Iu. M. Serikov. Les. khoz. 14 no. 6. 55-58 Je '61.

FORESTS AND FORESTRY—EXPERIMENTAL AREAS see subdivision under Belovodsk District; Crimea; Genichesk District; Ol'ginka District; Ovruch District; Sumy Province; Vladimirovka District, Nikolayev Province

FORESTS AND FORESTRY—VALUATION

Semeniuta, F. I. [Laboratory and practice lessons in forest evaluation and management] Laboratorno-prakticheskie zaniatiia po lesnoi taksatsii i lesoustroistvu. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 303 p. (DA)

FORGING

Phosphatizing in the cold upsetting of reinforcement elements. F. M. Ladyzhenskaia and others. Stal' 21 no. 5:471-474 My '61.

Use of hard ceramic metal alloys for the upsetting of reinforcement elements. L. S. Feigin, E. A. Limina. Metallurg 6 no. 3:33-35 Mr '61.

FORGING—BIBLIOGRAPHY see Bibliography—Forging

FORGING—PRODUCTION STANDARDS

Practice of developing time norms for melting, casting and knockout operations. Iu. Kel'bert. Biul. nauch. inform.: trud i zar. plata 4 no. 5:43-48 '61.

FORGING MACHINERY

(see also subdivision under Ukraine)

Notice on the dynamics of two-disk friction screw hammers (presses). A. I. Zimin. Vest. mash. 41 no. 5:54-55 My '61.

Rodov, G. M., and I. M. Podrabinnik. [Automation of stamping equipment] Avtomatizatsiia shtampovochnogo oborudovaniia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 133 p.

FORGING MACHINERY—TRANSMISSION DEVICES

Selecting the type of mechanical transmission for press forging machines. I. D. Trofimov. Kuz.-shtam. proizv. 3 no. 5 19-21 My '61.

FORMALDEHYDE

Change in electrophoretic properties of Cl. oedematiens toxin under the influence of formalin [with summary in English]. M. V. Ispolatovskaia, E. V. Vlasova. Biul. eksp. biol. i med. 51 no. 3:67-71 Mr '61.

Method for determining acetyl groups in acetylated polyformaldehyde. W. Kosinska, J. Feigin. Plast. massy no. 6 8-9 '61.

FORMAZANS

1, 5-Diaryl-3-halogeno-formazan series. Part 2. Synthesis of arylazochloroacetic acids. M. O. Lozinskii, P. S. Pel'kis. Zhur. ob. khim. 31 no. 5 1621-1624 My '61.

FORMIC ACID

Liquid - vapor equilibrium in systems formed by hydrocarbons and methyl formate. S. K. Ogorodnikov, V. B. Kogan, M. S. Nemtsov. Zhur. prikl. khim. 34 no. 3:581-584 Mr '61.

FORMS, QUADRATIC

New variant of the proof of the Stuff-Minkowski theorem on the finiteness of the number of edges in Hermite's reduction region. A. V. Malyshev. Usp. mat. nauk 16 no. 2 127-129 Mr-Ap '61.

FORSTER, GEORG, 1754-1794

Once more on Georg Forster. V. V. Nedospasov. Bol. zhur. 45 no. 4:617-618 Ap '60.

FORTIFICATIONS, OLD see subdivision under Uzbekistan

FOSSIL BEETLES see Beetles, Fossil

FOULING OF SHIP BOTTOMS

Ultrasonics "shave." Znan. ta pratsia no. 3:21 Mr '61.

FOUNDATIONS

(see also subdivision under Leningrad)

Akademiia stroitel'stva i arkhitektury SSSR. Institut osnovanii i podzemnykh sooruzhenii. [Manual on geodetic methods of measuring horizontal displacement in foundations of structures] Rukovodstvo po geodezicheskim metodam izmerenila gorizontal'nykh smeshchenii v osnovaniiakh sooruzhenii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 79 p.

Building on apartment house of vibrated brick panels on settling soil. E. Aleksandrov, A. Chutro, F. Solov'ev. Zhil. stroi no. 4 27-29 Ap '61.

Calculating plastic deformations of the subgrade in designing foundation strips. N. F. Kakosimidi. Osn., fund. i mekh. grun. 3 no. 2:17-20 '61.

Contact stresses in the foundations of concrete hydraulic structures at the Kakhovka hydroelectric development. S. IA. Eidel'man. Izv. VNIIG 63:159-183 '60.

Controlling the bulging of lightly loaded foundations in a region of widespread perpetually frozen soils. V. A. Cheiakashin. Osn., fund. i mekh. grun. 3 no. 2:11-12 '61.

Design of foundations of buildings to be erected on permafrost. K. F. Maskin. Osn., fund. i mekh. grun. 3 no. 2:22-23 '61.

Designing foundations anchored in thawed soils taking into account the action of heaving forces. Iu. I. Solov'ev, V. I. Puskov. Osn., fund. i mekh. grun. 3 no. 2:15-17 '61.

Instructions for using SN 56-59 precast continuous footings. E. A. Sorochan. Osn., fund. i mekh. grun. 3 no. 2, 26 '61.

Measuring the displacements of buildings with precast deep footings. P. I. Bralt, E. M. Pereponova. Osn., fund. i mekh. grun. 3 no. 2:5-6 '61.

Progressive methods of foundation construction should be introduced into the practice of construction in permafrost soils. Osn., fund. i mekh. grun. 3 no. 2:1-2 '61.

Study of the deformation of a foundation compacted by sand piles. Iu. M. Abelev. Osn., fund. i mekh. grun. 3 no. 2:2-5 '61.

Ter-Galustov, S. A. [Deep foundations prepared by means of drilling; foundations made by the drilling method using flushing fluids with subsequent concrete processing of holes] Burovye opory glubokogo zalozhenila, opory, vypolniaemye metodom burenila i betonirovanila skvazhin pod glinistym rastvorom. Moskva, Izd-vo M-va komm. khoz. RSFSR, 1961. 126 p.

Unstabilized settling of buildings. P. P. Borodavkin. Osn., fund. i mekh. grun. 3 no. 2:24-25 '61.

FOUNDATIONS—BIBLIOGRAPHY see Bibliography—Foundations

FOUNDING

(see also subdivision under Voronezh Province)

Casting large-size thin-walled parts by the method of directional-progressive crystallization. V. D. Khramov, E. V. Mishakov. Trudy MATI no. 40:5-23 '61.

Selecting the most satisfactory size and shape of riser depending on the solidification time length of the casting. G. Kniaginin, V. Lenga. Lit. proizv. no. 5:32-36 My '61.

Single-tip cast-iron teeming and mechanization of operations at the hearth of blast furnaces. K. P. Rogovskoi. Bezop. truda v prom. 5 no. 5:25-26 My '61.

Water and shot are the founder's helpers. G. Treguben-ko. Znan. ta pratsia no. 2:12 F '61.

FOUNDING—HANDBOOKS, MANUALS, ETC.

Golovin, S. IA. [Brief founding handbook] Kratkii spravochnik liteishchika. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 375 p.

FOUNDING—HYGIENIC ASPECTS

Improving the sanitary conditions of work with sandblasting machines. G. L. Khazan and others. Lit. proizv. no. 5:42-43 My '61.

FOUNDING—TERMINOLOGY

More on technical terminology in founding. L. I. Levi, M. N. Sosnenko. Lit. proizv. no. 5 45-48 My '61.

FOUNDRIES—EQUIPMENT AND SUPPLIES

Hermetic ladle for magnesium additions to cast iron. V. D. Matveev and others. Lit. proizv. no. 5:41 My '61.

Okromeshko, N. V. [Mechanization and automatic control in foundries] Mekhanizatsiia i avtomatizatsiia liteinykh tsekhov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 374 p.

Standard equipment for the surface drying of foundry molds. S. I. Chetverukhin. Lit. proizv. no. 5:15-18 My '61.

FOUNDRIES—EQUIPMENT AND SUPPLIES—COOLING

Automation of the cooling of ingot molds. B. I. Klimenko, IA. S. Pinus. Mekh. i avtom. proizv. 15 no. 5:9 My '61.

FOUNDRY SAND see Sand, Foundry

FOURIER SERIES

Bari, N. K. [Trigonometric series] Trigonometricheskie riady. Pod red. uchastii P. L. Ul'ianova. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 936 p.

Divergent series from L^2 over complete systems. A. M. Olevskii. Dokl. AN SSSR 138 no. 3 545-548 My '61.

Existence of a trigonometric series universal with respect to its subseries. A. A. Talalian. Dokl. AN SSSR 138 no. 2 317-319 My '61.

Improving the convergence of Fourier's series. R. P. Poplavskii. Prikl. mat. i mekh. 24 no. 2 387-389 Mr-Ap '60.

Use of the Fourier integral in investigating the properties of the optical and photographic image. A. T. Ashcheulov. Zhur. nauch. i prikl. fot. i kin. 5 no. 2 116-157 Mr-Ap '60.

FRACTIONAL DISTILLATION see Distillation, Fractional

FRACTURES

Healing of comminuted fractures following administration of various doses of radioactive phosphorus [with summary in English]. G. N. Ushakova. Arkh. anat. gist. i embr. 39 no. 11 60-67 N '60.

FRANCE, ANATOLE, 1844-1924

The affirmative hero in works of Anatole France. N. I. Rzhevskaia. Uch. zap. Mosk. gos. ped. inst. 75:145-171 '58.

The poetic works of Anatole France ("Collected works in eight volumes" by Anatole France. Reviewed by I. Postupal'skii). Inostr. lit. no. 3 268-269 Mr '60.

FRANCE—AESTHETICS

An earthenware lamplon or a lamp of reason; French cultural figures on the purpose of artistic creation. E. Trushchenko. Inostr. lit. no. 5:194-206 My '61.

FRANCE—ATOMIC BOMB

France and the bomb ("Striking force" [in French] by Daniel Dolifus. Reviewed by P. Efimov). Nov. vrem. 19 no. 23:29-31 Je '61.

FRANCE—AUTOMOBILES—BRAKES

Stand for the inspection of brakes. Avt. transp. 39 no. 4:61 Ap '61.

FRANCE—COMMUNIST YOUTH

A militant organ of French youth. G. Nechaev. Mol. komm. no. 5:96-101 My '61.

FI

I

I

ANCE—INFRARED RAYS—INDUSTRIAL APPLICATIONS
Infrared radiators for drying varnish and paint coatings from "Revue du bois et de ses applications," no 10, 960). Der prom. 10 no 6 31 My '61

ANCE—INSURANCE, SOCIAL
hirty years ago in Paris M I Kalinin Sots ol esp '2 no 5 61-64 My '61

ANCE—LAND TENURE
Allotments of French serfs according to Cluny manuscripts from the 10th to the 12th century. IA. D. Serovalskii. Uch. zap. Kazakh. un. 47 79-105 '60.
Some features of French agrarian history" [in French] by M. Bloch. Vol. 2. Reviewed by IA. Serovalskii. Uch. zap. Kazakh. un. 47 115-120 '60.

ANCE—MEASURING INSTRUMENTS
Exhibition "Measuring Engineering in France." Izm. tekh. no 5,60-61 My '60

ANCE—MEDICINE, PSYCHOSOMATIC—PERIODICALS
Principal theoretical aims of the new French periodical "La revue de la medicine psychosomatique." Report No 1. F. V. Bassin. Zhur. nevr. i psikh. 60 no 3 348-351 '60

ANCE—MOTION PICTURES
Akademiia nauk SSSR. Institut istorii iskusstv. [French motion-picture art] Frantsuzskoe kinoiskusstvo, sbornik statei. Otv. red. S. I. Iutkevich. Moskva, Gos. izd-vo "Iskusstvo," 1960. 493 p.

ANCE—MURDER
he Michelin case. S. B. Sots. zakon. 30 no 6 93-95 Je '60.

ANCE—RAILROADS, SUSPENDED
ew suspended monorail line in France. A. Bain. Zhil.-kom. khoz. 11 no. 2 34 F '61.

ANCE—RELATIONS (GENERAL) WITH RUSSIA
r city which extended an invitation to N. S. Khrushchev Pierre Ronaltere Inostr. lit. no 3 232-235 Mr '60
lesia Chukova. Communist Youth League representative i Radionov. Smena 16 no 8,18-19 Ap '61.

ANCE—RELATIONS (GENERAL) WITH SENEGAL
he Trojan horse in African education Michel N'daki Vestn. stud. nov. 15 no 1 14-15 Ja '61

ANCE—RUSSIAN STUDIES
he history of Soviet society in French textbooks and encyclopedias. A. E. Ioffe, S. V. Mokin. Ist SSSR 5 no 5:193-210 Mr-Ap '61

ANCE—SUGAR INDUSTRY—EQUIPMENT AND SUPPLIES
belt conveyor for the removal of filtration precipitate (from "Sugary Azucar," Sept, 1960) L. A. Shepshelevich Sakh prom 35 no 5 71 My '61

ANCE—SUGAR MANUFACTURE
KA-Oliver filter with an applied layer of kieselguhr S. V. Dykhne. Sakh prom 35 no 5 72-73 My '61

ANCE—TRADE UNIONS
truggle for the unity of the trade-union movement in France. IU. Rubinskii. Mir. ekon. i mezhdunar. otn. no. 6:117-119 Je '61.

ANCE—UTOPIAS
From the history of utopian communism in France in the early 19th century [with summary in English, p 173] A. R. Ioannisian. Nov. i noveish. ist. no. 3 58-69 '61

ANCE—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS
ourage. I. Mil'grom. Grazhd. av. 18 no. 5:22-23 My '61.
ecollections of Fernand Grenier ("This is how it was" by Fernand Grenier. Reviewed by N. Milovidova) Inostr. lit. no. 5:254-255 My '61.

ANCO-RUSSIAN ALLIANCE
onclusion of the Franco-Russian Alliance and its historical role [in Georgian with summaries in Russian and French]. I. Tabagua. Trudy Tbil. GU 77:283-313 '59.

ANKO, IVAN, 1856-1916
van Franko and Czech literature L. I. Roizenzon, S. E. Shatulov Izv. AN Uz SSR no 11:89-91 '56.
here is no God! Volov. ateist no. 5:41-43 My '61.
Unknown review by I. Franko of J. Kasprowicz's "To the dying world." M. O. Moroz. Rad. lit. 5 no. 3:114-115 My-Je '61.

ANKS
The initial stage in the formation of a feudal state. I. IU. Perskain. Uch. zap. Komi gos. ped. inst. no. 7:69-85 '59

ANZ JOSEF LAND—TERRACES (GEOLOGY)
Recent data on Quaternary paleogeography of Franz Josef Land in the light of first results obtained by radiocarbon dating. V. D. Dibner. Dokl. AN SSSR 130 no 4:893-894 Je '61.

FREEMASONS
Bashilov, B. [Russian "European"; Russia under the rule of first successors to Peter I, the early history of Russian Masonry] Russkaia Evropiia; Rossiia pri pervykh preemnikakh Petra I. Nachalo masonstva v Rossii. [n.p.] Izd-vo "Rus'," [n.d.] 87 p.

FREEZING PROCESS (CIVIL ENGINEERING) see Soil freezing

FREIGHT AND FREIGHTAGE
(see also subdivision under Estonia)
Shelchenko, I. P. [Organization of freight transportation by rail and water, lectures] Organizatsiia zheleznodorozhnykh i vodnykh gruzovykh perevozok, lektsii. Moskva, Gos. izd-vo torg. lit-ry, 1961. 99 p.

FREIGHTERS
Barda-Skliarenko, V. T.] Freight transportation in sealed holds [Perevozka gruzov v opломбirovannykh trium kh. Moskva, Izd-vo "Morskoi transport," 1961. 10 p. (Ekonomika i ekspluatatsiia morskogo transporta)
Structural defects of cargo motorboats built by project no. 765. L. Bogdanov. Rech. transp. 20 no. 5.56-57 My '61.

FREIGHTERS—EQUIPMENT AND SUPPLIES
Cranes for cargo motorships. A. Brodskii, N. Chulin Rech. transp. 19 no 2 18-19 F '60

FRENCH LANGUAGE—ARTICLE
On one instance of the use or nonuse of the definite article in "The song of Roland" (Li Deus-Deus) I. G. Piotrovskii Uch. zap. LGU no 299:150-163 '61.

FRENCH LANGUAGE—COMPOSITION AND EXERCISES
The role of literary composition in the development of speech. L. I. Goncharova. Vop. laz. i lit. no. 2:92-101 '60.

FRENCH LANGUAGE—HOMONYMS
Grammatical formation of homonyms in the modern French language N. D. Gedeonova. Uch. zap. LGU no. 299:81-85 '61

FRENCH LANGUAGE—*INTERJECTIONS*
Certain interjections of a verbal origin in the French language. N. M. Shteinberg Uch. zap. LGU no. 299 247-253 '61

FRENCH LANGUAGE—PHONETICS
The liaison in the modern French language. T. B. Gantskaia. Vop. laz. i lit. no. 1:98-109 '59.
Some phonetic characteristics of conversational speech in the modern French language. N. A. Shigarevskaia Uch. zap. LGU no. 299:238-246 '61
Voltaire's system of frenchifying Russian words, from materials on the "History of Russia under Peter the Great." O. V. Arnold Uch. zap. LGU no. 299:37-45 '61

FRENCH LANGUAGE—PREPOSITIONS
Usage of prepositions with the object of the verb in the French language; the preposition "a" with the objects of the verbs prendre, enlever, emprunter, voler, oter, arracher, etc. T. A. Rejana Uch. zap. LGU no. 299:172-176 '61

FRENCH LANGUAGE—STUDY AND TEACHING
The principles of organizing an introductory course in French and methods applied in the initial stage of instruction. T. B. Gantskaia. Vop. laz. i lit. no. 2:77-91 '60.

FRENCH LANGUAGE—STYLE
Moren, M. K., and N. N. Teterevnikova. [Stylistics of modern French] Stilistika sovremennogo frantsuzskogo iazyka. Moskva, Izd-vo lit-ry na inostr. iazykakh, 1960. 298 p.

FRENCH LANGUAGE—TENSE
Stylistic interchange of the past and present perfect in the modern French language O. V. Krzhevskaia Uch. zap. LGU no. 299:106-115 '61

FRENCH LANGUAGE—VERB
From a grammatical form to a new word. E. A. Referovskaia. Uch. zap. LGU no. 299:177-185 '61
Is the Latin "inde" a source for the Romance "de?" T. B. Kazanskaia Uch. zap. LGU no. 299:98-100 '61.

FRENCH LITERATURE—HISTORY AND CRITICISM
The peasant theme in French literature of the 19th century. V. A. Gal'perin Uch. zap. Komi gos. ped. inst. no. 7:153-175 '59.

FRENCH LITERATURE—TRANSLATIONS INTO RUSSIAN
"Manon Lescaut" in a translation by B. A. Krzhevskii. E. G. Etkind. Uch. zap. LGU no. 299:254-259 '61

FRENCH NEWSPAPERS
A militant organ of French youth G. Nechaev Mol. komm. no. 5:96-101 My '61.

FREQUENCIES OF OSCILLATING SYSTEMS
Semigraphical investigation of one type of a self-oscillatory system. N. K. Kaminskii. Nauch. dokl. vys. shkoly; radiotekh. i elektron. no. 2:185-196 '59

FREQUENCY CHANGERS
Possibility of fractional multiplication and division of frequency IU. V. Belotserkov, B. P. Terent'ev Nauch. dokl. vys. shkoly, radiotekh. i elektron no. 2 117-125 '59
Regenerative transistor frequency divider. E. I. Dolbak. Izm. tekh. no. 5 46-49 My '61.

FREQUENCY MEASUREMENTS
Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 206-57 for checking heterodyne frequency meters] Instruktsiia 206-57 po poverke geterodinnykh chastotomerov. Izd. ofitsial'noe Moskva, 1958, 7 p.
Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 207-54 for checking crystal-controlled calibrating devices] Instruktsiia 207-54 po poverke kvartsevykh kalibratorov Izd. ofitsial'noe, Moskva, 1957. 7 p.
Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 218-57 for checking 44-I heterodyne frequency meters] Instruktsiia 218-57 po poverke geterodinnykh chastotomerov tipa 44-I. Izd. ofitsial'noe, Moskva, 1957. 10 p.
Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 219-55 for checking VVT-D heterodyne frequency meters] Instruktsiia 219-55 po poverke geterodinnogo chastotomera tipa VVT-D. Izd. ofitsial'noe, Moskva, 1957. 6 p.
Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 220-55 for checking GCh-I and GCh-IM heterodyne frequency meters] Instruktsiia 220-55 po poverke geterodinnykh chastotomerov tipa GCh-I i GCh-IM. Izd. ofitsial'noe, Moskva, 1957. 11 p.

FREQUENCY REGULATION
Frequency control by means of high-quality quartz resonators. L. D. Biyzzhev. Izm. tekh. no. 6:48-50 Je '61.
Protection of an electric power system from a frequency increase L. M. Levit Elek. sta. 32 no 5 71-75 My '61
Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 211-54 for checking generators with a fixed frequency of 1000 c. p. s. using the radio-transmitted 1000 c. p. s. standard frequency] Instruktsiia 211-54 po poverke generatorov s fiksirovannoi chastotoi 1000 gts po peredavaemoi po radio etalonnoi chastote 1000 gts. Izd. ofitsial'noe Moskva, 1957 8 p.

FRESH WATER see subdivision under Kara Kum

FRESH-WATER FAUNA
Ecoparasitological study of the biocoenosis of some lakes in Kaliningrad Province. Report No. 5: A general survey [with summary in English]. M. N. Gol'dova Vest. LGU 16 no. 9,46-60 '61.

FRESH-WATER FLORA see subdivision under Moskva River, Mortso, Lake

FREUD, SIGMUND, 1856-1939
Principles of psychoanalysis in F. V. Bassin's critique. C. L. Musatti. Vop. psikhol. 6 no. 3 142-148 My-Je '60
Reply to Professor Cesare L. Musatti. F. V. Bassin. Vop. psikhol. 6 no 3 149-157 My-Je '60.

FRICTION
Contact temperature in friction areas of machinery. A. I. Pestov. Vest. mash. 41 no. 5:3-10 My '61.
Determination of the friction coefficient on the distribution of hardness in the plastic zone. Kuz. shtam. proizv. 3 no 5 10 My '61.
Investigating the characteristics of changes in friction coefficients in case of rolling with minor sliding. M. D. Genkin, IU. A. Misharin, V. S. Porokhov. Izv. vys. ucheb. zav., mashinostr. no 1 63-68 '60
Vasilenko, P. M. [Theory of the movement of particles on rough surfaces of agricultural machines] Teoriia dvizhenila chastitsy po sherekhovatym poverkhnostiam sel'skokhoziaistvennykh mashin. Pod red. M. I. Medvedeva. Kiev, Izd-vo Ukr. Akad. sel'khoz. nauk, 1960. 283 p.

FRICTION CLUTCHES see Clutches (Machinery)

FRICTIONAL RESISTANCE (HYDRODYNAMICS)
Fall velocity of particles of rock during free and hindered falling IU. A. Markov, A. E. Smoldyrev. Gor. zhur. no. 3:71-72 Mr '60.

FROGS
Recent data on the duplication of extremities in frogs under natural conditions [with summary in English]. A. A. Voitkevich. Biul. eksp. biol. i med. 49 no. 3:102-105 Mr '60.

FROLOV, VIACHESLAV VASIL'EVICH, d. 1960
V. V. Frolov, obituary. Inform. biul. Sov. antark. eksp. no. 23.42 '60.

FROLOVA, NATAL'IA VASIL'EVNA, 1907-1960
In memory of Natal'ia Vasil'evna Frolova. M. S. Babkova and others. Geol. i geofiz. no. 12:133-138 '60.

FRONTIER GUARD see Border guard

FROST PROTECTION
Features of autumn frost damage to orchards and restorative measures in Uzbekistan A. A. Rybakov Izv. AN Uz SSR no. 12 30-40 '56.

FROZEN GROUND
(see also subdivision under Bunger Hills, Antarctica)
Akademiia nauk SSSR. Institut merzlotovedeniia. [Field studies of permafrost, methodological manual] Polevye geokriologicheskie (merzlotnye) issledovaniia, metodicheskoe rukovodstvo. Moskva, Izd-vo Akad. nauk SSSR, 1961. 422 p.
Akademiia nauk SSSR. Institut merzlotovedeniia. [Heat exchange and mass transfer in frozen soils and rocks] Teplo- i massoobmen v merzlykh pochvakh i gornykh porodakh. Moskva, 1961. 110 p.
Akademiia nauk SSSR. Institut merzlotovedeniia. [Physical and chemical processes in freezing and frozen rocks] Fiziko-khimicheskie protsessy v promerzaiushchikh i merzlykh gornykh porodakh. Moskva, 1961. 110 p.
Controlling the bulging of lightly loaded foundations in a region of widespread perpetually frozen soils V. A. Cherkashin Osn., fund. i mekh. grun. 3 no. 2 11-12 '61
Design of foundations of buildings to be erected on permafrost. N. F. Markin Osn., fund. i mekh. grun. 3 no. 2, 22-23 '61
Digging the foundation pit for a tank in frozen ground. B. P. Belokrys, S. B. Kaminskii Stroi. truboprov. 6 no. 2 15-16 F '61
Means of determining the depth of preparatory working of soils. V. E. Chugaev, Stroi. truboprov. 6 no. 2 25-27 F '61.
Progressive methods of foundation construction should be introduced into the practice of construction in permafrost soils Osn., fund. i mekh. grun. 3 no. 2 1-2 '61
Research on rock displacement in working placer deposits under permafrost conditions. V. V. Klorosko. Izv. vys. ucheb. zav., gor. zhur. no. 12 3-14 '59.
Selection of sites for setting station marks and bench marks in the tundra M. S. Uspenskii Geod. i kart. no. 1 30-31 Ap '61

FROZEN GROUND—ELECTRIC PROPERTIES
Electric conductivity of frozen ground [with summary in English]. A. A. Ananian, V. P. Dobrovol'skii. Geol. i geofiz. no. 3 96-103 '61.

FRUCTOSANS
Dynamics of carbohydrate formation in vegetative organs of Helianthus tuberosus L. [with summary in English]. S. M. Strepkov Biokhimiia 25 no. 2 219-226 Mr-Ap '60

FRUCTOSE
Storage of Jerusalem artichoke tubers at the Markizovka fructose plant I. I. Marchenko, M. IA. Slinsarenko Sakh. prom. 35 no. 5 48-51 My '61

FRUIT—CHEMICAL COMPOSITION
Comparative research on the amino acid composition of the kernels of some stone fruits. S. I. IAnkov. Izv. vys. ucheb. zav., pishch. tekh. no. 2 51-53 '61

FRUIT—RIPENING
Ripening time and keeping quality of fruits as influenced by the type of the pollinator. S. IU. Dzheneev. Kons. i ov. prom. 16 no. 5 24-25 My '61.

FRUIT—STERILIZATION
Transformations of fruit and berry anthocyanins in the course of sterilization by heat and γ-rays. M. L. Frumkin, L. P. Koval'skaia, E. V. Dorofeeva. Kons. i ov. prom. 16 no. 5 8-12 My '61.

FRUIT CULTURE
Lobanov, G. A. [Developing new fruit and berry varieties] Vyvedenie novykh sortov plodovykh i iagodnykh rastenii. Izd. 3., ispr. i dop. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 183 p.
(DA)

FRUIT TRADE see subdivision under Moscow

FRUIT TREES see subdivision under China; Uzbekistan

FRUIT TREES—DISEASES AND PESTS
The mite Bryobia redikorzevi Reck as a fruit tree pest in Azerbaijan [in Azerbaijani with summary in English] S. G. Khalilova, D. A. Radzhabova. Uch. zap. AGU Biol. ser. no. 4 49-56 '60

FRUIT TREES—FERTILIZERS AND MANURES
Effect of spray application upon the oxidation-reduction, nitrogen metabolism, and yield of fruit trees. E. M. Pankratova. Nauch. dokl. vys. shkoly; biol. nauki no. 2 162-168 '61.
Use of granulated fertilizers for fruit trees. M. K. Sabirov Izv. AN Uz. SSR no. 11 69-75 '56.

FRUNZE, MIKHAIL VASIL'EVICH, 1885-1925
M. V. Frunze Uzbekistan 19 no. 2 10 F '60

FRUNZE—ROOFING, CONCRETE
New roofings for buildings. I. Polikov NTO 2 no. 5 25 My '60

FUEL
Golovanov, N. G. [Solid fuel as a chemical raw material] Tverdoe toplivo kak khimicheskoe syr'e. Kiev, 1961. 41 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Ukrainskoi SSR. Ser. 6, no. 2)
What the figures tell us. Znan. sila 36 no. 2 7 F '61.

FUEL—THERMAL PROPERTIES
Application of the linear heat source method to the determination of the thermal conduction coefficient of solid fuels. E. K. Rodionova, I. L. Tarberov, N. P. Ur'evskaia. Trudy IGI 13 48-51 '60.

FUEL—TRANSPORTATION
Savel'ev, V. K. [Comparative economic efficiency of fuel transportation and electric power transmission] Sravnitel'naia ekonomicheskaia effektivnost' transporta topliva i peredachi elektroenergii. Moskva, Izd-vo Akad. nauk SSSR, 1961. 230 p.

FUEL PUMPS
Gear pump for pumping high-viscosity petroleum products. I. Chiniaev. Rech. transp. 19 no. 2 29-30 F '60.
Installing fuel pumps. V. Sverchuk. Sel'. mekh. no. 5 41-42 '61.
Performance of booster pumps. V. N. Kvach. Mekh. sil'. hosp. 12 no. 6 16-17 Je '61.

FUEL PUMPS—TESTING
Electronic controller. D. Ivannikov Iln. tekh. 5 no. 1 5 Ja '61.
Inspection of jets and pump and injector units during their operation. E. Popov. Avt. transp. 39 no. 4 17-19 Ap '61.

FUMAGILLIN
Paper chromatographic study of fumagillin. N. O. Blinov. Antibiotiki 5 no. 2 16-20 Mr-Ap '60

FUNCTIONAL ANALYSIS
Accumulation of perturbations in linear systems L. S. Gnoenskii Prikl. mat. i mekh. 25 no. 2 319-331 Mr-Ap '61
Approximation of functions by polynomials satisfying nonlinear relations V. N. Burov. Dokl. AN SSSR 138 no. 3 515-517 My '61.
Asymptotic behavior of Green's function for Sobolev-Gal'pern equations. B. R. Vainberg. Dokl. AN SSSR 136 no. 5 1015-1018 F '61.
Asymptotic distribution of the number of intersections of the boundary of a given region by a random function I. I. Likhtman. Visnyk Kyiv. un. Ser. astron., mat. ta mekh. no. 1 25-40 '58.
Basis in the space of abstract functions. L. A. Gurevich. Dokl. AN SSSR 136 no. 1 12-15 Ja '61
Cauchy type integrals, convergence and summability Summary by the author. P. L. Ul'ianov Usp. mat. nauk 16 no. 2 255-260 Mr-Ap '61
Completeness of the system of functions $\{z^{n}(\log z)^{k}\}$ on curves and in regions of a complex plane Chen' Se-chan [Ch'ên Hsieh-ch'ang] Dokl. AN SSSR 138 no. 3 560-563 My '61.
Condition for the expansion of functions into a quasi-power series within the fundamental interval G. V. Badalian Dokl. AN SSSR 136 no. 1 9-11 Ja '61.
Conditions for non-self-adjointness of a second-order linear differential operator N. T. Kuptsov Dokl. AN SSSR 138 no. 4 767-770 Je '61
General form of a functional in the analytical in a semicircular doma
Dokl. AN SSSR 138 no. 3 549-552
Generalized Chebyshev nets and mar curvature I. IA. Bakel'man. Dok 506-507 My '61.
Hilbert's boundary value problem. AN SSSR 138 no. 3 537-540 My '
Infinitely differentiable function with given at a certain point. B. S. Mitia 138 no. 2 289-292 My '61.
Multiplicative representation of cert tor functions. M. S. Brodskii Dok 751-754 Je '61.
One theorem of the existence of rati Rieman surfaces. V. G. Mikhal'chu 138 no. 2 293-296 My '61.
Ranges of values of some systems c certain classes of analytic functio English] V. A. Andreeva, N. A. L Vest. LGU 16 no. 7 8-22 '61.
Remark on G. M. Zhdanov's article " of a system of first-order differen retarded argument." A. D. Myshki 16 no. 2 131-133 Mr-Ap '61.
Sergei Natanovich Bernshtein—auth tive theory of functions. V. S. Vide nauk 16 no. 2, 21-24 Mr-Ap '61.
Singular integral equations in the classes of Lipschitz functions S. G. Mikhlin Dokl. AN SSSR 138 no. 3 511-514 My '61
Solution of certain equations with variational derivatives E. Novikov Usp. mat. nauk 16 no. 2 135-141 Mr-Ap '61
Some properties of diffusion processes depending on a certain parameter IU. N. Blagoveshchenskii, M. I. Freidlin. Dokl. AN SSSR 138 no. 3 508-511 My '61
A space scale. S. G. Lutsm, P. M. Semenov Dokl. AN SSSR 138 no. 4 764-766 Je '61

FUNCTIONAL ANALYSIS—CONGRESSES
Fifth All-Union Conference on Functional Analysis and its Applications IU. I. Domshlak, Z. I. Khalilov Usp. mat. nauk 16 no. 2 242-247 Mr-Ap '61

FUNCTIONS
Certain classes of convex functions. Tsuyoshi Andô. Dokl. AN SSSR 136 no. 5 1007-1010 F '61

FUNCTIONS, ANALYTIC
Continuant bases of analytical functions. M. M. Dragilev. Mat. sbor. 53 no. 2 207-218 F '61.

FUNCTIONS, CHARACTERISTIC see Eigenfunctions

FUNCTIONS, ELLIPTIC
Boundary value problems for quasi-linear strongly elliptic systems of equations having a divergent form M. I. Vishik Dokl. AN SSSR 136 no. 3 518-521 My '61

FUNCTIONS, ENTIRE
Certain inequalities for an integral function of a finite power and its derivatives I. I. Ibragimov, A. S. Dzhafarov. Dokl. AN SSSR 138 no. 4 755-758 Je '61

FUNCTIONS, EXPONENTIAL
Shervatov, V. G. [Hyperbolic functions] Giperbolicheskie funktsii. Izd. 2. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1958. 64 p. (Populiarnye lektsii po matematike, 16)
(MJP)

FUNCTIONS, HYPERGEOMETRIC
Generating function for Klebsch-Gordan coefficients. L. I. Aklin, A. A. Levin Dokl. AN SSSR 136 no. 3 503-505 My '61.

FUNCTIONS, ORTHOGONAL
Divergent series from L^2 over complete systems A. M. Olevskii Dokl. AN SSSR 138 no. 3 545-548 My '61
Theory of orthogonal polynomials over several intervals N. I. Akhiezer, IU. IA. Tomchuk Dokl. AN SSSR 136 no. 4 743-746 Je '61

FUNCTIONS, PERIODIC
Analytical expression for the effective mass of a particle moving in a one-dimensional periodic field [with summary in English] P. P. Pavinskii. Vest. LGU 16 no. 10 8-12 '61
Hill's method in the theory of linear differential equations with periodic coefficients K. G. Valeev. Prikl. mat. i mekh. 25 no. 2 311-318 Mr-Ap '61
Regions of stability of an equation with periodic coefficients. IU. P. Pyt'ev Prikl. mat. i mekh. 25 no. 2 294-302 Mr-Ap '61

FUNCTIONS, THETA
Generalization on the modular transformation of the theta function A. M. Zhuravskii. Zap. LGI 40 61-66 '59.

FUNCTIONS OF COMPLEX VARIABLES
Range of values of a functional in certain classes of bounded univalent functions M. I. Red'kov Uch. zap.

FUNGI, PHYTOPATHOGENIC

Comparative characteristics of Phytophthora infestans DB strains from potatoes and tomatoes [with summary in English]. N. P Chernopanova, L. I. Pshedetskaia. Vest LGU 16 no 9 144-148 '61.

Fungi of the genus Typhula in the U S S R E. G. Potatosova Bot zhur 45 no 1 567-572 Ap '60

FUNGI, WOOD-STAINING see Wood-staining fungi

FUNGICIDES

Effect of a growth promoting substance of petroleum origin on the development of microscopic fungi [in Azerbaijani with summary in Russian] G S Kasimova Uch zap AGU Biol ser no 1 3-10 '60

Effect of epilin on the growth of young rats [with summary in English]. D. A Kaldin. Farm. i toks. 24 no. 1 105-106 Ja-F '61.

Foliar feeding of black currants and the possibility of combining it with fungicidal treatment [with summary in English]. I. F. Indenko. Fiziol. rast. 7 no. 2:198-206 '60.

Stabilizers of copper-soap solutions. A. P. Vasil'evskii. Biul. Glav bot sada no. 38:79-82 '60.

Synthetic antimicrobial substances with antibioticlike properties [with summary in English] M. N Rotmistrov and others Antibiotiki 6 no 2 111-115 F '61

FUR

(see also subdivision under Kazan)

Use of infrared rays for drying fur skins and cut parts E. B. Frenkel', E. G. Khmel'nitskaia. Kozh.-obuv prom. 3 no 1 25-29 Ja '61.

FUR—DRESSING AND DYEING

AZhK2-600 apparatus for liquid treatment of sheep pelts. G. P. Shakhet, L. N. Kurlatova. Nauch.-issl. trudy NIIMP no. 9:98-107 '59.

Accelerating the dressing and dyeing processes of sheep pelts. IA. A. Purim, P. I. Chatskii. Nauch.-issl. trudy NIIMP no. 9:38-56 '59.

Determining the concentration of solutions used in fur manufacture by their electric conductivity. Z. N. Charukhina and others. Nauch.-issl. trudy NIIMP no. 9:56-70 '59.

Increasing the wear resistance of the hair covering of rabbit pelts dyed with aniline black. G. P. Kadzharduzova. Kozh.-obuv. prom. 3 no. 4 15-17 Ap '61.

Method of quantitative determination of emeraldine in fibers dyed with aniline black. I. I. Paniukin. Nauch.-issl. trudy NIIMP no. 9:34-38 '59.

Studying the use of elastic vibrations in the liquid treatment of furs. K. V. Meshkov. Nauch.-issl. trudy NIIMP no. 9:71-81 '59.

Subcutaneous muscle layer of pelts and its effect on the dressing processes. A. M. Zubin, O. D. Rokhvarger. Nauch.-issl. trudy NIIMP no. 9:3-12 '59.

FUR—GRADING

Determining the thickness of the hair covering of dyed rabbit and sheep pelts. T. A. Shmeleva. Nauch.-issl. trudy NIIMP no. 9:23-34 '59.

Studying the effect of basic defects of rabbit pelts on the yield of useable surfaces and quality of goods in cutting collar sections. N. L. Loseva, Z. B. Borisova. Nauch.-issl trudy NIIMP no. 9:82-89 '59.

FUR—TESTING

Method of determining fur hair damage by the amount of nitrogen and sulfur in volatile compounds. E. V. Matiushina. Nauch.-issl. trudy NIIMP no. 9:12-23 '59.

FUR GARMENTS

...ices in ...eep pelts. ...9:89-98

Synthesis of dihydrofuran derivatives A S Sopova, V V. Perekalin, IA S Bobovich Zhur ob khim 31 no 5 1528-1532 My '61

Use of certain nitrofurans and antibiotics in erysipelas [with summary in English] Zh. M I opatina Antibiotiki 6 no 3 233-238 Mr '61

FURFURYLAMINE

Furan series Part 15 N-(β-oxyethyl)furfurylamines in the synthesis of piperazines and ethylenediammes containing a furan ring K IU Novitskii and others Zhur ob khim 31 no 5 1445-1448 My '61.

FURNACES

Handmade tubular furnace heated electrically. I. A Orlovskii Khim v shkole 15 no 2 50-51 Mr-Ap '60

Temperature regulation of gases at the inlet and outlet of a rotating tubular furnace with internal heating V. D. Ryzhkin. Khim. mash. no. 3 5-7 My-Je '61.

Use of the chromatographic analysis of gases in the study of furnace systems A K Vaukov, R P Dzedzik. Elek sta 32 no 5 12-15 My '61

FURNACES, HEAT TREATING

Greater accuracy of conditions of heat treatment in gauging plants in connection with furnace transfer to gas firing. N. P. Zhetvin. Stal' 21 no. 6:559 Je '61.

Heat-treating furnace for the hardening of rails. G. N. Kriukov, I. I. Khrybin. Metallurg 6 no. 6:26-28 Je '61

FURNACES, HEATING

Automatic control of regenerator soaking pits. I. N. El'ke. Stal' 21 no. 6:566 Je '61.

Continuous conveyer disk-type heating furnace [from "Journal of Iron and Steel Institute," no. 194, 1960]. E. S. Levinzon. Stal' 21 no. 6:557-559 Je '61.

Nonoxidizing heating of blanks by an open flame with the burning-up of incomplete combustion products in the working area of a furnace. A. U. Pugovkin. Kuz. shtam. proizv. 3 no. 5:34-36 My '61.

Transfer of heating furnaces from fuel oil to natural gas. I. I. Shalamov and others Metallurg 6 no. 5:30-31 My '61.

FURNITURE

(see also subdivision under Moscow Province)

Mechanization of the finishing of armrests. O. N. Khokhlov. Der. prom. 10 no. 3:18-19 Mr '61.

FURNITURE—CATALOGS

Russia (1923- U. S. S. R.) Glavnoe upravlenie standarinogo domostroitel'stva. TSentral'noe biuro tekhnicheskoi informatsii. [Furniture for modern apartments] Mebel' dlia kvartir novogo tipa. Moskva, 1959. 293 p. illus.

FURNITURE INDUSTRY

(see also subdivision under Poland)

Automatic production line for repeated processing of furniture panels. V. P. Bukhtiiarov. Der. prom. 10 no. 3:3-6 Mr '61.

Component calculation in the manufacture of particle boards and furniture panels. I. A. Otlev. Der. prom. 10 no. 5:13-14 My '61.

New type of an automatic reversing feeder. M. Z. Ezerskii, N. K. Kirpenev, L. M. Daenman. Der. prom. 10 no. 5:19-20 My '61.

Review of the scientific research and design work of the Central Planning and Design Bureau of the Furniture Industry Administration of the Moscow City Economic Council. Der. prom. 10 no. 5:17-18 My '61.

Works of the Central Scientific Research Institute of Plywood and Furniture in the field of furniture manufacture. N. A. Morozov. Der. prom. 10 no. 5:7-8 My '61.

...of two liquid phases in the system ...l - water. V. F. Sukhodol, P. M. ...ob. zav. ;plastch. tekh. no. 2:114-

...-1555

...lition [in Azerbaijani with sum... Babaev. Trudy API 7:73-80

...II NORBERTOVICH, 1860-1907 ...ibrichovskii; on the one hundredth ...h. I A. Zinov'ev. Fel'd. i akush. ...).

...EVICH, 1934- Evgenii Vorob'ev. Iek. kino

...ev's salutatory address Geod. ...i.

..., we continue our flight. ... ...m. no. 5:13-10 My '61 ... with us. Sov. profsoiuzy 17

...remenko and others. Volov. ...61.

...tsmyan, Igor' Golosovskii. ...imena 38 no. 7:4-6 Ap '61.

IUrii Gagarin, the first cosmonaut Volov ateist no. 4:7 Ap '61.

Preparing for the great feat. G. Smirnov. Znam sila 36 no 5:5 My '61.

Saluting IUrii Gagarin, courageous astronaut. Mest. prom i khud. promys. 2 no. 5 1-2 My '61.

Story told by the friends of the hero. O. Muratova. Nauka i zhizn' 28 no. 4:6-7 Ap '61.

The pride of a planet Lev Sheinin Oktiabr' 30 no 5 3-8 My '61

To the landing area of the space ship "Vostok." N. Denisov. Sov. pech. no 5:11-13 My '61

GALACTURONIC ACID

Enzymatic production of galacturonic acid. A. V. Mel'nik, V. V. Arasimovich Dokl. AN SSSR 136 no. 5:1235-1237 F '61.

Extraction of galacturonic acid from pectin with the use of ion exchangers. T. K. Gaponenkov, Z. I. Protsenko. Zhur. prikl. khim 34 no. 3:709-711 Mr '61.

GALANTHAMINE

Interesting book ("Pharmacological properties of nivalin" [in Bulgarian] by D S Paukov. Reviewed by M. D. Mashkovskii). Farm. i toks. 24 no. 1:125 Ja-F '61.

GALENA

Solubility of galenite and lead transport under conditions prevailing near the earth's surface. M. M. Konstantinov, R. P. Rafal'skii. Geokhimiia no. 3 280-291 '60.

GALL see Bile

GALL BLADDER—DISEASES

Acute cholecystitis in childhood. A. A. Sharipov. Med. zhur. Uzb. no. 4 37-38 Ap '61.

Case of erroneously diagnosed acute cholecystitis in tuberculous lesions of the lymph nodes of the abdominal cavity. B. V. Smirnov. Probl. tub. 38 no. 4, 101-102 '60.

GALL BLADDER—RADIOGRAPHY

"Oral cholecystography" by D. N. Maksumov. Reviewed by A. A. Adzhi-Mollaev. Med. zhur. Uzb. no. 11 78-79 N '60.

Radiographic observations on the gall bladder in gastric and duodenal ulcer. I. A. Agzamkhodzhaev. Med. zhur. Uzb. no. 11:24-27 N '60.

GALL BLADDER—TRANSPLANTATION

Comparison of the osteogenetic activity of transitional epithelium and epithelium of the gall bladder in grafts [with summary in English]. A IA Fridenshtein Arkh anat gist i embr 39 no 1 61-71 Ap '60

GALLIUM

Gallium in the country rock of fluorite-sulfide mineralization [with summary in English]. O. V. Vershkovskaia, V. S. Saltykova. Geokhimiia no. 5:440-445 '61.

GALLIUM ARSENIDE

Alloy junction GaAs diodes. IU. M. Burdukov and others. Fiz. tver. tela 3 no. 3:991-994 Mr '61.

GALLIUM COMPOUNDS

Structure of a compound of gallium chloride with methylene blue. K A Bol'shakov, IU. G Eremin, R. P Evstigneeva. Izv. AN SSSR Otd. khim. nauk no 5:745-749 My '61.

GALLS (BOTANY)

Structural properties of galls and calluses. E. I. Slepian. Dokl. AN SSSR 136 no. 1:241-244 Ja '61.

GALVANIZING see subdivision under Minsk

GALVANOMETER—TESTING

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 187-54 for checking galvanometers] Instruktsiia 187-54 po poverke gal'vanometrov. Izd. ofitsial'noe. Moskva, 1957. 18 p.

GAMES

Briedis, A. A. [Active games for grades 1 to 4; a manual for teachers of physical culture] Podvizhnye igry dlia I-IV klassov; posobie dlia uchitelei fizicheskogo vospitaniia. Leningrad, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR. Leningr. otd-nie, 1961. 174 p.

Educational role of games in kindergartens. E. Bahastauskaia. Nar. asv no. 2:39-43 F '61.

Flight to the moon. I. Aronova. Bibliotekar' no. 5:31-32 My '61.

GAMMA GLOBULIN

Combined use of streptomycin and human gamma-globulin in experimental whooping cough infection in mice [with summary in English]. A. Toshkov, G. Sheikova, K. Noeva. Antibiotiki 5 no. 2:87-89 Mr-Ap '60.

Investigation of pathological γ-globulin isolated from the blood serum in a case of multiple myeloma [with summary in English] IU. A. Khavkin, G. S. Levin Vop med. khim. 6 no. 2:192-197 Mr-Ap '60.

On the problem of the gamma globulin content of blood serum of donors (electrophoretic and turbidimetric determination [with summary in English, p. 63]. I. L. Raikher and others. Probl. gemat. i perel. krovi 6 no. 2:52-54 F '60.

GAMMA-RAY SPECTROMETRY

Studying the spectra of scattered gamma rays in connection with the solution of certain geophysical problems. L. S. Polak and others. Geol. i geofiz., no. 3 111-115 '61

GAMMA RAYS

Chemical stability to radiation of the resins KU-2 in various ionic forms. A. M. Semushin, I. A. Kuzin. Zhur. prikl. khim. 33 no. 10 2323-2329 O '60

Circular polarization of γ-quanta accompanying the capture of slow neutrons by a nucleus [with summary in English]. D. P. Grechukhin. Zhur. eksp. i teor. fiz. 38 no. 2 621-630 F '60.

Decomposition of nitrogen oxides under the effect of gamma rays [with summary in English]. M. T. Dmitriev, L. V. Saradzhev. Zhur. fiz. khim. 35 no. 4 727-735 Ap '61.

Determining soil density with gamma rays. M. G. Lazabnikov, V. I. Fernovskii, L. V. Selivanov. Avt. dor. 24 no. 3 24-25 Mr '61.

Effect of γ-rays on the structure of cellulose fibers [with summary in English]. Kh. U. Usmanov, E. I. Kulabanovskaia, R. B. Damovskii. Vysokom. soed. 3 no. 2 223-227 F '61.

Emission from a volume source in the presence of surface activity. E. E. Kovalev, D. P. Osanov. Atom. energ. 10 no. 5 515-517 My '61.

Energy spectrum of defects arising in Ge under the effect of gamma radiation. N. A. Vitovskii and others. Fiz. tver. tela 3 no. 3 998-1001 Mr '61

Formation of hydrazine by the action of agmma rays on liquid and solid ammonia. IU. A. Sorokin, S. IA. Pshezhetskii. Dokl. AN SSSR 136 no. 4 880-883 Je '61

Mean energy of the formation of pairs of nonequilibrium carriers in germanium irradiated by gamma rays from Co^{60}. M. V. Chukichev, V. S. Vavilov. Fiz. tver. tela 3 no. 3 935-942 Mr '61

Polymerization of ethylene nitrate by gamma rays. V. N. Sokolov and others. Dokl. AN SSSR 136 no. 3 619-620 My '61

Propagation in air of gamma rays emitted by a prompt point source. O. I. Leipunskii and others. Atom. energ. 10 no. 5 493-500 My '61.

Radiation oxidation of nitrogen. Part 6. Kinetics of nitrogen oxidation induced by γ-radiation, and the part played by ion recombination [with summary in English]. M. T. Dmitriev, S. IA. Pshezhetskii. Zhur. fiz. khim. 34 no. 4 880-887 Ap '60

Spectra of gamma rays produced in the capture of thermal neutrons by heavy nuclei. Part 1. [with summary in English]. L. V. Groshev, A. M. Demidov, V. I. Pelekhov. Zhur. eksp. i teor. fiz. 38 no. 2 588-597 F '60.

Spectra of gamma rays produced in the capture of thermal neutrons by heavy nuclei. Part 2 [with summary in English]. V. M. Strutinskii, L. V. Groshev, M. K. Aklimova. Zhur. eksp. i teor. fiz. 39 no. 2 598-611 F '60.

Temperature effect on the angular correlation of gamma-quanta arising in the annihilation of positrons and electrons in bismuth. I. IA. Dekhtiar, V. S. Mikhalenkov. Dokl. AN SSSR 136 no. 1 63-65 Ja '61.

Theory of the Mössbauer effect. I. P. Dziub, A. F. Lubchenko. Dokl. AN SSSR 136 no. 1 66-69 Ja '61

GAMMA RAYS—PHYSIOLOGICAL EFFECT

Cytochemical reactions of mitochondrial ribonucleoproteins and tigroid granules of nerve cells during the first minutes after gamma irradiation. A. L. Shabadash, T. I. Zolikina, N. D. Agrachova. Dokl. AN SSSR 136 no. 1 222-225 Ja '61.

Effect of irradiation on the magnesium content of the rat liver [with summary in English]. G. A. Kochetov. Biokhimiia 26 no. 2 319-322 Mr-Ap '61.

Effect of long-continued daily irradiation on nucleic acid metabolism in certain tissues of the rabbit [with summary in English]. R. E. Libinzon, V. V. Konstantinova. Biokhimiia 25 no. 6 1018-1025 N-D '60

Influence of the condition of plant cells on their radiosensitivity to γ-radiation. T. G. Mamedov. TSitologiia 2 no. 2 175-178 Mr-Ap '60.

GAMMA RAYS—THERAPEUTIC USE

Dynamics of the roentgenological picture of cancer of the lung under the influence of telegamma therapy. S. IA. Marmorshtein, T. N. Matveeva. Vop. onk. 7 no. 3 12-20 '61.

GANGLIOSIDES

Rate of cerebroside and ganglioside metabolism in the brain [with summary in English]. N. P. Taranova. Vest. LGU 16 no. 9 114-122 '61.

GANGRENE

Parabiotic nature of the nervous system in reaction in the development of intoxication in gas gangrene [with summary in English]. S. V. Magaeva. Biul. eksp. biol. i med. 49 no. 2 68-72 F '60.

GARAGES—SAFETY MEASURES see subdivision under Germany, East

GARLIC

How the time of planting affects the biological features of garlic [with summary in English]. A. A. Kazakova, S. I. Starokozhev. Trudy po prikl. bot., gen. i sel. 32 no. 3 146-148 '59.

Morphological and anatomical structure of garlic bulblets and cloves [with summary in English]. K. F. Potegovaia. Trudy po prikl. bot., gen. i sel. 32 no. 3 214-218 '59.

GAS, NATURAL
(see also subdivision under Fergana, Sahara, Shebelinka region, Ukraine, Western, Uzbekistan)

Additivity of the compressibility factor of hydrocarbon gases below critical temperatures. N. K. Kadyrov. Trudy AzNII DN no. 9 251-256 '60.

Determination of the ultimate recovery from water-free wells and ultimate pressure decline in gas wells with bottom waters. B. B. Lapuk, S. N. Kruzhkov. Azerb. neft. khoz. 40 no. 3 22-25 Mr '61

"Gas resources of the U.S.S.R." by IU. I. Bokserman and others. Reviewed by S. Kolhadnyi. Geol. nefti i gaza 4 no. 4 56-3 of cover Ap '60.

New success of gas line construction workers. Stroi. truboprov. 6 no. 2 3-4 F '61.

Operations of gas-regulator stations. A. M. Fleishmakher. Metallurg 6 no. 3 36 Mr '61.

Quantitative and qualitative accounting of gas at electric power plants. A. V. Ivanov, S. E. Shitsman. Elek. sta. 32 no. 5 19-23 My '61.

Studying the molecular transformations in natural gas provoked by a high-frequency electric discharge. S. V. Starodubtsev and others. Izv. AN Uz. SSR. Ser. fiz.-mat. nauk no. 2 3-11 '61.

Transfer of a plant to operations on natural gas. P. S. Loiko. Ogneupory 25 no. 5 213-214 '60.

Using the adjoint differential equation method for solving problems on gas flooding. M. T. Abasov, K. N. Dzhalilov, A. Sh. Kazymov. Trudy AzNII DN no. 9 281-285 '60.

GAS, NATURAL—GEOLOGY
(see also subdivision under Azerbaijan; Carpathian Mountain region; Carpathian Mountains; Caucasus, Northern; Crimea, Daghestan; Kalmyk A. S. S. R., Kopet-Dag, Kuznetsk Basin, Russian Platform; Stavropol Territory, Turkmenistan; Volga-Ural region)

Geology and gas-bearing prospects of the Gil'yai structure in southern Daghestan. V. I. Galin. Trudy GINI no. 21 178-190 '59.

Studying the distribution of gas in rocks as related to depth. P. L. Antonov. Trudy VNIGNI no. 10 241-256 '58.

GAS, NATURAL—PIPELINES
(see also subdivision under Ukraine; Uzbekistan)

Anticorrosive insulation of the inner surface of gas pipelines. IU. I. Bokserman, K. S. Zarembo, B. P. Shevelev. Gaz. prom. 6 no. 5 32-37 My '61

Fal'kovich, A. S. [New developments in gas pipeline welding] Novoe v svarke gazoprovodov. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 34 p. (V pomoshch' rabotnikam gazovoi promyshlennosti)

Operation of the Gazli-Ural gas pipeline. V. I. Shpakovskii, L. N. Vidgop, V. B. Savitskii. Gaz. prom. 6 no. 5 37-41 My '61.

GAS, NATURAL—STORAGE see subdivision under Apsheron Peninsula

GAS AND OIL ENGINES
External combustion engine. G. Smirnov. Tekh. mol. 29 no. 4 4 Ap '61.

Ideal thermodynamic cycle of an internal combustion engine supercharged by a compressor actuated by the engine. L. S. Andrushchenko. Vest. mash. 41 no. 5 29-31 My '61.

Simulation of the cycles of a internal combustion reciprocating engine. B. Kh. Draganov. Izv. vys. ucheb. zav.; energ. 4 no. 4 118-121 Ap '61.

"Thermal processes in internal-combustion engines" by V. P. Kalabin. Reviewed by Stepan Kotoc. Vest. mash. 41 no. 5 87-89 My '61.

GAS AND OIL ENGINES—DESIGN AND CONSTRUCTION

TSvetkov, V. T. [Internal combustion engines; design and construction] Dvigateli vnutrennego sgoraniia; konstruktsiia i raschet. Izd. 2. Khar'kov, Izd-vo Khar'kovskogo gos. univ. im. A. M. Gor'kogo, 1960. 656 p.

GAS AND OIL ENGINES—FUEL SYSTEMS

Atomization jets of centrifugal sprayers. S. M. Il'iashenko. Izv. vys. ucheb. zav.; av. tekh. 3 no. 2 98-98 '60.

GAS AND OIL ENGINES—FUEL SYSTEMS—STANDARDS

Unification and standardization of fuel equipment. V. N. Starostin. Standartizatsiia 25 no. 5 17-19 My '61.

GAS AS FUEL—CONGRESSES

Akademiia nauk SSSR. Institut goriuchikh iskopaemykh. [Fuel gases in the national economy; work of the All-Union Conference] Ispol'zovanie goriuchikh gazov v narodnom khoziaistve; trudy Vsesoiuznogo soveshchaniia. Moskva, 1961. 266 p.

GAS BURNERS
(see also subdivision under Baku)

Radiant infrared burners for the drying of pinatex. Gaz. prom. 6 no. 5 22 My '61.

Use of hearth burners in heating furnaces. M. A. Kaplan and others. Gaz. prom. 6 no. 5 18-20 My '61.

GAS DISTRIBUTION
(see also subdivision under Ukraine)

Let's increase the rate of construction of urban gas systems. G. M. Skoblov. Stroi. truboprov. 6 no. 2 20-21 F '61.

GAS FLOW

Cauchy problem for an equation with many spatial variables describing nonstationary seepage of gas. E. S. Sabinina. Dokl. AN SSSR 136 no. 5 1041-1043 F '61.

Characteristics of dynamic errors in measuring fluctuating temperatures of a pulsating gas flow. A. N. Gordov, B. I. Kovshev. Izm. tekh. no. 5 17-20 My '61.

Conditions on the surfaces of sharp discontinuity in multicomponent mixtures. G. A. Tirskii. Prikl. mat. i mekh. 25 no. 2 196-208 Mr-Ap '61

Flow of a viscous conducting gas in a transverse magnetic field in the presence of heat exchange. E. P. Zimin. Prikl. mat. i mekh. 25 no. 2 381-382 Mr-Ap '61

Method of studying the gas flow in an underground gas producer with the aid of radioactive isotopes. L. G. Petrenko, E. M. Bellanova. Trudy IGI 13 144-152 '60.

Remarks on IA. I. Sekerzh-Zen'kovich's work "Theory of the Borda mouthpiece for a gas." N. N. Makeev. Prikl. mat. i mekh. 25 no. 2 383-384 Mr-Ap '61

Shock waves in polytropic gas flows having rectilinear characteristics. A. F. Sidorov. Prikl. mat. i mekh. 25 no. 2 377-381 Mr-Ap '61

Some problems in the theory of conical flows. B. M. Bulakh. Prikl. mat. i mekh. 25 no. 2 229-241 Mr-Ap '61

Spatial magnetohydrodynamic flows. M. N. Kogan. Prikl. mat. i mekh. 25 no. 2 375-376 Mr-Ap '61

GAS GOVERNORS

Operations of gas-regulator stations. A. M. Fleishmakher. Metallurg 6 no. 3 36 Mr '61.

GAS INDUSTRY

Brief news of the gas industry abroad. Gaz. prom. 6 no. 5 55 My '61

In the Main Administration of the Gas Industry of the Soviet Union. Stroi. truboprov. 6 no. 2 30 F '61.

GAS INDUSTRY—BIBLIOGRAPHY see Bibliography—Gas industry

GAS MASKS

Damage can be avoided. S. Grigor'ev. Pozh. delo 7 no. 3 26 Mr '61

Repair of KIP-5 reductors. V. Mamikeev. Pozh. delo 7 no. 3 25-26 Mr '61.

GAS METERS—TESTING

Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 22-56 for checking gas meters and equipment for testing them] Instruktsiia 22-56 po poverke gazoschetchikov i ispytatel'nykh ustanovok dlia nikh. Izd-ofitsial'noe. Moskva, 1956. 43 p.

GAS PIPES
(see also subdivision under Krasnodar Territory)

Inspection tubes are both necessary and useful. M. A. Nechaev. Stroi. truboprov. 6 no. 2 22-24 F '61.

GAS PIPES—COLD WEATHER CONDITIONS

Economic efficiency of forming comprehensive units. G. V. Sakharov. Stroi. truboprov. 6 no. 2 23-24 F '61.

GAS PRODUCERS

Method of studying the gas flow in an underground gas producer with the aid of radioactive isotopes. L. G. Petrenko, E. M. Bellanova. Trudy IGI 13 144-152 '60.

GAS RESEARCH

Advanced techniques and equipment in the operations of the State Institute for Design and Planning of Synthetic Liquid Fuel and Gas Plants in the East. M. N. Shchukarev. Stroi. truboprov. 6 no. 2 5-6 F '61.

GAS TURBINES

Problem concerning the design of a turbine stage with long vanes. A. M. Topunov. Izv. vys. ucheb. zav.; energ. 4 no. 4 58-65 Ap '61.

GAS TURBINES—BLADES

Calculating temperature stresses in the cooled blade of a gas turbine [with summary in English]. V. I. Rozenblium. Inzh.-fiz. zhur. 4 no. 4 32-37 Ap '61.

GAS WELDING AND CUTTING

Profsoluz rabochikh mashinostroeniia. TSentral'nyi komitet. [Rules for accident prevention and industrial hygiene in the production of acetylene, oxygen, and in the flame machining of metals] Pravila tekhniki bezopasnosti i proizvodstvennoi sanitarii pri proizvodstve atsetilena, kisloroda i gazoplamennoi obrabotke metallov. Soglasovany s Glavnoi Gosudarstvennoi sanitarnoi inspektsiei SSSR 27 sentiabria 1958 g. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959. 100 p.

Using propane-butane mixture in gas cutting. L. L. Evseev. Mashinostroitel' no. 5:16 My '60.

Vertical gas-cutting machine. M. I. Zakhratin, I. I. Murav'ev. Knim. mash. no. 3:11-12 My-Je '61.

GAS WELDING AND CUTTING—EQUIPMENT AND SUPPLIES

Equipment needed for the welding and cutting of metals with methane and a propane-butane mixture in replacement of acetylene. A. E. Asnis. Avtom. svar. 14 no. 5:93 My '61.

Reconditioning gas cutter shells. L. N. Gorodetskii. Metallurg 6 no. 3:32 Mr '61.

GAS WELDING AND CUTTING—TECHNOLOGICAL INNOVATIONS

Innovations in the equipment for gas welding and cutting. I. A. Antonov. Biul. tekh.-ekon. inform. no. 4:18-23 '61.

GAS WELLS

Automation of gas recovery processes, and gas gathering systems at gas fields. P. T. Vodianik. Gaz. prom. 6 no. 5:11-13 My '61.

Brief news. Gaz. prom. 6 no. 5:55 My '61.

Determination of bottom hole pressures based on pressures at gas well heads. A. B. Iakubovskii. Trudy VNII DN no. 9:259-262 '60.

Lubricators for lowering instruments into gas wells. L. L. Kaufman. Gaz. prom. 6 no. 5:9-10 My '61.

Problems involved in the calculation of coning in oil and gas fields. A. N. Tolkov. Gaz. prom. 6 no. 5:1-4 My '61.

GASES

Chromatographic methods and apparatus for analyzing complex mixtures of gases and volatile substances. N. M. Turkel'taub, A. A. Zhukhovitskii. Trudy VNIGNI no. 10:257-265 '58.

Heat transfer accompanied by the condensation of vapor from a vapor-gas mixture. I. A. Komarov. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 2:303-309 '61.

Stability of detonation waves in gas mixtures. R. M. Zaidel'. Dokl. AN SSSR 136 no. 5:1142-1145 F '61.

GASES—ADSORPTION

Adsorption of nitrogen, argon, and krypton on different surfaces and determination of the surface areas involved. M. G. Kaganer. Dokl. AN SSSR 138 no. 2:405-408 My '61.

GASES—ANALYSIS

Apparatus for the semimicroanalysis of gases. N. V. Trubitsyn. Masl.-zhir. prom. 27 no. 5:39-40 My '61.

Blast furnace process with the use of automatic control data on the composition of peripheral gases. Z. I. Nekrasov, L. M. Obodan. Trudy Inst. chern. met. AN URSR 12:37-67 '60.

GASES—PURIFICATION

Design solutions for gas purification installations in ferrous metallurgy plants. P. S. Khomutinnikov, Iu. M. Dronevich. Stal' 20 no. 7:660-664 Jl '60.

GASES IN SOILS

How the composition of forest vegetation affects the intensiveness of carbonic acid formation and its distribution in the soil air of leached Chernozems. V. N. Mina. Trudy Lab. lesoved. 13:137-144 '60.

GASIFICATION OF COAL, UNDERGROUND see Coal gasification, Underground

GASOLINE

Determination of small concentrations of lead and tetraethyl lead in the air and in other media during hygienic investigations (in connection with the leading of gasoline). V. A. Khrustaleva. Gig. i san. 25 no. 3:57-60 Mr '60.

Effect of gasoline quality on scale formation. A. Gurcev, S. Livshits. Avt. transp. 39 no. 5:26-27 My '61.

GASOLINE SERVICE STATIONS see Service stations

GASTEROMYCETES

"Morphological characters of Gasteromycetes from the standpoint of their adaptive significance" by P. E. Sosin. Reviewed by P. N. Golovin. Bot. zhur. 45 no. 4:613 Ap '60.

GASTRIC JUICE

Activity of the gastric glands in certain disorders of the higher nervous activity [with summary in English]. V. M. Frolov. Fiziol. i eksp. terap. 4 no. 2:63-64 Mr-Ap '60.

Effect of pituitrin on the activity of the gastric glands [with summary in English]. A. S. Ampol'skii. Biul. eksp. biol. i med. 49 no. 2:32-36 F '60.

Effect of stimulation of the mechanoreceptors of the stomach on the hematopoietic property of gastric juice. A. I. Karaev, A. K. Musaeva. Fiziol. zhur. 47 no. 5:617-623 My '61.

Secretory function of gastric glands in patients with thyrotoxicosis treated with 6-methylthiouracil. N. I. Shtel'makh. Probl. endok. i gorm. 7 no. 2:80-84 Mr-Ap '61.

Zoolytic and phytolytic activity of gastric juice under conditions of external temperature and solar radiation. M. E. Isliamova. Med. zhur. Uzb. no. 4:27-31 Ap '61.

GAUGES—TESTING

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 75-50 for checking gauge blocks of the first and second categories by means of the absolute interference method] Instruktsiia 75—50 dlia poverki ploskoparallel'nykh kontsevykh mer dliny 1-go i 2-go razriadov absolutnym interferentsionnym metodom. Izd. ofitsial'noe. Moskva, 1957. 48 p.

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 93-58 for checking track control gauges] Instruktsiia 93-58 po poverke kontrol'nykh putevykh shablonov. Izd. ofitsial'noe. Moskva, 1958. 7 p.

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 96-54 for checking gauge blocks of the second category for measurements up to 100 mm.] Instruktsiia 96-54 po poverke ploskoparallel'nykh kontsevykh mer dliny 2-go razriada do 100 mm. Izd. ofitsial'noe. Moskva, 1957. 27 p.

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 101-55 for checking the gauge-block outfits] Instruktsiia 101-55 po poverke prinadlezhnostei k kontsevym ploskoparallel'nym meram dliny. Izd. ofitsial'noe. Moskva, 1957. 14 p.

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 123-57 for checking dial gauges with a graduation value of 0.01 mm.] Instruktsiia 123-57 po poverke indikatornykh skob s tsenoi deleniia 0,01 mm. Izd. ofitsial'noe. Moskva, 1958. 7 p.

, S. R.) Komitet standartov, mer i
orov. [Instructions 124-57 for check-
uges] Instruktsiia 124-57 po po-
ublinomerov. Izd. ofitsial'noe.

) Komitet standartov, mer i
. [Instructions 139-54 for
Instruktsiia 139-54 po poverke
d. ofitsial'noe. Moskva, 1958.

) Komitet standartov, mer i
. [Instructions 140-54 for
] Instruktsiia 140-54 po
merov. Izd. ofitsial'noe.

) Komitet standartov, mer i
. [Instruction 263-55 for
g devices] Instruktsiia 263-55
Izd. ofitsial'noe. Moskva,

l'ye" by Dmitrii Gavrilov.
skii). Moskva 4 no. 3:199-199

PROVINCE)—COPPER MINES

erepelov. NTO 3 no. 5:26-29

GAZLI—HEALTH RESORTS, WATERING PLACES, ETC.

Here there will be a sanatorium. I. Rudenko. Oktiabr'ston 19 no. 1:5 Ap '60.

GEAR CUTTING

Geometrical substantiation of the method of approximate copying of bevel gear wheels. R. N. Boldyrev. Izv. vys. ucheb. zav., mashinostr. no. 3:74-82 '61.

Unit for measuring the surface roughness of pinion teeth. A. P. Nikonorov, I. N. Orlova, I. V. Tarev. Izm. tekh. no. 5:11 My '60.

GEAR SHAPING MACHINES

The difficulties in the manufacture of spiral bevel gears have been overcome rolling substitutes for cutting. F. Kolesnikov, E. Bloshtein. Tekh. mol. 29 no. 5:3-4 '61.

GEARING

Commutating closed differential variable-speed drive. A. A. Nikitin. Izv. vys. ucheb. zav., mashinostr. no. 3:11-25 '61.

Distribution of forces in bilateral gearing on multi-bucket dredges. V. Khakhanin. Rech. transp. 20 no. 3:38 Mr '61.

Effect of imperfections in gears on the performance of a differential. V. A. Romanov. Stan. i instr. 31 no. 5:23-24 My '60.

Effect of lubrication on the fatigue strength of gears. V. I. Rudnitskii. Vest. mash. 41 no. 5:40 My '61.

Main winch of a multimotor excavator with planet gearing. A. G. Grishanov. Izv. vys. ucheb. zav., gor. zhur. no. 2:123-125 '60.

New speed variator with rigid gear ratio. I. A. Cherednichenko. Izv. vys. ucheb. zav., tekh. leg. prom. no. 2:131-136 '61.

Power diagram of differential mechanisms, taking into account the centrifugal force of inertia and the gyroscopic effect of blocks of pinions. I. M. Shmurlian, N. T. Rudenko. Nauch. trab. stud. GNSO MGI no. 7:194-200 '59.

Using templets in graphoanalytic design of high-module gear wheels with large radii. A. N. Kaluzhnikov. Izv. vys. ucheb. zav., mashinostr. no. 1:45-62 '60.

GEARING—STANDARDS

Introducing standards for tolerances in gears. B. A. Talits. Standartizatsiia 25 no. 5:3-7 My '61.

GEARING, BEVEL

Loading capacity of bevel gears. V. D. Lipovtsev. Stan. i instr. 31 no. 5:21-23 My '60.

GEARING, SPIRAL

Operating a herringbone reducing gear. K. I. Zablonskii, M. S. Beltsev, S. I. Filipovich. Vest. mash. 41 no. 5:33-37 My '61.

GEIGER-MULLER COUNTERS

School laboratory counter for ionizing particles. V. A. Burov, A. A. Pokrovskii. Fiz. v shkole 20 no. 2:74-75 Mr-Ap '60.

GELATIN

Static surface tension of gelatin solutions [with summary in English]. V. A. Pchelin, R. A. Kul'man. Vysokom. soed. 3 no. 5:768-771 My '61.

Surface tension of solutions of gelatins treated with natural sorbents. P. N. Zaleznink. Zhur. prikl. khim. 34 no. 3:696-699 Mr '61.

GELATINASE

Gelatinase activity of Proteus vulgaris. Kh. M. Rubarev, T. S. Zastavna. Mikrobiol. zhur. 23 no. 1:39-45 '61.

GELLER, SOLOMON ABRAMOVICH, 1900-

Professor Solomon Abramovich Geller. K. B. Boltaev. Med. zhur. Uzb. no. 3:83-84 Mr '61.

GENERATIVE ORGANS

Changes in the gonads of the Siberian white salmon during the prespawning period. I. M. Anisimova, M. A. Litichevskii. Vop. ikht. no. 17:39-46 '61.

Observation of gonad morphology in human embryogenesis. Report No. 1 [with summary in English]. S. E. Levina. Zhur. ob. biol. 22 no. 3:192-200 My-Je '61.

Structure of the genital apparatus in some synanthropic flies [with summary in English]. Z. D. Sergeeva, V. G. Lavkovich. Zool. zhur. 40 no. 5:719-724 '61.

GENERATIVE ORGANS—DISEASES

Effect of lead on male and female sexual function. G. I. Tarabaeva. Trudy Inst. kraev. pat. AN Kazakh. SSR 8:101-117 '60.

GENERATIVE ORGANS, FEMALE—DISEASES

All-Russian Conference on Problems of Health Resort Therapy for Diseases of the Female Generative Organs. M. Z. Khaikin. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 1:87-90 '61.

Indications for treating women with somatic diseases at the Archman Health Resort. V. L. Ufarkin. Zdrav. Turk. 5 no. 2:17-18 Mr-Ap '61.

GENERATIVE ORGANS, MALE

Changes in the seminal excretory ducts of the rabbit caused by spermatol and their involution [with summary in English]. A.G. Bobkov. Biul. eksp. biol. i med. 50 no. 10 122-126 O '60

GENERATORS, ELECTRIC see Electric generators

GENETICS—DICTIONARIES

"Genetic and cytogenetic dictionary" by R. Rieger, A. Michaelis [in German] Reviewed by D. V. Lebedev TSitologiia 2 no. 2 252-253 Mr-Ap '60

GENICHESK DISTRICT—FORESTS AND FORESTRY—EXPERIMENTAL AREAS

Partizany Silvicultural Land Improvement Station. Biul. nauch.-tekh. inform. UkrNIILKhA no. 5. 125-131 '58.

GENITOURINARY ORGANS

Histogenic activity of substances secreted by transitional epithelium [with summary in English] A. IA. Lindenshtein Biul. eksp. biol. i med. 50 no. 7 82-85 Jl '60.

GENKINA, ESFIR' BORISOVNA, 1901-

E. B. Genkina's 60th birthday Ist. SSSR 5 no. 3 238 My-Je '61

GENTIAN VIOLET

Treatment of pharyngomycoses with a 10% alcohol solution of gentian violet combined with cauterization. V. L. Alekseva. Zhur. ush., nos. i gorl. bol. 20 no. 1 77-78 Ja-F '60

GENTIANS see subdivision under Leninogorsk

GEOCHEMICAL PROSPECTING

Comparing the composition of petroleums with the geochemical characteristics of enclosing sediments. R. M. Listengarten, N. I. Khatskevich. Trudy AzNII DN no. 9 30-36 '60.

Copper and molybdenum distribution in soils, waters, and plants of the Kadzharan ore region, Armenian S.S.R. D. P. Malyuga. Trudy Biogeokhim. lab. no. 11: 197-207 '60.

Hydrochemical ore prospecting method. S. P. Alkull. Razved. i okh. nedr 27 no. 1 17-22 Ap '61

Present status of oil and gas geochemical prospecting methods P. L. Antonov and others Trudy VNIGNI no. 10 227-240 '58

Studying the distribution of gas in rocks as related to depth P. L. Antonov Trudy VNIGNI no. 10 241-256 '58

GEOCHEMISTRY

Biogeochemical provinces of the U.S.S.R. and methods of studying them. V. V. Koval'skii. Trudy Biogeokhim. lab. no. 11:8-32 '60.

Characteristics of the distribution of elements in modern sediments of the Black Sea M. A. Glagoleva Dokl. AN SSSR 136 no. 1 195-198 Ja '61

Evolution of factors in the migration of elements in geological history. A. A. Saukov. Izv. AN SSSR, Ser. geol. 25 no. 5 3-16 My '61

Genesis of biogeochemical provinces. A. P. Vinogradov. Trudy Biogeokhim. lab. no. 11:3-7 '60.

Geochemistry of beryllium [with summary in English]. I. G. Ganeev. Geokhimiia no. 5 440-452 '61.

Geochemistry of shale-bearing deposits in the Baltic Basin E. S. Tikhomirova Dokl. AN SSSR 136 no. 5: 1209-1212 F '61.

"Geotechnology." V. A. Bolarskii, I. P. Kirichenko. Nauka i zhizn' 28 no. 1 60-64 Ap '61

Interrelations between the factors determining the conversion of organic matter during the formation of petroleum and the energy balance of this process M. A. Messineva Trudy VNIGNI no. 10 219-226 '58.

"Peculiarities of the geochemistry of scandium and the types of its deposits" by V. V. Shcherbina. Reviewed by V. I. Lebedev. Geokhimiia no. 4:385 '61.

Use of mineral fuel and related changes in the natural environment. IU. I. Voroshilov, P. A. Nedolko. Okhr. prir. i zapov. dela v SSSR no. 6:5-14 '60.

GEOCHEMISTRY—CONGRESSES

Geochemical conference called by the Academy of Sciences of the Hungarian People's Republic Sov. geol. 4 no. 3: 120 Mr '61.

GEOCHEMISTRY—RESEARCH

Symposium on experimental studies in the field of abyssal processes. O. V. Bryzgalin. Geokhimiia no. 4:364 '61.

GEODESY

Current problems in the field of spheroidal geodesy. G. V. Bagratuni. Izv. vys. ucheb. zav.; geod. i aerof. no. 6:3-6 '60.

GEODESY—ABSTRACTS

[Astronomy and geodesy.] Ref. zhur.: Astron. i geod. no. 5 My '61.

GEOGRAPHICAL NAMES see Names, Geographical

GEOGRAPHICAL RESEARCH

(see also subdivision under Kazakhstan)

Problems in theory in conducting geographical research M. Zh. Zhandaev. Vest. AN Kazakh. SSR 17 no. 4 23-29 Ap '61.

GEOGRAPHY

(see also subdivision under Greece, Kirghizistan, Siberia; Soviet Far East)

General conference of the Geology and Geography Department of the Academy of Sciences of the U.S.S.R. K.O. Lange Izv. AN SSSR Ser. geog. no. 1 147-148 My-Je '61.

Geographical news. Geog. v shkole 24 no. 3. 69-70 My-Je '61.

Operations of the Academic Council of the Institute of Geography of the Academy of Sciences of the U.S.S.R. at the end of 1960 and beginning of 1961. A. V. Ermakov Izv. AN SSSR Ser. geog. no. 1 149-150 My-Je '61.

Russian geographical reference works of the 17th century A. A. Zimin Zap. Otd. rukop. no. 21 220-231 '59

Theoretical problems in economic and regional geography S. I. Pomazanov. Izv. AN SSSR Ser. geog. no. 3 96-105 My-Je '61.

GEOGRAPHY—BIBLIOGRAPHY see Bibliography—Geography

GEOGRAPHY—DICTIONARIES

"Concise geographical encyclopedia," vol. 1 Aare-Dial'tovo. Reviewed by E. M. Murzaev. Izv. AN SSSR. Ser. geog. no. 3 126-129 My-Je '61.

GEOGRAPHY—STUDY AND TEACHING

(see also subdivision under Chita Province, Stalinabad)

Brief news. V. Erdeli. Geog. v shkole 24 no. 3 80-83 My-Je '61.

From the recollections of the First Congress of Geography Teachers in 1915 R. N. Vishnevskii Vest. Mosk. un. Ser. 5 Geog. 16 no. 3 77-78 My-Je '61

Methodological conference on teaching practice I. F. Antonova Vest. Mosk. un. Ser. 5 Geog. 16 no. 3 58-59 My-Je '61

Practical work and exercises in the reading of outline maps V. Zhuchkevich Nar. obr. no. 2 63-64 F '61

Some problems in relating geography teaching to life. N. M. IAkovlev. Geog. v shkole 24 no. 3 45-50 My-Je '61.

Study of local lore as an effective means of contact between school and life. L. Il'ina and others. Nar. obr. no. 5 insert 1-16 My '61.

GEOGRAPHY, ECONOMIC

(see also subdivision 'Economic geography' under Czechoslovakia; Isfara District, Kashka-Darya Province, Sinkiang Uigur Autonomous region, Soviet Far East; Surkhob Valley)

"Economic geography of foreign countries," Reviewed by V. A. Anuchin. Geog. v shkole 24 no. 3 90-92 My-Je '61.

Evaluating the specialization level of regions Sh. Rozenfel'd Vop. ekon. no. 5 120-125 My '61.

New textbook on the economic geography of the U.S.S.R. for higher schools of economics ("Distribution of branches of the national economy of the U.S.S.R.") Reviewed by L. I. Itin. Izv. AN SSSR, Ser. geog. no. 3 133-136 My-Je '61.

GEOGRAPHY, ECONOMIC—MAPS

Map content of the world economic atlas. F. L. Gurari. Izv. AN SSSR, Ser. geog. no. 3 106-113 My-Je '61

GEOGRAPHY, ECONOMIC—STUDY AND TEACHING see also subdivision 'Economic geography—Study and teaching' under Kazan; Orenburg Province

GEOGRAPHY, HISTORICAL

"Historical geography of the Russian Platform, geography of the Argonauts' voyage" and "Ptolemy's map" in the light of the historical geography of the Caspian Sea Region" by S. A. Kovalevskii. Reviewed by I. A. Il'initskii Vest. drev. ist. no. 1:155-156 '61

GEOGRAPHY, HISTORICAL—MAPS

"Atlas of the history of geographical discoveries and explorations" Reviewed by IU. V. Aristov. Prep. ist. v shkole 16 no. 3 109-110 My-Je '61

GEOLOGICAL MODELING

Research with models on the distribution of stresses in a block of untouched ore containing weak interbeds under approximately the same conditions as at the Yakovlevo deposit (Kursk Magnetic Anomaly). V. F. Trumbachev, E. M. Mel'nikov. Trudy Inst. gor. dela 5:50-56 '60.

GEOLOGICAL RESEARCH

Editorial. Geokhimiia no. 3:101-102 '60.

GEOLOGICAL SOCIETIES see subdivision under Poland

GEOLOGICAL SURVEYS

(see also subdivision under Baley; Caucasus)

Geomorphological surveying and surveying of Quaternary sediments in the combined all-Union geological mapping operations. S. S. Shul'ts, S. V. Epshtein. Mat. VSEGEI Chet. geol. geomorf. no. 2:72-76 '59.

GEOLOGICAL TIME

Absolute age of the Monastyrt type granites of Kalba. L. IA. Astrashenok and others. Geokhimiia no. 3:278-279 '60.

Age of alkalic intrusions of the Khibiny and Lovozero Tundras (Kola Peninsula) L. V. Komlev, A. P. Mikhalevskaia, S. I. Danilevich Dokl. AN SSSR 136 no. 1 172-174 Ja '61

Method of determining the age of sediments from the data from a palynological analysis. L. M. Pokrovskaia. Biul. VSEGEI no. 1 174-179 '58.

Paleomagnetic methods of investigating the age relationships of rocks [with summary in English]. V. V. Kocheguro. Sov. geol. 4 no. 4 47-59 Ap '61.

Thermoluminescence and age of rocks. G. T. Komovskii. Priroda 50 no. 5:90-93 My '61.

GEOLOGY

(see also subdivision under Altai Mountains; Amu Darya Valley; Antarctic region, Baltic Sea region, Bashkiria; Carpathian Mountains; Caucasus, Chelyabinsk Province, Daghestan, Emba Valley, Irtysh Valley, Ishim Valley, Kondoma Valley, Kuznetsk Basin; Lvov-Volyn' Basin, Mongolia, Sayan Mountains, Stanovoy Range; Ukraine, Western, Ulakhan-Tas Range, Ural Mountains, West Siberian Plain, White Russia)

General conference of the Geology and Geography Department of the Academy of Sciences of the U.S.S.R. K.O. Lange. Izv. AN SSSR Ser. geog. no. 1 147-148 My-Je '61.

Geological works of the Ural Branch of the Academy of Sciences of the U.S.S.R. during the 25 years of its activity A. A. Pronin Trudy Gor.-geol. inst. UFAN SSSR no. 42 5-13 '59

Geology abroad. IA. M. Svet. Priroda 50 no. 5:120-121 My '61.

International conference on the Mesozoic. O. K. Kaptarenko-Chernousova. Geol. zhur. 20 no. 2 123-124 '60.

Problems facing geologists in connection with the resolutions of the January Plenum of the Central Committee of the CPSU. Razved. i okh. nedr 27 no. 3:1-3 Mr '61.

Second A. E. Fersman lecture. Izv. AN SSSR. Ser. geol. 26 no. 5 125 My '61.

GEOLOGY—ABSTRACTS

[Geology.] Ref. zhur.: Geol. no. 5 My '61.

GEOLOGY—BIBLIOGRAPHY see Bibliography—Geology

GEOLOGY—CONGRESSES

Fifth International Congress on the Geology of the Quaternary Period held in Spain I. S. Rochkov Izv. Sib. otd. AN SSSR Geol. i geofiz. no. 1 110-112 '58

General meeting of the Department of Geological and Geographical Sciences of the Academy of Sciences of the U.S.S.R., held on February 1 and 2, 1961 Izv. AN SSSR, Ser. geol. 26 no. 5 125-127 My '61

Lomonosov lectures at Moscow University I. V. Vvedenskii. Vest. mosk. un. Ser. 5 Geog. 16 no. 2 121-125 D '60

Problems of the geology of ore deposits at the 21st session of the International Geological Congress V. I. Smirnov Izv. AN SSSR. Ser. geol. 26 no. 4 110-113 Ap '61

Scientific conference of young scientists of the Academy of Sciences of the Uzbek S.S.R. (subsection on the geology of metallic and nonmetallic minerals) N. P. Petrov, IU. Mikhailova Uzb. geol. zhur. no. 2 81-85 '61

GEOLOGY—MAPS

(see also subdivision under Europe)

Basic problems of methodology in making geological maps of closed areas with a 1:200,000 scale. N. K. Ovechkin. Biul. VSEGEI no. 1:102-174 '58.

GEOLOGY, ECONOMIC

(see also subdivision under China; Kara-Mazar Mountain, Poland, Soviet Far East; Transbaikalia, Ural Mountains)

Method for comparative economic evaluation of mineral resources. I. I. Molchanov. Razved. i okh. nedr 27 no. 3 7-11 Mr '61.

Welcoming the 22d Congress of the CPSU. Razved. i okh. nedr 27 no. 2 1-4 F '61.

GEOLOGY, STRATIGRAPHIC

(see also subdivision under Amu Darya Valley; Amur Province; Azerbaijan; Baikal Lake region, Bashkiria; Bessarabia; Bilimbay region; Bol'sheromol'skaya Tundra, Buryat-Mongolia; Caspian Sea region, Caucasus; Caucasus, Northern; Chokh region; Crimea; Dnieper Valley; Dnieper-Donets Lowland; Donets Basin; Fergana; Georgia; Groznyy Province, Khabarovsk Territory; Khalkha Valley; Khamir Valley; Kuban, Kuznetsk Ala-Tau; Kuznetsk Basin; Lechkhumi Depression; Lithuania, Malka Valley, Maritime Territory; Mediterranean region; North America; Northern Sosva Valley; Oldynda Valley; Ossetia; Pacific Area; Pamirs; Penzhinskiy District, Podolia; Pripet Valley; Russia, Southern; Russian Platform; Sayan Mountains; Siberia; Siberia, Western; Siberian Platform; Sikhote-Alin' Range; Soviet Far East, Terek Valley, Tien Shan; Turkmenistan; Ukraine, Ural Mountain region; Ural Mountains; Verkhoyansk Range, West Siberian Plain; White Russia; Yana Valley, Yakutia)

Boundary between the divisions of the Permian in the main sections of southern Europe and southern Asia [with summary in English]. B. K. Likharev. Sov. geol. 4 no. 3:56-68 Mr '61.

GEOLOGY, STRATIGRAPHIC (Continued)

Couvinian stage and some remarks about the Lower Devonian in general [with summary in English]. N. I. Bublichenko. Biul. MOIP Otd. geol. 36 no. 1 76-88 Ja-F '61.

Principles of stratigraphic division of the Quaternary system and plan of its general scale. V. A. Zubakov, I. I. Krasnov. Mat. VSEGEI Chet. geol. i geomorf. no. 2:26-71 '59.

Recent data on the stratigraphy of metamorphic schists in the middle course of the Malka River. I. S. Frasivskaia. Dokl. AN SSSR 138 no. 4:906-909 Je '61.

Second All-Union Conference of the Stratigraphic Commission on the Paleogene System. B. I. Zernetskyi. Geol. zhur. 20 no. 1:105-106 '60.

Stratigraphic position of the Rhaetian stage [with summary in English]. V. I. Slavin. Sov. geol. 4 no. 3:69-78 Mr '61.

Vsesoiuznoe mezhduvedomstvennoe soveshchanie po izucheniiu chetvertichnogo perioda, Moscow, 1957. [Materials from the All-Union Interdepartmental Conference on the Study of the Quaternary Period] Materialy.... Moskva, Izd-vo Akad. nauk SSSR,

Vol. 1. [General questions in the study of the Quaternary period. History of Quaternary flora, fauna, and fossil man] Obshchie voprosy izucheniia chetvertichnogo perioda. Istoriia chetvertichnoi flory, fauna i iskopaemogo cheloveka. 1961. 495 p.

Vol. 2. [Quaternary sediments in the European part of the U. S. S. R.] Chetvertichnye otlozheniia Evropeiskoi chasti SSSR. 1961. 502 p.

GEOLOGY, STRATIGRAPHIC—CONGRESSES

Ninth session of the Commission for Determining the Absolute Age of Geological Formations attached to the Department of Geological and Geographical Sciences of the Academy of Sciences of the U. S. S. R. T. B. Pekarskaia. Izv. AN SSSR, Ser. geol. 26 no. 1 117-120 Ap '61.

GEOLOGY, STRUCTURAL

(see also subdivision under Aldan Plateau, Altai Mountains, Antarctic regions; Asia, Central, Azerbaijan, Baikal Lake region, Bashkiria; Bug Valley, Carpathian Mountain region, Caucasus, Caucasus, Northern; Chernye Gory; China, Crimean Mountains; Daghestan; Elbrus, Mount, Far East, France; Georgia; Gubden region, Khnach Massif; Kara-Tau; Kodor Valley; Krasnogorskaya region, Krivoy Rog Basin; Kuban-Azov Lowland; Kunashir Island; Lvov-Lyublin region; Mangyshlak Peninsula; Mayma Valley; Moldavia, Pechora Basin, Russian Platform, Sayan Mountains, Siberia, Western, Siberian Platform, Soviet Far East, Turkmenistan, Ukraine; Ural Mountain region, Ural Mountains, Ustyurt Plateau, Uzbekistan; Vilyuy Valley, Yakutia; Yenisey Valley)

Colloquium on tectonics held in the Institute of Geology and Geophysics of the Siberian Branch of the Academy of Sciences of the U. S. S. R. Geol. i geof. no. 1:121-122 '61.

Geological movements and their origin. V. H. Bondarchuk. Geol. zhur. 20 no. 1:3-16 '60.

Relation between endogenetic mineralization and magmatism in the process of geosyncline development [with summary in English]. V. K. Chaikovskii. Sov. geol. 4 no. 3:31-43 Mr '61.

Study of the nature of recent tectonic movements in areas of large hydraulic structures. N. I. Nikolaev. Trudy MGRI 38 42-54 '60.

Types of basic crustal structural features in the late Pre-Cambrian [with summary in English]. IU. A. Kosygin. Geol. i geof. no. 1 16-25 '61.

Using radioactivity methods for tracing tectonic zones. A. IA. Doronin. Razved. i okh. nedr 27 no. 3:44-45 Mr '61.

GEOLOGY, STRUCTURAL—CONGRESSES

First enlarged plenary session of the Interdepartmental Geomorphological Committee of the Department of Geological and Geographical Sciences of the Academy of Sciences of the U. S. S. R. G. S. Ganeshin, IU. F. Chemekov. Sov. geol. 4 no. 3:126-126 Mr '61.

GEOLOGY, STRUCTURAL—MAPS

(see also subdivision under Carpathian Mountains, Crimea)

Method of paleotectonic analysis. O. A. Ryzhkov. Uzb. geol. zhur. no. 2 76-70 '61.

GEOMETRY—STUDY AND TEACHING

Developing the technical inventiveness of students in teaching geometry. M. I. Trubetskoi. Mat. v shkole no. 3:33-44 My-Je '61.

GEOMETRY—TEXTBOOKS

Geometry textbook for the eight-year school. N. N. Nikitin. Mat. v shkole no. 3:15-22 My-Je '61.

GEOMETRY, ANALYTIC

Construction of a bounded total surface of non-positive curvature. E. R. Rozendorn. Usp. mat. nauk 16 no. 2 149-156 Mr-Ap '61.

GEOMETRY, DIFFERENTIAL

A characteristic net and some of its properties. S. G. Gasparian. Dokl. AN Arm. SSR 32 no. 3 129-136 '61.

GEOMETRY, NON-EUCLIDIAN

Nuat, IU. IU. [Lobachevski's geometry treated analytically] Geometriia Lobachevskogo v analiticheskom izlozhenii. Moskva, Izd-vo Akad. nauk SSSR, 1961. 309 p.

GEOMETRY, PROJECTIVE

Geometric investigation of anaglyphic projections. S. S. Airapetian. Sbor. nauch. trud. ERPI no. 20:161-167 '59.

GEOMETRY, SOLID—STUDY AND TEACHING

Observations on the methodology of teaching certain facts of solid geometry in the eight-year school. K. S. Bogushevskii. Mat. v shkole no. 3:23-32 My-Je '61.

GEOPHYSICAL OBSERVATORIES see subdivision under Poltava

GEOPHYSICS

Effect of external drift currents on the magnetohydrodynamic self-excitation of the earth's magnetic field. B. A. Tverskoi. Dokl. AN SSSR 138 no. 2 348-350 My '61.

Winter transfer of heat from the ocean and effective radiation when the continent's surface structure is complex. V. V. Shuleikin. Dokl. AN SSSR 138 no. 2:351-354 My '61.

GEOPHYSICS—CONGRESSES

Twelfth general assembly of the International Geodetic and Geophysical Union. V. V. Belousov. Sov. geol. 4 no. 3 115-119 Mr '61.

GEORGIA—AGATES

Structural characteristics of the agate-bearing andesite cover of Akhaltsikhe District, Georgia. B. N. Sharonov. Trudy VNIIP [MS] 3 no. 2 47-50 '60.

GEORGIA—AGRICULTURE

Tornike Eristavi's receipt book of 1822 [in Georgian with summary in Russian]. D. Gvritishvili. Trudy Tbil. Gu 77:57-76 '59.

GEORGIA—AIRPORTS

At the airports of the Republic. Grazhd. av. 18 no. 5: 19 My '61.

GEORGIA—ANDESITES

Structural characteristics of the agate-bearing andesite cover of Akhaltsikhe District, Georgia. B. N. Sharonov. Trudy VNIIP [MS] 3 no. 2 47-50 '60.

GEORGIA—ANTIQUITIES

Dolmen culture in Georgia [in Georgian with summary in Russian]. O. Dzhaparidze. Trudy Tbil. GU 77:77-126 '59.

GEORGIA—ARCHERY

Experience in introducing archery in physical-culture organizations in Georgia. V. N. Elashvili. Teor. i prak. fiz. kul't. 24 no. 3:176-178 '61.

GEORGIA—BOOKPLATES

Soviet bookplates in Georgia. Sov. knizh. torg. 13 no. 4 50-3 of cover Ap '61.

GEORGIA—COMMERCE

Forty years of Soviet trade in Georgia. M. Gvidzhiliia. Sov. torg. 34 no. 5 20-23 My '61.

GEORGIA—CORN (MAIZE)

"Aslamazi" - beautiful a hundredfold. M. Davidashvili. Sov. pech. no. 5:21-23 My '61.

GEORGIA—DEER, FOSSIL

Remains of a fallow deer (Cervus (Dama) sp.) from Pleistocene sediments of southern Georgia. A. K. Vekua. Soob. AN Gruz. SSR 24 no. 1:45-47 Ja '60.

GEORGIA—DISCOMYCETES

Material for a study of the Discomycetes of eastern Georgia. T. T. Anchabadze. Vest. Gos. muz. Gruz. 18A 191-201 '59.

GEORGIA—ECONOMIC CONDITIONS

The 40th anniversary of Soviet Georgia. I. O. Uki. ist. zhur. 5 no. 3:113 My-Je '61.

GEORGIA—FORAMINIFERA, FOSSIL

Upper Eocene foraminifera of the Akhaltsikhe Territory basin and the Trialet Range. M. V. Kacharava. Vest. Gos. muz. Gruz. 18A 89-105 '59.

GEORGIA—GEOLOGY, STRATIGRAPHIC

Cross-section of the Maykop series at the village of Dzhgali (western Georgia). E. K. Vakhania. Vest. Gos. muz. Gruz. 18A 107-109 '59.

GEORGIA—GEOLOGY, STRUCTURAL

Geostructural regionalization of oil- and gas-bearing areas in western Georgia. M. F. Dzvelaia. Trudy VNIGNI no. 10:201-207 '58.

New data on recent tectonic movements in western Azerbaijan and eastern Georgia. M. G. Agavekov, A. V. Mamedov. Izv. AN SSSR, Ser. geol. 26 no. 5:88-92 My '61.

GEORGIA—JOURNALISM

Fraternal ties. Galina Mukhranell. Sov. pech. no. 5:26-28 My '61.

The happy life. Nazi Tilasonlia. Sov. pech. no. 5:25-26 My '61.

GEORGIA—LAND TENURE

How the Bolshevik organizations of Georgia tried to carry out Lenin's agrarian reform, 1903-1907 [in Georgian with summary in Russian]. Sh. Chachua. Trudy Tbil. GU 77:193-235 '59.

Land tenure and the problem of "satavado" estates in the Kakhetian Kingdom of the 16th and 17th centuries [in Georgian with summary in Russian]. N. Asatiani. Trudy Tbil. GU 77:27-55 '59.

GEORGIA—LEATHER INDUSTRY

Basic trends for the efficient utilization of pigskins in the leather enterprises of the Georgian S. S. R. G. I. Dzhanashiia, IA. S. Palei. Kozh.-obuv. prom. 2 no. 3:13-16 Mr '60.

GEORGIA—MEDICINE

Some problems in the history of Georgian medicine based on materials obtained by archaeological excavations. P. M. Piriptashvili. Soob. AN Gruz. SSR 24 no. 1:121-128 Ja '60.

GEORGIA—MITES

New species of mite of the genus Tenuipalpus from Georgia (Acarina, Tenuipalpidae). L. A. Gomelauri. Soob. AN Gruz. SSR 24 no. 1 77-79 Ja '60.

GEORGIA—MONASTERIES

Architectural and structural organization of the Bertubani monastery. K. N. Melitauri. Soob. AN Gruz. SSR 24 no. 1 115-120 Ja '60.

GEORGIA—PETROLEUM

Areshidze, Kh. I. [Study of the chemical properties of Georgian petroleums and contact conversions of hydrocarbons in the presence of gumbrin] Issledovanie khimicheskoi prirody neftei Gruzii i kontaktnykh prevrashchenii uglevodorodov v prisutstvii gumbrina. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1960. 232 p.

GEORGIA—PRESS

To seek, to create, and to hold! I. Chkhikvishvili. Sov. pech. no. 5:17-19 My '61.

GEORGIA—RADIO JOURNALISM

Turn on the radio. K. TSkhadaia. Sov. pech. no. 5:30-31 My '61.

GEORGIA—RELATIONS (GENERAL) WITH THE BYZANTINE EMPIRE

History of Georgian-Byzantine political relations in the first half of the 11th century [in Georgian with summary in Russian]. V. Kopaliani. Trudy Tbil. GU 77.1-26 '59.

GEORGIA—REVOLUTION, 1917-1921

S. M. Kirov as Soviet Russia's plenipotentiary envoy to the Menshevik Government of Georgia. D. S. Zavriev. Ist. SSSR 5 no. 2:143-149 Mr-Ap '61.

GEORGIA—RUSSIAN SOCIAL DEMOCRATIC PARTY

How the Bolshevik organizations of Georgia tried to carry out Lenin's agrarian reform, 1903-1907 [in Georgian with summary in Russian]. Sh. Chachua. Trudy Tbil. GU 77:193-235 '59.

GEORGIA—TEA

Let us improve all tea plantations. V. Smirnov. Komsom. zhizn' no. 5:20-21 Mr. '60.

GEORGIA—TICKS

Dzhaparidze, N. I. [Ixodid ticks of Georgia] Iksodovye kleshchi Gruzii. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1960. 295 p.

GEORGIA—TIGERS

Another case of a tiger (Tigris tigris virgata Matschie) in Georgia [in Georgian with summary in Russian]. I. D. Chkhikvishvili, R. Sh. Avaliani. Vest. Gos. muz. Gruz. 18A 241-243 '59.

GEORGIA—UNGULATA, FOSSIL

New representative of the Caviconia from Miocene sediments of Udabno [in Georgian with summary in Russian]. E. G. Gabashvili. Vest. Gos. muz. Gruz. 18A. 25-29 '59.

GEORGIAN LITERATURE—BIBLIOGRAPHY see Bibliography—Georgian literature

GEORGIAN LITERATURE—HISTORY AND CRITICISM

Shevchenko and Georgia. V. Imedadze. Sov. Ukr. 11 no. 5:153-156 My '61.

GEORGIYEVSKIY DISTRICT—COLLECTIVE FARMS

The key to the heart. S. Sellverstov. Part. zhizn' Kazakh. 30 no. 4:72-77 Ap '60.

GEOTROPISM

Distribution of heteroauxin in plant stems and roots during geotropic bending [with summary in English]. P. A. Genkel'. Fiziol. rast. 7 no. 2:207-213 '60.

GERBILS AS CARRIERS OF DISEASE see subdivision under Aral Kara-Kum

GERD, ALEKSANDR IAKOVLEVICH, 1841-1888
A. IA. Gerd. Nar. nasv. no. 3 91 Mr '61.

GERMAN DEMOCRATIC REPUBLIC see Germany, East

GERMAN FEDERAL REPUBLIC see Germany, West

GERMAN LANGUAGE—DICTIONARIES—RUSSIAN
Shapiro, A. E., and M. L. Politerovich, comps. [German-Russian dictionary for leather and shoe industry] Nemetsko-russkii slovar' po kozhevennoi i obuvnoi promyshlennosti. Moskva, Glav red inostr. nauchno-tekhn slovarei Fizmatgiza, 1960 405 p.

GERMAN LANGUAGE—MOOD
Use of the conjunctive in subordinate clauses of the modern German language. V. K. Terekhina Uch zap Komi gos ped. inst no 7 211-'50 '59

GERMAN LANGUAGE—STUDY AND TEACHING
Connection between new and studied material V. P. Ivanov Sov pedag 25 no 5 39-49 My '61

GERMAN LANGUAGE—STYLE
Stylistic usage of the perfect in the modern German language. G. S. Nechaeva. Vop. iaz. i lit. no. 2:48-62 '60.

GERMAN LANGUAGE—TENSE
The final inflectional meaning of the form of the perfect in the modern German language. G. S. Nechaeva. Vop. iaz. i lit. no. 1 18-30 '59.
Stylistic usage of the perfect in the modern German language. G. S. Nechaeva. Vop. iaz. i lit. no. 2 48-62 '60.

GERMAN LITERATURE—BIBLIOGRAPHY see Bibliography—German literature

GERMAN LITERATURE—HISTORY AND CRITICISM
Literature of the German Democratic Republic. O. V. Egorov. Izv AN SSSR Otd lit. i iaz. 19 no 1 78-80 Ja-F '60.
Whither man and literature? IA. Elsberg Inostr lit no 4 198-212 Ap '61

GERMAN POETRY—HISTORY AND CRITICISM
Democratic spirit of the radical poetry of the "Sturm and Drang" period (Buerger, Voss, Schubart). A. IA. Sliaev. Uch. zap. Lip. gos. ped. inst. 2 110-127 '58.

GERMANIUM
Accumulation of germanium in coals. A. B. Travin. Geol. i geofiz. no. 4:107 '61.
Biogeochemistry of germanium [with summary in English]. S. M. Manskaia and others. Geokhimiia no. 5:433-439 '61.
Catalytic properties of germanium V. M. Frolov, O. V. Krylov, S. Z. Roginskii Probl kin i kat 10 102-107 '60
Contact potential of the surface of germanium in adsorption and catalysis V. I. Linshenko, G. F. Romanova, I. I. Stepko Probl kin. i kat 10 111-116 '60.
Effect of germanium sol on the sensitivity to light and development of photographic layers. V. N. Maslov, A. V. Lishina. Zhur. nauch. prikl. fot. i kin. 6 no. 3: 229-231 My '61.
Effect of temperature on the parameters of surface recombination centers in germanium. A. V. Rzhanov, N. M. Pavlov, M. A. Seleznева Fiz. tver. tela 3 no. 3 832-840 Mr '61
Electrochemical and corrosion behavior of semiconductors in electrolyte solutions. Part 1 Electrode reactions on germanium in sulfuric acid solutions in the presence of hydrogen peroxide [with summary in English]. N. D. Tomashov, E. N. Paleolog, A. Z. Fedotova. Zhur. fiz. khim 34 no. 4:833-840 Ap '60.
Energy spectrum of defects arising in Ge under the effect of gamma radiation. N. A. Vitovskii and others Fiz. tver. tela 3 no. 5:998-1001 My '61.
Geochemistry of germanium. A. S. Zhukova. Trudy Inst. min., geokhim. i kristallokhim. red. elem. no. 3, 26-43 '59
Mean energy of the formation of pairs of nonequilibrium carriers in germanium irradiated by gamma rays from Co^{60}. M. V. Chukichev, V. S. Vavilov. Fiz. tver. tela 3 no. 3:935-942 Mr '61.
Mechanism of discrete energy losses by electrons in germanium. N. B. Gornyi. Fiz. tver. tela 3 no. 3: 698-700 Mr '61.
Nature of surface recombination centers in germanium. A. V. Rzhanov and others. Fiz. tver. tela 3 no. 3:822-831 Mr '61.
Recombinations on gold atoms in p-type germanium. V. G. Alekseeva, E. V. Karpova, S. G. Kalashnikov. Fiz. tver. tela 3 no. 3:964-971 Mr '61.
Relationship between the catalytic activity and semiconductor properties of germanium. V. L. Kuchaev, G. K. Boreskov Probl. kin. i kat 10 108-110 '60.
Volatility of germanium in coals. B. I. Losev and others. Trudy IGI 13:164-168 '60.

GERMANIUM—ANALYSIS
Coprecipitation of germanium with hydroxides of iron and other metals [with summary in English] Kh. IA. Kuus. Zhur. anal. khim. 16 no. 2 166-170 Mr-Ap '61.

GERMANIUM—ELECTRIC PROPERTIES
Anomalous negative current and anomalous positive photocurrent V. I. Zviagin and others Izv. AN Uz SSR. Ser. fiz.-mat nauk no. 2 29-32 '61
Experimental study of the nature of the volume-gradient e. m. f. arising in germanium under the action of an electric current. P. I. Baranskii, G. M. Dziubenko, N. S. Konoplisova. Fiz. tver. tela 3 no. 3:876-883 Mr '61

GERMANIUM—ISOTOPES
Determination of radioactive impurities in preparations of germanium-71, and preparation of radiochemically pure germanium-71 M. M. Golutvina, F. A. Tikhomirova. Radiokhimiia 2 no. 1 112-119 '60

GERMANIUM COMPOUNDS
Some problems involved in the formation of complex tetrahedral phases [with summary in English]. N. A. Goriunova Vest. LGU 16 no. 10, 112-124 '61

GERMANIUM HYDROXIDE
Determination of the pH at the beginning of the dissolution and of the activity product of germanium (IV) hydroxide P. N. Kovalenko, L. B. Reznik Izv. vys. ucheb. zav., khim. i khim. tekh 4 no. 2:193-196 '61.

GERMANIUM ORGANIC COMPOUNDS
Polymerization under pressure of α-methylstyrenes substituted at the nucleus Part 7: α-Methylstyrene containing Sn, Pb, and Ge [with summary in English] A. M. Pollakova, V. V. Korshak, E. S. Tamhovtseva Vysokom. soed 3 no. 5:862-864 My '61

GERMANY—ANTI-NAZI MOVEMENT
"Early history of the conspiracy of July 20, 1944 against Hitler" [in German] and "The truth about the conspiracy of July 20, 1944 against Hitler" by V. S. Koval'. Reviewed by V. T. Fomin Nov. i noveish ist no 3 138-140 '61.

GERMANY—COMMUNIST PARTY OF THE SOVIET UNION
The Communist Party of Germany in the struggle for the new school and socialist education in the years of Weimar Republic, 1919-1933 T. F. IArkina. Sov pedag. 25 no. 4 73-88 Ap '61.

GERMANY—EDUCATION
The Communist Party of Germany in the struggle for the new school and socialist education in the years of Weimar Republic, 1919-1933 T. F. IArkina Sov. pedag. 25 no 4 73-88 Ap '61

GERMANY—FOREIGN RELATIONS—POLAND
"Poland, Germany, and the Oder-Neisse boundary" [in German]. Reviewed by IU. N. Aleksandrov. Krat. soob. Inst. slav. no. 31:109-117 '61.

GERMANY—HISTORY
The end of fascist Germany as presented in West German historiography. A. A. Galkin Nov. i noveish ist. no 3 124-133 '61
Reaction to the great French Revolution in Germany [in Georgian with summary in Russian]. G. Kiguradze. Trudy Tbil. GU 77:261-282 '59.

GERMANY—IMPERIALISM
Hitler's plans for the achievement of world supremacy Voen.-ist. zhur. 3 no. 6:87-92 Je '61

GERMANY—POLITICS
On both sides of the gate. Vsem. stud. nov. 15 no. 1: 21-22 Ja '61

GERMANY—SOCIAL CONFLICT
The struggle of the German proletariat. A. IA. Zilberg. Uch. zap. Komi gos. ped. inst. no. 7:41-68 '59.

GERMANY—SOCIALISM
Eternally living ideas of Marxism ("Criticism of the Gotha program" by Karl Marx. Reviewed by A. Liutarevich). Komm. Bel. 34 no. 4:101-06 Ap '60.

GERMANY—WORLD WAR, 1939-1945
Economic and military preparations of Hitlerite Germany for the war against the Soviet Union [with summary in English, p. 173] F. N. Telegin Nov. i noveish ist no. 3, 31-45 '61.
In the ruins of the Third Reich. Voen.-ist. zhur. 3 no. 5:83-94 My '61.

GERMANY—WORLD WAR, 1939-1945—ATROCITIES
Adolf Eichmann, war criminal No. 3. Silvain Dorian V zashch mira no. 5:66-74 My '61.

GERMANY—WORLD WAR, 1939-1945—PEACE
Vital issue for the German nation. Johannes Dieckmann. Nov. vrem. 19 no. 21:4-5 My '61.

GERMANY, EAST
On the basis of the teachings of Lenin. K. Merkel'. Sov. torg. 33 no. 4 59-60 Ap '60.

GERMANY, EAST—AGRICULTURE, COOPERATIVE
Paitsoni, Vil'gel'm, and S. V. Lutsenko. [Competition between Soviet and German farmers] Sorevnovanie sovetskikh i nemetskikh krest'ian. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959 122 p.
[MICROFILM]

GERMANY, EAST—COMMUNIST PARTY
Unity is the principal condition for the victories of workers [with summary in English, p. 173] Hermann Matern Nov i noveish ist no 3-5 '61

GERMANY, EAST—CRIMINAL JUSTICE, ADMINISTRATION OF
The further development of socialist justice in the German Democratic Republic. Hilda Benjamin. Sov. iust no 10 14-15 My '61

GERMANY, EAST—ECONOMIC CONDITIONS
In Germany after ten years. IU. Korol'kov. Novyi mir 37 no. 5 127-155 My '61.

GERMANY, EAST—GARAGES—SAFETY MEASURES
News of foreign technology. Okhr. truda i sots. strakh. 4 no. 5 48 My '61.

GERMANY, EAST—GEOLOGY—CONGRESSES
Anniversary session of the Geological Society of the German Democratic Republic A. V. Nemilova. Sov. geol. 4 no. 3, 119 Mr '61.

GERMANY, EAST—INDUSTRIAL SAFETY
Improving working conditions in hot shops of plants in East Germany. G. Denitz. Bezop. truda v prom. 4 no. 5:32-33 My '60.

GERMANY, EAST—KINDERGARTEN
In the German Democratic Republic. IA. Gevel'kyl. Doshk. vykh 22 no. 6, 44-46 Je '61.

GERMANY, EAST—MARINE DIESEL ENGINES
Construction of diesel engines in the German Democratic Republic. N. Chernobrivtsev Rech transp 19 no. 2:52-55 F '60

GERMANY, EAST—MEDICINE
Development of medical sciences in the German Democratic Republic (1945-1960). K Winter Sov zdrav 20 no. 4 63-65 '61

GERMANY, EAST—PHILOSOPHY—PERIODICALS
"Deutsche Zeitschrift für Philosophie," a German periodical W Maltusch Vop. filos 15 no 5 170-177 '61.

GERMANY, EAST—PHYSICAL THERAPY
First Conference on Health Resort Therapy and Physical Therapy in the People's Republic of Bulgaria. A. D. Borisov, B. Lachman Vop. kur., fizioter. i lech. fiz. kul't 26 no 1 75-70 '61

GERMANY, EAST—POWER PRESSES
Development of the manufacture of presses in the German Democratic Republic. G. M. Rodov, I. M. Podrabinnik. Biul. tekh.-ekon. inform. no. 4:88-91 '61.

GERMANY, EAST—RADIOISOTOPES
Uses of radioactive isotopes in the German Democratic Republic (from "Isotopentechnik," 1, No. 2, 33, 1960). N. I. Leshchinskii, A. S. Shtan'. Atom. energ. 10 no. 5: 543-544 My '61.

GERMANY, EAST—RAILROADS—PASSENGER CARS
Two-story cars. Znan. ta praisia no. 4:24 Ap '61.

GERMANY, EAST—TEXTILE FIBERS, SYNTHETIC
Studies in the field of the technology of synthetic fiber processing in the German Democratic Republic [from "Deutsche Textiltechnik," no. 11, 1960). Tekst. prom. 20 no. 3:78-81 Mr '60.

GERMANY, WEST—COAL MINING MACHINERY
"Monopol" cutter for nibbing, (from "Glueckauf," no. 15, 1960). M. T. Matveev, M. A. Spektor. Ugol' Ukr. 5 no. 5:43 My '61.

GERMANY, WEST—CRIMINAL JUSTICE, ADMINISTRATION OF
"A state without law; accounts and documents on special procedure established by the Bonn Government for the examination of political cases" [in German] by H. Gerats and others Reviewed by I. Korotaevskyi. Rad. pravo no. 2, 147-149 Mr-Ap '60.

GERMANY, WEST—DRYING APPARATUS
New developments in the field of veneer drying (from "Wood and Wood Products," 65 no. 8, 1960). Der. prom. 10 no. 3:31 Mr '61.

GERMANY, WEST—FOREIGN ECONOMIC RELATIONS—AFRICA
The penetration of West German monopolies into Africa. L. L. Kruglov. Krat. soob. Inst. vost. no. 41, 43-56 '59.

GERMANY, WEST—FORFIGN ECONOMIC RELATIONS—ASIA
Penetration of West German monopolies into Asia. I. Lalizov Polit. samoobr 5 no. 5 74-77 My '61

GERMANY, WEST—FOREIGN RELATIONS
The enemies of peace have become more active Blokn igit [Ukr.] no 12 59-63 Ap '60

GERMANY, WEST—GROUND CUSHION PHENOMENON
Vessels on an air cushion [from "Schiff und Hafen," no 5, 1960 and other materials] V Maksimov Rech transp 20 no 3 60-64 of cover Mr '61

GERMANY, WEST—INLAND WATER TRANSPORTATION
Increasing the competition of West German railroads with the inland water transportation system [from "Internationales Archiv fur Verkehrswesen," no 9, 1959] V Persianov Rech transp 20 no 3 59-60 Mr '61

GERMANY, WEST—LIFEBOATS
New design of enclosed lifeboat (from "Hansa," no 8/9, Feb. '59) L Frankina Rech transp 19 no 3 3 of cover Mr '60

GERMANY, WEST—MILITARISM
War mongers and the Olympic flame. A. Franklin. Polit. samoobr. 5 no. 5:137-140 My '61.

GERMANY, WEST—PETROLEUM INDUSTRY
Petroleum industry and petroleum refining in the German Federal Republic L K Tamevosian, Khim i tekh. topl. i masel 6 no. 5 66-71 My '61.

GERMANY, WEST—POLITICAL CRIMES AND OFFENSES
"A state without law" accounts and documents on special procedure established by the Bonn Government for the examination of political cases" [in German] by H Gerats and others Reviewed by B Korotaev'skyi Rad pravo no 2 147-149 Mr-Ap '60

GERMANY, WEST—POLITICS AND GOVERNMENT
At the old position. A. Zholiver. Mezhdunar. zhizn' 8 no. 6 117-118 Je '61.
Going still further to the right. A. Syrokomskaia. Sov. profsoiuzy 17 no. 11 33-35 Je '61

GERMANY, WEST—PRESS
Even cosmetics don't help. A A Afonin Sov. pech no 4,60-61 Ap '61

GERMANY, WEST—RADIATION PROTECTION
New regulation for radiation protection adopted in the Federal Republic of Germany (from "Atomwirtschaft," 5, No. 9, 381, 1960). Atom. energ. 10 no. 5:545-546 My '61.

GERMANY, WEST—RAILROADS
Increasing the competition of West German railroads with the inland water transportation system [from "Internationales Archiv fur Verkehrswesen," no 9, 1959] V Persianov Rech transp 20 no 3 59-60 Mr '61

GERMANY, WEST—SPORTS
War mongers and the Olympic flame. A. Franklin. Polit. samoobr. 5 no.5:137-140 My '61.

GERMANY, WEST—SUGAR—MICROBIOLOGY
Microbiological control in sugar factories (from "Zeitschrift fur die Zuckerindustrie," no. 10, 1959). D. G. Bronshtein. Sakh. prom. 34 no. 5, 72-74 My '60.

GERMANY, WEST—THEATER
Survey of the foreign press. Inostr. lit. no. 5:207-215 My '61.

GERMANY, WEST—TRADE UNIONS
Going still further to the right. A. Syrokomskaia. Sov. profsoiuzy 17 no. 11 33-35 Je '61.

GERMANY, WEST—VEGETABLE GARDENING
Vegetable growing in the German Federal Republic. A. A. Kolomiets. Vest. sel'khoz. nauki 6 no. 5:141-146 My '61.

GERMANY, WEST—WOODWORKING MACHINERY
Grinder-saw (from "Holzindustrie," no. 11, 1960). Der. prom. 10 no. 3:32 Mr '61.

GERMICIDES see Fungicides

GERMINATION
Biology of the germination of soapwart seeds A. V Poptsov Biul Glav bot. sada no 39 42-47 '60
Effect of stratification on the emergence of slowly germinating wild grass seeds. A. M Ovesnov Biul. Glav. bot sada no 39 48-54 '60
Germination in cucurbitaceous plants. I. T. Vasil'chenko Bot. zhur. 45 no 4 564-566 Ap '60
How the treatment of alfalfa seeds before sowing affects the force of emergence and the growth and development of plants. S. O. Gladkov. Nauk. pratsi Ukr. nauk.-dosl. inst. arosh. zemi. 1, 141-148 '59.
Nature of the action of Azotobacter and phosphorus bacteria during the initial germination periods of sugar beet seeds I A. Bollet. Mikrobiol. zhur 23 no 1 15-20 '61.
Thermal coefficient of germination A V. Poptsov, T G Buch. Biul Glav. bot. sada no 38 56-63 '60.

GERMS see Bacteria

GIARDIASIS
Differential diagnosis and compound treatment of chronic dysentery aggravated by lambliasis A. S. Bogdanova Lech. delo bol' no 3 111-114 '57.

GIBBERELLIC ACID
Effect of gibberellic acid on ergot (Claviceps purpurea Tul.) in saprophytic and parasitic cultures N I Ostrovskii and others Fiziol rast 8 no 3,358-360 '61
Effect of gibberellic acid on the growth and biochemical processes in tobacco, makhorka, and certain ornamental plants [with summary in English] S O Hiebinbkyi, N V Roiko Ukr bot zhur 18 no 2 37-40 '61
Effect of gibberellic acid on woody plants. D. A Komissarov Dokl AN SSSR 136 no 5 1211-1214 F '61

GIBBERELLINS
Effect of gibberellin on the growth and development of corn. A A Zhuravlev, M. N. Smirnov. Agrobiologiia no. 3 390-396 My-Je '61.
Effect of gibberellin on the growth of dormant shoots in the tea plant M. A Ali-Zade. Dokl AN SSSR 136 no. 2 470-472 My '61
Growth and frost resistance of oak (Quercus robur L.) treated with gibberellin F L Shchepot'ev, A IA Tolstoplet, N. I Navalikhina Dokl AN SSSR 136 no 4 966-969 Je '61
Localization of the reaction of gibberellin in plants [with summary in English] G A Evtushenko. Fiziol rast 8 no 3 304-308 '61
New physiologically active substances. V. G. Kochankov. Priroda 50 no. 6 50-51 Je '61.
Peculiarities of the effect of gibberellin on the growth and development of healthy and degenerated potato plants of the "Rannyaya Roza" variety G. V. Zablada, M I Prosteva Nauch. dokl vys. shkoly, biol nauki no 2: 181-185 '61
Using gibberellin for increasing orange yields. V. F. Verzilov, N. A. Rodionova. Biul Glav. bot. sada no 38 100-101 '60.

GIBBERELLINS—CONGRESSES
Conference on gibberellins and gibberellinlike substances. V G Kochankov. Fiziol rast 8 no. 3;380-381 '61.

GIBBERELLINS—PHYSIOLOGICAL EFFECT
Using gibberellin for accelerating the growth of woody plants. D. A. Komissarov. Les. khoz. 14 no. 6:35-38 Je '61.

GIBRALTAR—HOSPITALS
A present L. Ilyashchenko Volov. ateist no. 4 45 Ap '61

GIKIS, ANTON FELIKSOVICH, 1900-
Anton Feliksovich Gikis; on the 60th anniversary of his birth and the 30th anniversary of his teaching career. Izv. vys. ucheb. zav.; elektromekh. 3 no. 12:135-136 '60.

GIRDERS
(see also subdivision under Kursk Province)
Crack resistance in prestressed concrete beams in inclined sections [with summary in English, p. 78] L. V. Kuznetsov. Visnyk ABIA URSR no. 1:19-26 '61.
Designing roofs to be built using crossbeams and crossgirders M D Gurari Strol mekh i rasch soor 2 no 2 42-46 '60
Determining displacements in bars of wide curvature. E. S. Ianushevich. Izv. vys. ucheb. zav.; mashinostr. no. 3;26-30 '61.
Making 24-m prestressed reinforced concrete girders on stands. L. I. Zagermeister, E. I. Volodin, F. S. Dudnik. Prom. stroi 38 no. 5;54-57 '60.
Mastering the production of lightweight sections at the Magnitogorsk Metallurgical Plant [with summary in English]. N. I. Strashtdinov. Stal' 20 no. 7:621-626 Jl '60.
Obodovskii, E. A. [Design of statically indeterminate beams] Raschet statisticheskl neopredelimykh balok. Pod red. G. S. Glushkova. Khar'kov, Izd-vo Khar'kovskogo gos. univ. im. A. M. Gor'kogo, 1960. 46 p.
Plotting the influence lines for round continuous beams and collars using formulas of unit displacements G. V. Veselovskii. Trudy NPI 91:3-22 '60.
Plotting the influence lines of curved continuous beams with a round axis by the initial quantities method. M S. Glikina. Trudy NPI 91:51-75 '60.
Precast prestressed concrete truss-plate beams with a span of 12 m. N. G. Gudenko. Trudy NIIZHB no. 16: 163-181 '60.
Prestressed concrete truss-plate beams. N. G. Gudenko. Trudy NIIZHB no. 16:150-162 '60.
Properties of lightweight I-bars and channels, and special characteristics of their manufacture [with summary in English] P. A Aleksandrov, I V Gunin, I N Filippov Stal' 20 no 7 619-623 Jl '60
Pure torsion test for bars with a cross section in the form of a split ring V A Shmatkov, V V Chirkov Trudy NPI 91:71-82 '60
Secondary effect in the torsion of a composite beam with a slightly bent axis A F Sharangina Soob AN Gruz SSR 24 no 1 15-22 Ja '60
Standardizing prestressed beams for road and city bridges IU M Mitrofanov Transp stroi 11 no. 1 37-40 Ap '61
Stretching reinforcements by electrothermal methods in making ceiling beams. I. F Blokhman, N. L Kotliar Prom stroi 38 no 5 41-47 '60
Study of the strength and rigidity of two-ply foamed concrete beams. S. M. Skorobogatov. Trudy Ural. politekh. inst. no. 99 126-133 '60.
Testing the general stability of beams. A. Z. Zaripfan Trudy NII 91 15-19 '60

GIRDERS—MODELS
Studying the behavior of Vierendeel beams in the elastoplastic range using chromoplastic models. St Balan, V. Peteu, S Reutu Strol mekh i rasch soor 2 no. 2 19-27 '60

GIRDERS—TESTING
Study of the deformation of welded I-beams from longitudinal seams. R. S. Florov, A. I. Lur'e. Trudy Ural. politekh. inst. no. 99:170-173 '60.

GIRDERS—VIBRATION
Vertical vibration of girder systems considering forces of the resistance and inertia of a movable load. K. E. Kilaev. Trudy MIIT no. 131, 205-217 '61.

GIRDERS, CONTINUOUS
Designing continuous crane girders on elastic supports. I. V. Serebrennikov. Strol mekh. i rasch. soor. 3 no. 2 44-48 '61.

GISSAR DISTRICT—COOPERATIVE SOCIETIES
Three years have passed. T. Borisov. Sov. potreb. koop 5 no 5:20-21 My '61.

GISSAR RANGE—GRANITE
Gallium in the country rock of fluorite-sulfide mineralization (with summary in English). O. V Vershkovskaia, V. S. Saltykova. Geokhimiia no. 5 440-445 '61.

GITALOV, ALEKSANDR VASIL'EVICH
Russian engineer Gitalov Ivan Vinnichenko. Novyi mir 36 no. 5 103-129 My '60

GIZHDUVAN DISTRICT—COTTON GROWING
Facing the spring S Khamidov Uzbekiston 16 no 2 9 F '60.

GLACIERS
(see also subdivision under Altai Territory; Antarctic regions, Queen Maud Land; Shapshal'skiy Mountains)
Effect of the discharge of Antarctic glaciers on the hydrological regime of the Southern Ocean I V. Maksimov Inform. biul. Sov. antarkt. eksp. no 25-36-38 '61.

GLACIOLOGICAL RESEARCH see subdivision under Antarctic regions; Vostok Station, Antarctica

GLADKOV, FEDOR VASIL'EVICH, 1883-1958
The early works of Fedor Gladkov A. P. Volozhenin. Uch. zap. MGPI 97 87-153 '59

GLANDS, DUCTLESS see Endocrine glands

GLANDS, SALIVARY see Salivary glands

GLASS
Adsorption of $Pu^{(IV)}$ on a glass surface. V. I. Grebenshchikova, IU. P. Davydov. Radiokhimiia 3 no. 2:165-172 '61.
Effect of the scale factor and temperature on the adhesive strength between polymer and glass [with summary in English]. G. M Bartenev, V. T. Marinina Vysokom soed 3 no 5;783-786 My '61
Hygienic evaluation of radiation penetrating through organic glass from the ultraviolet region of the specter [with summary in English]. O. IA. Khomeriki. Gig. i san 25 no. 7 13-17 Jl '60.
Method of determining the characteristics of glass. A. A. Appen. Stek. i ker. 18 no. 5:15-16 My '61.
Preparation of various glasses in the laboratory. L. F. Popova, N. G. Kliuchnikov. Khim. v shkole 15 no. 2: 82-85 Mr-Ap '60.
Rheological properties of inorganic glasses above the glass temperature, and their structure [with summary in English]. G. M Bartenev, A. S Eremeeva. Vysokom. soed. 3 no. 5;740-747 My '61
Selective sorption on porous glasses S P. Zhdanov, E V Koromal'di. Dokl. AN SSSR 138 no. 4:870-873 Je '61.
Sorption of radioactive elements by glass. Sorption of radiophosphorus N G. Rozovskaia Radiokhimiia 2 no. 1:20-23 '60.

GLASS—CATALOGS see subdivision under Konstantinovka

GLASS—DEFECTS
Devitrification of bottle glass. N. A. Toropov, R. G. Grabenshchikov. Stek. i ker. 18 no. 3 12-14 Mr '61

GLASS—ELECTRIC PROPERTIES
Nature of conductivity of alkali-free barium silicate glasses. K. K. Evstropiev, V. A. Kharitonov. Dokl. AN SSSR 136 no. 1:110-111 Ja '61

GLASS—OPTICAL PROPERTIES
Optical properties of sodium borosilicate glasses. V. V. Akimov. Zhur. prikl. khim. 33 no. 10 2190-2197 O '60

GLASS—TESTING
Fracture of the surface layer of glass by means of microindenters [with summary in English]. P. IA. Bokin. Inzh.-fiz. zhur. 4 no. 4.126-128 Ap '61.

Method of determining breaking and elastic characteristics of films of glass. I. I. Kitaigorodskii, V. V. Rostokinskii, V. I. Elinek. Stek. i ker. 18 no. 3.8-11 Mr '61.

Some properties of glasses of the system $Li_2O - BaO - SiO_2$. M. A. Bezborodov, V. D. Maznichenko. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 2 261-264 '61

GLASS, COLORED
Conditions for obtaining fast-striking gold ruby glass. M. M. Skornikov. Stek. i ker. 18 no. 5 12-14 My '61.

Using rare earths for tinting glass. A. I. Alakin, B. N. Nikitin, N. P. Isarevskaia. Stek. i ker. 18 no. 3 34-36 Mr '61

GLASS, PLATE see Plate glass

GLASS FIBERS
Experimental study of the oscillations of the bobbin holder of a glass filament spinning unit. Kh. Z. Regel'man. Izv. vys. ucheb. zav.; tekh. teks. prom. no. 2 136-143 '61.

Motor yacht built of glass fibers and synthetic rubber (from "Hansa," no. 10/11, Mar. '59). N. Ivanova. Rech. transp. 19 no. 3 3 of cover Mr '60

GLASS ELECTRODES see Electrodes, Glass

GLASS FURNACES
(see also subdivision under Moscow)
Automatic pressure regulation inside a glass-melting furnace. V. M. Obukhov, B. V. Zhbanov. Stek. i ker. 18 no. 3.27-29 Mr '61

Design changes in glass furnaces. M. I. Koz'min. Stek. i ker. 18 no. 5.1-6 My '61.

Meeting devoted to raising the operational efficiency of glass furnaces. Stek. i ker. 18 no. 3 41-46 Mr '61

New design for the device which stokes the glass-melting furnace with batch and cullet. A. K. Tkachev, V. S. Chernopatov. Stek. i ker. 18 no. 3.31-32 Mr '61.

Petroleum residue as a secondary fuel for glass furnaces. N. V. Dubrovina, A. A. Zaliznak, D. I. Klejg. Stek. i ker. 18 no. 5 7-8 My '61.

Preparing lead crystal in a pot furnace. G. V. Savonichev and others. Stek. i ker. 18 no. 5-9-11 My '61.

Slepanenko, M. G. [Ways of improving pot furnaces] Puti sovershenstvovaniia vannykh stekluvarennykh pechei. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 160 p.

Using spray burners for liquid fuel combustion in glass furnaces. A. A. Sukhov. Stek. i ker. 18 no. 3 38-42 Mr '61.

GLASS MANUFACTURE
Enamelled glass facing tiles. G. A. Storozhenko. Stek. i ker. 18 no. 3 37 Mr '61.

From the pages of foreign magazines. Stek. i ker. 18 no. 5.42-46 My '61.

"Glass technology" by L. M. Butt, B. B. Polliak. Reviewed by A. G. Minakov. Stek. i ker. 18 no. 3.48 Mr '61.

New annealing furnace for producing insulators on an assembly line. V. S. Gorbanev. Stek. i ker. 18 no. 3: 36-37 Mr '61.

Production potentials should serve the national economy. Stek. i ker. 18 no. 5.1-4 My '61.

Reorganizing the supply of raw materials is an urgent problem of the glass industry. E. IU. Lev, S. M. Shneerov. Stek. i ker. 18 no. 3.1-3 Mr '61

Washing and drying apparatus for flat instrument glass. IU. IA. Shvagirev. Stek. i ker. 18 no. 5:30 My '61.

GLASS MANUFACTURE—CONGRESSES
Meeting of the magazine's editorial board at a factory. Stek. i ker. 18 no. 5 46-48 My '61.

GLASS MANUFACTURE—ELECTRIC EQUIPMENT
New stepless electric drive for the vertical glass-drawing machine. K. M. Bezpalov, V. S. Vakhrameev. Stek. i ker. 18 no. 3 4-7 Mr '61.

GLASS MANUFACTURE—EQUIPMENT AND SUPPLIES
Conveyor for drying mirrors. P. V. Rudenko. Stek. i ker. 18 no. 3:30-31 Mr '61.

GLASS PIPE see also subdivision 'Pipe, Glass' under Konstantinovka

GLASS REINFORCED PLASTICS
Glass plastics and their applications. N. G. Golovanov. Khim. v shkole. 15 no. 2 12-20 Mr-Ap '60

Machines and units for shaping goods made of glass reinforced plastics by the spraying method. E. F. Kolman-Ivanov, S. A. Kedel'. Khim. mash. no. 3 39-43 My-Je '60

GLASS RESEARCH
Flexible glass. B. I. Levin. Ukr. fotokh. 5 no. 1:30-31 Ja '61

GLAUCOMA
First aid in an acute glaucoma attack. A. A. Akoviev. Fel'd. i akush. 26 no. 5:18-21 My '61.

Further observations on surgical treatment of congenital glaucoma in children [with summary in English]. T. L. Eroshevskii. Oft. zhur. 16 no. 3:131-134 '61.

Intraocular pressure and pressure in the central artery of the retina in patients with hypertension and glaucoma following the use of reserpine [with summary in English]. O. I. Kobozeva. Oft. zhur. 16 no. 3 139-144 '61.

Retrociliary diathermy in glaucoma [with summary in English]. S. B. Rozovskaia. Oft. zhur. 16 no. 3 148-154 '60.

Surgery for primary glaucoma [with summary in English]. N. B. Gordon. Oft. zhur. 16 no. 3 135-139 '61.

GLAUCONITE
Retention of radiogenic argon in glauconites. G. A. Murina, V. D. Sprintsson. Geokhimiia no. 5 459-462 '61.

GLAZES
An opaque glaze for electric insulating articles. M. G. Manvelian, N. I. Kuz'mina, V. A. Vlasikin. Stek. i ker. 18 no. 5 21-25 My '61.

GLAZING
Mechanized feeding of tile into a glazing apparatus. A. E. Rubinovich. Stek. i ker. 18 no. 5.45 My '61.

GLIERE, REINHOLD MORITSEVICH, 1875-1956
Gliere as pedagogue. G. Lilinskii. Sov. muz. 25 no. 6: 109-114 Je '61.

A knight of creative labor. D. Person. Sov. muz. 25 no. 6:116-119 Je '61.

On a friend and companion. E. Gnesina. Sov. muz. 25 no. 6 106-109 Je '61.

A remarkable Russian composer. E. Senior. Sov. muz. 25 no. 6 114-116 Je '61.

GLINKA, MIKHAIL IVANOVICH, 1804-1857
Protopopov, V. V. ["Ivan Susanin" by Glinka; a musical and theoretical study] "Ivan Susanin" Glinki, muzykal'no-teoreticheskoe issledovanie. Moskva, Izd-vo Akad. nauk SSSR, 1961. 419 p.

GLINYANYY ISLAND—RABBITS
Experiments in the acclimatization of saigas and rabbits on Glinyanyy Island. F. F. Aliev. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 1:107-110 '60.

GLINYANYY ISLAND—SAIGA
Experiments in the acclimatization of saigas and rabbits on Glinyanyy Island. F. F. Aliev. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 1.107-110 '60.

GLOW-WORMS see Fireflies

GLUCOSE
Glucose transfer into the cells of tissue cultures [with summary in English]. V. I. Agol. [illegible] no. 6 1092-1098 N-D '60

Influence of carbohydrates on the ery[illegible] stabilized with natrog (sodium 2, 3, [with summary in English, p. 62]. [illegible] Rudashevskaia. Probl. gemat. i per[illegible] 43 Mr '60.

GLUCOSE—CONGRESSES
Conference on the glucose productio[illegible] khim. prom. 14 no. 4:90 '61.

GLUE
Albumin-urea-formaldehyde glue for [illegible] V. P. Alekseeva, M. D. P'iankova, F[illegible] prom. 10 no. 5:20 My '61.

Glue instead of rivets. N. Manukov. 20 no. 4:62-67 Ap '60.

Gluing concrete and reinforced conc[illegible] cement glue. N. V. Mikhailov, N. I[illegible] 24 no. 3.19-22 Mr '61.

Russia (1923- U. S. S. R.) Komitet s[illegible] izmeritel'nykh priborov. [Instructio[illegible] ing glue concentration measuring de[illegible] 267-54 po poverke kleemerov. Izd.[illegible] 1955. 28 p.

GLUTAMIC DECARBOXYLASE
Bacterial method for the production [illegible] acid [with summary in English]. L[illegible] Galaev. Biokhimiia 26 no. 2 262-

GLUTAMINASE
Glutaminase and asparaginase in the gastric mucosa [with summary in English]. IU. Zalenskaia, P. Martinson, L. Takhepyld. Biokhimiia 26 no. 2 281-283 Mr-Ap '61.

GLUTAMINE TRANSAMINASE
Certain properties of purified glutamine transaminase [with summary in English]. Shui Ting-sen' [Hsu Ting-sen]. Biokhimiia 25 no. 6 1114-1118 N-D '60

GLUTARIC ACID
Influence of carbohydrates on the erythrocytes of the blood stabilized with natrog (sodium 2, 3, 4-trioxyglutaroicid) [with summary in English, p. 62]. P. S. Vasil'ev, M. M. Rudashevskaia. Probl. gemat. i perel. krovi 5 no. 3 39-43 Mr '60

GLUTATHIONE
Effect of glutathione, vitamins B-12 and B-1, and rutin on the level of cholesterol in the brain, liver and blood in alimentary hypercholesterolemia [with summary in English]. T. M. Loboeva. Biul. eksp. biol. i med. 51 no. 2: 16-18 F '61.

Glutathione metabolism and extraplemal pulmonolysis under the climatic conditions of Tashkent. K. I. Ruban. Shor. trud. Uz. nauch.-issl. tub. inst. 3 103-105 '57

GLUTATHIONE REDUCTASE
Glutathione reductase in pea seeds. P. S. Zueva, V. P. Ivanova, N. I. Proskuriakov. Biokhim. zerna no. 5 240-255 '60

GLYCERIDES
Lipides. Part 6. Synthesis of triglycerides of vegetable oils. G. A. Serebrennikova and others. Zhur. ob. khim. 31 no. 5 1537-1540 My '61

GLYCIDIC ACID
Compounds containing a three-membered oxide ring. Part 27. Reactions of ethyl esters of some β-disubstituted glycidic acids with hydrazine hydrate. V. F. Martynov, I. B. Belov. Zhur. ob. khim. 31 no. 5 1509-1510 My '61

GLYCIDOL
Phenoxazine series. Part 3. Glycide derivatives of phenoxazine. V. G. Samoilovova, I. V. Gorbunkaia, M. N. Shchukina. Zhur. ob. khim. 31 no. 5 1492-1497 My '61.

GLYCINE
Diethylglycine as a buffer in biochemical research [with summary in English]. A. I. Remizov. Biokhimiia 25 no. 2 223-227 Mr-Ap '60

Glycocoll and glyoxylic and oxalic acids in urine in normal infants during their first year of life [with summary in English]. M. M. Alimova. Vop. med. khim. 6 no. 2 151-157 Mr-Ap '60

Influence of glycocoll on the survival of erythrocytes in preserved blood and in an erythrocytic suspension; as revealed by experimental and clinical material [with summary in English, pp. 62-63]. M. I. Sukharov and others. Probl. gemat. i perel. krovi 5 no. 3:43-52 Mr '60.

Significance of the nitro group in the development of pharmacological effects of certain arylamides in substituted aminoacetic acids [with summary in English]. B. I. Legostev, N. I. Kudriashov, N. V. Khromov-Borisov. Farm. i toks. 24 no. 1.40-44 Ja-F '61.

Studying the system $CuSO_4 - NH_2CH_2COOH - H_2O$ by physicochemical analysis. N. F. Bimolenko, A. IA. Deich. Dokl. AN BSSR 5 no. 5:215-217 My '61.

LYCOLYSIS (Continued)
Specificity of carbohydrate and oxidative metabolism in tumor tissue V. I Agol. Usp sovr biol. 49 no 1 44-53 Ja-F '60.

LYCOPROTEINS
Method of staining glycoproteids in electrophoregrams (simplified modification). M. B. Sheikman. Lab. delo 7 no.5:21-22 My '61.
Modification of glycoproteins in the blood serum in experimental atherosclerosis and in clinical coronary insufficiency. M. G. Denisova. Klin. med. 49 no 5:56-59 My '61.
Protein fractions and glycoproteins in the blood serum in pulmonary tuberculosis [with summary in French]. R. A. Ioffe. Probl. tub. 38 no. 3:91-100 '60.

LYCOSIDASES
Specificity of poly- and oligoglycosidases. D. L. Rozenfeld, I. S. Ishomskaia Dokl AN SSSR 138 no 3 695-697 My '61.

LYCOSIDES, CARDIAC see Cardiac glycosides

LYOXIME
Calculating the structure of layers in nickel dimethylglyoxymate crystals under the theory of close packing of molecules. P. M. Zorkii, M. A. Porai-Koshits. Dokl. AN SSSR 138 no 2:355-357 My '61.
Interaction in the system palladium - dimethylglyoxime - trivalent iron [with summary in English]. Z. G. Golubtsova, L. I. Lebedeva, IU. V. Morachevskii. Zhur. anal. khim. 16 no. 2,191-195 Mr-Ap '61.

LYOXYLIC ACID
Glycocoll and glyoxylic and oxalic acids in urine in normal infants during their first year of life [with summary in English] M M Altmova Vop med khim 6 no. 2 151-157 Mr-Ap '60

NEISS see subdivision under Wilson Hills, Antarctica

OETHE, JOHANN WOLFGANG VON, 1749-1832
Goethe's "Faust" as appraised by I. S. Turgenev. L. N. Tokarev. Vest. Mosk. un. Ser. 7 Filol., zhur 16 no. 1: 65-71 Ja-F '61.

OITER
(see also subdivision under Laksk District, Daghestan; Latvia; Sverdlovsk Province)
Average weight of the thyroid gland as a criterion on the presence and degree of endemic hyperplasia of the thyroid gland and a method for its determination M E. Skatkov Probl endok i gorm 7 no 2 95-97 Mr-Ap '61.
Causes of recurrent goiter, features of the operation, and prevention I. A. Agafonov. Khirurgiia 37 no. 5: 88-93 My '61.
Hashimoto's lymphoid goiter. A. V. Agiashev Khirurgiia 37 no. 5:127-128 My '61.
Retrosternal anesthesia and local potentiated anesthesia in surgery for thyrotoxic goiter. L. E. Ponomarev. Akt. vop. obezbol. no. 2:195-202 '59.
Studies on goitrous thyroid glands for iodine and bromine content E S Turetskaia. Probl. endok. i gorm 7 no 2 75-80 Mr-Ap '61.
Study of the serum proteins by the method of paper electrophoresis in patients with endemic goiter and echinococcosis. I. K. Akhundov, IU. A. Volokh Khirurgiia 37 no. 5:79-81 My '61.
Supernumerary restrosternal goiter removed by the transbipleural approach. L B Oleshkevich, V. S Bachenov. Khirurgiia 37 no 5:124-125 My '61.
Trace element concentration in foodstuffs as related to the distribution of endemic goiter. E. T. Zemliantskaia. Trudy Biogeokhim. lab. no. 11:132-133 '60.

OLD
Recombinations on gold atoms in p-type germanium. V. G. Alekseeva, I. V. Karpova, S. G. Kalashnikov. Fiz. tver. tela 3 no. 3,964-971 Mr '61.

OLD-MANGANESE ALLOYS—MAGNETIC PROPERTIES
Hall effect in the $MnAu_2$ metamagnetic alloy. A. I. Kartsovskii, V. I. Nikolaev. Fiz. met. i metalloved. 11 no.4:519-524 Ap '61.

OLD MINERS see subdivision under Aldan District

OLD MINES AND MINING—HYGIENIC ASPECTS see subdivision under Kazakhstan

OLD MINES AND MINING—SAFETY MEASURES see subdivision under Berezovskiy

OLD ORES
(see also subdivision under Altai Mountain region; Altai Mountains; Chukchi Range region; Kuznetsk Ala-Tau; Siberia; Tomsk region; Verkhoyansk Range region)
Unused reserves. G. V. Foss. Razved. i okh. nedr 27 no. 4:24-26 Ap '61.

GOLD PLATING
Thick gold plating. N. A. Smagunova. Priborostroenie no. 5 21-22 My '61

GOLDS
Sem, IU. A. [Organization and decay of the Nanaitsy tribal system] Rodovala organizatsiia nanaitsev i ee raziozhenie. Vladivostok, Akad. nauk SSSR, Sibirskoe otd-nie Dal'nevostochnyi filial im. V. L. Komarova, 1959. 30 p.

GOLODNAYA STEPPE—COTTON GROWING
Reclamation of virgin lands of the Golodnaya Steppe. Kh M. Dzhalilov Izv AN UZ. SSR no 10 3-9 '55

GOLODNAYA STEPPE—DESCRIPTION AND TRAVEL
Report on the Golodnaya Steppe ("A plain under the sun" by V. Il'inskii. Reviewed by O. Kudenko). Sov. radio i tel 8 no. 4 38 '59.

GOLODNAYA STEPPE—ENGINEERING GEOLOGY
Engineering geology zonation of the Golodnaya Steppe for irrigation purposes V. G Gofurov Uzb geol. zhur no 2 12-17 '61

GOLODNAYA STEPPE—IRRIGATION
Irrigation of the Golodnaya Steppe and research problems connected with it R A Alimov Izv AN UZ SSR no. 11 3-9 '56.
Use of mineralized (drainage and underground) waters for farm crop irrigation in the Golodnaya Steppe A S Dudkin Trudy SANIRI no. 106:9-14 '60

GOLOSIYEVKA—PARKS
Experimental design of a park forest to be called the "Golosiyevka Forest." I. D. Rodichkin. Visnyk ABIA URSR no. 1:55-56 '61.

GOLOVIN, ALEKSANDR IAKOVLEVICH, 1863-1930
"Aleksandr IAkovlevich Golovin Meetings and impressions, letters, reminiscences on Golovin" Reviewed by V Stol'nats Sov. muz 25 no 5 189 My '61

GOLOVIN, IVAN GAVRILOVICH, b. 1616
This play on Cuba was written a hundred years ago N. Zhdanova. Teatr 22 no. 5:186 My '61.

GOMEL'—ELECTRIC WELDING
Comrade's helping hand. R. Kozlova. Sov. profsoiuzy 17 no. 11,7-9 Je '61.

GOMEL'—KINDERGARTEN
Educational role of games in kindergartens E. Bakaslavskaia. Nar. asv no. 2:39-43 F '61.

GOMEL'—SOCIALIST COMPETITION
Comrade's helping hand. R. Kozlova. Sov. profsoiuzy 17 no. 11 7-9 Je '61.

GOMEL' PROVINCE—KINDERGARTEN
Each collective farm should have its institution for preschool children. N. Saukina. Nar. asv. no. 4:69-73 Ap '61.

GOMEL' PROVINCE—MEDICAL PERSONNEL
Work with medical personnel. L M. Kasim, P. M. Nudnov. Zdrav. Belor. 6 no. 4:38-39 Ap '60.

GOMEL' PROVINCE—RAILROADS—EMPLOYEES
The track is clear! M. Zhura. Rab. i sial. 36 no. 4:19 Ap '60.

GOMEL' PROVINCE—SKIN—CANCER
Incidence of skin cancer and its treatment, (according to material from the Gomel Province Oncological Clinic for the period 1953-1957). N. F Gavrilenko. Vop. onk 7 no. 2:82-85 '61.

GONADOTROPIN
Chemical composition and physicochemical properties of gonadotropic hormones [with summary in English] A. I Minkina, O. E. Dubov Biokhimiia 25 no 2 264-272 Mr-Ap '60.

GONIOSCOPY
Gonioscopy in diseases of the vascular tract [with summary in English]. R. A. Gundorova. Oft. zhur. 16 no. 3:179-181 '61.

GONORRHEA
Bicillin-3 therapy of female patients with gonorrhea. V N. Shakhovtsova. Vest derm. i ven. 35 no 4:67-68 Ap '61.
Tetracycline in the treatment of gonorrhea in males. A. M. Golosovker. Vest. derm. i ven. 35 no. 4:52-55 Ap '61.
Therapeutic value of bicillin-3 in the treatment of acute uncomplicated gonorrhea in males. A. E. Zakharov, M. I Polilov. Vest. derm. i ven. 35 no. 4:66 Ap '61

GOOSEBERRIES
Northern grape. B. A. Bykov. Priroda 50 no. 5:122 My '61.

GORBUNOV, NIKOLAI KSENOFONTOVICH, 1906-1958
A fine talent ("Minutes of life" by Nikolai Gorbunov. Reviewed by I. Fradkin). Moskva 4 no. 3:196-197 '60.

GORKI LENINSKIYE—ECONOMIC CONDITIONS
In Gorki Leninskiye. V. Elagin. Nauka i zhizn' 27 no. 4: 29-33 Ap '60.

GOR'KII, MAKSIM, 1868-1936
Akademiia nauk SSSR. Institut mirovoi literatury. [Chronicle of the life and works of A. M. Gor'kii]
Letopis' zhizni i tvorchestva A. M. Gor'kogo. Moskva. No.4. 1930-1936. 1960. 721 p.
Artistic legacy of a great writer. V. Shcherbina. V mire knig 1 no.1:25-26 Ja '61.
From recollections. N. Barenin. Sov. muz. 25 no. 6: 123-124 Je '61.
Golovina, S. A., N. F. Koltskaia, and T. G. Rzhepetskaia, comps. [A. M. Gor'kii in Soviet fine arts; painting, sculpture, drawing] A. M. Gor'kii v sovetskom izobrazitel'nom iskusstve. Zhivopis', skul'ptura, grafika. Moskva, Sovetskii khudozhnik, 1960. 132 p. plates
(MH)
Gor'kii and Korolenko. IE. IU. Sokrutenko. Rad. lit. 5 no. 3:66-75 My-Je '61.
Gor'kii's pamphlets in the satiric journals "Zhalo", "Zhupel", and "Adskaia pochta" IU I Makarova Uch zap MGPI 97 37-50 '59
How the opera "Mother" originated. Sov. muz. 25 no. 6:120-122 Je '61.
Letters written by A. M. Gor'kii to E. I. Przhetslavskaia. Moskva 4 no. 3,206 '60.
"The literary craftsmanship of M. Gor'kii." Reviewed by O. Kostylev. Zvezda no. 3:214 Mr '61.
M Gor'kii's book "Notes from a diary; reminiscences" E. B Tager Uch zap MGPI 97 19-36 '59
"M. Gor'kii's literary work and folklore" by M. F. Matvichuk. Reviewed by O. Mordvyntsev. Nar tvorch. ia etn. 5 no 1 133-136 Ja-F '61.
Meetings with Gor'kii. G. Ginzburg. Sov. muz. 25 no. 6 124-127 Je '61.
Osmanova, Z. G. [M. Gor'kii and the literature of Iran] M. Gor'kii i literatura Irana. Moskva, Izd-vo vostochnoi lit-ry, 1961. 127 p.
Our Gor'kii. A. Ovcharenko. Kommunist 38 no. 9:39-47 Je '61.
Works of A. M. Gor'kii translated into Azerbaijani [in Azerbaijani with summary in Russian]. A. Almamedov. Trudy API 7:120-126 '59.

GOR'KII, MAKSIM, 1868-1936—BIBLIOGRAPHY see Bibliography—Gor'kii, Maksim, 1868-1936

GOR'KII, MAKSIM, 1868-1936—HOMES AND HAUNTS
Visiting Gor'kii's home. R. Aleksandrov. Sov. muz. 25 no. 6:128-129 Je '61.

GORKIY—CARGO HANDLING
Gorkiy longshoremen will fulfill their obligations. V. Pavlov. Rech. transp. 20 no. 5:39-40 My '61.
Mechanization of loading and unloading operations at the Gorkiy docks. Z Sherle. Rech. transp 19 no 2 15 F '60

GORKIY—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
In residential blocks. S. Sokolov. Part zhizn' no. 13: 39-41 Jl '61.

GORKIY—DEPARTMENT STORES
Where it is more difficult. Sov. torg. 33 no. 4:36-37 Ap '60.

GORKIY—EDUCATION, HIGHER
New tasks of the new school year. A. Golubev. Komsom. zhizn' no. 18:20-24 S '60.

GORKIY—ELECTRIC CRANES
Unloading stone in the Gorkiy docks using double-jaw grabs M. Terent'ev, K Sokolovskii. Rech. transp. 19 no. 2,42-43 F '60.

GORKIY—GROCERY TRADE
Coauthors of work fame. A. Markushevich. Sov. torg. 33 no. 4:30-33 Ap '60.

GORKIY—HARBORS
Loading and unloading of pig iron in the Gorkiy harbor. Rech. transp. 20 no. 5:36-37 My '61.

GORKIY—MEDICAL MUSEUMS
Work of a museum of regional history (Nizhniy Novgorod medicine) V. I Dmitrieva Sov. zdrav. 20 no 2: 93-94 '61.

GORKIY—MOTOR VEHICLES—PAINTING
Automation of the drying of coatings at the Gorkiy Automobile Plant. M. I. TSyrlina, V. A. Gurevich. Mashinostroitel' no. 5:19-20 My '61

GORKIY—PEDIATRICS
Experience of the Gor'kii Pediatric Research Institute in practical aid to public health organizations. N. P. Zhukova, N. B. Shakhova. Sov. zdrav 20 no 5 23-26 '61

GORKIY PROVINCE—AGRICULTURE—EXPERIMENTATION
New trends in experimentation. V. Krishtafovich. Nar. obr. no. 5 36-38 My '61.

GORKIY PROVINCE—AGRICULTURE—STUDY AND TEACHING

Maturity examination. M. Gedyma, B. Nikitin. Komsom zhizn' no. 5 13-15 Mr '60.

GORKIY PROVINCE—OFFICIALS AND EMPLOYEES

Meet our employees! M. Karpovich. Sov. deput. trud. no. 6 43-50 Je '60.

GORKIY PROVINCE—PUBLIC HEALTH SOCIETIES

Problems solved and unsolved. I. I. Bel'nev. Gig. i san. 25 no. 7 108-109 Jl '60.

GORKIY PROVINCE—SOCIAL GROUP WORK

Meet our employees! M. Karpovich. Sov. deput. trud. no. 6 43-50 Je '60.

GORKIY PROVINCE—SOCIOLOGY, RURAL

Some characteristics of rural distribution of population in Gorkiy Province. B. S. Khorev. Vest. Mosk. un. Ser. 5 Geog. 15 no. 1 31-37 My-Je '61.

GORKIY PROVINCE—STUDENT ACTIVITIES

New tasks of the new school year. A. Golubev. Komsom. zhizn' no. 18 20-21 S '60.

GORNAYA SHORIYA—MANGANESE ORES

Correlation between components of manganese ores in Gornaya Shoriya deposits. P. I. Raiskii. Izv. vys. ucheb. zav.; geol. i razv. no. 9 55-63 '59.

GORNAYA SHORIYA—MINERALOGY

Mineralogy and formation conditions of contact metasomatic rocks and ores of the Usa area of Gornaya Shoriya. V. K. Chikirakov. Uch. zap. TGU no. 86 91-113 '60.

GORNAYA SHORIYA—PHOSPHORITES

Phosphorite-bearing area in Gornaya Shoriya. A. N. Sukharina, A. I. Sa'khin, G. I. Spandrashvili. Razved. i okh. nedr. 27 no. 2 10-17 F '61.

GORODENKA DISTRICT—AMATEUR ART ACTIVITIES

Experience, suggestions, and requirements. S. Sinko. Sots. kul't. 11 no. 5 25-26 My '61.

GORODETS (GORKIY PROVINCE)—SHIPS—MAINTENANCE AND REPAIR

Explorers of the future. P. Vyshkind, B. Pozdnin. Rech. transp. 20 no. 5 11-14 My '61.

GORODSKIY DISTRICT—AGRICULTURE

Persons of our life. Kost' Prokhorenko. Nauka i zhyttia 11 no. 4 29-32 Ap '61.

GOUT see subdivision under Armenia

GOVERNMENT OWNERSHIP

Redemption of the means of production. T. Bul'ba, V. Shaballin. Polit. samoobr. 5 no. 5;68-71 My '61.

Works councils and the beginning of the nationalization of Orel Government industry, from November 1917 to June 1918. Z. V. Terleeva. Uch. zap. Lip. gos. ped. inst. 2:30-58 '58.

GRACH, EDUARD

Performances of violinists. Mikhail Likhtengol'ts, Sov. muz. 25 no. 5 117-118 My '61.

GRADING AND MARKING (STUDENTS)

Current testing of students knowledge. G. S. Konstantopulo. Sred. spets. obr. 8 no. 5 6-11 My '61.

Davilov, M. A. [Educational process in Soviet schools] Protsess obucheniia v sovetskoi shkole. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 299 p.

How to grade students' knowledge. O. Shevchenko. Nar. obr., no. 5 59 My '61.

GRAFF, VIKTOR EGOROVICH, 1819-1867

Viktor Egorovich Graff, on the 140th anniversary of his birth. P. I. Voichal'. Izv. vys. ucheb. zav., les. zhur. 3 no. 1 173-174 '60.

GRAFTING

Accelerating the development of grafted biennial vegetables [with summary in English]. V. I. Razumov. Trudy po prikl. bot., gen. i sel. 32 no. 3;87-96 '59.

Activity of respiratory enzymes and the amount of ascorbic acid in plant tissues in grafting. V. T. Poda-Chikalenko. Uch. zap. TGU no. 36;252-268 '60.

Early and late grafting of pine under field conditions. E. P. Prokazin. Les. khoz. 14 no. 6;63 Je '61.

Grafting oak. A. F. Zarubin. Les. khoz. 14 no. 6;64 Je '61.

Grafting pine and oak with the help of rubber nipples. V. V. Ievlev. Les. khoz. 14 no. 6;65 Je '61.

Grafting pine in Latvian forest working circles. J. J. Gailis. Les. khoz. 14 no. 6;63-64 Je '61.

Increase in the amount of dry matter, sugars, pigments, and enzymes in grafted carrot plants. I. N. Sagaidak. Dokl. AN SSSR 136 no. 1;237-240 Ja '61.

Speeding up the fruiting of sweet cherry seedlings. O. I. Berendi. Vinnyi sil'skogo nauk. 4 no. 1 51-57 Ap '61.

Vegetative hybridization of radishes. P. F. Kononkov. Agrobiologiia no. 3 458-461 My-Je '61.

GRAFTING OF SKIN see Skin grafting

GRAFTIO, GINRIKH OSIPOVICH, 1869-1919

Memorial plaque honoring G. O. Graftio. Z. A. Filimonov, V. N. Shvetsov. Med. sest. 18 no. 1 87-89 '60.

GRAIN

(see also subdivision under Orenburg Province, Virgin Territory)

Dorfman, M. Kh. [Pneumatic transportation of grain and cereal products] Pnevmaticheskii transport zerna i produktov ego obrabotki. Moskva, Izd-vo tekhn. i ekon. lit-ry po voprosam khleboproduktov, 1960. 231 p.

Effect of some hydrogen carriers on grain growth. K. P. Petrov. Izv. vys. ucheb. zav., pishch. tekh. no. 2 27-32 '61.

Ivanov, N. V. [Possibilities for increasing grain production in the U. S. S. R.] Rezervy uvelicheniia proizvodstva zerna v SSSR. Moskva, Izd-vo VPShA i AON pri TsK KPSS, 1960. 56 p.
(DA)

Mishustin, E. N., and L. A. Trigvadze. [Microbiology of grain and flour] Mikrobiologiia zerna i muki. Moskva, Izd-vo tekhn. i ekon. lit-ry po voprosam khleboproduktov, 1960. 406 p.

The non-Chernozem zone will become an important grain-producing region [with summaries in English, German, and French]. E. T. Varentsova. Vest. sel'khoz. nauki 6 no. 5 3-9 My '61.

Production of grain in the U. S. S. R. E. D. Kazakov. Izv. vys. ucheb. zav., pishch. tekh. no. 2 7-26 '61.

Some features of the metabolism of winter grains during the hardening and wintering period. O. I. Mosenova. Uch. zap. TGU no. 46 219-226 '60.

GRAIN—DRYING

Combine with a grain dryer. I. Evdokimenko. Tekh. mol. 29 no. 4 38 Ap '61.

Drying grain on the S-4 combine. D. V. Kamshylov. Mekh. sil'. hosp. 12 no. 6 17-18 Je '61.

Skorovarov, M. A. [Grain drying] Rezhimy sushki zerna. Pod red. B. V. Dammana. Moskva, Izd-vo tekhn. i ekon. lit-ry po voprosam khleboproduktov, 1959. 61 p.
(DA)

Small mobile grain dryer. G. D. Khonoglian. Tekh. mol. 29 no. 4 16 Ap '61.

GRAIN—FERTILIZERS AND MANURES see subdivision under Ukraine

GRAIN—HARVESTING

Continuous harvesting of grain. I. T. Nikitenko and others. Mekh. sil'. hosp. 12 no. 6;5-6 Je '61.

Investigating the operating speed of the loader in harvesting low and spotty grain by stages. M. G. Vasilievich. Trudy MIMESKH 6,269-279 '59.

Operating ZhRB-4,9 reapers at increased speed. V. K. Kryvosheiev, A. N. Donin. Mekh. sil'. hosp. 12 no. 6;8-9 Je '61.

Shefer, A. S. [My experience in harvesting] Moi opyt uborki urozhaia. [Novosibirsk] Novosibirskoe knizhnoe izd-vo, 1960. 20 p.
(DA)

GRAIN—TRANSPORTATION

(see also subdivision under Moscow)

Rates for grain transportation in the Old-Trans Baikal. L. Fedeseev. Rech. transp. 18 no. 9;9-10 S '60.

Suspended shifting boards. E. Gusev. Mor. flot 21 no. 5 12 My '61.

GRAIN BREEDING see subdivision under Ukraine

GRAIN HANDLING

Density alteration of wheat in its hydrothermal treatment. E. D. Kazakov, I. A. Sakharova. Izv. vys. ucheb. zav., pishch. tekh. no. 2;79-82 '61.

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. [Improving the organization of grain transportation] Ratsionalizatsiia perevozok khlebnykh gruzov. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soob., 1960. 134 p. (Trudy, no. 200)

GRAIN-HANDLING MACHINERY

Expediency of using capron in the tricot disk manufacture. N. IA. Kestel'man, L. I. Kotliar. Izv. vys. ucheb. zav., pishch. tekh. no. 2;108-113 '61.

GRAIN MILLING

Intensification of the grain milling process in a roller mill. G. D. Gal'perin, L. I. Kotliar. Izv. vys. ucheb. zav., pishch. tekh. no. 2;88-98 '61.

GRAIN PRODUCTS see Cereal products

GRAIN TRADE see subdivision under Azerbaijan

GRAIN TRADE—EQUIPMENT AND SUPPLIES

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 59-57 for checking liter-size grain testers] Instruktsiia 59-57 po poverke rabochikh litrovykh purok. Izd. ofitsial'noe. Moskva, 1958. 7 p.

GRAINING

Experiment in the imitation of valuable wood species. A. F. Tinoshin, N. B. Smirnova. Der. prom. 10 no. 3; 20 Mr '61.

GRAMICIDIN

Determining the antibacterial activity of gramicidin by agar diffusion. G. V. Kochetkova, L. S. Novikova. Antibiotiki 5 no. 1 20-23 Ja-F '60.

GRANITE

(see also subdivision under Ainsworth Bay, Antarctica, Aldan Plateau, Altai Mountains, Glacier Range, Kalba Range, Ukraine)

Beryllium distribution in granite [with summary in English]. A. A. Beus. Geokhimiia no. 5 415-419 '61.

Formation of the granite layer of the earth's crust [with summary in English]. I. N. Tinotkh, A. IA. Gal'dyeva-Ushakova. Geokhimiia no. 3 293-307 '61.

Some data on accessory minerals of granitoids. V. V. Ilatkevich, V. I. Nomokonova, A. D. Chervonenkaia. Trudy Inst. min., geokhim. i kristallokhim. red. elem. no. 3;101-116 '59.

GRANODIORITE see subdivision under Kuzama Range, Transbaikalia

GRANOVSKII, TIMOFEI NIKOLAEVICH, 1813-1855

How Granovskii struggled against the Slavophiles. I. A. Ushakova. Uch. zap. TGU no. 41 191-197 '59.

T. N. Granovskii Archives. S. V. Asinovskaia. Zap. Otd. rukop. no. 21 3-37 '59.

GRANULAR LIDS see Conjunctivitis, Granular

GRANULAR MATERIALS

Considerations on the behavior of powder-like materials in blast furnaces. Z. I. Nekrasov. Trudy Inst. chern. met. Akad. SR USSR 13 3-16 '60.

Heat transfer from the fluidized bed of granular materials to the surface of heat exchange. D. G. Tsabek, V. B. Sarkits, I. P. Mukhlenov. Zhur. prikl. khim. 34 no. 10;2197-2205 O '60.

Heat transfer from the fluidized bed of granular materials to the surface of heat exchange. I. P. Mukhlenov, D. G. Tsabek, V. B. Sarkits. Zhur. prikl. khim. 33 no. 10;2206-2212 O '60.

Pressure control of the flow of loose material. P. N. Platonov. Izv. vys. ucheb. zav., pishch. tekh. no. 2;152-156 '61.

Restoration of friability to frozen materials. A. P. Vladimirov, E. IU. Brainina. Mekh. strol. 18 no. 3; 11-13 Mr '61.

GRAPE CULTURE see Viticulture

GRAPES

(see also subdivision under Uzbekistan)

Sugars and free amino acids during the maturation and dormancy of the grapevine [with summary in English]. K. D. Stoev, P. T. Mamarov, I. B. Benchev. Fiziol. rast. 7 no. 2;145-150 '60.

GRAPES—FERTILIZERS AND MANURES

Effect of the trace elements nickel on some physiological and biochemical properties of grapes. O. K. Dobrolubova, A. V. Slavko. Fiziol. rast. 8 no. 4;365-368 '61.

GRAPHIC ARTS, PUERTO RICAN—EXHIBITIONS see subdivision under Moscow

GRAPHITE

Behavior of graphite in the stackings of nuclear reactors. V. M. Klimenkov. Atom. energ. 10 no. 5 447-460 My '61.

Properties and structure of highly dispersed carbon-graphite materials based on the composition carbon black - wood charcoal - pitch. I. V. Temkin. Zhur. prikl. khim. 34 no. 10;2310-2311 O '60.

Protection of carbon and graphite from oxidation at temperatures up to 1200°. M. V. Sazonova, A. IA. Sitnikova, A. A. Appen. Zhur. prikl. khim. 34 no. 3;505-512 Mr '61.

GRASSES

Effect of stratification on the emergence of slowly germinating wild grass seeds. A. M. Ovesnov. Biul. Glav. bot. sada no. 39 18-54 '60.

GRASSES—DISEASES AND PESTS

Aphid fauna of grain fields in Azerbaijan. N. V. Rusanova. Uch. zap. AGU Biol. ser. no. 1 25-29 '60.

Bacterial leaf spot of sorghum, Sudan grass, and millet. I. V. Voronkevich, U. Sh. Fakhrutdinova. Nauch. dokl. vys. shkoly, biol. nauki no. 2 191-197 '61.

GRAVEL

Acoustic properties of gravel. Z. N. Naumenko. Prom. aerodin. no. 18 12-20 '60.

Determining shear resistance of gravelly soils. S. S. Bushkanets. Izv. VNIIG 65;225-227 '60.

AVES' DISEASE
ome data on the problem of psychoses in Basedow's disease [with summary in French] I.A. Aptman, F.A. Arenshtein Zhur. nevr. i psikh. 60 no. 3 344-349 '60

AVIMETRY
(see also subdivision under Antarctic regions, Laz arev region, Antarctica)
stimating the accuracy of gravimetric connections by the use of I.D. Bulanzhe's formulas L.A. Bogarskii Izv. vys. ucheb. zav., geod. i aerof. no. 6 45-51 '60

RAVITATION
Periodic motion of a particle in the gravitational field of a slowly rotating body. V.G. Demin, I.P. Alekseev. Vest. Mosk. un. Ser. 3 Fiz., astron. 15 no. 6 87-92 N-D '60

RAVITY
(see also subdivision under Lutzow-Holm Bay, Uzbekistan)
Correlative interpretation of the highest derivatives of two-dimensional potential fields. M.G. Serbulenko. Geol. i geofiz. no. 4 109-110 '61.

RAZING
Effect of grazing on the vegetation of alpine steppes in the Aksu-Dzhabagly Preserve. N. Kh. Karmysheva. Trudy Inst. bot. AN Kazakh. SSR 10:61-84 '61.

REARSON HILLS, ANTARCTICA—PETROLOGY
Rocks of Grearson Hills and Windmill Islands (Grearson Oasis). M.G. Ravich. Trudy NIIGA 113 53-81 '60.

REAT BRITAIN—BALLET
National ballet troupe of England. Mary Clark. Sov. muz. 25 no. 6 151 Je '61.

REAT BRITAIN—BRIDGES, CONCRETE
Prestressed spans for a city overpass. I.E. TSimberg. Transp. stroi. 11 no. 1 55-56 Ap '61

REAT BRITAIN—BUDGET
Armament race at the expense of the workers. B. Mikharlov. Mezhdunar. zhizn' 8 no. 6 115-117 Je '61.

REAT BRITAIN—BUTYL RUBBER
Symposium on butyl rubber in London (from "Rubber Journal," no. 18, 1960). Kauch. i rez. 20 no. 5 63-64 My '61

REAT BRITAIN—COLONIES—AFRICA see Africa—British colonies

REAT BRITAIN—COMMERCE
The Anglo-American struggle for markets. O. Bogdanov. Mir. ekon. i mezhdunar. otn. no. 6 131-138 Je '61

REAT BRITAIN—CONSTRUCTION INDUSTRY
Building in mine areas in England. V.M. Gorodnichev. Visnyk ABIA URSR no. 1 63-65 '61.

REAT BRITAIN—CONTRACTS, MARITIME
Riumina, L.A. [Contracts for maritime transportation of freight according to English law] Dogovor morskoi perevozki po angliiskomu pravu. Moskva, Izd-vo "Morskoi transport," 1961. 34 p.

REAT BRITAIN—DEFENSES
Zigzags of British policy. Nov. vrem. 19 no. 21:2-3 My '61.

GREAT BRITAIN—DRYING APPARATUS—TEXTILE FABRICS
British drying machines. Tekst. prom. 20 no. 3 88-89 Mr '60.

JCATION
...ngogies and ..., 1780-1870" Saltinova)

GREAT BRITAIN—HISTORIOGRAPHY
Present-day English and American bourgeois studies on the Great October Revolution and the civil war in Turkestan. G.A. Shkliarov. Ist. SSSR 5 no. 3 198-219 My-Je '61.

GREAT BRITAIN—HISTORY
Struggling parties of big English landowners in the 1150's: the political program of the Yorkists. E.V. Kuznetsov. Uch. zap. GGU no. 46 123-141 '59

GREAT BRITAIN—LABOR AND LABORING CLASSES
English workers' standard of living in the 1860's. A.M. Shapiro. Uch. zap. SGU 66 252-263 '58

GREAT BRITAIN—LABOR PARTY
Shift to the left in the labor movement of Great Britain. V. Peschanskii. Mir. ekon. i mezhdunar. otn. no. 6 112-116 Je '61.

GREAT BRITAIN—LIABILITY (LAW)
Egorov, K.F. [Liability for the maritime transportation of freight according to English law] Otvetstvennost' morskogo perevozchika za gruz po angliiskomu pravu. Moskva, Izd-vo "Morskoi transport," 1961. 119 p.

GREAT BRITAIN—MANORS
The Wiltshire manors of Philip, the first earl of Pembroke and Montgomery, according to the surveys of 1631-1632. S.I. Arkhangel'skii. Uch. zap. GGU no. 46 159-178 '59

GREAT BRITAIN—MARITIME LAW
Egorov, K.F. [Liability for the maritime transportation of freight according to English law] Otvetstvennost' morskogo perevozchika za gruz po angliiskomu pravu. Moskva, Izd-vo "Morskoi transport," 1961. 119 p.

GREAT BRITAIN—PIPE MILLS
Production in England of thin-walled seamless tubes [with summary in English]. Iu.M. Matveev, I.A. Osada. Stal' 21 no. 5 429-436 My '61

GREAT BRITAIN—RELATIONS (GENERAL) WITH RUSSIA
Toward broader cooperation. V. Emel'ianov. Nov. vrem. 19 no. 24 6-7 Je '61.

GREAT BRITAIN—SOCIALIST PARTIES
The establishment and split of the Social Democratic Federation of Britain. Z.M. Rankin. Nov. i noveish. ist. no. 3 97-108 '61

"Socialism" of the Fabian Society in the 1880's and 1890's as a manifestation of the opportunist views of English labor aristocracy. B.D. Dairshev. Uch. zap. Kazakh. un. 47:39-50 '60.

GREAT BRITAIN—SPIRITUALISM
Ghosts. Volov. ateist. no. 5 61 My '61.

GREAT BRITAIN—TECHNICAL EDUCATION
Institutions of higher technical learning in England. Izv. vys. ucheb. zav., radiotekh. 4 no. 2 242-236 Mr-Ap '61

GREAT BRITAIN—UNEMPLOYED
Facts about unemployment. Politi. samoobr. 5 no. 6 112-114 Je '61.

GREAT BRITAIN—WELDING
Welding techniques in Great Britain. V.L. Paton, I.K. Pokhodnia. Avtom. svar. 14 no. 6 75-82 Je '61.

GREAT BRITAIN—YACHTS AND YACHTING
Motor yacht built of glass fibers and synthetic rubber (from "Hansa," no. 10/11, Mar. '59). N. Ivanova. Rech. transp. 19 no. 3 3 of cover Mr '60.

GREECE—GEOGRAPHY
Geography in Greece. G.D. Kulagin. Izv. AN SSSR. Ser. geog. no. 3 125 My-Je '61.

GREECE—HISTORY
Continuity of the social system in the Mycenaean and Homeric periods of Greek history. F. Papazoglou. Vest. drev. ist. no. 1 23-41 '61.

GREECE—HISTORY—BIBLIOGRAPHY
Akademiia nauk SSSR. Institut istorii. [Ancient Greece and ancient Rome; a bibliographical index of Russian publications from 1895 to 1959] Drevniaia Gretsiia i ...revniĭ Rim; bibliograficheskii ukazatel' izdanii, ...shedshikh v SSSR, 1895-1959 gg. Sost. A.I. Vol...kov. ...oskva, 1961. 522 p.

...CE—STUDENTS' SOCIETIES
...ap maneuver. Vsem stud. nov. 15 no. 2 24 F '61.

...CE—THEATER
...es of the Greek theater. D.S. Tenn 22 no. 5 186-188 ...y '61.

...K LITERATURE, HELLENISTIC
...rophecies of the Hellenic wise men" and their portray... in Russian painting of the 16th and 17th century. N.A. ...azakova. Trudy ODRL 17 350-368 '61.

GREEN MANURING
Effect of green manure on humus and nitrogen concentration in turf-Podzolic soils [with summary in English] I.V. Tiurin, V.K. Mikhnovskii. Izv. AN SSSR. Ser. biol. no. 3 447-451 My-Je '61.

GREISEN
Greisenized granite bosses in the Altai. A.N. Leont'ev, T.P. Bolko. Trudy Inst. min. geokhim. i kristallokhim. r.d. elem. no. 3 180-191 '59.

GRIEG, EDVARD HAGERUP, 1843-1907
From recollections. N. Burenin. Sov. muz. 25 no. 6: 123-124 Je '61.

GRIEVANCE PROCEDURES see subdivision under Kharkov Province

GRINDING AND POLISHING
Abrasive machining of hard alloy plates and tools on flat-surface grinding machines. A.P. Chernousenko. Mashinostroitel' no. 5 29-30 My '60.

Automatic control of the precision of dimensions in centerless grinding. S.S. Vologev, G.B. Turbin. Izm. tekh. no. 5,7-9 My '60

Grinding steatite ceramics. K.F. Romanov, I.G. Grinchenko. Stan. i instr. 31 no. 5 31-33 My '60.

Profile grinding. V.E. Chernyshov. Biul. tekh.-ekon. inform. no. 4 35-41 '61

Work of cutting resulting from grinding metals. Zh.A. Bagdasarian. Sbor. nauch. trud. ERPI no. 20 99-107 '59.

GRINDING MACHINES
(see also subdivision under Great Britain)

Continuous running machine for lapping cutters. A.G. Storozhik, A.I. Matiash. Stan. i instr. 31 no. 5 33-34 My '60

Effect of the feed pressure of the machine on the efficiency of grinding. N.P. Lebedinskii. Avt. prom. 27 no. 5 43-44 My '61.

Second profession for the dentist's drill. E. Gokhman. Tekh. mol. 29 no. 5 33 '61.

Semiautomatic machine for grinding scissors. M.N. Konnikov, I.D. Menitskii. Mashinostroitel' no. 5 11 My '60.

GRINDING MACHINES—ATTACHMENTS
Attachment for grinding grooves on spherical surfaces. V.A. Timofeev. Mashinostroitel' no. 5 24 My '60.

GRISHIN, VLADIMIR
"Distances"; verse by Vladimir Grishin. Reviewed by Zel. Shteinman. Zvezda no. 3 212 Mr '61.

GRISTLE see Cartilage

GROCERY TRADE see subdivision under Gorkiy, Kharkov

GRODNO—ADULT EDUCATION
The party should show concern for the education of adults. E. Pmiat'lanava. Nar. asv. no. 1 9-12 Ja '61

GRODNO—COLLEGE AND SCHOOL PERIODICALS
How we produce a satirical slide newspaper. R.V. Kiyleva. Sred. spets. obr. 8 no. 5 46-47 My '61.

GRODNO—EDUCATION, COOPERATIVE
Our guests. U. Baran. Nar. asv. no. 1 17-23 Ja '61.

GRODNO PROVINCE—RETAIL TRADE
Goods are delivered by traveling salesmen. A. Zabolotin. Sov. potreb. kuop. 4 no. 4 37 Ap '60.

GRORUDITE see subdivision under Khorinsk region

GROUND CUSHION PHENOMENON see subdivision under Germany, West

GROUND-EFFECT MACHINES
On an air cushion. V. Azernikov. Nauka i zhizn' 28 no. 4 65-66 Ap '61.

GROUP READING
Book and music lovers' club. Lora Piirsalu. Sov. knizh. torg. 13 no. 4 15 Ap '61

GROUPS, THEORY OF
Analogs of Silov's theorem on the inclusion of subgroups. S.A. Rusakov. Dokl. AN BSSR 5 no. 4 139-141 Ap '61.

Asymptotic behavior of Green's function for Sobolev-Gal'pern equations. B.R. Vainberg. Dokl. AN SSSR 138 no. 5 1015-1018 F '61

Boundary properties of functions from the $W^{l}_{\alpha,p}$ "weight" classes. S.V. Uspenskii. Dokl. AN SSSR 138 no. 4 785-788 Je '61.

Critical cases of Liapunov stability of stationary motions. L.M. Markhashov. Prikl. mat. i mekh. 25 no. 2 265-275 Mr-Ap '61

Generalized convergence and generalized compactness in ε-structures. M.L. Berlinkov. Mat. sbor. 53 no. 2 233-260 F '61.

Generalizing the group principle of duality. G.I. Kats. Dokl. AN SSSR 138 no. 2 275-278 My '61.

GROUPS, THEORY OF (Continued)
Groups in which all subgroups are cyclic M E. Zel'manov Usp mat. nauk 16 no 2 109-113 Mr-Ap '61
Insolubility of the elementary theory of finite groups A I Mal'tsev Dokl AN SSSR 138 no 4 771-774 Je '61
One speciality characteristic of nil-groups. V P Gromyko Dokl. AN SSSR 138 no. 2 261-262 My '61
Semigroups with certain structural types of subsemigroups. I. N Shevrin Dokl AN SSSR 138 no 4 786-788 Je '61
Unitary representations of nilpotent Lie groups. A. A. Kirillov Dokl. AN SSSR 138 no. 2 283-284 My '61.

GROUTING
Stabilizing sandy soils by grouting with vibration-ground cements I R Arabadzhian, A N Adamovich Izv. VNIIG 64:215-220 '60
Study of cement-loess cementation groutings. I. N. Paronian Izv VNIIG 65.191-201 '60
Study of the characteristics of injection groutings of vibration-ground cements I R Arabadzhian Izv VNIIG 65.171-189 '60.

GROWTH
Effect of epilim on the growth of young rats [with summary in English]. D. A. Kaidin, Farm. i toks. 24 no 1: 105-108 Ja-F '61
The Lee phenomenon. V. L. Briuzgin. Vop. fkh. no. 17 140-149 '61.

GROWTH (PLANTS)
Agrometeorological indices of the growth of corn established on the basis of the surface area of leaves. IU. I. Chirkov. Trudy TSIP no.107:35-43 '61.
Breeding aspen in the forest-steppe for fast growth, rot resistance, and wood quality S. P. Ivannikov [Trudy] VNIILM no 38 63-124 '59
Effect of antibiotics from higher plants on phytopathogenic fungi and the growth of plants K. T. Sukhorukov, M N Tolicva Biul Glav bot sada no 39 33-12 '60
Effect of moisture conditions on tryptophan synthesis and growth of leaves in wheat [with summary in English]. L. D. Prusakova. Fiziol. rast. 7 no. 2:170-180 '60.
Localization of the reaction to gibberellin in plants [with summary in English] G A Evtushenko. Fiziol rast 8 no 3,304-308 '61.

GROWTH PROMOTING SUBSTANCES
Effect of a growth promoting substance of petroleum origin on carbohydrate assimilability in the organism [in Azerbaijani with summary in Russian] G. A. Guseinov, S A Abdullaeva, Sh. A. Magerramov Uch. zap AGU, Biol ser. no 3 29-36 '60.
Effect of a growth promoting substance of petroleum origin on the development of microscopic fungi [in Azerbaijani with summary in Russian] G. S Kasimova Uch zap AGU Biol ser no. 1 3-10 '60
Effect of certain chemical and hormone and vitamin preparations on the rooting of cuttings and the growth of seedlings and transplants of woody plants [with summary in English]. T P. Odarych. Ukr. bot. zhur 18 no. 2 41-51 '61.
Effect of nucleic acids, adenine, and 2, 4-D on the growth of gladiolus tissue cultures [with summary in English] N A Satarova. Fiziol. rast. 8 no. 3,309-317 '61.
Effect of stimulating chemicals on the sprouting and yield of potatoes [with summary in English] V P Kirliukhin Fiziol rast. 8 no 3:298-303 '61.
Stimulation of plants. E. A. Stepanov. Fiziol. rast. 7 no. 2:237-239 '60.

GROWTH PROMOTING SUBSTANCES—BIBLIOGRAPHY see Bibliography—Growth promoting substances

GROZNYY—FIRE DEPARTMENTS
Groznyy firemen stand watch. V. Poludominskii. Pozh. delo 7 no. 5 16-18 My '61.

GROZNYY PROVINCE—GEOLOGY, STRATIGRAPHIC
Petrography of the Pliocene and upper Miocene sediments of the Groznyy oil-bearing area. N. P Kolpikov Trudy GNI no 21:83-102 '59.

GROZNYY PROVINCE—PETROLEUM GEOLOGY
Conditions for obtaining the largest cores from Maikop and Cretaceous sedimentations in the Groznyy oil fields B. D. Panov. Trudy GNI no. 21:136-143 '59

GROZNYY PROVINCE—PETROLEUM INDUSTRY
Without a technical council. L. Zakharov. NTO 3 no. 5: 42 My '61.

GUANIDINE
Methylation of dicyandiamide. A. E. Kretov, A. S. Bespalyi. Zhur. prikl. khim. 34 no. 3:621-625 Mr '61.

GUBDEN REGION—GEOLOGY, STRUCTURAL
Tectonics of the Gubden area (southern Daghestan). V. L. Galin. Trudy GNI no. 21:46-63 '59

GUBERNIEV, MIKHAIL ALEKSEEVICH, 1900-
On the 60th birthday of M. A. Gubernlev. Antibiotiki 5 no. 2:125 Mr-Ap '60.

GUDAITIS-GUZEVICIUS, A
Fate of a novel. Al. Less. V mire knig 1 no. 3:48 Mi '61.

GUERRIER, VLADIMIR IVANOVICH, 1837-1919
V. I Guerrier Archives K A Maikova Zap Otd ruk no 21 33-61 '59

GUIDED MISSILES
Short-range guided missile antiaircraft rifle. D Miloserdov, IU Fefilov. Voen vest. 40 no 10 119-121 O '60.

GUINEA—POLITICS AND GOVERNMENT
Tanin, S. [Governmental system of the Republic of Guinea] Gosudarstvennyi stroi Gvineiskoi Respubliki. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 48 p (Gosudarstvennyi stroi stran mira)

GUIZOTIA
Biology of the flowering and fruiting of Guizotia G S Kanovskaia Biul Glav bot. sada no 39 92-95 '60

GULYAY-POLE DISTRICT—CRIME PREVENTION
Our public gives help to public prosecutors. S. Linlov. Rad pravo no 2 92-94 Mr-Ap '60

GUMS—DISEASES
Carrying out a one-stage biological method for treating deep dental caries and pulpitis. P. S. Fradin. Stomatologiia 40 no 2 56-58 Mr-Ap '61.
Change in the tissues of the parodontium in periodontitis. Z. D. Komnova Stomatologiia 40 no. 1:20-21 Ja-F '61.
Copper content of the teeth under normal conditions and in alveolar pyorrhea. L. N. Nichivenko. Stomatologiia 40 no. 1 32-35 Ja-F '61
Development of a method for treating apical periodontitis. L. F. Oborin. Stomatologiia 40 no. 2:13-14 Mr-Ap '61.
Influence of age-related factors on morphological changes in the bones in the first stage of parodontosis. T. I. Lemetskaia. Stomatologiia 40 no 1 20-32 Ja-F '61.
Morphological changes in the parodontium under the action of the edge of artificial dental crowns. G. J. Pakalns Stomatologiia 40 no. 2.77-82 Mi-Ap '61.
Orthopedic treatment of parodontosis. G. G. Nasibullin. Stomatologiia 40 no. 1 80-81 Ja-F '61.
Treatment of periodontitis with antibiotics. P. V. Kudin and others. Stomatologiia 40 no. 1:25-26 Ja-F '61.
Treatment of pulpitis with antibiotics. A. I. Gasak-Zade. Stomatologiia 40 no. 2:11-13 Mr-Ap '61.

GUMS—INNERVATION
Condition of the nervous apparatus of the parodontium in Popov's phenomenon V. A. Ponomareva. Stomatologiia 40 no. 1 76-80 Ja-F '61.

GUMS AND RESINS
Breeding resiniferous forms of Scotch pine E P. Prokazin [Trudy] VNIILM no 38 125-136 '59
Disproportionation of rosin on fixed bed catalysts for the purpose of obtaining emulsifying agents used in the manufacture of butadiene-styrene rubbers. M. S Nemtsov, M I. Ryskin. Kauch. i rez. 20 no. 4.7-15 Ap '61.

GUNPOWDER
Inflammation rate of gunpowder in a loose shell [with summary in English]. N. N. Bakhman. Zhur. fiz. khim. 35 no. 4:848-849 Ap '61.

GUNS see Firearms

GUNSHOT WOUNDS
Fate of bone fragments following infliction of gunshot fractures of the femur [with English summary in insert]. V. F. Trubnikov. Ortop. travm. i protez. 22 no. 1.14-18 Ja '61.
Localization patterns and pathogenesis of gunshot injuries of the branchial plexus R A. Melerova. Vop neirokhir. 25 no. 3 35-38 My-Je '61

GUR'IANOV, EVGENII VASIL'EVICH, 1869-1960
E. V. Gur'ianov, obituary. Vop. psikhol. 6 no. 3:206 My-Je '60.

GUR'YEV PROVINCE—CONSTRUCTION INDUSTRY—FINANCE
Builders must work profitably. S. Bagaut'iants. Nar. khoz. Kazakh. 19 no. 5:25-28 My '61.

GYMNASTICS
Results of Soviet gymnasts' participation in the 17th Olympic games and measures for further development of gymnastics in the Soviet Union. Teor. i prak. fiz. kul'. 24 no. 5:389-391 '61.
The use of static and power exercises on rings for the physical training of gymnasts. A. A. Korobova, A. B. Plotkin. Teor. i prak. fiz. kul'. 24 no. 1:26-32 '61

GYMNASTICS, MEDICAL see Exercise therapy

GYNECOLOGY
Some data on the action of aminazine in obstetrical and gynecological practice. A. G. Logunova, V. S. Mykhailovs'kyi. Ped., akush. i gin. 22 no. 4:54-57 '60.

GYROCOMPASS
Accurate calculation of some parameters of gyrocompasses. D. R. Merkin. Izv. vys. ucheb. zav., prib. 3 no. 1:54-60 '60.
Effect of the magnetic field on the reading of a surveying gyrocompass. N. P. Tikhomirova. [Trudy] VNIMI no. 33.76-86 '58.
Fifty years of use of the gyrocompass in the Russian fleet. M. Blokh. Mor. flot 21 no 5:36-37 My '61.
Small surveying gyrocompass. V. A. Sinitsyn. [Trudy] VNIMI no. 33 62-75 '58.

GYROCOMPASS—VIBRATION
Stability of minor vibrations of pendular gyrocompasses in case of a uniformly variable motion of the base. I. V. Parnev. Izv. vys. uchbe. zav., prib. 4 no. 2:72-79 '61.

GYROSCOPE
Motion and stability of a gyroscope in a Cardan joint situated in a Newtonian central force field A M Tobarovskii Prikl mat i mekh 25 no 2 259-264 Mr-Ap '61
Using the method of running-out in the air and in a vacuum for determining aerodynamic resistance and friction in bearings of gyroscopic motor axles. A. G. Bessonov. Izv. vys. ucheb. zav., prib. 3 no. 1:61-68 '60.

HAAPSALU BAY—SEDIMENTATION AND DEPOSITION
Examples of a low sedimentation rate of open gate N. D. Shishov Trudy Okean. kom 8 114-117 '61

HAFNIUM
Geochemistry of hafnium, zirconium, and some other hydrolyzate elements in clays [with summary in English] A. B. Ronov, E. E. Vainshtein, A. M. Tuzova Geokhimiia no. 4:306-315 '61.
Relation between the behavior of zirconium and hafnium and the petrochemical characteristics of magmatic and alkaline-metasomatic rocks [with summary in English]. I. D. Shevaleevskii, A. S. Pavlenko, E. E. Vainshtein. Geokhimiia no. 3:222-230 '60.
State of macroquantities of zirconium and hafnium in aqueous hydrochloric acid solutions. V. M. Kolikov. Zhur. prikl. khim. 34 no. 3 512-516 Mr '61.

HAGIOGRAPHY
A contract of the year 1420 for the construction of the St Trinity Church in Klopsk, a source for the biography of St. Mikhail from Klopsk. Andrei Poppe Probl istoch no 9:386-407 '61

HAIR—DISEASES
Diapason measurement of thermoreception of the cutaneous analyzer in patients with staphylogenic sycosis. A N Gur'ev Vest derm i ven 35 no. 4:33-35 Ap '61

HAIR, REMOVAL OF
Effect of epilim on the growth of young rats [with summary in English]. D. A. Kaidin Farm. i toks. 24 no. 1. 105-108 Ja-F '61.

HAIRDRESSING—CONGRESSES
"We go away from life." K. Shchitin. Smena 36 no. 7: 22-23 Ap '61

HALF-TRACK VEHICLES see Tracklaying vehicles

HALIDES
Law governing the interatomic distance of molecules of halides of various groups of the periodic table. V. M. Tatevskii, V. P. Spiridonov, P. A. Akishin. Dokl. AN SSSR 138 no. 3:621-624 My '61.
Spectral manifestations of the action of some aprotic catalysts V. N. Filimonov, D. S Bystrov. Probl kin. i kat 10:201 '60.

HALL EFFECT
Hall effect in the $MnAu_2$ metamagnetic alloy. A. I. Karchevskii, V. I. Nikolaev. Fiz. met. i metalloved. 11 no. 4:519-524 Ap '61.

HALOGENS
Iodine, bromine, fluorine, and copper content of natural waters in the Poleaye Lowland (White Russia). P. V. Ostapenia, TS. A. Kagan, E. A. Gel'fer. Trudy Biogeokhim. lab. no. 11:75-82 '60.

HAN, SŎR-YA, 1900-
Han Sŏi-ya; his life and activities. V. Li. Pisat. str. nar. dem. no. 4:101-142 '60.

HAND
Arteries of the muscles of the human hand [with summary in English]. I. P Chebaevskaia. Arkh. anat. gist i embr. 40 no. 2 54-58 F '61.

HAND—DISEASES
Results of a study of lead contamination of the hands of workers with ethylated gasoline. I. I. Brokhman, V. A. Matiukhin, N. K. Fruentov. Gig. i san. 25 no. 7:97-98 Jl '60.

HAND—SURGERY

Primary plastic surgery of the hand following almost complete avulsion. G. S. Levin. Zdrav. Belor. 6 no. 4 62-63 Ap '60.

Surgical treatment of ischemic contracture of the hand [with English summary in insert]. IA. Kholevich Ortop. travm. i protez 22 no 1 48-51 Ja '61.

HANDICAPPED CHILDREN—EDUCATION

Some psychological conditions for the poor progress of primary grade students. S N. Beltaeva-Ekzemplifarskaia Uch zap Chel gos ped. inst 6 no 1 82-99 '59

HARBORS

Shikhiev, F. M., and others. [Organization and equipment of sea ports] Ustroistvo i oborudovanie morskikh portov. Moskva, Izd-vo "Morskoi transport," 1960. 413 p.

HARBORS—FINANCES

Analysis of the efficiency of capital investments for the improvement of harbor facilities. N. Samoilovskii, G. Lipovskii. Rech. transp. 20 no. 5:11-13 My '61.

HARD FACING

Ceramic facings on pug mill scrapers. F. I. Pakhomov. Ogneupory 25 no. 5 238-239 '60.

Mechanized deposition of a layer of hard steel. F. A. Khomus'ko. Avtom. svar. 14 no. 5:24-29 My '61.

New steels for the automatic electric hard facing of rolls for continuous slabbing and blooming mills [with summary in English]. M. M. Finkel'shtein. Stal' 21 no. 6 535-538 Je '61.

Processes of heat treatment and certain characteristics of the hard facing of small cylindrical parts. V. A. Shebanov. Avtom. svar. 14 no. 5:30-36 My '61.

HARDBOARD

(see also subdivision under United States)

Albumin-urea-formaldehyde glue for particle boards. V. P. Alekseeva, M. D. P'iankova, R. Kh. Sultanbek. Der. prom. 10 no. 5:12-13 My '61.

Calculation methods for the manufacture of particle boards. L. I. Kozel'tsev. Der. prom. 10 no. 5:12-13 My '61.

Component calculation in the manufacture of particle boards and furniture panels. I. A. Otlev. Der. prom. 10 no. 5:13-14 My '61.

Effect of the type of used wood particle on the time needed for the pressing of particles boards. I. M. Dyskin. Der. prom. 10 no. 5:10-12 My '61.

Hardboards made of spent tanbark. P. I. Troshenok. Kozh.-obuv. prom. 3 no. 4 35 Ap '61.

Manufacture of three-layer particle boards with the continuous "Bartrev" method. A. A. El'bert. Der. prom. 10 no. 3:21-22 Mr '61.

Mat felting line with caul return system (from "Lumberman," 87 no. 10, 1960). Der. prom. 10 no. 3:30 Mr '61.

Quality of fiberboard. S. K. Sidorov. Bum. prom. 36 no. 5:14-15 My '61

HARDNESS

Comparing various methods for determining the yield strength based on hardness. M. P. Markovets, A. F. Karashchuk. Zav. lab. 27 no 5 599-604 '61

Microhardness as a function of the load. Iu. O. Lapsker. Zav. lab. 27 no. 5:604-607 '61.

HARDNESS—MEASUREMENT

Effect of the holding time on hardness measurements by the NRC scale. S. S. Stepanov. Izm. tekh. no 5:15-17 My '60

HARDY, THOMAS, 1840-1928

T. Hardy's novels of the 1870's and 1880's. T. G. Pokrovskaia. Uch. zap. Mosk. gor. ped. inst. 75 173-211 '58.

HARELIP

Plastic surgery of the red edge and mucous membrane in unilateral harelip. T. M. Obukhova. Stomatologiia 40 no. 2:42-45 Mr-Ap '61.

HARMONIC ANALYSIS

Behavior of integral curves in the vicinity of a periodic motion V. I. Zubov Prikl. mat. i mekh 25 no. 2:303-313 Mr-Ap '61.

Construction of periodic motions. E. A. Barbashin. Prikl. mat. i mekh 25 no 2 276-283 Mr-Ap '61

Forced oscillations and stability of quasi-harmonic systems. E. N. Rozenvasser. Prikl. mat. i mekh 25 no 2 294-293 Mr-Ap '61

Vladimirov, V. S. [Mathematical problems in the single-velocity theory of particle transfer] Matematicheskie zadachi odnoskorostnoi teorii perenosa chastits. Moskva, Izd-vo Akad. nauk SSSR, 1961. 157 p. (Akademiia nauk SSSR. Matematicheskii institut. Trudy, vol. 61)

HARROWS

Universal suspension system for NUB-4, 8 harrows. O. Stongrevits. Trakt. i sel'khozmash. 31 no. 5:32-33 My '61.

Wooden bushings for harrows. I. Romanov. Sel'. mekh. no. 5:27 '61.

HARVESTING see subdivision under Khmel'nitskiy Province

HAWAIIAN ISLANDS—ETHNOLOGY

New archival materials on Hawaiians. D. D. Tumarkin. Sov. etn. no. 2 156-160 Mr-Ap '60.

HAY

Peas as a stubble crop. N. S. Amirov Dokl. AN Azerb. SSR 17 no 1 233-236 '61

HAY—HARVESTING

Continuous hay harvesting. D. Panlukov, P. Khrychev. NTO 3 no. 5:10-11 My '61.

Friction coefficients of mown grass and changes in friction during its drying. A. M. Ozerov. Trakt. i sel'khozmash. 31 no 5:19-21 My '61.

Machinery for harvesting hay and straw. O. V. IAkymenko Mekh sil'. hosp. 12 no. 5:3-5 My '61.

A new series of haymaking machinery for the steppe zone. V. Zaushitsyn, I. Dolgov. Tekh. v sel'khoz. 20 no. 1 14-16 Ap '60.

One and a half blades of grass instead of one. R. Podol'nyi. Zhan. silu 36 no. 2 6-7 F '61.

HEAD—DISEASES

Sympathalgias of the head, pathogenesis and treatment (from "Otolar. Polska," no 1, 1958) Zhur ush., nos i gorl bol 20 no 1 89 Ja-F '60

HEALTH EDUCATION

(see also subdivision under Baku, Divizlya)

Antialcoholism publicity in the U S S R and in capitalist countries [with summary in English] I S Sokolov. Sov zdrav 20 no 2 25-30 '61

Child health protection and health education F. I. Zborovskaia Sov zdrav 20 no 5 41-44 '61

Current status and problems of health education among the rural population [with summary in English]. F. I Zborovskaia, M F Zinger Sov zdrav 20 no 2 36-41 '61

Decision No 108 of the Presidium of the Academy of Medical Sciences of the U S S R. dated October 21, 1960, "On the participation of research institutes of the Academy of Medical Sciences of U S S R in the health education of the public" V D. Timakov, V M Zhdanov Sov zdrav 20 no. 2 50-51 '61

Experience in health education work in a school in the prevention of ascariasis E A Purina Sov zdrav 20 no 5 52-56 '61

Experience with health education in the prevention of diphtheria in cities of Moscow Province [with summary in English] I F Tabakova Sov zdrav. 20 no. 5 19-52 '61

Health education in the job training and technical education of industrial workers [with summary in English]. I. A Strelkova, Sh Z Tokar' Sov zdrav 20 no 2 20-25 '61

Health education in schools in the new era [with summary in English] I I Mil'man. Sov. zdrav 20 no 2 30-36 '61

Health education publicity M. I. Livergand. Zdrav. Ros. Feder. 5 no 5, 25-26 My '61.

Health education publicity with special reference to regional characteristics of cancer spreading and precancerous diseases L. V. Orlovskii. Vop onk. 7 no 2:86-91 '61

Kagan, N. F. [A physician's tales] Rasskazy vracha. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1959. 31 p. (Nauchno-popularnaia meditsinskaia literatura)

Medical and hygienic publicity on the radio [with summary in English] E. A. Vasil'eva, L. P. Zabolotskaia. Sov. zdrav 20 no 2 41-46 '61

People's universities of health. IA. L. Grossman, R. B Kaganovich. Sov. zdrav. 20 no. 2:51-55 '61

Regional characteristics of the occurrence of cancer and health education [with summary in English]. L. V Orlovskii Sov zdrav. 20 no. 2 16-20 '61.

Role of health education in controlling rheumatic fever in children [with summary in English]. L. A. Rybakova. Sov. zdrav. 20 no. 5 44-49 '61

Scientific work in the field of health education L. S. Bogolepova Sov zdrav. 20 no 2:7-10 '61

"Studies in the history of health education," edited by I S. Sokolov Reviewed by I. B. Rostotskii. Sov zdrav. 20 no. 2 86-88 '61.

Studying the level of hygienic knowledge and the behavior of the public with relation to the prevention of cardiovascular diseases [with summary in English]. A. T. Arustamova Sov. zdrav. 20 no 2:10-16 '61

HEALTH EDUCATION—BIBLIOGRAPHY see Bibliography—Health education

HEALTH RESORTS, WATERING PLACES, ETC.

(see also subdivision under Gazli; Kaitnin Province, Kurgan Province; Nalchik; Siberia, Western; Sochi; Soviet Far East; Ukraine; Yevpatoriya; also Archman; Azerbaijan; Caucasus; Chartak; Crimea; Truskavets)

All-Union conference of the activist group of trade-union health resorts. Okhr. truda i sots. strakh. 4 no. 5:23 My '61.

Assignments to sanatoriums and rest homes. K. Dalygin. Okhr. truda i sots. strakh. 4 no. 5:49-50 My '61.

Present status of the question of the health resort treatment of chronic colitis E B Vygodnee. Vop kur., fizioter. i lech. fiz. kul't 26 no 1 3-8 '61

Science is a good adviser. G. Pospelova. Okhr. truda i sots. strakh. 4 no. 5 28 My '61.

HEARING

Biomorphological comparison of the systems of subcortical formation of visual and auditory analyzers in dogs [with summary in English] V P Zvorykin Arkh anat gist i embr 38 no 4 22-33 Ap '60

Comparative evaluation of methods for acoumetry in the clinic and under experimental conditions [with summary in English] I. I Tomilov. Zhur. ush., nos, i gorl. bol 20 no. 1 31-36 Ja-F '60.

Differential frequency thresholds as a function of the duration of tonal pulses. Lian Chzhi-an' [Liang Chih-an]. L. A Chistovich. Akust. zhur. 6 no 1 81-86 '60.

Functional symmetry of the cortical portion of the sound analyzer [with summary in English]. V. M. Mosidze. Biul. eksp. biol. i med 49 no. 2:11-16 F '60.

Influence of streptomycin on auditory adaptation [with summary in English]. A. A. Kornienko. Vest. otorin. 22 no. 1 21-25 Ja-F '60.

HEART

Changes in cardiac output and general peripheral resistance following obstruction of the coronary artery [with summary in English] A V Vinogradov, L. I Dmitrieva. Biul. eksp. biol. i med. 50 no 7:27-33 J. '60.

Condition of the heart in lead industry workers as revealed by electrocardiographic data. D. A. Atchabarov, A. G. Adyrkhaev. Trudy Inst. kraev. pat. AN Kazakh. SSR 8 159-166 '60.

Effect of a dynamic stereotype of conditioned food reflexes and neurotic conditions on cardiac rhythm in normal and distorted cardiac activity [with summary in English]. B M. Fedorov Biul. eksp. biol. i med. 51 no 3:37-42 Mr '61

Effect of analgetic and neuroplegic substances on the coronary chemoreflex [with summary in English]. I. N. Pidevich. Biul. eksp. biol. i med. 51 no. 1:55-59 Ja '61.

Effect of some hormonal and medicinal substances on receptors of the venae cavae and heart; experimental and morphological investigations [with summary in English] IA L. Karaganov Arkh. anat gist. i embr 40 no. 4. 106-113 Ap '61

Effect of the transfusion of polyglucin on the noradrenalin of content of the rabbit heart [with summary in English]. R. M. Glants. Probl. gemat. i perel. krovi 5 no. 2:35-38 F '60.

Effect of the vagus nerve and acetylcholine on the rest potential of the heart Khuan Sin-fa [Huang Hsing-ya] Fiziol zhur 47 no 3,311-318 Mr '61.

Integration of the mechanical impulses of the heart. G. A. Skminke. Biul. eksp. biol. i med. 51 no. 1 107-109 Ja '61.

Kinetocardiography in diseases of the cardiovascular system under clinical conditions. L. B. Andreev. Klin. med. 39 no. 5 12-21 My '61.

Mechanism of hypothalamic regulation of cardiac activity N. P Smirnova Fiziol. zhur 47 no. 2:185-190 F '60

Nucleic acids and the conduction of rhythmic excitation in the heart. Kh. S Koshtoiants Dokl. AN SSSR 133 no. 3 733-735 My '61

Reactivity and plasticity of the vascular wall and the endocardium [with summary in English]. S. I Shchelkunov Arkh. anat. gist. i embr. 40 no 1:80-86 Ap '61

HEART—ABNORMITIES AND DEFORMITIES

Cause of disorders in the embryogenesis of the heart. IA M Soskin, E A Bova Arkh anat gist. i embr. 38 no. 4 97-98 Ap '60

Clinico and anatomical studies on myocardial lesions in congenital heart defects. L. D. Krymskii, M R. Mordkovich. Klin. med. 39 no. 5:117-123 My '61.

Rare case of blood supply of a human heart with one (right) coronary artery. P. I. Tofilo Arkh anat gist. i embr 40 no. 2 82-83 F '61.

Use of diplatsin in surgical anesthesia in patients with heart defects. T. M. Darbinian. Akt. vop. obezbol. no. 2:120-126 '59.

HEART—DISEASES

Armored heart. V. A. Alimov. Med. zhur. Uzb. no. 11: 67 N '60.

Clinical aspects of cardiac tamponade. L. S. Pevzner. Zdrav. Belor. 6 no. 4:67-68 Ap '60.

Connection of some forms of epilepsy with disturbances of cardiac activity. B O Fridman Vop. psikh. i nevr. no 5:178-185 '59

Course of left ventricular aneurysm in a patient with pulmonary tuberculosis. L. IA. Rabinovich. Klin. med. 39 no. 5:124-125 My '61.

Phonocardiographic changes in patients with cardiosclerosis. N. E. Kavetskii, A. A. Stepnitskii. Klin. med. 39 no. 5:41-44 My '61.

Protracted recurrent myocardial infarctions and progressive cardiosclerosis. T. A. Naddachina, A. V. Smol'iannikov. Klin. med. 39 no. 5:73-80 My '61.

Some medicines used in heart diseases. N. G. Poliakov. Med. sestra 20 no. 4:53-54 Ap '61.

HEART—HYPERTROPHY AND DILATATION

Changes in the intensity of protein synthesis in the myocardium during compensatory hyperfunction of the heart [with summary in English]. I. Z. Meerson, T. I. Zaiats. Biul. eksp. biol. i med. 50 no. 7:34-36 Jl '60.

HEART—INFARCTION

Anatomical, electrocardiographic, and clinical divergences. E. M. Nedlina. Klin. med. 39 no. 5:134-135 My '61.

Diagnostic significance of determining C-reactive protein in patients with myocardial infarct. M. K. Kul'matov, U. K. Vakhabova, P. M. Pashenin. Med. zhur. Uzb. no. 3:70-72 Mr '61.

Health service. Natalina Gesse. Neva no. 1:167-171 '61.

Prolongation of life and working capacity following myocardial infarction. V. S. Krapivner. Klin. med. 39 no. 5:59-65 M. '61.

Protracted recurrent myocardial infarctions and progressive cardiosclerosis. T. A. Naddachina, A. V. Smol'iannikov. Klin. med. 39 no. 5:73-80 My '61.

Raevskaia, G. A. [Thromboembolic complications in patients with myocardial infarct] Tromboembolicheskie oslozhneniia u bol'nykh infarktom miokarda. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 131 p. (DNLM)

Role of the nurse in the care of patients with myocardial infarct. G. L. Levin. Med. sestra 20 no. 4:41-44 Ap '61.

HEART—MUSCLE

Effect of pyrogenal and myocardial hydrolyzate on the regeneration of the heart muscle. I. V. Polezhaev and others. Dokl. AN SSSR 138 no. 3:714-717 My '61.

Evidence of regeneration in significant portions of the myocardial fibers of the frog following trauma [with summary in English]. P. P. Rumiantsev. Arkh. anat. gist. i embr. 40 no. 2:65-71 F '61.

Pathomorphology of myocardial lesions in bronchial asthma. V. I. Rovinskii, P. N. Vasil'ev. Klin. med. 39 no. 5:86-87 My '61.

Respiration and associated phosphorylation in homogenates and mitochondria of the heart muscle in experimental myocarditis in rabbits [with summary in English]. A. M. Zubovskaia. Biul. eksp. biol. i med. 51 no. 3:55-58 Mr '61.

Structural and functional changes in the heart caused by section of the vagus nerve [with summary in English]. I. A. Chervova. Arkh. anat. gist. i embr. 39 no. 7:13-22 Jl '60.

Structure of the connective tissue and lymphatic system of the myocardium in man [with summary in English]. V. V. Fedin. Arkh. anat. gist. i embr. 40 no. 2:75-81 F '61.

HEART—SOUNDS

Phonocardiographic changes in patients with cardiosclerosis. N. E. Kavetskii, A. A. Stapnitskii. Klin. med. 39 no. 5:41-44 My '61.

Phonoelectrocardiograph. D. Menitskii. Nauka i zhizn' 27 no. 4:68 Ap '60.

A simple method of phonocardiography for small laboratory animals [with summary in English]. I. V. Mineev, V. K. Seltser. Biul. eksp. biol. i med. 49 no. 2:123-125 F '60.

Some auscultative and phonocardiographic data in mitral stenosis [with summary in English]. G. G. Gel'shtein, L. M. Fitileva. Terap. arkh. 31 no. 4:56-62 Ap '59.

Synchronized electro-, phono- and ballistocardiographic registration with the aid of an industrial electromagnetic oscillograph MPO-2. L. N. Goncharova, L. A. Vol'tman, Iu. A. Panfilov. Terap. arkh. 33 no. 4:87-88 '61.

HEART—TUMORS

Neuroma of the heart. R. E. Orshanskaia. Klin. med. 39 no. 5:142-143 M. '61.

Septic complications of cardiac myxoma. N. A. Permiakov. Klin. med. 39 no. 5:144-146 My '61.

HEART—VALVES

Problem of the structure of the endothelium of the heart valves [with summary in English]. M. P. Ptokhov. Arkh. anat. gist. i embr. 39 no. 7:23-29 Jl '60.

HEART—WOUNDS AND INJURIES

Injury to the heart from a foreign body in the esophagus. N. P. Belkina. Vest. otorin. 22 no. 1:95-96 Ja-F '60.

HEART BLOCK

Mechanism of Adams-Stokes seizures. P. M. Zlochevskii, A. M. Zal'munina. Klin. med. 39 no. 5:125-133 My '61.

HEART FAILURE

Effect of euphyllin on the urinary excretion of water and electrolytes in patients with circulatory insufficiency. G. S. Chudnovskii. Klin. med. 39 no. 5:98-105 My '61.

Georgievskaia, L. M. [Regulation of gas exchange in chronic cardiac and ventilation insufficiency; transport of gases by the blood] Regulitatsiia gazoobmena pri khronicheskoi serdechnoi i ventilitatsionnoi nedostatochnosti; transport gazov krovi'iu. [Leningrad] Gos. izd-vo med. lit-ry, Leningr. otd-nie, 1960. 223 p. (DNLM)

Necrotic processes in the oral cavity in chronic cardiovascular insufficiency. K. A. Malchanova. Stomatologiia 40 no. 2:33-39 Mr-Ap '61.

Renal circulation in cardiac insufficiency. A. K. Merzon. Klin. med. 39 no. 5:6-12 My '61.

Respiratory disorders in patients with circulatory insufficiency. A. M. Masuev. Terap. arkh. 33 no. 1:26-31 '61.

HEAT—CONDUCTION

Application of a theory of generalized functions to the solution of equations of thermal conductivity. R. M. Malakhovskaia. Uch. zap. TGU no. 36:13-18 '60.

Application of the linear heat source method to the determination of the thermal conduction coefficient of solid fuels. E. K. Rodionova, I. L. Farberov, N. P. IUr'evskaia. Trudy IGI 13:48-51 '60.

Determining thermal constants by the method of temperature waves [with summary in English]. IU. A. Kirichenko. Inzh.-fiz. zhur. 4 no. 5:12-15 My '61.

Effect of moisture on the coefficient of thermal conductivity of loose materials [with summary in English]. E. IU. Braiinin. Inzh.-fiz. zhur. 4 no. 5:101-107 My '61.

Heat conduction problem for a cylinder [with summary in English]. V. I. Makhovikov. Inzh.-fiz. zhur. 4 no. 5:119-124 My '61.

Improved solution to the equation of heat conduction in the flame. A. I. Rozlovskii. Dokl. AN SSSR 136 no. 5:1150-1153 F '61.

Nonstationary heat conduction in heat-producing elements of nuclear reactors [with summary in English]. V. S. Ermakov, I. P. Zhuk, O. I. Miroshevich. Inzh.-fiz. zhur. 4 no. 5:96-99 My '61.

One problem of heat conduction in a homogeneous half-space [with summary in English]. G. V. Poddubnyi. Inzh.-fiz. zhur. 1 no. 5:27-32 My '61.

Thermal conductivity of solid solutions of manganese niobate and $BaTiO_3$. F. F. Kodzhespirov. Fiz. tver. tela 3 no. 3:781-785 Mr '61.

HEAT—CONDUCTION—MEASUREMENT

Using the method of radial thermal waves in a cylinder in measuring heat conductivity. IU. A. Kirichenko. Izm. tekh. no. 5:29-32 My '60.

HEAT—CONVECTION

Approximate solution of equations of the free convection of a liquid near a vertical nonisothermal wall [with summary in English]. K. V. Elshin. Inzh.-fiz. zhur. 4 no. 4:62-68 Ap '61.

Three-dimensional boundary layer with free convective flow in cavities [with summary in English]. M. M. Farztdinov. Inzh.-fiz. zhur. 4 no. 4:38-42 Ap '61.

HEAT—PHYSIOLOGICAL EFFECT

Influence of high external temperature in the surrounding environment and of solar radiation on the external secretory function of the pancreas. Report No. 1. A. S. Sadykov, M. V. Enikeev. Med. zhur. Uzb. no. 4:23-25 Ap '61.

Influence of high temperature on the development of experimental lead poisoning. A. A. Romakhov. Trudy Inst. kraev. pat. AN Kazakh. SSR 8:69-74 '60.

Influence of stimulation of the mechanoreceptors in the gastrointestinal tract on some blood indexes at high temperature. R. T. Vakhidova. Med. zhur. Uzb. no. 4:31-34 Ap '61.

Sensitivity of the specific antigen of human cancer cells to high temperature [with summary in English]. V. S. Korosteleva, P. N. Kosiakov. Biul. eksp. biol. i med. 51 no. 2:87-92 F '61.

Water losses and replacement during muscular activity in dogs under conditions of high environmental temperature. M. P. Shek. Fiziol. zhur. 47 no. 5:612-616 My '61.

Zoolytic and phytolytic activity of gastric juice under conditions of external temperature and solar radiation. M. E. Isliamova. Med. zhur. Uzb. no. 4:27-31 Ap '61.

HEAT—RADIATION AND ABSORPTION

Protection of metalworkers from radiant heat. A. A. Malykh. Metallurg 6 no. 6:37-39 Je '61.

Reciprocal radiant surface of an arbitrary body and a thin cylinder [with summary in English]. IU. A. Glagolev. Inzh.-fiz. zhur. 4 no. 4:116-119 Ap '61.

Using the photographic method for the light modeling of radiant heat exchange. V. N. Adrianov, G. L. Poliak. Zhur. nauch. i prikl. fot. i kin. 5 no. 2:123-132 Mr-Ap '60.

HEAT—TRANSMISSION

Boundary value problem for a generalized system of equations of energy and mass transfer [with summary in English]. P. V. TSoi. Inzh.-fiz. zhur. 4 no. 4:69-74 Ap '61.

Critical thermal load under a forced movement of water heated to the saturation temperature. D. A. Labuntsov. Atom. energ. 10 no. 5:523-525 My '61.

Determination of the coefficient of thermal diffusivity under quasi-stationary conditions. L. A. Brovkin. Zav. lab. 27 no. 5:578-581 '61.

Effect of surface roughness on the heat transfer of a horizontal cylinder with free convection in air [with summary in English]. R. S. Prasolov. Inzh.-fiz. zhur. 4 no. 5:3-7 My '61.

Flow of a viscous conducting gas in a transverse magnetic field in the presence of heat exchange. F. P. Zimin. Prikl. mat. i mekh. 25 no. 2:381-382 Mr-Ap '61.

Heat and mass transfer in opposing currents [with summary in English]. I. T. El'perin. Inzh.-fiz. zhur. 4 no. 5:62-68 My '61.

Heat transfer accompanied by the condensation of vapor from a vapor-gas mixture. I. A. Komarov. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 2:304-309 '61.

Heat transfer from the fluidized bed of granular materials to the surface of heat exchange. D. G. Traber, V. B. Sarkits, I. P. Mukhlenov. Zhur. prikl. khim. 33 no. 10:2187-2205 O '60.

Heat transfer from the fluidized bed of granular materials to the surface of heat exchange. I. P. Mukhlenov, D. G. Traber, V. B. Sarkits. Zhur. prikl. khim. 33 no. 10:2206-2212 O '60.

Leporskii, V. V., and others. [Tilting open-hearth furnaces, design and heat transfer] Kachaiushchaiasia martenovskaia pech'; konstruktsiia i teplovaia rabota. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 181 p.

Research on the external heat and mass transfer in the evaporation of a fluid from a capillary-porous body [with summary in English]. G. T. Sergeev. Inzh.-fiz. zhur. 4 no. 5:43-47 My '61.

HEAT ENGINEERING

Contemporary state of heat engineering in the construction industry. A. N. Borshchevskii. Inzh.-fiz. zhur. 4 no. 4:139-140 Ap '61.

Inner heat of the earth. S. A. Dzhamalov. Priroda 50 no. 6:74-76 Je '61.

Solution of certain problems of metallurgical heat engineering with the aid of an electric grid integrator [with summary in English]. L. A. Kozdoba, V. I. Makhnenko. Inzh.-fiz. zhur. 4 no. 4:102-104 Ap '61.

Temperature field of the brickwork of semisubmerged water walls in steam boilers [with summary in English]. V. V. Mitor. Inzh.-fiz. zhur. 4 no. 5:69-73 My '61.

HEAT EXCHANGERS

Manufacturing "double pipe" coils. M. M. Abelev, B. A. Galitskii, A. R. Konovalov. Khim. mash. no. 3:31-33 My-Je '60.

Properties of heat-exchanger tubes made of Kh8 steel [with summary in English]. V. G. D'iakov. Stal' 21 no. 6:538-540 Je '61.

Some specifications of the theory of heat transmission in ribbed-pipe heat exchangers. V. V. Serdiukhin. Izv. vys. ucheb. zav., mashinostr. no. 1:150-155 '60.

HEAT OF ADSORPTION

Isotherms and heats of adsorption in the electronic theory of chemisorption. Sh. M. Kogan, B. V. Sandomirskii. Probl. kin. i kat. 10:58 '60.

HEAT OF COMBUSTION

Heat of combustion of some phenylcyclopropanes. M. P. Kozina and others. Dokl. AN SSSR 136 no. 4:843-845 Je '61.

HEAT OF FORMATION

Heat of formation and physical properties of semiconducting intermetallic compounds [with summary in English]. P. P. Ologkov, A. M. Evseev. Zhur. fiz. khim. 34 no. 4:815-818 Ap '60.

HEAT REGENERATORS

Using the heat of boiler exhaust gases in contact waste gas heaters [with summary in English, p. 78]. B. M. Lobaev, I. Z. Aronov. Visnyk AN URSR no. 1:39-43 '61.

HEAT-RESISTANT ALLOYS

Heat-resistant alloys for precision casting. D. P. Nekliudov. Lit. proizv. no. 5:47 My '61.

Modern highly heat-resistant steels and alloys [from "Metal Treatment and Drop Forging," no. 172, 1960, Transactions of the SAE, no. 605, 1956, "Metal Progress," no. 4, 1959]. D. P. Nekliudov. Stal' 21 no. 5:451-453 My '61.

HEAT TREATING FURNACES see Furnaces, Heat treating

HEGEL, GEORG WILHELM FRIEDRICH, 1770-1831

Historical and philosophical concepts of Hegel. B. V. Akhlibininskii. Biul. SNO LGU no. 2:13-27 '59.

HELICOPTERS

From the history of the manufacture of autogyros and helicopters. A. M. Izakson. Trudy Inst. ist. est. i tekh. 36:281-287 '61.

Helicopters today and tomorrow. IU. IEmel'ianov. Ukraina no. 8:21 Ap '60.

HELICOPTERS—PILOTING

Flying a helicopter with an automatic pilot. V. I. Kravchenko, A. I. Poteriaikin. Vest. Vozd. Fl. no. 12:35-38 D '60.

HELIUM
Computation of the autoionization probability in helium and lithium atoms. R. Kh Pronin. Opt i spektr 8 no. 3 300-302 Mr '60

Helium diffusion through sedimentary rocks [with summary in English]. R. Newton, G F Round. Geokhimiia no. 1 132-153 '61.

Inelastic interaction of pi -mesons with helium nuclei at an energy of about 300 Mev. [with summary in English] M. S. Kozodaev and others. Zhur. eksp. i teor fiz 38 no. 2, 409-422 F '60.

HELIUM—ISOTOPES
Cosmogenic isotopes in the Sikhote-Alin meteorite. L. K. Levskii. Geokhimiia no 4 359 '61.

HELVITE
(see also subdivision under Siberia)
Composition of minerals of the helvite group A. D. Kalenov. Trudy Inst. min., geokhim i kristallokhim red. elem. no 3 154-161 '59

HEMAGGLUTININ
Data for a study of normal hemagglutinins in human sera [with summary in English] L. S. Mashkevich Pat. fiziol i eksp. terap 4 no 2 27-32 Mr-Ap '60

HEMATIN
Hematin catalysis of vitamin A and fat oxidation, with summary in English]. A. A. Dmitrovskii. Biokhimiia 26 no. 2 225-233 Mr-Ap '61.

HEMATOLOGY see subdivision under Uzbekistan

HEMATOLOGY—CONGRESSES
Eighth International Congress of Hematologists in Tokio. E. I. Atakhanov. Med. zhur. Uzb. no. 4:58-62 Ap '61,

HEMATOPORPHYRIN
Level of lead and hematoporphyrin in the urine of lead industry workers in relation to the degree of poisoning. A. T. Aldanazarov, B. A. Atchabarov. Trudy Inst. kraev. pat. AN Kazakh. SSR 8 151-158 '60.

HEMOGLOBIN
Changes in the functional condition of hemoglobin in malignant and benign growth in the human organism S. E. Krasovitskaia and others Pat. fiziol. i eksp. terap. 5 no. 2, 61-62 Mr-Ap '61.

Globin/heme coefficient, globin capacity of erythrocytes, and globin index in various hematological diseases. L. I. Mikheeva. Probl. gemat. i perel. krovi 5 no. 2 18-20 F '60.

HEMOLYMPH
Composition and properties of hemolymph of the larch spinner. N. G. Kolomiets, A. B. Gukasian. Izv. Sib. otd. AN SSSR no. 3 82-89 '61.

HEMOPHILIA
Hemophilic arthroses and contracture of the joints and their treatment. O. Sh. Buachidze Khirurgiia 37 no. 5 64-70 My '61.

Polyglucin as a hemostatic. A. A. Erom, N. IA. Lagutina, A. A. Lipats. Khirurgiia 37 no. 5 70-75 My '61

HEMOPHILUS
Studies on the antimicrobial effects of certain antibiotics on the whooping cough bacillus [with summary in English] G. V. Spivak and others. Antibiotiki 6 no. 4 350-352 Ap '61.

HEMOPOIETIC SYSTEM
Change in hemopoiesis in congestive splenomegaly with and without denervation of the spleen [with summary in English]. I. IA. Ashkinazi. Biul. eksp. biol. i med. 49 no. 2 46-50 F '60.

Change in the peripheral blood and bone marrow in experimental epilepsy in rabbits [with summary in English]. V. M. Karlinskii. Biul. eksp. biol. i med. 49 no. 2 61-64 F '60.

Cytochemistry of phosphatases, oxidases, and peroxidases in hematopoietic elements in radiation injury. E. I. Terent'eva L. I. Kazanova Med. rad. 6 no. 3, 39-42 '61

Hemopoiesis in vaccinotherapy for brucellosis. Sh. Khodzhaev. Lech. infekts. bol'. no. 3 332-321 '57.

Hemopoietic properties of the serum of healthy and anemic animals [with summary in English]. E. L. Kan. Biul. eksp. biol. i med. 49 no. 2 55-61 F '60.

Possibility of induction of myeloid tissue in irradiated animals [with summary in English]. V. L. Troitskii, A. IA. Fridenshtein. Biul. eksp. biol. i med. 49 no. 3 111-112 Mr '60.

Some data on the mechanism of the effect of antiamemin on the hematopoietic process [with summary in English]. R. A. Arutiunian, A. P. Kazarov. Biul. eksp. biol. i med. 51 no. 1 37-40 Ja '61.

Studying cellular elements of hemopoiesis in tissue cultures exposed to the action of substances inhibiting free radical reactions. E. I. Terent'eva. Dokl. AN SSSR 138 no. 2 448-449 My '61.

HEMOPOIETIC SYSTEM—DISEASES
(see also subdivision under White Russia)
Essence of leukemoid reactions and so-called reactive reticuloses [with summary in English, p. 61]. N. A. Kraevskii, N. M. Nemenova, L. A. Danilova. Probl. gemat. i perel. krovi 5 no. 3 3-11 Mr '60.

Leukemoid reactions [with summary in English, p. 61]. G. V. Osechenskaia. Probl. gemat. i perel. krovi 5 no. 3 12-15 Mr '60.

HEMORRHAGE
Change in the acid-base equilibrium and in the oxidation-reduction processes in peritonitis combined with blood loss [with summary in English]. E. M. Neiko, L. IA. Fishchenko. Biul. eksp. biol. i med 50 no. 10 62-63 O '60.

Comparative differential diagnostic test in intra-abdominal hemorrhages in women. V. S. Lesiuk. Ped., akush. i gin. 22 no. 4:2 of cover '60.

Hemorrhages in diseases of the internal organs. S. G. Vaisbein. Med. sestra 20 no. 1:14-18 Ap '61.

Plasma substitute properties of aminopeptide hydrolysate in the treatment of acute massive hemorrhages in animals N. R. Deriiana Pat. fiziol i eksp. terap 4 no. 2 67-68 Mr-Ap '60

Signs of autoaggression in the mechanism of blood regeneration [with summary in English]. IA. G. Uzhanskii, I. V. Pavlova Pat. fiziol i eksp. terap 4 no. 1 52-57 Ja-Ap '60

HEMORRHAGIC FEVER
Combination of hemorrhagic fever with tularemia. T. I. Solovitsova. Lech. infekts. bol'. no. 4:279-284 '60.

Urgent problems in the diagnosis and treatment of hemorrhagic fevers. B. L. Ugrumov. Lech. infekts. bol' no. 3 232-242 '57.

HEMOSTATICS
Polyglucin as a hemostatic A. A. Erom, N. IA. Lagutina, A. A. Lipats. Khirurgiia 37 no. 5:70-75 My '61

HEMP
(see also subdivision under Azerbaijan)
Antimicrobial substances in Ukrainian hemp [with summary in English]. A. S. Rabinovich, B. I. Mizenman, S. I. Zelepukha Antibiotiki 6 no. 1 74-76 Ja '61

Deposition of secretory substances in the metaxylem of hemp [with summary in English] E. O. Sokalo Ukr. bot. zhur. 16 no. 2 51-55 '61

[Manual on the primary factory processing of hemp, ambari hemp, and jute] Spravochnik po zavodskoi pervichnoi obrabotke konopli, kenafa i dzhuta. Izd. 2., perer. i dop. Pod red. A. A. Razuvaeva. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1960. 547 p.

HEMP—FERTILIZERS AND MANURES
Effect of copper and potassium on the structure of hemp stems. L. V. Anishkin. Sbor. nauch. rab. Bel. otd. VBO no. 1 5-11 '59.

HEPARIN
Effect of heparin and dicoumarin on the toxicity and concentration of strophanthin [with summary in English]. IA. I. Zaidler, E. I. Gvozdeva. Farm. i toks. 24 no. 1, 80-83 Ja-F '61.

Effect of heparin on the coronary circulation [with summary in English]. Z. T. Samoilova, V. V. Riazhenov Farm. i toks. 24 no. 1 66-70 Ja-F '61.

HEPATIC ARTERY—SURGERY
Arterial structure of a rabbit's liver following ligation of the hepatic artery under various conditions [with summary in English]. B. S. Kutnevich Arkh. anat. gist. i embr. 40 no. 3 47-53 Mr '61

HEPATITIS, INFECTIOUS
(see also subdivision under Vitebsk)
Analysis of work in a diagnostic ward of a children's hepatitis department. I. R. Rudenskaia, A. I. Tret'iakova. Pediatriia no. 5 26-31 '61.

Carbonic anhydrase in patients with epidemic hepatitis Sh. A. Sultanov. Med. zhur. Uzb. no. 3, 42-43 Mr '61

Changes in the protein-nitrogen substances of the blood in various clinical forms of Botkin's disease. K. I. Gomelauri. Soob. AN Gruz. SSR 24 no. 1 31-35 Ja '60.

Clinical aspects of epidemic hepatitis in infants. E. G. Kniazevskaia. Pediatriia no. 5 3-7 '61.

Clinical aspects of infectious hepatitis in combination with helminthiasis and protozoiasis and problems in their treatment. T. F. Pal'tseva. Lech. infekts. bol'. no. 3, 90-98 '57.

Clinical characteristics of anicteric and "low icteric" forms of Botkin's disease. R. P. Naumova. Fel'd. i akush. 25 no. 4:32-34 Ap '60.

Course of infectious hepatitis in parturients. S. I. Traibych. Ped., akush. i gin. 22 no. 4:49-51 '60.

Determination of glutamic-oxalic transaminase activity in Botkin's disease in children. G. A. Sinaiko, I. V. Shakhgil'dian. Pediatriia no. 5:18-23 '61.

Diagnostic significance of the determination of transaminase activity in Botkin's disease in children. S. M. Golovshko, M. D. Liberzon. Pediatriia no. 5 13-18 '61.

Epidemic hepatitis (Botkin's disease) in children. O. D. Kitaigorodskaia. Fel'd. i akush. 25 no. 4:26-32 Ap '60.

Evaluation of some biochemical indexes in infectious hepatitis. P. G. Tkachev, A. K. Ziazev. Lech. infekts. bol'. no. 4:53-70 '60.

Investigation of the tissue blood flow by means of tagged atoms in patients with infectious hepatitis treated with various drugs. T. F. Pal'tseva. Lech. infekts. bol'. no. 3, 81-89 '57.

Materials on the differential diagnosis of infectious hepatitis. T. F. Pal'tseva. Lech. infekts. bol'. no. 4:71-94 '60.

Side effects during antibiotic therapy of Botkin's infectious hepatitis [with summary in English]. T. G. Fedulova, E. K. Trimus Antibiotiki 6 no. 4 336-339 Ap '61

Significance of the preconvertin test in the initial stages of Botkin's disease in children. K. K. Makarenko. Pediatriia no. 5 23-26 '61.

Some clinical characteristics of severe forms of epidemic hepatitis in children. M. M. Leskovtsev, I. M. Shor. Pediatriia no. 5 7-12 '61.

Study of protein fractions by means of paper electrophoresis in infectious hepatitis following treatment with methionine. P. G. Tkachev. Lech. infekts bol' no. 3 71-80 '57.

Urine color sedimentation reaction in the catamnesis of children having had infectious hepatitis. N. O. Bielechkina Ped., akush. i gin. 22 no. 1:27-29 '60.

HEPATOLENTICULAR DEGENERATION
Amount of copper in the tissues of the brain under normal conditions and in various diseases of the nervous system [with summary in English]. B. M. Gekht Biul. eksp. biol. i med 51 no. 2 19-54 F '61.

HEPTADIENYNE
Conjugated systems Part 135 Course of the addition of alkylhypobromites and lithium-alkyls to vinylphenylacetylene A. A. Petrov, IU. I. Porfir'eva, V. A. Kormer Zhur. ob. khim 31 no. 5 1518-1524 My '61

HEPTANE
Acceleration and inhibition of cracking of n-heptane in fused aluminum and sodium at 300-800°. A. V. Topchiev and others. Trudy Inst. nefti 14 5-11 '60.

Radiolysis of n-heptane adsorbed on oxide catalysts IU. A. Kalbanovskii, I. S. Polak, E. B. Shlikhter. Dokl. AN SSSR 136 no. 1, 147-150 Ja '61.

HERBARIA see subdivision under Tiflis

HERBICIDES
Chloro-IPC as an effective means of controlling the weed Stellaria media. IU. V. Rakitin, T. M. Golden. Fiziol. rast. 7 no. 2 232-234 '60.

Effect of certain herbicides on the thistle Leuzea carthamoides and the Siberian rhubarb. V. I. Bukin. Biul. Glav. bot. sada no. 38 85-88 '60.

Setting up and conducting a field experiment with herbicides G. I. Gordienko Shkola i proizv. 5 no. 5 49-53 My '61

HEREDITY OF DISEASE
Current problems in studying hereditary diseases of the nervous system S. N. Davidenkov Vest. AMN SSSR 14 no. 5 61-69 '59

HEROES
(see also subdivision under Kalinin Province)
Duty, heroism, and heroic deeds Z. Shekhtman, B. Politov. Mol. kommu no. 5 71-76 My '61

Those who defended their motherland. Voen.-ist. zhur. 3 no. 6 15-23 Je '61

HERPES ZOSTER
Affection of certain internal organs in herpes zoster. I. V. Martynov, IU. IA. Ashmarin, G. P. Butov. Klin. med. 39 no. 5, 95-98 My '61.

HERRING
(see also subdivision under Atlantic Ocean; Caspian Sea)
Food relationships of some commercial fishes in the Caspian Sea. I. A. Piskunov. Vop. ikht 1 no. 1, 70-88 '61.

Nature of the variability of pyloric appendages of the intestine in the Norwegian and Baltic herrings A. V. Chepurnov. Vest. Mosk. un. Ser. 6 Biol., pochv. 16 no. 2 30-35 Mr-Ap '61

HERSEY, JOHN RICHARD, 1914-
The unbelievable truth ("The child buyer" [in English] by John Hersey. Reviewed by R. Ortova). Inostr. lit. no. 5 250-262 My '61.

HERTZEN, ALEKSANDR IVANOVICH, 1812-1870
A. I. Hertzen. Nar. gaev. no. 2, 90 F '61

HETEROCYCLIC COMPOUNDS
Condensation of 6-quinolyl aldehyde with some heterocyclic compounds B. P. Lugovkin. Zhur. ob. khim. 31 no. 5 1685-1688 My '61

Synthesis of luminescent heterocyclic compounds. E. E. Baroni, K. A. Kovyrzina. Zhur. ob. khim. 31 no. 5 1641-1643 My '61

HETEROPTERA see subdivision under Talysh Mountain region

HETEROSIS
Heterosis in tomatoes and its utilization in the Far North [with summary in English]. P. P. Gusev, N. A. Guseva. Trudy po prikl. bot., gen. i sel. 32 no. 3 133-138 '59.

HEUSINGER, ADOLF, 1897-
The way of a war criminal ("War criminal Heusinger, 15 years in the service of German imperialism" by Joachim Kruger, Joachim Schulz [in German] Reviewed by I. Kalt. Mezhdunar. zhizn' 8 no. 6:143-145 Je '61.

HEVELIUS, JOHANNES, 1611-1687
Founder of the science of the moon, 350th anniversary of the birth of Johannes Hevelius. Iu.G. Perel'. Priroda 50 no.6:98-99 Je '61.

HEXADECATETRAYNEDICARBOXYLIC ACID
Synthesis of 1,7,9,12-hexadecatetrayne-1,16-dicarboxylic acid. M.G. Pleshakov and others. Zhur. ob. khim. 31 no.5:1545-1547 My '61.

HEXANE
Synthesis of sigetin (dipotassium salt of p,p'-disulfomeso-3,4-diphenylhexane). S.G. Fort, N.V. Khromov-Borisov. Med.prom. 15 no.3:13-14 Mr '61.

HEXONIUM COMPOUNDS
Therapeutic effect of hexonium in pruritic dermatoses. G.G. Sizov, M.B. Shtark. Vest. derm. i ven. 35 no.1:62-64 Ja '61.

HIBERNATION, ARTIFICIAL see Artificial hibernation

HIDES AND SKINS
Commercial and technical properties of coarse-wool sheepskins classified by breed and area of manufacture. M.S. Lieksemburg, M.M. Zharnyl'skii, L.G. Rumlantseva. Kozh.-obuv.prom. 3 no.4:5-8 Ap '61.
New method of degreasing greasy sheep pelts. N.N. Kazarina, B.A. Gil'man, V.S. Shunin. Izv. vys. ucheb. zav., tekh. leg. prom. no.2:29-32 '61.

HIGH BLOOD PRESSURE see Hypertension

HIGH MOLECULAR WEIGHT COMPOUNDS see Macromolecular compounds

HIGH PRESSURE RESEARCH
Collet intensifier for obtaining ultrahigh pressures. V.P. Butuzov, D.S. Mirinskii, G.S. Kats. Trudy VNIIP [MS] 3 no.2:113-117 '60.

HIGHER EDUCATION see Education, Higher

HIGHWAY DEPARTMENTS see subdivision under Lukhovitsy District

HIGHWAY RESEARCH
Furthering advanced practices, introducing new technology. A. Gridunov, V. Belashov. Avt. dor. 24 no.1:28-30 Ap '61.
In the Scientific and Technical Society. M.V. Rabinovich, Z.E. Zinger. Avt. dor. 24 no.1:31 Ap '61.
State All-Union Highway Research Institute's activities in 1961. K.L. Protasov. Avt. dor. 24 no.4:28-29 Ap '61.

HIGHWAY TRANSPORT WORKERS
(see also subdivision under Kirghizistan, Kovrov, Latvia, Moldavia, Moscow Province, Tatar A.S.S.R., Tuva Autonomous Province)
Everyone should profit from the experience of outstanding workers. G. Aralin. Avt. transp. 39 no.4:5 Ap '61.

HIGHWAY TRANSPORT WORKERS—EDUCATION AND TRAINING
From practices in the creation of teaching aids. V. Kulida. Avt. transp. 39 no.4:47 Ap '61.

HILBERT SPACE
Generalization of Bochner's multidimensional theorem. Iu.M. Berezanskii. Dokl. AN SSSR 136 no.5:1011-1014 F '61.
International relations of our trade union. A. Koshkarev. Avt. transp. 39 no.4:8 Ap '61.
Multiplicative representation of certain analytical operator functions. M.S. Brodskii. Dokl. AN SSSR 138 no.4:751-754 Je '61.
Vladimirov, V.S. [Mathematical problems in the single-velocity theory of particle transfer] Matematicheskie zadachi odnoskorostnoi teorii perenosa chastits. Moskva, Izd-vo Akad. nauk SSSR, 1961. 157 p. (Akademiia nauk SSSR. Matematicheskii institut. Trudy, vol. 61)

HINDI LITERATURE—HISTORY AND CRITICISM
Chauhan, S. [Outline history of Hindi literature. Translated from the Hindi] Ocherk istorii literatury khindi. Obshchaia red., vstup. stat'ia i kommentarii E.P. Chelysheva. Moskva, Izd-vo inostr. lit-ry, 1960. 319 p.

HIP JOINT—TUBERCULOSIS
Importance of tomographic study for detection of early forms of tuberculous coxitis. R.A. Enikeeva. Sbor. trud. Uz. nauch.-issl. tub. inst. 3:141-145 '57.
Isolated tuberculous foci in bones of the hip joint causing growth disorders and development of bone deformity in the joint. O.L. Nechvolodova. Probl. tub. 39 no.3:49-56 '61.

HIROSHIMA
"Cain, where is thy brother?" Mezhdunar. zhizn' 8 no.6:128-135 Je '61.

HISTAMINE
Experimental study of the effect of active and "passive" forms of allergic reaction to tuberculous antigens on the reactivity of the organism to histamine [with summary in English]. V.A. Pradkin. Pat. fiziol. i eksp. terap. 4 no.2:16-22 Mr-Ap '60.

HISTOLOGY
"Principles of general histology and histological technic." Edited by Professor V.G. Elisseev. Reviewed by E.D. Logachev. Fel'd. i akush. 25 no.4:61 Ap '60.

HISTOLOGY—BIBLIOGRAPHY see Bibliography—Histology

HISTOLOGY—CONGRESSES
First conference of anatomists, histologists, and embryologists of Central Asia and Kazakhstan. A.V. Kracv and others. Arkh. anat. gist. i embr. 40 no.2:111-115 F '61.
[Transactions of the Second Histological Conference; plastic and restorative processes] Plasticheskie i vosstanovitel'nye protsessy, trudy Vtoroi gistologicheskii konferentsii, Moskva, Mosk. nauchn. ob-vo anatomov, gistologov i embriologov, 1959. 319 p. (DNLM)

HISTORICAL MATERIALISM see Dialectical materialism

HISTORICAL MUSEUMS
(see also subdivision under Kiev, Odessa, Prague, Zaporozh'ye)
The All-Russian Conference of the Directors of Local History Museums. Ist. SSSR 5 no.3:236 My-Je '61.

HISTORICAL RESEARCH
(see also subdivision under Kazakhstan, Saratov; Ukraine)
The annual general session of the Department of Historical Sciences of the Academy of Sciences of the U.S.S.R. Ist. SSSR 4 no.3:225-226 My-Je '61.
Historical research. Nov. i noveish. ist. no.3:160-166 '61.

HISTORICAL SOCIETIES
In the Soviet National Association of Historians of Natural Sciences and Technology. Trudy Inst. ist. est. i tekh. 38:321-327 '61.

HISTORY—AUDIO-VISUAL AIDS
History workbooks. V.F. Birlukov. Prep. ist. v shkole 16 no.3:79 My-Je '61.
Homemade visual aids on history. I.L. Eisymont. Prep. ist. v shkole 16 no.3:79-80 My-Je '61.

HISTORY—BIBLIOGRAPHY see Bibliography—History

HISTORY—CURIOSA AND MISCELLANY
Historical news. Prep. ist. v shkole 16 no.3:124-128 My-Je '61.

HISTORY—PHILOSOPHY
V.I. Lenin on the interpretation of the historical process. F.P. Shevchenko. Ukr. ist. zhur. 4 no.2:10-32 Mr-Ap '60.

HISTORY—STUDY AND TEACHING
"Basic problems in the method of teaching history in the upper grades" by A.A. Vagin, N.V. Sperenskaia. Prep. ist. v shkole 16 no.3:120-122 My-Je '61.
Educational methods conference. M.V. Khaina. Prep. ist. v shkole 16 no.3:122-123 My-Je '61.
"Extracurricular work on history." Reviewed by G.M. Bogdanov. Prep. ist. v shkole 16 no.3:102-105 My-Je '61.
Historical games. E.I. Khiterer. Prep. ist. v shkole 16 no.3:81-87 My-Je '61.
One of the shortcomings of history teaching in schools. N.P. Kuchminskaia. Prep. ist. v shkole 16 no.3:68-70 My-Je '61.
Review and survey lessons in history. M. Tupitsyn. Nar. asv. no.4:56-59 Ap '61.
Study of local lore as an effective means of contact between school and life. L. Il'ina and others. Nar. obr. no.5:inserti-16 My '61.
Toward the 22d Congress of the CPSU. Prep. ist. v shkole 16 no.3:3-8 My-Je '61.
Understanding and assimilation by grade 5 students of causal relationships among historical events. G.M. Mel'nikova. Uch. zap. Chel. gos. ped. inst. 6 no.1:152-172 '59.

HISTORY—TEXTBOOKS
Textbooks on the history of the Union Republics. A. Karin. Prep. ist. v shkole 16 no.3:88-94 My-Je '61.

HISTORY, ANCIENT
Rozin, E.L. [The state and law in the slaveholding period] Rabovladel'cheskoe gosudarstvo i pravo. Moskva, Vses. iurid. zaochnyi in-t, 1960. 32 p.

HISTORY, ANCIENT—BIBLIOGRAPHY see Bibliography—History, Ancient

HISTORY, MODERN
One day in the history of mankind. Iu. Filonovich. Sov. pech. no.6:21-24 Je '61.
"Readings in current history." Vols. 1-2. Reviewed by V.A. Dunaevskii, A.Z. Manfred. Nov. i noveish. ist. no.3:134-136 '61.
A review of foreign newspapers. Nov. i noveish. ist. no.3:166-172 '61.

HISTORY, MODERN—BIBLIOGRAPHY see Bibliography—History, Modern

HISTORY, MODERN—STUDY AND TEACHING
Using the materials of the Moscow Conference of the Representatives of Communist and Workers' Parties (November 1960) in studying the current history of foreign countries in secondary schools. D. Mel'tsar, Iu. Sovetkin. Nar. asv. no.3:75-84 Mr '61.

HISTORY, MODERN—TEXTBOOKS
What the new textbook should be? Summing up a discussion. Nov. i noveish. ist. no.3:85-87 '61.

HOCKEY see subdivision under Kalinin

HODGKIN'S DISEASE
Oncological characteristics of the new strain of lymphosarcoma in rats [with summary in English]. G.B. Pliss. Biul. eksp. biol. i med. 51 no.2:95-99 F '61.

HOISTING MACHINERY
Adjustment of hoisting machinery speed limiters. P.T. Koverda, Ugol' 36 no.5:55-56 My '61.
Anchorless method for transfering heavy loads. G.T. Vinogradov. Elek. sta. 32 no.5:77-78 My '61.
Control of the rotation direction of the hoist. A.T. Kulazev, A.I. Vinnik, N.N. Kulakov. Ugol' Ukr. 5 no.5:17-18 My '61.
Device for raising the crankshaft of the KDM-16 engine. Transp. stroi. 11 no.4:54 Ap '61.
Grabs for hoisting and shifting of sheet metal. A.P. Mikhailov. Bezop. truda v prom. 5 no.5:31 My '61.
Incident boom. G.T. Vinogradov. Elek. sta. 31 no.12:47-50 D '60.
Justification of the safety regulation norms for the diameter ratio of the winding mechanism and wire rope. B.D. Tikhovidov. Ugol' Ukr. 5 no.5:15-17 My '61.
"Malysh-1" portable hoist. IA. Mednis. Zhil.-kom. khoz. 11 no.2:25 F '61.
Precast reinforced concrete gantries for hoisting mechanisms. G.L. Shternberg, V.M. Gubanov. Gidr. stroi. 30 no.5:12-17 My '60.
Small electric hoists. G.L. Khigerovich. Energetik 9 no.5:21-24 My '61.
"Through the window" crane. Stroitel' no.4:27 Ap '61.
Two documents from the history of hoisting and rigging operations. Trudy Inst. ist. est. i tekh. 38:301-308 '61.

HOISTING MACHINERY—BRAKES
Determining the static safety of the brakes of mine drum hoists. I.S. Naidenko. Ugol' 36 no.5:51-55 My '61.

HOLIDAYS
(see also subdivision under Konotop District)
The holidays of wastefulness and the humiliation of human dignity. O. Bilous. Volov. ateist no.5:29-31 My '61.
We create a happy life ourselves. O.K. Dyplan. Volov. ateist no.4:27-29 Ap '61.

HOLLAND see Netherlands

HOME AND SCHOOL
(see also subdivision under Zaporozh'ye Province)
In the Ministry of Education of the R.S.F.S.R. Nach. shkola 29 no.5:91-93 My '61.
Parents come to vacation school. . . . . G.A. Kozyreva, S.L. Kheifits, N.A. Grunenysheva. Doshk. vosp. 34 no.5:69-72 My '61.

HOME ECONOMICS—STUDY AND TEACHING
Useful and beneficial studies. R. Krasnevskaia. Rab. i sial. 36 no.4:21-22 Ap '60.

HOME EDUCATION see Correspondence schools and courses

HOMEOSTASIS
Some facts and conclusions in the field of comparative physiology with reference to the problem of homeostasis [with summary in English]. Kh.S. Koshtoiants. Izv. AN SSSR, Ser. biol. no.3:377-385 My-Je '61.

HOMOGRAFTS
Histological processes during homografts of preserved rabbit skin. L.B. Berlin, M.M. Nezdatnyi. Dokl. AN SSSR 138 no.3:706-709 My '61.

HOMOLOGY THEORY
Correction to the article "Complete modular spectrum of cohomology rings of the (ttikhonov) product." M.F. Bokshtein. Mat. sbor. 53 no.2:200-203 F '61.

HOMOTOPY THEORY
Homotopy dualism for a space involving a group of operators. A.S. Shvarts. Dokl. AN SSSR 136 no.1:43-46 Ja '61.

HONCHAR, OLEKSANDR TERENTIIOVYCH, 1918-
Folk songs in Oles' Honchar's novelle. I R Semenchuk Nar tvorch ta etn 1 no 4 87-89 O-D '60

HONEY—TOXICOLOGY
Case of poisoning with "intoxicating"honey V M Bauman, V. Sh Shataev Gig i san 25 no 3 96-98 Mr '60

HONEY LOCUST
Introducing species of the genus Gleditschia L. K. F. Faizuldaev. Uzb. biol. zhur. no. 2:17-21 '61.
Wood of the Caspian honey locust. Z. A. Novruzova. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 1:73-80 '60.

HOPS
Effect of meteorological conditions on the accumulation of bitter substances and the morphology of cones in different hop varieties. D A. Garbuzova. Bot zhur 15 no 4, 551-555 Ap '60

HORIA, VINTILA
Survey of the foreign press Inostr lit no 4 216-224 Ap '61

HORMONE THERAPY
Blood protein fractions in brucellosis patients following treatment with antibiotics, vaccine, and hormone preparations. IU. N. Guskii, IU. F. Shcherbak. Lech. infekts. bol'. no. 4:219-228 '60.
Factor of permeability of the vessels in the treatment of chronic brucellosis. IU. F. Shcherbak. Lech. infekts. bol'. no. 4:296-305 '60.

HORMONES
"Chemical agents of life" [translated from the English] by T. V Venkstern. Khim. v shkole 15 no. 2:91 Mr-Ap '60.
Effect of various types of treatment of the dynamics of immunological indices in rheumatic fever in children E. S. Ryseva, E K Miesserova Vest AMN SSSR 15 no. 3 45-52 '60.
Neural and hormonal disorders in blood pressure regulation [with summary in English]. V. Raab. Terap. arkh 31 no 4 30-33 Ap '59.
Neurohormonal factors in the pathology of the heart and blood vessels [with summary in English] V. Raab Terap. arkh 31 no 4 34 Ap '59
New paths in the development of anesthesiology (use of hormonal and vitamin preparations). A. I. Briskin. Akt. vop. obezbol. no. 2:5-20 '59.

HORN BLUFF, ANTARCTICA—PETROLOGY
The Beacon sedimentary-volcanogenic series of Horn Bluff (George V Coast). D. S. Solov'ev. Trudy NIIGA 113:159-162 '60.

HORNBEAM—DISEASES AND PESTS
Tetranychid mites in the oak-hornbeam forests of the Lenkoran zone [in Azerbaijani with summary in Russian] S G. Khalilova. Uch. zap AGU. Biol ser no 1 31-36 '60.

HORNBLENDE see subdivision under Chuvadyr region (Tuva Autonomous Province)

HORSEMANSHIP see subdivision under Kazakhstan

HOSE—TESTING
Hydraulic testing of high-pressure hose on the KP-1609 apparatus. I. Storchak, G. Liaovskii. Tekh. v sel'khoz. 20 no. 4:61 Ap '60.

HOSIERY
Calculations for the manufacture of mesh hosiery on Cotton-type knitting machines. L. P. Ignatova, D T. Braga, Izv. vys. ucheb. zav , tekh. leg prom. no. 2: 112-118 '61.

HOSPITALS
(see also subdivision under Arzamas; Ashkhabad; Baku; Gibraltar; Lyubonichi; Moscow)
Determination of the requirements of the urban population for hospital services. F. M. Ilupina, V. D. Dubrovina, L. I. Gribkova. Sov zdrav. 20 no. 1:10-14 '61.

HOSPITALS—ADMINISTRATION
Experience in the brigade method in a municipal polyclinic. E. R. Agaev, V. A. Demidov. Sov zdrav 20 no 1:33-38 '61.

HOSPITALS—CONSTRUCTION
New standard designs for urban polyclinics. G. M. Vinogradov. Zdrav. Ros. Feder. 5 no. 5:36-37 My '61.

HOSPITALS—OUTPATIENT SERVICES
(see also subdivision under Kineshma; Moldavia; Moscow)
"Organization of the work of a dispensary in an urban hospital" by S. IA. Freidlin. Reviewed by A. Mokhnenko. Zdrav. Turk. 5 no 2:41-42 Mr-Ap '61.
Outpatient and polyclinic service for the urban population. L. A. Artamonova, P. I. Kal'in. Sov. zdrav. 20 no. 1: 17-21 '61.
Out-patient method of work at a rural health center and the role of subprofessional medical personnel in it. T. L. Neupokoeva. Med. sestra 20 no. 4:8-14 Ap '61.

HOSPITALS, GYNECOLOGIC AND OBSTETRIC see subdivision under Mordovia

HOT-AIR HEATING
Hygienic evaluation of a central system of air heating [with summary in English]. N. A. TSiper, M. S. Goromosov Gig. i san 25 no. 7-8-13 Jl '60.

HOT WATER SUPPLY
Movable kitchen-shower combinations. K. Kirill'chenko. Sel'. stroi. 15 no. 2 insert 5-6 F '61.

HOTBEDS
Hotbeds with a new system of soil heating. A. Vinogradova, N. Smirdina. Sel'. stroi. 15 no. 2:19-20 F '61.

HOURS OF LABOR
A great social achievement. A. kazanskii, A Ul'ianova. Vest stat. no 5,3-14 '61
In the cotton and flax enterprises of Moscow Province. I. N. Akimov. Tekst. prom. 20 no. 3 11-13 Mr '60
Ivanovo Province textile workers mobilize their resources. M. S. Kiselev. Tekst. prom. 20 no. 3:14-15 Mr '60.
Remizov, K. S. [Conversion to the short workday is one of the most important tasks of the seven-year plan] Perevod na sokrashchennyi rabochii den', odna iz vazhneishikh zadach semiletki. Moskva, 1960. 41 p. (NNC)
Second Plenum of the Central Committee of the Trade Union of Workers of the Geological Prospecting Organizations. E. S. Krivenko, A. I. Smirnov. Razved. i okh nedr 27 no. 4:50-53 Ap '61.
Shift to the shortened workday and introduction of the new wage system. B. Kalinin Rech. transp 19 no 3 7-9 Mr '60
They set an example. Tekst. prom. 20 no. 3:16-17 Mr '60.
Transition to a seven-hour workday. Tekst. prom. 20 no. 3:11 Mr '60.
Work schedule of drivers with the seven-hour workday. V. Mizinov. Avt. transp. 39 no. 4:30-33 Ap '61.

HOUSE FURNISHINGS INDUSTRY see subdivision under Moscow

HOUSE PLANTS
House plants for northern windows. V. F. Medvedskaia. Nach. shkola 20 no. 5:20-21 My '61.

HOUSEHOLD APPLIANCES
For home use. Zhil. -kom. khoz. 11 no. 2:3 of cover F '61

HOUSEHOLD APPLIANCES, ELECTRIC
Electricity should be a part of everyday life. G. Ivanov. NTO 3 no. 5:51-55 My '61.

HOUSEHOLD SANITATION see Sanitation, Household

HOUSING see subdivision under Irkutsk; Kiev

HOUSING—LAW AND LEGISLATION
Housing conflicts in Smolensk Province courts. G. Starodubtsev Sov. iust. no. 10 7-9 My '61
Judicial practice in civil law housing cases. R. Sydenko. Rad. pravo no. 3:52-58 My-Je '61.
Recent legislative enactments. Rad. pravo no. 3:139-142 My-Je '61.

HOUSING—STATISTICS
Problems of housing statistics; control units. Accounting for living space. N. M. Novosel'skii. Nauch. zap. Len. fin. -ekon. inst. no. 19:51-112 '59.

HOUSING, RURAL
Multistory housing construction on the collective farms. Z. Vasserman. Sel'. stroi. 15 no 3:4-5 Mr '61.

HOUSING FOR PHYSICALLY HANDICAPPED
Let's have more meat, milk, vegetables, and fruit. I. Soldatenkov, A. Dubov. Sots. obesp. 22 no. 5:32-34 My '61.

HOUSING MANAGEMENT
(see also subdivision under Yaroslavl)
Why apartment house maintenance office No. 15 became self-sustaining. IA. Skuratovskii. Zhil. -kom. khoz. 11 no. 2:11-12 F '61.

HRABOVS'KYI, PAVLO ARSENOVYCH, 1864-1902
"Collected works in three volumes" by Pavlo Hrabovs'kyi. Reviewed by V. M. Povazhna. Rad. lit. 5 no. 3:123-125 My-Je '61.
Forgotten writers. N. Nakorinkov. V mire knig 1 no. 2:40-41 F '61.

HULLS (NAVAL ARCHITECTURE)—CORROSION
Experimental checking on cathodic removal of rust from metal. V. Orlov. Rech. transp. 19 no. 3:44-46 Mr '60.

HUMAN EMBRYOLOGY see Embryology, Human

HUMANISTS see subdivision under Hungary

HUMERUS—WOUNDS AND INJURIES
Avulsion of the medial part of the humeral condyle. A. Zdenkovich Oskop travm i protez. 22 no. 1,79-80 Ja '61.

HUMIC ACID
Composition and optical properties of humic acids of some forest soils D F Sokolov, T. N Sudnitsyna. Dokl AN SSSR 136 no 4 931-934 Je '61.
Reactions of humic acids of peat with metallic salts. S E Bunkat Zhur prikl khim. 33 no. 10:2376-2381 O '60

HUMIDITY
(see also subdivision under Antarctic regions)
Determining the relative humidity of the air in fog. B. A. Aizenshtat, A I Neushkin Meteor i gidrol no. 6: 50-51 Je '61

HUMUS
(see also subdivision under China, Vietnam)
Dynamics of humus in soil under grassland-cotton rotation systems [in Azerbaijan with summary in Russian]. K. S. Ragimov. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 1 81-90 '60.
Effect of green manure on humus and nitrogen concentration in turf-Podzolic soils [with summary in English]. I. V. Tiurin, V. K Mikhnovskii. Izv. AN SSSR. Ser. biol. no. 3 337-351 My-Je '61.
Methods for investigating organic matter in peat-bog soils [with summary in English]. V. V. Ponomareva, T. A. Nikolaeva. Pochvovedenie no. 5.88-95 My '61.
Transformation processes of the organic matter of conifer and hardwood species and their effect on the composition of humus in leached Chernozems S V. Zonn, D F. Sokolov Trudy Lab. lesoved 1 61-85 '60.

HUNGARIAN PHYSICIANS see Physicians, Hungarian

HUNGARY—AGRICULTURE, COOPERATIVE
Propagandists in rural areas. Mihály Kovacs. Part. zhizn' no. 11, 63-64 Je '61.
A remarkable achievement. Part. zhizn' no. 11'60 Je '61.
We help rural party organizations. Gyula Egry. Part. zhizn' no. 11'60-61 Je '61.
With the collective. Imre Tökes, Pal Barkoczi. Part. zhizn' no 11'62-63 Je '61.

HUNGARY—ANATOMICAL RESEARCH
Research by Hungarian morphologists; from impressions of a visit to the Hungarian People's Republic. D. A. Zhdanov Arkh anat gist. i embr 38 no. 4 117-125 Ap '60

HUNGARY—BIBLIOGRAPHY
[New literature on European people's democracies: Hungary.] Nov. lit po evrop. stran. nar. dem.: Veng. no. 3 '61.

HUNGARY—BUILDING MATERIALS INDUSTRY
Hungarian research in the manufacture of construction materials. E. Reikhard. Stroi. mat. 7 no. 4:39-40 Ap '61.

HUNGARY—COAL MINERS
Tenth anniversary of the Miner's Day in Hungary. A. A. Boiko, K. K. Kuznetsov Ugol' 36 no. 4, 82 Ap '61.

HUNGARY—COMMERCE
People's Hungary puts Lenin's ideas into practice. Tausz Janos. Sov. torg. 33 no. 4:61-62 Ap '60.

HUNGARY—COMMUNIST PARTY
Party guidance of the work of mass organizations Yózsef Sándor Part zhizn' no 13 66-70 Jl '61.
Propagandists in rural areas. Mihály Kovacs. Part. zhizn' no. 11, 63-64 Je '61.
We help rural party organizations. Gyula Egry. Part. zhizn' no. 11'60-61 Je '61.
With the collective. Imre Tökes, Pál Barkoczi. Part. zhizn' no. 11'62-63 Je '61.

HUNGARY—DESCRIPTION AND TRAVEL
From Debrecen to Budapest. IUrii Nagibin. Znamia 31 no. 5:36-55 My '61.

HUNGARY—EDUCATION
On the road toward the introduction of the new educational system. M. Kirylau Nar. asv. no. 2:91-94 F '61

HUNGARY—HISTORY
New books on the history of political struggle in Hungary and Croatia in the early 20th century. V. I. Freidzon. Krat. soob. Inst. slav. no. 31:125-129 '61.

HUNGARY—HUMANISTS
Humanism in the Hungarian-Croatian state of the 15th century. I. N. Golenishchev-Kutuzov. Izv. AN SSSR. Otd. lit. i iaz. 19 no. 1:3-18 Ja-F '60.

HUNGARY—JOURNALISM
Shoulder to shoulder with friends. Norbert Siklosy. Sov. pech. no. 4:54-55 Ap '61.

HUNGARY—MEDICINE

Publication of the State Library of the History of Medicine of Hungary V. S Grazhul' Sov zdrav 20 no 4 82-83 '61

HUNGARY—PUBLIC HEALTH—PERIODICALS

Summaries of articles in "Egészségtudomany" (Public health) for 1959. L.S.Rozanov. Gig.i san. 25 no.7 110-111 Jl '60

HUNGARY—RELATIONS (GENERAL) WITH RUSSIA

Visiting with our Hungarian friends. G.A.Skotnikov Sred.spets.obr. 8 no 5:56-57 My '61.

HUNGARY—REVOLUTION, 1918-1919

Establishment of Soviet rule in Transcarpathia in 1919 V Kul'chyts'kyi Rad pravo no 2.68-74 Mr-Ap '60

V I Lenin on revolutionary events in Hungary, 1918-1919 M F Lebovych. Ukr ist zhur 4 no 2 51-65 Mr-Ap '60

HUNTING STORIES

Ternik, E.M. [At the hunt; selections] Na okhote; izbrannoe. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1960. 229 p.

HUSBAND AND WIFE

We discuss the letter "Who is the head of the family?" Ukraina no.10:31 My '61.

HUSSITES

"Tabor" by O E Ivanova, V. A. IAkubskii Reviewed by R A Piatkovskaia Prep ist v shkole 16 no 3 110-111 My-Je '61

HVIEZDOSLAV, pseud. see Orszagh, Pavol, 1849-1921

HYALURONIDASE

Effect of ascorbic acid and bioflavonoids on hyaluronidase activity [with summary in English]. A A Buev Biokhimiia 25 no 2 328-339 Mr-Ap '60

Importance of determining the hyaluronidase activity of blood serum in stomach cancer. Zdrav. Belor. 6 no.4:18-20 Ap '60.

Influence of antihyaluronidase serum from goats on the metastasing process of Brown-Pearce carcinoma in rabbits [with summary in English]. I. N. Maiskii, N. A. Kozlova. Biul. eksp. biol. i med 50 no. 10 101-105 O '60.

Use of lydase for hastening the opening of the cervix uteri and weakening the pelvic fundus to prevent cranial injury to the fetus and the newborn. O. I. IEvdokymov and others. Ped., akush. i gin. 22 no.4:57-59 '60.

HYBRID CORN

In the sectors of hybrid corn F Kriachko. Mol komm. no 5 38-40 My '61

HYDATIDS

Study of the serum proteins by the method of paper electrophoresis in patients with endemic goiter and echinococcosis I K Akhunbaev, IU. A. Volokh Khirurgiia 37 no 5-79-81 My '61.

HYDRACRYLIC ACID

Fluorine-containing β-lactones. Report No 2: β-trifluoromethyl-β-methyl-β-propiolactone I. L. Knuniants, IU A Cheburkov. Izv. AN SSSR, Otd khim nauk no. 5:808-810 My '61.

Fluorine-containing β-lactones. Report No. 3: Reactions of opening four-membered ring of β-trifluoromethyl-β-methyl-β-propiolactone. I. L. Knuniants, IU. A. Cheburkov. Izv AN SSSR Otd khim. nauk no. 5:811-813 My '61.

HYDRATES

Determination of water in compounds by use of the hydride method [with summary in English]. G.M. Toptygina. Zhur. anal. khim. 16 no. 2:201-204 Mr-Ap '61.

Determination of the water of crystal hydrates by titration with water in the presence of turbidity indicators. S. I. Spiridonova. Izv. vys. ucheb. zav; khim. i khim. tekh 4 no 2 186-188 '61.

HYDRATION

Studies in the field of the liquid phase hydration of acetylene on catalysts other than mercury. IAn TSzian'-shen [Yang Chien-sheng], R. M. Flid, V. A. Makhlin. Izv. vys ucheb zav., khim. i khim tekh 4 no 2.218-224 '61.

HYDRAULIC CONVEYING

Calculation of the suction qualities of a hydraulic transportation unit. A. P. Korshunov. Trudy Inst. gor. dela 5:39-44 '60.

Coal-suction airlift system. N. G. Rysin, V. S. Kostanda. Ugol' Ukr. 5 no. 5:33 My '61.

Experimental study of the process of transporting solid particles in an air flow [with summary in English]. B. F. Kalugin. Inzh.-fiz. zhur. 4 no.4:120-122 Ap '61.

New type of pressure hydraulic transportation. E. F. Ogarkov, I. G. Bardin, G. T. Shapoval. Izv. vys. ucheb. zav., gor. zhur. no. 12:73-77 '59.

Quickly detachable connections for spoil pipes. V. S. Khablov. Transp. stroi 11 no. 4.51-52 Ap '61.

Tensiometric pressure gauge for hydraulic conveying systems IU. A. Markov Ugol' 36 no 3-20-21 Mr '61.

HYDRAULIC ENGINEERING

From the pages of foreign periodicals. Gidr. stroi 30 no 5.55-60 My '60.

From the pages of foreign magazines. Gidr. stroi. 31 no 1 51-57 Ap '61.

Graphic method for calculating tailrace water levels as related to daily flow regulation under winter conditions N. Popov Rech. transp 19 no 2 38-40 F '60

Laboratory investigation of seepage under hydraulic structures. N. A. TSvetkova. Trudy SANIIRI 93 137-141 '58.

Method of preventing the blocking up of maritime and river hydraulic structures with sand and silt B A Shuliak Trudy Okean kom 8 192-194 '61

Principle underlying the establishment of a geodetic network on the territory of a hydroelectric power center. T S Danilenko. Izv vys. ucheb. zav., geod. i aerof. no. 6 33-41 '60.

Study of the nature of recent tectonic movements in areas of large hydraulic structures N. I Nikolaev Trudy MGRI 38 42-54 '60

HYDRAULIC ENGINEERING—BIBLIOGRAPHY see Bibliography—Hydraulic engineering

HYDRAULIC ENGINEERING—CONGRESSES

Conference on stream bed processes and hydraulic structural engineering. K L Popova. Izv AN Uz.SSR no 11-107-111 '56.

Eighth Congress of the International Association for Hydraulic Research. F. G. Gun'ko. Gidr stroi 30 no. 5 61 My '60.

HYDRAULIC ENGINEERING—STUDY AND TEACHING

Visiting with our Hungarian friends. G. A. Skotnikov. Sred. spets. obr. 8 no.5 56-57 My '61.

HYDRAULIC JUMP

Erosion capacity of the current in bottom hydraulic jump. A N Rakhmanov. Izv. VNIIG 63-3-25 '60.

Hydraulic jump patterns in the presence of a jet deflector A N Rakhmanov. Izv. VNIIG 65 41-62 '60.

HYDRAULIC MACHINERY

Investigation of the effect of the outflow edges of the suction blade of a hydraulic torque converter on the nature of the flow in the circulatory cycle. L. P. Grianko. Izv vys. ucheb. zav.; energ. 4 no. 4:103-108 Ap '61.

HYDRAULIC MACHINERY—TESTING

Evaluating the precision of measurements in testing hydraulic machines IU N Solov'ev. Izm tekh no 5: 54-56 My '60

HYDRAULIC MINING

(see also subdivision under Kuznetsk Basin)

Blazhevich, V. A. [Practical guide to hydraulic breaking of ore beds] Prakticheskoe rukovodstvo po gidravlicheskomu razryvu plasta. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 134 p.

Determination of the minimum distance of a monitor from the face. IU. V. Bubis, G. A. Nurok. Nauch. rab. stud. GNSO MGI no. 7:74-92 '59.

Effect of pulp motion in the troughs on the flow of ventilation air in the workings. F. S. Klebanov, V. I. Rossokhinskii. Ugol' 36 no. 5, 33-35 My '61.

Experiment in hydraulic gob filling. T. D. Basishvili, P. F. Skripka, G. N. IAtsyshen. Ugol' 36 no. 5, 31-33 My '61.

Experimental determination of the numerical value of the coefficient of consumption. S. S. Shavlovskii. Ugol' Ukr. 5 no. 5:18-19 My '61.

Hydraulic mining in wide work. L. V. Migin. Ugol' Ukr. 5 no. 5:13-14 My '61.

Nomographic charts from the calculations of the formulae of G. N. Roer for determining the critical speed and hydraulic incline of partially silt-filled pulp pipelines. T. I. Mel'nikov. Izv. vys. ucheb. zav., gor. zhur. no. 3:90-99 '60.

Parameters of breaking in the hydraulic removal of coal. V. A. Mazurov. Trudy Inst. gor. dela 5:32-36 '60.

HYDRAULIC MODELS

Geometric scale distortion of three-dimensional pressure models. G. N. Lapshin. Izv. VNIIG 64:155-176 '60.

Pneumatic wave generator for large-scale wave flumes. I. K. Nikitin. Trudy SANIIRI no. 99:25-35 '59.

HYDRAULIC PRESSES

Machining of large-size hydraulic press parts. G. S. Chernyi, I. N. Danilin. Kuz. shtam. proizv. 3 no. 5: 42-45 My '61.

Solving the problem of axially symmetric deformation of hydraulic press cylinders. L. Z. Kazanovich. Kuz. shtam. proizv. 3 no. 5:25-33 My '61.

HYDRAULIC PRESSES—TECHNOLOGICAL INNOVATIONS

Output of the press has been doubled. P. D. Mokhov, I. F. Kaplenkov. Mashinostroitel' no. 5:15 My '60.

HYDRAULIC RAMS

Using hydraulic rams. Mekh. shil'. hosp. 12 no. 6:30 Je '61

HYDRAULIC STRUCTURES

(see also subdivision under Kakhovka)

Design of velocity-regulating grids. I. I. Kukhianidze. Gidr stroi. 30 no. 5:38-39 My '60.

Heat calculations in planning water-intake structures on rivers with extremely icy conditions N N. Petrunichev. Izv VNIIG 63,27-40 '60.

Improving some types of precast construction of hydraulic structures. V. Kh. Gol'tsman. Gidr. stroi 30 no 5 9-12 My '60.

Internal pressure on asphalt keys of hydraulic structures and how to design them. N. F Shchavelev. Izv VNIIG 63:65-100 '60.

Long-term deformation resistance of loess foundations of hydraulic structures E. Mogilevskaia Izv VNIIG 64,179-190 '60.

[illegible]

dovaniia gidrotekhnicheskikh sooruzhenii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 190 p.

Ship lifting on movable ship hoisters M Kirichkin. Rech transp 20 no 3 36 Mr '61

Stiff concrete mixes for the interior areas of hydraulic structures V V Stol'nikov, TS. G. Ginzburg, R E. Litvinova. Izv. VNIIG 63:73-83 '60.

HYDRAULIC TURBINES

Water hammer in a low-pressure hydroelectric power station with a sudden loss of load and methods for studying it on a stand. L. A. Tepaks and others. Izv. vys. ucheb. zav.; energ. 4 no. 4:109-117 Ap '61.

HYDRAULIC TURBINES—CONGRESSES

Announcements. Gidr. stroi. 30 no. 5:64a My '60.

HYDRAULICS

Comparative study of the hydraulics of sieve plates with various overflow devices. V. V. Kafarov, A. S. Vigdorov. Khim. mash. no. 3:13-16 My-Je '61.

Dadenkov, IU. N., and P. E. Zubrii. [Hydraulic calculations of open channels] Gidravlicheskie raschety otkrytykh rusel. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 200 p.

Device for measuring low speeds of water flow. G. A. IUditskii Izv VNIIG 64:251-255 '60

"Energy interpretation of the concept of pressure in a liquid". S I Gorlunov Izv VNIIG 63:243-245 '60

Experimental study of the pulsation of hydrodynamic pressures on the reinforcing slabs of the tail race G. A IUditskii. Izv. VNIIG 65:117-124 '60

Head loss in sectional pipes before the spiral turbine casing in low-pressure hydroelectric power stations. I. A. Chernistin. Izv VNIIG 65:107-116 '60.

"Hydraulics" by N. L. Grigor'ev. Reviewed by V. Afanasov Rech. transp. 19 no. 2-3 of cover F '60

Laboratory investigation of the effect of daily regulation on the water level regime in the afterbay of a hydroelectric power station. E. K. Rabkova. Trudy TSNIIEVT no. 19:95-111 '60.

Studying hydrodynamic characteristics of streams below broad-crested weirs. M. S. Fomichev. Gidr. stroi. 30 no. 5:44-48 My '60.

Studying the kinematics of the wave resulting from the release of water from the reservoir. G. F. Fedorov. Trudy TSNIIEVT no. 19:83-95 '60.

Studying the structure of the bottom layer of a stream under conditions of turbulent flow in a rough channel. I. K. Nikitin. Trudy SANIIRI no. 99:43-64 '60.

HYDRAZINE

Compounds containing a three-membered oxide ring Part 27: Reactions of ethyl esters of some β-disubstituted glycidic acids with hydrazine hydrate. V F. Martynov, I. B. Belov. Zhur. ob. khim 31 no 5:1509-1510 My '61.

Formation of hydrazine by the action of gamma rays on liquid and solid ammonia. IU. A. Sorokin, S IA Pshezhetskii. Dokl. AN SSSR 138 no. 4:880-883 Je '61

Mechanism of reactions between phenylhydrazine and nitroso compounds studied with the aid of N^{15}. B. A Geller, L. S. Samosvat. Zhur. ob. khim. 31 no. 5: 1681-1684 My '61.

HYDRAZOIC ACID

Imides of phosphorus acids. Report No. 5: Reactions of trialkylphosphites with hydrazoic acid. M. I. Kabachnik, V. A. Gilyarov. Izv. AN SSSR. Otd. khim. nauk no 5:816-819 My '61.

HYDRIDES

Determination of water in compounds by use of the hydride method [with summary in English]. G.M. Toptygina. Zhur. anal. khim. 16 no. 2:201-204 Mr-Ap '61.

HYDRIDES (Continued)

Metastable hydride phase in the niobium - hydrogen system [with summary in English]. G V, Samsonov, M. M. Antonova, Zhur fiz. khim. 35 no.4 900-904 Ap '61

HYDROBENZOIN

Production of methylhydrobenzoin N A. Kopylova Med prom. 15 no.3 38-39 My '61.

HYDROCARBONS

Academician Boris Aleksandrovich Kazanskii, on the seventieth anniversary of his birth G I A Kondrat'eva, E A Mikhailova Zhur ob khim 31 no 5 1107-1416 My '61

Chromatographic separation of small amounts of gasoline-kerosine fractions into paraffin-naphthene and aromatic portions N E Podkletnov Izv. Sib otd. AN SSSR no. 3 106-109 '61.

Compressibility factor of ethane, propane, and n-butane below critical temperatures N.K. Kadyrov Trudy VNII DN no. 9 263-268 '60

Coordination conference on the expansion of the production of benzene and other aromatic hydrocarbons, V. L. Klimenko. Khim. i tekh. topl. i masel 6 no. 5 71-72 My '61.

Desolubilization of hydrocarbons from solutions of naphthenic acid soaps and potassium laurinate P A Demichenko, A V Dumanskii. Dokl AN SSSR 136 no 5 1139-1141 F '61

Economic aspects of the manufacture of aromatic hydrocarbons, V. M. Andrianov, P. A. Kholkhlakov. Khim. i tekh. topl. i masel 6 no. 5 44-48 My '61.

Formation of aerosols in the radiolysis of gaseous hydrocarbons V S Bogdanov. Dokl AN SSSR 136 no. 1 121-124 Ja '61

Formation of carbon black in the course of the decomposition and combustion of hydrocarbons. P. A. Tesner. Gaz prom. 6 no 5 46-53 My '61

Intermediate activated complexes in the catalytic oxidation of hydrocarbons. L IA. Margolis. Probl. kin. i kat. 10,410-414 '60.

Methods of isolating aromatic hydrocarbons from intermediate (kerosine) petroleum fractions. A. V. Topchiev and others. Trudy Inst. nefti 14;12-57 '60.

Reactions of six-membered cyclic hydrocarbons and the multiplet theory of catalysis. M. A. Landau, V. V. Shchekin. Trudy Inst. nefti 14;136-149 '60.

Some methodical processes in the study of high molecular weight hydrocarbons, L. N. Kvitkovskii, A. A. Petrov. Zhur. prikl. khim. 34 no. 3 613-621 Mr '61.

Structure of the radicals of compounds obtained in the alkylation of aromatic hydrocarbons by alcohols in the presence of boron trifluoride [with summary in English]. IU. P. Egorov. Zhur. fiz khim. 34 no 4 886-893 Ap '60.

Time of the formation of petroleum hydrocarbons. V. V. Vebel. Trudy VNIGNI no.10 211-218 '58.

Triethylene glycol as a selective solvent of aromatic hydrocarbons I. L. Gurevich, L. IU. Zhake Khim. i tekh. topl. i masel 6 no. 5:11-14 My '61.

Viscosity, density, and compressibility of certain binary hydrocarbon mixtures under high pressures. V. I. Sergeevich, S. L. Zaks. Trudy Inst. geol. i razrab. gor. iskop. 2:113-119 '60.

HYDROCARBONS—ANALYSIS

Partition chromatography of hydrocarbons from solid petroleum paraffins on carbamide. T. A. Bol'shova, G. L. Starobinets. Khim. i tekh. topl. i masel 6 no. 5: 17-21 My '61.

HYDROCARBONS—OPTICAL PROPERTIES

Deviation of the refraction dispersion of hydrocarbon mixtures from additivity. B. V. Ioffe, O. E. Batalin. Zhur. prikl. khim. 34 no. 3.603-613 Mr '61.

HYDROCARBONS—SPECTRA

Electron absorption spectra of some high molecular weight aromatic hydrocarbons. M. V. Shishkina, E. A. Prokof'eva, Al. A. Petrov. Trudy Inst. nefti 14;187-197 '60.

Mass-spectra and structure of organic compounds. Part 5. Mass-spectra of enyne hydrocarbons with a tertiary butyl radical at multiple bonds. A. A. Polikova and others Izv vys. ucheb zav , khim i khim tekh 4 no 2 321-324 '61

HYDRODYNAMICS

Approximate solution of equations of the free convection of a liquid near a vertical nonisothermal wall [with summary in English]. K. V. Etshin. Inzh.-fiz. zhur. 4 no.4;62-68 Ap '61.

Effect of surface tension on the motion of thin layers of a liquid in a centrifugal field [with summary in English]. R. Kh. Mukhutdinov. Inzh.-fiz. zhur. 4 no. 4 80-84 Ap '61.

Exchange of water between the transit flow and the eddy during the controlled widening of calm steady pressureless flows of a homogeneous liquid. E. K. Trubina. Izv. VNIIG 65:91-106 '60.

Frequency of cavitation in turbulent boundary layers and wake currents. V. I. Il'ichev. Dokl. AN SSSR 136 no. 5;1047-1050 F '61.

Kuznetsov, D. S. [Hydrodynamics] Gidrodinamika. Pod red. V. V. Golubeva. Leningrad, Gidrometeor. izd-vo, 1951. 390 p.

Measuring speeds of wave movement near the bottom on an inclined submerged slope D A Gentna, I IA Popov Izv VNIIG 63 231-238 '60

Moment of resistance encountered by a rotating disc in a closed casing. V. S. Sedach Izv. vys. ucheb. zav. ,energ. 4 no 4 66-74 Ap '61

Motion of gas-generating particles [with summary in English] D M Apter, Z F Chukhanov Inzh.-fiz zhur. 4 no 5 16-20 My '61

Movement of plastic (peat) mass in a cylinder. V. I. Korel. Izv. vys. ucheb. zav.; gor. zhur. no. 9;142-147 '59.

New method of investigating longitudinal turbulent diffusion in a duct [with summary in English] A I Zhernovoi Inzh.-fiz zhur 1 no 5 91-93 My '61

Stationary flow of a viscous incompressible fluid. I. I. Vorovich, V. I. IUdovich. Mat. sbor. 53 no. 4;393-428 Ap '61.

Subsurface motion of an eddy in a fluid I G Filippov Prikl mat i mekh 25 no 2 212-217 Mr-Ap '61

Theory of free finite oscillations of the interface of two unbounded heavy liquids having different densities IA I Sekerzh-Zen'kovich Dokl AN SSSR 136 no 1. 51-54 Ja '61

Velocity distribution in a uniform liquid flow [with summary in English]. F. P. Kovalenko. Inzh.-fiz. zhur. 4 no. 4 55-61 Ap '61.

HYDRODYNAMICS—CONGRESSES

Conference on Hydrodynamics and Mathematical Physics at the Kabardian-Balkar State University I M Karasev Usp mat nauk 15 no 2 249-250 Mr-Ap '61

HYDROELECTRIC POWER see subdivision under Transcaucasia; Ukraine

HYDROELECTRIC POWER STATIONS

(see also subdivision under Ufa River; also Dratsk Hydroelectric Power Station, Dnieper Hydroelectric Power Station; Ingur Hydroelectric Power Station, Irkutsk Hydroelectric Power Station, Krasnoyarsk Hydroelectric Power Station, Ladzhanuri Hydroelectric Power Station; Saratov Hydroelectric Power Station; Stalingrad Hydroelectric Power Station; Takhia-Tash Hydroelectric Power Station, Vilyuy Hydroelectric Power Station)

According to the great plan. M. Iniushin. Novyi mir 36 no. 1 167-209 Ap '60.

Chain hydroelectric power station. A. Golikov. Ogonek 30 no. 21 11 My '61.

Classifying the consumers of electric power at construction sites of hydroelectric power stations by categories of uninterrupted power supply. N. M. Andreev. Gidrotrol. 30 no. 5 26-29 My '60.

Contribution of the builders of electric power machines G. S. Shchegolev. Nauka i zhizn' 27 no. 4;10-14 Ap '60

The effect of trash rack framework, supporting beams, and debris collections on head loss. A. F. Burkov, S. A. Liuklna Izv. VNIIG 64;129-140 '60

Graphic method for calculating tailrace water levels as related to daily flow regulation under winter conditions N. I opov. Rech. transp 19 no. 2;30-10 F '60

Head loss in sectional pipes before the spiral turbine casing in low-pressure hydroelectric power stations. I A Chernatin. Izv. VNIIG 65;107-116 '60.

Heads of turbine water inlets. A. G Novikov. Gidr. stroi. 31 no. 1,48-50 Ap '61.

Hydraulics of the synchronized operation of a hydroelectric power station cascade on flat rivers. E. A. Sozanskii. Gidr. stroi. 31 no. 4;44-48 Ap '61.

Maintaining open water above hydroelectric power station structures and sluices by means of a machine for generating water currents P. I. Zotov, A. M. Lokshin Elek. sta. 31 no. 12,44-47 D '60.

Problems of the effectiveness of synchronized operation of a hydroelectric power station cascade. S. IA. Gura. Gidr. stroi. 31 no. 1;39-44 Ap '61.

Role of hydroelectric power stations in the electrification of the U. S. S. R. I I. Kandalov. Elek. sta 31 no 12-9-12 D '60.

Some characteristics of dredging operations in tailraces of hydroelectric power stations M. Doduchenko, IU. Zommer, P. Lisovskii Rech. transp 19 no 2: 36-38 F '60

HYDROFLUORIC ACID

Diagnostic and structural etching with hydrofluoric acid. V. N. Sergeev. Izv. Sib. otd. AN SSSR Geol. i geofiz no. 1;103-105 '58.

Reactivity of catalysts. Go Si'o-sian', Se An'-khuei, Guo Chzhun-zhu. Probl. kin. i kat. 10;435-443 '60.

HYDROGEN

Automation of hydrogen generators. V. T. Ustinov. Masl.-zhir. prom. 27 no. 5:41 My '61.

Composition of the liquid products obtained in the synthesis from CO and H_2 on talc catalysts. A. N. Bashkirov and others. Trudy Inst. nefti 14;76-84 '60.

Effect of some hydrogen carriers on grain growth. K. P. Petrov. Izv. vys. ucheb. zav. ;pishch. tekh. no. 2;27-32 '61.

Hydrofining of a diesel fuel distillate by means of hydrogen in the presence of carbon monoxide and carbon dioxide impurities. L. N Ospov and others. Khim. i tekh topl. i masel 6 no 5 15-17 My '61.

Metastable hydride phase in the niobium - hydrogen system [with summary in English]. G. V. Samsonov, M. M. Antonova. Zhur. fiz. khim. 35 no. 4;900-904 Ap '61.

Polarization of hydrogen nuclei in a free radical. G. S Ionkata. Zhur. eksp i teor fiz. 38 no 2,635-636 F '60.

Reduction of ferric oxide and magnetite by mixtures of hydrogen and carbon monoxide at low temperatures A G Merzhanov, G I Chufarov Zhur. prikl khim. 33 no 10,2212-2215 O '60

Solubility of acetaldehyde in compressed gases [with summary in English] D. S. Tsiklis, L I. Shender ei, A. N. Kofman. Zhur. fiz khim. 34 no. 4 760-772 Ap '60

Using a mixture of hydrogen and nitrogen for the removal of dissolved oxygen K. D. Omarova Zav. lab 27 no 5 551 '61

Work experience of a gas plant producing hydrogen and oxygen. V. L. Karpenko, N. P. Bloshchanenko, IU. I. Turbovets. Masl.-zhir. prom. 27 no. 5;37-39 My '61.

HYDROGEN—SPECTRA

Coefficient of continuous absorption of radiation by quasi-molecules of hydrogen. S. P. Ershovich Opt. i spektr. 8 no 3;307-311 Mr '60.

HYDROGEN BONDING

Hydrogen bond and the velocity of sound propagation in liquids A. I. Lutskii, A. N. Panova Akust. zhur. 6 no 1 126-128 '60.

HYDROGEN CHLORIDE

Admixture of hydrogen chloride and acetic acid to 1-cromeric 1, 5, 9-cyclododecatrienes. Dokl AN SSSR 130 no 2 373-376 My '61.

HYDROGEN-ION CONCENTRATION

Correlation between absorption spectra and pH of diphenylamine and some of its derivatives in ethanol solution [with summary in English]. P. M. Bugai, E. I. Filippova, A. S. Gol'berkova. Zhur. fiz. khim. 35 no. 4;825-827 Ap '61.

Factors having an effect on the quality of molding mixtures. D S. Williams. Lit. proizv. no. 5:36-40 My '61.

Oxidation-reduction processes in connection with the acidity regime of postmagmatic solutions [with summary in English]. A. A. Marakushov. Geokhimiia no. 3;214-221 '60.

Preparation of a solution for the detection of anions [with summary in English]. V V Vasil'ev, N. A Rodicheva Vest. LGU 16 no 10 145-147 '61

Stationary potentials of zinc and zinc amalgam in sulfate solutions containing variable quantities of zinc ions and hydrogen ions V. I. Kravtsov, A F Ermolova Dokl AN SSSR 136 no 5;1146-1149 F '61

Study of thoron and its reaction with hexavalent uranium [with summary in English]. V. A. Mikhailov. Zhur. anal. khim. 16 no. 2;141-149 Mr-Ap '61.

HYDROGEN PEROXIDE

Chemistry of dihydroresorcinol. Report No. 5: Reactions of cyclic β-diketonyl compounds with hydrogen peroxide in an alkaline medium S. I Zav'ialov, A. F. Vasil'ev, I P Vinogradova Izv AN SSSR. Otd khim nauk no 5;849-853 My '61.

Effect of hydrogen peroxide formed during enzymatic reactions on the process of synthesis of acetylcholine A A Miul'berg Fiziol zhur. 47 no. 5 643-649 My '61

Effect of sodium molybdate on the catalytic decomposition of hydrogen peroxide in the presence of dichromate [with summary in English]. E. Z. Nanobashvili. Zhur. fiz. khim. 34 no. 4;742-747 Ap '60

Electrochemical and corrosion behavior of semiconductors in electrolyte solutions. Part 1: Electrode reactions on germanium in sulfuric acid solutions in the presence of hydrogen peroxide [with summary in English]. N. D. Tomashov, E. N. Paleolog, A. Z. Fedotova. Zhur. fiz. khim. 34 no. 4,833-840 Ap '60.

Higher hydrogen peroxide and frozen radicals. Part 3: Kinetics of decomposition of peroxide-radical condensates formed from dissociated water vapor [with summary in English]. I. I. Skorokhodov and others. Zhur. fiz. khim. 35 no. 4;905-910 Ap '61.

Physicochemical study of the electrosynthesis of concentrated hydrogen peroxide from its elements. Part I Kinetics of the electrosynthesis of H_2O_2 [with summary in English]. N. I. Kobozev, I. A. Semiokhin, V. G. Sindiukov. Zhur. fiz. khim. 34 no. 4;773-781 Ap '60.

Spectrophotometric study of the system $UO_2(NO_3)_2$ - ROH - H_2O_2 - H_2O, where R = Na, K, A M Gurevich and others. Radiokhimiia 2 no. 1;32-43 '60.

HYDROGEN SULFIDE

Commercial use of hydrosulfide corrosion inhibitors in oil wells. T. Kh. Manakhova and others. Trudy AzNII DN no. 9;299-310 '60.

HYDROGEN SULFIDE (Continued)
Microbiological investigations of the sulphur beds of the Carpathian Mountain region. Part 3. Formation of hydrogen sulfide in the Yazov sulphur bed [with summary in English] M. V. Ivanov, M. F. Kostruba. Mikrobiologiia 30 no. 1 130-134 Ja-F '61

HYDROGENATION
Catalytic hydrogenation of organic oxides in a flow system at a high hydrogen pressure. N. I. Shuikin and others. Dokl. AN SSSR 136 no. 5 1120-1122 F '61
Effect of the structure of compounds on the kinetics and direction of their catalytic hydrogenation. Part 1. Conjugation energy and the kinetics of hydrogenation of benzene, pyridine, and pyrrole. A. A. Balandin, M. I. Khadeke'l', V. V. Patrikeev. Zhur. ob. khim. 31 no. 5 1416-1423 My '61
Hydrogenation of nitriles. A. M. Sokol'skaia and others. Izv. AN Kazakh. SSR. Ser. khim. no. 2:93-100 '60
Hydrogenation of nitriles. Report No. 1: Hydrogenation of isophthalonitrile on a cobalt catalyst. D. V. Sokol'skii, F. Bazhanov. Izv. AN Kazakh. SSR. Ser. khim. no. 2 101-104 '60
Hydrogenation of sodium polybutadiene. A. I. IAkubchik, B. I. Tikhomirov, L. N. Mikhailova. Zhur. prikl. khim. 34 no. 3 652-655 Mr '61.
Hydrogenation of unsaturated compounds, while maintaining a constant concentration in the solution. D. V. Sokol'skii, G. I. Tret'iakova. Dokl. AN SSSR 136 no. 2 399-401 My '61
Principles for the selection of catalysts for liquid phase hydrogenation. D. V. Sokolovskii. Probl. kin. i kat. 10 178-186 '60
Promoting a skeletal nickel catalyst. Report No. 1: Hydrogenation of m-nitrophenol. N. I. Shcheglov, D. V. Sokol'skii, A. A. Ishchenko. Izv. AN Kazakh. SSR. Ser. khim. no. 2 81-88 '60
Promoting a skeletal nickel catalyst. Report No. 2: Hydrogenation of methyl ethyl ketone. N. I. Shcheglov, D. V. Sokol'skii, A. A. Ishchenko. Izv. AN Kazakh. SSR. Ser. khim. no. 2 89-92 '60.
Selection of high temperature sulfide catalysts for various cases of destructive hydrogenation. I. V. Kalechits. Probl. kin. i kat. 10 121-127 '60
Selectivity of the action of catalysts in hydrogenation and reduction reactions. L. Kh. Freidlin. Probl. kin. i kat. 10 187-191 '60
Study of gaseous reactions in catalytic hydrogenation by electrochemical methods. A. I. Krasil'shchikov, L. G. Antonova. Probl. kin. i kat. 10:172-177 '60
Studying the mechanism of the destructive hydrogenation of benzene with the aid of tagged atoms. I. V. Kalechits, V. G. Lepovich, V. V. Vykhovanets. Dokl. AN SSSR 136 no. 2 381-383 My '61.
Two types of elementary reaction in the catalytic hydrogenation of olefins. R. E. Mardaleishvili and others. Dokl. AN SSSR 136 no. 1, 155-156 Ja '61
Use of a semipermeable membrane in the study of the chain characteristics of surface reactions. M. I. Temkin, L. O. Apel'baum. Probl. kin. i kat. 10 392-397 '60

HYDROGRAPHIC SURVEYING
Use of polaroid light filters in aerial maritime surveying. A. M. Kuzina, N. S. Ramm, I. V. Semenchenko. Izv. vys. ucheb. zav., geod. i aerof. no. 6:93-95 '60.

HYDROGRAPHY
(see also subdivision under Ukraine, Western)
Combined method of measuring. IU. Mekaev. Rech. transp. 20 no. 3 48 Mr '61.

HYDROLOGY
(see also subdivision under Amu Darya Valley; Caspian Sea, Dnieper Valley, Mozhaysk Reservoir; Syr Darya Valley)
Calculating the unsteady flow of water in the afterbays of hydroelectric power stations by the G. P. Kalinin and P. I. Miliukov's method. A. P. Zhidikov. Trudy TSIP no. 99 68-79 '61.
Chain calculation of expected runoff rates, water losses, and resources with the determination of their probable values. A. D. Savarenskii. Dokl. AN SSSR 136 no. 1: 159-162 Ja '61.

HYDROLOGY—BIBLIOGRAPHY see Bibliography—Hydrology

HYDROLOGY—RESEARCH
Forty years of the Soviet Hydrometeorological Service. A. A. Zolotukhin. Meteor. i gidrol. no. 6:3-12 Je '61.
Scientific conference at the State Hydrological Institute on the work results of 1960. K. P. Klibashev. Meteor. i gidrol. no. 6:64-65 Je '61.

HYDROLOGY—STUDY AND TEACHING
Methodology for conducting hydrometric work. N. A. Antimonov. Geog. v shkole 24 no. 3:27-36 My-Je '61.

HYDROLYSIS
(see also subdivision under Leningrad; Saratov)
Catalytic conversions of the mixture of products from a combined hydrolysis of methylphenyldichlorosilane and trimethylchlorosilane. K. A. Andrianov, T. A. Krasovskaia, T. I. Ponomareva. Plast. massy no. 6:21-24 '61.

HYDROMETALLURGY
Combined flotation-hydrometallurgy flowsheet for copper recovery from mixed oxide-sulfide ores. N. V. Zashikhin, P. M. Perlov. Trudy Mekhanobr no. 125. 35-56 '60.

HYDROMETER—TESTING
Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 261-56 for checking aerometers] Instruktsiia 261-55 po poverke aerometrov. Izd. ofitsial'noe. Moskva, 1957. 32 p.
Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 267-54 for checking glue concentration measuring devices] Instruktsiia 267-54 po poverke kleemerov. Izd. ofitsial'noe. Moskva, 1955. 28 p.

HYDROPHOBIA see Rabies

HYDROPLANE BOATS
Hydroplanes in forest protection. A. E. Zolotavin, A. L. Razboinikov. Les. khoz. 14 no. 6:76-77 Je '61.

HYDROQUINONE
Fries rearrangement in the 2, 6-dinitrohydroquinone series. R. P. Evstigneeva, V. M. Rzheznikov, N. A. Preobrazhenskii. Zhur. ob. khim. 31 no. 5 1534-1537 My '61

HYDROSTATICS
Tensile strength of liquids under hydrostatic tension. L. A. Gromov, M. K. Baranaev. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 2 320-321 '61

HYDROTHERAPY
Pyatigorsk. Piatigorskii gosudarstvennyi nauchno-issledovatel'skii bal'neologicheskii institut. [Current problems in balneotherapy; results of a meeting in honor of the 40th anniversary of the Soviet regime] Aktual'nye voprosy bal'neoterapii, itogi nauchnoi sessii, posviashchennoi 40-letiiu Sovetskoi vlasti. Stavropol' na Kavkaze, Izd-vo gazety "Stavropol'skaia pravda," 1960. 174 p.
(DNLM)

HYDROXIDES
Coprecipitation of germanium with hydroxides of iron and other metals [with summary in English]. Kh. IA. Kuus. Zhur. anal. khim. 16 no. 2:166-170 Mr-Ap '61.

HYDROXYLAMINE
Separation of niobium and tantalum by the extraction of a niobium N-benzoylphenylhydroxylamine complex. I. P. Alimarin, O. M. Petrukhin, Tsze IUn'-shan (Chien Yun-hsiang). Dokl. AN SSSR 136 no. 5 1073-1074 F '61.

HYGIENE
Hygiene is the medicine of tomorrow. D. S. Otlova. Nauka i zhizn' 27 no. 4:53-57 Ap '60.
If you want to be healthy. A. Gerasimov. V mire knig 1 no. 5:14-15 My '61.
Review of F. Krotkov and I. Seleskeridi's article on "Hygiene" in vol. 6 of the "Large medical encyclopedia," 2d edition, 1956. A. A. Minkh. Vest. AMN SSSR 15 no. 4 87-88 '60.
"Your health" by B. D. Petrov. Reviewed by N. A. Bogolavlenskii. Fel'd. i akush. 26 no. 5:63-64 My '61.

HYGROMETRY
Determining the moisture content of a blast furnace blow. A. M. Chernyshev, L. M. Tsylev, B. A. Gess-de-Kal'vo. Trudy Inst. met. no. 4:53-57 '60.

HYMENOPTERA see subdivision under Uzbekistan

HYPERFRAGMENTS—DECAY
Nonmeson decays of hyperfragments [with summary in English]. I. B. Berkovich and others. Zhur. eksp. i teor. fiz. 38 no. 2,423-425 F '60.

HYPERGEOMETRIC FUNCTIONS see Functions, Hypergeometric

HYPERTENSION
Characteristics of vascular permeability in experimental hypertension [with summary in English]. M. F. Shirotina. Pat. fiziol. i eksp. terap. 4 no. 4 39-41 Jl-Ag '60.
Diagnostic and pathogenetic boundaries between hypertension and atherosclerosis [with summary in English] A. L. Miasnikov. Terap. arkh. 31 no. 4 17-30 Ap '59.
Electric anesthesia in treating hypertension [with summary in English]. G. K. Lavskii and others. Terap. arkh. 31 no. 4, 62-70 Ap '59
Electrophoresis of platyphylline in the compound treatment of hypertension. N. A. Glagoleva. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 1 57-61 '61.
Experimental investigation of the pathogenesis of arterial hypertension. M. I. Hurevych. Fiziol. zhur. [Ukr.] 7 no. 3:385-394 My-Je '61.
Further considerations on thiamine dehydrogenase [with summary in English]. IU. M. Ostrovskii. Biul. eksp. biol. i med. 50 no. 7:66-68 Jl '60.
Gas-exchange and hemodynamics in experimental portal hypertension with ascites [with summary in English]. G. I. Markovskaia. Pat. fiziol. i eksp. terap. 4 no. 4: 26-32 Jl-Ag '60.
Hemodynamic changes in hypertension patients following treatment at the Archman Health Resort. D. M. Allaberdyev. Zdrav. Turk. 5 no. 2 12-17 Mr-Ap '61
Hypertension. E. I. Kocherova's'kyi. Nauka i zhyttia 11 no. 4:51-52 Ap '61.
Hypertension in adolescents and youth, its prevention and treatment. L. T. Antonova. Med. sestra 20 no. 3:3-7 Mr '61.
Intraocular pressure and pressure in the central artery of the retina in patients with hypertension and glaucoma following the use of reserpine [with summary in English]. O. L. Kobozeva. Oft. zhur. 16 no. 3:139-144 '61.
Paroxysms of slow waves on the electroencephalogram of a patient with hypertension. L. I. Il'ina, S. S. Brukidze. Klin. med. 39 no. 5:31-36 My '61
Relationship between injuries of the brain and the development of hypertension. N. I. Moiseeva, A. I. Listova, G. D. Luchko. Klin. med. 39 no. 5,27-30 My '61.
Selection of anesthesia in hypertension. L. N. Bolkhovitinova. Trudy 1-go MMI 3:27-34 '57.

HYPERTHYROIDISM
Functional state of the adrenal cortex in hyperthyroidism before and after surgical treatment. G. V. Smba. Khirurgiia 37 no. 5:95-96 My '61
Postoperative mortality in hyperthyroidism. N. S. Maliugin. Khirurgiia 37 no. 5:101-106 My '61
Secretory function of gastric glands in patients with thyrotoxicosis treated with 6-methylthiouracil. N. I. Shtel'makh. Probl. endok. i gorm. 7 no. 2 80-84 Mr-Ap '61
Some difficulties in the treatment of thyrotoxicoses with radioactive iodine. G. A. Gol'dberg. Probl. endok. i gorm. 7 no. 2 72-74 Mr-Ap '61
Therapeutic use of I^{131} in patients with a severe form of thyrotoxicosis. V. G. Spasitseva. Khirurgiia 37 no. 5: 106-112 My '61

HYPERTONIC SOLUTIONS
Problem of the use of hypertonic solutions with chemical therapeutic preparations. G. L. Faver. Antibiotiki 5 no. 2 119-120 Mr-Ap '60.

HYPERVITAMINOSIS
Influence of large doses of various preparations of vitamin D on the rise of hypervitaminosis under experimental conditions. G. M. Khvul', IA. M. Gusova's'kyi, V. P. Vondt. Ped., akush. i gin. 22 no. 4:30-33 '60.

HYPNOTISM
Comparative study of the action of suggestion made during a state of alertness and during hypnosis [with summary in English]. I. I. Korotkin, M. M. Suslova. Zhur. vys. nerv. deiat. 10 no. 2:173-179 Mr-Ap '60.
Effect of barbiturates on the higher nervous activity in rabbits during hypnosis [with summary in English]. G. I. TSobkallo, M. K. Kolinina. Zhur. vys. nerv. deiat. 11 no. 1 157-161 Ja-F '61.

HYPNOTISM—THERAPEUTIC USE
Features of the course and treatment of chronic alcoholism in women [with summary in French] A. A. Litmanovich. Zhur. nevr. i psikh. 60 no. 11:1515-1517 '60.
Some problems in hypnotherapy in alcoholism. A. A. Litmanovich. Vop. psikh. i nevr. no. 5:270-272 '59.

HYPOBROMITES
Conjugated systems. Part 135. Course of the addition of alkylhypobromites and lithium-alkyls to vinylpropenylacetylene. A. A. Petrov, IU. I. Porfir'eva, V. A. Kormer. Zhur. ob. khim. 31 no. 5 1618-1624 My '61.

HYPOBROMOUS ACID
Bromination of unsaturated compounds. Part 5: Kinetics and mechanism of the bromination of the ethylenesulfonate ion by hypobromous acid. N. P. Kanibev. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 2 225-228 '61

HYPODERMIC INJECTIONS see Injections, Hypodermic

HYPOGLYCEMIA
Conditioned reflex insulin hypoglycemia [with summary in English]. S. V. Zakahrov. Zhur. vys. nerv. deiat. 10 no. 2:280-284 Mr-Ap '60.

HYPOPHYSECTOMY
Changes in the higher nervous activity of rats following hypophysectomy. V. M. Ivanov. Zhur. vys. nerv. deiat. 11 no. 1:180-185 Ja-F '61.

HYPOPHYSIS CEREBRI see Pituitary body

HYPOTHALAMUS
Case of functional disorder of the hypothalamus-hypophysical region. V. M. Lotman. Probl. endok. i gorm. 7 no. 2 101-103 Mr-Ap '61.
Gas exchange in experimental hypothalamic adiposity [with summary in English]. IA. M. Kubak, S. M. Leites, V. P. Al'khimenkuk. Biul. eksp. biol. i med. 51 no. 2:14-20 F '61.
Hypothalamic regulation of the pars intermedia of the pituitary body. A. A. Voitkevich. Dokl. AN SSSR 136 no. 3:710-713 My '61.

HYPOTHALAMUS (Continued)

Lesion of the hypothalamus region in viral influenza [with summary in French] V. R Rubtsova Zhur. nevr i psikh. 60 no 11,1407-1409 '60.

Mechanism of hypothalamic regulation of cardiac activity N. P Smirnova Fiziol zhur 47 no 2:165-190 F '60.

Significance of the hypothalamus in the regulation of the anterior pituitary lobe B. V Alcshin Usp. sovr biol 49 no.1 115-135 Ja-F '60

HYPOTHERMIA

Calculation and measurement of the heat flow passing through the skin in sudden cooling G D Latyshev Vop. kur , fizioter i lech fiz kult 26 no 1 64-67 '61

Change in temperature topography in hypothermia L. I Murskii, A M. Malygin Nauch dokl vys. shkoly, biol nauki no. 2 80-86 '61.

Changes in the interoceptive metabolic reflexes under hypothermia [in Azerbaijani with summary in Russian]. A. I. Kuraev, A. G. Dadashev. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 1 17-25 '60.

Effect of deep hypothermia on the carbohydrate-phosphorus metabolism of brain tissue [with summary in English] G. A. Nechaeva. Biul. eksp. biol. i med. 49 no 3 54-57 Mr '60.

Effect of hypothermia on agglutinin production and on changes in blood serum protein fractions during vaccination [with summary in English] V I. Andrietchenko, L IA. Danilova Pat. fiziol i eksp terap 4 no.2-32-37 Mr-Ap '60

Effect of salcolysin on regeneration in amphibia and on tumors in mice under light hypothermia [with summary in English]. E. Ch. Pukhal'skaia. Biul. eksp. biol. i med. 49 no. 3 97-101 Mr '60.

Functional state of interoceptors and central links of the reflex arc of vascular reflexes in hypothermia. M. A. Kondratovych. Fiziol. zhur. [Ukr.] 7 no. 3:424-431 My-Je '61.

Indications for the use of artificial hypothermia in lung surgery. M. I. Perel'man, F. M. Ioffe. Akt. vop. obezbol. no. 2:131-143 '59.

HYSTERESIS

Effect of small additions of cobalt on the hysteresis loop in nickel-zinc ferrites. A. D. Sokolov, IA. S. Shur. Fiz. met. i metalloved. 11 no. 5:681-685 My '61.

Measuring the losses due to hysteresis in thin films in a rotating magnetic field. N I. Sudakov and others Izv. AN SSSR Ser. fiz. 25 no. 5:643-646 My '61.

HYSTERIA

Cataneuses of patients with hysteria M. D. Vavilova. Vop psikh i nevr no 5 273-275 '59

Study of the higher nervous activity in hysteria patients L G. Pervov Vop psikh i nevr. no 5.297-298 '59

IABLOCHKINA, ALEKSANDRA ALEKSANDROVNA, 1866-

IAblochkina, A. A. [Seventy five years in the theater] 75 let v teatre. Moskva, Vserossiskoe teatral'noe ob-vo, 1960. 520 p.

IABLONS'KA, HALYNA HILIARIVNA

By means of growth Oleksandr Stryzhevs'kyi Mystetstvo 6 no. 2.36-37 Mr-Ap '61.

IAKOVLEV, NIKOLAI NIKOLAEVICH, 1870-

Nikolai Nikolaevich IAkovlev; on his 91st birthday. M. V. Kulikov. Sov. geol. 4 no. 3:144-148 Mr '61.

IAKOVLEV, SERGEI ALEKSANDROVICH, 1878-1957

Sergei Aleksandrovich IAkovlev; obituary. Mat. VSEGEI. Chet. geol. i geomorf. no. 2:5-9 '59

IAROSHENKO, NIKOLAI ALEKSANDROVICH, 1846-1898

Portrait of L. Pevzn by N. IAroshenko. L Vladich. Iskusstvo 24 no. 5:72 '61.

ICE see subdivision under Angara River, Lazarev Station, Antarctica

ICE—COMPOSITION see subdivision under Baikal, Lake

ICE—MANUFACTURE

Bobkov, V. A. [Manufacture of ice and its uses] Proizvodstvo i primenenie vodnogo l'da. Moskva, Gos. izd-vo torg. lit-ry, 1961. 165 p.

ICE AGE see also subdivision 'Glacial epoch' under Altai Mountains; Antarctic regions; Asia, Central; Don Valley; Kola Peninsula; Moscow Province; Siberian Platform; Sikhote-Alin' Range; White Russia

ICE CARVING see subdivision under Leningrad

ICE CAVES

Barkhans and hydrolaccoliths of the Chara Valley. V. S. Preobrazhenskii. Priroda 50 no. 5:93-95 My '61.

ICE CRYSTALS

Laboratory method of studying the speed of crystal growth in frazil ice. L. A. Bukina. Izv. AN SSSR. Ser. geofiz. no. 6:947-950 Je '61.

Optical phenomena observable on ice crystals. F. IA. Klinov. Trudy GGO no 109 100-113 '61

Results of the study of crystalline precipitation forms in the Mirnyy region V M Kotliakov, M A Kuznetsov Inform biul Sov antark eksp no 21 21-25 '60

ICE FISHING

Near the camp fire. Sov. voin 11 no. 6-32 Mr '60

ICE ON RIVERS, LAKES, ETC.

(see also subdivision under Central Black Earth region; Kakhovka Reservoir, Kama Reservoir)

Approximation method of calculating the load capacity of ice D F. Panfilov Izv VNIIG 65 221-224 '60

Blackening the surface of ice: a method of speeding the spring ice thaw A M Estifeev, A I Pekhovich, S M Alelnikov Izv VNIIG 65:139-147 '60

Experimental research into the load capacity of ice. D F Panfilov, Izv VNIIG 64 101-115 '60

Heat calculations in planning water-intake structures on rivers with extremely icy conditions N. N Petrunichev Izv VNIIG 63 27-40 '60.

Load determination and estimation of the stability of facing slabs of a slope during the action of ice frozen to them. G I Zhelankin. Trudy TSNIIEVT no 19:112-120 '60.

Methods of calculating and forecasting the breakup of reservoirs. B. M. Ginzburg, I. V. Bakashova Trudy TSIP no. 100:3-64 '60.

Tsigulian, IU. O. [Artificial structures over streams subject to icing] Iskusstvennye sooruzhenila na vodotokakh s naledlami. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 78 p.

ICE SHOWS see subdivision under Lvov

ICEBERGS see subdivision under Antarctic regions, Mirnyy region, Antarctica

ICELAND SPAR

(see also subdivision under Balkhash Lake region; Siberian Platform)

Bitumen in Iceland spar. M. E. Ramenskaia. Trudy VNIIP [MS] 3 no. 2 73-79 '60

Efficient use of Iceland spar. N. I. Andrusenko, A. A. Vishnevskii. Trudy VNIIP [MS] 3 no 2 81-88 '60.

Preservation of Iceland spar crystals in loose deposits. L. I. Chetverikov. Trudy VNIIP [MS] 3 no. 2 123-124 '60.

ICELAND SPAR CRYSTALS see subdivision under Nagorno-Karabakh Autonomous Province

ICHNEUMON FLIES

Embryonic development of Ephedrus plagiator Nees. O. M. Ivanova-Kazas Nauch. dokl. vys. shkoly, biol. nauki no. 2 65-67 '61

Berg, L. S. [Selected works] Izbrannye trudy. Moskva, Izd-vo Akad. nauk SSSR.

Vol. 4. [Ichthyology- Ikhtiologiia. 1961. 746 p.

ICONOCLASM

Ilarion, Metropolitan of Winnipeg and All Canada, [Iconoclasm; historical and dogmatic monograph. Lectures at the Orthodox Theological Academy at the St. Andrew College in Winnipeg] Ikonoborstvo; istorychno-dogmatychna monografiia. Vyklady v Pravoslavnii Dukhovnii Akademii pri Kolegii sv. Andreia v Winnipegu. Winnipeg, Vydannia Ukr. Greko-pravoslavnoi tserkvi v Kanadi, 1954. 239 p.

IDEALISM

Cherkashin, P. P. [The gnostological roots of idealism] Gnoseologicheskie korni idealizma. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 237 p.

IGARKA REGION—POTATOES

Dynamics of growth and development of potatoes in the Yenisey Valley north of the Arctic Circle [with summary in English] M N. Goncharik. Bot. zhur. 45 no 4:507-523 Ap '60

IGNEOUS ROCKS see Rocks, Igneous

IKAVITTS, EDUARD KHRISTIANOVICH, 1831-1889

Concerning P. M. Krylov's article, "E. Kh. Ikavitts, distinguished Tambov physician." B. D. Petrov. Zdrav. Ros. Feder. 5 no. 5:38-39 My '61.

IKHNACH MASSIF—GEOLOGY, STRUCTURAL

Dikes in the Ikhnach region and their relationship to formations of intrusives and skarns F. A. Usmanov. Uzb. geol. zhur. no. 2 15-23 '61

ILARION, Metropolitan of Winnipeg and all Canada, 1882-

[Jubilee book in honor of the 75th birthday and the work of Metropolitan Ilarion (1882-1957)] Iuvileina knyha na poshanu Mytropolyta Ilariona u 75-littia loho zhyttia i pratsi, 1882-1957. Winnipeg, 1958, 318 p.

ILEUM

Age-related peculiarities in the structure of the ileocecal and appendicular valves. A. I. Saidaliev. Med. zhur. Uzb. no. 11:56-60 N '60.

ILI DISTRICT—SUGAR BEETS

We expect a high yield of sugar beets. P. Lysenko. Part. zhizn' Kazakh. 31 no. 5:29-31 My '61.

IL'ICHEVSKIY DISTRICT (SOUTH KAZAKHSTAN PROVINCE)—STATE FARMS

On N. S. Khrushchev's advice. V. Kulikov. Part. zhizn' Kazakh. 31 no. 6 33-36 Je '61.

ILLICIT DISTILLING see Distilling, Illicit

ILLUMINATION OF BOOKS AND MANUSCRIPTS

Album of designs and drawings of headpieces in manuscripts of the collections of the Troitse-Sergiev Lavra. Zap. Otd. ruk. no. 22:217-311 '60.

ILLUMINATION OF BOOKS AND MANUSCRIPTS—CATALOGS

Catalog of miniatures, ornaments, and engravings from the collections of the Troitse-Sergiev Lavra and the Moscow Ecclesiastical Academy. T. B. Ukhova, S. A. Klepikov. Zap. Otd. ruk. no. 22 74-104 '60.

Table of groups of manuscripts with related ornaments. Zap. Otd. ruk. no. 22 14-17 '60.

ILLUSTRATION OF BOOKS

An illustrator of the collections of folk poetry. S. Muzychenko Nar. tvorch ta etn 5 no. 1,118-150 Ja-F '61

IL'MEN MOUNTAINS—AESCHYNITE

Yttrium aeschynite from the Il'men Mountains B. A Maksimochkin, E M. Es'kova, K A Gonibesova. Trudy Inst min , geokhim i kristallokhim. red elem no 3 145-150 '59

IL'MEN MOUNTAINS—PEGMATITES

Age interrelations of miaskite, syenite, and granite pegmatites of the Il'men Mountains. I A. Malakhov Trudy Gor. -geol inst UFAN SSSR no 32:189-195 '59.

ILOVLYA RIVER

A dying river. A. F. Kireev. Priroda 50 no. 5:51-53 My '61.

IMIDAZOLEDICARBOXYLIC ACID

Derivatives of imidazoledicarboxylic acids Part I Alkylated amides of imidazole-4, 5-dicarboxylic acid. N B Vinogradova, N. V Khromov-Borisov Zhur. ob. khim 31 no. 5 1466-1470 My '61

Derivatives of imidazoledicarboxylic acids. Part 2 Dimethyldiamides of 1-alkylimidazole-4, 5-dicarboxylic acids N B Vinogradova and others Zhur. ob. khim 31 no 5 1471-1476 My '61

Derivatives of imidazoledicarboxylic acids Part 3 Dimethylamides of 2-alkylimidazole-4, 5-dicarboxylic acids N B Vinogradova, N. V Kromov-Borisov. Zhur ob. khim 31 no 5 1476-1479 My '61

IMIDAZOTHIENOTHIOLIUM COMPOUNDS

Use of ganglion-blocking drug arfonad. G. I. Lukomskii, A. Z. Manevich, V. A. Mikhel'son. Akt. vop. obezbol. no. 2:151-160 '59.

IMMUNITY

Certain aspects of the study of specific antitumoral immunity L. A. Zil'ber. Usp sovr biol 19 no 1 71-85 Ja-F '60

Effect of cutaneous gland secretion in toads on various immunological properties of the organism [with summary in English]. V. I. Zakharov, N. V. Kolpikov, B. M. Kurtser. Biul. eksp. biol. i med. 49 no. 2:86-89 F '60.

Effect of tissue extracts on the immunobiological reactivity of animals. Z I Doroha. Visnyk sil'hosp. nauky 4 no. 4 87-92 Ap '61.

Modification of the method precipitation in agar for a comparison of two antigen-antiserum systems [with summary in English]. G. I. Abelev. Biul. eksp. biol. i med. 49 no. 3:110-120 Mr '60.

Neurogenic mechanisms of sensitization. S. M. Pavlenko. Fiziol. zhur. [Ukr.] 7 no. 3:417-423 My-Je '61.

Role of industrial environmental factors in the immunological reactivity of the organism. V. K. Navrotskii. Vest AMN SSSR 15 no. 3:57-69 '60.

IMMUNOLOGY

Capacity for sensitization of the parenchymatous organs of kittens and white mice infected with the causative agent of dysentery and with streptococci [with summary in English]. M. V. Zemskov. Biul. eksp. biol. i med. 50 no. 10: 92-97 O '60.

IMPACT

Horizontal impact of a floating ellipsis against an incompressible fluid. N. A. Kudriavtseva. Prikl. mat. i mekh 24 no. 2:259-261 Mr-Ap '60.

IMPELLERS—VIBRATION

Grobov, V. A. [Asymtotic methods for calculating bending vibrations of turbomachine rotors] Asimptoticheskie metody rascheta izgibnykh kolebanii valov turbomashin. Moskva, Izd-vo Akad. nauk SSSR, 1961. 165 p.

IMPERIALISM

(see also subdivision under Germany)

V. I. Lenin on Russian military-feudal imperialism; an interpretation of the term "military-feudal imperialism." A. L. Sidorov. Ist. SSSR 5 no. 3:47-70 My-Je '61.

INDANDIONE
Clinical study of phenylin in patients with cardiovascular diseases (with summary in English) N K Valciko, F D Shmidt Terap arkh 31 no. 4 52-55 Ap '59

INDIA—CONSTRUCTION INDUSTRY
Housing construction in India. K. I. Khokholev. Visnyk ABiA URSR no. 1 65-68 '61.

INDIA—COURTS
A delegation of Soviet lawyers has visited friendly India V. Kulikov Sots. zakon 37 no. 4 45-48 Ap '60
Soviet lawyers on a return visit to India V. Nesterov, T. Sokolov Sov. just no. 1 72-76 Ap '60

INDIA—ECONOMIC ASSISTANCE, RUSSIAN
Glorious anniversary. A. Blok. Uzbekiston 19 no. 1-9 Ja '60.

INDIA—ECONOMIC CONDITIONS
Glorious anniversary. A. Blok. Uzbekiston 19 no. 1-9 Ja '60

INDIA—EDUCATION
Educational ideas and pedagogical activity of Rabindranath Tagore A K Petrov Sov pedag 25 no 5 89-100 My '61

INDIA—JUSTICE, ADMINISTRATION OF
Soviet lawyers on a return visit to India. V. Nesterov, T Sokolov Sov just. no. 4 72-76 Ap '60

INDIA—OBSTETRICS
The doctor from Moscow. F. Kuznetsov. Moskva 4 no. 4 156-160 '60.

INDIA—PLAGUE
Plague control measures in India. K. A. Makirov Vest AN Kazakh SSR 17 no 4 99-101 Ap '61.

INDIA—RELATIONS (GENERAL) WITH RUSSIA
"India and Lenin" [in English] Reviewed by G Z. Ioffe. Ist SSSR 5 no. 2 211-214 Mr-Ap '61
India and Russia ("Bharat-Rus; an introduction to Indo-Russian contacts and travels from mediaeval times to the October Revolution" [in English] by P Kemp Reviewed by P. Rasul'-Zade) Obshchestv nauki v Uz no 1 64-67 '61.
What they know about the Soviet Union in India. G. A. Akhminov. Mat. i soob. Issl. otd. Inst. po izuch. SSSR no 24 48-55 '61.

INDIA—RUSSIAN STUDIES
What they know about the Soviet Union in India. G. A. Akhminov. Mat. i soob. Issl. otd. Inst. po izuch. SSSR no 24 48-55 '61.

INDIA—WATER RESOURCES DEVELOPMENT
"Water resources of India and their utilization" [an article] by F. IA. Nesteruk. Reviewed by E. A. Zamarin. Gidr. i mel. 13 no. 5 60-62 My '61.

INDIAN OCEAN—OCEANOGRAPHIC RESEARCH
Akademiia nauk SSSR. Mezhduvedomstvennyi komitet po provedeniiu Mezhdunarodnogo geofizicheskogo goda. [Oceanological research] Okeanologicheskie issledovaniia, sbornik statei. X razdel programmy MMG (okeanologiia). Moskva. [In Russian with summaries in English.]
No. 4. 1961. 110 p.

INDIAN OCEAN—SEDIMENTATION AND DEPOSITION
Rate of sediment accumulation in the Indian Ocean determined by radiocarbon dating. I E Starik, A. P. Zharkov. Dokl AN SSSR 136 no 1 203-205 Ja '61.

INDIAN RICE see Wild rice

INDICTMENTS
Concept of the indictment in the new criminal procedure laws. D. Postovoi. Rad. pravo no. 3 103-109 My-Je '61.

INDIGESTION see Dyspepsia

INDIUM ANTIMONIDE—MAGNETIC PROPERTIES
Nernst-Ettingehausen effect in n-InSb D. Kh. Amirkhanova, R. I. Bashirov. Fiz. tver. tela 3 no 3 819-821 Mr '61.

INDIUM SELENIDE
Electron diffraction study of the structure of thin films of indium selenide. S. A. Semiletov. Fiz. tver. tela 3 no. 3 746-753 Mr '61.

INDIVIDUALISM
"Critical evaluation of bourgeois individualism" [in Czech] by Karel Macha. Reviewed by K. M. Dolgov Vop. filos 15 no. 5 173 '61.

INDOLEACETIC ACID
Distribution of heteroauxin in plant stems and roots during geotropic bending [with summary in English]. P. A. Genkel'. Fiziol. rast. 7 no. 2 207-213 '60.

INDOLE
Ascending effects during the action on the subpharyngeal ganglia of Helix of serotonin, noradrenalin, tyramine and tryptamine. Kh. S. Koshtoiants, K. Rozha. Fiziol zhur. 47 no. 2 266-271 F '61.

INDOLOL
Serotonin (5-oxytryptamine) content of the blood in various hematological diseases [with summary in English]. G. A. Chernov, L. D. Orlova Probl. gemat. i perel. krovi 5 no. 2 21-28 F '60.

INDONESIA—EDUCATION, HIGHER
Problems of higher education in Indonesia Bambang Kaebet Vsem. stud. mov. 15 no 1-6 Ja '61

INDONESIA—FOREIGN RELATIONS—RUSSIA
Soviet-Indonesian friendship. Nov. vrem. 19 no. 25-1-2 Je '61.

INDONESIA—POLITICS AND GOVERNMENT
Problems of higher education in Indonesia Bambang Kaebet Vsem. stud mov. 15 no 1-6 Ja '61

INDONESIA—RELATIONS (GENERAL) WITH RUSSIA
Across the equator to Indonesia... (conclusion). M. Kolesnikov. Sov. mol. 20 no. 4 13-16 F '60.

INDONESIA—WOMEN
Sukarno, Pres. Indonesia, 1901- [Sarina; women's tasks in the struggle of the Indonesian Republic. Translated from the Indonesian] Sarina, zadachi zhenshchin v bor'be Respubliki Indonezii. Red I. IA. Dadiani. Izd. 2. Moskva, Izd-vo inosti. lit-ry, 1961. 274 p.

INDOPHENOL
Volumetric determination of zinc in the presence of 2, 6-dichloriophenol indiphenol I L Orestov, L D Vasil'chenko, L A Dudnichenko Izv vys. ucheb zav., khim. i khim tekh. 4 no 2 319-320 '61.

INDUCTION HEATING
Effect of high-frequency currents on plasticized compositions of poly (vinyl chloride). V. A. Voskresenskii, V. A. Byl'ev, E M. Orlova. Zhur. prikl. khim. 34 no 3. 593-597 Mr '61.
Practice of pipe cutting by rupture with zonal induction heating. V. N. Bogdanov Stal' 20 no. 7 634-635 Jl '60.

INDUSTRIAL ACCIDENTS
Dynamics of invalidism in the sequelae of industrial trauma and causes of its variation. A. P. Kotov. Ortop. travm. i protez. 22 no. 1 65-68 Ja '61.

INDUSTRIAL BUILDINGS—FIRES AND FIRE PREVENTION
Windowless buildings A. Mikhailov. Pozh. delo 7 no. 3 8-10 Mr '61.

INDUSTRIAL COSTS see Costs, Industrial

INDUSTRIAL EFFICIENCY see Efficiency, Industrial

INDUSTRIAL EQUIPMENT—MAINTENANCE AND REPAIR
Organizing the maintenance and repair of loading and unloading machinery. A V. Lepskii. Trudy TSNII MPS no 196 71-78 '60

INDUSTRIAL HYGIENE
(see also subdivision under Moscow; Rostov Province; Yevpatoriya)
Hygienic basis for sanitary protection from factories manufacturing apparatus containing mercury. V. P. Melekhina. Gig i san. 25 no. 7 71-74 Jl '60
Industrial hygiene and social insurance for students of the secondary technical schools with vocational instruction. V. Andreev. Okhr. truda i sots. strakh. 4 no. 5 55-56 My '61.
"Man at work." G. Rakitin. Okhr. truda i sots. strakh. 4 no. 5 7 My '61.
"Manual of practical exercises in labor hy viewed by A. A. Troitskii. Gig. i san. Jl '60.
"Problems in the control of cardiovas industrial enterprises." Edited b Reviewed by R. N. Biriukova. Zdr no. 5 42 My '61.
Ways of reducing gynecological mor dustrial workers. R. O. Livshits. no. 4 39-41 Ap '60.

INDUSTRIAL HYGIENE—CONGRESSI
Third conference on problems of the O. S. Konopkin. Vop. psikhol. 6 n '60.

INDUSTRIAL HYGIENE—LAW AND I
Industrial hygiene in the new crimin R. S. F. S. R. V. Platitsyn. Okhr. 4 no. 5 45-46 My '61.

INDUSTRIAL MANAGEMENT
(see also subdivision under Lening Province; United States)
Conference on the improvement of f financial organs. Fin. SSSR 22 n
Democratic centralism in the admin owned industrial enterprises of the Potapova. Vest. Mosk. un. Ser 10 40 '60.
Give attention to the problems of economic efficiency A Shuster NTO 2 no 5 21-24 My '60
Grunkin, M. N. [Administration of a socialist enterprise] Upravlenie sotsialisticheskim predpriiatiiem. [Leningrad] Lenizdat, 1960. 48 p. (Osnovy ekonomicheskikh znanii kazhdomu rabochemu)
Let's effectively struggle against the practice of eyewash and deceit. Kommunist 38 no. 9 71-76 Je '61.
Main principles of developing norms for the number of auxiliary workers. V. Vasil'ev. Biul. nauch. inform.: trud i zar. plata 4 no. 5 33-39 '61.
Modernization of industrial equipment is the way to fulfill the seven-year plan ahead of schedule. D. A. Ryzhkov. Mashinostroitel' no 5 2-4 My '60.
Present-day problems concerning the planning of the socialist national economy B. Miroshnichenko. Polit. samoobr 5 no 5 49-61 My '61
Rozenberg, I. A. [From the shift plan to the national economic plan] Ot smennogo do narodnogo khoziaistvennogo plana. Moskva, Mashgiz, 1960. 45 p. (Biblioteka rabochego mashinostroitelia: Serlia "Osnovy konkretnoi ekonomiki," no. 3)
Sankin, D. I. [Technical industrial and financial plan of an industrial enterprise] Tekhpromfinplan promyshlennogo predpriiatiia. Moskva, Izd-vo "Znanie," 1961. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii, no. 2)
We are improving the structure of industrial management. M. Pekerman. Mor. flot 21 no. 5 27-28 My '61.

INDUSTRIAL MANAGEMENT—BIBLIOGRAPHY see Bibliography—Industrial management

INDUSTRIAL MANAGEMENT—STUDY AND TEACHING
(see also subdivision under Karaganda Province)
How to organize economic studies in industrial enterprises. G Chekalina. Polit. samoobr. 5 no. 5 66-68 My '61.
School of advanced methods of industrial management. G. IA. Mett. Mashinostroitel' no. 5 45 My '60.

INDUSTRIAL ORGANIZATION
Democratic centralism in the administration of the state-owned industrial enterprises of the U S S R. S. M. Potapova Vest Mosk un Ser 10 Pravo 15 no 1 28-40 '60
Kalinin, B. A. [Work organization in river transportations] Organizatsiia truda na rechnom transporte. Moskva, Izd-vo "Rechnoi transport," 1960. 247 p.
Present-day problems concerning the planning of the socialist national economy. B Miroshnichenko. Polit. samoobr. 5 no. 5 49-61 My '61.
"Principles of industrial production", a lecture course by M P Plotkin Reviewed by A. G Burenstam Vest Mosk un Ser 5 Geog 16 no 3 79-80 My-Je '61

INDUSTRIAL PROCUREMENT
On the "expediters" and traveling allowances. V. Ivanov. Fin SSSR 22 no. 5 31-34 My '61
Simplify the supply and sales system P. TSar'kov Plan. khoz. 38 no. 6 70-73 Je '61
Strengthen the economic relations between enterprises L Oblomskaia Plan. khoz 38 no 6 64-70 Je '61

INDUSTRIAL RAILROADS see Railroads, Industrial

INDUSTRIAL RECREATION see subdivision under Vologda Province

INDUSTRIAL SAFETY
(see also subdivision under Azerbaijan; Germany, East; Krasnoyarsk Territory; Ukraine)

INDUSTRIAL TECHNICIANS see Technicians in industry

INDUSTRIAL TELEVISION
Practices of the best enterprises shown on television A. Omel'chenko Sov. radio i tel. 8 no 1-11 '59.

INDUSTRY—ABSTRACTS
[Economics of industry.] Ref. sbor. Ekon prom no. 5 My '61.

INDUSTRY—TECHNOLOGICAL INNOVATIONS
Rozhin, M. M. [Technological development in industry] Tekhnicheskii progress v promyshlennosti. Syktyvkar, Komi knizhnoe izd-vo, 1960. 31 p. (V pomoshch' izuchaiushchim vopr osy ekonomiki v nachal'nykh ekonomicheskikh shkolakh)

INEQUALITIES (MATHEMATICS)
Certain inequalities for an integral function of a finite power and its derivatives I. I Ibragimov, A. S Dzhafa rov Dokl AN SSSR 138 no 4:755-758 Je '61
Some inequalities for polynomials of n complex variable. I. I Ibragimov, R G. Mamedov Dokl AN SSSR 138 no. 3 526-528 My '61

INERTIA
Forces of inertia V. Rydnl IUn tekh. 5 no 1 40-41 Ja '61.

INFANCY OF ANIMALS see Animals, Infancy of

INFANTILE PARALYSIS see Poliomyelitis

INFANTRY
The battalion rear, conditions and nature of its functions V. Sorokovoi Voen vest. 40 no. 10 25-29 O '60

INFANTRY DRILL AND TACTICS
Individual drill instruction. F. Raevskii. Voen vest 10 no. 10: 17-49 O '60
On drill instructions Voen. vest 10 no 10-40 O '60.

INFANTS—CARE AND HYGIENE
(see also subdivision under Belgrad District)
Instruction for mothers. Rab. i stal. 38 no. 4:23 Ap '60.
Physical education of infants in their first year. O. Kostenko. R. Tamuridi. Doshk. vykh 22 no. 6 35-37 Je '61.

INFANTS (NEWBORN)
Results of the administration of double BCG doses in newborn infants, preliminary communication A S Mamolat and others Probl tub 39 no 3 16-22 '61

INFANTS (NEWBORN)—DISEASES
Antibiotic decontamination of staphylococcal carriers [with summary in English]. T. V Golosova and others Antibiotiki 6 no 2:113-116 F '61.

INFANTS (PREMATURE)
Rare case of a combination of bilateral polycystic kidney with atresia of the ureters, paranephric cyst, and ascites in a newborn child. S. V. Klein, I. P. Dzyg'. Ped., akush. i gin. 22 no. 4:2 of cover '60.
Relationship between vegetative and somatic components in the development of defense conditioned reflexes in premature infants [with summary in English]. R. I Polikanina. Zhur. vys. nerv. deiat. 11 no 1 71-80 Ja-F '61.
Significance of cytology of the vaginal secretions in premature births. M. L. Niedzvietska. Ped., akush. i gin. 22 no. 4, 60-61 '60.
"Work of the district nurse with the premature child" by M. A. Zingor. Reviewed by E. M. Kravets. Med. sestra 20 no. 3 51-53 Mr '61.

INFANTS (STILLBORN) see Stillbirth

INFARCTION
[illegible] inorganic arteries
of infarction [with
anut etat.

INFLUENZA
Antiviral properties of the new antibiotic polymycin [with summary in English] K. I. Germanova, A. M Savel'eva Antibiotiki 6 no 1:93-98 Ap '61
Asthenic states and vegetative disfunctions developing in connection with a history of influenza [with summary in French] IU. S Martynov Zhur nevr i psikh. 60 no 11 1110-1115 '60
Clinical aspects and treatment of influenzal pneumonia N I Morozkin Vest AMN SSSR 15 no 3 19-25 '60
Clinical characteristics of influenza in children. B. IA. Riezvik, S. IA. Zhyvotova'ka, L. M. Apanovych. Ped., akush. i gin. 22 no. 4 5-8 '60.
Influence of influenza on postvaccinal antidiphtheria immunity. IU. M. Ovchinnikov. Fel'd. i akush. 25 no. 4:34-35 Ap '60.
Influence of influenza on the course of whooping cough in children. E. P. Manolova. Ped., akush. i gin. 22 no. 4:8-10 '60.
"Influenza and pulmonary inflammation in young children" by I. N. Potapova. Reviewed by A. Γ. Murashova. Med. sestra 20 no. 3 54-55 Mr '61.
Influenza as a provoking factor in pulmonary tuberculosis G. I. Khodzhakuliev, A. A Akhundov, R N Smoragdova Zdrav. Turk 5 no 2:18-21 Mr-Ap '61
Influenzal epilepsy in children. L. V. Panfilenkova Vop. psikh. i nevr no 5 89-92 '59.
Lesion of the hypothalamus region in viral influenza [with summary in French] V R Rubtsova. Zhur nevr i psikh 60 no 11 1407-1409 '60
Materials on the cytological diagnosis of influenza in children. M. I. Slobodianiuk, T. I. Buzhlieva'ka. Ped., akush. i gin. 22 no. 4:3-5 '60.
Segmental pneumonias in children with influenza F. D Fridman Vest AMN SSSR 15 no 3 26-29 '60
Session of the Pediatrics Institute of the Soviet Academy of Medical Sciences dealing with the problems of influenza and whooping cough V P. Braginskaia Vest AMN SSSR 15 no 3 85-89 '60

INFORMATION THEORY
Application of delta functions in investigating discrete processes with a number of communications N. K Ignat'ev Nauch dokl vys shkoly, radiotekh i elektron no 2 14-26 '59
Carrying capacity of a single-beam channel with random variations in absorption B S. TSybakov Nauch dokl vys. shkoly, radiotekh i elektron no 2 41-51 '59
Experimental determination of the duration distribution of fluctuation overshoots. IU. P Ozerskii. Nauch dokl vys shkoly, radiotekh. i elektron no 2 35-13 '59
Method of calculating the spectrum of nonstationary random processes V. L Lebedev. Nauch dokl vys. shkoly, radiotekh i elektron no 2 27-31 '59.
Method for determining the dynamic characteristics of industrial equipment from its normal operating records in the presence of noise [with summary in English] V T Kulik Avtomatyka no 1 15-25 '60.
Periodically nonstationary random processes. V I. Lebedev Nauch dokl vys. shkoly, radiotekh i elektron no 2 32-31 '59
What is information theory? I. M. IAglom. Mat. v shkole no. 3 46-49 My-Je '61.

INFRARED RAYS
Determining the true parameters of truncated absorption bands. V. N. Smirnov. Vest. Mosk. un. Ser. 3: Fiz., astron. 15 no. 6 19-26 N-D '60.

INFRARED RAYS—INDUSTRIAL APPLICATIONS
(see also subdivision under France)
Baking of pastry by means of infrared radiation. M. M. Istomina Trudy VKNII no 14:87-95 '59
Designing infrared heaters with plane reflectors [with summary in English]. M. S. Povarnitsyn, V. I. Stytsiuk. Inzh.-fiz. zhur. 4 no. 4:109-112 Ap '61.
Methods for the preparation of cellulose fibrous materials for infrared tests. A. B Poliak Izv vys. ucheb zav., les zhur 3 no 1.162-154 '60
Use of infrared rays for drying fur skins and cut parts. E. B. Frenkel', E. G. Khmel'nitskaia Kozh.-obuv prom. 3 no. 1, 25-28 Ja '61.

IFRARED SPECTRUM see Spectrum, Infrared

'SORIA
ange in the thermostability of some free-living protozoa under the influence of a previous temperature regimen. I S Irlina TSitologiia 2 no. 2.227-234 Mr-Ap '60

'T MOLDS
'ficient design of bloom ingot molds [with summary in English]. D. F. Nagovitsyn. Stal' 20 no. 7:602-607 l '60.
proving the design of the UNRS ingot mold. V. P. Druhinin, A. I. Mazun. Stal' 21 no. 5 409-411 My '61.
proving the quality of cast iron for molds. P. G. orozin and others. Stal' 21 no. 6:571-575 Je '61.
hanized coating of ingot molds. V. M. Borovskii. stallurg 6 no. 5:18-19 My '61.

INGOT MOLDS—WELDING
Welding up cast iron molds without preheating. N. P. Zhetvin. Stal' 21 no. 6.575 Je '61.

INGULETS VALLEY—MANGANESE ORES
Ingulets manganese deposit L. I. Shnlukov Geol. rud. mestorozh. no 2 132-135 Mr-Ap '61

INGUR HYDROELECTRIC POWER STATION
Ingur Hydroelectric Power Station project in the Georgian S. S. R. Gidr stroi. 31 no 4.52 Ap '61.

INHALATION THERAPY
Use of aerosols and electroaerosols in the acute stage of poliomyelitis especially in tracheotomized patients [with summary in French] E I Raudam and others Zhur. nevr i psikh 60 no 11 1128-1134 '60

INHERITANCE AND SUCCESSION
Legal advice Sots zakon 37 no 4 75-77 Ap '60
Some problems of inheritance law. Z. Bolchuk. Rad. pravo no. 3 100-103 My-Je '61.

INHERITANCE OF ACQUIRED CHARACTERS
Inheritance of acquired production rhythmicity in Neomyzus circumflexus Burt (Aphidae) [with summary in English] E S Smirnov Zhur ob. biol. 22 no 3: 164-178 My-Je '61

INHIBITION
Effect of small doses of X rays on inhibition in the extinction stage in rabbits [with summary in English] I. V. Malinkova. Zhur. vys nerv. deiat. 11 no. 1 165-168 Ja-F '61.
Interaction of extinctive and supraliminal inhibition [with summary in English]. Z. A Vasil'eva. Biul. eksp biol. i med. 50 no. 7 3-7 Jl '60
Localizing extinctive inhibition N A. Shevelev Nauch. dokl. vys. shkoly; biol. nauki no. 2, 98-101 '61
Shlokii, V. F. [New data in the development of I. P. Pavlov's teaching on the circuit-closing function of the brain and the problem of inhibition; speech to the assembly, October 20, 1959] Novye dannye v razvitii uchenila I. P. Pavlova o zamykatel'noi funktsii golovnogo mozga i problema tormozhenila, aktovaia rech' 20 oktiabria 1959 goda. Riazan', Riazanskii med. in-t im. akademika I. P. Pavlova, 1959. 41 p.
Teachers must know about the inhibition process. A. N. Znamenskaia. Doshk. vosp. 34 no. 5:54-62 My '61.

INJECTIONS, HYPODERMIC
Carrying out injections in a children's hospital. N. N. Rozinova. Med. sestra 20 no. 3:38-39 Mr '61.

INJECTIONS, INTRA-ARTERIAL
Intra-arterial injection of blood as a method of controlling hemodynamic disorders in potentiated anesthesia. T. P. Makarenko, V. D. Malyshev. Akt. vop. obezbol. no. 2.165-170 '59.

INLAND NAVIGATION
(see also subdivision 'Navigation' under Chusovaya River, Kuybyshev Reservoir; Ob' River)
Improve the beaconage on rivers. S. Grigor'ev Rech transp 20 no 3 31-33 Mr '61
Ship lifting on movable ship hoisters. M. Khlukhin. Rech. transp 20 no. 3 38 Mr '61.
We shall be ready to greet the 22nd Congress of the Communist Party of the Soviet Union Rech transp. 20 no 3 56 Mr '61

INLAND NAVIGATION—BIBLIOGRAPHY see Bibliography—Inland navigation

INLAND WATER TRANSPORTATION
(see also subdivision under China, Germany, West; Kama River; Perm Province)
Better organization in conducting the navigation season in the third year of the seven-year plan Rech. transp 20 no 3 1-4 Mr '61
The carrying out of socialist obligations is an urgent task for river transportation workers. Rech. transp. 20 no. 5:1-2 My '61.
Central radio dispatcher system for the merchant fleet in river transportation. K Indzhibeli. Rech. transp. 19 no. 3:17-20 Mr '60.
Establishment of traffic schedules by means of electronic calculating machines. D Volovoi, V. IUsin. Rech transp. 20 no 3 15-17 Mr '61.
In the Collegium of the Ministry of the River Fleet. Rech. transp. 19 no 2:48-49 F '60.
Is it necessary to plan the redispatching of rafts from formation roadsteads? IU Makovskii, IU Ivanov. Rech. transp. 19 no. 2:8-9 F '60.
It is good to know. Rech transp. 20 no. 3 40 Mr '61.
Kalinin, B. A. [Work organization in river transportations] Organizatsiia truda na rechnom transporte. Moskva, Izd-vo "Rechnoi transport," 1960. 247 p.
Integrated schedule for 1961 of steamship lines in the central basins. M. Kheifets, K. Linkhov. Rech. transp. 20 no. 5:4-8 My '61.
Organization of roadsteads. IA. TSypin. Rech. transp 19 no. 2:5-7 F '60.

INLAND WATER TRANSPORTATION (Continued)
Passing ships and rafts through sluices of the Kuybyshev Hydraulic Engineering System B Bonnykh Rech transp 20 no 3 41-42 Mr '61
Striving for technical progress means striving for the seven-year plan V Ptashnikov Rech transp 19 no 3 1-4 Mr '60

INLAND WATER TRANSPORTATION—COSTS
Transportation connections between industrial enterprises and loading piers. E. D. Buchin. Rech. transp. 20 no. 5 9-11 My '61.

INLAND WATER TRANSPORTATION—EMPLOYEES
Consultation Rech transp 20 no 3 57 Mr '61
Progressive longshoreman of river transportation Rech transp. 19 no 2 16-17 F '60
Resolutely eliminate shortcomings in work with river transportation workers Rech transp 19 no 2 1-4 F '60
Shift to the shortened workday and introduction of the new wage system B Kalmin. Rech transp 19 no 3 7-9 Mr '60
Strengthening of ties between school and society (in the Collegium of the Ministry of the River Fleet) Rech transp 19 no. 3 55-56 Mr '60.
Technical and economic grounds for the length of a buoyage sector serviced by a brigade. V. Tavrizov. Rech. transp. 20 no. 5 29-30 My '61.

INLAND WATER TRANSPORTATION—FINANCE
Economic efficiency of capital investments in river transportations and ways to establish it. A. Mitaishvili. Rech. transp. 20 no. 5:46-52 My '61.

INLAND WATER TRANSPORTATION—LAW AND LEGISLATION
Content of a navigation charter M. Khodunov Rech transp 20 no 3 13-14 Mr '61
Unsolved problems of transportation law. I. Sherman. Rech. transp. 20 no. 5:14-16 My '61.

INLAND WATER TRANSPORTATION—PERIODICALS
Strengthen continuously your contacts with life. Rech. transp. 20 no. 5 3 My '61.

INLAND WATER TRANSPORTATION—RATES see subdivision under Irtysh Valley, Ob' Valley

INLAND WATER TRANSPORTATION—TECHNOLOGICAL INNOVATIONS
Engineering and technical societies in the struggle for speeding up technical progress V. Krylov Rech. transp 19 no 2 46 F '60

INLAND NAVIGATION
Effect of obstacles on the direction and velocity of winds D. Zemlianovskii. Rech transp 19 no 2 45-46 F '60
"Inland navigation" by P. A. Sheikin Reviewed by M. Bushuiev Rech. transp 19 no 2 3 of cover F '60

INLAND NAVIGATION—TECHNOLOGICAL INNOVATIONS
Striving for technical progress in the transportation system. A. Subbotin Rech. transp 19 no 2 33-36 F '60

INNOMINATE ARTERY
Clinical significance of variations in the origin of the innominate artery in man during operations on the neck and anterior mediastinum M. M. Pavlova-Poliakova Khirurgiia 37 no. 5:34-38 My '61

INOCULATION see Vaccination

INSANE—LAWS AND LEGISLATION
Legal aid for neurotic and insane patients in psychoneurological institutions. P. P. Vasil'ev Vop. psikh i nevr. no 5 258-260 '59.

INSCRIPTIONS see subdivision under Cimmerian Bosporus (Kingdom)

INSCRIPTIONS, SEMITIC
New publications of epigraphic materials from Phoenicia and Palestine M. L. Gelt'ser. Vest drev. ist. no. 1: 158-174 '61

INSECTS—ANATOMY
Relation between the structure of the cuticle in chilopods and the conditions governing their existence [with summary in English]. L. M. Semenova. Zool zhur. 40 no. 5:686-693 '61.

INSECTS—DEVELOPMENT
Growth of ganglia of the central nervous system of the Chinese tussah moth (Antheraea pernyi Guér., Lepid.) in the course of its individual development [with summary in English]. A. A. Panov. Zool. zhur. 40 no 5: 694-706 '61.

INSECTS—FOOD
Dipteran larvae feeding on earthworms [with summary in English]. N. P. Krivosheina. Zool. zhur. 40 no 5 715-718 '61.

Food specialization in the owlet moths Polia oleracea L. and P. dissimilis Knoch [with summary in English] O. I. Mel'nichenko-Kaleva Zool zhur. 40 no 5 707-714 '61

INSECTS—MIGRATION
Autumn migration of darkling beetles in the southern Ustiurt. V. P. Kostin Izv. AN Uz SSR no 9:96 '56

INSECTS, AQUATIC
Specific features of the cuticle of aquatic larvae of insects as related to their conditions of life [with summary in English]. L. M. Semenova, A. N. Rodionova. Zhur. ob. biol. 22 no. 2:128-135 Mr-Ap '61.

INSECTS, INJURIOUS AND BENEFICIAL
(see also subdivision under Petropavlovka region, Chelyabinsk Province)
Appearance of forest pests. P. G. Biriulina. Priroda 50 no. 5:126 My '61
Protection of useful insects. L. D. Voronova. Okhr. prir. i zapov. delo v SSSR no. 6:84-93 '60.

INSECTS, INJURIOUS AND BENEFICIAL—BIOLOGICAL CONTROL
Some results achieved and outlook for the introduction and acclimatization of entomophages [with summary in English] I. A. Rubtsov. Zool. zhur. 40 no 5:637-650 '61
Testing biological preparations of muscardine and entobacterin. G. N. Zhigaev. Les. khoz. 14 no. 6: 47-48 Je '61.

INSTALMENT PLAN see subdivision under Tashkent

INSTRUCTIVE GAMES see Educational games

INSTRUMENT INDUSTRY
Objectives of the instrument industry. S. P. Mitrofanov. Izv. vys. ucheb. zav., prib. 3 no. 1 3-9 '60.

INSTRUMENTS
Elementary synthesis of differential and planetary mechanisms used in instruments and devices A. I. Solov'ev Priborostroenie no. 5:8-10 My '60
High reliability and durability of machines and instruments is a matter of paramount importance. Mekh i avtom proizv 15 no 5,46-51 My '61
New machine tools and instruments. Stan. i instr. 32 no. 5:36-39 My '61.

INSTRUMENTS, ELECTRIC see Electric instruments

INSULATING MATERIALS
Foamed silicate instead of foamed concrete Stroitel' no 4 11 Ap '61

INSULATING OILS
Studying the possibility of producing insulating oils by adsorption refining Ch. M. Dzhuvarly and others. Azerb. neft khoz 40 no. 3 35-36 Mr '61

INSULATION (ELECTRIC) see Electric insulators and insulation

INSULATION (HEAT)
Bakakin, S. A. [Insulation of heat-using apparatus in textile finishing factories] Izolatsiia teploispol'zuiushchei apparatury otdelochnykh fabrik tekstil'noi promyshlennosti. Pod red. M. E. Simkina. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1960. 62 p.
"Technical instructions on carrying out and inspecting heat-insulation operations" Biul stroi tekh 18 no. 5 10-11 My '61

INSULATION (HEAT)—TECHNOLOGICAL INNOVATIONS see subdivision under Chimkent

INSULIN
Conditioned reflex insulin hypoglycemia [with summary in English]. S. V. Zakharov. Zhur. vys. nerv. deiat. 10 no. 2:280-284 Mr-Ap '60.

INSURANCE
Improve insurance work; review of articles and correspondence received by the editor Fin SSSR 22 no 5: 69-72 My '61.

INSURANCE, DISABILITY see subdivision under Europe, Eastern

INSURANCE, PROPERTY
Change the rules for the voluntary insurance of citizens' property I. Makhaeva. Fin. SSSR 22 no. 5:66-69 My '61.

INSURANCE, SOCIAL
(see also subdivision under Chita Province, France, Moscow, Ryazan Province)
Are two archival certificates always necessary? A. Timonin. Sots. obesp. 22 no. 5:23 My '61
Consultation. L. Reznik. Neftianik 6 no 5:33 My '61.
Decorations of honor for the U. S. S. R. medical workers within the social insurance system of the R S F S R. Sots obesp. 22 no. 5:3-4 My '61.
Let's improve the service to pensioners. V. Borisov. Sots. obesp. 22 no. 5:5-9 My '61.
New legislative enactments Sov iust. no 4:77-78 Ap '60
Social insurance of machine operators and persons working as hired help on collective farms Uchet i fin v kolkhoz i sovkhoz 18 no. 5 52-54 My '61
Vlasov, S. N., and A. V. Levanin. [Social insurance for collective farmers] Sotsial'noe obespechenie kolkhoznikov. Moskva, Gos. izd-vo sel'khoz. lit-ry. 1960. 70 p.

INSURANCE, SOCIAL—AUDITING AND INSPECTION see subdivision under Krasnoyarsk Territory, Kurgan Province

INSURANCE, SOCIAL—EMPLOYEES see subdivision under Bugul'ma District; Moscow, Rostov Province

INTEGRAL CALCULUS see Calculus, Integral

INTEGRAL EQUATIONS
Deflection of a semi-infinite plate lying on a linearly deformable base G. IA. Popov Prikl. mat. i mekh. 25 no. 2 352-355 Mr-Ap '61
Nonlinear integral equations of shallow shells of rotation [with summary in English] A. A. Berezovskii Inzh.-fiz. zhur. 4 no. 5 41-53 My '61
One problem of heat conduction in a homogeneous half-space [with summary in English] G. V. Poddubnyi Inzh.-fiz. zhur. 4 no. 5 27-32 My '61
Singular integral equations in the classes of Lipschitz functions S. G. Mikhlin Dokl. AN SSSR 138 no. 3, 541-544 My '61

INTEGRALS
The Burkill integral. D. F. Protsenko. Soob. AN Gruz. SSR 24 no. 1 7-11 Ja '60.
Calculation of the Mellin integral. N. S. Skoblia. Dokl. AN BSSR 5 no. 3 112-115 Ap '61.

INTEGRALS, GENERALIZED
Some integral relations in the acoustics of a moving medium I. M. Lifshits. Dokl. AN SSSR 138 no. 3 575-578 My '61.

INTEGRATORS
Man'kovskii, G. I., and others. [Methods of calculating the basic parameters of rock freezing processes in shaft sinking with the help of a hydraulic integrator] Metodika rascheta s pomoshch'iu gidrointegratora osnovnykh parametrov protsessa zamorazhivaniia gornykh porod pri prokhodke shakhtnykh stvolov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 53 p.
Solution of certain problems of metallurgical heat engineering with the aid of an electric grid integrator [with summary in English]. L. A. Kozdoba, V. I. Makhnenko. Inzh.-fiz. zhur. 4 no. 4:102-104 Ap '61.

INTEGRODIFFERENTIAL EQUATIONS
One approximate method of solving a nonlinear integrodifferential equation B. G. Mosolov. Izv. AN Uz. SSR, Ser. fiz.-mat. nauk no 2:41-51 '61.
Solution of certain equations with variational derivatives. E. Novikov. Usp. mat. nauk 16 no 2 135-141 Mr-Ap '61

INTELLECT
"Problems of mental development" by A. N. Leont'ev. Reviewed by B. F. Lomov. Vop. psikhol. 6 no. 3 162-169 My-Je '60

INTERCHANGEABLE MECHANISMS see subdivision under Moscow

INTERCONNECTED ELECTRIC UTILITY SYSTEMS
Fundamental principles of designing a computer for operational calculation of the load distribution efficiency of a consolidated electric utility system S. A. Ginzburg, V. M. Gornshtein, S. A. Sovalov Elek sta. 32 no. 5: 35-41 My '61
Protection of an electric power system from a frequency increase L. M. Levit Elek stn. 32 no 5 71-75 My '61
Simplified method for calculating the power loss in electric power transmission lines. V. A. Shevchenko, M. P. Ratner Elek sta 32 no 5 51-54 My '61
Use of electronic digital computers for calculating the efficient distribution of the loads of consolidated electric power systems. V. S. Shakhanov. Elec sta. 32 no. 5:27-31 My '61

INTERFERENCE (LIGHT)
Appliance for the observation of light interference. G. V. Sidina, V. V. Faliushina. Fiz. v shkole 20 no. 2:73 Mr-Ap '60.

INTERFEROMETER
Contact interferometer with a widened range of measurements. V. P. Koronkevich, V. V. Skidan, V. A. Afanas'eva. Izm. tekh. no. 5:2-5 My '60.

INTERFEROMETER—TESTING
Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 104-57 for checking plane-parallel glass-plate interferometers] Instruktsiia 104-57 po poverke ploskoparallel'nykh stekliannykh plastin. Izd. ofitsial'noe. Moskva, 1958. 10 p.

INTERFEROMETRY

Interference method for determining the parallelism of large gauge blocks. V. P. Kuronkevich, V. P. Golubkova, Izm. tekh. no. 5:5-7 My '61.

Photoelectric method of recording interference bands in white light. T. S. Kolomiitseva, I. V. Novikova. Opt. i spektr. 9 no. 3:363-370 S '60

INTERIOR DECORATION

Taste and imagination. O. G. Boiar. Ogonek 39 no. 22:28-29 My '61.

What's new around us. A. Kozlova. Neva no. 4:201-206 '61

INTERNAL FIXATION IN FRACTURES

Some negative aspects of metallic osteosynthesis [with English summary in insert]. N. T. Kateinich. Ortop. travm. i protez. 22 no. 1:55-59 Ja '61.

INTERNAL FRICTION

Effect of the temperature of hardening on the internal friction in carbon steel. V. R. Shushania, S. A. Golovin. Fiz. met. i metalloved. 11 no. 5:809-811 My '61.

Effects of internal friction connected with direct and reversible martensite transformations. E. I. Estrin and others. Fiz. met. i metalloved. 11 no. 2:252-260 F '61

Internal friction along aluminum grain boundaries. A. V. Grin'. Fiz. met. i metalloved. 9 no. 4:613-615 Ap '60.

Internal friction in strontium. A. L. Dashkovskii, E. M. Savitskii. Fiz. met. i metalloved. 11 no. 5:811-812 My '61.

Unsteady vibration of elastic systems with internal friction. E. S. Sorokin. Trudy MIIT no. 131:89-110 '61.

INTERNATIONAL AGENCIES

Public international organizations. A. Uspenskii. Polit. samoobr. 5 no. 5:78-81 My '61.

INTERNATIONAL COMPETITION see Competition, International

INTERNATIONAL COOPERATION see subdivision under Crimea

INTERNATIONAL ECONOMIC RELATIONS

Two worlds and two methods of the international division of labor. Iu. Shilinev. Polit. samoobr. 5 no. 6:21-31 Je '61.

INTERNATIONAL GEOPHYSICAL YEAR, 1957-1958

Creating an interdepartmental Geophysical Committee. G. A. Avsiuk. Izv. AN SSSR, Ser. geog. no. 3:139-140 My-Je '61.

Soviet glaciologists' conference devoted to the results of the International Geophysical Year. V. M. Kotlinkov. Izv. AN SSSR, Ser. geog. no. 3:140-143 My-Je '61.

INTERNATIONAL LAW

Legal problems at the 15th session of the General Assembly of the United Nations. K. Zabihailo. Rad pravo no. 2:126-128 Mr-Ap '60

[The problems of international law; collection of translated articles of the specialists in international law of the people's democracies] Problemy mezhdunarodnogo prava; sbornik statei iuristov-mezhdunarodnikov stran narodnoi demokratii. Moskva, Izd-vo inostr. lit-ry, 1961. 339 p.

INTERNATIONAL LAW ASSOCIATION

At the 49th Conference of the International Law Association. A. I. Ishanov, R. A. Tuzmukhamedov. Obshchestv nauki i [illegible] 27 58 '61.

INTERVERTEBRAL DISK—SURGERY

Surgical treatment of protrusion of an intervertebral disk. E. I. Raudam. Vop. neirokhir. 25 no. 3:12-15 My-Je '61.

INTERVIEWING (JOURNALISM)

Encounters of a radio reporter ("Encounters at the microphone" by L. Magrachev. Reviewed by G. Skorokhodov). Sov. radio i tel. 8 no. 4:39-40 '59.

INTESTINES

Dependence of mitotic activity of the epithelium of crypts of the small intestine on the state of the nervous system [with summary in English]. I. I. Omel'ianenko. Biul. eksp. biol. i med. 51 no. 1:86-90 Ja '61.

Development of muscular tissue of the small intestine [with summary in English]. A. P. Gladkii. Arkh. anat. gist. i embr. 38 no. 4:51-60 Ap '60

Effect of certain hypotensive compounds on the serotonin content of enterochromaffin cells of the intestine (Kul'chitskii's cells) [with summary in English]. M. D. Mashkovskii, A. I. IAkovleva, N. G. Shakhnazarova. Farm. i toks. 24 no. 1:41-19 Ja-F '61.

Effect of glycolytic cycle and tricarboxylic acid cycle inhibitors on the chemical sensitivity of the carotid sinus and intestinal reflexogenic zones [with summary in English]. Den'Si-sian' [Têng Hsi-hsien]. Biul. eksp. biol. i med. 51 no. 3:13-18 Je '61.

Effect of reserpine on the enterochromaffin cells of the small intestine [with summary in English]. M. I. Shilarova. Biul. eksp. biol. i med. 51 no. 2:78-79 F '61.

Kinetics of the absorption of amino acid in the intestines. O. A. Shishova, L. A. Ogurtsova, V. I. Kasatochkin. Fiziol. zhur. 47 no. 5:630-637 My '61.

Mechanism of motor and secretory disorders of the small intestine in acute radiation sickness [with summary in English]. K. V. Smirnov. Biul. eksp. biol. i med. 51 no. 3:33-37 Mr '61.

Studies on the mechanism of chemoreception. Report No. 1: Effect of nicotine and acids on intestinal receptors in conditions of modified excitability under the influence of various concentrations of monoiodoacetic acid [with summary in English]. N. A. Anikina. Biul. eksp. biol. i med. 51 no. 3:18-23 Je '61.

Veins in the lymphoid formations of the intestine in man and in some vertebrate animals [with summary in English]. M. G. Ugorova. Arkh. anat. gist. i embr. 10 no. 3:30-16 Mr '61.

INTESTINES—BACTERIOLOGY

Crystalline proteins in certain bacteria of the enteric group. T. O. Ilalkina. Mikrobiol. zhur. 23 no. 1:35-38 '61.

INTESTINES—CANCER

Surgical treatment of cancer of the large intestine. F. A. TSylul'skii. Med. zhur. Uzb. no. 11:34-36 N '60.

INTESTINES—DISEASES
(see also subdivision under Tashkent)

Clinical aspects of coli sepsis. IU. N. Gurskii. Lech. infekts. bol'. no. 3:214-222 '57.

Health education literature on the prevention of intestinal infections, a critical survey. I. S. Sokolov. Sov. zdrav. 20 no. 5:81-86 '61

Influence of plasma transfusion on the protein composition of the blood in chronic diseases of the intestines and liver. G. S. Levin. Pat. fiziol. i eksp. terap. 5 no. 2:64-66 Mr-Ap '61.

INTESTINES—INNERVATION

Interoceptor influences from the small intestine on urinary excretion. M. S. Maremenko. Biul. eksp. biol. i med. 49 no. 3:17-20 Mr '60.

Macromicroscopic anatomy of neurocellular formations within the trunk. Neurocellular formations in the trunk of the small intestine [with summary in English]. R. D. Sinel'nikov. Arkh. anat. gist. i embr. 40 no. 4:116-121 Ap '61.

Mechanism of chemoreception. Report No. 1: Correlation between the concentration of acetylcholine and the reflexogenicity of cholinoceptors [with summary in English]. N. I. Pickhanov. Biul. eksp. biol. i med. 50 no. 7:17-20 Jl '60.

Role of the tricarboxylic acid cycle in the mechanisms of chemoreception [with summary in English]. Biul. eksp. biol. i med. 51 no. 1:3-8 Ja '61.

[illegible]ces of the innervation of the small intestine and dence of the structure of its intramural neural appaus on the nature of its nutrition [with summary in glish]. N. A. Krasikova. Arkh. anat. gist. i embr. 40 3:31-36 Mr '61

ITINES—INTUSSUSCEPTION

[illegible] of double invagination of the intestine in the aldomi- form of Schoenlein-Henoch disease. L. IU. Ibadov. d. zhur. Uzb. no. 4:51-52 Ap '61.

[illegible]gination of the intestine in children. L. IU. Ibadov. l'd. i akush. 26 no. 5:10-12 My '61.

ITINES—MICROBIOLOGY

[illegible]parative studies on various methods in the determi- ion of antibiotic sensitivity of pathogenic microbes m the enteric group [with summary in English]. G. Dimitov. Antibiotiki 6 no. 4:342-346 Ap '61.

Studies on changes in the intestinal microflora in experimental radiation sickness. IU. S. Varenko. Med. zhur. Uzb. no. 3:48-50 '61

Studies on the effect of antibiotics on intestinal microflora in man [with summary in English]. M. I. Grinzaid. Antibiotiki 5 no. 2:99-103 Mr-Ap '60.

INTESTINES—OBSTRUCTION

Excretion of neutral red by the digestive tract of rabbits in obstruction of the small intestine [with summary in English]. N. V. Zavadovskaia. Pat. fiziol. i eksp. terap. 5 no. 2:49-52 Mr-Ap '61.

INTESTINES—SECRETIONS

Phospholipids in intestinal secretions in dogs [with summary in English]. A. S. Kainova, I. B. Kuvaeva. Biul. eksp. biol. i med. 51 no. 3:60-63 Mr '61.

INTESTINES—SURGERY

Method for the application of an intestinal anastomosis in sheep. A. S. Kirillov. Fiziol. zhur. 47 no. 3:404-405 Mr '61.

INTESTINES—TUBERCULOSIS

Healing processes in secondary tuberculosis of the intestine. R. I. Danilova. Sbor. trud. Uz. nauch.-issl. tub. inst. 3:174-179 '57

"Tuberculous ileotyphilitis" by E. Z. Mirzoian. Reviewed by N. S. Timofeev. Probl. tub. 38 no. 3:121-122 '60.

INTESTINES—TUMORS

Two cases of inflammatory tumor of the large intestine caused by amebic dysentery. S. M. IAnovskii, B. P. Gens, P. R. Varlamova. Med. zhur. Uzb. no. 3:76 Mr '61

INTRAOCULAR PRESSURE

Influence of galvanization and electrophoresis of nicotine on intraocular pressure [with summary in English]. L. E. Cherikchi, L. D. Dancheva. Oft. zhur. 15 no. 3:165-171 '60.

Intraocular pressure and pressure in the central artery of the retina in patients with hypertension and glaucoma following the use of reserpine [with summary in English]. O. I. Kobozeva. Oft. zhur. 16 no. 3:139-144 '61.

Prognostic significance of the intensity of the intraocular pressure in detachment of the retina [with summary in English]. Z. A. Filatova. Oft. zhur. 16 no. 3:174-178 '61.

Tonographic investigations of normal eyes [with summary in English]. A. P. Nesterov. Oft. zhur. 16 no. 3:144-149 '61.

INTRAVENOUS ANESTHESIA

Bronchoscopy under intravenous anesthesia in combination with muscle relaxants. I. G. Klimkovich. Akt. vop. obezbol. no. 2:97-104 '59.

Combination of intravenous anesthesia and muscle relaxants in esophagoscopy. A. N. Kabanov. Akt. vop. obezbol. no. 2:105-110 '59.

Potentiated intravenous alcohol anesthesia. S. V. Altaev. Akt. vop. obezbol. no. 2:226-234 '59.

INTRATRACHEAL ANESTHESIA

Use of potentiated intratracheal anesthesia in maxillofacial surgery. I. N. Mukovozov. Akt. vop. obezbol. no. 2:63-68 '59.

INVAR—MAGNETIC PROPERTIES

Dependence of the energy of magnetic anisotropy in invar on the temperature and field. I. M. Puzei. Fiz. met. i metalloved. 11 no. 4:525-528 Ap '61.

INVENTIONS

Planetary mechanism for the precision stoppage of a reversible mill. Stal' 20 no. 7:635-636 Jl '60

INVERTASE

Activity of saccharase in the soil [with summary in English]. A. A. Nizova. Mikrobiologiia 30 no. 1:105-109 Ja-F '61

INVERTEBRATES

Protection of some useful species of invertebrates. I. G. Torina. Okhr. prir. i zapov. delo v SSSR no. 6:94-101 '60.

INVERTEBRATES—TRANSPORTATION

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut morskogo rybnogo khoziaistva i okeanografii. [Methods of transporting aquatic invertebrates and fish larvae for acclimatization purposes] Metody perevozki vodnykh bespozvonochnykh i lichinok ryb v tseliakh ikh akklimatizatsii. Moskva, 1960. 56 p. (Vosproizvodstvo rybnykh zapasov)

INVISIBLE WRITING see Writing, Invisible

IODIDES

Concentration of thallium by coprecipitation with poorly soluble iodides [with summary in English]. IU. V. Morachevskii, G. V. Efremov, Shui Chzhi-gu [Hsu Chih-ku]. Vest. LGU 16 no. 10:137-141 '61.

Production of titanium by the iodide method. M. B. Reifman and others. TSvet. met. 34 no. 5:49-56 My '61.

IODINE

Iodine content of water taken from different sources in some regions of Yaroslavl Province. V. A. Florinskii. Trudy Biogeokhim. lab. no. 11 121-127 '60.

Iodine content of waters in the Ukrainian S.S.R. P. S. Savchenko. Trudy Biogeokhim. lab. no. 11:120-131 '60.

Problem of the effect of iodine prophylaxis on the incidence of recurrence of endemic goiter in various districts of Sverdlovsk Province. A. I. Kavtreva. Khirurgiia 37 no. 5, 82-84 My '61

Role of haloids (bromine and iodine) in the metamorphosis of amphibia [with summary in English]. O. A. Krylov. Biul. eksp. biol. i med. 50 no. 7 85-89 Jl '60.

Studies on goitrous thyroid glands for iodine and bromine content. E. S. Turetskaia. Probl. endok. i gorm. 7 no. 2 75-80 Mr-Ap '61

IODINE—ISOTOPES

Preparation of patients for therapy with radioactive iodine in combination with thyrostatic preparations. V. R. Kliachko. Probl. endok. i gorm. 7 no. 2 61-68 Mr-Ap '61

Some difficulties in the treatment of thyrotoxicoses with radioactive iodine. G. A. Gol'dberg. Probl. endok. i gorm. 7 no. 2 72-74 Mr-Ap '61

Therapeutic use of I^{131} in patients with a severe form of thyrotoxicosis. V. G. Spenitsyna. Khirurgiia 37 no. 5 106-112 My '61

IODIDE—THERAPEUTIC USE

Recent developments of the "second nature." B. Rozen. Moskva 4 no. 3:220 '60.

Treatment of thyrotoxicosis with radioactive iodine in relation to late results. Z. M. Mamedov, M. M. Alikishibekov. Azerb. med. zhur. no. 4:81-87 Ap '60.

IODINE COMPOUNDS

Conditions of exchange reactions between iodine compounds of different degrees of oxidation in aqueous solutions. IU. IA. Fialkov. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 2 311-315 '61.

ION BEAMS

Angular distribution of dispersed particles in the irradiation of a single crystal by an ion beam. V. A. Molchanov, V. G. Tel'kovskii, V. M. Chicherov. Dokl. AN SSSR 138 no. 4:821-825 Je '61.

High-order focusing of a plane monoenergetic ion beam by a uniform field with boundaries of arbitrary shape [with summary in English]. V. R. Saulit. Vest. LGU 16 no. 10:42-54 '61

ION EXCHANGE

Adsorption and ion-exchange properties of silica modified by a radical with acid functions. I. E. Neimark, V. M. Chertov. Dokl. AN SSSR 138 no. 4, 877-879 Je '61

Certain problems in the theory of ion exchange. Part 1. Curves of ion absorption by cation exchangers and anion exchangers [with summary in English]. B. P. Nikol'skii, N. F. Bogatova. Vest. LGU 16 no. 10: 94-111 '61.

Extracting boric acid from a mixture with a magnesium sulfate solution by ion exclusion. A. N. Popov, Iu. S. Kononov. Izv. Sib. otd. AN SSSR no. 3:61-67 '61.

Investigating borate solutions by the ion exchange method [with summary in English]. E. A. Materova and others. Vest. LGU 16 no. 10:125-132 '61

Ion-exchange separation of groups of elements. Part 3. Elements of the copper group. B. K. Preobrazhenskii, Iu. P. Salkov. Radiokhimiia 2 no. 1:66-72 '60

Ion-exchange separation of groups of elements. Part 4. Elements of analytical group III. B. K. Preobrazhenskii, V. P. TSvetikhovskii, V. N. Mel'nikov. Radiokhimiia 2 no. 1:73-77 '60

Separation of zinc, copper, cadmium, lead, bismuth, and silver by means of ion exchange [with summary in English]. M. N. Zvereva, N. I. Vinogradova. Vest. LGU 16 no. 10:142-144 '61.

Stability of acid chloride complexes in the elements of the fourth periodic group. I. K. TSitovich. Dokl. AN SSSR 136 no. 1:114-116 Ja '61.

ION EXCHANGE RESINS

Chemical stability to radiation of the resins KU-2 in various ionic forms. A. M. Samushin, I. A. Kuzin. Zhur. prikl. khim. 33 no. 10, 2323-2329 O '60.

Determination of the sterility of mycerin preparations with the aid of ion exchange resins [with summary in English]. I. S. Petropavlovskaia. Antibiotiki 6 no. 2:172-178 F '61.

Effect of organic solvents on the properties of carboxyl cation exchanger. Lou Chzhi-sian' [Lou Chih-hsien], E. M. Savitskaia, B. P. Bruns. Dokl. AN SSSR 136 no. 1:151-154 Ja '61.

Ion exchange extraction of uranium from dense pulps by means of the "floating resin" (from "Journal of the South African Institution of Mining and Metallurgy," '60, No. 12, 647, 1960). A. Zarubin. Atom. energ. 10 no. 5: 540 My '61.

Ionites in microchemical analysis. N. G. Polianskii. Priroda 50 no. 6:102 Je '61.

Radiation-chemical stability of carboxylated resins and oxidized charcoal. I. A. Kuzin, A. M. Samushin. Zhur. prikl. khim. 34 no. 3 577-580 Mr '61.

Sorption of hydrolyzed ions on cation exchange resins. Part 1. Washing of the ions of sodium, barium, lanthanum, uranium(VI), thorium, and uranium(IV) from columns with KU-1 and KU-2 resins by means of hydrochloric acid and an ammonium chloride solution. A. I. Zhukov, I. V. Markov. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 2 247-252 '61.

Use of ion exchange resins for determining nitrates in waters. I. K. TSitovich. Zhur. prikl. khim. 33 no. 10: 2362-2364 O '60.

ION-EXCHANGING SUBSTANCES

Sorption of polymyxin by synthetic carboxylic cation-exchange resins [with summary in English]. L. F. IAkhontova, B. P. Bruns, S. N. Kovardykova. Antibiotiki 5 no. 2, 5-9 Mr-Ap '60.

Studies on desorption processes and the purification of colimycin on an ion-exchange resin KB4-P2. M. G. Brazhnikova, M. F. Lavrova, A. D. Gorunkova. Antibiotiki 5 no. 2 13-16 Mr-Ap '60.

IONIC CRYSTALS—SPECTRA

Energy spectrum of the F-center in the continuum theory. Iu. E. Perlin. Opt. i spektr. 8 no. 3 386-393 Mr '60.

IONIZATION

Computation of the autoionization probability in helium and lithium atoms. R. Kh. Pronin. Opt. i spektr. 8 no. 3 300-302 Mr '60.

IONIZATION CHAMBERS

Measuring gamma and beta radiation dose by means of thimble ionization chambers. V. V. Smirnov. Izm. tekh. no. 5:47-50 My '60

IONIZED GASES see Gases, Ionized

IONOSPHERE

Sound absorption in the atmosphere and ionosphere. G. S. Golytsin. Izv. AN SSSR. Ser. geofiz. no. 6:942-946 Je '61.

IONOSPHERIC RESEARCH

(see also subdivision under Antarctic regions)

Verification of the applicability of correlation analysis and the method of similitude. M. P. Kilanovskii. Vest. Mosk. un. Ser. 3 Fiz., astron. 15 no. 6 38-45 N-D '60.

IONS

Hydrogenlike wave functions of atoms and ions [with summary in English]. I. M. Antonova, V. F. Bratsev. Vest. LGU 16 no. 10:5-7 '61.

IONS—MIGRATION AND VELOCITY

Association of ions in solutions. Part 5: Migration ratio of LiCl and LiI in mixed solvents [with summary in English]. A. M. Sukhotin, D. N. Saburova, G. V. Smirnova. Zhur. fiz. khim. 35 no. 4:711-712 Ap '61.

Diffusion and the electric transfer of chromium in molybdenum. D. F. Kalinovich, I. I. Kovenskii, M. D. Smolin. Fiz. met. i metalloved. 11 no. 2:307-309 F '61.

Measurement of cation transference numbers in $Na_2O \cdot MgO \cdot 4SiO_2$ and $Na_2O \cdot SrO \cdot 4SiO_2$ melts [with summary in English]. V. I. Malkin, V. V. Pokidyshev. Zhur. fiz. khim. 34 no. 4:805-808 Ap '60.

IOWA—FARMS

Emel'ianov, I. E. [The farm of Roswell Garst] Ferma Roselia Garsia. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 92 p.
(DA)

IRAN—POLITICS AND GOVERNMENT

The pull toward neutrality in Iran. IU. Zvingin. Nov. vrem. 19 no. 24:8-9 Je '61.

Rotten position. Nov. vrem. 19 no. 22:2 My '61.

IRAN—RELATIONS (GENERAL) WITH RUSSIA

Osmanova, Z. G. [M. Gor'kii and the literature of Iran] M. Gor'kii i literatura Irana. Moskva, Izd-vo vostochnoi lit-ry, 1961. 127 p.

IRAQ—ALKALI LANDS

"Salinity and irrigation agriculture in antiquity." Diyala Basin archaeological project; report on essential results, June 1, 1958 [in English]. Reviewed by B. Andrianov. Sov. etn. no. 2:195-198 Mr-Ap '60.

IRAQ—DESCRIPTION AND TRAVEL

In Iraq (conclusion). Elena Bonner-Alikhanova. Neva no. 4 172-182 '61.

IRAQ—DUST STORMS

Simoom in Iraq. N. A. Nikitin. Priroda 50 no. 5:64-65 My '61.

IRAQ—IRRIGATION FARMING

"Salinity and irrigation agriculture in antiquity." Diyala Basin archaeological project; report on essential results, June 1, 1958 [in English]. Reviewed by B. Andrianov. Sov. etn. no. 2:195-198 Mr-Ap '60.

IRAQ—PHYSICIANS

In Iraq (conclusion). Elena Bonner-Alikhanova. Neva no. 4:172-182 '61

IRELAND—ECONOMIC POLICY

Beginning of a chapter. L. Sedin. Nov. vrem. 19 no. 2 10-13 Je '61.

IRIDIUM—DECAY

Positron decay of Ir^{192} [with summary in English]. S. Antonova and others. Zhur. eksp. i teor. fiz. 38 no. 2 379-383 F '60.

IRIS (PLANT)

Dates and intensity of the blooming of Iris Maricoides. V. P. Dubrovskii, N. S. Narkina. Biul. Glav. bot. sada no. 38:31-33 '60.

IRISH LANGUAGE—WORDS

The etymology of the Irish word "bran." IU. V. Otkupshchikov. Uch. zap. LGU no. 299:143-147 '61.

IRKUTSK—HOUSING

Seven years of red tape. A. Ganzburg, V. Mukhortov. Sov. deput. trud. no. 6 86-87 Je '61.

IRKUTSK—UNIVERSITIES AND COLLEGES—GRADUATE WORK

Institutions of higher learning in eastern districts need personnel with the highest qualifications. V. IA. Rogov. Vest. vys. shkoly 10 no. 5, 103-105 My '61.

IRKUTSK HYDROELECTRIC POWER STATION

Temporary operation of the Irkutsk Hydroelectric Power Station. N. A. Filimonov. Gidr. stroi. 30 no. 5:30-My '60.

IRKUTSK PROVINCE—AGRICULTURAL EXPERIMENT STATIONS

Support for agriculture. B. A. Malinovskii. Vest. sel'khoz. nauki 6 no. 5:129-133 My '61.

IRKUTSK PROVINCE—CONSTRUCTION INDUSTRY

Lowering the weight of buildings is a source of economy in housing construction. V. Kiselev. Ekon. stroi. no. 4:42-43 Ap '61.

IRKUTSK PROVINCE—SUGAR BEETS

Characteristics of the growth and development of sugar beet in Irkutsk Province. P. I. Nogin. Agrobiologiia no. 3:449-450 My-Je '61.

IRON

Acetyl derivatives of pentaethanolferrocene. A. N. Nesmeianov, N. S. Kochetkova, R. B. Materikova. Dokl. AN SSSR 136 no. 5:1096-1098 F '61.

Activity and structure of ammonia synthesis iron catalysts with three or four promoters. S. S. Lachinov and others. Probl. kin. i kat. 10:199-203 '60.

Interaction in the system palladium - dimethylglyoxime trivalent iron [with summary in English]. Z. B. Golubtsova, L. I. Lebedeva, IU. V. Morachevskii. Zhur. anal. khim. 16 no. 2:191-195 Mr-Ap '61.

Removal of iron from hydrochloric acid solutions by extraction. P. V. Dybina. Zhur. prikl. khim. 33 no. 10:2184-2189 O '60.

Types of calcium and iron accumulation in peat bogs. V. N. Efimov. Dokl. AN SSSR 136 no. 2:435-436 My '

IRON—ANALYSIS

Coulometric titration of iron, antimony, and tin by means of electrolytically generated permanganate ions. A. I. Kostromin, S. A. Flegontov. Zav. lab. 27 no. 5:528-5 '61.

Separate determination of manganese, chromium, and iron in the air by polarography. M. S. Bykhovskaia, I. Orlova. Zav. lab. 27 no. 5:540-542 '61

IRON—CORROSION

Corrosive disintegration of heated iron in a high-speed flow of cold air. V. I. Prosvirin, L. IA. Nesgovorov. Dokl. AN SSSR 138 no. 2 [illegible] My '

ON ALLOYS—METALLOGRAPHY

Changes of electric resistance and thermoelectromotive force in the process of α ⇄ γ iron alloy transformation. M. E. Blanter, A. L. Mashkov. Izv. met. i metalloved. 11 no. 2 191-202 F '61

Electronographic investigation of iron-carbon alloys of variable composition prepared with use of electron bombardment. L. S. Palatnik, G. V. Fedorov, A. G. Ravlik. Fiz. met. i metalloved. 11 no. 2:236-249 F '61

X-ray investigation of structural changes and mutual arrangement of individual grains in specimens of low-alloy iron in the process of deformation by pure tension. V. N. Shcherbakov, L. N. Nagovitsyna, L. S. Osipov. Fiz. met. i metalloved. 9 no. 4 510-514 Ap '60

ION-ALUMINUM ALLOYS—ELECTRIC PROPERTIES

Electric resistance in the Fe_3Al alloy during cold deformation and subsequent heat treatment. IA. P. Selisskii. Fiz. met. i metalloved. 9 no. 4 633-635 Ap '60

ION-ALUMINUM ALLOYS—MAGNETIC PROPERTIES

"Two Curie points" in iron-aluminum alloys. Sh. I. Zuyman. Fiz. met. i metalloved. 9 no. 4 635-637 Ap '60.

ION CHLORIDE

Quaternary system $FeCl_3$ - HCl - H_2O - $(C_2H_5)_2O$. A. V. Nikolaev, M. P. Mikhailova. Izv. Sib. otd. AN SSSR no. 3 46 53 '61

Spectrophotometric study of the interaction of phthalocyanine with ferric chloride. T. S. Glikman, Z. I. Barvinskaia. Opt. i spektr. 8 no. 3 425-426 Mr '60

ION COMPOUNDS

Oxidation-reduction in the interaction between iron compounds and proteins, and causes of the instability of iron-tanned leather. M. I. Derbarendiker. Zhur. prikl. khim. 33 no. 10 2350-2356 O '60

Role of micro-organisms in reductive processes in soil. Part 2. Iron reduction by a pure culture of Pseudomonas fraiucidin. V. I. Duba, I. V. Kalakutskii. Nauch. doki. vys. shkoly, biol. nauki no. 2:198-201 '61

ION-COPPER ALLOYS

Diffusion in heterophase systems. Bao-Sine-Sin', B. S. Bokshtein, A. A. Zhukhovitskii. Fiz. tver. tela 3 no. 3 723-728 Mr '61.

ION CRYSTALS—GROWTH

Studying the kinetics of the growth of grains in high-purity α-iron. V. I. Ivanov, K. A. Osipov. Dokl. AN SSSR 138 no. 2 338-341 My '61.

ION FOUNDING

(see also subdivision under United States)

Casting of piston rings of high strength iron. M. S. Gvozdov. Lit. proizv. no. 5 41-42 My '61.

Changes of carbon content in magnesium cast iron. A. P. Rylnikov. Lit. proizv. no. 5 29-30 My '61.

Effect of melting conditions on the resilience of magnesium cast iron. S. M. Baranov, G. M. Golub, Z. M. Ivanova. Lit. proizv. no. 5:4-6 My '61.

Effect of the amount of inoculator and the rate of cooling on the crystallization of magnesium cast iron. K. V. Gorev, Z. N. Proskurina, L. A. Shevchuk. Lit. proizv. no. 5:22-25 My '61.

Investigating the inhomogeneity of magnesium cast iron. N. M. Zarubin. Lit. proizv. no. 5 27-28 My '61.

ION IN THE BODY

Amount of vitamin B_{12} and iron in blood serum in stomach diseases. E. L. Atakhanov, U. I. Ulidashev. Med. zhur.

...liev.

Promote the role of primary organizations. E. Dzhaparidze, A. Maslennikov. NTO 2 no. 5:53-54 My '60.

IRON MINES AND MINING

(see also subdivision under Kursk Magnetic Anomaly)

Kulikov, A. V., V. V. Kulikov, and S. M. Meleshkin. [Mining operations in iron-ore deposits abroad] Razrabotka zheleznorudnykh mestorozhdenii za rubezhom. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 487 p.

IRON-MOLYBDENUM-NICKEL ALLOYS see Molybdenum-nickel-iron alloys

IRON-NICKEL ALLOYS—ELECTROMETALLURGY

Hydrometallurgical process for the treatment of a concentrated iron-nickel alloy. G. O. Kasherininov. TSvet. met. 34 no. 5 25-29 My '61

IRON-NICKEL ALLOYS—METALLOGRAPHY

Effect of crystal properties and substructure on the metal strength. Part 1. Fe-Ni and Fe-Si alloys. V. M. Kardonskii and others. Fiz. met. i metalloved. 11 no. 4 609-614 Ap '61

IRON ORES

(see also subdivision under Chelyabinsk Province; Dashkesan, Kerch Peninsula, Magnitnaya Mountain, Teya Valley)

Correlation of Pre-Cambrian iron ore series of the U. S. S. R. and of the Chinese People's Republic. IA. M. Bukchaev. Geol. zhur. 20 no. 1:58-67 '60

Evaluating the rare and trace element content of iron ores. G. S. Momdzhi, V. M. Grigor'ev. Razved. i okh. nedr. 27 no. 3 11-17 Mr '61.

Hermit minerals. V. A. Voronich. Priroda 50 no. 5:112-113 My '61.

Most efficient ratio of iron ore concentration [with summary in English]. Z. A. Kulagina. Stal' 21 no. 6: 486-489 Je '61.

Oxidation-reduction equilibrium in the uranium - iron system in a carbonate environment and its significance in geochemistry [with summary in English]. G. B. Naumov, O. F. Mironova. Geokhimiia no. 3:241-246 '60.

IRON ORES—ANALYSIS see subdivision under Kerch Peninsula

IRON OXIDES

Forms of migration and concentration of iron in loess soils of White Russia. K. I. Lukashev, S. G. Dromashko, I. A. Dobrovol'skaia. Dokl. AN BSSR 5 no. 5 318-322 My '61

Reduction of ferric oxide and magnetite by mixtures of hydrogen and carbon monoxide at low temperatures. A. G. Moskvicheva, G. I. Chufarov. Zhur. prikl. khim. 33 no. 10 2212-2215 O '60

IRON OXIDES—ANALYSIS

Rapid method of detecting Fe_2O_3 in a calcareous-iron compound. E. V. Khitro, M. I. Kostomarov, L. I. Ostapchuk. Ogneupory 25 no. 5 237-238 '60.

IRON-PLATINUM ALLOYS—ELECTRIC PROPERTIES

Hall effect in the Fe_3Pt alloy near the Curie temperature. B. I. Sviridi, Z. D. Sirota. Vest. Mosk. un. Ser. 3 Fiz., astron. 15 no. 6 27-30 N-D '60

IRON-SILICON ALLOYS

Temperature dependence of magnetostriction in iron-silicon alloys. A. IA. Vlasov, I. I. Gurt'kova. Fiz. met. i metalloved. 11 no. 2:207-210 F '61

IRON-SILICON ALLOYS—METALLOGRAPHY

Effect of crystal properties and substructure on the metal strength. Part 1. Fe-Ni and Fe-Si alloys. V. M. Kardonskii and others. Fiz. met. i metalloved. 11 no. 4 609-614 Ap '61.

IRRIGATION

(see also subdivision under Fergana; Golodnaya Steppe, Soviet Central Asia)

Determining conditions for the most efficient operation of irrigation pumps. V. A. Baranov. Trudy SANIIRI 93:30-67 '58.

Field study of underground water conditions in irrigated regions. N. V. Rogovskaia. Razved. i okh. nedr. 27 no. 3:46-48 Mr '61.

Growth characteristics of some ligneous species in the middle Amu Darya Valley and their role in afforestation on irrigated lands. V. M. Shitikova. Izv. vys. ucheb. zav., les. zhur. 3 no. 1:49-53 '60

Leveling irrigated areas on collective and state cotton farms. A. N. Liapin, E. L. Okulich-Kazarin. Trudy SANIIRI 93:69-114 '58.

Mechanical irrigator. Tekh. mol. 29 no. 4:37 Ap '61.

Possibility of using artesian waters of the Angren alluvial cone for irrigation purposes. A. L. Shevchenko. Uzb. geol. zhur. no. 2 30-34 '61

Problems in the technical operation of irrigation reservoirs in Central Asia. E. IA. Frolikova. Trudy SANIIRI no. 101:3-45 '59.

Underground irrigation. M. Lavrent'eva. Tekh. mol. 29 no. 5:33 '61.

...inged servant of fertility. IU. Moralevich. IUn. tekh. 5 no. 5:58-61 My '61.

IRRIGATION—BIBLIOGRAPHY see Bibliography—Irrigation

IRRIGATION CANALS AND FLUMES

Means and methods for controlling weeds in irrigation and drainage systems. P. V. Donskoi. Izv. AN Uz. SSR no. 10:103-106 '56

IRRIGATION FARMING

(see also subdivision under Iraq; Ukraine)

Changes in the fertility of irrigated meadow-bog soils [with summaries in English, German, and French]. N. K. Balabo, T. P. Lasukova, S. G. Vasil'eva. Vest. sel'khoz. nauki 6 no. 5:31-36 My '61.

Irrigation for seed alfalfa. Kh. U. Azimov. Izv. AN Uz. SSR no. 6:63-67 '56.

IRTYSH RIVER—BARGES

Better composition of barge trains for lumber transportations in the basin of the Irtysh River. E. Mukhin. Rech. transp. 20 no. 5:8-9 My '61.

IRTYSH VALLEY—GEOLOGY

Geology of the second structural stage in the Ishim-Irtysh interfluve in the light of geophysical data [with summary in English]. I. K. Tuezov, G. L. Kovalevskii. Geol. i geofiz. no. 4:88-95 '61.

IRTYSH VALLEY—INLAND WATER TRANSPORTATION—RATES

Rates for grain transportation in the Ob'-Irtysh Basin. I. Kolesov. Rech. transp. 19 no. 2 9-10 F '60

IRTYSH VALLEY—SOIL MOISTURE

Water balance of the sandy soils of pine strip forests in the Irtysh region [with summary in English]. A. V. Sudakov. Pochvovedenie no. 5 51-60 My '61.

ISFARA DISTRICT—ECONOMIC GEOGRAPHY

Brief study of the economic geography of Isfara District. N. T. Tolaev. Uch. zap. Stal. gos. ped. inst. no. 21 81-97 '59

ISHIHARA, SHINTARO, 1932-

Young writers of Japan. Eto Jun. Inostr. lit. no. 4 213-215 Ap '61

ISHIM VALLEY—GEOLOGY

Geology of the second structural stage in the Ishim-Irtysh interfluve in the light of geophysical data [with summary in English]. I. K. Tuezov, G. L. Kovalevskii. Geol. i geofiz. no. 4:88-95 '61.

ISHIM VALLEY—WATER, UNDERGROUND

Relation between the chemical composition of underground waters and interstitial waters in clayey "water resistant" rocks. N. P. Zatenatskaia. Dokl. AN SSSR 138 no. 4:924-927 Je '61.

ISKANDERKUL', LAKE

The Iskanderkul' Lake. D. L. Borozdin. Uch. zap. Stal. gos. ped. inst. no. 21:58-64 '59.

ISOBUTYRIC ACID

Synthesis of amides of substituted propionic and isobutyric acids. E. N. Zil'berman, S. B. Meiman, A. E. Klukova. Zhur. prikl. khim. 33 no. 10:2375-2376 O '60

ISOESTRONE

New method of synthesizing steroid compounds. Complete synthesis of dl-8-isoestrone. V. N. Leonov, S. N. Ananchenko, I. V. Torgov. Dokl. AN SSSR 138 no. 2 384-386 My '61.

ISOINDOLINE

Phthalocyanine and its derivatives from diiminoisoindolines. V. F. Borodkin, R. P. Smirnov. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 2 287-290 '61

ISOMERIZATION

Isomeric transformations of sulfones of the naphthalene series in the presence of metal halides. V. A. Koptiug, T. N. Gerasimova, V. A. Plakhov. Zhur. ob. khim. 31 no. 5 1611-1621 My '61

ISOMERS

Special features of the formation of complex compounds with cycle-forming substituents. Kh. I. Gil'dengershel'. Dokl. AN SSSR 138 no. 2 369-372 My '61.

ISOMORPHISM

X-ray study of isomorphism in perovskites [with summary in English]. V. A. Frank-Kamenetskii, I. Veselovskii. Geokhimiia no. 5 379-389 '61.

ISONICOTINIC ACID

Absorption and secretion of an aerosol of phthivazid. M. V. Aburashitova. Sbor. trud. Uz. nauch.-issl. tub. inst. 3 70-75 '57.

Biological method for determining preparation Th-1314 (thianide) in the blood. G. IA. Kivman, N. A. Kalinina. Biul. eksp. biol. i med. 50 no. 7:121-122 Jl '60.

Condensation of aldehydes and ketones. Part 8. Synthesis of 2,6-diphenylisonicotinic acid based on the reaction of the diketonic condensation of acetophenone with acetaldehyde. M. L. Tatichenko. Zhur. ob. khim. 31 no. 5 1558-1560 My '61

Conversion of phthivazid and tubazid (INH) in the organism. L. I. Grebennik, T. I. Tolstova. Farm. i toks. 24 no. 1:114-116 Ja-F '61.

Immediate therapeutic effect from the drug, larusan. N. E. Iordanskaia, O. A. Matynkina, T. I. Khachaturova. Sbor. trud. Uz. nauch.-issl. tub. inst. 3:82-86 '57.

Metazid in the treatment of pulmonary tuberculosis. Sh. A. Alimov, M. A. Azarnykh. Sbor. trud. Uz. nauch.-issl. tub. inst. 3:76-82 '57.

Results of further observations on the therapeutic effectiveness of phthivazid. Sh. A. Alimov, M. V. Aburashitova. Sbor. trud. Uz. nauch.-issl. tub. inst. 3:65-69 '57

Tubazid in the treatment of tuberculosis. Kh. Karimdzhanova. Sbor. trud. Uz. nauch.-issl. tub. inst. 3:91-95 '57

ISOPHTHALONITRILE
Hydrogenation of nitriles. Report No 1: Hydrogenation of isophthalonitrile on a cobalt catalyst, D. V. Sokol'skii, F. Bizhanov, Izv. AN Kazakh SSR, Ser. khim. no 2 101-104 '60

ISOPODA see subdivision under Pacific Ocean

ISOPROPYL ALCOHOL
Role of delections in catalysis. Kinetics of dehydrogenation of isopropyl alcohol in the presence of copper, cobalt, nickel, iron, silver, platinum, and palladium. A. A. Balandin, P. Teteni. Probl. kin. i kat. 10 339-343 '60

ISOTHIOCYANIC ACID
Electrolytic dissociation in nonaqueous systems. Part II. The system o-anisidine - allyl mustard oil [with summary in English]. S. P. Mikhadzhian. Zhur. fiz. khim. 34 no. 4 802-804 Ap '60

ISOTOPE SEPARATION
Automatic cascade apparatus for producing the heavy isotope of nitrogen in high concentrations. I. G. Gverdtsiteli and others. Atom. energ. 10 no. 5 487-491 My '61.

Separation of rare-earth elements from tantalum [with summary in English]. O. V. Larionov, M. K. Nikitin. Vest. LGU 16 no. 10:73-76 '61.

Separation of silicon isotopes by monosilane rectification. G. G. Devyatykh, G. K. Borisov, A. M. Pavlov. Dokl. AN SSSR 138 no. 2 402-404 My '61.

ISOXAZOLIDINONE
Concentration of cycloserine in the blood and its excretion. Preliminary report [with summary in French]. E. S. Stepanian, M. A. Dreger, I. R. Bolyn'. Probl. tub. 38 no. 3:89-94 '60.

Influence of treatment with cycloserine on vitamin B6 and nicotinic acid metabolism [with summary in French]. V. D. Gol'dshtein. Probl. tub. 38 no. 3: 46-52 '60.

Morphological analysis of the effect of cycloserine on experimental tuberculosis in white mice [with summary in English]. V. S. Mitrofanov, I. L. Razumova. Antibiotiki 5 no. 2 70-73 Mr-Ap '60.

Synergistic effect of cycloserine in association with other antibiotics in relation to Staphylococcus. Report No. 1 [with summary in English]. M. Bals, M. Roman, M. Ellian. Antibiotiki 5 no. 2 85-87 Mr-Ap '60.

ISTRA VALLEY—RUNOFF
Snow melting and runoff in ravines of the Istra Station of the All-Union Scientific Research Institute of Forestry and the Mechanization of Forest Management in the spring of 1959. Iu. V. Gorbunov. Trudy TSIP no 99: 26-32 '61.

ITALIAN LANGUAGE
G. Vieusseux's "Antologia" and problems of language. A. A. Kasatkin. Uch. zap. LGU no. 299 101-105 '61.

ITALIAN LANGUAGE—GRAMMAR
Substantiveness of the infinitive in the modern Italian language. Iu. A. Karulin. Vop. iaz. i lit. no. 1:54-65 '59.

ITALIAN LANGUAGE—INFINITIVE
The verbal infinitive in the modern Italian language. Iu. A. Karulin. Vop. iaz. i lit. no. 2:26-35 '60.

ITALIAN LITERATURE—HISTORY AND CRITICISM
Problems of the novel. Carlo Salinari. Inostr. lit. no. 3 214-220 Mr '60

ITALIAN PERIODICALS
G. Vieusseux's "Antologia" and problems of language. A. A. Kasatkin. Uch. zap. LGU no. 299, 101-105 '61

ITALY—AUTOMOBILES—DESIGN AND CONSTRUCTION
Original design of a passenger car. Avt. transp. 39 no. 5, 61-62 My '61.

ITALY—CATHOLIC CHURCH
Meditating at the bronze gates ("The bronze gates" [in Polish] by Tadeusz Breza. Reviewed by S. Larin). Inostr. lit. no. 4:264-266 Ap '61.

ITALY—CHILDREN AS ARTISTS
Drawings of Italian children. L. Moskvina. Nach. shkola 29 no. 5:93-94 My '61.

ITALY—COMMUNIST PARTY
The Italian laboring class in the struggle for democracy and socialism. K. Kholodkovskii. Mir. ekon. i mezhdunar. otn. no. 6, 119-123 Je '61.

ITALY—EDUCATION
Sad reality. Miriam Mafai. Vsem. stud. nov. 15 no. 1: 9-10 Ja '61.

ITALY—HISTORY
Competition between Venice and other Italian republics for predominant position in the Orient in the 12th and the 13th centuries. N. P. Sokolov. Uch. zap. GGU no 46 53-81 '59.

"Italy and the Byzantine Empire in the sixth century" by Z. V. Udal'tsova. Reviewed by M. Zaborov. Vest. drev. ist. no. 1 151-155 '61.

Italy past and present. G. Bogomolkai. Nov. vremi 19 no. 23:6-7 Je '61.

ITALY—LABOR AND LABORING CLASSES
The Italian laboring class in the struggle for democracy and socialism. K. Kholodkovskii. Mir. ekon. i mezhdunar. otn. no. 6 119-123 Je '61.

Some data on employees' work in Italy. I. Kiselev. Biul. nauch. inform. trud i zar. plata 4 no. 5 74-78 '61

ITALY—MOTION-PICTURE PLAYS
Survey of the foreign press. Inostr. lit. no. 4 216-221 Ap '61

ITALY—POLITICS AND GOVERNMENT
Gramsci, Antonio. [Articles from "Ordine nuovo."] Problems of the revolution. Problems of cultural life. Translated from the Italian. Preface by T. Kotsiubinskii. [Stat'i iz "Ordine nuovo." Problemy revoliutsii. Problemy kul'turnoi zhizni. Moskva, Gos. izd-vo polit. lit-ry, 1960. 124 p. (Bibliotechka po nauchnomu sotsializmu, no. 53)

ITALY—SLAVIC STUDIES
A yearbook of Italian Slavists ("Slavic studies" [in Italian]. Reviewed by N. A. Bogomolova). Kratk. soob. Inst. slav. no. 31 143-146 '61.

ITALY—TEXTILE FIBERS, SYNTHETIC
Spinning of synthetic staple fibers. Tekst. prom. 20 no. 1 81-85 Ja '60

ITALY—TRIALS (MURDER)
Stones are crying out. Volov. ateist. no. 5:60 My '61.

ITALY—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS
This is how the anti-Fascists died. Inostr. lit. no. 3 244-255 Mr '60

IUGOV, ALEKSEI KUZ'MICH
A novel about a great construction project ("On a great river", a novel by Alekseĭ IUgov. Reviewed by Vl. Ditts). Neva no. 4 199-200 '61

IUZBASHEVA, NATAL'IA
Planists, A. Gottlib, D. Rabinovich, Mstislav Smirnov. Sov. muz. 26 no. 6:153-156 Je '61.

IVANOV, VASILII VASIL'EVICH, 1846-1919
A model for the faithful; on the occasion of the 40th anniversary of the death of V. V. Ivanov. Prirod. vest. no. 1:68-70 '60.

IVANOV, VSEVOLOD VIACHESLAVOVICH, 1895-
V. S. Ivanov's tale "Armored train 14-69." G. F. Svishcheva. Uch. zap. MGPI 87 279-295 '59

IVANOVO—COTTON MANUFACTURE
Two brigades. A. Kozlov. Sov. trog. 33 no. 4:39-44 Ap '60.

IVANOVO—MUNICIPAL SERVICES
Progressive repair and construction trust. I. Zholudev. Zhil.-kom. khoz. 11 no. 2:17, 20-21 F '61.

IVANOVO—POPULISM (NARODNICHESTVO)
Populist propaganda among Ivanovo-Voznesensk workers in 1874-1875. A. IA. Kiperman. Ist. SSSR 5 no. 3 139-143 My-Je '61.

IVANOVO—TEXTILE INDUSTRY
Give your hand, comrade!. Angelina Lebedeva. Sov. profsoiuzy 17 no. 10, 23 My '61.

IVANOVO PROVINCE—FARM BUILDINGS—FIRES AND FIRE PREVENTION
Useful initiative. V. Zolotukhin. Pozh. delo 7 no. 5 10 My '61.

IVANOVO PROVINCE—FIREMEN
Pledge of Ivanovo Province firemen. V. Shirokov. Pozh. delo 7 no. 3:4 Mr '61.

IVANOVO PROVINCE—RURAL SCHOOLS
In the villages of Ivanovo Province. V. Varlushin. Nar. obr. no. 5 21 My '61.

IVANOVO PROVINCE—TEXTILE WORKERS
Ivanovo Province textile workers mobilize their resources. M. S. Kiselev. Tekst. prom. 20 no. 3 14-15 Mr '60.
They set an example. Tekst. prom. 20 no. 3:16-17 Mr '60.

IZHDEVAN DISTRICT—ANTIQUITIES
Archaeological discoveries near the settlement of Izhdevan. S. A. Esaian. Izv. AN Arm. SSSR. Obshchestv. nauki no. 4 73-82 Ap '61.

IZMALKOVO DISTRICT—STATISTICS
On the statistical record of a district. N. Litvinov. Vest. stat. no. 5:74-75 '61.

IZYNDY-ARAL, CAPE—PALEONTOLOGY, STRATIGRAPHIC
Microfaunal composition of nummulite strata of Cape Izyndy-Aral on the northern shore of the Aral Sea. R. Kh. Lipman. Dokl. AN SSSR 138 no. 3 651-654 My '61.

JACOBI POLYNOMIALS see Functions, Orthogonal

JAPAN—AGRICULTURE
The role of agricultural surveys in reducing Japanese peasants to serfdom in the second half of the 16th century. I. G. Pozdniakov. Uch. zap. Inst. vost. 23 67-93 '59.

JAPAN—CHILDREN'S LITERATURE
At the exhibition of Japanese toys and books. R. Smirnov. Doshk. vykh. 22 no. 6 47 Je '61.

JAPAN—CITIES AND TOWNS
Some problems relating to the study of Japanese feudal cities. A. A. Iskenderov. Uch. zap. Inst. vost. 23 5-2[illegible] '59

JAPAN—COAL PREPARATION
Classification and dewatering of pulp in centrifuges. Ivasaki Kharuno (Japan). Obog. i brik. ugl. no. 11 89-9[illegible] '60

JAPAN—COMMUNIST PARTY
The labor and socialist movement in Japan after the First World War, 1917-1921. A. B. Kozorovitskaia. Uch. zap. Inst. vost. 23 180-225 '59

JAPAN—DESCRIPTION AND TRAVEL
Japanese sketches (to be concluded). Oles' Gonchar. Ogonek 39 no. 22, 22-24 My '61.

JAPAN—ECONOMIC CONDITIONS
Social and economic premises of the bourgeois revolution in Japan. A. L. Gol'perin. Uch. zap. Inst. vost. 23 94-115 '59

JAPAN—ETCHINGS
Modern Japanese etchings. Sergei Sokolov. V zasheshnira no. 5 93-95 My '61

JAPAN—FEUDALISM
Some problems relating to the study of Japanese feudal cities. A. A. Iskenderov. Uch. zap. Inst. vost. 23-5-2[illegible] '59

JAPAN—FOREIGN ECONOMIC RELATIONS—EUROPE
Early history of the economic expansion of European countries in Japan, 1542-1640. E. IA. Fainberg. Uch. zap. Inst. vost. 23 22-66 '59

JAPAN—FOREIGN RELATIONS
A valuable contribution to the study of Japanese history and international relations in the Far East ("The foreign policy of Japan from September 1939 to December 1941" by D. I. Gol'dberg. Reviewed by S. A. Moglievskii, V. K. Buraev). Vest. LGU 16 no. 8 156-160 '61

JAPAN—FOREIGN RELATIONS—RUSSIA
History of the normalization of Soviet-Japanese relations after the Second World War. S. T. Leonidov. Uch. zap. Inst. vost. 23 261-291 '59.

JAPAN—HISTORY
Collapse of the shogunate. P. P. Topekha. Uch. zap. Inst. vost. 23 116-128 '59
"Genesis of the Meiji Government in Japan, 1868-1871" [in English] by Robert A. Wilson. Reviewed by L. Frishman. Uch. zap. Kazakh. un. 47:107-113 '60.
The Japanese in Russia during the self-isolation of Japan. E. IA. Fainberg. Uch. zap. Inst. vost. 23 226-260 '59

JAPAN—LABOR AND LABORING CLASSES
Japanese sketches (to be concluded). Oles' Gonchar. Ogonek 39 no. 22 22-24 My '61.

JAPAN—MONOPOLIES
Development of the monopolist phase of Japanese capitalism and the nature of the Russo-Japanese War of 1904-1905. L. IA. Bedniak. Uch. zap. Inst. vost. 23 129-179 '59.

JAPAN—PEASANT UPRISINGS
Chronology of peasant uprisings in the Togukawa period. Uch. zap. Inst. vost. 23-292-334 '59.

JAPAN—POLITICS AND GOVERNMENT
Ikeda is zealous. B. Valentinov. Mezhdunar. zhizn' 8 no. 6:124-125 Je '61.

JAPAN—SERFDOM
The role of agricultural surveys in reducing Japanese peasants to serfdom in the second half of the 16th century. I. G. Pozdniakov. Uch. zap. Inst. vost. 23:67-9[illegible] '59.

JAPAN—SONGS
The first Russian song in Japan. V. Konstantinov. Novyi mir 37 no. 5:278-280 My '61.

JAPAN—TOYS
At the exhibition of Japanese toys and books. R. Smirnov. Doshk. vykh. 22 no. 6:47 Je '61.

JAPAN—TRADE UNIONS
The labor and socialist movement in Japan after the First World War, 1917-1923 A B. Kozorovitskaia Uch zap Inst vost 23 160-225 '59

JAPANESE
The Japanese in Russia during the self-isolation of Japan E. IA Fainberg Uch zap Inst vost. 23-226-260 '59.

JAPANESE LANGUAGE—SYNTAX
Materials on the syntax of the Japanese language A A Kholodovich. Uch zap LGU no. 294 115-122 '61

JAPANESE STUDIES
From the editor Uch zap Inst vost. 23 3-4 '59

JAUNDICE
Hemopoiesis and the amount of vitamin B_{12} in dogs following gastrectomy, and in experimental hepatitis [with summary in English]. O. A. Karolenko. Biul. eksp. biol. i med 50 no. 10 48-53 O '60.

JAWS—ABNORMITIES AND DEFORMITIES
Clinical and anthropometric diagnosis of underdevelopment of the mandible. L. V. Kazakova. Stomatologiia 40 no. 1 73-78 Ja-F '61.

JAWS—BLOOD SUPPLY
Paths of venous blood outflow from the mandible. V. G. Tatarinov. Stomatologiia 40 no. 1 69-72 Ja-F '61.

JAWS—CANCER
Treatment of malignant tumors of the maxilla. M. V. Paradoksov, G. P. Ioannidis. Med. zhur. Uzb. no. 11-28-31 N '60.

JAWS—DISEASES
Clinical and radiological parallels in perimaxillary phlegmons. V. Z. Skotchegat'ko Stomatologiia 40 no. 2 32-35 Mr-Ap '61.
Contemporary status of the problem of treating odontogenic inflammatory diseases of the jaws. M. D. Dubov. Stomatologiia 40 no 2:27-32 Mr-Ap '61.
Fibrous dysplasia of the jaws. B. I. Migunov, A. A. Kolesov. Stomatologiia 40 no. 1:39-45 Ja-F '61.
Some differential diagnostic signs in perimaxillary phlegmons. M. D. Dubov Stomatologiia 40 no. 1 59-63 Ja-F '61.
Use of bitsillin 3 in the compound treatment of acute suppurative diseases of the maxillofacial region. IU. F. Semenenko. Stomatologiia 40 no 1:65-69 Ja-F '61.

JAWS—FRACTURE
Isolated fracture of the coronoid process of the mandible. T. V. Cherniatina. Stomatologiia 40 no. 1 97-98 Ja-F '61.
Treatment of mandibular fractures with a bone suture using a plastic thread. V. Z. Liubarskii. Stomatologiia 40 no. 2:53-55 Mr-Ap '61.

JAWS—SURGERY
Fractures of a thin bone transplant used to replace a mandibular defect. K. S. IAdrova. Stomatologiia 40 no. 1 54-56 Ja-F '61.
Single-stage replacement of bone defects following removal of benign and malignant tumors of the mandible. P. V. Naumov. Stomatologiia 40 no. 1, 51-54 Ja-F '61.
Use of free combined (bone-tissue) transplant for repair of defects of the mandible. A. M. Nikandrov. Stomatologiia 40 no. 2:50-53 Mr-Ap '61.

JAWS—TUMORS
Plasmocytomas of the jaws. N. N. Bazhanov. Stomatologiia 40 no. 2, 39-41 Mr-Ap '61.

JEEPS see Automobiles, Military

JERUSALEM—ORTHODOX EASTERN CHURCH, RUSSIAN
Celebration of the name day of His Holiness Patriarch Alekseii at the Russian Church Mission in Jerusalem Zhur. Mosk. Patr no. 5 31 My '61
News of the Russian Church Mission in Jerusalem Father-Superior Varfolomei. Zhur Mosk Patr no 4-29 Ap '61

JERUSALEM—SHRINES
In the name of unity and peace (pilgrimage of His Holiness Patriarch Alekseii to the holy places of the East). Holy places in Jerusalem today (to be continued). N D Uspenskii. Zhur. Mosk. Patr. no. 5:11-30 My '61.

JERUSALEM ARTICHOKE
Dynamics of carbohydrate formation in vegetative organs of Helianthus tuberosus L. [with summary in English] S M. Strepkov. Biokhimiia 25 no 2:219-226 Mr-Ap '60.
Storage of Jerusalem artichoke tubers at the Markizovka fructose plant I I Marchenko, M. IA. Situsaronko. Sakh prom 35 no. 5:48-51 My '61

JET PLANES
"Design of jet planes" by V. I. Fedorov. Reviewed by A. V. Minaev. Vest. Vozd. Fl. no. 12:77-78 D '60.

JET PLANES—FUEL
Effect of thiols on the formation of insoluble precipitates in fuels at high temperatures. P. I. Davydov, G. F. Bol'shakov. Khim. i tekh. topl. i masel 6 no. 5:48-53 My '61.

JETS
Question of the efficiency of adopting high-speed jets of water for cutting sandstone and shale. G. M. Veselov, IU. G. Komashin. Trudy Inst. gor. dela 5 101-107 '60.

JETS—FLUID DYNAMICS
Remarks on IA I Sekerzh-Zen'kovich's work "Theory of the Borda mouthpiece for a gas" N. N Makeev Prikl mat i mekh 25 no 2 383-384 Mr-Ap '61

JETS—THERMODYNAMICS
Experimental study of the thermal efficiency of gas streams from torches in jet piercing. A P. Pershin. Izv. vys. ucheb. zav., gor. zhur. no. 6 76-84 '60.

JETTIES
Hydraulic principle of the filling in of rock fill by suspended sand. S. V. Labash, I. M Sliskii, A. I. Smoliak. Gidr. stroi. 31 no 1 33-39 Ap '61.

JEWELERS—TECHNOLOGICAL INNOVATIONS
Born from inspiration. I Druzhinin. Meat. prom i khud. promys. 2 no. 5 13-14 My '61.

JOB, SAINT, of POCHAYEV, 1551-1651
Ilarion, Metropolitan of Winnipeg and All Canada. [Saint Jobof Pochayev] Prepodobnyi Iov Pochaivs'kyi. Winnipeg, Ukr. Naukove Pravoslavne Bohoslovs'ke Tovarystvo, 1957. 63 p.

JOHNSON, LYNDON BAINES, 1908-
Lyndon Johnson's tour of Asia. Al. Leont'ev. Nov. vrem. 19 no. 23:11-12 Je '61

JOINTS—SURGERY
Skin as plastic material for interposition in arthroplasty of rigid joints, experimental study [with English summary in insert]. V S. Balakina Ortop. travm. i protez. 22 no 1:38-43 Ja '61.

JOURNALISM
(see also subdivision under Azerbaijan; Dobrudja, Georgia; Hungary, Latvia; Makharadze District; Moldavia, Rumania, Rustavi; Tiflis; Ukraine; United States, Uzbekistan; White Russia)
An answer to a comrade. I. Blauvot. Sov. pech. no. 6: 8-9 Je '61.
Answers to readers' questions. Sov. pech. no. 6 48-49 Je '61.
Components of the genre ("Problems of the literary forms of journalism" [in Slovak] by Milos Marko Reviewed by Ota Hiemann) Sov. pech no. 4:58-59 Ap '61
Creative aid to district newspapers. V. Sheremet. Sov. pech. no. 6:41 Je '61.
It has been firmly established! I Novozhilov, S. Meshavkin Sov. pech no 4.42-46 Ap '61.
Letters to the editor. Sov. pech. no. 6:60-61 Je '61.
Light new beacons! V. IU. Akhundov. Sov. pech. no. 4: 12-15 Ap '61
Newspaper octopuses. V. Matveev. Sov. pech. no. 5:59-60 My '61.
Our road is the right one. Sov. pech. no. 4:4-5 Ap '61.
Sovetskaia Chukotka's "order desk." Sov. pech. no. 6: 6-7 Je '61.
This attracts me. Mircea Radulescu. Sov. pech. no. 6: 59-60 Je '61.
Various remarks. Z. Bliskovskii. Sov. pech. no. 6:10-11 Je '61.
We teach and we learn. I. Fursin. Sov. pech. no. 4:46-47 Ap '61.
With a different yardstick. B. Efimov. Sov. pech. no. 4: 25-27 Ap '61

JOURNALISM—CONGRESSES
Conferences of journalists. Sov. pech. no. 4:15 Ap '61.

JOURNALISM—SOCIETIES, ETC.
In the Association of Journalists. Sov. foto 21 no. 5:44 My '61.

JOURNALISM—STUDY AND TEACHING
The Journalism Faculty. S Karavashkova. Vest. Mosk. un Ser. 7: Filol., zhur. 16 no. 2:91-92 Mr-Ap '60.

JOURNALISM, AGRICULTURAL
Rural newspaper correspondents launch at attack. Sov. pech. no. 4:28-30 Ap '61.

JOURNALISM, COMMERCIAL
Give an efficient aid to the mobilization of internal economic potentials. Den. i kred. 19 no. 5:75-80 My '61.

JOURNALISM, MILITARY
A review of newspapers. Komm. Vooruzh. Sil 1 no. 12:92-93 Je '61.

JOURNALISTS
(see also subdivision under Moscow)
In the organizations of the Union of Journalists of the U. S. S. R. Sov. pech. no. 5:43-44 My '61.
Winners of international prizes for journalism. Sov. pech. no. 5:55-56 My '61.

JOURNALISTS—SOCIETIES, ETC.
In the interests of the people. P Pronin. Sov. pech. no. 6:52-53 Je '61.

JUJUBE (PLANT) see subdivision under Bostandyk District

JUMPING
From the Leningrad manege to Madison Square Garden. Valerii Brumel' Ogonek 38 no 21 28-29 My '61.

JUNIPER
Lignans from junipers (Juniperus communis) of the Soviet Union A. P Serebriakova, L N Filitis, L M Utkin Zhur ob khim 31 no 5 1731-1734 My '61
Study of the essential oil from needles of the juniper (Juniperus turkestanica kom.) M I Goriaev, D. R Dzhalilov. Izv. AN Kazakh. SSR Ser., khim. no 2:107-113 '60.

JUSTICE, ADMINISTRATION OF
(see also subdivision under India, Priluki, Ukraine; United States, Uzbekistan)
Follow-up of notes and letters Sots zakon 37 no. 4 74 Ap '60
In the offices of public prosecutors and supreme courts of the Union Republics Sots zakon 38 no. 5:76-77 Je '61.
Letters to the editor. Sov. iust. no 4:79-81 Ap '60.
Not for imitation. Sov. iust no. 4:95 Ap '60.
"Socialist legality" by M I Kalinin Reviewed by B. Rudiak. Sots. zakon 37 no 4 95-98 Ap '60

JUTE
[Manual on the primary factory processing of hemp, ambari hemp, and jute] Spravochnik po zavodskoi pervichnoi obrabotke konopli, kenafa i dzhuta. Izd. 2., pererab. i dop. Pod red. A. A. Razuvaeva. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1960. 547 p.

JUTLAND, BATTLE OF, 1916
The Battle of Jutland. Voen.-ist. zhur. 3 no. 5:128 My '61.

KABARDINO-BALKAR A.S.S.R.—CORN (MAIZE)
Maters of "nartukhu." Roza Sabanchieva, Smena 36 no. 7:15 Ap '61

KABIR, 15th cent.
Kabir's verse in translation by Rabindranath Tagore. V I. Balin Uch zap. LGU no. 294:189-198 '61

KABUL—BRONZES
Rare bronzes of the Ghaznevid period from the collection of the Kabul Museum. A A. Dzhafarova. Krat. soob. Inst. vost. no. 37.129-134 '60.

KACHALOV, VASILII IVANOVICH, 1875-1948
A letter written by Kachalov to Bunin. Teatr 22 no. 5:134 My '61.

KADIYEVKA—PRECAST CONCRETE
A complaint has been received by the factory committee... D. Chaban. Sov. profsoiuzy 17 no. 11:40 Je '61.

KADIYEVKA—TRADE UNIONS
A complaint has been received by the factory committee... D. Chaban. Sov. profsoiuzy 17 no. 11.40 Je '61.

KADZHARAN REGION—COPPER
Copper and molybdenum distribution in soils, waters and plants of the Kadzharan ore region, Armenian S. S. R. D. P. Maliuga. Trudy Biogeokhim. lab. no. 11: 197-207 '60.

KADZHARAN REGION—MOLYBDENUM
Biogeochemical provinces rich in molybdenum in the Armenian S. S. R. G. A. IArovaia. Trudy Biogeokhim. lab. no. 11:208-214 '60.
Copper and molybdenum distribution in soils, waters, and plants of the Kadzharan ore region, Armenian S. S. R. D. P. Maliuga. Trudy Biogeokhim. lab. no. 11: 197-207 '60.

KAEVCHENKO, VALENTINA
Valentina Kaevchenko. N. Kemarskaia. Sov. muz. 25 no 5:29-31 My '61.

KAKHKHAR, ABDULLA
"Stories" by Abdulla Kakhkhar. Reviewed by I. Basalaev Zvezda no. 4:212 Ap '61.

KAKHOVKA—HYDRAULIC STRUCTURES
Contact stresses in the foundations of concrete hydraulic structures at the Kakhovka hydroelectric development. S. IA. Eidel'man. Izv. VNIIG 63:159-183 '60.

KAKHOVKA RESERVOIR—BEACH EROSION
Work of the Odessa State University on Kakhovka Reservoir in 1956-1957. L. B. Rozovskii. Trudy Okean. kom. 9 211-216 '61.

KAKHOVKA RESERVOIR—CARP
Reproduction of crucian carp in Kahovka Reservoir [with summary in English]. D. M. Vashchenko Zool. zhur. 40 no. 5:725-729 '61.

KAKHOVKA RESERVOIR—ICE ON RIVERS, LAKES, ETC.
Methods for long-range forecasting of the disappearance of ice on Kakhovka Reservoir. V. V. Plotnikovich. Trudy TSIP no. 100:65-70 '60

KAKHOVKA RESERVOIR—PERCH
Materials on the biology of young pike perch during its first two years of life in Kakhovka Reservoir. A. F. Liashenko. Vop. ikh. no. 17 56-67 '61.

KALA REGION (AZERBAIJAN)—OIL FIELD FLOODING
Analyzing flood performance in the horizon of the Sub-Kirmaki clay series in the Kala field [in Azerbaijani with summary in Russian] S. N. Magerramova. Azerb. neft. khoz. 40 no. 3 27-30 Mr '61

KALBA RANGE—GRANITE
Absolute age of the Monastyri type granites of Kalba, L. IA. Astrashenok and others. Geokhimiia no. 3:278-279 '60.

KALININ—HOCKEY
Way to big-time hockey. S. Avanesian. Sov. voin. 41 no. 4.31 F '60.

KALININ—KNIT GOODS INDUSTRY
Best of the labor pulse. F. Sergeev. Mest. prom. i khud. promys. 2 no. 5:10-11 My '61
Initiative of Kalinin girls. D. Venediktova. Komsom. zhizn' no. 17:13 S '60.

KALININ—NOTIONS (MERCHANDISE)
"Leave your address..." N. Tatarskaia. Sov. profsoiuzy 17 no. 10:44-45 My '61.

KALININ—THEATER
"Goodbye, Anna." V. Nepomniashchii. Teatr 22 no. 5:100-102 My '61.

KALININ PROVINCE—HEALTH RESORTS, WATERING PLACES, ETC.
On the blue lakes. A. Zaitsev. Okh. truda i sots. strakh. 4 no. 5:25-26 My '61.

KALININ PROVINCE—HEROES
The heroes of Kalinin Province. F. Borisov. Voen.-ist. zhur. 3 no. 6:117-110 Je '61
How I collected materials concerning the heroes of the Soviet Union who were born in Kalinin Province. I. Dolgov. Voen.-ist. zhur. 3 no. 6 119-120 Je '61

KALININ PROVINCE—PEAT INDUSTRY—FIRES AND FIRE PREVENTION
Peat field fires. A. Sharko. Pozh. delo 7 no. 5:21-23 My '61

KALININ PROVINCE—STOMATOLOGY
Kalinin Province conference of stomatologists. A. M. Maslenkina. Stomatologiia 40 no. 2:106 Mr-Ap '61.

KALININGRAD—PAPER INDUSTRY—EQUIPMENT AND SUPPLIES
Increase of the productive capacity of steam jet refrigerating machines. IU. N. Boldyrev. Bum. prom. 36 no. 5 23-24 My '61.

KALININGRAD PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
Let's always be in the lead in all things. A. Aleksin. Part. zhizn' no. 13:16-21 '61.

KALININGRAD PROVINCE—PARASITES
Ecoparasitological study of the biocoenosis of some lakes in Kaliningrad Province. Report No. 5 A general survey [with summary in English]. M. N. Golikova. Vest. LGU 16 no. 9:46-60 '61.

KALKANATA REGION—ROCKS, IGNEOUS
Kalkanata paleogranimbrites. O. M. Borisov. Izv. AN Uz. SSR no. 1:37-43 '56.

KALMYK A. S. S. R.—GAS, NATURAL—GEOLOGY
Geological prospects for finding new oil and gas fields in Stavropol Territory and the Kalmyk A. S. S. R. K. A. Belov. Geol. nefti i gaza 4 no. 1:1-8 Ap '60.

KALMYK A. S. S. R.—PETROLEUM GEOLOGY
Geological prospects for finding new oil and gas fields in Stavropol Territory and the Kalmyk A. S. S. R. K. A. Belov. Geol. nefti i gaza 4 no. 4:1-8 Ap '60.

KALMYK A. S. S. R.—RADIOBROADCASTING
Radiobroadcasting in the Kalmyk A. S. S. R. R. Sov. radio i tel. 8 no. 4:10 '59.

KALMYK A. S. S. R.—SOCIAL CONDITIONS
Between the Volga and the Manych. Konstantin Erymovskii. Zvezda no. 4.158-169 Ap '61.

KALNYN, TEODOR, 1890-
Master of Latvian choral art. S. Strumbre. Sov. muz. 25 no. 6:149-150 Je '61.

KALUGA—RADIO JOURNALISM
Our Youth Radio Newspaper. B. Monastyrev. Sov. radio i tel. 8 no. 4:10 '59.

KALUGA PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
To know people is the most important condition. G. Botko. Part. zhizn' no. 13 43-44 Jl '61.

KALUGA PROVINCE—PHYSICAL GEOGRAPHY
The Meshchovsk "opol'e." K. V. Pashkang. Vest. Mosk. un. Ser. 5 Geog. 16 no. 3 67-69 My-Je '61

KALUSHITE
Obtaining kalushite from half-finished potassium sulphate products. N. P. Aleksandrov, V. S. Tikhonova. Pyt. i opyt. prod. syl. L'vov. i Stan. ekon. adm. rai. no. 1 104-109 '60.

KAMA RESERVOIR—BREAM
Age and growth of bream in Kama Reservoir. A. I. Bukirev, G. F. Kostarev. Vop. ikht. no. 17:68-74 '61

KAMA RESERVOIR—ICE ON RIVERS, LAKES, ETC.
Method for long-range forecasting of the beginning of freezing on Kama Reservoir. N. D. Efremova. Trudy TSIP no. 100:80-91 '60.

KAMA RESERVOIR—KARST
Karst on the shores of the Kama Reservoir. I. A. Pecherkin. Izv. AN SSSR. Ser. geog. no. 3.63-68 My-Je '61.

KAMA RIVER—INLAND WATER TRANSPORTATION
New flow of freight on the Kama. V. Kozmin. Rech. transp. 20 no. 3 11-13 Mr '61.

KAMCHATKA—CLIMATE
On the monsoon climate of Kamchatka. M. E. Liakhov. Izv. AN SSSR. Ser. geog. no. 3 47-19 My-Je '61.

KAMCHATKA—EROSION
High erosion surfaces in Kamchatka and the Kurile Islands. G. M. Vlasov. Mat. VSEGEI Chet. geol. i geomorf. no. 2:176-192 '59

KAMCHATKA—MERCURY ORES
Geological conditions of finds and features of the genesis of mercury ores in the central Kamchatka Range. G. M. Vlasov, M. M. Vasilevskii, IU. V. Zhegalov. Biul. VSEGEI no. 1 104-111 '58.

KAMCHATKA—MONSOONS
On the monsoon climate of Kamchatka. M. E. Liakhov. Izv. AN SSSR. Ser. geog. no. 3 47-19 My-Je '61.

KAMCHATKA—MUSIC
With our friends in Kamchatka. M. Leonova. Sov. muz. 25 no. 5:155-157 My '61

KAMCHATKA—SEASHORE BIOLOGY
Littoral of southeastern Kamchatka. N. N. Spasskii. Issl. dal'nevost. mor. SSSR no. 7.261-311 '61.

KAMCHATKA—TROUT
Feeding of different biological forms of the char Salvelinus malma (Walb.) in some bodies of water of Kamchatka. K. A. Savvaitova, IU. S. Reshetnikov. Vop. ikht. 1 no. 1:127-135 '61

KAMCHATKA—VOLCANOES
At the edge of a fire circle. G. Kolosov. Ogonek 39 no. 21.8-9 My '61.

KAMENETS-PODOL'SK—TAILORING—STUDY AND TEACHING
We are training tailors. V. Korzinov. Sov. potreb. koop. 5 no. 5:37 My '61.

KAMENNYY ISLANDS (ANGARA RIVER)—CAVE DRAWINGS
Treasures of the Kamennyy Islands. E. Mushkina. Smena 38 no. 8:13-15 Ap '61.

KANDAHAR—SIEGE, 1737-1738
From the history of the siege of Kandahar by Nadir-Shah Afshar, 1737-1738. IU. V. Gankovskii. Krat. soob. Inst. vost. no. 37:27-33 '60.

KANEV REGION—CLAY
Engineering geological properties of Jurassic clays in the region of the Kanev glacial dislocations as related to the conditions of their formation. V. F. Kraev. Dokl. AN SSSR 136 no. 6:1186-1188 F '61.

KANEVSKAYA DISTRICT—POULTRY
Experience of Kanevskaya District poultry breeders [with summaries in English, German, and French]. A. S. Kolesnikov. Vest. sel'khoz. nauki 6 no. 5:61-66 My '61.

KANT, IMMANUEL, 1724-1804
Popov, S. I. [Kant and Kantianism; Marxist criticism of the Kantian theory of knowledge and logic] Kant i kantianstvo; marksistskaia kritika teorii poznaniia i logiki kantianstva. [Moskva] Izd-vo Mosk. univ., 1961. 296 p.

KANT—PUBLIC BUILDINGS
How to become a historical monument. Il'ia Omelichkin. Sov. deput. trud. no. 6:110-112 Je '61.

KAOLIN
(see also subdivision under Angren Valley)
Using kaolin from deposits in the Urals. T. S. Ignatova, A. V. Zhukov. Ogneupory 26 no. 4.195-197 '61.

KAOLINITE—SPECTRA
Infrared spectra of kaolinite and its dehydration product. D. K. Arkhipenko, E. A. Plekhanova. Izv. Sib. otd. AN SSSR no. 3 109-112 '61.

KAPAL DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION—MEMBERSHIP
They became Communists. Sh. Sarsenbekova. Part. zhizn' Kazakh. 31 no. 6 30-32 Je '61.

KARA-BOGAZ-GOL (GULF)—SEDIMENTS (GEOLOGY)
Bottom-beds of the Kara-Bogaz-Gol serve as an indicator of fluctuations in the level of the Caspian Sea [with summary in English]. V. G. Rikhter. Biul. MOIP. Otd. geol. 36 no. 1 115-126 Ja-F '61.

KARA KALPAK—NEWSPAPER AND PERIODICAL CIRCULATION
In Kara Kalpak ASSR the subscription campaign for the second half of the year has begun. F. Morozov. Raspr. pech. no. 4:3 Ap '61

KARA KUM—COTTON GROWING
Discovering local resources. Komsom. zhizn' no. 5:22 Mr '60.

KARA KUM—FRESH WATER
Fresh waters in a sand desert as exemplified by the western Kara Kum. N. G. Shevchenko. Vop. gidrogeol. i inzh. geol. no. 18:36-41 '59.

KARA KUM—FUNGI
Hymenomycetes in P. N. Golovin's article "Fungi of the Kara Kum." B. P. Vasil'kov. Uzb. biol. zhur. no. 2 66-68 '60

KARA KUM CANAL
Construction of the canal is finished. Sel'. stroi. 15 no. 2 31 F '61.

KARA-MAZAR—ORE DEPOSITS
Wall-rock changes in the Uch-Ochak polymetallic deposit [with summary in English] A. A. Popov. Geokhimiia no. 4 298-305 '61.

KARA-MAZAR MOUNTAIN—GEOLOGY, ECONOMIC
Basic structural characteristics of the Northern Kantau deposit in the Kansay ore province. V. N. Titov, V. M. Babenko. Geol. rud. mestorozh. no. 2, 109-118 Mr-Ap '61

KARA-TAU—BRACHIOPODA, FOSSIL
Using variational statistics for studying Cyrtospirifer from Famennian sediments in the Kara-Tau [with summary in English]. A. I. Sidiachenko. Geol. i geofiz. no. 12:30-47 '60.

KARA-TAU—GEOLOGY, STRUCTURAL
Inherited Alpine structural features in the Boroldoy Range. Ting Kuo-yu. Trudy MGRI 38 29-41 '60.

KARA-TAU—PHOSPHORITES
Types of phosphorite deposits in the Lesser Kara-Tau. Mêng Hsiang-hua. Trudy MGRI 38 80-97 '60

KARACHAEVSK DISTRICT (KARACHAI AUTONOMOUS PROVINCE)—PUBLIC HEALTH
Good glory and merited authority. Kh. A. Mamaev. Fel'd. i akush. 26 no. 5:61 My '61.

KARADAG (CRIMEA)
Karadag. V. I. Lebedyns'kyi. Nauka i zhyttia 11 no. 4: 60-61 Ap '61.

KARADAG REGION—CONDENSATE OIL WELLS
Means for increasing condensate recovery from gas condensate layers. F. G. Gasanov, A. A. Tairov. Azerb. neft. khoz. 40 no. 3 20-22 Mr '61
Studying methods of the production of condensate pools to be used in the Karadag field. A. B. T'Saturiants, A. M. Khiteev, A. A. Muradov. Trudy AzNII DN no. 9 223-228 '60

KARADAG REGION—OIL FIELDS—PRODUCTION METHODS
Brief analysis of the status of the development of the horizons 7 in the Karadag field. M. T. Abasov and others. Trudy AzNII DN no. 9 212-222 '60.

KARAEV, ABDULLA, 1910-
Abdulla Ismail-ogly Karaev, on his 50th birthday and 30th anniversary of his industrious life and scientific and pedagogical activities. R. K. Aliev, A. A. Loginov. Uch. zap. AGU Biol. ser. no. 1 3-8 '60

KARAFFA-KORBUTT, KAZIMIR, 1878-1935
Karaffa-Korbutt, an outstanding hygienist of Russia and Poland. IU. I. Rafes. Gig. i san. 26 no. 3 50-53 Mr '60.

KARAGANDA—METALLURGICAL PLANTS
Gulianovskii, P. T. ["Kazakhstanskaia Magnitka"] Kazakhstanskaia magnitka. Moskva, Izd-vo "Znanie," 1961. 26 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, Ekonomika, no. 10)

KARAGANDA BASIN—COAL MINES AND MINING

The brigades of communist labor and party organizations Khairetden Abdrakhmanov Part. zhizn' Kazakh 31 no. 5 21-28 My '61

World performance record set for the "Donbass" cutter-loader. D. P. Markman Ugol' 36 no 3 43-45 Mr '61

KARAGANDA BASIN—COAL MINES AND MINING—LABOR PRODUCTIVITY

Competing for the honorable title of Enterprise of Communist Labor. N. S. Gul'nitskii. Ugol' 36 no. 4 1-4 Ap '61.

Make the achievements of individual collectives available to the entire basin. G. Stepanenko, V. Ponamarev. Nar. khoz., Kazakh. 19 no 5 39-44 My '61

Monthly output of 48415 tons of coal per cutter-loader. Ugol' Ukr. 5 no. 5-34 My '61

KARAGANDA PROVINCE—DAIRYING

Develop the vegetable and milk supply. A. Golovin. Nar. Pkhoz. Kazakh. 19 no 5 67-71 My '61.

KARAGANDA PROVINCE—INDUSTRIAL MANAGEMENT—STUDY AND TEACHING

Schools of industrial management. A. Plotnikov. Part. zhizn' Kazakh 31 no 5 44-47 My '61

KARAGANDA PROVINCE—VEGETABLE GARDENING

Develop the vegetable and milk supply. A. Golovin. Nar. Pkho' Kazakh. 19 no 5 67-71 My '61

KARAKUL SHEEP—FEEDING AND FEEDS

Problems in the study of biogeochemical provinces of western Uzbekistan. M. A. Riah. Trudy Biogeokhim. lab. no. 11, 151-163 '60.

KARAKUL SHEEP BREEDING

Breeding work in karakul sheep raising. V. M. IUdin, O. I. Bilgis. Agrobiologiia no. 3-410-425 My-Je '61.

KARASHYGAN, LAKE—SALTS

Physicochemical characteristics of the sulfate lake Karashygan-1. B. A. Berezhnov. Izv. AN Kazakh. SSR. Ser. khim. no. 2 39-49 '60.

KARBYSHEV, DMITRII MIKHAILOVICH, 1880-1915

Soldier, general, and scientist; on the 80th anniversary of the birth of D. M. Karbyshev. D. Borisov. Voen vest. 10 no 10 53-56 O '60

KARELIA—FISHERIES—RESEARCH

Interdepartmental conference on the problem "Theoretical foundations of efficient utilization, reproduction, and increase of fish stocks and other resources of the White Sea and inland waters of Karelia." M. N. Rusanova. Zool zhur. 40 no. 5 791-795 '61

KARELIA—PEGMATITES

Geochemistry of rubidium and lithium in mica-ceous pegmatites of northern Karelia [with summary in English]. I. D. Riabchikov, B. A. Solov'eva. Geokhimiia no. 4:316-323 '61

KARGOPOL'—MUNICIPAL SERVICES

Follow-up of our materials Fin. SSSR 22 no 5-72 My '61.

KARKAR VALLEY—SOIL MOISTURE

Maximum field moisture and porosity of soils along the lower reaches of the Karkar River [in Azerbaijan with summary in Russian]. B. M. Aliev. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 1:91-98 '60.

KARLOVY VARY, CZECHOSLOVAKIA—MINERAL WATERS

KARTVELIAN LANGUAGE—PHONETICS

Reconstructing the phoneme system of the parent Kartvelian language. G. A. Klimov. Izv. AN SSSR Otd lit i iaz 19 no. 1 22-31 Ja-F '60

KARZHAVIN, FEDOR VASIL'EVICH, 1745-1812

F. V. Karzhavin's philologic studies, from the history of 18th century Russian philology. M. P. Alekseev. Uch. zap. LGU no 299, 8-36 '61

KASHKA-DARYA PROVINCE—ECONOMIC GEOGRAPHY

Tashkent, Universitet. [Kashka-Darya Province] Kashkadarinskaia oblast'. Tashkent, Izd-vo SAGU.
Vol. 2. [Economic-geography] Ekonomiko-geograficheskaia kharakteristika. 1959. 242 p. (Trudy Sredneaziatskogo gosudarstvennogo universiteta, no. 156)

KASHKA-DARYA PROVINCE—PHYSICAL GEOGRAPHY

Tashkent, Universitet. [Kashka Darya Province] Kashkadarinskaia oblast'. Tashkent, Izd-vo SAGU.
Vol. 1. [Nature] Priroda. 1959. 278 p. (Trudy Sredneaziatskogo gosudarstvennogo universiteta, no. 155)

KASHIAN, VASILII IL'ICH, 1896-

Vasilii Kashian and the Czech engraving employing a social motif. Blanka Stuglikova. Iskusstvo 24 no 1 37-40 '61

KASIMOV DISTRICT—PHYSICAL GEOGRAPHY

The Kasimov "opol'e." A. A. Vidina, N. A. Sobolev, IU. N. Pesgol'chuk. Vest. Mosk. un. Ser. 5 Geog. 16 no 3 71-74 My-Je '61

KASPROWICZ, JAN, 1860-1926

Unknown review by I. Franko of J. Kasprowicz's "To the dying world." M. O. Moroz. Rad. lit. 5 no. 3:111-115 My-Je '61.

KASSIAN, Bishop of Uglich, 1890-

Address of His Holiness Patriarch Alekseĭ upon bestowing the prelatic crosier on Kassian, Bishop of Uglich, Vicar of the Yaroslavl Diocese at the Trinity-Sergiev Monastery, March 26, 1961. Zhur. Mosk. Pat. no 5 32-33 My '61

Nomination and ordination of Archimandrite Kassian (Yaroslavskii). Zhur. Mosk. Pat. no 5 33-37 My '61

KASTROV, VLADIMIR GRIGOR'EVICH, 1902-1960

Vladimir Grigor'evich Kastrov, obituary. Meteor i gidrol. no 6:62 Je '61

KATUN VALLEY—BIRDS OF PREY

Ecology of some predatory birds of the Biya-Katun interfluve [with summary in English]. A. P. Kuchin. Zool zhur. 40 no 5 730-735 '61

KATUNIN, PAVEL IVANOVICH, 1869-1961

Pavel Ivanovich Katunin; obituary. Zdrav. Turk. 5 no. 2, 15 Mr-Ap '61

KAUL, FRIEDRICH KARL

The choice of Attorney Berger ("The blue portfolio"; a novel by F. K. Kaul. Reviewed by A. Giller). Inostr. lit. no. 5-257 My '61.

KAZAKHSTAN—ACCOUNTING

Improve accounting and control in the national economy. A. Chasovnikova. Nar. khoz. Kazakh. 19 no. 5 3-8 My '61.

KAZAKHSTAN—AGRICULTURAL LABORERS

Sunny fortunes. Ogonek 39 no 22-21 My '61.

KAZAKHSTAN—AGRICULTURAL MACHINERY—TECHNOLOGICAL INNOVATIONS

The expert should meet the inventor. N. Lokt'ev. Izobr. i rats. no. 5-35 My '61.

KAZAKHSTAN—AGRICULTURAL RESEARCH

Contribution of scientists of Kazakhstan institutions of ...r learning to agriculture. M. A. Baiturin. Vest. shkoly 19 no. 5:44-46 My '61.

KAZAKHSTAN—AGRICULTURE

...cult years. A. Mukhtarov, P. Tibekin. Part. ...Kazakh. 30 no. 4 46-48 Ap '60.

...istan Communists struggle for new economic achievements. N. Rodionov. Part. zhizn' no. 12:8-14 Je '61.

...rom Kazakhstan fields. Komsom. zhizn' no. 17: ... S '60.

...uation in agriculture in Kazakhstan on the eve of ...ptember 1953 Plenum of the Central Committee of ...PSU. A. Filippovskii. Vest. AN Kazakh SSR ...4:14-22 Ap '61.

KAZAKHSTAN—ALGAE

...f the rice fields of certain areas of Kazakhstan. ...Obukhova. Trudy Inst. bot. AN Kazakh. SSR 10:86-...11.

KAZAKHSTAN—BANKS AND BANKING

...state capital investments properly. A. Poperech-... Nar. khoz. Kazakh. 19 no. 5, 21-24 My '61

KAZAKHSTAN—BERYLLIUM

Geochemistry of beryllium [with summary in English]. I. G. Ganeev. Geokhimiia no. 5 446-452 '61.

KAZAKHSTAN—BOTANICAL RESEARCH

Herbariums and the extent of the study of flora in Kazakhstan. V. P. Goloskokov. Trudy Inst. bot. AN Kazakh. SSR 10 3-22 '61

KAZAKHSTAN—BOTANY

Results of a study of the relation between vegetation and underground waters in the Dzhezkazgan-Ulutau area of central Kazakhstan. V. N. Ostrovskii. Vest. AN Kazakh SSR 17 no 1:61-67 Ap '61.

KAZAKHSTAN—BUDGET

The budget and its role in the economic and cultural development of the Kazakh S. S. R. U. Atambaev. Fin. SSSR 22 no 5 13-19 My '61

KAZAKHSTAN—CEMENT INDUSTRIES

Prospects for developing the dry process of cement production in Central Asia and Kazakhstan. I. A. Semchinov, G. M. Shkarov. Nauch. soob. NIITSementa no. 9:43-45 '60

KAZAKHSTAN—COMMUNIST PARTY OF THE SOVIET UNION

First steps. M. Alibaev. Part. zhizn' Kazakh. 31 no. 6 21-23 Je '61.

A militant section of the CPSU. S. Beisembaev. Part. zhizn' Kazakh. 31 no. 6:14-20 Je '61.

KAZAKHSTAN—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Follow-up of materials published in "Partiinaia zhizn' Kazakhstana." Part. zhizn' Kazakh. 31 no. 6 71 Je '61.

Our urgent tasks. Part. zhizn' Kazakh. 30 no. 4-25-30 Ap '60.

Party news. Part. zhizn' Kazakh. 31 no. 5 79-80 My '61

Party news. Part. zhizn' Kazakh. 31 no. 6 69-70 Je '61.

KAZAKHSTAN—COMMUNIST YOUTH LEAGUE

Warm hearts and skillful hands. K. Isinaliev. Part. zhizn' Kazakh. 31 no. 6-50-53 Je '61.

KAZAKHSTAN—COMMUNISTS

Ordinary Communists. V. Sevriukov. Part. zhizn' Kazakh. 31 no. 6:24-29 Je '61.

KAZAKHSTAN—CONSTRUCTION INDUSTRY

Fifteen thousand builders for the virgin land. Komsomol zhizn' no 10-5-6 My '61

KAZAKHSTAN—CONSTRUCTION INDUSTRY—ACCOUNTING

New standards for overhead in construction in Uzbekistan and Kazakhstan. Biul. stroi tekh. 18 no 5 25 My '61

KAZAKHSTAN—CONSTRUCTION INDUSTRY—FINANCE

Spend state capital investments properly. A. Poperechnyi. Nar. khoz. Kazakh. 19 no. 5, 21-24 My '61

KAZAKHSTAN—COOPERATIVE SOCIETIES

Monograph on the consumers' cooperative societies of Kazakhstan ("Consumers' cooperative societies of Kazakhstan in the last 40 years" by M. M. Rozmanov. Reviewed by G. Ilinskii). Sov. potreb. koop. 5 no 5, 63-64 My '61

Monograph on the development of cooperative trade in Kazakhstan ("Forty years of consumers' cooperatives in Kazakhstan" by M. Rozmanov. Reviewed by E. Khasenov). Nar. khoz. Kazakh. 19 no. 5 89-91 My '61.

KAZAKHSTAN—CRANIOLOGY

Ginzburg, V. V. [Craniological materials from Northern Kazakhstan and the problem of the origin of the early Turkic nomads] Kraniologicheskie materialy iz Severnogo Kazakhstana i vopros o proiskhozdenii rannikh tiurkskikh kochevnikov. [n. p.,] 1960. 17 p. [Parallel texts in Russian and French.]

KAZAKHSTAN—CULTURE

Triumph of Lenin's national policy. N. Dzhandil'din. Part. zhizn' Kazakh. 30 no. 4:31-39 Ap '60.

KAZAKHSTAN—DISTRIBUTIVE EDUCATION

Trade schools should have methodological guidance. M. Nurmukhammedov. Sov. torg. 34 no 5 43 My '61

KAZAKHSTAN—ECONOMIC CONDITIONS

Economic and cultural flourishing of Soviet Kazakhstan. T. Tulebaev. Plan khoz. 38 no. 6:16-22 Je '61

Forty years of victorious struggle. Part. zhizn' Kazakh. 31 no. 6:3-8 Je '61.

Let's prepare for the 22d Congress of the CPSU. Part. zhizn' Kazakh. 31 no. 5 3-8 My '61.

A militant section of the CPSU. S. Beisembaev. Part. zhizn' Kazakh. 31 no. 6:14-20 Je '61.

KAZAKHSTAN—ECONOMIC CONDITIONS (Continued)

Superficial description instead of critical evaluation (Economic development of the Kazakh S S R in the period of socialism and the large-scale building of communism" by S.A Neishtadt Reviewed by P Alampiev) Part.zhizn' Kazakh 31 no 5 70-71 My '61.

Triumph of Lenin's national policy. N.Dzhandil'din. Part.zhizn' Kazakh. 30 no 1 31-39 Ap '60.

KAZAKHSTAN—ECONOMIC POLICY

Our urgent tasks. Part.zhizn' Kazakh. 30 no. 1:25-30 Ap '60.

KAZAKHSTAN—ECONOMICS—STUDY AND TEACHING

Mass forms of economic education M Belenov Vop ekon no 5 116-119 My '61.

KAZAKHSTAN—ETHNOLOGY—STUDY AND TEACHING

Status and tasks of ethnological study in Kazakhstan. I.Zakharova, R.Khodzhaeva. Sov etn. no.2 180-183 Mr-Ap '60

KAZAKHSTAN—FELDSPAR

Feldspathization phenomena in ore deposits of the Ku granite massif (central Kazakhstan) M M. Povilaitis. Geol. rud mestorozh. no 2:66-78 Mr-Ap '61

KAZAKHSTAN—FIRE DEPARTMENTS—EQUIPMENT AND SUPPLIES

Combined hose shaft and crowbar. Sh Shaimerdinov Pozh delo 7 no.3:20 Mr '61

KAZAKHSTAN—FLOUR

Biochemical indicators of the baking qualities of new varieties of wheat in Kazakhstan T B Dairkanbaev, G A Kaptiushina Biokhim zerna no. 5 17-61 '60

KAZAKHSTAN—GEOGRAPHICAL RESEARCH

Works on a geographical study of Kazakhstan. I. V Katkov. Vest AN Kazakh SSR 17 no 4:97-98 Ap '61

KAZAKHSTAN—GOLD MINES AND MINING—HYGIENIC ASPECTS

Silicosis at a gold mine in Kazakhstan. I. V. Tulikov, V. Z. Khamitova, M. L. Pigulevskaia. Trudy Inst. kraev. pat. AN Kazakh. SSR 8:56-61 '60.

KAZAKHSTAN—HISTORICAL RESEARCH

The Department of Universal History prepares for the celebration of the 40th anniversary of the Kazakh S. S. R. A. A. Chupekov. Uch. zap. Kazakh. un. 47 3-6 '60.

KAZAKHSTAN—HISTORY

At the sources of the development of socialism in Kazakhstan. S. Beisembiev. Part.zhizn' Kazakh. 30 no.4 40-45 Ap '60.

KAZAKHSTAN—HORSEMANSHIP

Who will catch up with Raikhan? Galina Kulikovskaia. Smena 38 no 7:24-25 Ap '61

KAZAKHSTAN—INDUSTRIES

From the pages of the press. Part.zhizn' Kazakh. 30 no. 4:78-80 Ap '60.

Improve the qualitative indices in industry I. Kim. Nar. khoz Kazakh. 19 no. 5:16-20 My '61

Kazakhstan Communists struggle for new economic achievements. N Rodionov. Part. zhizn' no. 12:8-14 Je '61

KAZAKHSTAN—LAMB (MEAT)—COSTS

Stimulate the production of cheap lamb. V. Abdullin. Nar. khoz. Kazakh. 19 no. 5:51-55 My '61.

KAZAKHSTAN—LEPTOSPIROSIS

Pathomorphology of experimental leptospiral fever induced by Leptospira of the Kazakhstan type. A I Zikeeva, T. A. Krepkogorskaia, A. IA Khatskeles Vest. AN Kazakh. SSR 17 no. 4 26-37 Ap '61

KAZAKHSTAN—MEAT, SMOKED

3,4-Benzopyrene content of home-smoked products in Kazakhstan S N. Nugmanov, N. D Gorelova, P. P Dikun Vop onk. 7 no. 2:41-43 '61

KAZAKHSTAN—METALS

Content of heavy metals in the sediments of some lakes of central Kazakhstan. A. V. TSyganov, A. I. Mun. Izv. AN Kazakh. SSR, Ser. khim. no. 2:29-31 '60.

KAZAKHSTAN—METALS, RARE AND MINOR

"Formation of rare metal deposits in central Kazakhstan" by G N. Shcherba Reviewed by V. I Smirnov. Geol. rud. mestorozh. no. 2:136-138 Mr-Ap '61.

KAZAKHSTAN—MINES AND MINERAL RESOURCES

Take into consideration the specific conditions of each deposit. V. Polzik, I. IAsonov. Nar. khoz. Kazakh. 19 no. 5:65-66 My '61.

KAZAKHSTAN—PALEONTOLOGY

Fossil organism remains in ancient "barren" strata in Kazakhstan. L. I. Borovikov. Biul. VSEGEI no. 1: 71-81 '58.

KAZAKHSTAN—PHOTOGRAPHY

Strong impression. M. Belov. Sov. foto 21 no. 5:22 My '61

KAZAKHSTAN—PINE

State of pine forests of the central part of Kazakh peneplain and the means for their protection. L. V. Denisova. Okhr. prir. i zapov. delo v SSSR no. 6 23-29 '60.

KAZAKHSTAN—POTASSIUM

Potassium in the lakes of central Kazakhstan. A. I. Mun, R. G. Gimaddinova Izv. AN Kazakh SSR. Ser. khim. no 2 32-38 '60.

KAZAKHSTAN—PUBLIC HEALTH

"Public health and medicine in pre-revolutionary Kazakhstan" by V. O Grebenshchikov Reviewed by V A Nevskii Sov. zdrav. 20 no 1 81 '61

KAZAKHSTAN—PUBLISHERS AND PUBLISHING

Kazakh people read the works of Il'ich in their native language. Kh. Rakhimov. Part. zhizn' Kazakh. 30 no. 4 63-65 Ap '60.

KAZAKHSTAN—QUARTZ

The process of recrystallization in crystal-bearing quartz veins. N. I. Miaz' Dokl AN SSSR 136 no 1 667-670 My '61.

KAZAKHSTAN—RAILROADS

Bekkulov, Abikal, and K. M. Mizambekov. [Main steel lines of Kazakhstan] Stal'nye magistrali Kazakhstana. Alma-Ata, Kazakhskoe gos. izd-vo, 1960. 133 p. (40 let Kazakhskoi SSR)

KAZAKHSTAN—REPORTERS AND REPORTING

In the forefront of ideological work. N. Dzhaldil'din. Part. zhizn' Kazakh. 31 no. 5:11-18 My '61.

KAZAKHSTAN—RESTAURANTS, LUNCHROOMS, ETC.

Public dining must serve the masses. V. Maksimov. Nar. khoz Kazakh. 19 no. 5 74-77 My '61.

KAZAKHSTAN—REVOLUTION, 1917-1921

A letter from A Dzhangil'din to P A Kobozev. M V. Obshchestv nauki v Uz no 1 66-69 '61

KAZAKHSTAN—ROCKS—DENSITY

Changes in the density of Pre-Cambrian and Paleozoic rocks of central Kazakhstan. F. S. Moiseenko. Geol. i geofiz. no. 12:128-130 '60.

KAZAKHSTAN—RODENTIA

Effect produced by the plowing up of virgin land on the mode of life and distribution of murine rodents throughout the territory of northern Kazakhstan [with summary in English]. E V Karaseva. Zool. zhur 40 no. 5 768-773 '61.

KAZAKHSTAN—SALTS

Perspectives for the development of some halurgical industries in Western Siberia and northern Kazakhstan IA M. Kheifets. Zhur. prikl. khim. 34 no. 3 473-492 Mr '61.

KAZAKHSTAN—SHALE

Carbonaceous and argillaceous shales of eastern Kazakhstan as a high-grade source for the production of lightweight building materials. V V. Vershinina. Vest AN Kazakh. SSR 17 no 4.8-13 Ap '61

KAZAKHSTAN—SHEEP—DISEASES

Boron biogeochemical province in northwestern Kazakhstan. A. V. Anaichev. Trudy Biogeokhim. lab. no. 11:226-231 '60.

KAZAKHSTAN—SOCIALIST COMPETITION

Let's work and live in the communist way, in Lenin's way. V. Larin. Part. zhizn' Kazakh. 30 no. 4:57-62 Ap '60.

KAZAKHSTAN—SOILS—BORON CONTENT

Boron biogeochemical province in northwestern Kazakhstan. I. K. Shakhova. Trudy Biogeokhim. lab. no. 11:232-237 '60.

KAZAKHSTAN—SONGS

"Dubinushka" in Kazakhstan. B. Erzakovich. Sov. muz. 25 no. 5:94-97 My '61.

KAZAKHSTAN—STATE FARMS

For those in the field. I. Fedorenko and others. Sov. profsoiuzy 17 no. 11,40 Je '61.

KAZAKHSTAN—TECHNOLOGICAL INNOVATIONS

The unyielding. V. Antonov, A. Tretenko, G. Sorokina. Izobr. i rats. no. 5:24-25 My '61.

KAZAKHSTAN—THAWING

Possibility of long-range forecasts of the melting of the snow cover in northern Kazakhstan and the foothills of the Altai. K. N. Poliakova. Trudy TSIP no. 99-124-131 '61.

KAZAKHSTAN—WATER SUPPLY, RURAL

Water supply and irrigated oases in the pastures of Kazakhstan. M. Sh. Zozulia. Gidr. i mel. 13 no. 5: 32-37 My '61.

KAZAKHSTAN—WHEAT—HARVESTING

Germination of grain in moves of stage-harvested wheat and its relation to basic agrometeorological factors. G. I Borisoglebskii Trudy TSIP no 107 30-34 '61

KAZAKHSTAN—WOMEN AS MINERS

A great life. V. Grigor'ev. Part. zhizn' Kazakh. 31 no. 6 43-49 Je '61.

KAZAKHSTAN—WORLD WAR, 1939-1945

Arsenal of the Patriotic War. Manash Kozybaev. Part. zhizn' Kazakh. 31 no. 6 37-42 Je '61.

KAZAN—COMMUNIST EDUCATION

Let's talk about permanent study groups. N. Zinnatullin Part. zhizn' no. 12 41-44 Je '61.

KAZAN—ECONOMIC GEOGRAPHY—STUDY AND TEACHING

Excursion to a fur combine. I. V. Gorokhov. Geog. v shkole 24 no. 3 61-63 My-Je '61.

KAZAN—FUR

Excursion to a fur combine. I. V. Gorokhov. Geog. v shkole 24 no. 3:61-63 My-Je '61.

KAZAN—MICROCLIMATOLOGY—STUDY AND TEACHING

Microclimatological observations in a regional study club I. N. Aleksandrov Geog v shkole 24 no. 3:37-40 My-Je '61

KAZAN—RAILROADS—EARTHWORK

Stabilizing the banks of a dirt roadbed by planting grass P. I Minin, V I Gritsyk, M G Khramov Transp stroi 11 no 4 34-36 Ap '61

KAZANSKII, BORIS ALEKSANDROVICH, 1891-

Academician Boris Aleksandrovich Kazanskii, on the seventieth anniversary of his birth G IA Kondrat'eva, E A Mikhailova Zhur ob khim 31 no 5 1107-1416 My '61

KAZANTSEV, APOLLINARII INNOKENT'EVICH, 1888-

Apollinarii Innokent'evich Kazantsev. T. N Staflevskaia Arkh anat. gist i embr. 38 no. 3 116-117 Mr '60.

KECHEK'IAN, STEPAN FEDOROVICH, 1890-

Professor S. F. Kechek'ian's 70th birthday. Vest. Mosk un. Ser 10 Pravo 15 no 2:79-81 Ap-Je '60.

KEDROV-ZIKHMAN, OSKAR KARLOVICH, 1885-

On the 75th birthday of O. K. Kedrov-Zikhman. M. V. Katalymov. Pochvovedenie no. 5 116-117 My '61.

KEDROVKA REGION (KEMEROVO PROVINCE)—MINE HAULAGE

Choosing a practical transportation system for the Kedrovka deposit. E. Krivoshov, M. G. Potapov. Nauch. rab. stud. GNSO MGI no. 7 93-107 '59.

KEFIR

Some milk defects in the manufacture of kefir. G. M. Patkul', L. A. Kachtova. Izv. vys. ucheb. zav. pishch. tekh. no. 2:75-78 '61

KELDYSH, MSTISLAV VSEVOLODOVICH, 1911-

Mstislav Vsevolodovich Keldysh, president of the Academy of Sciences of the U. S. S. R. Priroda 50 no. 6: 1-2 Je '61.

KEMEROVO—SCHOOL CHILDREN—FOOD

About school children. A. Sanin. Obshchestv. pit. no. 5: 16-17 My '61.

Two-week menu, compulsory in all school restaurants in Kemerovo. Obshchestv. pit. no. 5:17 My '61.

KEMEROVO PROVINCE—FIREMEN

Leader of an outstanding section I. Dutov. Pozh. delo 7 no 3:15-16 Mr '61.

KEMEROVO PROVINCE—MEDICINE—STUDY AND TEACHING

Feldshers improve their qualifications. Z. A. Grinberg. Fel'd. i akush. 26 no. 5:49-51 My '61.

KENTEI DISTRICT—FIELD MICE

A new site of the occurrence of Myospalax psilurus in eastern Mongolia [with summary in English]. A. N. Pavlov. Zool. zhur. 40 no. 5:784-785 '61

KENYA—POLITICS AND GOVERNMENT

Kenya. M. Kozlov. Nov. vrem. 19 no. 25:30-31 Je '61.

KERCH—COINS, ANCIENT

"Ancient coins from Olbia and Panticapaeum" [in German] by K. Dittrich. Reviewed by P. O Karasbkovskii Vest. drev. ist. no. 1:175-177 '61.

KERCH PENINSULA—IRON ORES

Investigating the process of preparing fluxed sinter of varying basicity from brown Kerch ore. Z. I. Nekrasov, A. G. Ul'ianov. Trudy Inst. chern met AN URSR 12: 114-128 '60.

KERCH PENINSULA — IRON ORES (Continued)

Magnetic properties of sinters from concentrates prepared by the roasting and magnetic separation of brown kerch ore V. V. Chekin Trudy Inst. chern met AN URSR 12:129-134 '60.

Material composition and problems of dressing kerch deposit iron ores A. U. Litvinenko, G. G. Nevoisa Trudy Inst chern met. AN URSR 12 68-78 '60

Properties of concentrates from the roasting and magnetic separation of brown Kerch ore N. A. Gladkov Trudy Inst chern met AN URSR 12 106-113 '60

KERCH PENINSULA—IRON ORES—ANALYSIS

Role of magnesia in the caking of fluxed sinter made of brown Kerch ore concentrates prepared by roasting and magnetic separation A. G. Ul'ianov, N. I. Efanova Trudy Inst chern. met AN URSR 12 135-143 '60

KERCH REGION—ANTIQUITIES

Mirmekiy relates. . . . B. Sluchanko Znan ta pratsia no 3 22-23 Mr '61

KEROSENE

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instruction 24-57 for checking kerosene pumps] Instruktsiia 24-57 po poverke dozatorov kerosina. Izd. ofitsial'noe. Moskva, 1957. 7 p.

KETONES

Promoting a skeletal nickel catalyst. Report No. 2: Hydrogenation of methyl ethyl ketone N. I. Shcheglov, D. V. Sokol'skii, A. A. Ishchenko. Izv. AN Kazakh. SSR. Ser. khim. no. 2 89-92 '60.

Synthesis of fluorinated ketones by use of organolithium compounds and N, N-dialkylamides of fluorinated acids N. A. Znitseva, E. M. Panov, K. A. Kocheshkov. Izv AN SSSR, Otd. khim. nauk no. 5, 831-835 My '61

KHABAROVSK—FIRES AND FIRE PREVENTION—INSPECTION

Praskovila Efimovna Komarova, public fire inspector. M. Ugorov Pozh. delo 7 no 3 11 Mr '61

KHABAROVSK—SCHOOL GARDENS

In the vegetable garden and in the flower garden. E. I. Podoshvina, Doskh. vosp. 34 no. 5 49-52 My '61.

KHABAROVSK TERRITORY—GEOLOGY, STRATIGRAPHIC

Quaternary system of Khabarovsk Territory and Amur Province. IU F Chemekov Mat. VSEGEI. Chet geol i geomorf. no. 2:88-95 '59

KHABAROVSK TERRITORY—PUBLIC PROSECUTORS

"Guest performances" or an inspection? A Pan'shin, A. Lakhman Sots. zakon 37 no 4 43-44 Ap '60

KHACHMAS DISTRICT—PSEUDOMONAS LACHRYMANS

Materials on the study of cucumber bacteriosis in Khachmas District [in Azerbaijani with summary in Russian] M. A. Israfilbekov Uch zap AGU Biol ser no. 4 33-38 '60

KHAKASS TALES see Tales, Khakass

KHALKHA VALLEY—GEOLOGY, STRATIGRAPHIC

Recent data on lower Devonian deposits of eastern Mongolia. V. A. Bobrov. Dokl. AN SSSR 138 no. 2. 419-421 My '61.

KHALKUZIEV, MURODULLA NURMATOVICH, 1899-

Murodulla Nurmatovich Khalkuziev; on his 60th birthday. E. Kh. Rakhmatullin Arkh. anat gist i embr 38 no. 1

KHARKOV—DIESEL ENGINES

Work valor of the collective. M. Sakhnovskii. Sov. profsoiuzy 17 no. 10 12 My '61.

KHARKOV—GROCERY TRADE

The customer says "thank you." N. Klepikov. Sov. torg. 33 no. 4:34-35 Ap '60.

KHARKOV—MACHINERY INDUSTRY—TECHNOLOGICAL INNOVATIONS

Propagandists of new ideas. M. M. Sorokin. Nauka i zhyttia 11 no. 4 28 Ap '61.

KHARKOV—MISCONDUCT IN OFFICE

"A lenient decision of a district party committee." Part. zhizn' no. 11 78 Je '61.

KHARKOV—MONUMENTS

Revelation of the people's love Zinovii Bilenko Mystetstvo 6 no 2-13-16 Mr-Ap '61

KHARKOV—RUSSIAN SOCIAL DEMOCRATIC PARTY

Struggle of the Kharkov Bolsheviks for the victory of Lenin's tactics during elections to the Fourth Duma in 1912 V. F. Sokurenko Ukr. ist zhur 4 no. 2 109-119 Mr-Ap '60

KHARKOV PROVINCE—ARBORETUMS

Arboretum in the Bol'she-Danilovsk Forest Working Circle M. A. Fedorov Biul Glav. bot sada no 30 17-25 '60

KHARKOV PROVINCE—GRIEVANCE PROCEDURES

What was revealed by the inspection. N. Zarubina. Okhr. truda i sots. strakh. 4 no. 5 38 My '61.

KHERSON—BRICK HOUSES

Building an apartment house of vibrated brick panels on settling soil E. Aleksandrov, A. Chutko, F. Solov'ev. Zhil. stroi no 4 27-29 Ap '61

KHERSON—TECHNICAL SOCIETIES

In close connection with enterprises. I. Krivosheia. NTO 3 no. 5 49-50 My '61.

KHERSON PROVINCE—COLLECTIVE FARMS—ACCOUNTING

Leaders of agricultural accounting. V. I. Efimenko, D. V. Lebed' Uchet i fin. v kolkhoz i sovkhoz 18 no 5 5-9 My '61

KHERSON PROVINCE—SOCIAL GROUP WORK

For those who work in the fields. V. Nevinchana. Sots. kul't. 14 no. 5 15-16 My '61.

KHIBINY MOUNTAINS—BITUMEN

Scattered bitumens in alkaline rocks of the Khibiny pluton. I. A. Peterskiĭ, E. B. Proskuriakova. Izv. AN SSSR. Ser. geol. 26 no. 4 74-84 Ap '61

KHIBINY MOUNTAINS—LOVCHORRITE

Age of alkaline intrusions on the Khibiny and Lovozero Tundras (Kola Peninsula) L. V. Komlev, A. D. Mikhalevskaia, S. I. Danilevich Dokl. AN SSSR 136 no 1: 172-174 Ja '61

KHIMKI DISTRICT—AGRICULTURAL MACHINERY INDUSTRY

Leaders. S. Demidov. Komsom. zhizn' no. 3:11-13 F '60.

KHIVA—AUXILIARY POLICE

From the experience of voluntary policemen. G. Ubaidullaev Sov. iust. no 11, 14-15 Je '61

[illegible] Y PROVINCE—AGRICULTURAL EXPERIMENTS

[illegible] farms are the accounting and finance ctive and state farms. M. F. Kurn. v kolkhoz. i sovkhoz. 18 no. 6:

'CE—COLLECTIVE FARMS—

harvest accounting and safety. i fin. v kolkhoz. i sovkhoz. 18

E—EDUCATION, PRESCHOOL

institutions are on the way to shyn. Doshk. vykh. 22 no. 5.

E—HARVESTING

harvest accounting and safety. i fin. v kolkhoz. i sovkhoz. 18

E—SECTS

ovs'kyi. Volov. ateist no. 6:25-

E—SOCIAL GROUP WORK

Communism. M. Ovchynnikov. My '61.

KHMER LANGUAGE—PHONETICS

Studies on the phonetics of the Khmer language. D. I. Elovkov, N. D. Andreev Uch. zap LGU no 294:100-107 '61.

KHORINSK REGION—GRORUDITE

Grorudite from the Khorinsk region (western Transbaikalia) IU. B. Musin. Izv. Sib. otd AN SSSR Geol. i geofiz. no 1 98-100 '58

KHORUZHAIA, VERA ZAKHAROVNA, 1903-1942

A soldier of our party ("Glorious daughter of the White Russian people" Reviewed by B. Vasil'ev) Mol. kommunist no. 5 127-128 My '61

A soldier of the party ("Glorious daughter of the White Russian people" Reviewed by I. Alekseievich) Nar. asv no 2 74-77 F '61

KHOTIN DISTRICT—ANTIQUITIES

A treasure-trove on the Dniester. B. Tymoshchuk. Ukraina no. 10:32 My '61.

KHRENNIKOV, TIKHON NIKOLAEVICH, 1913-

How the opera "Mother" originated. Sov. muz. 25 no. 6 120-122 Je '61.

KHUSNI, FATYKH

Discovery of peace ("Footpath", a novel by Fatykh Khusni. Reviewed by Vil' Ganiev) Oktiabr' 38 no 5 222-223 My '61

KHUTOR-MIKHAYLOVSKIY—SUGAR INDUSTRY—EQUIPMENT AND SUPPLIES

Improving the operation of presses for refined sugar. V. R. Volynko Sakh. prom 34 no. 5 28 My '60.

KIBAL'CHICH, NIKOLAI IVANOVICH, 1853-1901

"Nikolai Kibal'chich, revolutionary and scientist" by A. Chernyak. Reviewed by L. I. Bakst. Ist SSSR 5 no 3 182 My-Je '61

KIBIAKOV, ALEKSEI VASIL'EVICH, 1899-

Career of A. V. Kibiakov, on his 60th birthday. Fiziol. zhur 46 no 2:257 F '60

KIBKALO, EVGENII

Evgenii Kibkalo. I. Kuznetsova. Sov. muz 25 no. 5:24-28 My '61.

KIDNEYS

Determination of the renal filtration rate with mannitol. G. A. Gaidina. Pat. fiziol. i eksp. terap 4 no. 4, 85-87 Jl-Ag '60.

Diuretic changes in anaphylaxis V. S. Kiselev. Pat. fiziol i eksp. terap. 4 no. 2 66 Mr-Ap '60

Effect of chlorethylamines on the excretory function of the kidney. IU. I. Rampan. Farm. i toks. 24 no. 1:99-104 Ja-F '61.

Effect of neurotropic substances on the urine secretion of the kidney. E. B. Berkhin. Farm. i toks. 24 no. 1:118-124 Ja-F '61.

Excretory function of metanephridia in Lumbricidae V. F. Vasil'eva Fiziol. zhur. 47 no. 3:393-397 Mr '61.

Kidney recovery under increased functional load. G. G. Samsonidze. Soob. AN Gruz. SSR 24 no. 1:95-98 Ja '60.

Neurohypophysis and osmoregulation in baby rats during the period of weaning. J. Krecek, H. Dlouha, J. Kreckova. Zhur. ob. biol. 22 no. 2:89-94 Mr-Ap '61.

Properties of the enzymatic system of the rat kidney catalyzing amino acid synthesis from pyruvic acid and ammonium salts [with summary in English] I. N. Piatnitskaia. Biokhimiia 25 no 6 1081-1084 N-D '60.

Renal blood circulation and the filtration-reabsorption capacity of the kidneys in patients with chronic coronary insufficiency [with summary in English]. M. I. Zolotova-Kostomarova, M. P. Altunian. Terap arkh 31 no. 4 38-45 Ap '59.

Role of the glomeruli and tubules in the mechanism of proteinuria [with summary in English]. M. I. Undritsev Fiziol. zhur. 46 no. 2 224-230 F '60.

Secretory activity of the renal tubules in dogs under serum sensitization. I. A. Nikolaevich. Pat. fiziol i eksp. terap 4 no 2 16-18 Mr-Ap '60.

Study of kidney function in rabbits. A. G. Glukharev. Lab. delo 7 no. 5:17-19 My '61.

Studying the biocurrents of the kidney. G. I. Nazarishvili. Soob. AN Gruz. SSR 24 no. 1:107-114 Ja '60.

Succinic dehydrogenase in sodium-reabsorbing segments of vertebrate nephrons. IU. V. Natochin, T. V. Krestinskaia. Fiziol. zhur 47 no 3:388-392 Mr '61.

KIDNEYS—BLOOD SUPPLY

Renal circulation in cardiac insufficiency. A. K. Merzon. Klin. med. 39 no. 5:6-12 My '61.

Simplified determination of renal blood flow. N. I. Ivanov, I. I. Davidkhanova Pat. fiziol. i eksp. terap. 4 no. 2. 71-74 Mr-Ap '60.

KIDNEYS—DISEASES

Pathogenesis of pathological processes in the kidneys in pulmonary tuberculosis N. A. Talikov. Sbor. trud. Uz. nauch.-issl. tub. inst. 3 186-190 '57.

KIDNEYS – DISEASES (Continued)

Peculiarities of leucocytes of urinary sediment in some kidney diseases. G. G. Arabidze. Lab. delo 7 no. 5 39-41 My '61.

Rare case of a combination of bilateral polycystic kidney with atresia of the ureters, paranephric cyst, and ascites in a newborn child. S. V. Kisin, I. P. Dzyg'. Ped., akush. i gin. 22 no. 4:2 of cover '60.

Twelfth All-Union Congress of Therapeutists R. A. Abdullaev Med. zhur. Uzb. no. 1 77-79 Ja '61

KIDNEYS—RADIOGRAPHY

Method for intravenous urography in rabbits [with summary in English]. A. G. Glukharev, K. F. Tovstolea. Biul. eksp. biol. i med. 51 no. 1 116-119 Ja '61

KIDNEYS—WOUNDS AND INJURIES

Morphological changes in the regenerating rat kidney at late periods after injury [with summary in English] G. G. Samsonidze. Biul. eksp. biol. i med. 49 no. 2:113-116 F '60.

KIEL CANAL—PILOTS AND PILOTAGE

Maksimadzhi, M. I. [Pilotage in the Kiel, Suez, and Panama Canals] Lotsmanskaia sluzhba na Kil'skom Suetskom i Panamskom kanalakh. Moskva, Izd-vo "Morskoi transport," 1961. 42 p.

KIESELGUHR see subdivision under Ukraine

KIEV—AERONAUTICS, COMMERCIAL

When a decision has been taken. V. Vorob'ev. Grazhd. av. 18 no. 5 9 My '61.

KIEV—AIR, IONIZED

Air ionization in Kiev and its environment E. S. Lakhno, O. N. Nichkevich, A. N. Sverchkov Gig. i san. 25 no. 3 99-100 Mr '60.

KIEV—ARCHITECTURE

Lohvyn, H. N. [Architecture of St. Andrew's Church in Kiev, an architectural monument of the 18th century] Arkhitektura Andriivs'koi tserkvy v Kyievi, pam'iatnyk arkhitektury XVIII st. Kyiv, Derzh. vyd-vo lit-ry z budivnytstva i arkhitektury URSR, 1959. 12 p. illus. plates. (Derzhavnyi komitet Rady Ministriv URSR v spravakh budivnytstva. Pam'iatnykh arkhitektury Ukrains'koi RSR)

(MH)

KIEV—AUXILIARY POLICE

The Communist Youth Leaguers help to maintain law and order. F. Rudych. Rad. pravo no. 3 40-42 My-Je '61.

KIEV—BOOKSELLERS AND BOOKSELLING

Fifty years behind the counter of a bookstore. S. Marchuk. Ukraina no. 10:7 My '61.

The propagandists of books. Ш. Tverdokhlebova. Sots. kul't. 14 no. 5 39-40 My '61.

KIEV—CANNING AND PRESERVING

We are improving the variety in the vegetable trade. A. Zaichenko Sov. torg. 34 no. 5 34 My '61

KIEV—CITY PLANNING

Competitive design of an experimental residential district in Kiev [with summary in English, p. 78]. S. M. Vainshtein. Visnyk ABIA URSR no. 1:9-18 '61.

Problems of planning and building in Kiev in the light of current tasks of Soviet urban construction [with summary in English, p. 78]. A. B. Dobrovol'skii. Visnyk ABIA URSR no. 1 3-8 '61.

KIEV—COURTS

First experience in the organization and work of a district people's court. A. Vrons'kyi. Rad. pravo no. 3:111-113 My-Je '61.

KIEV—DREDGING MACHINERY

They will come from Kiev. S. Strashun. Znan. ta pratsia no. 4:9 Ap '61.

KIEV—EXHIBITIONS

At the exhibition of Japanese toys and books. R. Smirnova. Doshk. vykh. 22 no. 6,47 Je '61.

The people of Kiev see the sights of Paris Ukraina no. 7:30 Ap '60.

KIEV—FASHION

Kiev fashions. T. Rovna. Ukraina no. 10:16b-16c, 25 My '61.

KIEV—FIRES AND FIRE PREVENTION

Commissions at work. P. Tochilkin. Pozh. delo 7 no. 5 28 My '61.

KIEV—HISTORICAL MUSEUMS

Immortality of a leader. A. L. Gorobei. Nauka i zhyttia 11 no. 4:5-7 Ap '61.

Role of the Kiev Branch of the V. I. Lenin Central Museum in the propagation of Lenin's ideas. A. I. Horobei. Ukr. ist. zhur. 4 no. 2,69-72 Mr-Ap '60.

KIEV—HISTORY

History of the capital city of the Soviet Ukraine ("The history of Kiev." Vols. 1-2 Reviewed by IU. O. Kuznosov, V. I. Chuntulov) Ukr. ist. zhur. 5 no. 3:116-119 My-Je '61

KIEV—HOUSING

What will the experimental housing project be like T. Dovzhenko Znan. ta pratsia no. 2 2-3 F '61

KIEV—METALLURGICAL RESEARCH

Masterful metallurgists. S. Markus. Ukraina no. 10:10-11 My '61.

KIEV—MOTION-PICTURE INDUSTRY

Wonders of motion pictures. V. TSyrlin, A. Serebrenykov. Znan. ta pratsia no. 4. 21-22 Ap '61.

KIEV—MOTORTRUCKS—DESIGN AND CONSTRUCTION

Truck with a small displacement engine. Avt. transp. 39 no. 5:58 My '61.

KIEV—PHYSIOLOGICAL SOCIETIES

In the Kiev branch of the Ukrainian Physiological Society. T. I. Svystun. Fiziol. zhur. [Ukr.] 7 no. 3 437-438 My-Je '61.

KIEV—PORCELAIN

Over-all mechanization and automation in the porcelain factories of the Kiev Economic Council. Stek. i ker. 18 no. 5 40-42 My '61.

KIEV—SKATING RINKS

When it is 05 degrees outside. V. Shul'ha. Ukraina no. 11 30-31 Je '61.

KIEV—STATISTICS

Kiev. Statystychne upravlinnia. [Economy of the city of Kiev, statistical collection] Narodne hospodarstvo mista Kyieva; statystychnyi zbirnyk. Kyiv, Derzh. stat. vyd-vo, 1960. 150 p.

KIEV—STUDENT TEACHING

Students in a kindergarten. L. Mashek. Doshk. vykh. 22 no. 5:45-46 My '61

KIEV—STUDENTS, POLISH

Polish scientific students and staff members of Kiev University, on the history of medical relations during the last part of 19th century and the first part of 20th century IU. I. Rafes Sov. zdrav. 20 no. 4 46-51 '61

KIEV—SUBWAYS

Brothers. B. Simkin, G. Simkina. Sov. Ukr. 11 no. 5:166-170 My '61.

Third subway line [with summary in English, p. 78]. O. M. Kas'ianov. Visnyk ABIA URSR no. 1:7-9 '61.

KIEV—TEXTILE WORKERS

Togetherness in a brigade. Z. F. Belozerova. Tekst. prom. 20 no. 3 8-10 Mr '60.

KIEV—THEATER

At plays presented for diplomas in Kiev. N. Antonova. Sov. Ukr. 11 no. 5:175-179 My '61.

KIEV—WORLD WAR, 1939-1945

The heroic defense of Kiev in 1941 and its role in thwarting the fascist plan of the blitzkrieg. A. T. Chekaniuk, I. P. Kozhukalo Ukr. ist. zhur. 5 no. 3:60-71 My-Je '61.

KIEV ARBORETUM

Arboretum of the Botanical Garden of the Ukrainian Academy of Sciences. L. I. Rubtsov. Biul. Glav. bot. sada no. 38:3-8 '60.

KIEV PROVINCE—OTOLARYNGOLOGICAL SOCIETIES

Report No. 1 of a meeting of the Kiev Province Otolaryngological Society on March 6, 1959. Zhur. ush., nos. i gorl. bol. 20 no. 1:93-96 Ja-F '60.

KIEV PROVINCE—RESTAURANTS, LUNCHROOMS, ETC.

City to help villages. A. Zasukha. Obshchestv. pit. no. 5: 10 My '61.

KIEV-SVYATOSHINO DISTRICT—COMMUNITY CENTERS

A club of the enthusiasts of technology. D. Sokolov. Sots. kul't. 14 no. 5,10-11 My '61.

KIEV-SVYATOSHINO DISTRICT—WAR MEMORIALS

A museum in memory of the liberation of Kiev. M. M. Vazhenin. Ukr. ist. zhur. 5 no. 3:157-158 My-Je '61.

KIEV UNIVERSITY

Teaching the history of the Great Patriotic War in Kiev University. A. K. Martynenko, F. P. Ostapenko, P. V. Shymko-Shmaha. Ukr. ist. zhur. 5 no. 3:91-98 My-Je '61.

KIKVIDZE, VASILII ISIDOROVICH, 1895-1919

Glorious name of Kikvidze.... I. Dergachev. Sov. voin. 41 no. 6:25 Mr '60.

KILEMNICKY, PETER, 1901-1949

Peter Jilemnický and his novel "Chronicle." I. Cherniavskaia. Pisat. str. nar. dem. no. 4.236-267 '60.

KILNS

Major repair of the facing walls of gas-chamber kilns. Ш. P. Sidorenko. Ogneupory 26 no. 4:194-195 '61

Operating a tunnel kiln. Kh. E. Matsakian. Ogneupory 26 no. 4:163-166 '61.

Testing a periodic kiln for firing glass furnace brick by natural gas. I. P. Kvitchenko, M. IA. Shaferman. Ogneupory 26 no. 4:166-170 '61.

KILNS, ROTARY

(see also subdivision under Ararat, Armenia)

Attaching slurry concentrators to rotary kilns. V. K. Khokhlov Nauch. soob. NIITSementa no. 8:1-7 '60

Choosing the shape of a rotary kiln with regard to the problem of dust disposal. S. I. Khvostenkov. Nauch. soob. NIITSementa no. 7 25-30 '60.

Improving the gas nozzle V. V. Trusov. TSement 27 no. 2 25 Mr-Ap '61.

Lining of cast stone V. M. Svitidov. TSement 27 no. 2 25-26 Mr-Ap '61

New way of cutting in pumps. A. P. Borodina. TSement 27 no. 2 26 Mr-Ap '61

Redesigning the rotary kiln. N. A. Locsov. TSement 27 no. 2 23-24 Mr-Ap '61.

Some features of using rotary kiln dust caught by electric filters. K. G. Kolenova. Nauch. soob. NIITSementa no. 7: 5-10 '60.

KIMBERLITE

(see also subdivision under Yakutia)

Position of kimberlite in the genetic classification of rocks. G. M. Gapeeva. Biul. VSEGEI no. 1:137-140 '59.

KIMBERLITE—CLASSIFICATION see subdivision under Yakutia

KIMOVSK DISTRICT—CONSTRUCTION INDUSTRY

Advanced organization of construction. M. Shulenin. Sel'. stroi 15 no. 3:11-12 Mr '61

KINDERGARTEN

(see also subdivision under Germany, East; Gomel'; Gomel' Province, Ukraine, White Russia)

Discussing the educational program for the kindergarten. A. M. Leushina. Doshk. vosp. 34 no. 5:35-40 My '61.

Dolls' "housewarming." E. I. Khainskaia. Doshk. vosp. 34 no. 5:52-53 My '61.

Homemade toys in children's play. E. I. Kubyshkina. Doshk. vosp. 34 no. 5:85-88 My '61.

In the Ministry of Education of the Ukrainian S. S. R. Doshk. vykh. 22 no. 5:43 My '61

Let's raise collective farm kindergartens to the level of the urban ones. A. A. Solov'eva. Doshk. vosp. 34 no. 5:73-74 My '61.

Methods of teaching exposition to children of the older preschool age group. O. Leshchenko. Doshk. vykh. 22 no. 5 13-20 My '61.

On friendship. M. F. Koptelova. Doshk. vosp. 34 no. 5: 25-28 My '61.

Should we teach drawing to children? K. L. Asmolova. Doshk. vosp. 34 no. 5.104-110 My '61.

KINDERGARTEN—MUSIC

She devoted all her creative forces to the training of children. Doshk. vykh. 22 no. 5:10 My '61.

KINDERGARTENS

(see also subdivision under China; Kirov Province; Ukraine)

Whole life dedicated to children. O. Zakharova. Doshk. vykh. 22 no. 5:8-9 My '61.

Work lighted by love. I. Khoderkivs'kyi. Doshk. vykh. 22 no. 5:7-8 My '61.

KINEMATICS

How to solve problems. V. Zubov. IUn. tekh. 5 no. 5: 68-70 My '61.

KINESHMA—HOSPITALS—OUTPATIENT SERVICES

Effectiveness of dispensary service among workers as revealed by materials of the polyclinic of the First Kineshma City Hospital. L. I. Gribkova, L. I. Zakharova. Zdrav. Ros. Feder. 5 no. 5:17-19 My '61.

KINSHIP

Olderogge, D. A. [Main features in the development of the kinship system] Osnovnye cherty razvitiia sistem rodstva. [n. p.] 1960. 23 p. [Parallel texts in Russian and French.]

KIREEV, VLADIMIR ALEKSEEVICH, 1915-1961

V. A. Kireev; obituary. Avt. dor. 24 no. 4:27 Ap '61.

KIRGHIZ LITERATURE—BIBLIOGRAPHY see Bibliography—Kirghiz literature

KIRGHIZISTAN—EDUCATION, PRESCHOOL

In Kirghizia. K. S. Tiurina, M. M. Torno, A. A. Roslikova. Doshk. vosp. 34 no. 5:21-24 My '61.

KIRGHIZISTAN—GEOGRAPHY

[Geography of the Kirghiz S.S.R.; textbook for the secondary school] Geografiia Kirgizskoi SSR, uchebnoe posobie dlia srednei shkoly. Frunze, Kirgizskoe gos. uchebno-pedagog. izd-vo, 1959. 257 p. [MICROFILM]

KIRGHIZISTAN—HIGHWAY TRANSPORT WORKERS

Highway transport workers of Kirghizistan. B. Balashov. Avt. transp. 39 no. 5:7 My '61

KIRGHIZISTAN—SHRUBS

Akademiia nauk Kirgizskoi SSR. Institut botaniki. [Trees and shrubs of the populated areas of Kirghizistan, a popular guide] Derev'ia i kustarniki naselennykh punktov Kirgizii; populiarnyi opredelitel'. Sost. E. V. Nikitina i dr. Frunze, 1960. 249 p.

KIRGHIZISTAN—SUGAR BEETS

System of reception and payment for beets according to their saccharinity should be extended to all the sugar factories of Kirghizistan. I. Kazakov, L. Sheikhet. Sakh. prom. 35 no. 5 24-27 My '61

KIRGHIZISTAN—TRANSPORTATION, AUTOMOTIVE

Potentials of automotive transportation in Kirghizistan. G. Shevchenko. Avt. transp. 39 no. 4 29-30 Ap '61.

KIRGHIZISTAN—TREES

Akademiia nauk Kirgizskoi SSR. Institut botaniki. [Trees and shrubs of the populated areas of Kirghizistan, a popular guide] Derev'ia i kustarniki naselennykh punktov Kirgizii; populiarnyi opredelitel'. Sost. E. V. Nikitina i dr. Frunze, 1960. 249 p.

KIROV, SERGEI MIRONOVICH, 1886-1934

S. M. Kirov. Kal. znam. i prim. dat 6 no. 3 41-41 Mr '61.

S. M. Kirov. Nar. uzy. no. 2:89 F '61

S. M. Kirov as Soviet Russia's plenipotentiary envoy to the Menshvik Government of Georgia. D. S. Zavriev. Ist. SSSR 5 no. 2:113-119 Mr-Ap '61

KIROV—CONSTRUCTION INDUSTRY

Decisions and deeds. V. Tolstov. Part. zhizn' no. 13:46-50 Jl '61

KIROV—NURSES AND NURSING

Nurses' councils. A. M. Evdokimova. Med. sestra 20 no. 4 59-62 Ap '61.

KIROV PROVINCE—KINDERGARTENS

In the kindergartens of Kirov Province. L. P. Oplesnina. Doshk. vosp. 34 no. 5 8-10 My '61.

KIROVABAD REGION (AZERBAIJAN)—PETROLEUM GEOLOGY

Outlook for and problems of petroleum prospecting in the Kirovabad petroliferous province in Azerbaijan. M. G. Agabekov, A. V. Mamedov. Azerb. neft. khoz. 40 no. 3 1-5 Mr '61.

KIROVGRAD REGION—TUNNELING

High-speed drifting at the Lovkaia Mine. A. N. Ogloblin. Gor. zhur. no. 3, 72-73 Mr '60

KIROVOGRAD PROVINCE—AGRICULTURE

Russian engineer Gitalov. Ivan Vinnichenko. Novyi mir 36 no. 5 105-129 My '60.

KIROVOGRAD PROVINCE—FARM MECHANIZATION

With big strides. V. Vanin, B. Rakhmanin. Komsom. zhizn' no. 3:3-7 F '60

KIROVOGRAD REGION—BORING

Best drilling system using diamond-impregnated bits under conditions characterizing the Kirovograd expedition. V. E. Kopylov. Izv. vys. ucheb. zav., geol. i razv. 3 no. 12 98-103 D '60

OGILEV PROVINCE)—DAIRYING

ife. M. S. Sidarenka. Rab. i sial. 36

ZSIGMOND, 1884-

igmond Kisfaludi-Strób] Zhigmont Moskva, Izd-vo Akad. khudozh. plates.

makov. Obshchestv. pit. no. 5:34-

MINES AND MINING—LABOR

forts to fulfill the seven-year plan. Rozov. Ugol' 36 no. 5, 8-10 My

Kum

l properties of Friedlander's bacilli as adaptation to antibiotics [with]. L. F. Zykin. Antibiotiki 6 no. 3;

KLEBSIELLA PNEUMONIAE

Effect of the local administration of corticosteroids on the course of focal purulent infection and the therapeutic effect of antibiotics [with summary in English] V. N. Solov'ev, F. M. Sokolova. Pat. fiziol. i eksp. terap. 5 no. 2 39-45 Mr-Ap '61

Pathogenic variability of Kl. pneumoniae under the influence of antibiotics [with summary in English] L. I. Zykin. Antibiotiki 6 no. 4 355-359 Ap '61

KLIMOVICHI DISTRICT—STATE FARMS

Wrong methods. A. Novikov. Part. zhizn' no. 11:51 Je '61.

KLYAZ'MA VALLEY—WATER, UNDERGROUND

Some results of the study of moisture balance and dynamics in a zone of aeration obtained by the Moscow Hydrogeological Station. A. V. Lebedev. Vop. gidrogeol. i inzh. geol. no. 18, 42-50 '59.

KLYSTRONS

Frequency drift of a reflex klystron at a change in the heating potential. P. A. Bakulev. Izv. vys. ucheb. zav., radiotekh. i no. 2, 226-228 Mr-Ap '61

Kinematic theory on the formation of very short electron concentrations using klystron-type shaping devices. D. A. Rakovlev. Izv. vys. ucheb. zav., radiotekh. i no. 2, 198-203 Mr-Ap '61.

KLYUCHEVOY DISTRICT—AGRICULTURAL ADMINISTRATION

Selection and education of managing personnel in agriculture. A. Khalimullin. Part. zhizn' Kazakh. 31 no. 5 32-36 My '61.

KNEE—DISEASES

Cystic degeneration of the menisci of the knee joint [with English summary in insert]. S. M. Kogan. Ortop. travm. i protez. 22 no. 1, 29-31 Ja '61

KNEE—DISLOCATION

Bilateral dislocation of the leg. K. A. Vashchenko, V. A. Tikhomirov. Ortop. travm. i protez. 22 no. 1 73-74 Ja '61.

Case of hereditary congenital bilateral dislocation of the knee joints combined with other deformities. I. T. Asmaev. Ortop. travm. i protez. 22 no. 1 77-78 Ja '61.

KNEE—INNERVATION

Afferent innervation of the capsule of the knee joint [with English summary in insert] S. L. Dudel'-Osipova, G. L. Dmets, A. V. Butichenko. Ortop. travm. i protez. 22 no. 1, 31-37 Ja '61.

KNEE—RADIOGRAPHY

Importance of variation in anatomical structure of the knee joint in meniscography, abstract. S. I. Stamatin. Ortop. travm. i protez. 22 no. 1 81 Ja '61.

Technic of roentgenological study in injuries of the menisci and transverse ligaments. I. K. Gorel'chik. Ortop. travm. i protez. 22 no. 1 69-71 Ja '61.

Tomography of the knee joint in tuberculous gonitis; abstract. R. P. Zil'berman, M. A. Girilovich, E. I. Liudvig. Ortop. travm. i protez. 22 no. 1 82 Ja '61

KNEE—SURGERY

"New method for resection of the knee joint" by K. M. Sivash. Reviewed by A. V. Bedrin. Ortop. travm. i protez. 22 no. 1 85-86 Ja '61.

Reconstruction of the knee joint in the absence of one of femoral condyles. Z. A. Liandres. Ortop. travm. i protez. 22 no. 1 76-77 Ja '61.

KNEE—TUBERCULOSIS

Tomography of the knee joint in tuberculous gonitis; abstract. R. P. Zil'berman, M. A. Girilovich, E. I. Liudvig. Ortop. travm. i protez. 22 no. 1 82 Ja '61.

KNEE—WOUNDS AND INJURIES

Diagnosis of internal injuries of the knee joint [with English summary in insert]. D. S. Tarbaev. Ortop. travm. i protez. 22 no. 1:14-18 Ja '61.

Injuries of the menisci of the knee joint [with English summary in insert]. G. I. Riunshin. Ortop. travm. i protez. 22 no. 1, 23-29 Ja '61.

Injury of the cruciate ligaments of the knee joint [with English summary in insert]. R. Trib. Ortop. travm. i protez. 22 no. 1:18-23 Ja '61.

Internal injuries of the knee joint [with English summary in insert]. I. L. Krupko. Ortop. travm. i protez. 22 no. 1:3-14 Ja '61.

Oxygen therapy in arthrosis deformans and sequelae of internal injuries of the knee joint abstract. P. Z. Zavesa. Ortop. travm. i protez. 22 no. 1:81-82 Ja '61.

Treatment of acute serious inflammation of the knee joints of traumatic origin. A. V. Zhivetskii. Ortop. travm. i protez. 22 no. 1, 72 Ja '61.

KNEE JERK see Reflexes

KNIT GOODS

Making patterns for the manufacture of pullovers (from J. Wirkerei- und Strickerei-Technik," no. 3, 1959). Tekst. prom. 20 no. 3, 86-88 Mr '60.

KNIT GOODS—TESTING

New abrasion tester for textile fabrics and knit goods. A. I. Pavlov, N. N. Pozhidaev, D. F. Simonenko. Izv. vys. ucheb. zav., tekh. leg. prom. no. 1 90-97 '60

KNIT GOODS INDUSTRY

(see also subdivision under Kalinin)

Stylish and pretty. L. Vasserman, V. Bykhovskaia. Mest. prom. i khud. promys. 2 no. 5 32-33 My '61

KNITTING MACHINES

Differential planet mechanism of warp thread feed on the SK-57 "Tekstima" high speed warp knitting machine. L. I. Vashchinskii, B. A. Moiseenko. Izv. vys. ucheb. zav., tekh. leg. prom. no. 2 117-122 '61

Unit control on circular knitting machines. S. Kh. Simin, L. I. Solov'ev. Tekst. prom. 20 no. 3 53-56 Mr '60

Modernization of ChA-98-2a automatic knitting machines. N. A. Zagorskii. Tekst. prom. 20 no. 3 56-58 Mr '60.

KNOTWEED

Knotweed Polygonum Weyrichii, a new forage and silage plant. F. V. Ivanov, G. V. Pashina. Sbor. nauch. rab. Bel. otd. VIO no. 1 32-36 '59.

Tannins of Polygonum coriarium Grig. and Rumex tianschanicus. A. Los, E. I. Milogradova. Dokl. AN SSSR 138 no. 1 955-957 Je '61

KNOWLEDGE, THEORY OF

Correlation of subjective and objective elements in the cognitive process [with summary in English, p 186]. R. F. Bukhalov. Vop. filos. 15 no. 5 124-132 '61

How V. I. Lenin analyzed the philosophical concept of "experience" and criticized subjectivism in cognition. I. G. Petrov. Vest. Mosk. un. Ser. 8 Ekon., filos. 15 no. 1 51-66 '60

Vartanian, G. M. [How V. I. Lenin developed the Marxist theory of reflection] Razvitie V. I. Leninym marksistskoi teorii otrazheniia. Erevan, Gos. izd-vo Armenii, 1960. 235 p.

KOBULETI—COINS, ANCIENT

Sinope and Colchis coins found in Kobuleti. K. V. Golenko. Vest. drev. ist. no. 1:42-59 '61

KOBYLIANS'KA, OL'HA, 1863-1942—BIBLIOGRAPHY

see Bibliography—Kobylians'ka, Ol'ha, 1863-1942

KOBYSTAN—MUD VOLCANOES

Some characteristics of the Astrakhanka mud volcanoes [in Azerbaijani with summary in Russian]. M. M. Zeinalov, N. T. Akhverdiev. Azerb. neft. khoz. 40 no. 3 11-13 Mr '61

KOBYSTAN—OIL SANDS

Characteristics of reservoir rocks in the upper Maikop of Kobystan. N. I. Gazdiev. Trudy AzNII DN no. 9 76-82 '60

KOBZEV, IGOR'

On the petty bourgeois, romanticism and simple verse ("May there always be romance", verse by Igor' Kobzev. Reviewed by L. Levitskii). Novyi mir 36 no. 4 249-252 My '60.

KODOR VALLEY—GEOLOGY, STRUCTURAL

Kodor River terraces (western Caucasus) as an example of terrace formation in mountainous countries. L. I. Maruashvili. Soob. AN Gruz. SSR 24 no. 1, 37-44 Ja '60

KOKAND—MALARIA—PREVENTION

Results of the malaria control campaign in the city of Kokand from 1910 to 1949. N. A. Zakhar'iants, A. S. Maksudov. Med. zhur. Uzb. no. 3 56-61 Mr '61

KOKCHETAV PROVINCE—CONSTRUCTION INDUSTRY

Achievements of the Borovskii interfarm construction organization. P. Vlazovskii. Sel'. stroi. 15 no. 2:15 F '61.

KOLA PENINSULA—GLACIAL EPOCH

Recent data on the last glaciation of the Kola Peninsula. A. D. Arkmand. Dokl. AN SSSR 138 no. 4:890-892 Je '61

KOLA PENINSULA—MINING ENGINEERING

Akademiia nauk SSSR, Kol'skii filial, Kirovsk. [Techniques of the development of Kola ore deposits] Voprosy tekhnologii razrabotki rudnykh mestorozhdenii Kol'skogo poluostrova; sbornik statei pod red. L. I. Barona. Moskva, 1961. 154 p.

KOLA PENINSULA—ROCKS, INGEOUS

Thorium distribution in a series of ultrabasic alkaline rocks of the Kola Peninsula [with summary in English]. A. I. Poliakov, M. P. Volynets. Geokhimiia no. 5:426-432 '61.

KOLA PENINSULA—SELENIUM

Selenium and tellurium in copper-nickel deposits of the Kola Peninsula. O. E. Ushko-Zakharova, Z. N. Burova. Trudy Inst. min., geokhim. i kristallokhim. red. elem. no. 3:61-68 '59.

KOLA PENINSULA—SULFIDES—MICROBIOLOGY

Role of bacteria in the oxidation of sulfide ores in the copper-nickel beds of the Kola Peninsula [with summary in English] N. N. Imalikova. Mikrobiologiia 30 no. 1 135-139 Ja-F '61

KOLA PENINSULA—TELLURIUM

Selenium and tellurium in copper-nickel deposits of the Kola Peninsula. O. E. Iushko-Zakharova, Z. N. Barova. Trudy Inst. min., geokhim., i kristallokhim. red. elem. no. 3 61-68 '59

KOLKHOZES see Collective farms

KOLODUB, LEV NIKOLAEVICH

Lev Kolodub. Iu. Malyshev. Sov. muz. 25 no. 5:36-39 My '61

KOLOMNA—DIESEL LOCOMOTIVES

Inspiring people. N. Beltaev. NTO 2 no. 5:45-48 My '60

Mass participation is the most important factor. I. S. Gurevich. Mashinostroitel' no. 5 44 My '60.

KOMANDORSKIYE ISLANDS—COAST CHANGES

Study of the shore dynamics and morphology of Komandorskiye Islands. A. S. Ionin. Trudy Okean. kom. 8: 206-210 '61

KOMI A.S.S.R.—AGRICULTURE

The restoration of agriculture in the Komi Autonomous Province from 1921 to 1925. V. N. Davydov. Ist.-filol. sbor. no. 5 3-29 '60.

KOMI A.S.S.R.—COLLECTIVE FARMS

Struggle of the Komi party organization for the collectivization of agriculture. M. I. Belekhtina. Uch. zap. Komi gos. ped. inst. no. 9:56-82 '60.

KOMI A.S.S.R.—ECONOMIC POLICY

Vitiazeva, V. A. [Main problems in developing the productive forces of the Komi A.S.S.R. in the seven-year plan] Osnovnye problemy razvitiia proizvoditel'nykh sil Komi ASSR v semiletke. Syktyvkar, Komi knizhnoe izd-vo, 1960. 27 p. (V pomoshch' izuchaiushchim voprosy ekonomiki v nachal'nykh ekonomicheskikh shkolakh)

KOMI A.S.S.R.—EDUCATION, ELEMENTARY

The history of universal compulsory primary education in the Komi A.S.S.R. E. P. Petunov. Uch. zap. Komi gos. ped. inst. no. 7:277-291 '59.

KOMI A.S.S.R.—INDUSTRIES

Vitiazeva, V. A. [Main problems in developing the productive forces of the Komi A.S.S.R. in the seven-year plan] Osnovnye problemy razvitiia proizvoditel'nykh sil Komi ASSR v semiletke. Syktyvkar, Komi knizhnoe izd-vo, 1960. 27 p. (V pomoshch' izuchaiushchim voprosy ekonomiki v nachal'nykh ekonomicheskikh shkolakh)

KOMI A.S.S.R.—LAND TENURE

Land relations in the Komi territory at the end of the 18th and the first half of the 19th century. T. I. Belenkina. Uch. zap. Komi gos. ped. inst. no. 9:3-22 '60.

KOMI A.S.S.R.—RUSSIAN LANGUAGE—DIALECTS

The system of vowel sounds in the dialect of the village of Seregovo in Zheleznodorozhnyy District, Komi A.S.S.R. M. S. Mikheeva. Uch. zap. Komi gos. ped. inst. no. 7:201-224 '59.

KOMI A.S.S.R.—SOCIAL LIFE AND CUSTOMS

Ethnographical features of the people of the upper Vychegda Valley. L. N. Zherebtsov, L. P. Lashuk. Ist.-filol. sbor. no. 5:53-98 '60.

KOMI A.S.S.R.—WHEAT

Aspects of the process of the transmutation of spring wheat into the winter form in the Komi A.S.S.R. as an example of the effect of environment on hereditary changes. A. A. Kichigin. Uch. zap. Komi gos. ped. inst. no. 7:313-331 '59.

KOMI LANGUAGE

Foreign reviews of the book "The present-day Komi language." Ist.-filol. sbor. no. 5:179 '60.

KOMI LANGUAGE—CASE

The grammatical categories of the animate and the non-animate in the Komi language. G. A. Nechaev. Uch. zap. Komi gos. ped. inst. no. 7:177-200 '59.

The origin of cases with the suffix "s" in the Komi language. E. S. Gulyaev. Ist.-filol. sbor. no. 5:131-163 '60.

KOMI LANGUAGE—GRAMMAR

Some problems concerning the historical grammar of the Komi language. B. A. Serebrennikov. Ist.-filol. sbor. no. 5:119-130 '60.

KOMSOMOL'SKAYA STATION, ANTARCTICA—ALTITUDES

Determining the altitude of the Komsomol'skaya Station. V. A. Bugaev. Inform. biul. Sov. antark. eksp. no. 23: 24-27 '60

KONDAKOV, NIKODIM PAVLOVICH, 1844-1925

Letters written by N. P. Kondakov to A. P. Chekhov, published by N. I. Gitovich. Izv. AN SSSR Otd. lit. i iaz. 19 no. 1 32-40 Ja-F '60

KONDOMA VALLEY—GEOLOGY

Geological characteristics of the Kondoma iron ore region [with summary in English]. V. I. Kaminskaia. Geol. i geofiz. no. 3 71-80 '61.

KONETSKII, VIKTOR

When philosophy goes to the depths. ("Cares for the future" by Viktor Konetskii. Reviewed by Andrei Lomonskii) Oktiabr' 38 no. 5 216-218 My '61

KONOPNICKA, MARIA, 1842-1910

International Seminar of Slavists held in Warsaw and the jubilee in honor of Maria Konopnicka. I. Z. Tsvilenko. Vest. Mosk. un. Ser. 7 Filol., zhur. 16 no. 1 85-88 Ja-F '61

KONOTOP DISTRICT—HOLIDAYS

"Elections to the soviets" a popular holiday. A. Sobolev. Nar. tvorch. ta etn. 1 no. 4 154-155 O-D '60.

KONOVALENKO, FEDOR MIRONOVICH

A machine tool designed by mechanic Konovalenko. A. Davydov. Moskva 4 no. 3 221 '60.

KONOVALOV, NIKOLAI VASIL'EVICH, 1900-

Nikolai Vasil'evich Konovalov, on his 60th birthday. Zhur. nevr. i psikh. 60 no. 3 379-380 '60

KONSTANTINOV, ALEKO, 1863-1897

The feuilletons of Aleko Konstantinov. G. IA. Il'ina. Lit. slav. nar. no. 5:213-250 '60.

KONSTANTINOVKA—GLASS—CATALOGS

First factory catalogue of structural and technical glass. V. N. Alekseev. Stek. i ker. 18 no. 5:46 My '61.

KONSTANTINOVKA—PIPE, GLASS

Production of heat-resistant glass pipes has been mastered. P. G. Tokarev. Stek. i ker. 18 no. 5:32-34 My '61.

KOPET-DAG—GAS, NATURAL—GEOLOGY

Geology, and oil and gas potentials of the eastern Kopet-Dag. S. P. Valibe, IU. G. Kir'ianov, L. N. Smirnov. Geol. nefti i gaza 4 no. 4:9-13 Ap '60

KOPET-DAG—PETROLEUM GEOLOGY

Geology, and oil and gas potentials of the eastern Kopet-Dag. S. P. Valibe, IU. G. Kir'ianov, L. N. Smirnov. Geol. nefti i gaza 4 no. 4:9-13 Ap '60.

KOREA, NORTH—AGRICULTURE, COOPERATIVE

S"ezd sel'skokhoziaistvennykh kooperatorov KNDR, Pkhen'ian, 1959. [Collection of the most important documents of the Conference of Members of Agricultural Cooperatives of the Korean People's Democratic Republic, Pyongyang, 1959] Sbornik vazhneishikh dokumentov. Pkhen'ian, KNDR, Izd-vo lit-ry na inostr. iazykakh, [n.d.] 147 p.
(DA)

KOREA, NORTH—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

For the Chenlima Brigade title. Yi Chong Su. Sov. profsoiuzy 17 no. 10 42-43 My '61.

KOREA, NORTH—SOCIALIST COMPETITION

For the Chenlima Brigade title. Yi Chong Su. Sov. profsoiuzy 17 no. 10 42-43 My '61.

KOREA, SOUTH—POLITICS AND GOVERNMENT

Coup in South Korea. A. Baturin. Nov. vrem. 19 no. 22:14-15 My '61.

KOREAN LANGUAGE—INFINITIVE

Infinitives ending in "ki" in the mode A. G. Vasil'ev. Uch. zap. LGU no. [illegible]

KOREAN PROVERBS see Proverbs, [illegible]

KOREAN WAR, 1950-1953

[Panmunjom. Translated from the K dem. Pkhen'ian, Izd-vo lit-ry na i KNDR, 1959. 151 p.

KORENEVO—SUGAR MANUFACTURE

Performance of the "Olier" diffuser Korenevo Sugar Factory. I. A. Krik 35 no. 5:15-17 My '61.

KORMA DISTRICT—EDUCATION, CO

According to the methods of practica tion. M. Dzmitryev. Nar. asv. no

KORNILII, Metropolitan of Gorkiy and

His Eminence Kornilii, Metropolitan mas. Zhur. Mosk. Patr. no. 5:39-4

KOROLENKO, VLADIMIR GALAKTION

Gor'kii and Korolenko. IE. IU. Sokrut no. 3:66-75 My-Je '61.

KOROSTEN' REGION—ROCKS

Distribution characteristics of a series of rare and volatile elements in rocks and pegmatites of the Korosten' pluton [with summary in English]. O. D. Stavrov, T. A. Bylova. Geokhimiia no. 4:328-331 '61.

KORSUN'-SHEVCHENKOVSKIY, BATTLE OF 1944-

Where a fierce battle took place. M. D. Rupalo. Ukr. ist. zhur. 5 no. 3:160-161 My-Je '61.

KORYUKOVKA—PAPER PRODUCTS

Use of synthetic latexes in the manufacture of paper oilcloth. V. K. Chuiko. Bum. prom. 36 no. 5:16 My '61

KOSHTOIANTS, KHACHATUR SEDRAKOVICH, 1900-1961

In memory of Khachatur Sedrakovich Koshtoiants. Zhur. ob. biol. 22 no. 3 161-163 My-Je '61

Khachatur Sergeevich Koshtoiants, obituary. Fiziol. zhur. 47 no. 5 1-11 My '61

KOSOV DISTRICT—WOOD CARVING

Mykola Hrepynak, a wood carver. O. H. Solomchenko, V. I. Stefiuk. Nar. tvorch. ta etn. 5 no. 1:91-94 Ja-F '61.

KOSTOPOL'—BUILDING—TOOLS AND IMPLEMENTS

Organization of central tool storage and maintenance shops at the Kostopol' Housing Construction Combine. G. K. IAgotintsev. Der. prom. 10 no. 3:25-27 Mr '61.

KOSTROMA PROVINCE—APPELLATE COURTS

The Province Soviet discussed the work of the Province Court. A. Protasov. Sov. iust. no. 11:8-9 Je '61.

KOSTROMA PROVINCE—FARM BUILDINGS

Lowering the cost of construction. F. Mikhailov. Sel'stroi. 15 no. 3:16-17 Mr '61

KOSTROMA PROVINCE—FOLKLORE

The study of the present-day state of folk works, based on materials of the folklore expedition to Kostroma Province in 1959. V. E. Gusev. Sov. etn. no. 2 167-170 Mr-Ap '60

KOSTROMA PROVINCE—INDUSTRIES

Kostroma, (Province) Upravlenie vnutrennikh del. Arkhivnyi otdel. [Workers' control and nationalization of the industry in the Kostroma Government; collection of documents, 1917-1919] Rabochii kontrol i natsionalizatsiia promyshlennosti v Kostromskoi gubernii, sbornik dokumentov, 1917-1919 gg. [Kostroma] Kostromskoe knizhnoe izd-vo, 1960. 223 p.

KOSTROMA PROVINCE—PIONEERS (COMMUNIST YOUTH)

Our Pioneer organization is a militant one. R. Smirnova. Komsom. zhizn' no. 11 20-23 Je '61.

KOSTROMA PROVINCE—STOCK AND STOCKBREEDING

Solov'ev, A. G. [Secret of success; a story about the expert stockbreeders of the "October 12" Collective Farm in Kostroma Province] Sekret uspekha, rasskaz o masterakh zhivotnovodstva kolkhoza "12 Oktiabr'" Kostromskoi oblasti. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 19 p.
(DA)

KOSTROMA PROVINCE—WORKS COUNCILS

Kostroma, (Province) Upravlenie vnutrennikh del. Arkhivnyi otdel. [Workers' control and nationalization of the industry in the Kostroma Government; collection of documents, 1917-1919] Rabochii kontrol i natsionalizatsiia promyshlennosti v Kostromskoi gubernii, sbornik dokumentov, 1917-1919 gg. [Kostroma] Kostromskoe knizhnoe izd-vo, 1960. 223 p.

KOVROV—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
Il'in, the secretary of a party organization A.Kochkurov Part. zhizn' no.13 60-65 Jl '61

KOVROV—HIGHWAY TRANSPORT WORKERS
Kovrov highway transport workers help agriculture. M. Loginov. Avt. transp. 39 no.5 54 My '61.

KOZACHENKO, VASYL'
Heroism of an artist ("Passionate hands", a tale by Vasyl' Kozachenko Reviewed by Oleksandr Lachenko) Ukraina no 11:8 Je '61

KOZHEVNIKOV, ALEKSEI IAKOVLEVICH, 1836-1902
On the 125th anniversary of the birth of A. IA. Kozhevnikov. IU. P. Lisitsyn. Klin. med. 39 no. 5 149-153 My '61.

KRAMATORSK—FIREMEN
Twenty-five years as firemen. M. Kombarov. Pozh delo 7 no 3:30 Mr '61

KRAMATORSK—MACHINERY INDUSTRY
Take care of the pence and the pounds will take care of themselves N. Shatilov. Part. zhizn' no. 11 45-48 Je '61.

KRASNODAR—BUILDING MACHINERY
Mechanizing labor-consuming processes Stroitel' no 4 21 Ap '61

KRASNODAR—CONSTRUCTION INDUSTRY
Group of Communist Labor N Pankrat'ev Stroitel' no 1 15 Ap '61

KRASNODAR—LIGHTWEIGHT CONCRETE
Keramzit for large-panel housing construction Stroitel' no 4 11 Ap '61

KRASNODAR—MASONRY
The brigade has started the pre-Congress watch G Shmarovoz Stroitel' no 4 15 Ap '61

KRASNODAR—PRESTRESSED CONCRETE
Wire-reinforced concrete panels with round hollows Stroitel' no 4 14 Ap '61.

KRASNODAR—SHIGELLA
Characteristics of medicinal resistance of dysentery pathogens isolated in the city of Krasnodar [with summary in English]. M. L. Khanin, A. I Korotiaev Antibiotiki 6 no. 2 161-162 F '61.

KRASNODAR TERRITORY—AGRICULTURE
Virgin lands in the south. V. Zubenko NTO 2 no. 5, 19-20 My '60

KRASNODAR TERRITORY—CAMPS
From our experience. M. Cherednik. Nar. obr. no. 5: 86-88 My '61

KRASNODAR TERRITORY—COMMUNIST YOUTH LEAGUE
Political education goes on all year around. N. Miroshnichenko. Komsom. zhizn' no. 11:15-17 Je '61.

KRASNODAR TERRITORY—CONSTRUCTION INDUSTRY
In Krasnodar Territory. Stroitel' no 4 7 Ap '61.

KRASNODARSK TERRITORY—GAS PIPES
Construction of gas lines in Krasnodarsk Territory. I. M. Kalinichenko, N. S. Gorbacheva. Strol. truboprov. 6 no. 2 21-22 F '61.

KRASNODAR TERRITORY—INDUSTRIES
Let's supply local industry with trained personnel. I. Chunikov. Sov. deput. trud. no. 5:15-20 Je '61.

KRASNODAR TERRITORY—PRECAST CONCRETE
Production of precast reinforced concrete is developing. Stroitel' no 4 10 Ap '61

KRASNODAR TERRITORY—SUGAR MANUFACTURE
A big factory in two years. Stroitel' no. 4 9 Ap '61.

KRASNOGORSKAYA REGION—GEOLOGY, STRUCTURAL
Geomorphological and geotectonic features of the Krasnogorskaya area of the Northern Caucasus B. K. Lomiev, IU. A. Sterlenko Trudy GNI no. 21:72-79 '59.

KRASNOGVARDEYSKOYE DISTRICT (CRIMEA PROVINCE)—FARM MECHANIZATION
Let us master the technology of the seven-year plan. V. Vasilevskii. Komsom. zhizn' no. 5:21-22 Mr '60.

KRASNOKAMSK—WOODPULP
Automatic temperature regulation of defibration. M. M. Snegirev. Bum. prom. 30 no.5:25-26 My '61.

KRASNOKUTSK DISTRICT—BOTANICAL GARDENS
History of the Krasnokutsk Park in Kharkov Province IU. I. Karazina. Biul Glav. bot sada no. 39:25-32 '60.

KRASNOYARSK HYDROELECTRIC POWER STATION
Types of principal structures of the Krasnoyarsk Hydroelectric Power Station and methods used in constructing them. Gidr. stroi. 30 no. 5.48-49 My '60.

KRASNOYARSK TERRITORY—INDUSTRIAL SAFETY
Labor protection in Krasnoyarsk Territory communal enterprises. Zhil.-kom. khoz 11 no. 2 8 F '61.

KRASNOYARSK TERRITORY—INSURANCE, SOCIAL—AUDITING AND INSPECTION
Take into consideration workers' opinions. N. Aleksandrov. Sots. obesp. 22 no 5:17 My '61

KRASNOYARSK TERRITORY—ROAD CONSTRUCTION
"Design office" on a bulldozer. IA. Sukhanov. Izobr. i rats. no. 5 14-16 My '61.

KRASNOYARSK TERRITORY—VOCATIONAL EDUCATION
Study and labor produce fine offspring. N. Malakhov. Komsom. zhizn' no. 3:17-19 F '60.

KREMENCHUG—WOODWORKING INDUSTRIES
Experiment in finish sawing in the Kremenchug Woodworking Combine. A. L. Zhogolev. Der. prom. 10 no. 5:21-23 My '61.

KREMENCHUG DISTRICT—FARM LIFE
Some new features of the contacts of workers with collective farmers D M Kosariyk Nat tvorch ta ein 4 no 4 68-72 O-D '60.

KREMLIN see Moscow—Kremlin

KRIVOY ROG—ATHEISM
The propagandists of Krivoy Rog. V. Krasyts'ka Voiov. ateist no 1 28-29 Ap '61

KRIVOY ROG BASIN—BORING MACHINERY
Problem of choosing efficient types of machines for boring deep blasting holes in the Krivoy Rog Basin. D. S. Vatolin Trudy Inst. gor. dela 5 90-92 '60.

KRIVOY ROG BASIN—FLOTATION
Means of accomplishing flotation of ferric oxides in the Krivoy Rog Basin F. N. Belash. Izv. vys. ucheb zav., gor. zhur. no. 3:123-133 '60.

KRIVOY ROG BASIN—GEOLOGY, STRUCTURAL
Convergence structure between the western Ingulets syncline and Tarapak-Likhmanevskaya anticline in the Krivoy Rog Basin. M. I. Chernova's'kyi. Geol. zhur. 20 no. 2, 62-66 '60.

KRIVOY ROG BASIN—MANGANESE ORES
Manganese ores in the Krivoy Rog Basin. V. D. Nalarov, N. L. Malakhov. Razved. i okh. nedr 27 no. 3:4-6 Mr '61.

KRIVOY ROG BASIN—MINING ENGINEERING
Shortcomings in subdrift mining. K. S. Pisanko. Bezop. truda v prom. 4 no. 5:12-13 My '60.

KRIVOY ROG BASIN—MINING MACHINERY
Loading ores without chutes with the "Krivbass 250" machine. G. G. Petrenko. Mekh i avtom. proizv 15 no. 5:18-19 My '61

KRIVOY ROG BASIN—PETROLOGY
Concerning H. V. Tokhtuiev's article "Age relation between the Krivoy Rog metamorphic series on the one hand, and plagioclases and microcline-plagioclase granites on the other. B. L. Goroshnykov. Geol. zhur. 20 no. 2:118-120 '60.

KRIVOY ROG BASIN—ROCK DRILLS
With fire and water.... O. O. Vovk. Nauka i zhyttia 11 no. 4:24 Ap '61.

KRIVOY ROG BASIN—ROCKS—ANALYSIS
Origin of rocks in the Krivoy Rog talc horizon and their place in the cross section of the Krivoy Rig series. P. P. Nazarov. Geol. zhur. 20 no. 2:66-69 '60.

KRUPSKAIA, NADEZHDA KONSTANTINOVA, 1869-1939
N. K. Krupskaia on children's reading and its supervision. N. N. Zhitomirova. Sov. pedag 25 no 4:67-72 Ap '61

N. K. Krupskaia on training in work habits. S. Turchanko. Nar. asv. no 2 8-13 F '61.

KRYLOV, ALEKSANDR VASIL'EVICH, d. 1961
Aleksandr Vasil'evich Krylov; obituary. A. A. Prokof'ev. Fiziol. rast. 8 no. 3:382-383 '61.

KRZHEVSKII, BORIS APOLLONOVICH
B. A. Krzhevskii as a translator. A. V. Fedorov. Uch. zap. LGU no. 299:233-237 '61.

In memory of Boris Apollonovich Krzhevskii. B. A. Larin. Uch. zap. LGU no. 299:3-4 '61.

"Manon Lescaut" in a translation by B. A. Krzhevskii. E. G. Etkind. Uch. zap. LGU no. 299:254-259 '61.

KRZHEVSKII, BORIS APOLLONOVICH—BIBLIOGRAPHY see Bibliography—Krzhevskii, Boris Apollonovich

KUBA DISTRICT—COLLECTIVE FARMS
Dreams that came true. Aitu Sarkisov. Sov. potreb. koop. 5 no 5:17-20 My '61.

KUBAN—BOOKSELLERS AND BOOKSELLING
In Kuban villages. E. Kalina Sov. knizh torg. 13 no 4 37-40 Ap '61

KUBAN—CONSTRUCTION INDUSTRY
Construction organizations and enterprises which serve several collective farms. V. Vasil'ev. Sel'. stroi. 16 no. 2:13-14 F '61

KUBAN—GEOLOGY, STRATIGRAPHIC
Recent data on the upper Pliocene of the Kuban. N. A. Lebedeva, G. I Popov Dokl. AN SSSR 136 no. 3 647-650 My '61

KUBAN—PLANTS—FROST RESISTANCE
Biological characteristics of winter-hardy plum varieties in the Kuban. G. V Eremin. Agrobiologiia no. 3:367-370 My-Je '61

KUBAN—PLUM—VARIETIES
Biological characteristics of winter-hardy plum varieties in the Kuban. G. V Eremin. Agrobiologiia no. 3:367-370 My-Je '61.

KUBAN—SUGAR INDUSTRY
Work experience of the brigade of the State Institute for the Design and Planning of Sugar Factories in the construction of three Kuban factories V. A. Vishnevskii. Sakh. prom 35 no 5 32-34 My '61.

KUBAN-AZOV LOWLAND—GEOLOGY, STRUCTURAL
Geotectonic features of the Kuban-Azov Lowland in the Eocene. A. V. Chekunov. Geol. zhur. 20 no. 2.57-60 '60.

KUBAN VALLEY—SUGAR MANUFACTURE
Sugar factories are built twice as fast as is required Stroitel' no. 4 9 Ap '61.

KUDINOVO REGION (MOSCOW PROVINCE)—CLAY
Geological structure and genesis of the Kudinovo deposit of refractory clays in the Timokhovo sector Cheng Chih Trudy MGRI 38 63-75 '60.

KUIBYSHEV, VALERIAN VLADIMIROVICH, 1888-1935
V. V. Kuibyshev on socialist planning. M. P. Evseev. Uch zap. TGU no 31 118-134 '50

KUKOLEVSKII, IVAN IVANOVICH, 1878-1960
Ivan Ivanovich Kukolevskii; obituary. Gidr. stroi 30 no. 5:64 My '60.

KULAKOV, PETR MIKHAILOVICH, 1884-
Petr Mikhailovich Kulakov, on his 75th birthday Zhur nevr. i psikh 60 no 3:382 '60.

KULIKOVO, BATTLE OF, 1380
The Battle of Kulikovo in folklore B. N Putilov Trudy ODRL 17 107-129 '61

KULUNDA STEPPE—AGRICULTURE
Time to cross the swords. B. Anashenkov. Nauka i zhizn' 28 no. 4:12-16 Ap '61.

KULUNDA STEPPE—CORN (MAIZE)
Economic efficiency of raising corn in northern Kulunda. A. S. Kovalenko. Dokl. i soob. VNIESKH no. 3:139-147 '60.

KULUNDA STEPPE—SALT DEPOSITS
Over-all utilization of the water and salt resources of the Kulunda Steppe. M. F. Liapunov. Izv. Sib. otd. AN SSSR no. 3 54-60 '61.

KULUNDA STEPPE—WATER RESOURCES DEVELOPMENT
Over-all utilization of the water and salt resources of the Kulunda Steppe. M. F. Liapunov. Izv. Sib. otd. AN SSSR no. 3 54-60 '61.

KUMA VALLEY—PASTURE RESEARCH
Dynamics of accumulation of overground vegetable matter in desert, steppe, and meadow biogeocoenoses of the Terek-Kuma Lowland. E. V. Shiffers, R. V. Sukhoverko. Bot zhur. 45 no. 4:555-564 Ap '60.

KUMBA, MOUNT—MOUNTAIN ECOLOGY
Specific features of vegetation on some mountain summits of the Urals and their relation to the nature of rocks [with summary in English]. K. N. Igoshina. Bot zhur. 45 no. 4:533-546 Ap '60.

KUMIN, DMITRII IVANOVICH, 1908-1959
D. I. Kumin. Izv. VNIIG 63:247-248 '60.

KUN, BELA, 1886-1939—BIBLIOGRAPHY see Bibliography—Kun, Bela, 1886-1939

KUNASHIR ISLAND—GEOLOGY, STRUCTURAL
Structural belt of Kunashir Island (Kurile Islands). G. P. Vergunov. Izv. Sib. otd. AN SSSR Geol. i geofiz. no. 1: 96-98 '58.

KUO, MO-JO, 1892-
Markova, S. D. [The poetic works of Kuo Mo-jo] Poeticheskoe tvorchestvo Go Mo-zho. Moskva, Izd-vo vostochnoi lit-ry, 1961. 98 p.

KURA-ARAS LOWLAND—SALINE AND ALKALI SOILS

Biological genesis of salinity in meadow soils of the Kura-Aras Lowland. G. A. Binnanovskii. Uch. zap. AGU, Biol. ser. no. 3 53-58 '60.

KURA LOWLAND—RUNOFF

Some questions about the building-up of mudflows on the slopes of the mountains surrounding the Kura Lowland. Arkadi Aliev. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk no. 5 125-138 '60.

KURA LOWLAND—SOIL MOISTURE

Water cycle of soils in the western part of the Shirvan Steppe. Izv. AN Azerb. SSR, Ser. biol. i med. nauk no. 1 99-105 '60.

KURAMA RANGE—GRANODIORITE

Gallium in the country rock of fluorite-sulfide mineralization [with summary in English]. O. V. Vershkovskaia, V. S. Saltykova. Geokhimiia no. 5 440-445 '61.

KURAMA RANGE—ORE DEPOSITS

Metamorphism of enclosing rocks and its effect on the formation of various types of complex metal deposits in the Kurama Range. I. M. Mukhodzhaev. Uzb. geol. zhur. no. 2 24-29 '61.

KURATOV, IVAN ALEKSEEVICH, 1839-1875

The last period of I. A. Kuratov's life and work; based on archival materials. A. N. Fedorova. Ist.-filol. sbor. no. 5 164-178 '60.

KURGAN—AGRICULTURE—STUDY AND TEACHING

What reorganization gave us. M. P. Beletkov. Vest. vys. shkoly 19 no. 5:12-14 My '61.

KURGAN PROVINCE—HEALTH RESORTS, WATERING PLACES, ETC.

Sanatoriums of Kurgan Province take part in the review. B. Stolbovskii. Okhr. truda i sots. strakh. 4 no. 5:20 My '61.

KURGAN PROVINCE—INSURANCE, SOCIAL—AUDITING AND INSPECTION

Let's notify the population about inspections. I. Podkorytov. Sots. obesp. 22 no. 5:15-16 My '61.

KURGAN PROVINCE—NEWSPAPER AND PERIODICAL CIRCULATION

Year's plan for subscription fulfilled by July 1. P. Perezhogin. Raspr. pech. no. 3:3 Mr '61.

KURGAN PROVINCE—RURAL ELECTRIFICATION

For over-all electrification. K. Leont'eva. Komsom. zhizn' no. 5:25-26 Mr '60.

KURGAN PROVINCE—TECHNICAL SOCIETIES

Improving the organizational work. L. Chernov. NTO 3 no. 5:48-49 My '61.

KURGANNAYA DISTRICT—AGRICULTURE—EXPERIMENTATION

Experimentation and research on the collective farm. F. D. Moskalenko. Vest. sel'khoz. nauki 6 no. 5: 134-136 My '61.

KURGANOV, MIKHAIL

"Fresh breeze", a novel by Mikhail Kurganov. Reviewed by Vladimir Bakhtin. Zvezda no. 4 212 Ap '61.

KURILE ISLANDS—EROSION

High erosion surfaces in Kamchatka and the Kurile Islands. G. M. Vlasov. Mat. VSEGEI Chet. geol. i geomorf. no. 2, 178-192 '59.

KURILE ISLANDS—POLYCHAETA

Polychaetous annelids from the littoral of Kurile Islands. V. V. Khlebovich. Issl. dal'nevost. mor. SSSR no. 7, 151-260 '61.

KURILE ISLANDS—SEASHORE BIOLOGY

Some characteristics of the distribution of fauna and flora in the intertidal zone of southern Kurile Islands. O. G. Kusakin. Issl. dal'nevost. mor. SSSR no. 7, 312-343 '61.

KURMANGAZY, SAGYRBAEV, 1806-1879

New material on Kurmangazy. P. V. Aravin. Vest. AN Kazakh. SSR 17 no. 4:53-60 Ap '61.

KURSHAKOV, NIKOLAI ALEKSANDROVICH, 1886

Nikolai Aleksandrovich Kurshakov: on his 75th birthday. Ferap. arkh. 33 no. 4:3-4 '61.

KURSK, BATTLE OF, 1943

To those who took part in the Battle of Kursk. Voen. ist. zhur. 3 no. 6:128 Je '61.

KURSK MAGNETIC ANOMALY

Recollections about Vladimir Il'ich Lenin. L. M. Gubkin. Znan. ia pratsia no. 4:11 Ap '61.

KURSK MAGNETIC ANOMALY—IRON MINES AND MINING

Akademiia nauk SSSR. Institut gornogo dela. [Problems in mining the deposits of the Kursk Magnetic Anomaly] Voprosy razrabotki mestorozhdenii Kurskoi magnitnoi anomalii; sbornik statei. Moskva, 1961. 307 p.

KURSK MAGNETIC ANOMALY—ROCK PRESSURE

Research with models on the distribution of stresses in a block of untouched ore containing weak interbeds under approximately the same conditions as at the Yakovlevo deposit (Kursk Magnetic Anomaly). V. F. Trumbachev, L. M. Mel'nikov. Trudy Inst. gor. dela 5 50-56 '60.

KURSK PROVINCE—AGRICULTURE—ECONOMIC ASPECTS

The struggle of the collective farmers of Kursk Province in rehabilitating the agricultural economy of their territory after its liberation from the German fascist occupation forces in 1943. G. S. Filimonova. Uch. zap. Komi gos. ped. inst. no. 7:129-151 '59.

KURSK PROVINCE—GIRDERS

Making reinforced concrete roof bearing elements on stands of concreting combines. D. I. Markov, IA. IA. Driving. Prom. stroi. 38 no. 5 57-58 '60.

KURSK PROVINCE—STATISTICS

Kursk (Province) Statisticheskoe upravlenie. [Economy of Kursk Province, statistical collection] Narodnoe khoziaistvo Kurskoi oblasti, statisticheskii sbornik. Orel, Gosstatizdat, 1960. 138 p.

KURSK PROVINCE—STOCK AND STOCKBREEDING

Mechanized interfarm stock fattening yards. P. Kanishchev. Sel'. stroi. 15 no. 3:7-8 Mr '61.

KURSK PROVINCE—SWINE—FEEDING AND FEEDS

Party groups in the fattening yards of collective farms. V. Simankov. Part. zhizn' no. 11 42-45 Je '61.

KUSOVA, FARIZA PAVLOVNA

Fariza Pavlovna Kusova. T. Kh. Isaev. Med. sestra 20 no. 4 57 Ap '61.

KUSTANAY PROVINCE—BOTANY

Vegetation of Kustanay Province. L. A. Demchenko. Trudy Inst. bot. AN Kazakh. SSR 10 23-60 '61.

KUSTANAY PROVINCE—BUCKWHEAT

Growing buckwheat on Chernozems of Kustanay Province [with summaries in English, German, and French]. A. A. Shchepetkov. Vest. sel'khoz. nauki 6 no. 5:10-14 My '61.

KUSTANAY PROVINCE—CARP

Color of peritoneum is a taxonomic character in Carassius species. A. I. Gorlunova. Dokl. AN SSSR 136 no. 1 245-246 Ja '61.

KUSTANAY PROVINCE—MAGNETITE

Magnetite ores in Kustanay Province. B. M. Smirnov, B. V. Laddeev, L. V. Kryzhov. Gor. zhur. no. 3:78-79 Mr '60.

KUSTANAY PROVINCE—STRIP MINING

Research on the parameters of mine transportation equipment for the iron ore pits of Kustanay Province. K. E. Vinitskii, M. G. Potapov. Trudy Inst. gor. dela 5:12-21 '60.

KUSTANAY PROVINCE—WATER SUPPLY—CONGRESSES

Akademiia nauk SSSR. Sovet po izucheniiu proizvoditel'nykh sil. Sektor gidroenergeticheskikh resursov. [Outlook for water supply in the Tobol Area of Kustanay Province; transactions of the conference] Perspektivy vodosnabzheniia Pritobol'skogo raiona Kustanaiskoi oblasti; trudy soveshchaniia. Moskva, 1961. 143 p.

KUSTODIEV, BORIS MIKHAILOVICH, 1878-1927

A new monograph ("Boris Mikhailovich Kustodiev" by M. Etkind. Reviewed by E. Ivanova). Sov. muz. 25 no. 5:189-190 My '61.

KUVA—DESCRIPTION

Kuva today. Uzbekistan 18 no. 12:16.

KUYBYSHEV—BEARING INDUSTRY

Workers themselves guarantee the qua... G. M. Petrov. Mashinostroitel' no. 5

KUYBYSHEV—COMMUNIST PARTY OF UNION—PARTY WORK

A party committee and its propagandis... Part. zhizn' no. 12:39-41 Je '61.

KUYBYSHEV—MILITARY EDUCATION

Follow-up of articles published in "Kr... ennykh Sil." Komm. Vooruzh. Sil. 1 '61.

KUYBYSHEV—THEATER

In the theaters of Kuybyshev. Teatr 2 My '61.

KUYBYSHEV DISTRICT—RURAL LIBR...

For the toilers of our fields and farm... Sots. kul't. 14 no. 5 33-34 My '61.

KUYBYSHEV HYDROELECTRIC POWE...

Volga Hydroelectric Power Station

KUYBYSHEV PROVINCE—MACHINERY IN INDUSTRY

The mechanization of manual labor. G. Dolbnin. Komsom. zhizn' no. 17:1-5 S '60.

KUYBYSHEV PROVINCE—OIL FIELDS—PRODUCTION METHODS

Lowering production costs and increasing the profit margin in the petroleum production enterprises of the Kuybyshev Economic Council. P. V. Vinogradov. Trudy MINKHNGP no. 30 29-61 '59.

KUYBYSHEV RESERVOIR—CHIRONOMIDAE

A new larval form of Cryptochironomus serpaneus sp. n. (Diptera, Tendipedidae) [with summary in English]. M. IA. Kirpichenko. Zool. zhur. 40 no. 5 780-781 '61.

KUYBYSHEV RESERVOIR—NAVIGATION

Some navigational characteristics of the Kazan'-Stavropol' section of the Kuybyshev Reservoir. A. Aleksandrov. Rech. transp. 19 no. 3 51-53 Mr '60.

KUZ'MIN, GEORGII GRIGOR'EVICH

In forward territory. M. Borodin. Sov. voin. 11 no. 4:11 F '60.

KUZNETSK ALA-TAU—GEOLOGY, STRATIGRAPHIC

Cambrian stratigraphy of the eastern slope of the Kuznetsk Ala-Tau [with summary in English]. D. I. Mussatov. Geol. i geofiz. no. 2:83-96 '61.

KUZNETSK ALA-TAU—GOLD ORES

Gold-bearing skarns of the Natal'yevka deposit in the Mari taiga (Kuznetsk Ala-Tau). V. A. Vrublevskii. Uch. zap. TGU no. 36 114-120 '60.

KUZNETSK ALA-TAU—KARST

Karst forms of relief in the southwestern Kuznetsk Ala-Tau. V. P. Burov. Uch. zap. TGU no. 36 134-138 '60.

KUZNETSK ALA-TAU—NEPHELITE

Nepheline rocks of the Kiya-Shaltyr', Gornyshegorsk, and Kuibasul' intrusives (northeastern part of the Kuznetsk Ala-Tau). M. G. Berger. Dokl. AN SSSR 136 no. 5, 1201-1204 F '61.

KUZNETSK ALA-TAU—PALEOGEOGRAPHY

Relief of the southwestern Kuznetsk Ala-Tau and stages in its formation. V. P. Burov. Uch. zap. TGU no. 36: 139-141 '60.

KUZNETSK ALA-TAU—PETROLOGY

Petrological study of the Ol'ginskiy-Ampalykskiy intrusive (northern Kuznetsk Ala-Tau) [with summary in English]. V. G. Korel', V. N. Kuznetsova. Geol. i geofiz. no. 2:47-60 '61.

KUZNETSK ALA-TAU—ROCKS, IGNEOUS

Basic stages in the development of the Paleozoic igneous activity in the Kuznetsk Ala-Tau. G. V. Pimus. Izv. Sib. otd. AN SSSR Geol. i geofiz. no. 1:3-15 '59.

KUZNETSK ALA-TAU—SKARNS

Magnesian skarns in the Teya. P. V. Komarov. Geol. i razvedka no. 2:119-124 Mr-Ap '61.

KUZNETSK BASIN—ALGAE, FOSSIL

Stratigraphic importance of the alga Pastilius cellulosus. A. B. Travin. Geol. i geofiz. no. 4:106 '61.

KUZNETSK BASIN—COAL

New type of lithobiolith. A. B. Travin. Geol. i geofiz. no. 4:106-107 '61.

KUZNETSK BASIN—COAL MINERS

Going forward. E. Razumov. Znamia 31 no. 5:127-136 My '61.

KUZNETSK BASIN—COAL MINES AND MINING—EQUIPMENT AND SUPPLIES
Mining of steeply dipping seams in Kuznetsk Basin mines without the presence of miners. A. P. Sherokov. Ugol' 36 no. 5 23-26 My '61

KUZNETSK BASIN—COAL MINES AND MINING—SAFETY MEASURES
Improve labor safety in the Kuznetsk Basin mines. M. I. Ratushkov. Ugol' 36 no. 4 41-42 Ap '61

KUZNETSK BASIN—GAS, NATURAL—GEOLOGY
Kuznetsk Basin is a new oil- and gas-bearing area in Western Siberia [with summary in Engli h]. V. S. Muromtsev. Geol. i geofiz. no. 3 18-26 '61

KUZNETSK BASIN—GEOLOGY
Bel'skaia, T. N. [Late Devonian sea in the Kuznetsk Basin, its development, fauna and flora, and sediments, 17 plates and 54 drawings] Pozdnedevonskoe more Kuznetskoi kotloviny, istoriia ego razvitiia, naselenie i osadki; s 17 tablitsami i 54 risunkami v tekste. Moskva, Izd-vo Akad. nauk SSSR, 1960. 183 p. (Akademiia nauk SSSR. Paleontologicheskii institut. Trudy, vol. 82)

KUZNETSK BASIN—GEOLOGY, STRATIGRAPHIC
Shoptlova, G. A. [Lithology and conditions of formation of the Balakhonka series in the Kraptvino area of the Kuznets Basin] Litologiia i usloviia obrazovaniia balakhonskoi svity Krapivinskogo raiona Kuzbassa Moskva, Izd-vo Akad. nauk SSSR, 1961. 105 p.

KUZNETSK BASIN—HYDRAULIC MINING
Hydraulic mining of a thick flat seam in the "Tomusinskaia 1-2" Mine. A. P. Filippov. Ugol' 36 no. 5 27-31 My '61.

KUZNETSK BASIN—MINE GASES
Fir st sudden gas and coal outbur sts dur ing stoping operations in the Ku netsk Basin. O. I. Chernov, F. S. Rozantsev. Ugol' 36 no. 4 41 Ap '61.
Gas removal from seams above which mining operation separated by thick interlayers, are carried on. M. P. Kukharskii, IU. V. Svetlakov. Ugol' 36 no. 4 43-44 Ap '61

KUZNETSK BASIN—MINING GEOLOGY
Testing the physical properties of rock under natural conditions. N. N. Kuvaev. [Trudy] VNIMI no. 33 196-209 '58.

KUZNETSK BASIN—PALEOBOTANY
New species of fossil plants in the Il'ya series of the Kuznetsk Basin. L. I. Sheshegova. Geol. i geofiz. no. 3 106-111 '61.

KUZNETSK BASIN—PETROLEUM GEOLOGY
Kuznetsk Basin is a new oil- and gas-bearing area in Western Siberia [with summary in English]. V. S. Muromtsev. Geol. i geofiz. no. 3 18-26 '61.

KUZNETSK BASIN—SOCIALIST COMPETITION
Going forward. E. Razumov. Znamia 31 no. 5 127-136 My '61.

KUZNETSK BASIN—STOPING (MINING)—MODELS
Use of models in determining the parameters of stopes in the chamber system of mining with the use of rod bolting. S. I. Zapreev, A. K. Kovrizhin, K. K. Kiprianova. Izv. vys. uchеb. zav.; gor. zhur. no. 9 20-26 '59.

KUZNETSK BASIN—STRIP MINING
Expansion of strip mining in the Kuznetsk Basin during the current seven-year period. M. I. Rudchenko. Ugol'

LABOR, COMPLICATED
Course of labor with untimely escape of fluids. T. M. Orlygina-Chursina. Zdrav. Turk. 5 no. 2 35-37 Mr-Ap '61

LABOR AND LABORING CLASSES
(Africa, Great Britain, Italy, Japan, Lvov; Moldavia, Mongolia, Tanganyika, Ukraine, Ural Mountain region)
Conversation about occupations. A. Dorokhov. V mire knig 1 no. 1:23-23 Ja '61.
Cultural and technical development of Soviet workers from 1917 to 1958, a historical and statistical study. A. G. Rashin. Ist. SSSR 5 no. 2 10-24 Mr-Ap '61
Prewar historiography of the Soviet laboring classes. I. F. Vorozheikin. Ist. SSSR 5 no. 3 89-102 My-Je '61
Starting documents ("Letters from workers to V. I. Lenin", 1917-1921. Reviewed by R. Lavrov). Novyi mir 36 no. 1 256-258 Ap '60.
Technological progress and changes in the vocational composition of workers. Biul. nauch. inform.: trud i zar. plata 4 no. 5:3 '61.
Technological progress and workers' condition in capitalist countries. N. Ivanov. Mir. ekon. i mezhdunar. otn. no. 8 107-109 Je '61.
Terpigorev, A. M. [Work and self-education] Trud i samoobrazovanie. [Moskva] Izd-vo VTsSPS Profizdat, 1959. 118 p. (Massovaia biblioteka rabochego)
Turkin, A. N. [What the worker dreams of] O chem mechtaet rabochii. [Moskva] Izd-vo VTsSPS Profizdat, 1960. 29 p. (Massovaia biblioteka rabochego)

LABOR AND LABORING CLASSES—BIBLIOGRAPHY
see Bibliography—Labor and laboring classes

LABOR AND LABORING CLASSES—DWELLINGS
Efforts of the Communist Party of the Soviet Union to improve the housing of workers. L. S. Zakhlebina. Trudy MINKhiGP no. 30 74-93 '59

LABOR AND LABORING CLASSES—EDUCATION
Communal professions are studied here. M. Fedotova, T. Surina. Komsom. zhizn' no. 3 14-15 F '60

LABOR AND LABORING CLASSES—MEDICAL CARE
(see also subdivision under Cherkassy Province, Moscow, Stalingrad)
Assignments to sanatoriums and rest homes. K. Batygin. Okhr. truda i sots. strakh. 4 no. 5 49-50 My '61.

LABOR AND LABORING CLASSES—SONGS AND MUSIC
The popular songs of Soviet workers. B. P. Kirdan. Nar. tvorch. ta etn. 1 no. 1 31-39 O-D '60

LABOR AND LABORING CLASSES IN ART
A theme of great poetic content. Iskusstvo 24 no. 1 7-9 '61.

LABOR COURTS
(see also subdivision under Rumania; Uman')
Behind closed shutters. IU. Andreeva. Sov. just. no. 10 20-21 My '61
Fellow workers' courts protect the rights of Soviet citizens. Mamagina, V. Dmitriev, K. Khodzinskii. Sots. zakon. 37 no. 1 49-51 Ap '60
How to organize the work of fellow workers' courts. I. Mukhin, S. Turin. Sov. just. no. 1 10-13 Ap '60.
Jurisdiction of fellow workers' courts. V. D. Men'shagin. Vest. Mosk. un. Ser. 10 Pravo 15 no. 1 10-27 '60
Jurisdiction of fellow workers' courts in the examination of civil law conflicts. P. I. Orlovskii. Vest. Mosk. un. Ser. 10 Pravo 15 no. 2 15-20 Ap-Je '60
Lenin on the role of the public in the administration of justice. Sov. just. no. 11-5 Ap '60
Our readers discuss the public contacts of prosecutors and courts. Sots. zakon. 37 no. 4 53 Ap '60
[illegible] papers of the Union Republics. [illegible] 1-80 Ap '60

[illegible] concerning civil law, labor con- Sots. zakon. 38 no. 6 47-52

[illegible]ATION
[illegible]er Russia, Northern)
[illegible]uestions. Sov. just. no. 10

[illegible]ov Province Trade-Union Okhr. truda i sots. strakh. 4

[illegible].F. Troshin. [Labor rights R.] Trudovye prava podrost- os. Izd-vo iurid. lit-ry, 1960.

[illegible], 38 no. 6 06 Je '61.

[illegible]law as presented in V. I. Lenin's [illegible]ravo no. 2 35-44 Mr-Ap '60.
[illegible]es of Labor Law." Sov. just.

[illegible]es of the Labor Law of the Republics." O. Burlaka, [illegible]avo no. 2 108-112 Mr-Ap '60

LABOR PARTY (GREAT BRITAIN) see Great Britain—Labor Party

LABOR PRODUCTIVITY
(see also subdivision under Leningrad Province)
Change in labor productivity depending upon methods of introductory calisthenics. V. M. Nikulin. Teor. i prak. fi. kul't. 24 no. 2 118-12? '61
Measuring labor mechanization standard, accounting for its productivity. N. Kaminskii, IA. Kvasha. Vest. stat. no. 5 48-54 '61
Studies in the effectiveness of the calisthenics-break at the Alma-Ata Tobacco Factory. A. G. Zima, G. A. Meshcheriakin. Teor. i prak. fiz. kul't. 24 no. 2 122-126 '61
Unused potentials for increasing labor productivity. V. F. Novikov. Mashinostroitel' no. 5 40 My '60.
Ways of improving labor productivity in simple superphosphate production. V. Goloschapov, L. Kazantseva. Biul. nauch. inform. trud i zar. plata 4 no. 5 24-33 '61.

LABOR PRODUCTIVITY—STATISTICS
On the further course in the development of labor productivity statistics. V. V. Novozhilov. Nauch. zap. Len. fin.-ekon. inst. no. 19.3-14 '59.

LABOR REST HOMES
Standard designs for sanatoria and rest homes. N. A. Gavrilov. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 1 68-72 '61

LABOR SERVICE see subdivision under Turkmenistan

LABOR SUPPLY
An interpretation of the problem of the replacement of the labor force ("Labor supply of the U. S. S. R. and its utilization", on the problem of the economic capacity of the country by A. D. Kuznetsov. Reviewed by S. Krivchenko, D. Moskvin). Vop. ekon. no. 5 107-111 My '61
The student has graduated from an institution of higher learning. M. A. Dzhabrailov. Vest. vys. shkoly 19 no. 5 68-71 My '61

LABORATORY ANIMALS
"Raising laboratory animals" by K. L. Kovalevskii. Reviewed by N. Medvedev. Pat. fiziol. i eksp. terap. 4 no. 2 94-95 Mr-Ap '60
Rem and others. Ed. Arenin. Zvezda no. 3 169-170 Mr '61.

LABYRINTH (EAR)—DISEASES
Pathomorphological changes in the aural labyrinth in animals in brucellosis [with summary in English]. IU. P. Tolstov. Zhur. ush., nos. i gorl. bol. 20 no. 1 36-43 Ja-F '60

LACOMBE DE PREZEL, HONORE, d. 1725
First book of art published in Russia. A. Mironov. V mire knig 1 no. 2 47 F '61.

LACQUER AND LACQUERING
Acrylic lacquer. N. N. Ezhkin. Stomatologiia 40 no. 2 98 Mr-Ap '61
"Specialized technical guide materials on lacquer coatings for medical articles." Prepared by B. IA. Goroboi. Med. prom. 15 no. 3 64 Mr '61
Unsaturated organosilicon polyesters and properties of lacquers based on them. D. N. Andreev and others. Zhur. prikl. khim. 34 no. 3 504-508 Mr '61.

LACTATION
Psychoses of puerperal and lactation periods. L. T. Ivanova. Zhur. nevr. i psikh. 60 no. 3 343-347 '60.
Role of the cervical part of the sympathetic nervous system in the regulation of lactation in goats [with summary in English]. G. B. Tverskoi. Izv. AN SSSR. Ser. biol. no. 3 441-451 My-Je '61.

LACTIC ACID
Lactic acid concentration in tissues of a developing chick embryo [with summary in English]. M. N. Pertseva. Biokhimiia 26 no. 2 254-258 Mr-Ap '61.

LACTIC ACID BACTERIA
Significance of the quantitative determination of lactic acid bacteria in the saliva for the characteristics of caries formation in teeth. P. F. Belikov, E. M. Moskvina. Stomatologiia 40 no. 2 3-5 Mr-Ap '61.

LACTOBACILLUS PENTOACETICUM
Effect of $MnSO_4$ on the nature of Lactobacterium pentoaceticum fermentation under various conditions of aeration and culture acidity [with summary in English]. N. N. Grechushkina. Mikrobiologiia 30 no. 1 35-40 Ja-F '61.

LACTONES
Production of oxalactones and their characteristics. N. P. Solov'eva and others. Masl.-zhir. prom. 27 no. 5 34-36 My '61.

LADZHANURI HYDROELECTRIC POWER STATION
Equipment for the underground pressure station of the Ladzhanuri Hydroelectric Power Station. N. V. Polosin, N. A. Makarevich. Gidr. stroi. 31 no. 4 8-13 Ap '61.

LAGERLÖF, SELMA OTTILIANA LOVISA, 1858-1940
"The saga of Gösta Berling" by Selma Lagerlöf. Reviewed by D. Aleksandrov. Inostr. lit. no. 3 270-271 Mr '60.

LAGOCHILUS
Comparative investigation of infusions from the Zeravshan, tomentous, and inclusions varieties of Lagochilus, in blood coagulability in dogs T. R. Abdurakhmanov Med. zhur. Uzb. no. 1 72-74 Mr '61

LAKSK DISTRICT (DAGHESTAN)—GOITER
Endemic goiter in the Laksk District of the Daghestan A. S. S. R. S. TS. Shtanchaev. Fel'd. i akush. 26 no. 5 46-48 My '61.

LAMB (MEAT)—COSTS see subdivision under Kazakhstan

LAMBS
Specific features of the development of ovaries in newborn Romanov ewe lambs E. F. Polikarpova, M. V. Nevzgodina Dokl. AN SSSR 136 no. 5:1252-1255 F '61

LAMELLIBRANCHIATA, FOSSIL see subdivision under Ukraine

LAMINAR FLOW
Heat exchange in a laminar boundary layer of fluid flow around a thin plate with internal heat sources [with summary in English]. T. L. Perel'man. Inzh.-fiz. zhur. 4 no. 5 54-61 My '61

Heat transfer in a laminar flow in a tube [with summary in English]. T. L. Perel'man. Inzh.-fiz. zhur. 4 no. 4:43-48 Ap '61.

Self-similar solutions of equations of laminary boundary layers in magnetohydrodynamics N. I. Pol'skii, I. T. Shvets Dokl. AN SSSR 136 no. 5:1051-1054 F '61.

Temperature distribution around a rotating thermally insulated disc [with summary in English]. L. A. Dorfman Inzh.-fiz. zhur. 4 no. 5 38-43 My '61

Transonic laminar gas flows with specific points on the sonic line S. V. Fal'kovich Prikl. mat. i mekh. 25 no. 2 216-228 Mr-Ap '61

LAMINATED METALS—METALLOGRAPHY
Carbon migration in bimetal and welded dissimilar steel joints. I. N. Gerasimenko. Fiz. met. i metalloved. 9 no. 4 520-524 Ap '60.

LAND SETTLEMENT see subdivision under Moldavia

LAND TENURE
(see also subdivision under Balkh; Daghestan; France, Georgia; Komi A. S. S. R.; Ryazan Government, Turkey)
"The early stage of socialist reforms in rural areas during the first years of Soviet rule." Reviewed by IU. V. Fulin. Ist. SSSR 5 no. 2 188-189 Mr-Ap '61
The Third Inter-Republic Symposium on the Agrarian History of Eastern Europe. I. V. Ledovskaia Ist. SSSR 5 no. 2:226-230 Mr-Ap '61

LANDES—RECLAMATION OF LAND
Studies made by P. V. Ototskii in the Landes region of France G. F. Basov. Izv. vys. ucheb. zav., les. zhur. 3 no. 1 168-169 '60

LANDFORMS
(see also subdivision under Bolva Valley; Moscow Province, Zhizdra Valley)
Some supplements and more precise definitions in the field of landform morphology N. A. Solntsev Vest. Mosk. un. Ser. 5 Geog. 16 no. 3 53-57 My-Je '61
LANDOR, WALTER SAVAGE, 1775-1864
Shakespeare in Landor's tale. T. Vasil'eva. Uch. zap. Kish. un. 37:53-69 '59.

LANDSCAPE ARCHITECTURE
(see also subdivision under Moscow)
Greenery for department stores. P. Mavreshko. Sov. potreb. koop. 4 no. 4:43 Ap '60.
Role of landscaping in building transportation arteries. N. N. Bocharova. Gor. khoz. Mosk. 35 no. 4:13-14 Ap '61.
The store begins with its approaches. M. Balikhin. Sov. potreb. koop. 4 no. 4:38-43 Ap '60.

LANDSCAPE GARDENING
(see also subdivision under Moscow; Vienna)
Using landscaped plantings in new housing blocks. V. S. Grokhol'skaia. Gor. khoz. Mosk. 35 no. 4:24-26 Ap '61

LANDSLIDES
Control of landslides on mountain roads. I. V. Korzhenevskii and others. Avt. dor. 24 no. 4:13-15 Ap '61.
Effect of subterranean waters and erosion or abrasion on landslides occurring on natural slopes. E. P. Emel'ianova. Vop. gidrogeol. i inzh. geol. no. 18:66-82 '59.

LANGITE
New data on langite. A. I. Komkov, E. I. Nefedov. Biul. VSEGEI no. 1:157-161 '58.

LANGUAGE AND LANGUAGES
Discussion of the problem of structural methods in linguistics and on mathematical and applied linguistics. B. V. Gornung Izv. AN SSSR. Otd. lit. i iaz. 19 no. 1: 60-62 Ja-F '60.

Does the study of causal relations fall within the scope of historical linguistics? [with summary in English] M. I. Steblin-Kamenskii Vest. LGU 16 no. 8 121-124 '61
Ontology and the symbol of language A. G. Volkov Vest. Mosk. un. Ser. 7 filol., zhur. 16 no. 1:83-84 Ja-F '61
Remarks on the "Introduction" to "Theoretical problems of linguistics." Arn. Chikobava Izv. AN SSSR Otd. lit. i iaz. 19 no. 1 63-71 Ja-F '60
The report "Theoretical problems of linguistics." S. K. Shchaumian. Izv. AN SSSR Otd. lit. i iaz. 19 no. 1 71-74 Ja-F '60.
Works on the structural analysis of language; a resolution of the Bureau of the Department of Literature and Languages dated July 7-8, 1959 Izv. AN SSSR Otd. lit. i iaz. 19 no. 1 74-77 Ja-F '60

LANGUAGE AND LANGUAGES—AUDIO-VISUAL AIDS
The role of the tape recorder in teaching a foreign language. T. K. L'vova Vop. iaz. i lit. no. 2:102-111 '60.

LANGUAGES—PHILOSOPHY
V. I. Lenin's philosophical ideas and the development of present-day philology. S. K. Shaumian. Krat. soob. Inst. slav. no. 31:69-76 '61.

LANGUAGES, MODERN—STUDY AND TEACHING
What is it? Ilin tekh. 5 no. 5:71-72 My '61

LANTERN SLIDES
Open the road to color slides. V. Strocva. Sov. foto 21 no. 5:23 My '61.

LANTHANUM OXIDE
Rare earth silicates Report No. 4: New silicates in the La_2O_3 - SiO_2 system N. A. Toropov, I. A. Bondar' Izv. AN SSSR Otd. khim. nauk no. 5:739-744 My '61

LANTHANUM SULFIDE
Vacuum thermal method of preparing cerium and lanthanum monosulfides. S. V. Radzikovskaia, G. V. Samsonov. Zhur. prikl. khim. 34 no. 3 671-672 Mr '61.

LAO-SHÊ, pseud. see Shu, Ch'ing-Ch'un, 1898-

LAOS
At the conference in Geneva. Vadim Listov. Nov. vrem. 19 no. 22:3-4 My '61.
Conference at Geneva. Vadim Listov. Nov. vrem. 19 no. 21:6-8 My '61.
Evian again. Nov. vrem. 19 no. 21:3 My '61.
Month in Geneva. Vadim Listov. Nov. vrem. 19 no. 25: 3-4 Je '61.

LAOS—POLITICS AND GOVERNMENT
The Laos talks. Nov. vrem. 19 no. 23:2 Je '61.

LAPLACE TRANSFORMATION
Numerical inversion of Laplace transforms [with summary in English]. V. I. Krylov, N. S. Skoblia. Inzh.-fiz. zhur. 4 no. 4:85-101 Ap '61.

LARCENY
Some problems concerning the investigation of thefts in the produce trade. E. D. Kuranova. Sov. kr. im. na sluzh. sled. no. 14 3-45 '61.

LARCH
(see also subdivision under Aldan Valley, Mukachevo District)
Dynamics of girth increment in Scotch pine and Siberian larch N. I. Fedorov. Izv. vys. ucheb. zav., les. zhur. 3 no. 1 38-42 '60.
Effect of ultrasonic waves on the germin[illegible] larch seeds. N. T. Kochkar'. Les. khoz. 38-39 Je '61.
Experience in tapping the Siberian larch V. F. Bedenko. Gidroliz. i lesokhim. 13-14 '61.
Inclusion of larch in torpentining. G. Gidroliz. i lesokhim. prom. 14 no.
Structure and properties of the wood and scotch pine. N. I. Fedorov. Sb. otd. VBO no. 1:154-157 '59.
Structure of larch wood depending on V. P. Levchenko. Visnyk sil'hosp. i Ap '61.
Water extractives from larch wood. M. K. IUr'eva. Izv. vys. ucheb. zav. 148-151 '60

LARCH—DISEASES AND PESTS see Yakutia

LARCH—WATER REQUIREMENTS
Certain aspects of the soil moisture larch and spruce plantations on sli soils M. V. Vaichis Trudy Lab. '60.

LARVAE—AMPHIBIA see subdivision Daghestan

LARVAE—INSECTS
Changes in the amino acid composition of tissue proteins during larval development of the Chinese tussah moth [with summary in English] IU. B. Filippovich Biokhimiia 25 no. 6 1065-1071 N-D '60
Diagnostic characters of larvae in some flea species of the genus Ceratophyllus [with summary in English] A. N. Alekseev Zool. zhur. 40 no. 5 778-779 '61
Larva of Cyphogenia aurita Pall. (Tenebrionidae, Coleoptera) [with summary in English] S. I. Belelinskova Zool. zhur. 40 no. 5:778-777 '61
Morphological characteristics of sexually immature stages in ticks of the genus Dermacentor in the European part of the U. S. S. R. Report No. 1 Larvae [with summary in English]. Chiang Tsai-chieh. [Jiang Tsai-tsze] Vest. LGU 16 no. 9 84-90 '61.
A new larval form of Cryptochironomus serpaceus sp. n. (Diptera, Tendipedidae) [with summary in English] M. I. Kiripichenko Zool. zhur. 40 no. 5 780-781 '61
Specific features of the cuticle of aquatic larvae of insects as related to their conditions of life [with summary in English]. L. M. Semenova, A. N. Rodionova. Zhur. ob. biol. 22 no. 2 128-135 Mr-Ap '61.

LARYNX
Age-related changes in the histological structure of the laryngeal thyroid cartilage in man [with summary in English] S. R. Zeligman Arkh. anat. gist. i embr. 40 no. 3 83-87 Mr '61
Lymph drainage pathways from the larynx into the retropharyngeal lymph nodes [with summary in English] IU. N. Andriushin Arkh. anat. gist. i embr. 40 no. 3 70-72 Mr '61

LARYNX—CANCER
Cancer of the larynx in pulmonary tuberculosis I. S. Gendel'man-Binshtok Probl. tub. 39 no. 3:102-104 '61
Changes in arterial pressure in patients with laryngeal cancer in operations on the neck under potentiated local anesthesia. M. I. Svetlikov, A. A. Kravchenko, V. I. Karpukhin. Akt. vop. obez. bol. no. 2:182-194 '59.

LARYNX—DISEASES
Actinomycosis of the larynx [with summary in English]. N. A. Preobrazhenskii. Vest. otorin. 22 no. 1:52-55 Ja-F '60

LARYNX—FOREIGN BODIES
Protracted presence of a foreign body in the subligamental space of a 6-month-old child. V. S. Pogosov. Vest. otorin. 22 no. 1 93 Ja-F '60.

LARYNX—SURGERY
Experimental study of the wound healing process following laryngectomy [with summary in English]. Sh. G. Tkemaladze. Vest. otorin. 22 no. 1 55-59 Ja-F '60.
Influence of laryngectomy on pulmonary reception [with summary in English]. L. I. TSukerberg. Vest. otorin. 22 no. 1 48-51 Ja-F '60.
Method of forming a pseudovoice in persons with an extirpated larynx [with summary in English]. S. L. Taptapova. Vest. otorin. 22 no. 1 60-64 Ja-F '60.

LARYNX—WOUNDS AND INJURIES
Rare case of laryngeal injury. D. I. Kashirina. Zhur. ush., nos. i gorl. bol. 20 no. 1:70 Ja-F '60.

LATEX
Coating films for chrome leather made from carboxyl-containing latexes. N. I. Egorkin, M. P. Sirenko. Kozh.-obuv. prom. 2 no. 3:28-29 Mr '60.
Economic advantages of manufacturing oilcloth with a latex coating A. R. Narinskaia and others Kozh.-

LATHES—NUMERICAL CONTROL

Automatic program-controlled turret lathe. P. P. Tarasinkevich, M. G. Mosenkis, Iu. A. Savtsov. Stan i instr., 32 no.5:6-13 My '61

LATHES—STANDARDS

Types and dimension series of automatic lathes. V. A. Kokorev, Iu. V. Kurenkov. Standartizatsiia 25 no. 5:13-15 My '61

LATHES—TESTING

Experimental investigation of transient processes in a machine tool with a separated drive. M. K. Klebanov, Iu. M. Andrushevich. Izv. vys. uchеb. zav., mashinostr., no. 1 109-114 '60

LATIN AMERICA—CATHOLIC CHURCH

The Catholic Church and the Wars of Independence in Spanish America [with summary in English, p 173]. N. R. Lavretskii. Nov. i noveish. ist. no. 3 70-81 '61

LATIN AMERICA—FOREIGN RELATIONS—UNITED STATES

Bankruptcy of the U. S. A.'s Latin American policy. Trinidad Martillo. Mezhdunar. zhizn' 8 no. 6:20-28 Je '61.

International policeman. Mezhdunar. zhizn' 8 no. 6:151-153 Je '61

LATIN AMERICA—POLITICS

Unity is a guarantee of success. Sov. profsoiuzy 17 no. 11:30-32 Je '61.

LATIN AMERICA—WARS OF INDEPENDENCE, 1808-1830

The Catholic Church and the Wars of Independence in Spanish America [with summary in English, p 173]. N. R. Lavretskii. Nov. i noveish. ist. no. 3 70-81 '61

LATIN AMERICAN LITERATURE—HISTORY AND CRITICISM

Ospovat, L. S. [Latin America speaks; on the contemporary Latin-American novel] Govorit Latinskaia Amerika; o sovremennom latinoamerikanskom romane. Moskva, Izd-vo "Znanie," 1961. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6, Literatura i iskusstvo, no. 9)

LATIN LANGUAGE—GRAMMAR

Akademiia nauk SSSR, Moldavskii filial, Institut istorii, iazyka i literatury. [Studies in the field of Latin and Romance linguistics] Issledovaniia v oblasti latinskogo i romanskogo iazykoznaniia. Kishinev, Izd-vo "Shtiintsa" Moldavskogo filiala Akad. nauk SSSR, 1961. 401 p.

LATIN LANGUAGE—SYNTAX

Studies on the syntactic structure of sentences in Terence's comedies. N. P. Pidova. Uch. zap. LGU no. 299: 123-132 '61

LATIN LITERATURE—HISTORY AND CRITICISM

"History of Roman Literature," Vol. 1. Reviewed by A. Ch. Kozarzhevskii. Vest. drev. ist. no. 1:145-150 '61.

LATITUDES—MEASUREMENT

Determining elevation points of a locality by the simplest methods and instruments. K. D. Sentiukhin. Uch. zap. Stal. gos. ped. inst. no. 21:99-106 '59.

LATTICE THEORY

Recombination in silicon alloyed with gallium, indium, and antimony. IA. E. Pokrovskii, K. I. Svistunova. Fiz. [illegible] 31.

LATVIA—EFFICIENCY, INDUSTRIAL

Fight against losses; use reserves. N. Karpov. Komsom. zhizn' no. 9:11-14 My '61.

LATVIA—GOITER

Incidence, geography, and pathogenesis of goiter in Latvia. S. P. Il'inskii. Probl. endok. i gorm. 7 no. 2 89-94 Mr-Ap '61.

LATVIA—HIGHWAY TRANSPORT WORKERS

Transition to new wage payment systems. T. Drizina. Avt. transp. 39 no. 5:40-41 My '61.

LATVIA—JOURNALISM

For the good of the Soviet people. A. IA. Pel'she. Sov. pech. no. 4:20-21 Ap '61.

LATVIA—LIBRARIES

"Transactions of the Fundamental Library of the Academy of Sciences of the Latvian S. S. R." Reviewed by R. B. Mil'kina. Sov. bibl. no. 2:91-92 '61.

LATVIA—MEDICINE

History of the development of medical science in Soviet Latvia. F. F. Grigorash. Sov. zdrav. 20 no. 4:16-21 '61.

LATVIA—MINERALS IN SOIL

Trace elements (cobalt, copper, zinc, molybdenum) in soils of the Latvian S. S. R. J. Peive. Trudy Biogeokhim. lab. no. 11:43-59 '60.

LATVIA—NEWSPAPER AND PERIODICAL CIRCULATION

Promotional trip on the roads of Latvia. IA. Fisher. Raspr. pech. no. 1:16-17 Ja '61.

LATVIA—PHOTOGRAPHY—EXHIBITIONS

Remarkable event in our cultural life. L. Ivert. Sov. foto 21 no. 5:17-18 My '61.

LATVIA—PINE

Grafting pine in Latvian forest working circles. J. J. Gailis. Les. khoz. 14 no. 6:63-64 Je '61.

LATVIA—PLANTS—CHEMICAL ANALYSIS

Trace element concentrations in plants of the Latvian S. S. R. K. Bambergs. Trudy Biogeokhim. lab. no. 11: 60-64 '60.

LATVIA—RADIO IN AGRICULTURE

New developments after the session of the Congress. B. Girshfel'd. Sov. radio i tel. 8 no. 1:5 '59.

LATVIA—TECHNICAL SOCIETIES

Centralizing the bookkeeping. A. Sarma. NTO 2 no. 5, 58 My '60

LAUNDRY

Indelible pigment for marking linen in laundries. G. Kovalenko. Zhil.-kom. khoz. 11 no. 2:10 F '61.

LAVA

Vector diagram of the chemical composition of tektites and lavas. L. G. Kvasha, G. S. Gorshkov. Meteoritika no. 20:193-203 '61.

LAVRENEV, BORIS ANDREEVICH, 1891-1959

B. Lavrenev's initial plays. L. M. I's'kova. Uch. zap. MGPI 97:265-277 '59.

LAW

(see also subdivision under Ukraine)

Enactment of new laws in the Union Republics. F. Kalinychev. Sov. deput. trud. no. 6:21-26 Je '61.

Unfortunate mistakes in a useful book ("Answering our readers' questions." Reviewed by G. IAmenfel'd) Sov. iust. no. 11:25 Je '61.

LAW—CASES

(see also subdivision under Ukraine)

Decisions of the plenum of the Supreme Court of the U. S. S. R. in individual cases. Biul. Verkh. Suda no. 2:1-16 '60.

How the public prosecutors of the U. S. S. R. supervise the observance of laws. Sots. zakon. 37 no. 4:85-89 Ap '60.

How the public prosecutors of the U. S. S. R. supervise the observance of laws. Sots. zakon. 30 no. 6:88-90 Je '61.

Index to judicial practice of the Supreme Court of the U. S. S. R. in the field of banking law. Biul. Verkh. Suda no. 2:46 '60.

Index to judicial practice of the Supreme Court of the U. S. S. R. in the field of collective farm law. Biul. Verkh. Suda no. 2:44-46 '60.

Index to judicial practice of the Supreme Court of the U. S. S. R. in the field of copyright and patent law. Biul. Verkh. Suda no. 2:47 '60.

Index to the judicial practice of the Supreme Court of the U. S. S. R. in the field of family and marriage law. Biul. Verkh. Suda no. 2:38-44 '60.

Judicial practice. Sots. zakon. 37 no. 4:84 Ap '60.

Judicial practice. Sots. zakon. 30 no. 6:87 Je '61.

Judicial practice. Sov. iust. no. 4:82-92 Ap '60.

Judicial practice. Sov. iust. no. 10:26-30 My '61.

Judicial practice. Sov. iust. no. 11:27-31 Je '61.

Rulings of the Judicial Collegium for Civil Cases of the Supreme Court of the U. S. S. R. Biul. Verkh. Suda no. 2:17-18 '60.

Rulings of the Judicial Collegium for Criminal Offenses of the Supreme Court of the U. S. S. R. Biul. Verkh. Suda no. 2 20-24 '60

LAW—CURIOSA AND MISCELLANY

Trial of a dead man. V. Shtriker. Sots. zakon. 37 no. 4 63 Ap '60

LAW—PERIODICALS

A conference of our readers. Sov. iust. no. 4:66 Ap '60.

From the editor. Vest. Mosk. un. Ser. 10: Pravo 15 no. 1:3 '60.

LAW—SOURCES

Akademiia nauk SSSR. Institut slavianovedeniia. [The abridged version of "Legal rules for people"] Zakon Sudnyi liudom; kratkoi redaktsii. Podgotovili k pechati M. N. Tekhomirov, L. V. Milov. Pod red. M. N. Tikhomirova. Moskva, Izd-vo Akad. nauk SSSR, 1961. 177 p.

Apropos of the publications of the legislative enactments of the second half of the 16th century. R. B. Miuller. Probl. istoch. no. 9 333-340 '61

"The monuments of Russian law," Vol. 6. Reviewed by I. P. Serebriakova. Vest. Mosk. un. Ser. 10 Pravo 15 no. 1 71-72 '60.

LAW—STUDY AND TEACHING

Legal information in Chernovtsy Province. M. Hrushets'kyi. Rad. pravo no. 3:109-111 My-Je '61.

Let's develop and improve contacts between theoretical studies and practical work. B. Korsakov. Sots. zakon. 38 no. 6 66-67 Je '61.

Popular "universities of jurisprudence." V. Semenov, V. IAkushev. Sov. iust. no. 4 14-17 Ap '60

We study Soviet law. B. Shapovalov. Sots. zakon. 30 no. 6 63 Je '61.

We study Soviet law. V. Bakirov. Sots. zakon. 38 no. 6 63 Je '61

The week of explanation of Soviet laws. S. Flikei. Sov. iust. no. 10 19 My '61

LAW, ANCIENT

Rozin, E. L. [The state and law in the slaveholding period] Rabovladel'cheskoe gosudarstvo i pravo. Moskva, Vses. iurid. zaochnyi in-t, 1960. 32 p.

LAW AND ETHICS

Correlation of communist ethics and Soviet law. V. Tenenbaum. Polit. samoobr. 5 no. 6 32-39 Je '61.

LAWNS

IAblonskii, S. I. [How to make a lawn from annual flowering plants] Kak ustroit' gazon iz odnoletnikh tsvetushchikh rastenii. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1960. 26 p. (DA)

LAZAREV REGION, ANTARCTICA—GRAVIMETRY

Gravimetric investigation of the relief under ice in the region of the Lazarev Station. A. I. Frolov, E. D. Kotlyakin. Inform. biul. Sov. antark. eksp. no. 23 33-36 '60

LAZAREV REGION, ANTARCTICA—PENGUINS

A new emperor penguin colony. V. G. Ledenev. Inform. biul. Sov. antark. eksp. no. 23 47-48 '60

LAZAREV SHELF ICE—METEOROLOGY

Summer on the Lazarev Shelf Ice. G. A. Khlopushin. Inform. biul. Sov. antark. eksp. no. 22 58-60 '60

LAZAREV SHELF ICE—SALINE WATERS

Brine in the Lazarev Shelf Ice. L. I. Dubrovin. Inform. biul. Sov. antark. eksp. no. 22 15-16 '60

LAZAREV STATION, ANTARCTICA—ICE

Ice foundation. IU. A. Kruchinin. Inform. biul. Sov. antark. eksp. no. 24 63-64 '60.

LAZAREV STATION, ANTARCTICA—MAGNETISM, TERRESTRIAL

Nature of geomagnetic activity at the Lazarev Station according to the observations of 1959. V. S. Shneer. Inform. biul. Sov. antark. eksp. no. 22 51-52 '60.

LEACHING

Hydrometallurgical process for the treatment of a concentrated iron-nickel alloy. G. O. Kasherininov. TSvet. met. 34 no. 5 25-29 My '61.

Recovery of lead from its minerals by sodium hydroxide solutions. E. I. Sokolova. Trudy Inst. met. no. 4:89-95 '60.

LEAD

Electrodiffusion in dilute solutions of lead and mercury in metallic potassium [with summary in English]. S. I. Drakin, IU. K. Golubkova, E. P. Ushakova. Zhur. fiz. khim. 34 no. 4:866-871 Ap '60.

Lead and zinc in cupriferous sandstones of Perm Province. IU. A. Nechaev. Geokhimiia no. 5:453-454 '61.

Lead content of soils and foodstuffs. E. N. Borisova. Trudy Biogeokhim. lab. no. 11:221-223 '60.

Pb and Zn in alkali rocks and some petrological problems [with summary in English]. B. I. Zlobin, M. S. Gorshkova. Geokhimiia no. 4:283-292 '61.

Recovery of lead from its minerals by sodium hydroxide solutions. E. I. Sokolova. Trudy Inst. met. no. 4: 89-93 '60.

Thermodynamic properties of liquid metallic solutions. The system potassium - lead [with summary in English]. M. F. Lantratov. Zhur. fiz. khim. 34 no. 4:782-788 Ap '60.

Uranium and lead in tektites. I. E. Starik and others. Meteoritika no. 20:204-207 '61.

LEAD—ANALYSIS

Determination of small concentrations of lead and tetraethyl lead in the air and in other media during hygienic investigations (in connection with the leading of gasoline). V. A. Khrustaleva. Gig. i san. 25 no. 3 57-60 Mr '60

Determination of the ultramicroimpurities of zinc, lead, and copper in high purity tin by amalgam polarography. A. G. Stromberg and others. Zav. lab. 27 no. 5:517-521 '61.

LEAD – ANALYSIS (Continued)

Determination of the ultrasmall Pb, Cu, and Zn content of alkalies and acids with the aid of amalgam polarography on a stationary mercury drop S I Smirnova, I V. Markova Zav lab 27 no 5:521-525 '61

Gravimetric determination of small amounts of lead by use of a chromous salt solution [with summary in English]. N. T Vasina, Zhur anal khim. 16 no. 2:241-242 Mr-Ap '61.

Polarographic determination of lead in a particularly pure aluminum. E N Vinogradova, I N Vasil'eva, K. Iobst Zav lab 27 no 5 525-527 '61

LEAD—ISOTOPES

Chemical changes taking place during the β-decay of RaD, included in the composition of radical-deficient lead derivatives. V. D. Nefedov and others. Radiokhimiia 3 no. 2 225-228 '61.

Isotopic constitution of lead in iron meteorites. I. E. Starik and others. Meteoritika no. 20:103-113 '61.

LEAD—METALLURGY

Kinetics of the simultaneous reduction of lead and zinc oxides by means of carbon oxide. IU V TSvetkov, D. M. Chizhikov. Trudy Inst met no 4 81-88 '60

Shaft furnace lead smelting and its further improvement N N Kubyshev TSvet met 34 no 5 18-24 My '61.

Sinter roasting of lead concentrates in foreign countries F. M Loskutov, IU V. Orlovtsev TSvet met 34 no 5 85-95 My '61

LEAD ALLOYS—THERMAL PROPERTIES

Investigating the heat capacity and melting point of lead alloys [with summary in English]. V. A. Kogan, V. E. Liusternik. Inzh.-fiz. zhur. 4 no. 4:105-108 Ap '61.

LEAD COMPOUNDS

Chemical changes taking place during the β-decay of RaD, included in the composition of radical-deficient lead derivatives. V. D. Nefedov and others. Radiokhimiia 3 no. 2:225-228 '61.

Triethyllead oxide. IU. A Aleksandrov, T. G. Brilkina, V. A Shushunov. Dokl AN SSSR 136 no 1:89-92 Ja '61

LEAD INDUSTRY see subdivision under Ust'-Kamenogorsk

LEAD ORES see subdivision under Poland

LEAD ORGANIC COMPOUNDS

Polymerization under pressure of α-methylstyrenes substituted at the nucleus Part 7. α-Methylstyrene containing Sn, Pb, and Ge [with summary in English] A. M. Polikova, V V Korshak, E S Tamboviseva Vysokom soed. 3 no 5:662-663 My '61.

LEAD POISONING

Blood picture in lead poisoning. A. T. Aldanazarov, V. S. Nikulicheva, B. A. Atchabarov. Trudy Inst. kraev. pat. AN Kazakh. SSR 8:143-150 '60.

Capillaries in patients with lead intoxication. B. A. Atchabarov, Sh. S. Sabdenova, A. G. Adyrkhaev. Trudy Inst. kraev. pat. AN Kazakh. SSR 8 167-173 '60.

Carbohydrate function of the liver in chronic lead intoxication. M. K. Kairakbaev. Trudy Inst. kraev. pat. AN Kazakh. SSR 8:178-186 '60.

Case of death from lead poisoning. S. A. Pelsakh, Sh. M. Kadyrbaeva. Trudy Inst. kraev. pat. AN Kazakh. SSR 8:227-234 '60.

Clinical aspects of lead colic. B. A. Atchabarov, N. G. Prikhodchenko. Trudy Inst. kraev. pat. AN Kazakh. SSR 8:211-226 '60.

Condition of the heart in lead industry workers as revealed by electrocardiographic data. B. A. Atchabarov, A. G. Adyrkhaev. Trudy Inst. kraev. pat. AN Kazakh. SSR 8:159-166 '60.

Effect of lead on male and female sexual function. G. I. Tarabaeva. Trudy Inst. kraev. pat. AN Kazakh. SSR 8 101-117 '60.

Gastralgia as one of the early forms of exacerbation in lead intoxication. N. G. Prikhodchenko, B. A. Atchabarov. Trudy Inst. kraev. pat. AN Kazakh. SSR 8:200-210 '60.

Influence of high temperature on the development of experimental lead poisoning. A. A. Romakhov. Trudy Inst. kraev. pat. AN Kazakh. SSR 8:69-74 '60.

Influence of typological peculiarities of the higher nervous activity and of other nonspecific factors on the rise of lead intoxication. B. A. Atchabarov, N. P. Shestakova Trudy Inst. kraev. pat. AN Kazakh. SSR 8:124-129 '60.

Influence of vitamin B_{12} and folic acid on the appearance and development of lead intoxication in experimental animals. A. T. Aldanazarov, Sh. S. Sabdenova. Trudy Inst. kraev. pat. AN Kazakh. SSR 8:62-68 '60.

Interoceptive reflexes in lead intoxication. Preliminary report. A. A. Mambeeva. Trudy Inst. kraev. pat. AN Kazakh. SSR 8:75-83 '60.

Level of lead and hematoporphyrin in the urine of lead industry workers in relation to the degree of poisoning. A. T. Aldanazarov, B. A. Atchabarov. Trudy Inst. kraev. pat. AN Kazakh. SSR 8:151-158 '60.

Pathogenesis of lead colic. B. A. Atchbarov. Trudy Inst. kraev. pat. AN Kazakh. SSR 8:235-245 '60.

Pathomorphological changes in the gastrointestinal tract in lead poisoning. Kh. M. Kadyrbaeva. Trudy Inst. kraev. pat. AN Kazakh. SSR 8 96-100 '60.

Pathomorphology of lead intoxication. Kh. M. Kadyrbaeva. Trudy Inst. kraev. pat. AN Kazakh SSR 8:81-95 '60.

Prothrombin function of the liver in lead intoxication. M. K. Kairakbaev. Trudy Inst. kraev. pat. AN Kazakh. SSR 8 187-192 '60.

Results of a study of lead contamination of the hands of workers with ethylated gasoline. I. I. Brekhman, V. A Matukhin, N. K. Fruentov. Gig i san. 25 no 7 97-98 Jl '60

Role of ascorbic acid and cysteine in disintoxication of the organism in lead poisoning [with summary in English] G. A Uzbekov Vop med khim 6 no 2 183-187 Mr-Ap '60

Static tremor of the hands in saturnism. B. A. Atchabarov, V. S. Nikulicheva, E. A. Kliuchnikova. Trudy Inst. kraev. pat. AN Kazakh. SSR 8 130-142 '60.

Study of the higher nervous activity in patients with chronic lead poisoning as revealed by material from the Alma-Arasan Health Resort. M. I. Stychinskaia. Trudy Inst. kraev. pat. AN Kazakh. SSR 8:118-123 '60.

Treatment of anemias caused by lead with vitamin B_{12} in a compound with folic acid. Preliminary report. Sh. S. Sabdenova, A. T. Aldanazarov. Trudy Inst. kraev. pat. AN Kazakh. SSR 8:193-199 '60.

Venous pressure in lead intoxication. Sh. S. Sabdenova. Trudy Inst. kraev. pat. AN Kazakh. SSR 8:174-177 '60.

LEAD SULFIDE

Reaction of lead sulfide with sulfur dioxide. V. V Paduchev, V. V. Toporova, N. P. Diev. Zhur. prikl. khim. 34 no. 3 676-679 Mr '61

LEAD TITANATE

X-ray and electric investigation of solid solutions in the system $PbTiO_3$ - $SrSnO_3$. S. A. Fedulov and others. Fiz. tver. tela 3 no 3 959-963 Mr '61.

LEAD TITANYL OXALATE

Preparation and thermographic study of barium, lead and strontium titanyl oxalates. B. V. Strizhkov, A V. Lapitskii, L. G. Vlasov. Zhur. prikl khim. 34 no. 3 673-674 Mr '61.

LEAF BEETLES see subdivision under Maritime Territory

LEAF BUGS see subdivision under Samarkand Province

LEAF-SPOT

Bacterial leaf spot of sorghum, Sudan grass, and millet. I. V Vorobkevich, E. Sh. Fakhrutdinova Nauch dokl vys shkoly; biol nauki no 2:101-107 '61

LEASES

Special features of the termination of some forms of leases. V Zamiatin Sots zakon 37 no 4 24-26 Ap '60

LEATHER

Coating films for chrome leather made from carboxyl-containing latexes. N. I. Egorkin, M. P. Shenko. Kozh.-obuv. prom. 2 no. 3:28-29 Mr '60.

Dyeing and finishing of leather. V I Eliseeva, E V Kuz'minn, T A. Larkina Nauch -issl trudy TSNIKP no 30 91-100 '59

Effect of tanning on the topographic changes in the wear index of sole leather. G. I. Kutianin, K. G. Karimov. Kozh.-obuv. prom. 3 no. 4:17-19 Ap '61.

Improving the wearing properties of chrome tanned sole leather I E. Vaisberg Nauch.-issl. trudy TSNIKP no. 30 87-91 '59

Information. Kozh.-obuv. prom. 3 no. 1 42 Ja '61.

Liming. G R Vol'pert Nauch.-issl. trudy TSNIKP no. 30, 52-59 '59.

New ways for solving problems in curing raw leather. N. V. Komissarova, T. S. TSykhanskii. Kozh.-obuv. prom. 2 no. 3:4-6 Mr '60.

Properties of chrome sole leather processed with synthetic fatty acids. N. K. Pletukhina, A. A. Golovteeva. Kozh.-obuv. prom. 2 no. 3:16-20 Mr '60.

Refining of low-grade cow hides for footwear uppers. E. IA. Popov, I. M. Tagirov. Kozh.-obuv. prom. 3 no. 4:33-34 Ap '61.

Resistance of leather to wear, as related to its resistance to heat. G. I Kutianin, K. G. Karimov. Dokl AN SSSR 138 no. 3:625-627 My '61

Response to the article "Improving the conservation of raw leather." B. E Khatset. Kozh.-obuv. prom 3 no. 1:40-41 Ja '61.

Shortening the soaking time of raw leather. V. A. Kut'in Nauch.-issl trudy TSNIKP no. 30 48-51 '59.

Urgent problems in connection with the improvement of the quality of raw leather. M B. Sokolovskii, G. I Nikiforov. Kozh.-obuv. prom. 3 no. 1:3-6 Ja '61

Use of ferments for the depilation of hides and skins and the softening of raw leather. A. I. Metelkin, V G. Babakina. Nauch.-issl. trudy TSNIKP no. 30:59-64 '59.

Using the right method for curing raw leather is the most important factor for its preservation. E. G. Fel'dser. Kozh.-obuv. prom. 2 no. 3:6-7 Mr '60.

Ways of improving the quality of chrome pigskin leather. K. G Gol'braikh Kozh -obuv. prom. 2 no. 3:20-22 Mr '60

LEATHER—ANALYSIS

New method for estimating the quality of hides and skins, semiprocessed products, and leather. N A Orekhkov. Izv vys ucheb zav, tekh leg prom no 1 38-42 '60

LEATHER—DRYING

Theory and practice of leather drying IU L Kavkazov Nauch -issl. trudy TSNIKP no. 30 100-107 '59

LEATHER—PERMEABILITY

Effect of tanning and impregnation methods on the permeability of leather to moisture K M Zurabian, S A Pavlov Izv. vys. ucheb zav., tekh. leg. prom. no 1 60-70 '60

LEATHER—TESTING

Effect of the technological conditions for the basic processing operations on the wear resistance of sole leather A I Metelkin Nauch.-issl trudy TSNIKP no 30 65-87 '59

New method for determining the stiffness degree of leather for footwear bottoms. A. A. Cherniatin. Kozh.-obuv. prom 2 no. 3 26-28 Mr '60.

Use of the power function for rating leather shrinkage. V N TSvetkov Izv vys ucheb zav., tekh. leg. prom no 1 107-115 '60.

LEATHER, ARTIFICIAL

Alkali sulfate lignin as filler for artificial leather B D Bogomolov and others Izv vys ucheb zav., les zhur 3 no 1 141-147 '60

Ways of improving the external appearance of artificial leather made from ilk fibers. A. D. Zalonchkovskii, M. Kh. Bernshtein, IA. M. IAbko. Kozh.-obuv prom 3 no 1 20-23 Ja '61.

LEATHER INDUSTRY

(see also subdivision under Georgia; Leningrad; Lithuania, Ostashkov)

Automatic control and regulation in leather manufacture M A. Berliner. Nauch.-issl trudy TSNIKP no. 30 115-120 '59

Central Scientific and Technical Institute of the Leather and Footwear Industry as a scientific center for the technological reorganization of the Soviet shoe and leather industry A N Mikhailov Nauch -issl trudy TSNIKP no. 30 3-13 '59

Improving the quality of hides and skins and the utilization of raw leather resources M S. Luksemburg. Nauch -issl trudy TSNIKP no. 30 13-27 '59.

Industrial potentials to be utilized for the achievement of the seven-year plan (to be continued) B. D. Braev. Kozh.-obuv. prom. 2 no. 3:1-3 Mr '60.

Means of increasing the labor productivity of analysis in industrial laboratories. A. Smolovik. Kozh.-obuv. prom. 3 no. 4:37 Ap '61.

LEATHER INDUSTRY—BIBLIOGRAPHY see Bibliography—Leather industry

LEATHER INDUSTRY—DICTIONARIES

Shapiro, A. E., and M. L. Polterovich, comps. [German-Russian dictionary for leather and shoe industry] Nemetsko-russkii slovar' po kozhevennoi i obuvnoi promyshlennosti. Moskva, Glav. red. inostr. nauchno-tekhn. slovarei Fizmatgiza, 1960. 405 p.

LEATHER INDUSTRY—EQUIPMENT AND SUPPLIES

(see also subdivision under Minsk)

Mechanization and automatization in leather manufacture. I. K. Kvintkevich, E P Levashova Nauch -issl. trudy TSNIKP no 30 107-114 '59

Separator for the separation of hide scrapings from water. R. M. Shor. Kozh.-obuv. prom. 2 no. 3:33 Mr '60.

LEATHER INDUSTRY—QUALITY CONTROL

Chemical analysis in production processes and quality control of finished products in the leather and tanning extract industries. V. L' Voitsekhovskii and others. Nauch.-issl trudy TSNIKP no. 30 120-131 '59.

LEAVES

Fallen leaves. G. L. Romozova. Priroda 50 no. 5:97-99 My '61.

New method for determining the surface area of leaves in gramineous plants [with summary in English]. V. V Anikiev, F. F. Kutuzov. Fiziol rast. 8 no. 3:375-377 '61

Variability in the epidermis of leaves of the camphor tree. A. K. Shakryl. Soob. AN Gruz. SSR 24 no. 1: 73-76 Ja '60.

LEAVES—ANATOMY

Anatomical characteristics of leaf structure in early and late forms of the English oak (Quercus robur L.). V. L Sautin. Sbor. nauch. rab. Bel. otd. VBO no. 1:138-140 '59.

LEAVES—OPTICAL PROPERTIES

Optical properties of plant leaves [with summary in English]. A. F. Kleshnin, I A. Shul'gin, M. I. Verbolova. Bot. zhur. 45 no. 4:492-500 Ap '60.

Optical properties of plant leaves in the ultraviolet region of radiation [with summary in English]. I. A. Shul'gin, A. F. Kleshnin, V. Z. Podol'nyi. Fiziol. rast. 7 no. 2: 141-144 '60.

LEAVES, SHEDDING OF see Defoliation

LEBEDEV, EVGENII ALEKSEEVICH
The poetry and truth of the concept of a character. A. Berlin. Teatr 22 no. 5 116-121 My '61.

LEBEDEV, SERGEI VASIL'EVICH, 1874-1934
"Academician Sergei Vasil'evich Lebedev, his life and scientific activities" by S. R. Serigenko. Nauka i zhizn' 27 no. 1.76 Ap '60.

LEBEDEV-KUMACH, VASILII IVANOVICH, 1898-1949
The songs of V. I. Lebedev-Kumach G. D. Kushchina Uch. zap. MGPI 97 197-252 '59.

LEBEDIN REGION (KURSK MAGNETIC ANOMALY)—MINE DRAINAGE
Testing the SGL photographic deflection measuring device in crooked boreholes V. M. Garmash, P. S. Sorokin. Razved. i okh. nedr. 27 no. 1 17-19 Ap '61.

LEBEDIN DISTRICT—FOREST PROTECTION
We should intensify our struggle against the violation of forest laws V. Skrypnychenko Rad. pravo no. 2 127 Mr-Ap '60.

LECHKHUMI DEPRESSION—GEOLOGY, STRATIGRAPHIC
Oligocene and Miocene in the Lechkhumi Depression E. K. Vakhania Vest. Gos. muz. Gruz. SSR 21-A 111-119 '59.

LECONTE DE LISLE, CHARLES MARIE RENE, 1818-1891
Leconte de Lisle in a new translation ("Verse from four books" by Leconte de Lisle. Reviewed by Ezra Levontin). Inostr. lit. no. 4 260-261 Ap '61.
The real Leconte de Lisle ("Verse from four books" by Leconte de Lisle. Reviewed by IA. Frid). Moskva. 5 no. 4 185-186 '61.

LECTURES AND LECTURING
Valuable aid for lecturers ("Lecture method in the institutions of higher learning" by S. M. Vasilevskii. Reviewed by IU. Pimenov). Nar. obr. no. 5 120 My '61.

LEG—BLOOD SUPPLY
Effectiveness of surgical treatment of varicose veins of the lower extremities from the point of view of remote results. A. F. Khairkhuta. Khirurgiia 37 no. 5 38-42 My '61.
Operative treatment of varicose veins of the lower extremities. N. I. Kolesnikova. Khirurgiia 37 no. 5 43-46 My '61.
Plasticity of the blood vessels of the pelvic extremities in dogs in experimental disorder of efferent blood flow [with summary in English]. A. G. Fedorova. Arkh. anat. gist. i embr. 38 no. 3 84-89 Mr '60.

LEGAL INSTRUMENTS
Moscow. Vsesoiuznyi iuridicheskii zaochnyi institut. [Collected texts and forms of civil law documents, materials for the students of the All-Union Correspondence Institute of Legal Studies] Sbornik tekstov i form grazhdansko-pravovykh dokumentov; uchebnyi material dlia studentov VIUZI. Sost. V. A. Riasentsev. Moskva, 1959. 243 p.

LEGAL RESEARCH see subdivision under Moscow; Ukraine

LEGENDRE'S FUNCTIONS—TABLES, ETC.
Zhurina, M. I., and L. N. Karmazina. [Tables of the Legendre functions $P_{-\frac{1}{2}+i\tau}(x)$] Tablitsy funktsii Lezhandra $P_{-\frac{1}{2}+i\tau}(x)$. Moskva, Izd-vo Akad. nauk SSSR, (Matematicheskie tablitsy)
Vol. 1. 1960. 316 p.

LEGUMES
Effect of the geographical factor on the protein content and composition of pulse seeds M. I. Smirnova-Ikonnikova, E. P. Veselova. Biokhim. zerna no. 5 228-247 '60.

LEGUMES—HARVESTING
Machine for harvesting legumes. V. O. Rad'ko, A. F. Biolov. Mekh. sil'. hosp. 12 no. 6:11-12 Je '61.
Vsesoiuznaia akademiia sel'skokhoziaistvennykh nauk imeni V. I. Lenina. [Mechanized harvesting of pulse crops in the U. S. S. R. and abroad] Mekhanizatsiia uborki zernobobovykh kul'tur v SSSR i za rubezhom. Moskva, Izd-vo M-va sel'. khoz. SSSR, 1960. 190 p. (DA)

LEGUMIN
Use of paper electrophoresis in testing the homogeneity of seed proteins [with summary in English]. IU. IA. Gofman, I. A. Vaintraub. Biokhimiia 25 no. 6 1049-1054 N-D '60.

LEGUMINOSAE
Culture of isolated roots of leguminous plants [with summary in English]. A. I. Avilov. Vest. LGU 16 no. 9:135-136 '61.

LEIPZIG—WOODWORKING MACHINERY—EXHIBITIONS
Woodworking machinery at the Leipzig 1961 Spring Fair. Der. prom. 10 no. 5:31 My '61.

LEMMER, ERNST, 1898-
Pages from the life of Ernst Lemmer, a member of the Bonn Cabinet V. Chernov. Nov. vremi. 19 no. 24:14-17 Je '61.

LEMON see subdivision under Tajikistan

LENGTH MEASUREMENT
Devices for mechanizing the measurement of linear dimensions N. G. Basin. Izm. tekh. no. 5 5-7 My '60.
Reference book on linear measurements. Translated from the German. Reviewed by G. S. Simkin, I. I. Chechik. Izm. tekh. no. 6 61-62 Je '61.
Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 114-56 for checking vertical optical length-measuring instruments] Instruktsiia 114-56 po poverke vertikal'nykh opticheskikh dlinomerov. Izd. ofitsial'noe. Moskva, 1957. 19 p.
Some changes in regulations on testing and using gauge blocks. L. K. Kadak. Izm. tekh. no. 6:1-5 Je '61.

LENIN, VLADIMIR IL'ICH, 1870-1924
About Lenin. Komm. Bel. 34 no. 4:8 Ap '60.
According to Lenin's behests. Trans. i prakt. fiz. kul' 24 no. 4:241-245 '61.
Along the path of Lenin. Sov. torg. 33 no. 4 3-6 Ap '60.
At the barber. G. I. Ivanov Uzbekistan 19 no. 1:23 Ap '60.
At the sources of the culture revolution (Lenin and Soviet culture" by I. S. Smirnov Reviewed by V. T. Ermakov) Sov. pedag. 25 no. 4 138-141 Ap '61.
At the sources of the development of socialism in Kazakhstan. S. Beisembiev. Part. zhizn' Kazakh. 30 no. 4:40-45 Ap '60.
Attention paid to inventors. A. M. Nikolaev. Nauka i zhizn' 27 no. 4 44 Ap '60.
Bright image. D. Sukachev. Komm. Bel. 34 no. 4 52-53 Ap '60.
By Lenin's orders. M. O. Miliutin. Znan. ta pratsia no. 4 10 Ap '61.
By order of Vladimir Il'ich M. Mikhailov-Doronovich Neva no. 4 236 '61.
Celebration of an important anniversary in the Moscow University. Vest. Mosk. un. Ser. 10 Pravo 15 no. 2 77-78 Ap-Je '60.
"A chronological index of V. I. Lenin's works; his books, articles, speeches, letters, and other documents. Part I. 1886-February 1917." Reviewed by N. M. Cheremitina. Ist. SSSR 5 no. 3:174-177 My-Je '61.
Civil law problems in V. I. Lenin's works S. Vil'ianskyi. Rad. pravo no. 2 29-34 Mr-Ap '60.
Concern for the development of the exchange of goods between town and country. V. Smol'ianinov. Sov. torg. 33 no. 4:48-56 Ap '60.
Concern for the health of working people. N. A. Semashko. Nauka i zhizn' 27 no. 4 41 Ap '60.
Eternal source of inspiration Ukraina no. 8 1 Ap '60.
Eternally alive is the deputy of the Moscow Soviet ("Unforgettable" by G. Kostomarov. Reviewed by I. Lunin). Moskva. 5 no. 4 179-180 '61.
Features of our unforgettable leader ("Unforgettable events" by G. Lozgachov-Elizarov Reviewed by B. Sylin). Ukraina no. 7:17 Ap '60.
The first day of V. I. Lenin's work as chairman of the Council of People's Commissars. E. V. Klopov Ist. SSSR 5 no. 2 116-125 Mr-Ap '61.
Forever with us. F. N. Petrov. Nauka i zhizn' 27 no. 4:35-37 Ap '60.
From now on I will take care of this problem myself. L. F. Frants. Nauka i zhizn' 27 no. 4:40-41 Ap '60.
Glory to Lenin! Glory to the party! Rab. i stial. 30 no. 4:1 Ap '60.
Great, unpretentious and warmhearted. G. I. Astapovich. Uzbekistan 19 no. 1:9-11 Ap '60.
A great and modest man O. Khablo. Ukraina no. 8:8 Ap '60.
A great and simple man. A. Mogilev. Sov. voin. 41 no. 4 10 F '60.
The great creator of the Soviet state Rad. pravo no. 2 3-11 Mr-Ap '60.
Great example of the leader. IU. Shabanov. Komm. Bel. 34 no. 4:16-22 Ap '60.
Great humanist and teacher of communism, on the 90th anniversary of the birth of V. I. Lenin. Vest. AMN SSSR 15 no. 4 3-10 '60.
Great ideas of Lenin inspire Soviet biologists, on the 90th anniversary of V. I. Lenin's birth TSitologiia 2 no. 2 129-130 Mr-Ap '60.
A great leader and teacher of workers. Ukr. ist. zhur. 4 no. 2:8-10 Mr-Ap '60.
The great leader of the workers. Sov. potreb. koop. 4 no. 4:3-7 Ap '60.
A great school, remarks on Lenin as a translator. B. IAkovlev. Inostr. lit. no. 4 172-178 Ap '61.
He stood next to him. V. Anchishkin. Sov. voin. 41 no. 6:8 Mr '60.
His name shines like a star. Ukraina no. 7:27 Ap '60.
His name shines like a star Ukraina no. 8 23 Ap '60.
Historical documents of V. I. Lenin. Part. zhizn' Kazakh. 30 no. 4:3-17 Ap '60.
History of the dissemination of V. I. Lenin's works in the Ukraine after the October Revolution I. IU. Berenshtein Ukr. ist. zhur. 4 no. 2 80-91 Mr-Ap '60.
How the land decree originated. M. Fofanova. Novyi mir 36 no. 4 141-149 Ap '60.
How they took these photos B. Brodovs'kyi Ukraina no. 7 14 Ap '60.
How V. I. Lenin analyzed the philosphical concept of "experience" and criticized subjectivism in cognition I. G. Petrov Vest. Mosk. un. Ser. 8 Ekon., filos. 15 no. 1 51-66 '60.
Lenin. D. Ostrilkkii, N. Pukov. Uzbekistan 19 no. 1:10 Ap '60.
Il'ich at the chess table. IU. Lazarev Ukraina no. 8:32 Ap '60.
Il'ich in the emigration period P. Kalenychenko Ukraina no. 8 18 Ap '60.
Il'ich's favorite game. I. Linder. Nauka i zhizn' 27 no. 4:47-52 Ap '60.
Il'ich's versatility and clearness of purpose. N. Semashko. Novyi mir 36 no. 4:152-153 Ap '60.
I'll always remember him. V. Vashkevich. Komm. Bel. 34 no. 4 51-52 Ap '60.
Immortalization of V. I. Lenin in the Ukraine. Zh. I. Isaienko Ukr. ist. zhur. 4 no. 2 72-74 Mr-Ap '60.
In difficult years. A. Mukhtarov, P. Tibekin. Part. zhizn' Kazakh. 30 no. 4:46-49 Ap '60.
In 1918. I. V. Zholtovs'kyi. Znan. ta pratsia no. 4:12 Ap '61.
In the ranks with Lenin. K. Rezvov. Sov. pech. no. 4:6-8 Ap '61.
"India and Lenin" [in English]. Reviewed by G. Z. Ioffe. Ist. SSSR 5 no. 2 211-214 Mr-Ap '61.
Influence of V. I. Lenin's ideas on the development of the theory of higher nervous activity. P. Kupalov, A. Volokhov, L. Voronin. Zhur. vys. nerv. deiat. 10 no. 2. 101-106 Mr-Ap '60.
It seems, it was only yesterday.... A. Zhuravlev. Komm. Bel. 34 no. 4 53-54 Ap '60.
Kazakh people read the works of Il'ich in their native language. Kh. Rakhimov. Part. zhizn' Kazakh. 30 no. 4:03-05 Ap '60.
Last days. S. M. Dobrogaev. Nauka i zhizn' 27 no. 4:45-46 Ap '60.
A leading exponent of proletarian atheism Vitalii Vorike. Voiov. ateist no. 1,10-15 Ap '61.
Learn, learn, and learn.... I. Tiulenev Sov. voin. 41 no. 6 7 Mr '60.
Lenin and the international communist movement. R. Engel'gardt. Komm. Mold. 5 no. 4:42-51 Ap '60.
Lenin and the new horizons of world literature I. Anisimov. Inostr. lit. no. 4 163-171 Ap '61.
Lenin and workers of the press. K. Zlinchenko. Novyi mir 36 no. 4:149-151 Ap '60.
Lenin days in our republic. Komm. Bel. 34 no. 4:79-80 Ap '60.
Lenin Days in the revolutionary underground. S. Moroz, V. Platon. Komm. Mold. 5 no. 4:71-74 Ap '60.
Lenin in the Council of People's Commissars. A. V. Lunacharskii. Znan. ta pratsia no. 4:11 Ap '61.
Lenin on communist ethics. N. K. Krupskaia. Rab. i stial. 36 no. 4:2-3 Ap '60.
Lenin readings. M. Simonian. Nauka i zhizn' 27 no. 4:34 Ap '60.
Leninism as the banner of our era. Komm. Bel. 34 no. 4:2-7 Ap '60.
Lenin's critique of revisionism and its significance in the struggle against present-day revisionism. D. Ursul. Komm. Mold. 5 no. 4:52-62 Ap '60.
Lenin's perspicacious ideas are found everywhere. V. S. Bonch-Bruevich. Nauka i zhizn' 27 no. 4:12-13 Ap '60.
Lenin's precepts for the study of revolutionary democratic Russian literature, in honor of the 90th anniversary of V. I. Lenin's birth N. A. Glagolev. Vest. Mosk. un. Ser. 7: Filol., zhur. 15 no. 2 3-14 Mr-Ap '60.
Let's study and work as Lenin did. IA. Savitskaia. Nar. asv. no. 3:48-52 Mr '61.
Letters of Ukrainian workers to V. I. Lenin, 1917-1923 Edited by S. IA. Shchevs'ka, P. I. Pavliuk, D. S. Shchedrina. Ukr. ist. zhur. 4 no. 2 120-129 Mr-Ap '60.
Light triumphed over darkness. A. Lykov. Komm. Bel. 34 no. 4:38-43 Ap '60.
Living and all-conquering theory of Lenin. Ukraina no. 7:1 Ap '60.
"Living word of Lenin" by A. Tarasenko. Reviewed by I. Zhorovskii. Novyi mir 36 no. 4:253-255 Ap '60.
A man great in thought and heart ("Reminiscences about V. I. Lenin", Pt. 3 Reviewed by N. Maslov) Neva no. 4:193-195 '61.
Memoirs of a nurse. E. A. Nechkina. Uzbekistan 19 no. 4:19 Ap '60.
New documents of V. I. Lenin Sots. zakon. 37 no. 4. 7-11 Ap '60.
New materials of Lenin's views on literature and art. B. Meilakh. Zvezda no. 4 186-191 Ap '61.

New materials on V. I. Lenin's work "Who are 'friends of the people' and how they struggle against the social democrats." G. S. Zhukov. Ist. SSSR 5 no. 2 125-131 Mr-Ap '61

On the 90th anniversary of V. I. Lenin's birth. Prikl. mat. i mekh. 24 no. 2 201-204 Mr-Ap '60.

Our Il'ich, photos. Ukraina no. 8 13 Ap '60

Pages about Lenin. L. Ter-Saakiants. V mire knig. 1 no. 3 4 Mr '61.

Participation of V. I. Lenin in the compilation of a geographical atlas. A. M. Gak. Ist. SSSR 5 no. 2 131-137 Mr-Ap '61.

Party card No. 527. P. Ivanchenko. Ukraina no. 8 1 Ap '60

The plain truth, with an epilogue by Alla Liubarskaia. Claire Sheridan. Inostr. lit. no. 4 179-195 Ap '61

Preparations for the celebration of the 90th anniversary of V. I. Lenin's birth. Ukr. ist. zhur. 4 no. 2 183-185 Mr-Ap '60

A present from Il'ich. V. Burdykin. Smena 38 no. 7 10 Ap '61

The problems of folk humor and satire in V. I. Lenin's works. I. I. Lavrov. Nar. tvorch. ta etn. 4 no. 4 17-22 O-D '60.

Problems of Soviet labor law as presented in V. I. Lenin's works. M. Baru. Rad. pravo no. 2 35-44 Mr-Ap '60

Publication and translation of V. I. Lenin's works in the Ukraine during Soviet rule. S. A. Vorobiova, T. K. Molodid. Ukr. ist. zhur. 4 no. 2 74-80 Mr-Ap '60

Reading reminiscences about Lenin.... V. Radin. Moskva 5 no. 4 156-159 '61.

[Readings in Marxist-Leninist philosophy in two volumes] Khrestomatiia po marksistsko-leninskoi filosofii v dvukh tomakh. Moskva, Gos. izd-vo polit. lit-ry. Vol. 2. V. I. Lenin. 1961. 759 p.

Recollections about Vladimir Il'ich Lenin. E. Bonch-Bruevich, K. V. Meshalkin. Sov. potreb. koop. 4 no. 4:8-10 Ap '60.

Recollections about Vladimir Il'ich Lenin. I. M. Gulkin. Znan. ta pratsia no. 4:11 Ap '61.

Relay of the strong. IUrii IAcheikin. Ukraina no. 7 9 Ap '60

Reminiscences about our immortal leader ("Unforgettable encounters, reminiscences about V. I. Lenin." Reviewed by IU. V. Babko). Ukr. ist. zhur. 4 no. 2 183-186 Mr-Ap '60.

Reminiscences about V. I. Lenin are an important source for studying the history of the CPSU. V. M. Mazylo. Ukr. ist. zhur. 1 no. 2 146-153 Mr-Ap '60

"Reminiscences about Vladimir Il'ich Lenin." Reviewed by S. IUrovskii. Zvezda no. 4 209-210 Ap '61

A simple notice in the newspaper... Dm. Zaraipin. Sov. pech. no. 4:9-11 Ap '61.

Stirring documents ("Letters from workers to V. I. Lenin"; 1917-1924. Reviewed by R. Lavrov). Novyi mir 36 no. 4 256-258 Ap '60.

The story of an author's gift copy. E. Podvigina. Novyi mir 36 no. 4 210-213 Ap '60.

Studying a great heritage ("Philosophical notebooks" by V. I. Lenin. Reviewed by L. Shchekina). Nauka i zhizn' 27 no. 4 73-74 Ap '60.

Summit of scientific thinking ("Lenin and science." Reviewed by IA. Povarkov). Nauka i zhizn' 28 no. 4. 67-69 Ap '61.

Take care of public property. F. Mikheev. Sov. potreb. kopp. 4 no. 4:20-21 Ap '60.

Teacher and friend. O. D. Stasova. Ukraina no. 7:3-5 Ap '60

They are loyal to Lenin. Part. zhizn' Kazakh. 30 no. 4: 16-24 Ap '60.

They made shoes for Il'ich. S. Leoniuk. Ukraina no. 7: 32 Ap '60

A trip to Kokushkino. V. Krivitskin, M. Faizullin. Sov. potreb. kuop. 4 no. 4:26-27 Ap '60.

Triumph of Lenin's idea on equal rights for women. E. Mel'nyk. Rad. pravo no. 2 19-26 Mr-Ap '60

Triumph of Lenin's ideas. Sov. etn. no. 2:3-6 Mr-Ap '60.

Triumph of Lenin's national policy. N. Dzhandil'din. Part. zhizn' Kazakh. 30 no. 4.31-39 Ap '60.

Two autographs of Lenin. E. Levit. Smena 38 no. 7:10 Ap '61

Under the banner of Lenin. Khim. v shkole 15 no. 2:3-6 Mr-Ap '60

Under the banner of the great Lenin. Gor. khoz. Mosk. 35 no. 3.1-3 Ap '61.

Unforgettable encounters. N. I. Kibovskii. Nauka i zhizn' 27 no. 4.44-45 Ap '60.

"Unforgettable encounters; reminiscences about V. I. Lenin." Reviewed by Ir. Vartanov. Ukraina no. 8:18 Ap '60.

Vartanian, G. M. [How V. I. Lenin developed the Marxist theory of reflection] Razvitie V. I. Leninym marksistskoi teorii otrazheniia. Erevan, Gos. izd-vo Armenii, 1960. 236 p.

V. I. Lenin and health protection for workers in the U. S. S. R. L. E. Karpov. Fel'd. i akush. 25 no. 4 3-7 Ap '60.

V. I. Lenin and the biological science. Bot. zhur. 45 no. 4 473-479 Ap '60.

V. I. Lenin and the establishment of communist parties in foreign Slavic countries. M. A. Birman and others. Kirat. soob. Inst. slav. no. 31:3-40 '61.

V. I. Lenin and the formation of the Communist Party of White Russia. N. Meshkov. Komm. Bel. 34 no. 4:9-15 Ap '60.

V. I. Lenin and the Soviet public health system. Zdrav. Belor. 6 no. 4:5-9 Ap '60.

V. I. Lenin on Belinskii. IE. O. Kasilov. Rad. lit. 5 no. 3: 85-89 My-Je '61.

V. I. Lenin on dialectics, the living soul of Marxism. V. Stepanov. Komm. Bel. 34 no. 4 30-37 Ap '60.

V. I. Lenin on mineral resources. Geol. zhur. 20 no. 2 3-4 '60.

V. I. Lenin on populism and problems of the history of Russian literature [with summary in English]. N. I. Sokolov. Vest. LGU 16 no. 8.79-91 '61

V. I. Lenin on revolutionary events in Hungary, 1918-1919. M. F. Lebovych. Ukr. ist. zhur. 4 no. 2 51-65 Mr-Ap '60

V. I. Lenin on the class struggle during the transition period from capitalism to socialism [with summary in English]. I. IA. Trifonov. Vest. LGU 16 no. 8:5-15 '61

V. I. Lenin on the democratic nature of Soviet courts. IU. Frolov. Rad. pravo no. 2 55-59 Mr-Ap '60

V. I. Lenin on the family and marriage. I. Bilenchuk. Rad. pravo no. 2 45-47 Mr-Ap '60

V. I. Lenin on the forms of and trends in economic relations between cities and villages during the transition from capitalism to socialism. K. V. Volkov. Uch. zap. TGU no. 31 56-92 '59

V. I. Lenin on the interpretation of the historical process. D. P. Shevchenko. Ukr. ist. zhur. 4 no. 2 19-32 Mr-Ap '60.

V. I. Lenin on the liberation struggle of the Afghan people. V. Chebotareva. Obshchestv. nauki v Uz. no. 1 58-61 '61

V. I. Lenin on the nature of economic relations between cities and villages during the transition from capitalism to socialism. K. V. Volkov. Uch. zap. TGU no. 31 39-55 '59

V. I. Lenin on the peaceful coexistence of two systems. M. Mykhailova'kyi. Rad. pravo no. 2 12-17 Mr-Ap '60

V. I. Lenin's philosophical ideas and the development of present-day philology. S. K. Shaumian. Kirat. soob. Inst. slav. no. 31:60-76 '61.

V. I. Lenin's theoretical views on courts and justice. A. Ryvlin. Rad. pravo no. 2 48-54 Mr-Ap '60

V. I. Lenin's work in the Geneva Library, 1905-1908. M. M. Hretsko. Ukr. ist. zhur. 4 no. 2 180-182 Mr-Ap '60

V. I. Ul'ianov's work as an attorney at law. I. Krylov, A. Blank. Sov. iust. no. 4 38-43 Ap '60.

Vivid aesthetics ("The aesthetic views of V. I. Lenin" by P. Mezentsev. Reviewed by A. Politkanov). Neva no. 4 195-196 '61

Vivid portrayal of Il'ich. V. Burnosau. Nar. asv. no. 4: 91-96 Ap '61.

Vladimir Il'ich Lenin, on the 90th anniversary of his birth. Zhur. fiz. khim. 34 no. 4:705-707 Ap '60.

We should require more from historical studies ("V. I. Lenin and the proletariat of the Donets Basin" by N. Emchenko. Reviewed by T. M. Kolishev). Ukr. ist. zhur. 1 no. 2:169-171 Mr-Ap '60.

We shouldn't publish such lectures ("Lectures on Lenin; a lecture course on the history of the CPSU in the post-revolutionary period" by A. G. Oganian. Reviewed by P. Kazanskii, S. Murashov). Polit. samoobr. 5 no. 6: 120-122 Je '61.

We were inspired by Il'ich's words and deeds. F. Solodov. Sov. voin. 41 no. 4 3-5 F '60.

Welcoming the 90th anniversary of V. I. Lenin's birth. Komsom. zhizn' no. 5:28-31 Mr '60.

Words of Il'ich brought courage and confidence. S. Khavkin. Sov. torg. 33 no. 4:56-58 Ap '60.

Work in the library of Vladimir Il'ich. Sh. M. Manuchariants. Znan. ta pratsia no. 4:12 Ap '61.

LENIN, VLADIMIR IL'ICH, 1870-1924—BIBLIOGRAPHY see Bibliography—Lenin, Vladimir Il'ich, 1870-1924

LENIN, VLADIMIR IL'ICH, 1870-1924—DRAMA

Portrayal of the dearest man. L. Hryhorenko. Ukraina no. 8:22 Ap '60.

LENIN, VLADIMIR IL'ICH, 1870-1924—HOMES AND HAUNTS

"Here every stone is familiar with Lenin." L. Khakhlin. Sov. voin. 41 no. 6:4-5 Mr '60.

The Smol'nyi Institute, 1960. O. Karyshev, I. Moroz. Ukraina no. 7:15-16 Ap '60.

LENIN, VLADIMIR IL'ICH, 1870-1924—MUSEUMS, RELICS, ETC.

Immortality of a leader. A. I. Gorobei. Nauka i zhyttia 11 no. 4:5-7 Ap '61.

The Lenin Museum in Prague. B. Babanova. Ukraina no. 8:1 Ap '60.

The mail received by a museum. P. Nikitin. Nova no. 4 217-219 '61.

Role of the Kiev Branch of the V. I. Lenin Central Museum in the propagation of Lenin's ideas. A. I. Horobets. Ukr. ist. zhur. 1 no. 2 60-72 Mr-Ap '60

LENIN, VLADIMIR IL'ICH, 1870-1924—PORTRAITS

Portrait made of perennial cover plants. M. I. Gorelov. Gor. khoz. Mosk. 35 no. 1 15 Ap '61.

LENIN, LAKE—SHORE PROTECTION

Geomorphological effect of shore protecting vegetation on Lake Lenin (Ukrainian S. S. R.). IU. P. Biallovich. Trudy Okean. kom. 8 221-225 '61

LENIN IN LITERATURE AND ART

Dear relic. S. Shkurko. Ukraina no. 7 10 Ap '60

The dearest name ("Lenin", verse, stories, and sketches by Bulgarian writers [in Bulgarian]. Reviewed by B. Didenko). Inostr. lit. no. 4 263-261 Ap '61

An excellent example for our youth. M. Kastsian. Nar. asv. no. 4:22-25 Ap '61.

From the history of creating the "Leniniana." A. Gak. Iskusstvo 24 no. 4:64-66 '61.

How I painted V. I. Lenin. I. I. Brodel'kyi. Znan. ta pratsia no. 4 12 Ap '61.

The image of the greatest of people. V. Golubeva. Moskva 5 no. 4 140-142 '61.

Made by a great wood carver. B. Allab'iev. Ukraina no. 7 12 Ap '60.

They sing of their leader. M. Voskoboinikov. Zvezda no. 4 192-194 Ap '61

The wreath of eternity ("A wreath for the glory of Lenin." Reviewed by P. Stokorin'). Ukraina no. 7 17 Ap '60

LENIN PEAK

Beyond the clouds. V. Ratsek. Uzbekiston 19 no. 4:21 Ap '60

LENIN PRIZES

Lenin Prize winners. E. Mezelaitis. V mire knig. 1 no. 5:26-27 My '61.

Winners of the Lenin prizes of 1961. Sots. kul't. 14 no. 5 37 My '61.

LENINABAD—EVERGREENS

Evergreen trees and shrubs in Leninabad. M. I. Prikhin. Bot. zhur. 45 no. 4:598-502 Ap '60.

LENINGRAD—ANATOMICAL SOCIETIES

Meeting for reports and elections of the Leningrad Society of Anatomists, Histologists and Embryologists, May 27, 1959. A. G. Knorre, E. S. IAkovleva. Arkh. anat. gist. i embr. 38 no. 3 113-115 Mr '60

Survey of the sessions of the Leningrad Society of Anatomists, Histologists, and Embryologists in 1959-1960. IU. V. Bukin, E. Sh. Gerlovin, E. S. IAkovleva. Arkh. anat. gist. i embr. 40 no. 3 108-115 Mr '61.

LENINGRAD—ARCHITECTURE—CONSERVATION AND RESTORATION

Reconstruction of a heroic city; history of the restoration of Leningrad. A. V. Kamaev. Ist. SSSR 5 no. 3 116-128 My-Je '61.

LENINGRAD—ART GALLERIES AND MUSEUMS

Amid the treasures of the Hermitage. Lev. Liubimov. Novyi mir 36 no. 5:170-213 My '60.

LENINGRAD—ART INDUSTRIES

Come in, buy our products. D. Aleksandrov. Mosk. prom. i khud. promys. 2 no. 5 39 My '61.

LENINGRAD—ART INDUSTRIES, UKRAINIAN—EXHIBITIONS

"Modern Ukrainian Art" exhibition at the State Museum of Ethnology. A. S. Bezhkovich. Sov. etn. no. 2: 174-175 Mr-Ap '60.

LENINGRAD—BALLET—STUDY AND TEACHING

School of the dance. M. Frangopulo. Sov. muz. 25 no. 5: 60-62 My '61.

LENINGRAD—BUILDING—ACCIDENTS

Analyzing causes of accidents at construction sites in Leningrad. V. N. Gapeev. Bezop. truda v prom. 4 no. 5:17-18 My '60.

LENINGRAD—CHILDREN—SURGERY

Surgical aid for children in Leningrad clinics. B. M. Khromov. Sov. zdrav. 20 no. 5 18-22 '61

LENINGRAD—CHORAL SOCIETIES

A choir of Leningrad workers. P. Shirineva. Nar. tvorch. in etn. 5 no. 1:152-153 Ja-F '61.

LENINGRAD—COMMUNIST EDUCATION

What were the results of our studies. L. Ardashnikov. Part. zhizn' no. 12:44-46 Je '61.

LENINGRAD—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

The struggle of the Leningrad party organization for the restoration of electric power in the city during 1944 and 1945 [with summary in English]. D. I. Gutman. Vest. LGU 16 no. 8:36-45 '61.

The struggle of the Petrograd Communists in aiding the Red Army during the latter half of 1918 [with summary in English]. IU. S. Dmitriev. Vest. LGU 16 no. 8: 24-35 '61.

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LENINGRAD—CONSTRUCTION INDUSTRY

High-speed construction of apartment houses by a housing construction combine. L. L'vov. Ikon stroi. no. 4 '6-32 Ap '61

LENINGRAD—COURTS

Work of a "council of people's assessors." A. Parfenov. Sov. iust. no. 11,4 Je '61

LENINGRAD—CRANES, DERRICKS, ETC.

Article from the plant on the Obvodnyi Channel. G. Mishkevich. Znan. sila 36 no. 2:18-19 F '61.

LENINGRAD—CRYSTALLOGRAPHY—STUDY AND TEACHING

Crystallography and mineralogy in the Leningrad Mining Institute. N. N. Stulov, I. I. Shafranovskii. Zap. LGI 40: 22-28 '59.

LENINGRAD—DEPARTMENT STORES

A section is awarded an honorary title. Z. Rudnovskii. Sov. torg. 33 no. 4:45-46 Ap '60.

LENINGRAD—DIESEL LOCOMOTIVES

Role of the Kirov Plant in the manufacture of diesel locomotives in the Soviet Union. I. A. Shishkin. Trudy inst. ist. est. i tekh. 38:145-159 '61

LENINGRAD—ELECTRIC POWER

The struggle of the Leningrad party organization for the restoration of electric power in the city during 1944 and 1945 [with summary in English]. D. I. Gutman. Vest. LGU 16 no. 8:36-45 '61

LENINGRAD—FACTORY MANAGEMENT

The first conferences on production in Leningrad factories from 1921 to 1924 [with summary in English]. O. I. Shkaratan. Vest. LGU 16 no. 8:150-155 '61

LENINGRAD—FIREMEN

Handing the baton. L. Aleksandrov. Pozh. delo 7 no. 5:23 My '61.

LENINGRAD—FIRST AID IN ILLNESS AND INJURY

Health service. Nataliia Gesse. Neva no. 4:167-171 '61

LENINGRAD—FOUNDATIONS

Pile foundations for a large-panel house. N. Sugrobov. Zhil. stroi. no. 4:20-22 Ap '61

LENINGRAD—HYDROLYSIS

Contribution of efficiency promoters to technological progress. A. S. Medovaia. Gidroliz. i lesokhim. prom. 14 no. 4:21-22 '61.

LENINGRAD—ICE CARVING

A rare book. Uzbekistan 10 no. 1:27 Ap '60.

LENINGRAD—INDUSTRIAL MANAGEMENT

Profits as stimulation for expanding production and a source of incentive funds. P. Zhevtiak. Fin. SSSR 22 no. 5:35-44 My '61

LENINGRAD—IRON INDUSTRY

Petersburg and Alexander Cast-Iron Plants of the Department of Mines in the first half of the 19th century. N. I. Morenets. Trudy Inst. ist. est. i tekh. 38:100-112 '61

LENINGRAD—LEATHER INDUSTRY

Engineers get acquainted with new techniques. N. Fomin. Kozh.-obuv. prom. 3 no. 4:30 Ap '61.

Mechanization and automatization of production in the "Marksist" Leather Combine (to be continued). I. I. Marklichev. Kozh.-obuv. prom. 3 no. 4:1-3 Ap '61.

LENINGRAD—MACHINERY INDUSTRY—ACCOUNTING

Using a standard accounting method in machinery manufacturing. P. Shatalov. Bukhg. uchet. 16 no. 5:14-20 My '61

LENINGRAD—MACHINERY INDUSTRY WORKERS

Ordinary beauty. A. Beilin. Neva no. 4:156-166 '61.

LENINGRAD—MENTAL ILLNESS

Some clinical and statistical data on patients discharged from Leningrad psychoneurological hospitals in 1957. V. P. Kushke. Vop. psikh. i nevr. no. 5:249-257 '59.

LENINGRAD—MINERALOGY—STUDY AND TEACHING

Crystallography and mineralogy in the Leningrad Mining Institute. N. N. Stulov, I. I. Shafranovskii. Zap. LGI 40: 22-28 '59.

LENINGRAD—MOTION-PICTURE STUDIOS

Vlasov, A. E., and A. M. Miodik. [Silence! Filming] Tikho! Idet s"emka. Moskva, Gos. izd-vo "Iskusstvo," 1960. 184 p.

LENINGRAD—MOTION PICTURES IN EDUCATION

Use of motion pictures in class. A. Zolkind, A. Shmel'kin. Sov. torg. 34 no. 5:42-43 My '61.

LENINGRAD—MUSIC

On the musical life of Leningrad ("The initial years of Soviet music" and "In the years of the Great Patriotic War." Reviewed by N. Bat'). Sov. muz. 25 no. 5:101 My '61.

LENINGRAD—NEWSPAPER AND PERIODICAL CIRCULATION

New developments in the work of Leningrad newsstand operators. V. Domas. Raspr. pech. no. 1:11 Ja '61.

LENINGRAD—ORPHANS AND ORPHANAGES

They built a swimming pool with their own hands. A. Sal'kovskii. Det. dom 16 no. 4:67-68 '60

LENINGRAD—PATHOPHYSIOLOGICAL SOCIETIES

Symposium in the Leningrad Society of Pathophysiologists on the topic, "On the principles of the subdivision and classification of hypothermia." I. R. Petrov, A. A. Zorkin. Pat. fiziol. i eksp. terap. 5 no. 2:84 Mr-Ap '61

LENINGRAD—PENSIONS

The analysis of letters helps to improve the qualifications of workers. I. I. Vieev. Sots. obesp. 22 no. 5:10-11 My '61

Barrel of honey and a spoon of tar. N. Karaseva. Sots. obesp. 22 no. 5:12-14 My '61.

LENINGRAD—PETROLOGY—RESEARCH

Contribution of scientists of the Leningrad Mining Institute to the development of petrology. S. P. Solov'ev. Zap. LGI 40:29-40 '59

LENINGRAD—PIONEERS (COMMUNIST YOUTH)

Young firemen of Vasili Island. A. Belliakova. Pozh. delo 7 no. 5:16-18 My '61

LENINGRAD—PLANETARIA

Leningrad planetarium. P. A. Gubin. Fiz. v shkole 20 no. 2:111 Mr-Ap '60.

LENINGRAD—PRINTING INDUSTRY

Leningrad printers celebrate the 22d Congress of the CPSU. S. A. Truskin. Poligr. proizv. no. 4:4-5 Ap '61.

LENINGRAD—PSYCHOLOGICAL SOCIETIES

In the Leningrad section of the Psychological Society. V. E. Bushurova. Vop. psikhol. 6 no. 3:200-201 My-Je '60

LENINGRAD—RADIO IN EDUCATION

Leningrad's "Pioneer Herald." I. Rusakova, L. Markhasev. Sov. radio i tel. 8 no. 1:7-8 '59.

LENINGRAD—REAL PROPERTY—VALUATION

Fate of a statistical study. B. Val'skaia. Vest. stat. no. 5,89-96 '61.

LENINGRAD—RESEARCH, INDUSTRIAL

At the forefront of the struggle for technological progress. G. Voronkov. Part. zhizn' no. 11:17-23 Je '61.

LENINGRAD—RETAIL TRADE—ACCOUNTING

Increase control over automotive transportation work. M. Shaposhnikov. Bukhg. uchet 18 no. 5:67-69 My '61

LENINGRAD—REVOLUTION, 1917-1921

The struggle of the Petrograd Communists in aiding the Red Army during the latter half of 1918 [with summary in English]. M. S. Dmitriev. Vest. LGU 16 no. 8: 24-35 '61

LENINGRAD—RUSSIAN SOCIAL DEMOCRATIC PARTY

The first supporters of "Iskra" in Petersburg; on the 60th anniversary of the newspaper "Iskra," [with summary in English]. N. V. Ukhneva. Vest. LGU 16 no. 8:17-23 '61.

LENINGRAD—SIEGE, 1941-1944—PERSONAL NARRATIVES

Roads of triumph ("The feat of Leningrad." Reviewed by S. Borzenko). Oktiabr' 38 no. 5:210-220 My '61.

LENINGRAD—STUDENT ACTIVITIES

They built a swimming pool with their own hands. A. Sal'kovskii. Det. dom 16 no. 4:67-68 '60.

LENINGRAD—TEXTILE WORKERS

Dubrov, M. I. [First shock workers' brigade] Pervaia udarnaia. [Leningrad] Lenizdat, 1960. 96 p.

LENINGRAD—TURBINES—DESIGN AND CONSTRUCTION

Unique 300,000 kw. turbine unit. Nauka i zhizn' 27 no. 4: 65-68 Ap '60.

LENINGRAD—VIDEO TAPE RECORDERS AND RECORDING

Video tape recorder developed by the "Lenkinap" factory; 1961 model. Tekh. i kino telev. 5 no. 5:3 of cover My '61.

LENINGRAD—WOOD RESEARCH

One more way for saving nonferrous metals. V. Denisenko. NTO 2 no. 5:26 My '60.

LENINGRAD ECONOMIC REGION—FIRE DEPARTMENTS

Courses for the training of the administrative staff of fire departments. E. Aristov. Pozh. delo 7 no. 3:22 Mr '61.

LENINGRAD IN LITERATURE AND ART

"Leniniana." I. Bystrov. Neva no. 4:216-217 '61.

LENINGRAD PROVINCE—AGRICULTURE—EXPERIMENTATION

Agricultural research of Leningrad Province students. R. A. Teas. Shkola i proizv. 5 no. 5:39-47 My '61

LENINGRAD PROVINCE—ARBITRATION AND AWARD

An arbiter has come to a factory. L. Andreeva, Iu. Vlader. Sots. zakon. 30 no. 6:78-79 Je '61.

LENINGRAD PROVINCE—COMMUNIST YOUTH LEAGUE

Welcoming the 90th anniversary of V. I. Lenin's birth. Komsom. zhizn' no. 5:28-31 Mr '60.

LENINGRAD PROVINCE—EDUCATION, COOPERATIVE

In school, workshop, and on a collective farm. E. Nyrkova, M. Zhebenko. Nar. obr. no. 5:77-81 My '61.

LENINGRAD PROVINCE—LABOR PRODUCTIVITY

Seven in five! It's practical. V. Salushev, N. Solov'ev. Komsom. zhizn' no. 18:1-5 S '60.

LENINGRAD PROVINCE—PEAT BOGS

Types of calcium and iron accumulation in peat bogs. V. N. Efimov. Dokl. AN SSSR 138 no. 2:435-436 My '61.

LENINGRAD PROVINCE—PINE

Large specimen of the Weymouth pine in Leningrad Province. I. A. Kaurov, V. G. Antipov. Biul. Glav. bot. sada no. 38:95-96 '60.

LENINGRAD PROVINCE—POWER ENGINEERING

Results of a competition of Leningrad power engineers. M. Shabad. NTO 3 no. 5:45 My '61.

LENINGRAD PROVINCE—VACATION SCHOOLS

Influence of the group should not be interrupted. V. Mikhailov. Nar. obr. no. 5:85-86 My '61.

LENINOGORSK—GENTIANS

Gentiana lutea L. in the Altai. F. F. Samusev. Bot. zhur. 45 no. 4:595-597 Ap '60.

LENINOGORSK—MINE INSPECTION

Experience in mine inspection. A. Erkenov. Bezop. truda v prom. 5 no. 5:29-30 My '61.

LENINOGORSK—NONFERROUS METAL INDUSTRIES

Information. Nar. khoz. Kazakh. 19 no. 5:95-96 My '61

LENINOGORSK (EAST KAZAKHSTAN PROVINCE)—INDUSTRIES

Party inspectors at work. P. Peshnin. Part. zhizn' Kazakh. 31 no. 5:54-57 My '61.

LENINOGORSK REGION (ALTAI MOUNTAINS)—MINING GEOLOGY

Establishing a relationship between the angles of displacement and the occurrence of fissures. P. Egorov, P. A. Ryzhov. Nauch. rab. stud. GNSO MGI no. 7:108-117 '59.

LENINSKIYE GORKI see Gorki Leninskiye

LENINSKIYE GORY—STEPPE FLORA

Experiment in creating steppe coenoses at the Leninskiye Gory. V. A. Sorokina. Bot. zhur. 45 no. 4:597-604 Ap '60

LENKORAN DISTRICT—TEA

Weeds infesting tea plantations of Lenkoran and Astara Districts in Azerbaijan. M. V. Brzhezitskii, S. M. Musaeva. Uch. zap. AGU Biol. ser. no. 4:9-12 '60.

LENKORAN LOWLAND—LEPIDOPTERA

Study of lepidopteran pests of trees and shrubs in the Lenkoran zone. L. M. Akhundova-Tuseva. Uch. zap. AGU. Biol. ser. no. 1:37-43 '60.

LENKORAN LOWLAND—RED SPIDER

Tetranychid mites in the oak-hornbeam forests of the Lenkoran zone [in Azerbaijani with summary in Russian]. S. G. Khalilova. Uch. zap. AGU Biol. ser. no. 1: 31-36 '60

LENSES

Some characteristics of lenses with nonspherical surfaces of the second order. M. M. Rusinov. Izv. vys. ucheb. zav.; prib. 3 no. 1:90-96 '60.

Some characteristics of positive lenses. M. M. Rusinov. Izv. vys. ucheb. zav.; prib. 3 no. 1:77-89 '60.

Surgical binocular lens with an illuminator producing two lighted fields. G. M. Bluvshtein. Vest. otorin. 22 no. 1:77-78 Ja-F '60.

LEONOV, LEONID MAKSIMOVICH, 1899-

Leonov, Leonid. [The theater; dramatic works, articles, and speeches. In two volumes] Teatr; dramaticheskie proizvedeniia, stat'i, rechi. V dvukh tomakh. Moskva, Gos. izd-vo "Iskusstvo," Vol. 1. 1960. 480 p.

Some aesthetic aspects of the portrayal of an affirmative hero in "The Russian forests," a novel by Leonid Leonov. F. Kh. Vlasov. Uch. zap. MGPI 161:247-285 '61.

LEPIDOPTERA see subdivision under Lenkoran Lowland

LEPROSY

Leprous encephalitis. A. P. Kozhevnikova. Vop psikh i nevr. no 5 52-58 '59

LEPTOCHLORITE

Leptochlorite horizon in middle Jurassic deposits of central Daghestan G N Brovkov, T A Moskalenko. Dokl AN SSSR 136 no 1 161-166 Ja '61

LEPTOSPIRA

Carbohydrate fermentation by Leptospira A S Samedov Uch zap AGU. Biol ser no 1 79-85 '60

LEPTOSPIROSIS

(see also subdivision under Kazakhstan)

Problem of the therapeutic effect of mycerin and levomycetin in experimental leptospirosis [with summary in English] L. M. Lvetkova Antibiotiki 6 no 3:231-233 Mr '61

LERMONTOV, MIKHAIL IUR'EVICH, 1814-1841

Belinskii and Lermontov. L. Ermilova. Znamia 31 no. 5: 210-224 My '61.

Eikhenbaum, B. M. [Articles on Lermontov] Stat'i o Lermontove. Moskva, Izd-vo Akad. nauk SSSR, 1961. 371 p.

LESGAFT, PETR FRANTSEVICH, 1837-1909

Petr Frantsevich Lesgaft (1837-1909) IA. M Bogdanov, G M Krakoviak Gig i san 25 no. 3 49-50 Mr '60

LESKOV, NIKOLAI SEMENOVICH, 1831-1895—BIBLIOGRAPHY see Bibliography—Leskov, Nikolai Semenovich, 1831-1895

LETHARGY

Lethargy. A. V. Alekseev. Nauka i zhizn' 28 no. 4: 77-78 Ap '61.

LEUCOCYTES

Change in the quantity of leucocytes in patients of a neurological and therapeutic clinic from 1956 to 1958. V. P. Bologurova. Lab. delo 7 no. 5 38-39 My '61.

Comparative evaluation of certain features of the organism in pulmonary tuberculosis, based on data on the trypan blue skin test, erythrocyte sedimentation reaction, and the determination of lymphocytes and monocytes. TS. M. Rabinovich. Probl. tub. 38 no. 4: 77-82 '60.

Dependence of the phagocytic activity of leukocytes on their respiratory phosphorylation [with summary in English]. O. S. Sheremeteva. Biul. eksp. biol. i med. 50 no. 7:64-66 Jl '60.

Interaction between the leukocyte and motor reactions and respiration in the elaboration, extinction, and sudden inhibition of the defense reflex V V. Suchkov Fiziol. zhur. 47 no. 2:196-204 F '61

Leucocyte phosphatase catalyzing the hydrolysis of adenylic acid. T. M Lakovleva Dokl AN SSSR 136 no 1:211-213 Ja '61.

Peculiarities of leucocytes of urinary sediment in some kidney diseases. G. G. Arabidze. Lab. delo 7 no. 5 39-41 My '61.

Role of external stimuli in the formation of leukocyte reactions in ontogenesis B I Kuznik. Fiziol. zhur. 47 no 2:217-220 F '61

LEUCOPENIA

Effect of pentocyl on the bone marrow lipids of rabbits in experimental leukopenia [with summary in English]. E. N. Morozova. Biul. eksp. biol. i med. 51 no. 2 54-59 F '61.

LEUKEMIA

Changes in the megakaryocytic apparatus in patients with leukemia [with summary in English, p. 62]. E. F. Izmailova. Probl. gemat. i perel. krovi 5 no. 3:33-38 Mr '60.

Eosinophilic leukemia and eosinophilic reactions [with summary in English, p. 61]. V. K. Polenko. Probl. gemat. i perel. krovi 5 no. 3:15-22 Mr '60.

Experimental investigation of the general toxic and antileukic action of the antibiotic 6270 [with summary in English]. A. IA. Krashilina and others. Pat. fiziol i eksp. terap. 5 no. 2:21-26 Mr-Ap '61.

Isolation of passage of an acellular leukemic agent from Ehrlich tumor. Vop onk. 7 no 2:19-26 '61.

Leukemias following X-ray therapy [with summary in English, p. 63]. A. D. Vakulenko. Probl. gemat. i perel. krovi 5 no. 3:56-58 Mr '60.

Leukemias in rats produced by extracts of various human leukemic tissues. A. I. Ageenko. Vop. onk. 7 no. 2:9-19 '61.

LIO-2 transplantable mouse leukemia. K. Sznalberg, T. Gorski. Vop. onk 7 no. 2:75-78 '61.

Minutes of a meeting of the hematological section of the Moscow Therapeutic Society, March 31, 1959. I. V. Frinovskaia. Probl. gemat. i perel. krovi 5 no. 2:59-60 F '60.

Modification of indices of natural resistance in patients with various forms of leukemia. K N. Klimova. N. M. Ivanova Vop. onk 7 no. 2:3-9 '61.

Oxidative enzymes in blood cells and bone marrow in leukemia and hypoplastic anemia [with summary in English, p. 61]. E. I. Terent'eva, L. I. Kazanova, F. E. Fainshtein. Probl. gemat. i perel. krovi 5 no. 2:3-8 F '60.

Pseudoleukosis in mice caused by bacteria of the Salmonella group. V. M. Bergel'ts, V. N. Popkova. Lab. delo 7 no. 5 33-35 My '61.

Some data on the change of blood coagulation factors in leukemias [with summary in English, p. 62]. M. A. Kotovshchikova, Z. D Fedorova. Probl. gemat. i perel. krovi 5 no. 3 29-32 Mr '60.

"Toxic" properties of the plasma from leukemia patients [with summary in English] I. I Terent'eva, G V Onechenskaia. Pat. fiziol i eksp terap 5 no 2:18-21 Mr-Ap '61.

Treatment of chronic myeloid leukemia with myleran under polyclinical conditions [with summary in English, pp. 61-62] V. T. Morozova Probl. gemat i perel krovi 5 no. 3 23-28 Mr '60

LEVEES

Stability of a steep levee built from graded stones. M. E. Plakida. Trudy TSNIIEVT no. 19:70-74 '60

LEVEL (TOOL)—TESTING

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 131-57 for checking technical levels] Instruktsiia 131-57 po poverke tekhnicheskikh urovnei. Izd. ofitsial'noe. Moskva, 1957. 19 p.

LEVELING

Implement for contour plowing. N. G. Petrov. Les. khoz. 14 no. 6 61-62 Je '61.

Leveling irrigated areas on collective and state cotton farms. A. N. Lapin, E. L. Okulich-Kazarin. Trudy SANIIRI 93:60-114 '58.

LEVITSKII, OLEG DMITRIEVICH, 1909-1961

In memory of Oleg Dmitrievich Levitskii. A. A. Godovikov and others. Geol i geofiz., no. 3 116-117 '61.

Oleg Dmitrievich Levitskii; obituary. A. G. Betekhtin and others. Geol rud mestorozh no 2:3-6 Mr-Ap '61

LEVYTS'KYI, IVAN, 1847-1918

Folk humor and satire I S Nechui-Levyts'kyi's literary works L. P Fedosov Nar tvorch ta etn 4 no 4 121-127 O-D '60

LEYGRAF, HANS

Pianists. Matislav Smirnov, D Blagoi. Sov muz. 25 no 6:136-138 My '61.

L'GOV—SUGAR INDUSTRY—PERIODICALS

Conference of readers at the L'gov sugar factory Sakh prom 34 no 5:5-6 My '60

LIABILITY (LAW) see subdivision under Great Britain

Extending the rights of injured persons R Rakhunov Sots. zakon 37 no 4 36-40 Ap '60

Let's ensure compensation for damage. N. Pushkin, V Popov Sov just no. 11 8-9 Je '61

Let's ensure the reimbursement of loss caused to governmental agencies. D. Poliak Rad. pravo no 2 124-125 Mr-Ap '60

Liability of the associations of outside watchmen IA Shtutin, M Bialik. Sots zakon 37 no 4 72-73 Ap '60

Some problems relating to the protection of collective farm property in civil law I I Poimanov Biul SNO LGU no 2 106-116 '59

LIABILITY FOR TRAFFIC ACCIDENTS

New forms of insurance prompted by life. S. Artem'ev, D. Bolovinchik. Sov just no 11:3-4 [illegible]

LIBRARIES

(see also subdivision under Latvi

Advanced methods of work should b the millions. Bibliotekar' no. 5:3

Brief news. Bibliotekar' no. 5:60

Miscellaneous news Bibliotekar'

More about the work of librarians. obr. 5 no. 5:108 My '61.

Promoting books in libraries and Sov. knizh. torg. 13 no. 4 31 Ap

LIBRARIES, CHILDREN'S

Talks are the best means of recom E. Shalaeva. Bibliotekar' no. 5, 2

LIBRARIES, RURAL see Rural libr

LIBRARIES, UNIVERSITY AND COL

Improve the work of college and un S. I. Zinov'ev. Sov. bibl. no. 2:97

Library and bibliographical activiti Gastfer. Sov. bibl. no. 2:35-43

LIBRARIES AND READERS

Discussion on pamphlets about ecor Bibliotekar' no. 5:23-24 My '61.

Not far from Stalingrad. N. Krivit no. 5, 38-40 My '61.

On the road to knowledge. N. Make 1 no. 4:40-42 Ap '61.

Promoters of political books O Limar' Bibliotekar' no 5 21-23 My '61

Through the libraries of the country. Bibliotekar' no 5 13-15 My '61

To every family I. Videnskii Bibliotekar' no. 5:35-36 My '61

When the active group looks after the job. N. Sudriashkin Bibliotekar' no 5 33-35 My '61

LIBRARIES AND SCHOOLS

Revolutionary memoirs for the reading of upper-grade students V Konoplev Prep ist v shkole 16 no 3 55-59 My-Je '61

LIBRARY CATALOGS

Materials of the Conference of Representatives of Communist and Labor Parties reflected in the subject catalog. S. K. Vilenskaia. Sov. bibl. no. 2 23-31 '61.

We are for the inverted chronological order. R Shapiro, R. Reznik Bibliotekar' no. 5 48-49 My '61

LIBRARY CONFERENCES

Twenty sixth session of the Council of the International Federation of Library Associations. N. F. Gavrilov, M. I. Rudomino. Sov. bibl. no. 2 106-111 '61.

LIBRARY SCIENCE

Closer to the requirements of life K. Abramov Bibliotekar' no 5 42-44 My '61

Moscow. Vsesoiuznaia gosudarstvennaia biblioteka inostrannoi literatury. [Handling foreign literature in libraries] Opyt raboty bibliotek s inostrannoi literaturoi, sbornik statei. Moskva, 1957. 149 p.

LIFE

A blind man tries to guide those who can see ("How to solve the problem of life" [in French] by Fernad Lelotte Reviewed by A. Shamarov) Mol kommu no 5 110-116 My '61

LIFE—ORIGIN

Oparin, A. I. [Origin of life on earth; album] Vozniknovenie zhizni na Zemle; al'bom. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 47 plates.

———— [Instructions for using the album] Metodicheskie ukazaniia k al'bomu. 26 p.

Steps of life. A. Emme, D Bilenkin Znan sila 36 no. 5:34-35 My '61.

LIFE ON PLANETS see Plurality of worlds

LIFEBOATS see subdivision under Germany, West

LIFESAVING AT FIRES

(see also subdivision under Yuzhno-Sakhalinsk)

Heroism. P. Kriukoviseva. Pozh. delo 7 no. 5 21 My '61.

LIGAMENTS

Injury of the cruciate ligaments of the knee joint [with English summary in insert]. R. Trib Ortop. travm. i protez. 22 no 1:19-23 Ja '61.

LIGAMENTS—WOUNDS AND INJURIES

Technic of roentgenological study in injuries of the meniaci and transverse ligaments. I K. Gorel'chik. Ortop. travm. protez. 22 no. 1 69-71 Ja '61.

LIGHT

Effect of light stimuli on the visual analyzer and cardiovascular system in man [with summary in English].

LIGHTWEIGHT CONCRETE
(see also subdivision under Krasnodar)
Cellular concretes with gypsum-cement-pozzolan binders. A. V. Volzhenskii, A. V. Ferronskaya. Bet. i zhelezobet. no. 3:123-126 Mr '61.
Houses of keramzit-concrete panels. T. L. Sharinkin, B. A. Nechesov. Transp. stroi. 11 no. 1 28-30 Ap '61.
Prestressed reinforced keramzit concrete bridge. I. G. Ivanov-Dmitriev and others. Avt. dor. 24 no. 3:12-15 Mr '61.
Structural lightweight concretes based on slag pumices and their use in making reinforced products. B. V. Lachinov. Bet. i zhelezobet. no. 5 236-239 My '60.
Study of the strength and rigidity of two-ply foamed concrete beams. S. M. Skolobogatov. Trudy Ural. politekh. inst. no. 99 126-133 '60.

LIGNANS
Lignans from junipers (Juniperus communis) of the Soviet Union. A. P. Serebriakova, L. N. Filitis, L. M. Utkin. Zhur. ob. khim. 31 no. 5 1731-1734 My '61.

LIGNIN
Alkali sulfate lignin as filler for artificial leather. B. D. Bogomolov and others. Izv. vys. ucheb. zav., les. zhur. 3 no. 1 111-117 '60.

LIGNITE see subdivision under Ural Mountains

LIME
Deficiency of several trace elements in soils rich in lime. L. K. Ostrovskaia, G. M. Iakovenko, M. S. Gamalunova. Trudy Biogeokhim. lab. no. 11:92-101 '60.
Vostokov, A. I., and I. P. Lepeshkin. [Manufacture of sugar from beets] Proizvodstvo sakhara iz svekly. Izd. 2. Moskva, Pishchepromizdat. (Bibliioteka molodogo rabochego)
No. 6. [Production of lime, lime milk, and carbonation gas] Polucheniie izvesti, izvesthovogo moloka i saturatsionnogo gaza. 1960. 45 p.

LIMESTONE
(see also subdivision under Balkhash Lake region, Crimea, Dnieper-Donets Lowland)
Concentrating limestone with the aid of a mechanical classifier. A. A. Samelshchev and others. Stroi. mat. 7 no. 4:23-26 Ap '61.
Some Devonian algae of Central Asia and other regions of the U. S. S. R. and their rock-forming and paleogeographic significance. A. D. Miklukho-Maklai. Dokl. AN SSSR 138 no. 3 655-656 My '61.

LIMITATION OF ACTIONS
Limitation of actions in Soviet civil law. I. M. Bolotnikov. Biul. SNO LGU no. 2 116-127 '59.

LINDEN
Accelerated growth of linden seedlings in the nursery. T. P. Shafranskii. Gor. khoz. Mosk. 35 no. 4 26-28 Ap '61.

LINEAR DIFFERENTIAL EQUATIONS see Differential equations, Linear

LINEAR EQUATIONS
One procedure in using an iteration method. G. M. Kirillov. Trudy Ural. politekh. inst. no. 99:105-112 '60.
Solving linear equations with the help of a proportional divider. G. M. Kirillov. Trudy Ural. politekh. inst. no. 99:95-104 '60.

LINEAR PROGRAMMING
Construction of periodic motions. E. A. Barbashin. Prikl. mat. i mekh. 25 no. 2 278-283 Mr-Ap '61.

LINKS AND LINK MOTION
Effect of the position of a crank center on the element of a four-bar linkage. A. T. Gazarov. Sbor. nauch. trud. ERPI no. 20:147-160 '59.

LINOLEUM
Preparation of highly filled linoleum using improved techniques. M. L. Kupershmidt and others. Strot. mat. 7 no. 4:26-29 Ap '61.

[illegible]shkin.

[illegible] Izv. vys. ucheb. zav., tekh. teks. prom. no. 2:163-164 '61.

LIPETSK—METAL CUTTING
Letters to the editor. Stan. i instr. 31 no. 5:36 My '60.

LIPETSK DISTRICT—STOCK AND STOCKBREEDING
Organizational experience of the Lipetsk District Committee of the CPSU in the development of stockbreeding. O. F. Gulfaeva. Uch. zap. Lip. gos. ped. inst. 2:3-29 '58.

LIPETSK PROVINCE—CARAMEL
Operating with a new type of raw material for the production of caramel syrups. G. L. Fedoseev. Sakh. prom. 34 no. 5 49-52 My '60.

LIPETSK PROVINCE—ORPHANS AND ORPHANAGES
Warmth of the Communist Youth League spirit. Komsom. zhizn' no. 18:21-26 S '60.

LIPID METABOLISM
Biology of the sturgeon in the Black Sea, seasonal variations in the lipoid metabolism (May-October). A. E. Pora, D. I. Roshka, I. F. Polumb. Vop. ikht. no. 17:83-91 '61.
Effect of pentoxyl on the bone marrow lipids of rabbits in experimental leukopenia [with summary in English]. G. N. Morozova. Biul. eksp. biol. i med. 51 no. 2 54-59 F '61.
Lipid metabolism disorders in patients with diencephalitis. L. I. Gancheva, IA. M. Kravetskii. Klin. med. 39 no. 5 36-41 My '61.
Phospholipids in intestinal secretions in dogs [with summary in English]. A. S. Kamnova, I. B. Kuvaeva. Biul. eksp. biol. i med. 51 no. 3 60-64 Mr '61.
Studies on lipid concentration in various regions of the lumbar enlargement of the spinal cord [with summary in English]. A. B. Rives, L. V. Sotina. Biokhimiia 26 no. 2 285-287 Mr-Ap '61.

LIPIDOSIS
Splenomegaly of the Gaucher type in children. G. I. Stepanova. Pediatriia 37 no. 5:76-77 My '61.

LIPIDS
Changes in the protein-lipoid composition of the blood serum in rabbits under strained conditioned-reflex activity. P. B. Khomulo. Part. fiziol. i eksp. terap. 4 no. 4:67-71 Jl-Ag '60.
Dynamics of the development of cardiovascular disorders with changes in blood lipids during the production of experimental atherosclerosis in dogs [with summary in English]. V. N. Mentova, Z. T. Samoilova. Part. fiziol. i eksp. terap. 4 no. 4 42-48 Jl-Ag '60.
Effect of certain lipid fractions of the thymus and spleen on metabolic processes [with summary in French]. I. Potop and others. Biokhimiia 25 no. 6 987-990 N-D '60.

LIPKANY DISTRICT—AGRICULTURAL ADMINISTRATION
We should encourage the use of new methods. P. Melnichuk. Part. zhizn' no. 13 35-37 Jl '61.

LIPKANY DISTRICT—WOMEN AS PHYSICIANS
Vocation. S. Andreev. Komm. Mold. 6 no. 5:51-54 My '61.

LIPOPROTEINS
Structure of lipoproteins of the gray matter of animal brain [with summary in English]. S. V. Nedzvetskii, S. N. Kuz'mina. Biokhimiia 25 no. 2 251-254 Mr-Ap '60.

LIPOXIDASE
Lipoxidase activity and the development of microflora in wheat stored under different temperature and humidity conditions. IU. IAnitskii, L. Novakovskaia. Biokhim. zerna no. 5 100-107 '60.
Studying lipoxidase in cereal crops in connection with the problem of the development of rancidity in groats. M. P. Popov, D. A. Chelcev. Biokhim. zerna no. 5 263-279 '60.

LIPS—TUMORS
Case of heteroplastic bone formation in the region of the mucous membrane of the upper lip. L. M. Rubinovich. Stomatologiia 40 no. 1 86-87 Ja-F '61.

LIQUEFIED PETROLEUM GAS
Change of the system supplying the population with liquefied gases. P. B. Maizel'is, N. N. Shamaldin. Gaz. prom. 6 no. 5 21-22 My '61.
Expanding the use of liquefied gases for the gasification of the agricultural areas of the country. A. I. Sorokin. Gaz. prom. 6 no. 5:14-17 My '61.
Quality of liquefied hydrocarbon gases. N. I. Riabtsev. Gaz. prom. 6 no. 5:23-26 My '61.

LIQUEFIED PETROLEUM GAS—PIPELINES see subdivision under United States

LIQUEFIED PETROLEUM GAS—TRANSPORTATION
Machine for transporting cylinders of liquid gas. F. Andreev, I. Tsentsiper, E. Bokova. Zhil.-kom. khoz. 11 no. 2:26-27 F '61.

LIQUID HELIUM
Attenuation of oscillations of a cylinder in rotating helium II. IU. G. Mamaladze, S. G. Matinian. Zhur. eksp. i teor. fiz. 38 no. 2 656-657 F '60.
Measuring the logarithmic decrement of attenuation of a hollow cylinder in rotating helium II. D. S. TSakadze, I. M. Chkheidze. Zhur. eksp. i teor. fiz. 38 no. 2:637-638 F '60.

LIQUID LEVEL INDICATORS
Floating automatic water level and discharge regulators. I. B. Chizh. Trudy SANIIRI no. 106:61-76 '60.
Level data units for vertical drainage holes. N. N. Omelin. Trudy SANIIRI no. 106:43-46 '60.
Level indicators for liquids and pulps. D. V. Isaev. Sbor. mat. po avtom. proizv. protsessov i disp. no. 5 43-51 '60.

LIQUID LEVEL INDICATORS—TESTING
Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 94-51 for checking devices for measuring liquid levels in tanks and cisterns] Instruktsiia 94-51 na meriy, sluzhashchie dlia izmerenilia vysoty urovnia zhidkosti v rezervuarakh i tsisternakh. Izd. ofitsial'noe. Moskva, 1957. 6 p.

LIQUID METALS
Near order and the properties of liquid bismuth. IA. I. Dutchak. Fiz. met. i metalloved. 11 no. 2:290-295 F '61.

LIQUID METALS—CORROSION
Investigating the oxidation kinetics of liquid aluminum. A. I. Radin. Trudy MATI no. 40 73-97 '61.
Investigating the oxidation kinetics of liquid aluminum alloys. A. IA. Radin. Trudy MATI no. 40:98-110 '61.

LIQUIDS—DENSITY—MEASUREMENT
"Measuring the density of liquids and solids" by S. S. Kivilis. Reviewed by M. D. Ippits. Izm. tekh. no. 5: 62-63 My '60.

LISICHANSK—COAL GASIFICATION, UNDERGROUND
Production of industrial gas in the underground gasification of Lisichansk coals. S. P. Golger and others. Trudy IGI 13:83-86 '60.

LITERARY STYLE see Style, Literary

LITERATURE—BIBLIOGRAPHY see Bibliography—Literature

LITERATURE—HISTORY AND CRITICISM
The epic novel and its characteristics ("The origin of the epic novel" by A. V. Chicherin. Reviewed by M. F. Murashov). Nauch. dok. vys. shkoly; filol. nauki no. 2 140-141 Mr-Ap '61.
Survey of the foreign press. Inostr. lit. no. 3 224-231 Mr '60.

LITERATURE—HISTORY AND CRITICISM—BIBLIOGRAPHY see Bibliography—Literature—History and criticism

LITERATURE—PHILOSOPHY
Some features of the artistic development of mankind. D. F. Kozlov. Uch. zap. MGPI 161 84-105 '61.

LITERATURE AND COMMUNISM see Communism and literature

LITERATURE AND SCIENCE
Marginal notes in an article. A. Ivich. Novyi mir 36 no. 4:246-249 Ap '60.
On a "cold integral" and the "warm flesh of poetry." A. Mikhalevich. Oktiabr' '38 no. 5:196-209 My '61.
On scientific and creative knowledge. A. Smirnov-Cherkesov. Novyi mir 36 no. 4:243-246 Ap '60.
The thirst for clarity is one of experience. IU. Veber. Novyi mir 36 no. 4 238-243 Ap '60.

LITHIUM
Computation of the autoionization probability in helium and lithium atoms. R. Kh. Pronin. Opt. i spektr. 8 no. 3. 300-302 Mr '60.
Distribution characteristics of a series of rare and volatile elements in rocks and pegmatites of the Koroster pluton [with summary in English]. O. D. Stavrov, T. A. Bykova. Geokhimiia no. 4:328-331 '61.
Geochemistry of rubidium and lithium in micaceous pegmatites of northern Karelia [with summary in English]. I. D. Riabchikov, B. A. Solov'eva. Geokhimiia no. 4:316-323 '61.
Investigating (α,α'), (α,p) and (α,t) reactions in lithium nuclei [with summary in English]. K. V. Makariunas, S. V. Starodubtsev. Zhur. eksp. i teor. fiz. 38 no. 2:372-376 F '60.

LITHIUM—ANALYSIS
Determination of lithium in samples by the neutron activation method. G. I. Zaitsev, V. IU. Zaleskii. Zav. lab. 27 no. 5:553-557 '61.

LITHIUM—ISOTOPES
Determination of lithium in samples by the neutron activation method. G. I. Zaitsev, V. IU. Zaleskii. Zav. lab. 27 no. 5:553-557 '61.
Determination of the isotopic composition of lithium by activation analysis. L. P. Bilibin, A. A. Lbov, L. I. Naumova. Atom. energ. 10 no. 5:528-529 My '61.

LITHIUM—PHYSIOLOGICAL EFFECT
Influence of lithium on the water balance of tobacco. L. A. Rydakova. Nauch. dokl. vys. shkoly; biol. nauki no. 2: 174-180 '61.

LITHIUM FLUORIDE CRYSTALS—GROWTH
Growing whisker crystals of lithium fluorids. E. M. Nadgornyi. Fiz. tver. tela 3 no. 3:957-958 Mr '61.

LITHIUM-MAGNESIUM-ALUMINUM ALLOYS

Ultralight lithium alloys E M Savitskii, V F Terekhova, O P Naumkin Tsvet met 31 no 5 58-61 My '61

LITHIUM-MANGANESE-ZINC ALLOYS see Manganese-zinc-lithium alloys

LITHIUM ORGANIC COMPOUNDS

Conjugated systems Part 135 Course of the addition of alkylhypobromites and lithium-alkyls to vinylpropenylacetylene A A Petrov, IU I Portnykh, V A Kormer Zhur ob khim 31 no 5 1518-1521 My '61

Interaction between organolithium compounds and steroid ketoxides N N Suvorov I V Sokolova, N V Makarov Izv AN SSSR Otd khim nauk no 5 944 My '61

Synthesis of fluorinated ketones by use of organolithium compounds and N, N-dialkylamides of fluorinated acids N A Zaitseva, E M Panov, K A Kocheshkov Izv AN SSSR Otd khim nauk no 5:831-835 My '61

LITHIUM OXIDE

Measurement of the saturated vapor pressure of solid lithium oxide [with summary in English] V N Nesmeianov, L P Belykh Zhur fiz khim 34 no 4 839-844 Ap '60

Mechanisms of the chemical adsorption and catalysis on solid solutions of zinc oxide G I Chipurkova, N P Keier Probl kin i kat 10 77-81 '60

LITHIUM SULFATE

Polytherm of the ternary system urea - lithium sulfate - water V. P. Bludin, A A. Bolotskii. Zhur. prikl. khim 34 no. 3 695-696 Mr '61.

LITHUANIA—ECONOMIC CONDITIONS

Communist Youth League members set the tone. V. Mashkov, N. Dronov. Komsom. zhizn' no 15/16 39-45 Ag '60.

LITHUANIA—FIRES AND FIRE PREVENTION

Courage and resourcefulness N. Šad evičius. Pozh delo 7 no 3 28 Mr '61

LITHUANIA—GEOLOGY, STRATIGRAPHIC

Quaternary stratigraphy of Lithuania. V. I. Dukhanina. Vop. gidrogeol. i inzh. geol. no. 18:134-145 '59.

LITHUANIA—HISTORY—SOURCES

Reports of the governors of Lithuania and western White Russia as a historical source, from 1801 to 1861. S N Ulashchik. Probl istoch no 9,15-55 '61.

LITHUANIA—LEATHER INDUSTRY

Leather and shoe industry of Lithuania S. I. Tovbin Kozh.-obuv. prom. 3 no. 1 7-10 Ja '61

LITHUANIA—MOTORBUS LINES

Motorbus transportation in the Lithuanian S. S. R. G. Krzemianskis. Avt. transp. 39 no. 4, 9-11 Ap '61.

LITHUANIA—NEWSPAPER AND PERIODICAL CIRCULATION

Great increase in circulation. IU. Navikas. Raspr. pech. no. 3 7 Mr '61.

LITHUANIA—SHOE INDUSTRY

Leather and shoe industry of Lithuania. S. I. Tovbin Kozh.-obuv. prom. 3 no. 1, 7-10 Ja '61

LITHUANIA—STUDENTS

Peace and Friendship Week. J. Petkevicius. Komsom. zhizn' no. 3 19-21 F '60.

LITHUANIA—WORLD WAR, 1939-1945

School children study the history of the Great Patriotic War P Frolov Voen.-ist zhur 3 no 6 120-123 Je '61.

LITIN DISTRICT—SECTS

Thank you, dear Hanna Karpivna! M Okhrimenko. Voiov. ateist no. 4:38-39 Ap '61.

LITVAK, GRIGORII NIKOLAEVICH, d. 1961

In memory of a friend. Sov. Ukr. 11 no. 5:191 My '61.

LIUBENCHENKO, MYKOLA, 1896-

With the weapon of ridicule. I. M. Duz'. Rad. lit. 5 no. 3:41-50 My-Je '61.

LIVER

Adenosinephosphoric acid content of the rat liver and muscles in dinitrophenol poisoning [with summary in English] A V Kotel'nikova, V. V. Solomatina, I A Goraksia. Biokhimiia 25 no. 6.1085-1091 N-D '60.

Carbohydrate function of the liver in chronic lead intoxication. M. K. Kalmakbaev. Trudy Inst. kraev. pat. AN Kazakh. SSR 8:178-186 '60.

Changes in the amount of sulfhydryl groups in structural elements of cells in the X-irradiated rat liver [with summary in English]. E. M. Kedrova, Zh. A. Antokol'skaia, V. M. Rodionov. Biokhimiia 26 no. 2:234-236 Mr-Ap '61.

Distribution of boron in brain and liver tissue fractions [with summary in English]. L. K. Shakhova. Biokhimiia 26 no. 2:316-318 Mr-Ap '61.

Effect of a continuous and intermittent chlortetracycline therapy alone and in combination with sulfathiazole on antitoxic liver function in patients with bacillary dysentery [with summary in English] G. S. Mironov Antibiotiki 6 no 2,131-135 F '61

Effect of chlortetracycline on the proteolytic activity of the liver [with summary in English] V IA Kudriavtseva Antibiotiki 5 no 2 58-60 Mr-Ap '60

Effect of chlortetracycline on the synthesis of urea by the liver [with summary in English] R P Portnykh Antibiotiki 6 no 2 127-131 F '61

Effect of experimental dysentery intoxication on urea formation in rats [with summary in English] R. P. Portnykh Biul. eksp. biol. i med. 49 no. 3 39-41 Mr '60.

Effect of gangliolytic substances on the chemical composition of the liver and blood in total fasting [with summary in English] I A Dzhevetskaia Pat. fiziol i eksp. terap. 5 no. 2 45-49 Mr-Ap '61.

Effect of irradiation on the magnesium content of the rat liver [with summary in English]. G. A. Kochetov. Biokhimiia 26 no. 2:319-322 Mr-Ap '61.

Effect of vagotomy on the bile secretory function of the liver G E. Suburov Fiziol. zhur. 47 no 5 624-629 My '61

Enzymatic decomposition of glycogen in the liver in medication sleep [with summary in English]. L. A Tseitlin Vop med khim 6 no 2 169-175 Mr-Ap '60

Histochemical data on some disorders of metabolism in the lungs and liver in acute radiation sickness [with summary in English] A. F. Ivanov, N. N. Kurshakova. Biul. eksp. biol. i med. 50 no. 7 58-62 Jl '60

Histogenic and structural changes in the liver during its regeneration after perforating and marginal wounds in rats [with summary in English] V F Sidorova Biul. eksp. biol. i med. 51 no. 3 97-101 Mr '61.

Influence of Naftalan petroleum on liver function R S Dzhanzhutova Vop kur., fizioter. i lech. fiz. kul't 26 no 1 46-50 '61

"Liver; structure and function" [in English] by H. Popper, F Schaffner Reviewed by N. I Grigor'ev Arkh anat gist i embr 38 no 1 110-111 Ap '60

Morphology of the liver in some forms of pulmonary tuberculosis treated with antibacterial drugs. R A Agzamov Shor trud Uz nauch.-issl tub inst 3 179-183 '57

Nature of the effect of antibiotics on the organism in relation to its original state [with summary in English] L. L. Gromashevskaia Antibiotiki 5 no. 2: 31-35 Mr-Ap '60.

"Physiology and experimental pathology of the liver" [in German] by A Fischer Reviewed by N I Grigor'ev Arkh anat gist i embr 39 no. 11 119-120 N '60

Projection of the liver on the dorsal surface of the body. Sh S Toidze Arkh. anat gist i embr. 38 no 4,104-107 Ap '60

Prothrombin function of the liver in lead intoxication. M. K. Kalmakbaev. Trudy Inst. kraev. pat. AN Kazakh. SSR 8 187-192 '60.

Some data on the functional state of the liver in multiple sclerosis [with summary in French] M A. Aksiantsev, P I Vlasova. Zhur. nevr i psikh 60 no 11:1161-1466 '60

Study of the regenerative process in the liver of mice shortly after injury [with summary in English] Z. A. Rishmina. Biul. eksp. biol i med. 49 no. 3 105-111 Mr '60.

Studying the mechanism of action of liver transglycosylase [with summary in English]. A N. Petrova Biokhimiia 25 no 2 355-359 Mr-Ap '60

LIVER—BLOOD SUPPLY

Arterial structure of a rabbit's liver following ligation of the hepatic artery under various conditions [with summary in English] B. S Kutnovich. Arkh anat. gist i embr. 40 no. 3:47-53 Mr '61.

Comparative physiology of blood circulation in the liver. IE. V. Kolpakov. Fiziol. zhur. [Ukr.] 7 no. 3:395-400 My-Je '61.

Latest discoveries in the study of the duct of Arantius. D G Doviner Dokl AN SSSR 136 no 1:249-252 Ja '61.

LIVER—CIRRHOSIS

Methods for inducing in rabbits cirrhosis of the liver with splenomegaly and ascites by means of carbon tetrachloride [with summary in English]. L. S. Rubetskoi, R. N. Korotkina. Biul. eksp. biol. i med 50 no. 7:122-124 Jl '60.

Preparative regeneration of the liver in experimentally induced cirrhosis [with summary in English]. B. P. Solopaev, IU. P. Butnev, G. G. Kuznetsova. Biul. eksp. biol. i med. 51 no. 1:74-80 Ja '61.

LIVER—DISEASES

Effectiveness of the over-all treatment of chronic diseases of the liver and biliary tract at the Karlovy Vary Health Resort in Czechoslovakia. V. N. Donskoi, V. K. Lubinets, M I Getmantseva. Vop kur., fizioter i lech. fiz. kul't. 26 no 1 35-40 '61

Influence of plasma transfusion on the protein composition of the blood in chronic diseases of the intestines and liver. G. S. Levin. Pat. fiziol. i eksp. terap. 5 no. 2, 64-66 Mr-Ap '61.

Pathogenesis of liver pathology in pulmonary tuberculosis R A Agzamov Shor trud Uz nauch.-issl tub inst 3 183-186 '57

Some drug-induced diseases of the liver. B. A. Shelepin. Fel'd. i akush. 25 no. 4:50-51 Ap '60.

LIVER EXTRACTS

Some data on the mechanism of the effect of antianemin on the dematopoietic process [with summary in English]. R. A Aruttunian, A. P. Kazarov. Biul. eksp. biol. i med. 51 no 1 37-40 Ja '61.

LIVER FLUKE

Distribution, biology, and ecology of Galba truncatula Müll. in Sverdlovsk Province. A. L. Dul'kin. Uch. zap. UrGU no. 31.46-56 '59.

LIVER FLUKE—HOST ANIMALS

Radix ovata as an intermediate host of the liver fluke [with summary in English] N. A. Bogomolova Zool zhur. 40 no 5 771-775 '61.

LOADING AND UNLOADING

Automotive transportation agencies take over loading operations. M. Khlebnikov. Avt. transp. 39 no. 4 11 Ap '61.

Conference on the problems of over-all mechanization of loading and unloading operations. P. A. Zimin. Mekh. stroi. 18 no. 3 30-31 Mr '61.

Cooperation of industrial enterprises in the organization of loading and unloading operations V N Ramodin, K I Kutskevich Trudy TsNII MPS no 18 45-50 '60

Determining the fields of application in coal mines and basic parameters of coal loading into railroad cars without using storage bins S. G. Uvarov. Ugol' 36 no 4 31 Ap '61.

Direct automatic loading of coal into railroad cars without using storage bins. N. I. Zarankin, V. V. Stil'vestrov. Ugol' 36 no. 4 23-28 Ap '61.

DT-54 tractor-mounted loader. M. Filippov. Tekh. v sel'khoz. 20 no. 4:85-86 Ap '60.

Estimating the equipment requirements of loading and unloading units IA P Vecherin, I I Kukushkin, B A Dlugach Trudy TsNII MPS no 196:79-108 '60

Load deflection during gantry crane operations. N. Grigor'ev, S. Medvedik. Rech. transp. 20 no. 5:16-17 My '61.

Loading operations should be the responsibility of automotive transportation. A. Vel'mozhin. Avt. transp. 39 no. 5:42 My '61.

MBO-4 unloading and piling machine. N. N. Budkin, I. T. Svinkii Sakh prom 34 no 5 76 My '60.

New method for unloading materials from flexible containers V A Bunakov Mekh i avtom proizv. 15 no 5:31-33 My '61

PG-OZ hydraulic loader. Z. S. Gorisenberg. Trakt. i sel'khozmash. 31 no. 5 34 My '61.

Positive and negative features of the PG-O,5 loader. P. Khmelev. Tekh. v sel'khoz. 20 no. 4:51-52 Ap '60.

Solonin, A. T. [Calculation of the performance of loading and unloading machinery, mechanisms and units in railroad planning and construction] Raschet proizvoditel'nosti pogruzochno-vygruzochnykh mashin, mekhanizmov i ustroistv pri proektirovanii i stroitel'stve zheleznodorozhnogo transporta. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 94 p.

Technical conference on problems involved in the testing of the unloading and piling machines for sugar beets. V. S. Matsenko. Sakh. prom. 34 no. 5:78-79 My '60.

Transportation connections between industrial enterprises and loading piers. E. D. Buchin. Rech. transp. 20 no. 5:9-11 My '61.

Using the S-492 dumping and piling machine. A. A. Novikov. Mekh. stroi. 18 no. 3:16 Mr '61.

LOADING AND UNLOADING—EQUIPMENT AND SUPPLIES

Miller, B. N., and V. M. Muntiian. [Mechanization of loading and unloading operations in the open sea] Mekhanizatsiia peregruzochnykh rabot v otkrytom more. Moskva, Nauchno-tekhn. ob-vo pishchevoi promyshl., 1961. 34 p. (Rybnoe khoziaistvo)

LOBACHEVSKII, NIKOLAI IVANOVICH, 1792-1856

N. I Lobachevskii. Nar. nav. no 1:93 Ja '61.

LOBBYING see subdivision under United States

LOBKOVA, LIDIIA MITROFANOVNA

Lidiia Mitrofanovna Lobkova. L. B. Cherner, K. M. Chikmarev. Med. sestra 20 no. 3:50 Mr '61.

LOCAL ANESTHESIA

Artificial hibernation in surgery under local anesthesia. IU. B. Nechaev. Akt. vop. obezbol. no. 2:171-181 '59.

Changes in arterial pressure in patients with laryngeal cancer in operations on the neck under potentiated local anesthesia. M. I. Svetlakov, A. A. Kravchenko, V. I. Karpukhin. Akt. vop. obezbol. no. 2:182-194 '59.

Intravenous use of morphine in combination with local anesthesia. V. D. Volkova. Trudy 1-go MMI 3:148-153 '57.

LOCAL ANESTHESIA (Continued)

Local anesthesia with use of ganglion-blocking and neuroplegic drugs in extirpation of the uterus. N. M. Novikova. Akt. vop. obezbol. no. 2:203-206 '59.

Local anesthetizing characteristics of substances obtained from propolis. M. M. Prokopovych. Farmatsev. zhur. 15 no. 1:51-52 '60.

Method for studying the effect of conduction anesthesia on the sciatic nerve of the frog [with summary in English] A. S. Kucheruk. Biul. eksp. biol i med. 51 no. 1:118-119 Ja '61.

Role of prolonged local anesthesia in surgery. A. IA. *Shmel'*. *Trudy 1-go MMI 3:166-174 '57.*

Treatment of certain skin diseases with chloethyl block and phytoncides. Kh. A. Bozian, R. A. Bazian. Vest. derm. i ven. 35 no. 1:60-62 Ja '61.

Use of novocaine solutions in polyvinyl-pyrrolidone for prolonged local anesthesia. B. G. Berkengeim. *Trudy 1-go MMI 3:175-184 '57.*

LOCAL ELECTIONS see subdivision under Volga Valley

LOCAL FINANCE see subdivision under Ukraine

LOCAL GOVERNMENT
(see also subdivision under Moscow)

Brief news. Sov. deput. trud. no. 6:104-105 Je '61.

Experience is the most important factor ("General direction" by A. Rozhdestvenskii. Reviewed by IU. Feofanov). Sov. deput. trud. no. 6:89-90 Je '61.

How many workers should be employed in the executive committees of city and rural soviets? Sov. deput. trud. no. 6:98-100 Je '61.

Implementation of regulations on the district soviets of workers' deputies. V. Barakhtian, R. Pavlova'kyi. Rad. pravo no. 2:81-87 Mr-Ap '60.

The participation of deputies in the sessions of local soviets. K. Matlina. Sov. deput. trud. no. 6:94-98 Je '61.

Results of elections to and the composition of local soviets. Sov. deput. trud. no. 6:102-103 Je '61.

Two studies on the organs of local government. V. Dorohin, A. Holovko. Rad. pravo no. 3:143-146 My-Je '61.

LOCAL GOVERNMENT—STUDY AND TEACHING

Organization and work of the soviets as a subject in the law school program. G. V. Barabashev, K. F. Sheremet. Vest. Mosk. un. Ser. 10 Pravo 15 no. 1:41-48 '60.

LOCAL HISTORY

Make wider use of the experience and knowledge of the masses. IU. Poliakov. Polit. samoobr. 5 no. 5:141-144 My '61.

LOCAL TRANSIT

Dispatcher communication systems in local transit. M. Blatnov, A. Volnov, A. Evstratov. Avt. transp. 39 no. 5:17-19 My '61.

Limanov, IU. A. [Subways] Metropoliteny. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenia, 1960. 315 p.

LOCKE, JOHN, 1632-1704

Locke, John. [Selected philosophical works in two volumes] Izbrannye filosofskie proizvedenila v dvukh tomakh. Moskva, Izd-vo sotsial'no-ekon. lit-ry. Vol. 2. 1960. 532 p.

LOCKJAW see Tetanus

LOCKS (HYDRAULIC ENGINEERING)

Coefficient of resistance of a flat gate valve in the water-conducting gallery of a lock in the case of a triangular baffle in front of the gate. V. A. Kinkk. Izv. VNIIG 63:239-242 '60.

Results of laboratory planning of navigation locks with a head gate filling system. A. F. Burkov. Izv. VNIIG 63:201-213 '60.

LOCOMOTIVE ENGINEERS

Locomotive engineer. O. Shmelev. Ogonek 39 no. 21:4-6 My '61.

LOCOMOTIVE WORKS see subdivision under Pozhva

LOCOMOTIVES

Determination and design of the basic parameters of a pneumatic locomotive. I. P. Filatlonkov, V. G. Shorin. Nauch. rab. stud. GNSO MGI no. 7:141-150 '59.

Ushakov, S. S., and others. [Trends in the development of railroad traction equipment *in foreign countries*] Tendentsii razvitila tiagovykh sredstv zheleznodorozhnogo transporta za rubezhom. Moskva, Izd-vo Akad. nauk SSSR, 1961. 141 p.

LOCOMOTIVES—TESTING

Development of the tract'method used in traction and thermotechnical testing of locomotives. S. A. Sokolova. Trudy Inst. 1st. est. i tekh. 38:113-134 '61.

LOCUSTS see subdivision under Siberia, Western

LODII, PETR DMITRIEVICH, 1764-1820

P. D. Lodii; story of his life and characterization of his philosophical concepts. V. M. Zverev. Biul. SNO LGU no. 2 28-41 '59

LOESS

(see also subdivision under White Russia)

Aspects of engineering geology in the designing and building of ditches in loess areas. Chang T'sung-hu. Trudy MGRI 36 121-128 '60.

Effect of drying on the mechanical strength of loess cement. I. I. Sadykov, I. S. Kantsepol'skii. Izv. AN Uz. SSR no. 9:59-65 '56.

Estimation of postsetting deformations of loess. A. E. Gradovskaia. Gidr. stroi. 31 no. 1:53-54 Ap '61.

Long-term deformation resistance of loess foundations of hydraulic structures. E. Mogilevskaia. Izv. VNIIG 64:179-190 '60.

LOGGING (GEOLOGY)

Increasing the efficiency and quality of logging operations in coal prospecting. V. S. Gryzlov. Razved. i okh. nedr 27 no. 3 35-37 Mr '61.

LOGGING ROADS see Forest roads

LOGIC, SYMBOLIC AND MATHEMATICAL

Corroboration and critical evaluation of the logical methods of George Boole. N. I. Stiazhkin. Vest. Mosk. un. Ser. 8 Ekon., filos. 15 no. 1:79-90 '60.

"The philosophical problems of many-valued logic" by A. A. Zinov'ev. Reviewed by D. G. Lakhuti. Vop. filos. 15 no. 5:172 '61.

Realization of functions in algebra of logic by formulae of bounded depth in the basis &, $\vee$, $\neg$. O. B. Lupanov. Dokl. AN SSSR 136 no. 5:1041-1042 F '61.

LOGISTICS

The battalion rear; conditions and nature of its functions. V. Sorokovoi. Voen. vest. 40 no. 10:25-29 O '60.

LOMONOSOV, MIKHAIL VASIL'EVICH, 1711-1765

Glazunov, I. D. [M. N. Lomonosov, the founder of Russian materialistic philosophy, the 250th anniversary of his birth] M. V. Lomonosov - osnovopolozhnik russkoi materialisticheskoi filosofii; k 250-letiiu so dnia rozhdenila. Moskva, Izd-vo "Znanie," 1961. 44 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 11, Filosofila, no. 8)

Lomonosov and Antarctica. IA. IA. Gakkel'. Inform. biul. Sov. antark. eksp. no. 25:5-7 '61.

Lomonosov's great discovery. V. Konopl'ova. Ukraina no. 11:3 Je '61.

M. V. Lomonosov and mathematics [with summary in English, p. 106] L. E. Maistrov. Vop. filos. 15 no. 5 93-102 '61.

LONDON—EXHIBITIONS

This will be at Earl's Court. Nov. vrem. 19 no. 25:19 Je '61.

LONGEVITY

Effect of some important causes of death on the average longevity of the population. R. N. Birukova. Sov. zdrav. 20 no. 5 92-96 '61.

Nutrition periodically deficient in calories and ontogenetic processes [with summary in English]. V. N. Nikitin. Zhur. ob. biol. 22 no. 2:81-86 Mr-Ap '61.

Significance of A. A. Bogomolets's theories for further development of the study of longevity and aging. IU. O. Spasokukotskyi. Fiziol. zhur. [Ukr.] 7 no. 3:343-351 *My-Je '61.*

To live 100 years. P. Pozniak. Ukraina no. 10:25 My '61.

LOOMS

The AT2-250-Sh automatic two-shuttle loom. V. A. Andrushkin. Biul. tekh.-ekon. inform. no. 4:46-47 '61.

Instantaneous value of torque in AT-100-2 looms. IU. A. Pivovarov, IU. A. Shamshurin. Izv. vys. uchob. zav.; tekh. teks. prom. no. 2:124-127 '61.

Malyshev, A. P., and P. A. Vorob'ev. [Mechanics and design calculations of looms] Mekhanika i konstruktivnyc raschety tkatskikh stankov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 552 p.

Temple cutters for the ATK-100 loom. I. A. Chikarov. Tekst. prom. 20 no. 3:68-69 Mr '60.

LOPARITE see subdivision under Lovozero Tundras

LOST AND FOUND

"Your purse is found...." V. Rudin. Smena 36 no. 8:27 Ap '61.

LOVCHORRITE see subdivision under Khibiny Mountains

LOVOZERO TUNDRAS—APATITE

Rare-earth apatite in alkali rocks of the Lovozero massif. E. M. Es'kova. Trudy Inst. min., geokhim. i kristallokhim. red. elem. no. 3:69-73 '59.

LOVOZERO TUNDRAS—LOPARITE

Age of alkaline intrusions on the Khibiny and Lovozero Tundras (Kola Peninsula). L. V. Komlev, A. D. Mikhaievskaia, S. I. Danilevich. Dokl. AN SSSR 136 no. 1: 172-174 Ja '61.

LOW TEMPERATURE RESEARCH

Direction - low temperatures. V. Golchenko. Znan. ta pratsia no. 3:8-9 Mr '61.

Heat capacity of bismuth telluride at low temperatures [with summary in English] E. S. Itskevich. Zhur. eksp. i teor. fiz. 38 no. 2 351-356 F '60.

LUBRICATION AND LUBRICANTS

Bodganov, N. F., and A. N. Perevoiezev. [Dewaxing of petroleum products] Deparafinizatsiia neftianykh produktov. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 245 p.

Determining the degree of contamination in crankcase oil. G. Zhuravlev, V. Dindiushko. Tekh. v sel'khoz. 20 no. 4 46-47 Ap '60.

Effect of lubrication on the fatigue strength of gears. V. I. Rudnitskii. Vest. mash. 41 no. 5:40 My '61.

Hydraulic stuffing box. P. Grof. Neftianik 6 no. 5:32 My '61.

Investigating lubrication with a fine film. A. Cameron. Izv. vys. ucheb. zav., mashinostr. no. 1:69-77 '60.

Lubricating bearings of support rollers. K. Novikov. Sel'. mekh. no. 5:30 '61.

People with daring ideas. D. A. Strom, L. D. Cholokov. Neftianik 6 no. 5:18 My '61.

Redesigning of the bearing lubricating system of a 1,500 kw. electric motor. S. S. Gadzhiev. Energetik 9 no. 5:25 My '61.

Stabilization of turbine oils under operating conditions. R. I. Dashkina and others. Elektrichestva. 31 no. 12 41-44 D '60.

Watch and instrument lubricating oils for tropics. N. E. Galitsova. Priborostroenie no. 5 27 My '61.

LUBRICATION AND LUBRICANTS—ADDITIVES

Additives for oils used in power engineering. V. S. Ivanov, E. A. Mirzoeva. Energetik 9 no. 5:18-20 My '61.

New method for determining the content of an active neutralizing additive in motor oils. V. D. Reznikov, IU. S. Zaslavskii, G. I. Shor. Khim. i tekh. topl. i masel 6 no. 5 63-66 My '61.

Synthesis and properties of antiwear additives to lubricants. P. I. Sanin and others. Trudy Inst. nefti 14:98-117 *'60.*

LUBRICATION AND LUBRICANTS—TESTING

Infrared spectroscopic study of the stability of AMG-10 oil to thermal oxidation. B. G. Savinov, P. L. Klimenko. Khim. i tekh. topl. i masel 6 no. 5 60-63 My '61.

LUGA DISTRICT—CORN (MAIZE)

An acknowledgement; a sketch. A. Kholodilov. Zvezda no. 3:3-15 Mr '61.

LUGANSK—DIESEL LOCOMOTIVES

A revolutionary plant. O. Luk'ianenko. Ukraina no. 6: 8b-10 Ap '60.

LUGANSK PROVINCE—COAL MINES AND MINING—SAFETY MEASURES

Eliminate causes of accidents in mines of the Lugansk Economic Council. A. I. Stakhanov. Bezop. truda v prom. 4 no. 5:3-6 My '60.

LUGANSK PROVINCE—DRUGSTORES

Reorganization and development of the drugstore network in Stalino and Lugansk Provinces during the decade 1943-1953. N. I. Bryl'ova, M. M. Lytvynenko. Farmatsev. zhur. 15 no. 1 56-61 '60.

LUKHOVITSY DISTRICT—HIGHWAY DEPARTMENTS

Affairs and people of the Lukhovitsy District Highway Department. I. Gavrilov. Avt. dor. 24 no. 4:4-6 Ap '61.

LUK'YANOVKA (MOSCOW PROVINCE)—COOPERATIVE SOCIETIES

Contribution of the Luk'yanovka cooperative society workers. V. Litmin. Sov. potreb. koop. 5 no. 5:15-16 My '61.

LUMBER

Economical means of sawing up a round log. I. Beschinskii. Sel'. stroi. 15 no. 3:17 Mr '61.

LUMBER—DRYING

More discussion on the economics of lumber drying by the induction method. N. N. Gei, M. G. Potapov, I. A. Litvinskii. Der. prom. 10 no. 5:4-6 My '61.

Transient processes in the drying chambers and selection of the regulating system. IA. L. Portnov, V. P. Agapov. Der. prom. 10 no. 5:1-4 My '61.

LUMBER—LAW AND LEGISLATION

New special regulations on the delivery of lumber and prefabricated buildings. N. Shirinev, M. Morgulis. Sov. iust. no. 4:33-37 Ap '60.

LUMBER—TRANSPORTATION

Academician V. N. Obraztsov and the land transportation of lumber. M. M. Korunov. Izv. vys. ucheb. zav., les. zhur. 3 no. 1:170-172 '60.

Better composition of barge trains for lumber transportations in the basin of the Irtysh River. E. Mukhin. Rech. transp. 20 no. 5:8-9 My '61.

[Lumber floating in foreign countries; collected surveys and translations] Splav lesa v zarubezhnykh stranakh; sbornik obzorov i perevodykh statei. Obzory i otv. red. G. E. Arnshteina. Moskva, Goslesbumizdat, 1960. 64 p.

LUMBER TRADE

Direct payments in business enterprises. M. Kazaletov, I. Fafila. Den i kred. 14 no. 5 18-25 My '61.

LUMBERING

(see also subdivision under Archangel Province)

Economic efficiency of the introduction of automation in lumberyards. A. G. Zheludkov. Mekh. i avtom. proizv. 15 no. 5, 10-12 My '61.

Effect of felling and skidding methods on the preservation of undergrowth. M. I. Kulikov, F. P. Zhdankin. Les. khoz. 14 no. 6 22-23 Je '61.

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po voprosam truda i zarabotnoi platy. [Standard production and wage norms in logging camps] Edinye normy vyrabotki i rastsenki na lesozagotovkakh. Moskva, Goslesbumizdat, 1960. 71 p.

Some additions to the theory of the volumetric use of saw logs. F. L. Fishkina. Izv. vys. ucheb. zav.: les. zhur. 3 no. 1 116-120 '60.

LUMBERING—EQUIPMENT AND SUPPLIES

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 91-55 for checking lumber-measuring rulers] Instruktsiia 91-55 po poverke lesnykh skob. Izd. ofitsial'noe. Moskva, 1957. 3 p.

LUMBERING—MACHINERY

Automatic unloading of full-length logs from trucks. S. I. Karavashkin. Mekh. i avtom. proizv. 15 no. 5, 25-28 My '61.

Operational properties of skidding winches. S. I. Rakhmanov. Izv. vys. ucheb. zav.: les. zhur. 3 no. 1 62-68 '60.

LUMINESCENCE

Admixture elements as activators of luminescence in carbonate rocks. A. D. Pervukhina. Trudy Inst. min., geokhim. i kristallokhim. red. elem. no. 3 227-235 '59.

Application of radioluminescence induced by polonium-210 α-particles to the analysis of ores and minerals. I. N. Plaksin, M. A. Belikov, I. P. Starchik. Dokl. AN SSSR 136 no. 5, 1165-1167 F '61.

Connection between edge luminescence and the structure of the basic absorption edge. E. F. Gross, R. I. Shekhmamet'ev. Fiz. tver. tela 3 no. 3 889-894 Mr '61.

Control of the degree of vulcanization of rubbers with the aid of an instrument for luminescence analysis. A. N. Faidysh and others. Kauch. i rez. '0 no. 5 50-53 My '61.

Detection of Cl. botulinum with the aid of luminescent antibodies. Report No. 1. Production of specific luminescence in Cl. botulinum during their processing with luminescent immune serum [with summary in English]. T. A. Kalitina. Biul. eksp. biol. i med. 49 no. 3 01-04 Mr '60.

Effect of temperature on the electroluminescence of the ZnS-Mn phosphor sublimate. N. A. Vlasenko. Opt. i spektr. 8 no. 3 411-417 Mr '60.

Effect of the adsorption of gases on electroluminescence. L. K. Vereshchagin. Opt. i spektr. 8 no. 3 420-421 Mr '60.

Luminescence of impurity centers. Part 3. A. M. Ratner, G. E. Zil'berman. Fiz. tver. tela 3 no. 3 687-697 Mr '61.

Luminescence of impurity centers. Part 4. A. M. Ratner. Fiz. tver. tela 3 no. 3 704-712 Mr '61.

The possible use of infrared luminescence in the exposure of the erased and washed off texts of documents. I. D. Kucherov. Sov. krim. na sluzh. sled. no. 14 162-168 '61.

Ultrasonic luminescence; a survey. L. E. El'piner. Akust. zhur. 6 no. 1 3-15 '60.

LUMINESCENT SUBSTANCES

Synthesis of luminescent heterocyclic compounds. E. E. Baroni, K. A. Kovyrzina. Zhur. ob. khim. 31 no. 5 1641-1643 My '61.

Use of organic luminophors to determine the movement of sand drifts. N. F. Bitiukova. Trudy TSNIIMF 7 no. 32 85-88 '61.

LUMUMBA, PATRICE, 1925-1961

Hero of Africa; meetings with Patrice Lumumba. Romano Ledda. Inostr. lit. no. 5 222-229 My '61.

LUNGS

Histochemical data on some disorders on metabolism in the lungs and liver in acute radiation sickness [with summary in English]. A. E. Ivanov, N. N. Kurshakova. Biul. eksp. biol. i med. 50 no. 7 59-62 Jl '60.

LUNGS—CANCER

Clinical problems in the X-ray diagnosis of so-called primary spherical cancer of the lung. V. A. Shanina. Terap. arkh. 33 no. 4 45-48 '61.

Dynamics of the roentgenological picture of cancer of the lung under the influence of telegamma therapy. S. IA. Marmorshtein, T. N. Matveeva. Vop. onk. 7 no. 3 12-20 '61.

Zhukovitskii, I. M. [Prevention of pulmonary cancer] Profilaktika raka legkikh. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 12 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

LUNGS—COLLAPSE

Functional restoration in a rigid lung after decortication in contralateral thoracoplasty. G. I. Pershanskii. Probl. tub. 39 no. 3 107-108 '61.

Intrapleural plombage with porolon in association with pulmonary resection. A. G. Gubanov, A. F. Fedotov. Probl. tub. 39 no. 3 11-19 '61.

LUNGS—DISEASES

Course of experimental pulmonary candidiasis after irradiation. A. V. Tsinzerling. Med. rad. 6 no. 3 51-54 '61.

Effect of zoohygienic factor on the occurrence of pulmonary diseases in young pigs. A. O. Kovalkov and others. Visnyk sil'hosp. nauky. 1 no. 4 93-100 Ap '61.

Georgievskaia, L. M. [Regulation of gas exchange in chronic cardiac and ventilation insufficiency, transport of gases by the blood] Regulialtsiia gazoobmena pri khronicheskoi serdechnoi i ventiliatsionnoi nedostatochnosti, transport gazov krov'iu. [Leningrad] Gos. izd-vo med. lit-ry, Leningr. otd-nie, 1960. 223 p. (DNLM)

"Influenza and pulmonary inflammation in young children" by I. N. Polapova. Reviewed by A. F. Mamashova. Med. sestra 20 no. 3 54-55 Mr '61.

Late results of treating chronic pulmonary suppuration by the intrapulmonary use of antibiotics. A. S. Melik-Karamian. Med. zhur. Uzb. no. 4 39-43 Ap '61.

LUNGS—DUST DISEASES

Amount of silicon in the blood, tissues, and urine of patients with silicosis. Z. K. Beglova, A. I. Alekseeva. Trudy Inst. krnev. pat. AN Kazakh. SSR 8:21-24 '60.

Capillary permeability in anthracosis, pulmonary emphysema, and diffuse pneumosclerosis of nonsilvigenic etiology. K. I. Simbiriakova. Terap. arkh. 33 no. 4 42-45 '61.

Changes in the bronchial tree in pneumoconioses combined with bronchogenic cancer. E. A. Dikshtein. Vop. onk. 7 no. 3, 20-26 '61.

Effect of molybdenum dust on the animal organism. V. Z. Khamitova. Trudy Inst. krnev. pat. AN Kazakh. SSR 8:3-14 '60.

Influence of manganese in the rise of silicosis. M. L. Pigulevskaia. Trudy Inst. krnev. pat. AN Kazakh. SSR 8:15-20 '60.

Pathological anatomy of experimental silicosis. S. F. Serov. Trudy Inst. krnev. pat. AN Kazakh. SSR 8:32-43 '60.

Pathomorphological changes in the lungs of white rats caused by mine dust of the Karaganda Coal Basin. Z. K. Beglova. Trudy Inst. krnev. pat. AN Kazakh. SSR 8:25-31 '60.

Pathomorphology of the bronchial tree and manifestations of disorders of bronchial permeability in silicosis. S. F. Serov. Trudy Inst. krnev. pat. AN Kazakh. SSR 8:44-49 '60.

Petrukhin, P. M. [Prevention of silicosis and anthracosis in mines] Profilaktika silikoza i antrakoza na shakhtakh. Moskva, Gos. nauchno-tekhn. izd-vo po gornomu delu, 1960. 55 p.

Silicosis at a gold mine in Kazakhstan. I. V. Tuliakov, V. Z. Khamitova, M. L. Pigulevskaia. Trudy Inst. krnev. pat. AN Kazakh. SSR 8:56-61 '60.

Silicosis in patients removed to the surface. A. N. Butorina. Trudy Inst. krnev. pat. AN Kazakh. SSR 8:50-55 '60.

Simpozium po probleme pnevmokoniozov, 1957. [Transactions of the Symposium on the Problem of Pneumoconiosis, etiology and pathogenesis] Trudy. etiologiia i patogenez. Red. kollegiia: A. A. I Moskva, Gos. izd-vo med. lit-ry, 1959. 27[illegible]
(DNLM)

Work on the prevention of silicosis a[illegible]sis at the newly organized mines of Manannikova and others. Sbor. trud. tub. inst. 3 193-195 '57.

LUNGS—INNERVATION

Development of the pulmonary nervou[illegible] [with summary in English]. V. N. Sl[illegible] anat. gist. i embr. 39 no. 7 47-53 [illegible]

Studying pulmonary mechanoreceptor[illegible] pression of afferent signals. A. V. [illegible] SSSR 138 no. 3 725-728 My '61.

LUNGS—RADIOGRAPHY

On detecting lung diseases, based on examinations of textile workers in [illegible] E. I. Nikiforova. Probl. tub. 38 no[illegible]

LUNGS—SURGERY

Bronchoscopy in patients with tuberc[illegible]tion of the lung. G. B. Podgaetskii. no. 3, 40-44 '61.

Conservative resection of the lung in Pushkarenko. Probl. tub. 38 no. 4

Indications for the use of artificial by surgery. M. I. Perel'man, F. M. Iof obozhol. no. 2 131-143 '60.

Intrapleural plombage with porolon in pulmonary resection. A. G. Gubanov. Probl. tub. 39 no. 3 44-49 '61.

Roentgenographic picture of complications after pn[illegible] nectomy. E. E. Abarbanel'. Vop. onk. 7 no. 3[illegible] '61.

"Surgical treatment of pulmonary tuberculosis, a [illegible] for the practicing physician" by G. S. Levin. Rev[illegible] by V. Bazhenov. Zdrav. Belor. 6 no. 4 73 Ap '[illegible]

LUNGS—TUMORS

Changes in the morphology of explants of connectiv[illegible] in rats under the influence of methylcholanthrene[illegible] extract of human lung tumor [with summary in [illegible] M. T. Moglia, IA. V. Dobrynin. Biul. eksp. biol. i m[illegible] no. 2 95-98 F '60.

Effect of ionizing radiations on urethane-induced [illegible] of the lungs in mice. L. A. Griksaite. Vop. onk. [illegible] no. 3 61-68 '61.

Roentgenographic picture of complications after pn[illegible] nectomy. E. E. Abarbanel'. Vop. onk. 7 no. 3 3[illegible] '61.

LUNINETS DISTRICT—PUBLIC HEALTH

In Luninets District. A. Korbut. Zdrav. Belor. 6 77 Ap '60.

LUPINE

Lupinus elegans. N. V. K. A. I. Atabekova. Biul. Glav[illegible] sada no. 38 52-56 '60.

Moist heating and the vernalization of forage lupin[illegible] [with summaries in English, German, and Frenc[illegible] IU. K. Melikhova. Vest. sel'khoz. nauki 6 no. 5 2[illegible] My '61.

LUPUS ERYTHEMATOSUS

Clinical aspects and therapy of systemic lupus ery[illegible] tosus. A. V. Ivanov, A. G. Poliakova. Terap. arkh. [illegible] no. 4 65-71 '61.

LURISTAN—HISTORY

Some data on the distribution and situation of the L[illegible] the late 19th and the early 20th century. L. S. Fr[illegible] Uch. zap. Kazakh. un. 47:51-63 '60.

LÜTZOW-HOLM BAY—GRAVITY

Gravity gradient in the Lützow-Holm Bay. G. D. K[illegible] Fin. Inform. biul. Sov. antark. eksp. no. 25 39-42

LÜTZOW-HOLM BAY—OCEAN CURRENTS

Current in the Lützow-Holm Bay. L. I. Eskin. Inf[illegible] biul. Sov. antark. eksp. no. 24 30-32 '60.

LUXEMBURG, ROSA, 1870-1919—BIBLIOGRAPHY

Bibliography—Luxemburg, Rosa, 1870-1919.

L'VINAYA PAST' BAY

Some specific features of the hydrological regime [illegible] fauna of the flooded volcanic crater of L'vinaya P[illegible] Bay on Iturup Island (Kurile Islands). P. V. Ushak[illegible] Issl. dal'nevost. mor. SSSR no. 7 344-348 '61.

LVOV—AIR—MICROBIOLOGY

Distribution of bacterial flora in the air over popul[illegible] and remote areas [with summary in English]. IA. Kishko. Mikrobiologiia 30 no. 1 118-121 Ja-F[illegible]

LVOV—ATHEISM

Our spiritual life has been changed. S. Anpilohov. [illegible] ateist no. 4 16-18 Ap '61.

LVOV—AUTOMOBILE INDUSTRY—HYGIENIC ASP[illegible]

It is always easier together. O. Shumnyi. Okhr. t[illegible] sots. strakh. 4 no. 5 14 My '61.

LVOV—RESTAURANTS, LUNCHROOMS, ETC.

Striving for a citation as a communist labor team at the eve of the Congress of the CPSU. I. Vasilina, A. Ostrik. Obshchestv. pit. no 5:6 My '61.

LVOV—THEATER

Theatrical center. Mykhaylo Rudnitskyi. Mystetstvo 8 no 2 26-27 Mr-Ap '61

LVOV ECONOMIC REGION—BUILDING MATERIALS

Natural building materials in the Lvov Economic Administrative Region. I. N. Tkachuk. Pyt. rozv. prod. syl L'viv. i Stan. ekon. adm. rai. no. 1 122-131 '60

LVOV ECONOMIC REGION—PHOSPHORITES

Phosphorites of the Stanislav and Lvov Economic Administrative Regions. D. N. Kovalenko. Pyt. rozv. prod. syl L'viv. i Stan. ekon. adm. rai. no. 1 99-103 '60.

LVOV ECONOMIC REGION—ROCKS

Industrial use of rock material in the Lvov Economic Region. N. M. Davydov, I. S. Ptenko. Pyt. rozv. prod. syl L'viv. i Stan. ekon. adm. rai. no. 1 110-121 '60

LVOV-LYUBLIN REGION—GEOLOGY, STRUCTURAL

Present-day view on the tectonic pattern of the Hercynian trough in the Lvov-Lyublin foothills. M. A. Didenko. Geol. zhur. 20 no 1 89-94 '60

LVOV PROVINCE—COAL MINES AND MINING—ACCIDENTS

Causes of an accident at the No. 4 "Novovolynskaia" Mine. P. A. Voloshin. Bezop. truda v prom. 5 no. 5,15-16 My '61.

LVOV PROVINCE—POLITICS AND GOVERNMENT

Drawing workers into the work of Soviet agencies. V. Vasil'ev, Iu. Tikhomirov. Sov. deput. trud. no. 6 27-38 Je '61.

LVOV-VOLYN' BASIN—COAL GEOLOGY

Some characteristics of the origin and development of the volcanic formation in the Lvov-Volyn Basin. V. Z. Il'inskos. Pratsi Inst. geol. kor. kop. AN URSR 2 59-82 '60

LVOV-VOLYN' BASIN—COAL MINES AND MINING

Geological and economic study of the Lvov-Volyn' coal basin. V. Z. Il'inskov. Pyt. rozv. prod. syl L'viv. i Stan. ekon. adm. rai. no. 1 20-39 '60.

LVOV-VOLYN' BASIN—GEOLOGY

Geological and economic study of the Lvov-Volyn' coal basin. V. Z. Il'inskov. Pyt. rozv. prod. syl L'viv. i Stan. ekon. adm. rai. no. 1 20-39 '60.

LYAKHOVICHI DISTRICT—CHILDREN—EMPLOYMENT

A production brigade of a rural school's students. N. Turkhau. Nar. asv. no. 3 41-47 Mr '61.

LYAKHOVICHI DISTRICT—PIONEERS (COMMUNIST YOUTH)

The two-year plan of a Pioneer group. L. Azimka. Nar. asv. no. 4 33-37 Ap '61.

LYMPHATICS

Cannula and clamp for lymph and blood vessels. V. S. Kupriianov. Fiziol. zhur. 47 no 3 403-404 Mr '61.

Development of collateral lymph circulation following local X-ray radiation [with summary in English]. T. D. Pozharitskaia. Arkh. anat. gist. i embr. 40 no 2 101-105 F '61.

Experimental fistulae of the thoracic duct and lymphatic vessels of the extremities and method for collecting lymph from the lymphatic vessels in cats and dogs. N. V. Medunitsyn. Pat. fiziol. i eksp. terap. 4 no 2 69-71 Mr-Ap '60.

Internal lymphatic system of the main branchi in man [with summary in English]. V. N. Bulashev, L. P. Zhemchuzhnikova. Arkh. anat. gist. i embr. 40 no 3 66-69 Mr '61.

Lymph drainage pathways from the larynx into the retropharyngeal lymph nodes [with summary in English]. Iu. N. Andriushin. Arkh. anat. gist. i embr. 40 no. 3 70-72 Mr '61.

Some reflexes in the lymphatic system. Z. T. Valeeva. Fiziol. zhur. 47 no. 3 310-320 Mr '61.

Structure of the connective tissue and lymphatic system of the myocardium in man [with summary in English]. V. V. Fedlat. Arkh. anat. gist. i embr. 40 no. 2, 76-81 F '61

LYMPHATICS—DISEASES

Lymphadenitis in children and its treatment. L. L. Gol'dzand. Fel'd. i akush. 26 no. 5:7-9 My '61.

LYMPHATICS—TUBERCULOSIS

Bronchial calculus following rupture of a caseous-fused lymphatic gland in the lumen of the bronchial tree in the adult. A. N. Protopopov, A. A. Chelnokova. Probl. tub. 38 no. 3:114-115 '60.

Bronchial calculus following rupture of a caseous-fused lymphatic gland in the lumen of the bronchial tree in the adult. A. N. Protopopov, A. A. Chelnokova. Probl. tub. 38 no. 3:114-115 '60.

Case of erroneously diagnosed acute cholecystitis in tuberculous lesions of the lymph nodes of the abdominal cavity. B. V. Smirnov. Probl. tub. 38 no. 4:101-102 '60.

LYMPHOID TISSUE

Role of lymphoid organs in the formation of antitoxic immunity [with summary in English]. G. V. Shumakova. Biul. eksp. biol. i med. 51 no. 4 80-84 Ap '61.

LYMPHOID TISSUE—BLOOD SUPPLY

Veins in the lymphoid formations of the intestine in man and in some vertebrate animals [with summary in English]. M. F. Egorova. Arkh. anat. gist. i embr. 40 no. 4 39-45 Ap '61.

LYSERGIC ACID

Diethylamide of lysergic acid in psychiatry (from "Annales medico-psychologiques," no. 3, 1960). Zhur. nevr. i psikh. 60 no. 11:1549-1551 '60

LYSOV, MIKHAIL IVANOVICH

M. I. Lysov's twenty-fifth anniversary of collaboration on the journal, Avt. prom. 27 no. 5:48 My '61.

LYUBINO—CLOTHING INDUSTRY

In the "Clothing" store. G. Pelipovskii. Sov. potrebkoop. 7 no. 5 37 My '61

LYUBONICHI—HOSPITALS

In the Lyubonichi Section Hospital. B. Rubinshtein. Zdrav. Belor. 6 no. 4 77 Ap '60.

LYUDINOVO—ORPHANS AND ORPHANAGES

Fortieth anniversary of an orphanage. I. Sazonova, V. Kalashnikov. Det. dom. 16 no. 1 79 '60

MACHINE ACCOUNTING

Accounting in state commerce. V. Smirnov. Bukhg. uchet 18 no. 5 5-7 My '61

Measures on the mechanization of accounting and computing work. S. Ivanchenko and others. Bukhg. uchet 18 no. 5 49-52 My '61

Mechanizing wage payments in a construction organization. A. Fokeev. Bukhg. uchet 18 no. 5 51-57 My '61

Simplifying original accounting for labor. A. Zhukov, A. Pashko. Bukhg. uchet 18 no. 5 47-49 My '61

MACHINE MOLDING (FOUNDING)

Press for the semi-dry pressing of refractory steel casting articles. I. I. Ilichenko. Ogneupory 26 no. 4,171-175 '61.

MACHINE-SHOP PRACTICE

Straightening shafts with a gas-burner flame. A. I. Shmelev. Vest. mash. 41 no. 5:49-53 My '61.

MACHINE-TOOL INDUSTRY

Improve long-range planning in the machine-tool industry. Stan. i instr. 32 no. 5:1-2 My '61.

Modernization of machine-tool stock is an important objective of the machine-tool industry. Stan. i instr. 31 no. 5 1-2 My '60.

MACHINE-TOOL INDUSTRY—LABOR PRODUCTIVITY

Methodology of calculating labor productivity according to the specialization factor. D. Efremova, A. Musifulin. Plan. khoz. 38 no. 6 31-41 Je '61

MACHINE-TOOL INDUSTRY—TECHNOLOGICAL INNOVATIONS see subdivision under Alma-Ata

MACHINE TOOLS

Automation of the machining of shafts. E. I. Zazerskii. Stan. i instr. 32 no. 5:20-24 My '61.

Burnishing and flattening of surfaces (experience abroad). M. O. Iakobson, M. I. Siburov. Stan. i instr. 32 no. 5: 36-37 My '61.

Exhibition of machine tools in England [Part 3]. A. P. Vladzievskii, M. O. Iakobson. Biul. tekh.-ekon. inform. no. 4:62-66 '61.

Jig measuring machines (revue of foreign models). A. N. Avdulov. Stan. i instr. 32 no. 5:31-36 My '61

The LF-21 heavy-duty planer-type milling and boring machine. I. V. Domanik, M. I. Kiselev. Mashinostroitel' no. 5:13 My '60.

New automatic lines and machine tools. Stan. i instr. 31 no. 5, 39-40 My '60.

New machine tools and instruments. Stan. i instr. 32 no. 5:39-39 My '61.

The 1S164 special drilling and milling machine. V. I. Donskoi, Iu. V. Nakilin. Mashinostroitel' no. 5:12 My '60.

MACHINE TOOLS—ATTACHMENTS

Clamping devices with liquid plastic. M. Kishvari, S. S. Nekrasov. Nauch. rab. stud. GNSO MGI no. 7:186-193 '59.

Use of pneumatic clamp devices at the Voronezh Excavator Plant. G. A. Fedorov. Stroi. i dor. mash. 6 no. 2, 32-35 F '61.

MACHINE TOOLS—BRAKES

Machine-tool brake. A. A. Ol'iak. Stan. i instr. 31 no. 5:37-38 My '60.

MACHINE TOOLS—ELECTRIC DRIVING

Speeding-up dynamics in machine tools with a divided drive. Iu. M. Andrushevich. Izv. vys. uchob. zav.; mashinostr. no. 3:64-73 '61.

MACHINE TOOLS—NUMERICAL CONTROL

Follow-up valves for program-controlled machine tools. G. I. Kamenetskii. Stan. i instr. 32 no 5:13-18 My '61.

Kobrinskii, A. E. [Numbers operate machine tools] Chisla upravliaiut stankami. Moskva, Izd-vo Akad. nauk SSSR, 1961. 189 p. (Nauchno-populiarnaia seriia)

Two-pulse mechanisms for program controlling of movements of chucking tables. M. Ia. Moldavskii. Stan. i instr. 31 no. 5 15-17 My '60

MACHINE TOOLS—PNEUMATIC DRIVING

Rotor drive. M. M. Abakumov. Mashinostroitel' no. 5:8-9 My '60.

MACHINE TOOLS—STANDARDS

Standards for the machine-tool industry. Stan. i instr. 31 no. 5 insert My '60.

MACHINE TOOLS—VIBRATION

Effect of the shape of the cutting edge of a cutting tool on the vibration resistance of a machine tool. V. A. Kudinov, E. S. Sikhanov. Stan. i instr. 32 no. 5:24-25 My '61

MACHINE TRANSLATING

The conception of valency in language [with summary in English]. L. N. Zasorina, V. P. Berkov. Vest. LGU 16 no. 8 133-140 '61

Cybernetic "polyglots." L. Shatol'. Moskva 4 no. 3: 182-186 '60.

MACHINERY

High reliability and durability of machines and instruments is a matter of paramount importance. Mekh. i avtom. proiz-v. 15 no. 5,48-51 My '61

Machines of "the Department of Mr. Tatishchev." V. I. Ostol'skii, I. N. Zagorskii. Trudy Inst. ist. est. i tekh. 30,298-300 '61

MACHINERY—BIBLIOGRAPHY see Bibliography—Machinery

MACHINERY—CONSTRUCTION

Using plastics in making attachments and auxiliary devices in the manufacture of machinery. V. S. Korsakov. Izv. vys. uchob. zav., mashinostr. no. 3:88-95 '61.

MACHINERY—DESIGN

(see also subdivision under Moscow)

Modular design. I. Kapustin. Tekh. mol. 29 no. 4:1-2 Ap '61.

MACHINERY—DRAWING

The first Russian atlases of machinery drawings. I. I. Uvarova. Trudy Inst. ist. est. i tekh. 38 3-10 '61

MACHINERY—MAINTENANCE AND REPAIR

Processes of heat treatment and certain characteristics of the hard facing of small cylindrical parts. V. A. Shebanov. Avtom. svar. 14 no. 5:30-36 My '61.

MACHINERY, AUTOMATIC

Automatic production line consisting of two machine tools. M. Lyskov. Nauka i zhizn' 27 no. 1 66-67 Ap '60.

New automatic lines and machine tools. Stan. i instr. 31 no. 5 39-40 My '60.

MACHINERY IN INDUSTRY

(see also subdivision under Kuybyshev Province)

Determining the efficiency of capital investments for new machinery. L. Kuznetsova, N. Iur'ev. Plan. khoz. 38 no. 6 42-47 Je '61

Improve the methodology for determining the time in which new machinery pays for itself. I. Barats, M. Iogovinskii, IA. Shneerov. Plan. khoz. 38 no. 6 47-52 Je '61

In the republics of the Union. Mest. prom. i khud. promys. 2 no. 5 18-19 My '61

Man and machinery. Mest. prom. i khud. promys. 2 no. 5, 20-21 My '61.

Measuring labor mechanization standards accounting for its productivity. N. Kaminskii, IA. Kvasha. Vest. stat. no. 5:46-54 '61.

Mechanization means progress. R. Lavlinskaia. Mest. prom. i khud. promys. 2 no. 5-6-7 My '61.

MACHINERY IN INDUSTRY—CONGRESSES

From the readers' conference in Rostov-On-Don. Plan. khoz. 38 no. 6 95-96 Je '61

MACHINERY INDUSTRY

(see also subdivision under Kramatorsk; Lvov; Moscow, Rostov Province; Samarkand; Stalingrad Province; Sverdlovsk; Sverdlovsk Province)

Influence of technological progress upon the professional structure, nature and contents of workers' labor in machinery manufacturing. N. Morkin, Kh. Rodriges. Biul. nauch. inform.: trud i zar. plata 4 no. 5:3-9 '61.

Troianov, A. K. [Organization of the manufacture of machinery] Kak organizovano proizvodstvo mashin. Moskva, Mashgiz, 1960. 30 p. (Biblioteka rabochego mashinostroitelia. Seriia: "Osnovy konkretnoi ekonomiki," no. 2)

MACHINERY INDUSTRY—ACCOUNTING
(see also subdivision under Leningrad)
Nomenclature of workshop expenditures IU Tokarskii Bukhg uchet 18 no 3 15-16 My '61
A step backward A Stadnik Bukhg uchet 18 no 5 14-15 My '61

MACHINERY INDUSTRY—BIBLIOGRAPHY see Bibliography—Machinery industry

MACHINERY INDUSTRY—FINANCE
Bushmich, G.A. [Business accounting is accounting in a businesslike manner] Khozraschet - eto uchet po-khoziaiski. Moskva, Mashgiz, 1960. 33 p. (Biblioteka rabochego mash'nostroitelia Serila "Osnovy konkretnoi ekonomiki," no. 11)

MACHINERY INDUSTRY—HYGIENIC ASPECTS
Let's prepare a worthy welcome for the 22d Party Congress. F. Shukhov, V Kozlov, V. Georgiev. Okhr. truda i sots. strakh. 4 no.5.5-6 My '61

MACHINERY INDUSTRY—LABOR PRODUCTIVITY
Radukin, V. P. [Labor organization in a workshop] Organizatsiia truda na rabochem meste. Moskva, Mashgiz, 1960. 16 p. (Biblioteka rabochego mashinostroitelia Serila "Osnovy konkretnoi ekonomiki," no. 4)
Vlasova, A. A., Z. S. Drugaleva, and L. M. Zhukova. [How to increase labor productivity] Kak povysit' proizvoditel'nost' truda. Moskva, Mashgiz, 1960. 37 p. (Biblioteka rabochego mashinostroitelia Serila "Osnovy konkretnoi ekonomiki," no. 6)

MACHINERY INDUSTRY—STANDARDS
Standards for the machinery industry. Standartizatsiia 25 no.5:63-64 My '61.

MACHINERY INDUSTRY—TECHNOLOGICAL INNOVATIONS
(see also subdivision under Kharkov, Tambov)
Outstanding achievements of patriots, press review. Mashinostroitel' no.5 4-5 My '60.
Scientific conference of institutions for higher education on automation and mechanization of production processes in the machinery industry. A. M. Bezborodov. Vest. mash. 41 no.5:85-86 My '61
Smirnitskii, E. K. [Machinery-industry worker and technological innovations] Rabochii - mashinostroitel' i tekhnicheskii progress. Moskva, Mashgiz, 1960. 48 p. (Biblioteka rabochego mashinostroitelia. Serila "Osnovy konkretnoi ekonomiki," no. 1)

MACHINERY INDUSTRY WORKERS see subdivision under Leningrad

MACROMOLECULAR COMPOUNDS
Concentration dependence of macromolecular dimensions in solution [with summary in English] IU E Eizner Vysokom. soed 3 no 5:746-757 My '61
Macromolecular configurations of high-polymeric ribonucleic acid according to the data of electron microscopy. N A Kiselev, L. I Gavrilova, A S Spirin Dokl AN SSSR 138 no 3 692-694 My '61.
Mechanism of high polymer cohesion and adhesion N. I Moskvitin, N. M. Alferova, V. N Nikitina Izv vys uchеb zav , ks zhur 3 no 1 134-140 '60
Strepikheev, A. A., and V. A. Derevitskaia. [Principles of the chemistry of macromolecular compounds] Osnovy khimii vysokomolekuliarnykh soedinenii. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1961. 354 p.
Studying the viscous and elastic properties of high polymers. V. I. Amulov, IU. V. Zelenev, N. M Novikov. Izv. vys. ucheb. zav , tekh. leg. prom no. 2:151-159 '61

MACROMOLECULAR COMPOUNDS—CONGRESSES
International Symposium on Macromolecular Chemistry held in Moscow. P. V. Kozlov, V. A. Kabanov, N. A. Plate. Vysokom. soed. 3 no.2:328-348 F '61.

MAGADAN PROVINCE—PUBLIC HEALTH
"Studies on the history of the public health system in Magadan Province" by A F. Khoroshev Reviewed by P B. Vinogradov Sov. zdrav 20 no. 1 81-82 '61

MAGIDSON, ONISIM IUL'EVICH, 1891-
Professor O. IU. Magidson; on his 70th birthday and his 45th year of scientific activity Med. prom. 15 no. 3. 3-5 Mr '61.

MAGNESIA CEMENT
Effect of various additives on the properties of magnesia cements. S. M. Rolik, V. V. Myshlineva, T. A. Osokina. Nauch. soob. NIITSementa no. 9:38-42 '60.
Magnesia binding materials for xylolite floors. Georgi N. Babachev. Stroi. mat. 7 no. 4:40-3 of cover Ap '61.

MAGNESIUM
Dynamics of chlorine and magnesium in the electrolysis of fused chlorides. E A Ukshe, G. V. Poliakova, G A. Medvetskaia. Zhur prikl khim. 33 no. 10:2279-2284 O '60.

MAGNESIUM—HYDROGEN CONTENT
Determining the hydrogen content in magnesium. A. P. Gudchenko, V. V. Serebrinkov. Trudy MATI no. 49. 160-169 '61.

MAGNESIUM—PHYSIOLOGICAL EFFECT
Problem of functional changes in the spinal cord of frogs during stimulation of the optic thalamus with sodium and magnesium salts V F Shirokii Fiziol. zhur 47 no 5 575-581 My '61.

MAGNESIUM ALLOYS—ELECTRIC PROPERTIES
Effect of mechanical stresses on negative difference effects. V V. Romanov Trudy Inst met. no 4 243-249 '60

MAGNESIUM ALLOYS—HYDROGEN CONTENT
Hydrogen in the ML5 alloy. M. V. Sharov, V. V. Serebrinkov. Trudy MATI no. 49:170-179 '61.

MAGNESIUM-ALUMINUM ALLOYS see Aluminum-magnesium alloys

MAGNESIUM-CERIUM ALLOYS—METALLOGRAPHY
Crystal structure of certain phases in alloys of magnesium with cerium and neodymium. M. S. Beletskii, E. L. Gal'perin. Fiz. met. i metalloved. 11 no. 5 698-703 My '61.

MAGNESIUM COMPOUNDS
Effect of magnesium compounds on the composition and hygroscopicity of simple and ammoniated superphosphates. A. A. Vlasnikova, M N Nabiev. Izv. AN Uz. SSR no 11:25-35 '55.

MAGNESIUM COMPOUNDS—SPECTRA
Effect of certain electrophilic compounds on the absorption and luminescence spectra on magnesium phthalocyanine solutions. I. A. Akimov, G A. Korsunovskii. Opt. i spektr. 8 no. 3 427-428 Mr '60.

MAGNESIUM IN THE BODY
Effect of irradiation on the magnesium content of the rat liver [with summary in English]. G. A. Kochetov Biokhimiia 26 no. 2 319-322 Mr-Ap '61.

MAGNESIUM-LITHIUM-ALUMINUM ALLOYS see Lithium-magnesium-aluminum alloys

MAGNESIUM-NEODYMIUM ALLOYS—METALLOGRAPHY
Crystal structure of certain phases in alloys of magnesium with cerium and neodymium. M. S. Beletskii, E. L. Gal'perin. Fiz. met. i metalloved. 11 no. 5. 698-703 My '61.

MAGNESIUM OXIDE
Effect of the addition of certain cations on the sintering of spectrally pure magnesium oxide. P P. Budnikov, T. N. Keshishian, V. K IAnovskii. Dokl. AN SSSR 138 no 2 365-368 My '61.

MAGNESIUM SILICATES
Characteristics of the distribution of magnesium silicate minerals P. P. Smolin. Geol rud mestorozh no 2 139-141 Mr-Ap '61.

MAGNESIUM SULFATE
Extracting boric acid from a mixture with a magnesium sulfate solution by ion exclusion. A. N. Popov, IU. S. Kononov. Izv. Sib. otd. AN SSSR no. 3 61-67 '61.
Mutual solubility in the quaternary system H_3BO_3 – Na_2SO_4 – $MgSO_4$ – H_2O at 50° C. E. G. Konobritskii, A. B. Bekturov. Izv. AN Kazakh. SSR, Ser. khim. no. 2 10-15 '60.
Mutual solubility in the quaternary system H_3BO_3 – Na_2SO_4 – $MgSO_4$ – H_2O at 25° C, E. G Konobritskii, A. B. Bekturov. Izv. AN Kazakh. SSR, Ser. khim. no. 2 16-20 '60.

MAGNESIUM SULFATE—PHYSIOLOGICAL EFFECT
Effect of $MnSO_4$ on the nature of Lactobacterium pentoaceticum fermentation under various conditions of aeration and culture acidity [with summary in English]. N. N Grechushkina Mikrobiologiia 30 no. 1:35-10 Ja-F '61.

MAGNESIUM SULFITE
Oxidation of magnesium sulfite and bisulfite in the process of SO_2 extraction from gases. B A Chertkov Zhur. prikl. khim. 33 no 10:2165-2172 O '60

MAGNESIUM-THORIUM ALLOYS—TESTING
Magnesium alloys containing thorium. M. L. Drits and others. Trudy inst. met. no. 4:74-83 '60.

MAGNETIC AMPLIFIERS
Method of designing saturable reactors for reversible controlled a. c. drives [with summary in English] I K Pappa Avtomatyka no 1 49-62 '60
Transient processes in an ionic generator excitation system. N. P. Kunitskii, G. M. Ivanov. Izv. vys. ucheb. zav.; elektromekh. 3 no. 12:3-13 '60.

MAGNETIC ANOMALIES
(see also subdivision under Antarctic regions)
Importance of magnetic studies of test holes for the interpretation of magnetic anomalies V. N. Ponomarev. Trudy Gor -geol inst UFAN SSSR no. 32:357-361 '59
Some problems relative to the transformation of curves of observed values of magnetic potential derivatives O A. Solov'ev. Geol i geof. no. 1:112-113 '61.

MAGNETIC FIELDS
Flow of a viscous conducting gas in a transverse magnetic field in the presence of heat exchange L. P Zinin Prikl mat i mekh 25 no 2 381-382 Mr-Ap '61
Galvanomagnetic effect in ferrites in the region of the Curie point K Zaveta Fiz. tver. tela 3 no. 3 856-860 Mr '61.
High-order focusing of a plane monoenergetic ion beam by a uniform field with boundaries of arbitrary shape [with summary in English] V. R Saulit Vest LGU 16 no 10 42-54 '61
Instability of an inhomogeneous rarefied plasma in a strong magnetic field I. I Rudakov, R Z Sagdev Dokl AN SSSR 138 no. 3 581-583 My '61
Investigating a toroidal discharge in a strong magnetic field [with summary in English]. G. G. Dolgov-Savel'ev and others Zhur. eksp i teor. fiz. 38 no 2 391-403 F '60.
Investigating the process of iron ore sintering in weak magnetic fields V V. Chekin, V P Romanov Trudy Inst. chern. met. AN URSR 12 101-105 '60
Magnetic iron channel for extracting and injecting charged particles. A A. Arzumanov and others. Atom ener 10 no. 5:461-468 My '61.
Magnetodiodes. E. I. Kan'okushan, V. I. Stafeev. Fiz. tver. tela 3 no 3 677-686 Mr '61.
Possibility of observing the fine structure of electronic and nuclear spin echo. U. Kh Kopvillem. Fiz. tver. tela 3 no 3 754-756 Mr '61.
Relaxation time of electrons in a high-frequency electromagnetic field and the surface impedance of a metal [with summary in English]. R. N. Gurzhi, M IA. Azbel'. Zhur. eksp. i teor. fiz. 38 no 2 521-528 F '60.

MAGNETIC FIELDS—MEASUREMENTS
Device equipped with a Hall transmitter for measuring magnetic fields. Izm. tekh. no. 5:57-58 My '61.

MAGNETIC MATERIALS
Effect of the electrical properties of a material on impulse remagnetization processes. M. G. Vilkov. Izv. vys. ucheb. zav. ,elektromekh. 3 no. 12:14-19 '60.

MAGNETIC MATERIALS—ELECTRIC PROPERTIES
Electrical resistance maximum of ferromagnetics with Curie points at low temperatures. E. L Kondorskii, O. S Galkina, L. A. Chernikova. Zhur. eksp. i teor. fiz. 38 no. 2 646-648 F '60.

MAGNETIC MATERIALS—NOISE
Studying noises in magnetic materials. V. V. Polenkin. Vest. Mosk. un. Ser 3 Fiz., astron. 15 no. 6. 54-58 N-D '60.

MAGNETIC MEASUREMENTS
Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 96-60 for checking fluxmeters (vebermeters)] Instruktsiia 96-60 dlia poverki fluksmetrov (vebermetrov). Izd. ofitsial'noe. Moskva, 1957. 7 p.

MAGNETIC MEMORY (CALCULATING MACHINES)
Compensation of the analog memory errors of a magnetic memory device B. V. Bolotov, V M Zakharov Izv. vys. ucheb. zav , radiotekh 4 no 2:215-217 Mr-Ap '61

MAGNETIC PROSPECTING
Computing the magnetic moments of three-dimensional bodies. A. M. Polonskii. Izv. AN SSSR. Ser. geofiz. no. 6:871-875 Je '61.
Kotliubakin, V. V., and M. I. Lapina. [Review of methods for solving direct and inverse magnetic prospecting problems] Obzor sposobov reshenitia priamoi i obratnoi zadach magnitnoi razvedki. Moskva, Izd-vo Akad. nauk SSSR, 1960. 356 p. (Akademiia nauk SSSR. Institut fiziki Zemli. Trudy, no. 13)
New type of metallometric surveying; "magnetic mineralometry," O. A. Savadskii. Geol. i geofiz. no. 12:123-124 '60.

MAGNETIC RECORDERS AND RECORDING
Indispensible device for the sound operator. R. Semenov. Sov. radio i tel. 8 no. 4:33 '59.
Pakhomov, IU. D. [Magnetic tape recorders manufactured abroad] Zarubezhnye magnitofony. Moskva, Gos. energ. izd-vo, 1961. 167 p. (Massovaia radiobibliioteka, no. 303)
Universal functional generator. A. I. Naidenov. Izv. vys. ucheb. zav. ;prib. 4 no. 2:14-19 '61.
Using a ring made of a ferromagnetic band in spectral analysis of noises. L. G. Khobata. Prom aerodin. no. 18:80-94 '60.

MAGNETISM
Telesnin, R. V., and V. F. IAkovlev. [Course in physics; electricity] Kurs fiziki; elektrichestvo. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 455 p.

MAGNETISM—SECULAR VARIATION
Drifts of continents; derived from paleomagnetic data [with summary in English]. I. A. Rezanov. Sov. geol. 4 no. 4:25-46 Ap '61.

MAGNETISM, TERRESTRIAL
(see also subdivision under Lazarev Station, Antarctica

Concerning I. M. Pudovkin's note "A few words on the criticism of V. I. Pochtarev's work." V. P. Orlov. Izv. AN SSSR. Ser. geofiz. no. 6 924-925 Je '61

Correlative interpretation of the highest derivatives of two-dimensional potential fields. M. G. Serbalenko. Geol. i geofiz. no. 4, 109-110 '61.

Effect of external drift currents on the magnetohydrodynamic self-excitation of the earth's magnetic field. B. A. Tverskoi. Dokl. AN SSSR 138 no. 2 318-450 My '61.

A few words on the criticism of V. I. Pochtarev's work "The earth's magnetic field in connection with other geophysical phenomena and the structure of the earth's crust." I. M. Pudovkin. Izv. AN SSSR. Ser. geofiz. no. 6 922-924 Je '61

Field determination of residual and induced magnetization ratio. V. A. Larionov. Geol. i geofiz. no. 4: 107-109 '61.

Paleomagnetic methods of investigating the age relationships of rocks [with summary in English] V. V. Kolchegina. Sov. geol. 4 no. 4 47-59 Ap '61.

Some statistical characteristics of short-period Pc and Pt oscillations of the Earth's electromagnetic field, based on data obtained during the International Geophysical Year and the International Geophysical Cooperation in Irkutsk. Report No. 1 [with summary in English]. P. A. Vinogradov. Geol. i geofiz. no. 12 100-111 '60.

Some statistical characteristics of short-period Pc and Pt oscillations of the Earth's electromagnetic field, based on data obtained during the International Geophysical Year and the International Geophysical Cooperation in Irkutsk. Report No. 2 [with summary in English] P. A. Vinogradov. Geol. i geof. no. 1 98-108 '61

MAGNETITE
(see also subdivision under Kustanay Province, Turgay Gates, Ural Mountains)

Some data on the composition of accessory magnetite V. V. Lisakhovich. Trudy inst. min., geokhim. i kristallokhim. red. elem. no. 3 89-103 '59

MAGNETOHYDRODYNAMICS

Interaction of magnetohydrodynamic waves having jointly and contact discontinuities. V. V. Gogosov. Prikl. mat. i mekh. 25 no. 2 187-195 Mr-Ap '61.

Magnetohydrodynamic generator. L. I. Okhrimenko. Zh. tekh. fiz. 31 no. 1 17-20 Ja '61

Motion of a finitely conducting medium in the presence of a plane magnetic field. D. V. Sharikadze. Dokl. AN SSSR 138 no. 4 817-819 Je '61

Motion of conducting piston in a magnetohydrodynamic medium [with summary in English]. I. A. Akhiezer, R. V. Polovin. Zhur. eksp. i teor. fiz. 38 no. 3 529-533 F '60

One-dimensional flow of a compressible gas with a finite conductivity in the presence of a lateral magnetic field. I. B. Chekmarev. Prikl. mat. i mekh. 24 no. 2 382-383 Mr-Ap '60.

One nonstationary problem of magnetohydrodynamics. D. V. Sharikadze. Dokl. AN SSSR 138 no. 3 568-571 My '61

A precise solution of equations in magnetohydrodynamics. S. A. Regirer. Prikl. mat. i mekh. 24 no. 2 383-386 Mr-Ap '60

Self-similar solutions of equations of laminar boundary layers in magnetohydrodynamics. N. I. Polikhi, I. I. Shvets. Dokl. AN SSSR 136 no. 5, 1051-1054 F '61

Spatial magnetohydrodynamic flows. M. N. Kogan. Prikl. mat. i mekh. 25 no. 2 375-376 Mr-Ap '61

Stability of equilibrium of a conducting liquid heated from below and situated in a magnetic field [with summary in English]. V. S. Sorokin, I. V. Sushkin. Zhur. eksp. i teor. fiz. 38 no. 2 613-620 F '60.

Structure of a magnetohydrodynamic shock wave in a gas having anisotropic conductivity. G. A. Lubimov. Prikl. mat. i mekh. 25 no. 2 179-186 Mr-Ap '61

Uniqueness of quasi-hyperbolic flows in magnetohydrodynamics. M. N. Kogan. Prikl. mat. i mekh. 24 no. 2 373-375 Mr-Ap '60.

MAGNETOOPTICS

Domain boundaries in thin ferromagnetic films. L. V. Kirenskii, V. A. Buravikhin. Izv. AN SSSR. Ser. fiz. 25 no. 5, 574-576 Mr '61

Domain structure and coercive force of thin ferromagnetic films. L. V. Kirenskii, V. A. Buravikhin, A. G. Zvegintsev. Izv. AN SSSR. Ser. fiz. 25 no. 5:577-580 My '61

Domain structure of uniaxial ferromagnetic films. V. V. Kobelev, A. A. Korsunskii. Izv. AN SSSR. Ser. fiz. 25 no. 5:628-633 My '61.

Effect of the technology of preparation and the thickness on the domain structure of thin ferromagnetic films of Fe-Ni-Mo alloys. L. V. Kirenskii, V. A. Buravikhin. Izv. AN SSSR. Ser. fiz. 25 no. 5:569-573 My '61.

New methods for measuring the width of the boundary layer between domains with the aid of the Kerr effect. V. I. Sinegubov, M. K. Savchenko. Izv. AN SSSR. Ser. fiz. 25 no. 5:599-601 My '61.

Studying the domain structure of thin ferromagnetic films in the case of slow magnetic reversal. L. V. Kirenskii, S. V. Kan. Izv. AN SSSR. Ser. fiz. 25 no. 5:592-595 My '61.

Studying the magnetic structure of thin ferromagnetic films with the aid of the Kerr magnetooptical effect. L. V. Kirenskii, S. V. Kan, I. P. Degtiarev. Izv. AN SSSR. Ser. fiz. 25 no. 5 581-591 My '61

Variation of the domain structure of thin ferromagnetic films in a magnetic field. L. V. Kirenskii, V. A. Buravikhin, M. K. Savchenko. Izv. AN SSSR. Ser. fiz. 25 no. 5 596-598 My '61

MAGNETOSTRICTION

Temperature dependence of magnetostriction in iron-silicon alloys. A. IA. Vlasov, I. I. Gurkova. Fiz. met. i metalloved. 11 no. 2:207-210 F '61

Use of thin films for measuring magnetostriction and other deformations. V. A. Filgov, G. P. Dikakov. Izv. AN SSSR. Ser. fiz. 25 no. 5 647-650 My '61.

MAGNETOTHERMAL EFFECTS see Thermomagnetism

MAGNETS

"The stamping with use of electromagnetic blocks" by Yu. M. Rudnev. Reviewed by L. I. Vegner. Kuz. shtam. proiz. 3 no. 5 48 My '61

MAGNITNAYA MOUNTAIN—IRON ORES

Zavaritskii, A. N. [Selected works] Izbrannye trudy. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 3. 1961. 702 p.

MAGNITOGORSK—EDUCATION

Organization of educational work in the Magnitogorsk schools, in 1930-1956. A. S. Bakalov. Uch. zap. Chel. gos. ped. inst. 6 no. 1 191-215 '59

MAGNITOGORSK—ENGINEERING—STUDY AND TEACHING

This is how a new type of engineer is born. V. M. Zudin, N. E. Skorokhodov. Vest. vys. shkoly 19 no. 5 11-17 My '61

MAGNITOGORSK—POLITICS AND GOVERNMENT

A communal economy should have a single manager. N. Shcherinov. Sov. deput. trud. no. 6:69-71 Je '61.

MAGNITOGORSK—ROLLING (METALWORK)

Mastering the production of lightweight sections at the Magnitogorsk Metallurgical Plant [with summary in English]. N. I. Strunitdinov. Stal' 20 no. 7, 624-628 Jl '60.

MAHLER, GUSTAV, 1860-1911

Gustav Mahler. E. Maier. Sov. muz. 25 no. 5:167-169 My '61

MAIAKOVSKII, VLADIMIR VLADIMIROVICH, 1894-1930

The image of the poet in Maiakovskii's works from 1921 to 1930. V. D. Zhivov. Uch. zap. MGPI 97:51-86 '59

Letter to the editor. G. S. Cheremin. Izv. AN SSSR. Otd. lit. i iaz. 19 no. 1:87-88 Ja-F '60.

Letter to the editor. L. Maiakovskaia. Moskva 4 no. 3: 224 '60.

Maiakovskii is with us. A. Koloskov. V mire knig 1 no. 3:20-21 Mr '61.

MAIZE see Corn (Maize)

MAKARII, Metropolitan of Warsaw and Poland, 1884-1964

Metropolitan Makarii, Head of the Orthodox Church in Poland, obituary. M. Miroshnichenko. Zhur. Mosk. Pats. no. 4 51-58 Ap '61

MAKE-UP, THEATRICAL

What colors look best in television? Z. Pellcia. Sov. radio i tel. 8 no. 4 26 '50.

MAKEEVA, OL'GA VIKTOROVNA

The doctor from Moscow. F. Kuznetsov. Moskva 4 no. 3:156-169 '60.

MAKHACHKALA REGION—CLAY

Geological and mineralogical characteristics and physicomechanical properties of upper Sarmatian clay in the Makhachkala region. G. K. Kerimov. Izv. vys. ucheb. zav., geol. i razv. 3 no. 12-83-87 D '60.

MAKHAN DARYA VALLEY—ANTIQUITIES

Discovery of the objects of the Neolithic period in the Mekhan Darya Valley. U. Islamov. Obshchestv. nauki v Uz. no. 1-61-62 '61.

MAKHARADZE DISTRICT—JOURNALISM

In an Oriental manuscript it is recorded that... V. Dzhakeli. Sov. pech. no. 5, 23-24 My '61.

MAKOVSKII, KONSTANTIN EGOROVICH, 1839-1915

The image of A. Zhelikhov in drawings by K. Makovskii. E. Gavrilova. Iskusstvo 24 no. 5:70-72 '61.

MAKSIMOVICH, MIKHAIL ALEKSANDROVICH, 1804-1873

An unknown letter written by P. J. Šafařík to M. A. Maksimovich. V. M. Skrypka. Rad. lit. 5 no. 3:121-122 My-Je '61.

MAKUSTOV, DMITRII DMITRIEVICH, 1896-

The heavens and hands; a sketch. IUrii Afonskii. Zvezda no. 4-3-14 Ap '61

MALARIA—PREVENTION see subdivision under Kokand

MALARIOTHERAPY

Gordova, T. N. [Clinical aspects and course of progressive paralysis treated with malaria] Klinika i techenie progressivnogo paralicha, techennogo maliarioi. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1959. 126 p.
(DNLM)

MALEIC ANHYDRIDE

Study of the hardening of epoxide resin in the presence of maleic anhydride. L. N. Pirozhnaia. Plast. massy no. 6, 56-60 '61.

MALI REPUBLIC

The second birth of Mali. A. Kovalev. Mol. kommunist no. 5 117-120 My '61

MALIN—PAPERMAKING MACHINERY

Wire table operations in the manufacture of thin paper. V. N. Nemanikhin, L. E. Komarovskii. Bum. prom. 36 no. 5 7-8 My '61

MALININ, ALEKSANDR FEDOROVICH, 1834-1888

A. I. Malinin. Nar. asv. no. 2:90 F '61.

MALKA VALLEY—GEOLOGY, STRATIGRAPHIC

Correlation of Silurian and underlying deposits in the Northern Caucasus. I. S. Krasivskaia. Dokl. AN SSSR 138 no. 4 639-642 My '61

MALKA VALLEY—SCHISTS

Recent data on the stratigraphy of metamorphic schists in the middle course of the Malka River. I. S. Krasivskaia. Dokl. AN SSSR 138 no. 4:906-909 Je '61.

MALNUTRITION

Nutrition periodically deficient in calories and ontogenetic processes [with summary in English]. V. N. Nikitin. Zhur. ob. biol. 22 no. 2:81-88 Mr-Ap '61.

MALONIC ACID

Some dialkylmalonic esters. Chai Kun' (Ch'ai K'un). Zhur. ob. khim. 31 no. 5 1551-1558 My '61

MALTHUSIANISM

Humanism is against the hatred of mankind ("A critical study of present-day Malthusianism" by A. IA. Popov. Reviewed by V. Semenov). Kommunist 38 no. 9 125-127 Je '61.

MALTOSE

Studies on the transfer of glycosyl residues of maltose in skeletal muscles [with summary in English]. N. F. Pisarenko, A. N. Petrova. Biokhimiia 26 no. 2:350-353 Mr-Ap '61.

MAMAI, NIKOLAI IAKOVLEVICH

Mamai visits Sholokhov. I. Zonin. Moskva 4 no. 3: 215-216 '60.

MAMBEEV, SABUR

Poetry of a new life. I. Kuchis. Iskusstvo 24 no. 4:29-32 '61.

MAMMOTH see subdivision under Suola Valley

MAN—INFLUENCE OF ENVIRONMENT

Influence of the external environment on the development of speech in children. M. V. Andreeva, N. I. Gordienko. Med. sestra 20 no. 3:40-41 Mr '61.

Role of industrial environmental factors in the immunological reactivity of the organism. V. K. Navrotskii. Vest. AMN SSSR 15 no. 3 57-60 '60.

MAN—ORIGIN

Did Adam exist? I. H. Pidoplichko. Volov. ateist. no. 5: 19-23 My '61.

MAN (PHILOSOPHY) see Philosophical anthropology

MAN, PREHISTORIC see subdivision under Soviet Central Asia

MANGANESE

Electrolysis of manganese salts with a mercury cathode. G. N. Bobkin. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 2, 253-257 '61

Influence of manganese on the electrodeposition of zinc. V. V. Stender, G. Z. Kir'iakov, R. S. Vakhidov. Zhur. prikl. khim. 33 no. 10:2238-2245 O '60.

MANGANESE—ANALYSIS

Separate determination of manganese, chromium, and iron in the air by polarography. M. S. Bykhovskaia, I. A. Orlova. Zav. lab. 27 no. 5:540-542 '61.

MANGANESE—METALLOGRAPHY

X-ray investigation of phase transformations in the electrolytic precipitates of manganese. V. P. Moiseev, O. S. Popova. Fiz. met. i metalloved. 9 no. 4 584-588 Ap '60.

MANGANESE—PHYSIOLOGICAL EFFECT

Effect of boron and manganese on the catalase activity of blood. A. S. Abdullaev, Z. N. Mirova. Uch. zap. Moll. Ped. ser. no. 313-16 '60.

Influence of manganese in the rise of silkworms. M. L. Pigulevskaia. Trudy Inst. krasnev. pol. AN Kazakh. SSR 8,15-20 '60.

MANGANESE-ALUMINUM ALLOYS see Aluminum-manganese alloys

MANGANESE-ANTIMONY ALLOYS—MAGNETIC PROPERTIES

Paramagnetism of manganese-antimony alloys at high temperatures. D. I. Volkov, P. V. Pshenichkin. Fiz. met. i metalloved. 11 no. 4 513-518 Ap '61.

MANGANESE COMPOUNDS

Characteristics of magnetic ordering of a manganese monophosphide MnP. V. P. Krasovskii, I. G. Fakidov. Fiz. met. i metalloved. 11 no. 3 349-350 F '61.

MANGANESE-GOLD ALLOYS see Gold-manganese alloys

MANGANESE INDUSTRY

Future growth of the iron ore and magnesium industries. Shakht. stroi. 5 no. 4:1-4 Ap '61.

MANGANESE-NICKEL ALLOYS

Kinetics of the electrodeposition of Ni and Mn during the formation of an alloy of these metals. V. M. Kochegarov. Zhur. prikl. khim. 34 no. 3 572-576 Mr '61.

MANGANESE NIOBATE—THERMAL PROPERTIES

Thermal conductivity of solid solutions of manganese niobate and $BaTiO_3$. F. F. Kodzhespirov. Fiz. tver. tela 3 no. 3 781-785 Mr '61.

MANGANESE ORES see subdivision under Bol'shaya Yusha, Dzherdy region, Gornaya Shoriya, Ingulets Valley, Krivoy Rog Basin

MANGANESE SALTS

Methods for intensifying the catalytic activity of manganese organic salts. P. G. Ipronin, M. A. Pashenko. Masl.-zhir. prom. 27 no. 5:27-28 My '61.

Paramagnetic relaxation in solutions of manganese salts [with summary in English]. P. G. Tishkov, G. P. Vishnevskaia. Zhur. eksp. i teor. fiz. 38 no. 2 435-440 F '60.

MANGANESE-SILICON ALLOYS

Use of lean manganese ore for the making of manganese-silicon. Stal' 21 no. 6:575 Je '61.

MANGANESE STEEL—WELDING

Certain metallurgical characteristics in the welding of manganese-aluminum steels. G. I. Petrov, R. A. Kozlov, A. P. Buryshnikov. Svarka 2:9-21 '59.

MANGANESE-TITANIUM ALLOYS see Titanium-manganese alloys

MANGANESE TUNGSTATE

Heat capacity of calcium, manganese, and cobalt tungstates at high temperatures [with summary in English]. R. A. Alkovleva, T. N. Rezukhina. Zhur. fiz. khim. 34 no. 4 819-823 Ap '60.

MANGANESE-ZINC-LITHIUM ALLOYS—HARDENING

Aging of the β-phase alloys in the system Mg - Zn - Li. F. I. Shamrai, E. IA. Krylova. Trudy Inst. met. no. 4 208-213 '60.

MANGANESE-ZINC-LITHIUM ALLOYS—METALLOGRAPHY

Mutual solubility of zinc and lithium in the β-phase of the Mg - Zn - Li system in solid state. Trudy Inst. met. no. 4:200-207 '60.

MANGYSHLAK PENINSULA—GEOLOGY, STRUCTURAL

Structures of eastern Mangyshlak and adjacent territory in the Ustyurt Plateau [with summary in English]. I. S. Plechchenev, A. L. Sharapov, A. E. Shlezinger. Biul. MOIP. Otd. geol. 36 no. 1 40-58 Ja-F '61.

MANIA see Psychoses

MANN, HEINRICH, 1871-1950

A staunch democrat and a fighter for progress, on the tenth anniversary of the death of Heinrich Mann. N. Serebrova. Inostr. lit. no. 3 256-262 Mr '60.

MANN, THOMAS, 1875-1955

Thomas Mann. A. Fedorov. V mire knig 1 no. 1:39 Ap '61.

MANNERS AND CUSTOMS

How to distinguish the drowned. I. Okunev. Moskva 4 no. 3:200 '60.

Young scholars discuss recent cultural developments and the new way of life. Nar. tvorch. ta etn. 4 no. 4 146-147 O-D '60.

MANNITOL

Determination of the renal filtration rate with mannitol. G. A. Gaidina. Pat. fiziol. i eksp. terap. 4 no. 4 85-87 Jl-Ag '60.

MANOMETER

Deep-well manometer automatic release. D. Mirochnik. Neftianik 6 no. 5 20-21 My '61.

Registration of pressure and pulse volume by tensometry. A. K. Antonov and others. Fiziol. zhur. 47 no. 2 275-279 F '61.

MANOMETER—TESTING

Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 1-54 for checking standard weight-piston manometers of the second and third categories with upper measurement limits from 50 to 2,500 kg/cm^2] Instruktsiia 1-54 po poverke obraztsovykh gruzoporshnevykh manometrov 2-go i 3-go razriadov s verkhnimi predelami izmereniia ot 50 do 2500 kG/cm^2. Izd. ofitsial'noe. Moskva, 1957. 31 p.

Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 2-54 for checking standard spring manometers and vacuummeters] Instruktsiia 2-54 po poverke obraztsovykh pruzhinnykh manometrov i vakuummetrov. Izd. ofitsial'noe. Moskva, 1957. 11 p.

Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 4-53 for checking spring manometers, vacuum gauges and pressure vacuum gauges] Instruktsiia 4-53 po poverke rabochikh pruzhinnykh manometrov, vakuummetrov i manovakuummetrov. Izd. ofitsial'noe. Moskva, 1954. 14 p.

MANORS see subdivision under Great Britain

MANSUROV, FURAT

Two Kazakh conductors. A. Kelberg. Sov. muz., 25 no. 5 49-51 My '61.

MANUAL TRAINING

(see also subdivision under Chelyabinsk)

Communist work and communist morality. V. A. Sukhomlinskii. Sov. pedag. 25 no. 4 40-50 Ap '61.

Extracurricular work on manual training. A. Tarasenko. Shkola i proizv. 5 no. 5 38 My '61.

Man cannot be duplicated. V. Sukhomlinskii. Nar. obr., no. 5 71-76 My '61.

Meeting on the psychology of manual training and instruction. T. Kudriavtsev. Sov. pedag. 25 no. 4 156-158 Ap '61.

Preparing for lessons. E. V. Sotnikov. Shkola i proizv. 5 no. 5 30-31 My '61.

Types of manual training lessons. L. A. Liferov. Shkola i proizv. 5 no. 5 72-76 My '61.

Use of drawings in manual training classes. A. Polonik. Shkola i proizv. 5 no. 5 6 My '61.

MANUAL TRAINING—HYGIENIC ASPECTS

"Hygiene of polytechnical instruction" by A. G. Proselkali. Reviewed by N. S. Fokina. Med. sestra 20 no. 3 56-57 Mr '61.

MANUAL TRAINING—TEXTBOOKS

Textbooks for schools with industrial training. G. Kravtsov. Shkola i proizv. 5 no. 5 94 My '61.

MANUFACTURES

Bookshelf. A. Marinin. Mest. prom. i khud. promys. 2 no. 5 37 My '61.

Follow-up of our publications. V. Polinkov. Mest. prom. i khud. promys. 2 no. 5:32 My '61.

Reliability of manufactured objects is the basic index of their quality. IA. Sorin. NTO 2 no. 5:7-9 My '60.

MANUFACTURES—COMPETITIONS

Who will be the winner? New contest rules. Mest. prom. i khud. promys. 2 no. 5:23 My '61.

MANUFACTURES—EQUIPMENT AND SUPPLIES

For a better utilization of equipment. S. Sofin. Mest. prom. i khud. promys. 2 no. 5 7-8 My '61.

MANUSCRIPTS

(see also subdivision under Moscow)

Archeographical expeditions of the Division of Manuscripts of the V. I. Lenin State Library of the U.S.S.R. during 1957 and 1958. V. B. Kobrin and others. Zap. Otd. rukop. no. 21 252-261 '59.

The manuscript tradition of the "Oration of law and grace." N. N. Rozov. Trudy ODRL 17:42-53 '61.

MANUSCRIPTS—CATALOGS see subdivision under Yaroslavl

MANUSCRIPTS—CONSERVATION AND RESTORATION

The monuments of culture belong to the nation. D. S. Likhachev. Ist. SSSR 6 no. 3:3-12 My-Je '61.

Use of a 10% alcohol solution of urea for the restoration of parchment leather of old manuscripts. I. K. Belaia. Izv. vys. ucheb. zav., tekh. leg. prom. no. 1 46-53 '60.

MANUSCRIPTS, SOGDIAN

A Sogdian ambassador in Chach; document A-14 from Mug Mountain [with summary in English]. V. A. Livshits. Sov. etn. no. 2:92-109 Mr-Ap '60.

MANYCH DEPRESSION—RACCOON DOG

Significance of the raccoon dog in the biocenoses of the Manych Steppe [with summary in English]. T. I. Fedorova. Zool. zhur. 40 no. 5 788-790 '61.

MANZHURA, IVAN IVANOVYCH, 1851-1893

A. A. Potebnia's unknown letters. Submitted and commented by I. D. Bachynov. Nar. tvorch. ta etn. 4 no. 4 111-117 O-D '60.

MAP PROJECTION

New extremum problem. G. A. Meladze. Dokl. AN SSSR 136 no. 5:1026-1029 F '61.

MAPLE see subdivision under Moscow Province

MAPS

Conference results on comprehensive atlases of republics, territories and provinces. N. I. Leontiev. Izv. AN SSSR Ser. geog. no. 4 114-116 Jy-Ag '61.

Participation of V. I. Lenin in the compilation of a geographical atlas. A. M. Gal'. Dokl. AN SSSR 5 no. 4 111-113 Mr-Ap '61.

MAPS—CATALOGS

Publication of library map catalogues of the Academy of Sciences of the U.S.S.R. K. A. Salishchev. Izv. AN SSSR Ser. geog. no. 4 136-145 Jy-Ag '61.

MAPS—SYMBOLS

It is necessary to standardize all symbols on school maps. IU. V. Sogomonov. Geog. v shkole 24 no. 3. 64-65 My-Je '61.

Representation of the elements of shore zone dynamics and morphology on medium- and large-scale maps and charts. N. M. Berkovskaya. Trudy Okean. kom. 8:95-100 '61.

MAPS, TOPOGRAPHIC

Necessity for mastering the reading of topographical maps in the secondary school. V. G. Plugin. Geog. v shkole 24 no. 3 25-26 My-Je '61.

MARBLE see subdivision under Ural Mountains

MARDAKYANY—CARDIOVASCULAR SYSTEM—DISEASES

Course of cardiovascular diseases under the conditions of the Mardakyany Resort [in Azerbaijani with Russian summary]. S. S. Gadzhiev. Azerb. med. zhur. no. 4 102-109 Ap '60.

MARGARITE see subdivision under Ural Mountains

MARINE BIOLOGY

(see also subdivision under Barents Sea)

Lzhevskii, G. K. [Oceanological principles relating to the fishery productivity of seas] Okeanologicheskie osnovy formirovaniia promyslovoi produktivnosti morei. Moskva, Pishchepromizdat, 1961. 215 p.

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut morskogo rybnogo khoziaistva i okeanografii. [Problems concerning the fishery productivity of seas] Voprosy promyslovoi produktivnosti morei. Moskva, 1960. 55 p.

MARINE BIOLOGY—RESEARCH

The technique of determining the size-weight characteristics of invertebrate organisms serving as food of fishes. E. V. Borutskii, I. I. Gitsa. Vop. ikht. no. 17. 150-158 '61.

MARINE BOILERS see Boilers, Marine

MARINE DIESEL ENGINES

(see also subdivision under Germany, East)

Optimum operating conditions of diesel-electric dredgers. E. Demurova. Rech. transp. 20 no. 5:37-38 My '61.

Remote control of the 3D12 engine of the 1 OTS-14 cutter. A. Mostovoi, A. Varbov. Rech. transp. 19 no. 9 31-32 F '60.

MARINE DIESEL ENGINES—MAINTENANCE AND REPAIR

Repair of electric propulsion engines in repair shops on ships. I. Danilov, A. IUshkevich. Mor. flot 21 no. 5 18-20 My '61.

MARINE DIESEL ENGINES—TESTING

Use of strain gauges for testing marine internal combustion engines. F. Katsman, A. Shmelev, I. Loginov. Mor. flot 21 no. 5:22-23 My '61.

MARINE ENGINEERING

Efficiency of introducing complete automatization of passenger ship power plants. F. Urlang. Rech. transp. 20 no. 5 24-26 My '61.

Measuring the torque on ship power plant shafts by the phase-shift method. V. Kuz'menko. Rech. transp. 20 no. 5:53-54 My '61.

Solving the problem of the reliability of equipment. V. Potozhnitsev. Mor. flot 21 no. 5:17 My '61.

MARINE ENGINES

Characteristics of the loading of an engine operating with a water-jet propeller. V. Nebesnov, G. Ruban. Rech. transp. 20 no. 4 25-26 Mr '61.

MARINE ENGINES (Continued)
Heat control of internal combustion marine engines during operation A. Aleksandrov Rech. transp. 20 no. 3 23-25 Mr '61

Poverov, K.I. [Damage to power plants] Avarii silovykh ustanovok. Moskva, Izd-vo "Morskoi transport," 1960. 70 p.

MARINE ENGINES—COOLING
Temperature conditions in the cooling system of an engine. P. Fedorko. Rech. transp. 20 no. 5 22-23 My '61.

MARINE MICROBIOLOGY
Most favorable amount of "dry nutritional agar" in media for the cultivation of marine heterotrophic microorganisms [with summary in English] IU. A. Gorbenko. Mikrobiologiia 30 no. 1 168-172 Ja-F '61

MARINKA DISTRICT—AGRICULTURE
IAroshenko is still alive! Valentyn Bilousov. Ukraina no. 10:17 My '61.

MARITIME LAW see subdivision under Great Britain

MARITIME METEOROLOGY see Meteorology, Maritime

MARITIME TERRITORY—ACTINIDIA
Rare example of Actinidia. N. G. Vasil'ev, V. N. Volkov. Priroda 50 no. 5:115-116 My '61.

MARITIME TERRITORY—ACTINOMYCES
Species characteristics and antibiotic properties of actinomycetes isolated from the soil of the Maritime Territory [with summary in English]. R. I. Tumarkin. Mikrobiologiia 30 no. 1 99-104 Ja-F '61.

MARITIME TERRITORY—BASALT
Age of blanket basalts in the southern part of the Maritime Territory. D. P. Denisov. Dokl. AN SSSR 136 no. 1:167-168 Ja '61

New data on the basalts of the Maritime Territory [with summary in English]. E. P. Denisov. Geol. i geofiz. no. 12 48-56 '60.

MARITIME TERRITORY—COAL GEOLOGY
Contours of the lower Cretaceous coal basin in the Maritime Territory. V. N. Vereshchagin. Biul. VSEGEI no. 1:111-118 '58.

MARITIME TERRITORY—FUNGI
New species of fungi from the Maritime Territory [with summary in English]. E. V. Koval'. Ukr. bot. zhur. 18 no. 2 73-80 '61

MARITIME TERRITORY—GEOLOGY, STRATIGRAPHIC
Upper Quaternary and Quaternary stratigraphy of the Sikhote-Alin' Range and Maritime Territory. G. S. Ganeshin Mat. VsEGEI, Chet. geol. i geomorf. no. 2 77-97 '59

MARITIME TERRITORY—LEAF BEETLES
Find of a leaf beetle subfamily (Coleoptera, Chrysomelidae, Chlamydinae) hitherto unknown in the fauna of the U. S. S. R. I. N. Medvedev Dokl. AN SSSR 136 no. 1:247-248 Ja '61

MARITIME TERRITORY—NONFERROUS METALS
Results of active help. P. Kirzatov NTO 2 no. 5:51-52 My '60

MARITIME TERRITORY—SOILS
Species characteristics and antibiotic properties of actinomycetes isolated from the soil of the Maritime Territory [with summary in English]. R. I. Tumarkin Mikrobiologiia 30 no. 1:99-104 Ja-F '61.

MARITIME TERRITORY—SUBMARINE GEOLOGY

MARRIAGE LAW
Inde to the judicial practice of the Supreme Court of the U. S. S. R. in the field of family and marriage law Biul. Verkh. Suda no. 2 38-44 '60

MARROW
Effect of pentovl on the bone marrow lipids of rabbits in experimental leukopenia [with summary in English]. I. N. Morozova. Biul. eksp. biol. i med. 51 no. 2 54-59 F '61.

In vitro cultivation of bone marrow and spleen of rabbits irradiated with roentgen rays [with summary in English] V. A. Gubin Arkh. anat. gist. i embr. 39 no. 11 3-10 N '60

Oxidative enzymes in blood cells and bone marrow in leukemia and hypoplastic anemia [with summary in English, p. 61]. E. I. Terent'eva, L. I. Kazanova, F. E. Falushtein. [Probl. gemat. i perel. krovi 5 no. 2 3-8 F '60.

MARROW—INNERVATION
Radiosensitivity of denervated marrow [with summary in English]. V. G. Kondratenko Izv. AN SSSR Ser. biol. no. 3 158-160 My-Je '61.

MARROW—TRANSPLANTATION
Effect of screening and of the administration of bone marrow cells on the effectiveness of seroprophylaxis in diphtheria intoxication in radiated animals D. R. Kaulen Med. rad. 6 no. 3,45-47 '61

MARROW—TUMORS
Case of a renal form of myelomatoid disease. M. V. Budianskii. Med. zhur. Uzb. no. 4 54-55 Ap '61.

MARS (PLANET)
Intelligent beings on Mars? F. Zigel'. Znan. sila 36 no. 2:20-24 F '61

MARSHALS (COURT OFFICIALS)
Court marshals continue their discussion. N. Liakhov and others Sov. iust. no. 11 22 Je '61

MARTI, JOSE, 1853-1895
Bone of the bone and flesh of the flesh of the Cuban people L. Vizen Mol. kommun. no. 5 92-95 My '61

MARTYNOV, PETR NIKOLAEVICH
A life amid books. Ed. Arenin. Zvezda no. 3 167-168 Mr '61.

MARTYNOVA, MARIIA IVANOVNA,
True daughter of the people. I. D. Saikhovskii. Med. sestra 20 no. 3 47-48 Mr '61.

MARX, KARL, 1818-1883
Mehring, Franz. [K. Marx and F. Engels, the creators of scientific communism] K. Marks i F. Engel's - sozdateli nauchnogo kommunizma. Moskva, Gos. izd-vo polit. lit-ry, 1960 232 p. (Biblioteka po nauchnomu sotsializmu)

MARX, KARL, 1818-1883—FICTION
A famous figure and great demands ("Stealing of fire", a novel by Galina Serebritkova. Reviewed by V. Goffenshefer). Novyi mir 36 no. 5 241-246 My '60.

K. Marx's theory of movement as a means to eliminate contradictions, based on materials on the changing forms of value. A. K. Sukhotin Uch. zap. TGU no. 91 143-155 '59

Marx and books. A. Primakovskii. V mire knig 1 no. 5:6 My '61.

Rozenberg, D. I. [Commentaries to the first volume of K. Marx's "Capital"] Kommentarii k pervomu tomu "Kapitala" K. Marksa. Pod red. S. L. Vygodskogo. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 419 p.

MARY PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
fulfillment of obligations." Part. zhizn'

der Krasnodar)
and technical specifications for
forced masonry structures
ovich Stroi. mekh. i raschet
10
g masonry with ceramic facing]
i s keramicheskoi oblitsovkoi.
ry po stroit., arkhit. i stroit.
p.

V see BCG vaccination

ude principle in the study of
s [with summary in English].
rezhnoi. Zhur. fiz. khim. 34

for a generalized system of equass transfer [with summary in
nzh.-fiz.zhur. 4 no. 4:69-74

ion of mass transfer coefficients
Orlov, A. N. Planovskii. Khim.
Je '60.

Heat and mass transfer in opposing currents [with summary in English] I. T. Elperin Inzh.-fiz. zhur. 4 no. 5 63-68 My '61

Hydraulics and mass transfer in a jet-less Venturi absorber V. I. Matrozov, P. A. Semenov, Yu. V. Tumanov Khim. mash. no. 3 11-14 My-Je '60

Research on the external heat and mass transfer in the evaporation of a fluid from a capillary-porous body [with summary in English] G. T. Sergeev Inzh.-fiz. zhur. 4 no. 5 33-37 My '61

Vladimirov, V. S. [Mathematical problems in the single-velocity theory of particle transfer] Matematicheskie zadachi odnoskorostnoi teorii perenosa chastits. Moskva, Izd-vo Akad. nauk SSSR, 1961. 157 p. (Akademiia nauk SSSR. Matematicheskii institut. Trudy, vol. 61)

MASSAGE
Effect of local vibrations of brief duration on the condition of the nervous and muscular systems of athletes V. I. Fedorov Teor. i prak. fiz. kul't. 24 no. 3 196-200 '61

Effect of massage upon the elimination through oxidation of lactic acid during muscular work repeated to the limit P. S. Vasil'ev, A. V. Troitskaia, N. I. Volkov Teor. i prak. fiz. kul't. 24 no. 2 112-115 '61

Massage and exercise as a therapeutic factor in rickets in children. Z. S. Machkhina. Med. sestra 20 no. 3 32-34 Mr '61.

"Principles of medical massage" by A. I. Verbov. Reviewed by B. M. Broderzon Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 1 81-83 '61

Role of the masseur-instructor in the treatment of poliomyelitis patients. L. V. Malakhova. Med. sestra 20 no. 3 36-38 Mr '61.

MATADI, REPUBLIC OF CONGO—WHARVES
Concrete wharf. M. Plakida Rech. transp. 19 no. 2 55-56 F '60

MATCH INDUSTRY—EQUIPMENT AND SUPPLIES
New match stick sorter. S. S. Malinovskii. Der. prom. 10 no. 3:22-23 Mr '61.

MATERIALS—STANDARDS
Guides for engineering materials. Standartizatsiia 25 no. 5:64 My '61

MATERIALS—TESTING
Microhardness as a function of the load. IU. O. Lapsker Zav. lab. 27 no. 5:604-607 '61.

MATERIALS—THERMAL PROPERTIES
Conference of institutions of higher education on methods and devices for thermophysical testing. N. A. IAryshev. Izv. vys. ucheb. zav. prib. 4 no. 2:130-134 '61.

MATERIALS HANDLING
New types of trays I. V. Shtefko Mekh. i avtom. proizv. 15 no. 5, 13-16 My '61.

MATHEMATICAL MODELS
Application of mathematics in planning M. Fedorovich Vop. ekon. no. 5, 155-156 My '61

MATHEMATICAL PHYSICS—CONGRESSES
Conference on Hydrodynamics and Mathematical Physics at the Kabardian-Balkar State University. I. M. Karasev Usp. mat. nauk 16 no. 2 249-250 Mr-Ap '61.

MATHEMATICAL RECREATIONS
Think! Uchet i fin. v kolkhoz i sovkhoz. 18 no. 5:62 My '61.

MATHEMATICAL SOCIETIES see subdivision under Moscow

MATHEMATICS
M. V. Lomonosov and mathematics [with summary in English, p. 186] L. E. Maistrov Vop. filos. 15 no. 5 93-102 '61

Summary of reports submitted to and accepted by the Direction of the Moscow Mathematical Society. Usp. mat. nauk 16 no. 2 163-167 Mr-Ap '61

MATHEMATICS—AUDIO-VISUAL AIDS
Dorf, P. IA. [Visual aids in mathematics and methods for their use in secondary schools] Naglindnye posobiia po matematike i metodika ikh primeneniia v srednei shkole. Izd. 2., perer. i dop. Posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 333 p.

MATHEMATICS—BIBLIOGRAPHY see Bibliography—Mathematics

MATHEMATICS—CONGRESSES
First Republican Conference of Professors and Teachers of Mathematics of the Pedagogical Institutes of the Georgian S. S. R. Sh. S. Kemkhadze Usp. mat. nauk 16 no. 2 251-253 Mr-Ap '61.

Ural Scientific and Methodological Conference of the Departments of Mathematics of Pedagogical Institutes. I. IA. Barkov. Mat. v shkole no. 3:89 My-Je '61.

MATHEMATICS—PERIODICALS
Mathematics and mechanics in the "Zapiski" of the Leningrad Mining Institute. A. M. Zhuravskii. Zap. LGI 10 41-46 '59.

MATHEMATICS—PROBLEMS, EXERCISES, ETC.
Mathematical problems and solutions. B. Berezin, V. Lishevskii. IUn. tekh. 5 no. 2 52-57 F '61.
Solutions of problems in "Matematika v Shkole", no. 6, 1960. Mat. v shkole no. 3 90-95 My-Je '61.

MATHEMATICS—STUDY AND TEACHING
(see also subdivision under Altai, United States)
Mathematics lessons should be combined with industrial training. N. Vanab'iou. Nar. obr. no. 4. 71-79 Ap '61.

MATHEMATICS—TABLES, ETC.
New edition of a collection of mathematical tables for use in schools. V. M. Bradis. Mat. v shkole no. 3:14-15 My-Je '61.

MATIUSHINA, O.
How the sparks flew up ("Inextinguishable sparks" by O. Matiushina. Reviewed by I. Gubanov). Sov. pech no. 5:47-48 My '61.

MATRICES
Some properties of a Lorents matrix. I. L. Fedorov. Dokl. AN BSSR 5 no. 5 194-198 My '61.
Using an integration matrix in studying vibrations of a circular arch. A. F. Smirnov. Trudy MIIT no. 131 5-16 '61.

MAURICA, FRANCOIS, 1885-
Realism under the weight of fetters, remarks on the works of Francois Mauriac. M. Vaksmakher. Inostr lit no. 3 205-213 Mr '60.

MAY DAY (LABOR HOLIDAY)
The day of international solidarity of workers. E. Isakova. Komm. Mold. 5 no. 4. 75-82 Ap '60.
The First of May, the day of international solidarity of workers. Rad. pravo no. 3. 3-8 My-Je '61.
A holiday of peace, work, and spring. Ukraina no. 10:2-3 My '61.
May the First. Sov. muz. 25 no. 5:9-11 My '61.
When you participate in a May Day parade. Vl. Aminskii. Mol. komm no. 5 81-84 My '61.

MAYLISAY VALLEY—BOTANY
Vegetation of variegated formations of the Maylisay basin. M. M. Nabiev. Trudy Inst. bot. AN Uz. SSR no. 5 197-208 '59.

MAYMA VALLEY—GEOLOGY, STRUCTURAL
New data on the Mayma moraine in the Gornyy Altai. S. F. Dubinkin. Sov. geol. 4 no. 4 133-137 Ap '61.

MEANING (PSYCHOLOGY)
The nature of the linguistic symbol and linguistic meaning. T. P. Lomtev. Vest. Mosk. un. Ser. 7. Filol., zhur. 16 no. 1 60-63 Ja-F '61.
Symbols and the "levels" of language. N. S. Chemodanov. Vest. Mosk. un. Ser. 7. Filol., zhur. 16 no. 1. 79-80 Ja-F '61.

MEASLES
Some problems in the control of measles in a rural district. Report No. 2. Complications following measles. B. L. Cherkas'kyi. Ped., akush. i gin. 22 no. 4:21-23 '60.

MEASUREMENT OF THICKNESS see Thickness measurement

MEASURING INSTRUMENTS
(see also subdivision under Denmark; France)
Automatic measurement of dimensions in machining on lathes. N. I. Novikov, B. K. Makarevich. Izm. tekh. no. 6:5-6 Je '61.
Awards for the best standard instruments at the Exhibition of Achievements of the National Economy of the U. S. S. R. Izm. tekh. no. 5:1-2 My '60.
Basic trends in the development of measuring equipment. V. O. Arutiunov. Izm. tekh. no. 5:1-5 My '61.
Beregovoi, A. V. [Control and measuring instruments and measuring engineering] Kontrol'no-izmeritel'nyi instrument i tekhnika izmerenii. Izd. 2. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 92 p. [MICROFILM]
Conferences on measuring equipment. Izm. tekh. no. 6: 59 Je '61.
Devices for the mechanization of linear measurements. V. V. Pen'kov, A. P. Povarov. Izm. tekh. no. 5 8-9 My '61.
Exchange of experience. Zav. lab. 27 no. 5:620-621 '61.
Improving the state and operation of measuring equipment. M. I. Shwartsman. Izm. tekh. no. 5:61-62 My '61.
Measures and measuring instruments approved by the committee on the basis of the results of their official testing and permitted to be used in the U. S. S. R. Izm. tekh. no. 5:64 My '60.
Measures and measuring instruments approved by the committee on the basis of the results of their official testing and permitted to be used in the U. S. S. R. Izm. tekh. no. 6:64 Je '61.
Measures and measuring instruments excluded from the State Register. Izm. tekh. no. 5 64 My '60.
Measures and measuring instruments excluded from the State Register. Izm. tekh. no. 6:64 Je '61.
New instruments designed for lot production in 1960. I. I. Gurfinkov. Priborostroenie no. 5:29-32 My '60.
Using a segmental diaphragm in measuring pulp consumption at ore-dressing plants. V. V. Afanas'ev, L. G. Balsh. Shor. mat. po avtom. proizv. protsessov i disp. no. 5 27-31 '60.

MEASURING INSTRUMENTS—BIBLIOGRAPHY see Bibliography—Measuring instruments

MEASURING INSTRUMENTS—MAINTENANCE AND REPAIR
[Efficient use of measuring equipment, experience of the Chelyabinsk Plants] Ratsionalizatsiia v izmeritel'noi tekhnike, iz opyta raboty Chelliabinskikh zavodov. [Chelliabinsk] Chelliabinskoe knizhnoe izd-vo. (Obmen peredovym opytom. Ekspluatatsiia kontrol'noizmeritel'nykh priborov)
No. 3. 1959. 41 p.
New organization of the repairing and testing of measuring devices in rural regions. G. V. Savchenko. Izm. tekh. no. 6 56-57 Je '61.

MEASURING INSTRUMENTS—PSYCHOLOGICAL ASPECTS
Works of American psychologists on the study of control instruments and scales. L. N. Gorbunova. Vop. psikhol. 6 no. 3 185-193 My-Je '60.

MEASURING INSTRUMENTS—STANDARDS
New standards for measures and measuring instruments approved by the committee. Izm. tekh. no. 5 64 My '60.
New standards for measures and measuring instruments approved by the committee. Izm. tekh. no. 6 64 Je '61.

MEASURING INSTRUMENTS—TESTING
Investigating the precision of involute profile measuring devices. G. S. Simkin, G. IA. Gafanovich. Izm. tekh. no. 6. 8-10 Je '61.
New principles for determining the compulsion of official testing of measuring instruments. B. N. Voronisov and others. Izm. tekh. no. 5:58-61 My '61.
New principles for determining when official testing of measuring devices must take place, comments on V. D. Alesin's article. Izm. tekh. no. 6:53-56 Je '61.
Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 21-49 for checking VP-4 moisture meters] Instruktsiia 21-49 dlia poverki vlagomerov tipa VP-4. Izd. ofitsial'noe. Moskva, 1957. 11 p.
Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 105-55 for checking measuring machines] Instruktsiia 105-55 po poverke izmeritel'nykh mashin. Izd. ofitsial'noe. Moskva, 1957. 18 p.
Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 130-56 for checking level testing devices] Instruktsiia 130-56 po poverke ekzaminatorov. Izd. ofitsial'noe. Moskva, 1957. 15 p.
Russia (1923- U. S. S. R.) Komitet standartov, mer i

151-54, 152-54 po poverke kozhemernykh mekhanicheskikh mashin i kozhemernykh planimetrov sistemy Chernova. Izd. ofitsial'noe. Moskva, 1956. 23 p.

MEASURING-TAPES—TESTING
Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 79-56 for checking metal measuring tapes of the first category] Instruktsiia 79-56 po poverke metallicheskikh ruletok 1-go razriada. Izd. ofitsial'noe. Moskva, 1957. 11 p.
Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 81-55 for checking metal-measuring tapes of the second category] Instruktsiia 81-55 po poverke metallicheskikh ruletok 2-go razriada. Izd. ofitsial'noe. Moskva, 1957. 11 p.
Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 87-55 for checking surveyors' measuring tapes] Instruktsiia 87-55 po poverke zemlemernykh ruletok. Izd. ofitsial'noe. Moskva, 1957. 7 p.
Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 90-51 for measuring tapes] Instruktsiia 90-51 na ruletki izmeritel'nye tes'miannye. Izd. ofitsial'noe. Moskva, 1957. 6 p.

MEAT—MICROBIOLOGY
Use of nystatin in controlling meat mold [with summary in English]. L. P. Volkova. Mikrobiologiia 30 no. 1:158-164 Ja-F '61.

MEAT—PRESERVATION
New methods of preserving fish and meat scraps [with summaries in English, German, and French]. M. L. Prakhin. Vest. sel'khoz. nauki 6 no. 5:55-60 My '61.

MEAT, SMOKED see subdivision under Kazakhstan

MEAT INDUSTRY
Stepanov, B. D. [Production organization and planning in enterprises of the meat industry] Organizatsiia i planirovanie proizvodstva na predpriiatiiakh miasnoi promyshlennosti. Moskva, Pishchepromizdat, 1960. 383 p.

MEAT INDUSTRY—EQUIPMENT AND SUPPLIES
High-duty stuffers for the meat industry. V. L. Sakharov. Biul. tekh.-ekon. inform. no. 4:54-56 '61.

MECHANICAL BRAINS see Cybernetics

MECHANICAL DRAWING—EQUIPMENT AND SUPPLIES
A good substitute for parchment paper. V. V. Talakvadze, N. P. Ponomarev. Mashinostroitel' no. 5:17 My '60.

MECHANICAL ENGINEERING—BIBLIOGRAPHY see Bibliography—Mechanical engineering

MECHANICAL ENGINEERING—COMPETITIONS
Competitions of the Scientific Technological Society of the Machinery Industry. I. A. Aristov. Mashinostroitel' no. 5 46-47 My '60.

MECHANICAL ENGINEERING—PERIODICALS
Mathematics and mechanics in the "Zapiski" of the Leningrad Mining Institute. A. M. Zhuravskii. Zap. LGI 10 41-46 '59.

MECHANICAL ENGINEERING—TEXTBOOKS
This textbook should have a final editing ("Machinery parts" by M. S. Movnin. Reviewed by V. R. Dvoretskii). Sred. spets. obr. 8 no. 5 60-62 My '61.

MECHANICAL FANS see Fans, Mechanical

MECHANICAL MOVEMENTS
Elementary synthesis of differential and planetary mechanisms used in instruments and devices. A. I. Solov'ev. Priborostroenie no. 5, 8-10 My '60.
Laws of the motion of pistons in spherical mechanisms with a uniform motion of the swash-plate. V. N. IArovoi. Izv. vys. ucheb. zav., av. tekh. 3 no. 2 141-156 '60.
Mean and final pulse parameters in pin-type escapements. E. V. Kul'kov. Izv. vys. ucheb. zav. priib. 4 no. 2 101-110 '61.
Motion of a wheel under a spring-suspended weight and subject to periodic impulses. H. H. Filonenko. Visnyk Kyiv. un. Ser. astron., mat. ta mekh. no. 1 9-17 '59.

MECHANICAL WEAR
Abrasion-resistance of heat resistant concrete at high temperatures. A. F. Milovanov, V. S. Zyrianov. Ogneupory 25 no. 5 234-237 '60.
Controlling the excessive wear of small diamond heads. V. F. Borkharev. Razved. i okh. nedr 27 no. 2 60 F '61.
Mechanism of the destruction of a metallic surface by the free impact of an abrasive particle. V. N. Kashcheev, V. M. Glazkov. Izv. vys. ucheb. zav., energ. 4 no. 4:80-85 Ap '61.
Wheel bandage wear. A. G. Nikonov, L. L. Pinkhusevich. Trudy Inst. met. no. 4 250-253 '60.

MECHANICS—ABSTRACTS
[Mechanics.] Ref. zhur. Mekh. no. 6 Je '61.

MECHANICS, ANALYTIC
Stationarity of a field of impulses [with summary in English]. S. N. Kirpichnikov. Vest. LGU 16 no. 7 117-122 '61.

MECHANICS, APPLIED
"Engineering mechanics" by S. Timoshenko and D. H. Young. Translated from the English. Reviewed by P. M. Alabuzhev, I. IA. Shpigel'burd. Vest. mash. 41 no. 5:87 My '61.

MECHANICS, CELESTIAL
Gravitation, space, and time. A. S. Kompaneets. Priroda 50 no. 5:17-23 My '61.

MECHANIZATION, MILITARY
"Man and machinery in present-day war" by V. K. Abramov. Reviewed by I. Kulikov. Komm. Vooruzh. Sil. 1 no. 11 88-89 Je '61.

MEDALS, MILITARY AND NAVAL see subdivision under Tashkent

MEDIASTINUM—SURGERY
Clinical significance of variations in the origin of the innominate artery in man during operations on the neck and anterior mediastinum. M. M. Pavlova-Poliakova. Khirurgiia 37 no. 5. 34-38 My '61.

MEDIASTINUM—TUMORS
Supernumerary retrosternal goiter removed by the transbipleural approach. I. B. Oleshkevich, V. S. Bazhenov. Khirurgiia 37 no. 5. 124-125 My '61.

MEDICAGO
Yellow trefoil (Medicago lupulina L.) as a forage plant. E. A. Kirganova. Sbor. nauch. rab. Bel. otd. VBO no. 1: 37-41 '59.

MEDICAL BACTERIOLOGY see Bacteriology, Medical

MEDICAL COLLEGES see subdivision under Chelyabinsk, Tomsk

MEDICAL ELECTRONICS
Some results and prospects in the use of electronics in medicine and biology. V. V. Parin. Vest. AMN SSSR 14 no. 5 27-40 '59.

MEDICAL GEOGRAPHY—STATISTICS
Statistics and medical geography. L. S. Keminskii. Nauch. zap. Len. fin.-ekon. inst. no. 19:34-50 '59.

MEDICAL GYMNASTICS see Exercise therapy

MEDICAL INSTRUMENTS AND APPARATUS
(see also subdivision under Ukraine)
Medical instruments of the German Federal Republic and Holland. Iu. I. Kabatov and others. Med. prom. 15 no. 3 51-58 Mr '61.
Moscow Electromedical Apparatus Plant and its campaign for technological progress. A. I. Gol'dshtein, B. N. Kol'nikov. Med. prom. 15 no. 3:24-27 Mr '61.
New medical furniture. I. P. Saraeva, T. V. Stiyakina. Med. prom. 15 no. 3:19-51 Mr '61.

MEDICAL INSTRUMENTS AND APPARATUS—EXHIBITIONS
Hungarian exhibition of instrument manufacture and medical apparatus. M. B. Ena. Farmatsev. zhur. 15 no. 1:69-70 '60.

MEDICAL LABORATORIES—PERIODICALS see subdivision under Cuba

MEDICAL MICROBIOLOGY
"Medical microbiology, course of lectures" by F. I. Shevchenko. Reviewed by Iu. A. Akhmedzhanov. Med. zhur. Uzb. no. 3 81-83 Mr '61.

MEDICAL MUSEUMS see subdivision under Gorkiy

MEDICAL MYCOLOGY
Fungi diseases. V. K. Artamonova. Nauka i zhyttia 11 no. 4 52 Ap '61.

MEDICAL PERSONNEL
(see also subdivision under Gomel' Province)
We reply to questions. V. Vil'kitskii. Zdrav. Belor. 6 no. 4 78 Ap '60.

MEDICAL PERSONNEL—STATISTICS
Some data on the composition of medical personnel in the R S F S R. V. N. Ivakina. Zdrav. Ros. Feder. 5 no. 5:47-48 My '61.

MEDICAL PHOTOGRAPHY see Photography, Medical

MEDICAL RADIOLOGY see Radiology, Medical

MEDICAL RECORDS
Methods of registration and analysis of morbidity with loss of working capacity in an industrial enterprise [with summary in English]. I. P. Barskii. Sov. zdrav. 20 no. 1 26-29 '61.

MEDICAL RESEARCH
Some results of research carried out by the Academy of Medical Sciences of the U.S.S.R. I. M. Grigorovskii, M. A. Zhukovskii. Vest. AMN SSSR 14 no. 4 74-82 '59.

MEDICAL SOCIETIES see subdivision under Moscow; White Russia

MEDICAL STATISTICS
Analysis of the results of statistical studies. V. Dolcist. Sov. zdrav. 20 no. 1 72-77 '61.

MEDICINE
(see also subdivision under Africa, Azerbaijan; Baltic States; China; Georgia; Germany, East, Hungary; Latvia, United States)
Brief news. Vest. otorin. 22 no. 1:125-126 Ja-F '60.
Collected works on the history of medicine. P. E. Zabludovskii. Sov. zdrav. 20 no. 1:86-89 '61.
Memorable date in the history of medicines. Sov. zdrav. 20 no. 5 77-79 '61.
"Princess of medicine" [in French]. Reviewed by Iu. A. Shilinis, T. V. Kal'in. Sov. zdrav. 20 no. 1:86-88 '61.
Significant medical historical dates and anniversaries. Sov. zdrav. 20 no. 2:83-85 '61.

MEDICINE—ABSTRACTS
[Medical abstracts.] Med. ref. zhur. sect. 1, vol. 5, no. 5, My '61; sect. 2, vol. 5, no. 6 Je '61; sect. 3, vol. 5, no. 6, Je '61; sect. 5, vol. 5, no. 5, My '61; sect. 6, vol. 5, no. 6, Je '61; sect. 7, vol. 5, no. 5, My '61; sect. 8, vol. 5, no. 6, My '61, sect. 9, vol. 5, no. 6, Je '61; sect. 10, vol. 5, no. 6 My '61.

MEDICINE—BIBLIOGRAPHY see Bibliography—Medicine

MEDICINE—CONGRESSES
Among medical historians in Hungary. B. D. Petrov. Sov. zdrav. 20 no. 5 90-91 '61.

MEDICINE—DICTIONARIES
For improvement in the publication of medical literature; with reference to material in the "Large medical encyclopedia." D. I. Vinokurov. Vest. AMN SSSR 14 no. 4 92-95 '59.

MEDICINE—FORMULAE, RECEIPTS, PRESCRIPTIONS
"Concise prescription manual for the stomatologist" by I. O. Novik, A. I. Marchenko. Reviewed by G. I. Semenchenko. Stomatologiia 40 no. 1 101 Ja-F '61.
Consultation by correspondence on problems in the preparation of some rare medicinal forms by the volume weight method. M. M. IAmpol'skaia, M. M. Bushkova, K. I. Fedotova. Farmatsev. zhur. 15 no. 1 81-84 '60.

MEDICINE—HISTORIOGRAPHY—CONGRESSES
Seventeenth International Congress on the History of Medicine in Greece. B. D. Petrov. Sov. zdrav. 20 no. 1 87-90 '61.
Traveling congress, impressions of the 17th International Congress on the History of Medicine in Greece, September 1-14, 1960. A. N. Rubakin. Sov. zdrav. 20 no. 4 90-93 '61.

MEDICINE—HISTORY
Polish scientific students and staff members of Kiev University, on the history of medical relations during the last part of 19th century and the first part of 20th century. Iu. I. Rafes. Sov. zdrav. 20 no. 4 46-51 '61.

MEDICINE—INTERNATIONAL COOPERATION
Some facts from the history of Russo-Cuban medical relations. N. A. Bogolavlenskii. Fel'd. i akush. 26 no. 5 31-37 My '61.

MEDICINE—PHILOSOPHY
"Struggle of Russian physicians in the first half of the 19th century against the idealism and positivism of natural philosophy" by S. S. Veil'. Reviewed by S. I. Shavtsov. Sov. zdrav. 20 no. 1 79-81 '61.

MEDICINE—STUDY AND TEACHING
(see also subdivision under Azerbaijan; Kemerovo Province, Uzbekistan)
Conference of directors of higher medical schools and of institutes for postgraduate medical training. D. A. Bassalyk, V. F. Matveev. Zdrav. Ros. Feder. 5 no. 5, 44-45 My '61.
Improving the teaching of the history of medicine. Sov. zdrav. 20 no. 1 95-96 '61.
The moral character of a future physician is formed in his student years. V. V. Trofimov. Vest. vys. shkoly 19 no. 5:81-86 My '61.
Scientific-atheistic propaganda in a higher medical school [with summary in English]. T. IA. Tkachev. Sov. zdrav. 20 no. 1 46-49 '61.
Thirty years of the Central Institute of Postgraduate Medical Education. M. D. Kovrigina. Sov. zdrav. 20 no. 5 63-67 '61.
Training of specialists in sanitation. Z. K. Mogilevchik. Zdrav. Belor. 6 no. 4:43-47 Ap '60.

MEDICINE, ATOMIC see Atomic medicine

MEDICINE, EXPERIMENTAL
Vsesoiuznaia konferentsiia patofiziologov, 2d, Kiev, 1958. [Transactions of the Second All-Union Conference of Pathophysiologists; problems of compensation, experimental therapy, and radiation sickness] Problemy kompensatsii eksperimental'noi terapii i luchevoi bolezni; trudy... Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 462 p.
(DNLM)

MEDICINE, INDUSTRIAL
Methods of registration and analysis of morbidity with loss of working capacity in an industrial enterprise [with summary in English]. I. P. Barskii. Sov. zdrav. 20 no. 1 26-29 '61.

MEDICINE, MAGIC, MYSTIC, AND SPAGIRIC
Ghosts. Volov. ateist. no. 5:61 My '61.

MEDICINE, PSYCHOSOMATIC
Psychosomatic medicine and psychiatry. V. M. Morozov. Zhur. nevr. i psikh. 60 no. 11:1536-1544 '60.
Psychosomatic trend in modern foreign dermatology; critical review of the literature. Iu. A. Kushnev. Vest. derm. i ven. 35 no. 4:8-12 Ap '61.
Role of positive emotions in the therapeutic and protective schedule. S. E. Rozenblium. Med. sestra 20 no. 4:48-50 Ap '61.

MEDICINE, PSYCHOSOMATIC—PERIODICALS see subdivision under France

MEDICINE, RURAL see subdivision under Niyazbashi

MEDITERRANEAN REGION—BEETLES
"Soil coleopterans; supplement No. 7 to the bulletin 'Life and environment' [in French] by Henri Coiffait. Reviewed by K. V. Arnol'di. Zool. zhur. 40 no. 5: 792-793 '61.

MEDITERRANEAN REGION—GEOLOGY, STRATIGRAPHIC
Colloquy on the marine Mesozoic of the Mediterranean area. Sov. geol. 4 no. 3 120 Mr '61.

MEDULLA OBLONGATA
Effect of hypocapnia on the functional state of the respiratory center. M. E. Marshak, F. A. Maeva. Fiziol. zhur. 47 no. 2, 191-195 F '61.
Pattern and localization of automatism formed in the respiratory center of frogs [with summary in English]. Z. S. Donskova. Biul. eksp. biol. i med. 50 no. 7, 21-25 Jl '60.

MEGRI-ORDUBAD REGION—SKARNS
Dike skarns in a contact-metasomatic ore pole in the southwestern part of the Megri-Ordubad pluton. S. A. Bektashi, R. Sh. Azizbekov. Izv. AN Azerb. SSR Ser. geol.-geog. nauk no. 5 85-90 '60.

MELAMINE
Solid - liquid - gas equilibrium in the system melamine - ammonia - carbon dioxide [with summary in English]. G. D. Efremova, R. O. Koroleva. Zhur. fiz. khim. 35 no. 4:821-824 Ap '61.

MELANOIDINS
Amino acid participation in the reaction of melanoidin formation during the baking of bread [with summary in English]. V. L. Kretovich, A. N. Ponomareva. Biokhimiia 26 no. 2 237-243 Mr-Ap '61.

MELANOMA
Case of melanoma of the external auditory canal. V. M. Kaplan. Zhur. ush., nos. i gorl. bol. 20 no. 1 76-77 Ja-F '60.

MELLAN, CLAUDE, 1598-1688
Claude Mellan as master of the pencil portrait. I. Novoselskaia. Iskusstvo 24 no. 5:63-64 '61.

MELONS
Adaptation features and properties of water melons in dry farming [with summary in English]. M. I. Mal'nina. Trudy po prikl. bot., gen. i sel. 32 no. 3 219-222 '59.
Biology of flowering and pollination in the Altai melon. L. P. Tarbaeva. Biul. Glav. bot. sada no. 36 76-78 '60.
Root systems of European melons [with summary in English]. T. N. Balashov. Trudy po prikl. bot., gen. i sel. 32 no. 3 247-253 '59.

MELONS—VARIETIES
Varietal types of European melons [with summary in English]. T. N. Balashov. Trudy po prikl. bot., gen. i sel. 32 no. 3 233-247 '59.

MEMBRANES (CHEMISTRY)
Electrochemical reduction of U(VI) to U(IV) in hydrochloric acid solution with the use of cation exchange membranes. B. N. Laskorin, N. M. Smirnova. Atom. energ. 10 no. 5 530-531 My '61.

MEMORY
Memory and attention. V. Bleikher. Znam. to pratsia no. 2:18-19 F '61.

MÉNIÈRE'S DISEASE
"Diseases of the Menière type" [in Czech] by V. Chladek. Reviewed by V. P. Undritz. Zhur. ush., nos. i gorl. bol. 20 no. 1, 82-83 Ja-F '60.

MENINGEAL ARTERY—INNERVATION
Morphology of angioreceptors of the dura mater [with summary in English]. V. V. Anisimova-Aleksandrova. Arkh. anat. gist. i embr. 39 no. 11 88-93 N '60.

MENINGES—TUBERCULOSIS
Course of tuberculous meningitis in children with osteoarticular tuberculosis. O. N. Tikhomolova. Sbor. trud. Uz. nauch.-issl. tub. inst. 3 136-140 '57.
Differential diagnosis of tuberculous meningitis and rheumatic meningoencephalitis [with summary in French]. V. E. Elufimova. Probl. tub. 38 no. 3: 68-74 '60.
Treatment of tuberculous meningitis in children without the subarachnoid administration of drugs. I. A. Dystritskii, D. L. Grintukh. Probl. tub. 38 no. 4:105-108 '60.

MENINGES—TUMORS
Surgical treatment of arachnoid endotheliomas in the small wing of the os basilaire. IU. P. Krivoshein. Vop. neirokhir. 25 no. 3, 38-42 My-Je '61.

MENINGITIS
(see also subdivision under Nikolaev)
Blood pressure in the diagnosis of otogenous intracranial complications [with summary in English]. L. K. Mel'kevich. Zhur. ush., nos. i grol. bol. 20 no. 1, 63-66 Ja-F '60.
Electroencephalography in otogenous abscesses of the brain and meningitis [with summary in English]. M. I. Garshin. Zhur. ush., nos. i grol. bol. 20 no. 1:55-59 Ja-F '60.
Intracranial complications in mesotympanitis (from "Ful.—orr—gége Gyógyászat," no. 3, 1958). Zhur. ush., nos. i gorl. bol. 20 no. 1:88 Ja-F '60.

MENINGO-ENCEPHALOMYELITIS see Encephalomyelitis

MEN'S CLOTHING

Shirt, necktie and logic. . Smena 38 no 7-22-24 Ap '61

MENSTRUATION

Bleshanskii, IU. M., and others. [Physiology and pathology of the menstrual function] Fiziologiia i patologiia menstrual'noi funktsii. Otv. red. K. N. Zhmakin. Moskva, Pervyi Mosk. med. in-t, 1960. 174 p.
(DNLM)

MENSURATION

Beregovoi, A. V. [Control and measuring instruments and measuring engineering] Kontrol'no-izmeritel'nyi instrument i tekhnika izmerenii. Izd. 2. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 92 p.
[MICROFILM]

Errors in the approximation of discrete methods of measurement V N Khilstunov. Priborostroenie no 5 3-5 My '60

Man learns to measure G. Naid'enov Znan ia praktika no 2, 24-25 F '61.

Seminar on mensuration and measuring instruments. V. V. Pen'kov. Izm. tekh. no. 5 64 My '61.

MENSURATION—CONGRESSES

International methodological conferences. Izm. tekh. no. 6:59-60 Je '61.

MENTAL DEPRESSION see Depression, Mental

MENTAL ILLNESS

(see also subdivision under Leningrad)

Akademiia meditsinskikh nauk SSSR. Institut psikhiatrii. [Initial stages in mental diseases; collection of articles read at a meeting of the Institute of Psychiatry of the Academy of Medical Sciences of the U.S.S.R., June 1959] Nachal'nye stadii psikhicheskikh zabolevanii; sbornik nauchnykh rabot, dolozhennykh na sessii Instituta psikhiatrii AMN SSSR v iiune 1959 g. Moskva, 1959. 86 p.
(DNLM)

Clinical aspects of mental disturbances in Vityal encephalomyelitis. Report no. 1. L. N. Vishnevskaia. Vop. psikh. i nevr. no. 5:29-37 '59

Conditions resembling neuroses following closed cerebral injuries at a late period of the disease. L. I. Ushakova Vop psikh i nevr no 5 134-141 '59

Effectiveness of using hemactyzine in psychoneurological practice N N. Markova Vop psikh. i nevr no 5, 233-236 '59

Evaluation of adrenal cortex function and the effectiveness of the use of adrenocorticotropic hormone (ACTH) for mental patients with a depressive condition. M. M. Kabanov. Vop. psikh. i nevr. no. 5 202-213 '59

A man must live ("A man against insanity" by Paul de Kruif. Reviewed by B. Gilenson). Moskva 5 no. 4.182-185 '61.

Mental disorders in thyroidectomized patients [with summary in French] E Tomorug, C. Tanasescu. Zhur nevr i psikh 60 no 3 327-333 '60

Mental disturbances following traumatic subarachnoid hemorrhages S. S. Kalinet Vop. psikh i nevr no 5 125-133 '59

Results with isopropine (diisopropylputrescine) in neuropsychiatric diseases [with summary in English]. V. V. Kovalev. Farm. i toks. 24 no. 1:57-61 Ja-F '61.

MENTAL SUGGESTION

Comparative study of the action of suggestion made during a state of alertness and during hypnosis [with summary in English]. I. I. Korotkin, M. M. Suslova. Zhur. vys. nerv. deiat. 10 no. 2:173-179 Mr-Ap '60.

Urination after suggested drinking of water [with summary in English]. M. L. Linetskii. Zhur. vys. nerv. deiat. 11 no. 1:46-49 Ja-F '61.

MENTALLY HANDICAPPED CHILDREN

Medical treatment and work training are indivisible. D. Melekhov. Sots. obesp. 22 no 5, 38-39 My '61.

MENZELINSK DISTRICT—EURYALE, FOSSIL

Seeds of Euryale from the Pliocene of the lower Kama Valley. N IA. Kats, S. V Kats. Dokl. AN SSSR 136 no 1:206-209 Ja '61.

MERCANTILE BUILDINGS

All-Union conference on the design and construction of business, public food service, and service industry enterprises Sov. torg. 34 no. 5 58-59 My '61.

MERCAPTANS see Thiols

MERCAPTO COMPOUNDS

Mechanism of the protective effect of dithioles against radiation E. IA. Graevskii, M. M. Konstantinova. Dokl. AN SSSR 136 no. 5 1218-1222 F '61.

Regroupment of radicals in the reactions of thiols with polyhalopropenes. R Kh Freidlina and others. Dokl AN SSSR 138 no. 4:850-852 Je '61

MERCAPTO GROUP

Changes in the amount of sulfhydryl groups in structural elements of cells in the X-irradiated rat liver [with summary in English]. E. M. Kedrova, Zh. A. Antokol'skaia, V. M. Rotlonov. Biokhimiia 26 no. 2 234-236 Mr-Ap '61.

MERCHANT MARINE

It is good to know. Rech. transp. 20 no. 5:58 My '61.

Seminar on exchanging progressive practices. Mor. flot 21 no. 5-47 My '61.

MERCHANT MARINE—BIBLIOGRAPHY see Bibliography—Merchant marine

MERCHANT MARINE—PASSENGER TRAFFIC

Improve the facilities of small river passenger ships. V. Pospelov. Rech. transp. 20 no. 5 56 My '61.

MERCHANT MARINE—SAFETY MEASURES

Work of the Radio Committee on the drawing up of a new Convention on the Safety of Life at Sea. IU. Atserov. Mor. flot 21 no. 5 43-44 My '61.

MERCHANT SEAMEN

(see also subdivision under Estonia; Novorossiisk)

For better training. Mor. flot 21 no. 5-47-48 My '61.

Let us be ready to greet the 22d Congress of the Communist Party of the Soviet Union. Mor. flot 21 no. 5;24a-24c My '61.

Pass for deep-sea sailing. V. Zabrovskii. Mor. flot 21 no. 5;3-5 My '61.

MERCURY

Electrodiffusion in dilute solutions of lead and mercury in metallic potassium [with summary in English]. S. I. Drakin, IU. K. Golubkova, T. P. Ushakova. Zhur fiz. khim. 34 no 4, 866-871 Ap '60.

Investigating thin benzene layers on the surface of mercury. A. Sheludko, D. Platikanov. Dokl. AN SSSR 130 no. 2:415-418 My '61.

MERCURY—TOXICOLOGY

Hygienic basis for sanitary protection from factories manufacturing apparatus containing mercury V P Melekhina. Gig. i san 25 no 7 71-74 Jl '60

MERCURY ACETATE

Some new types of the Arbuzov rearrangement. Part 12 Action of mercury acetate on trialkyl phosphites. IA A Levin, V A Kukhtin Zhur ob khim 31 no 5 1552-1553 My '61

MERCURY ELECTRODES see Electrodes, Mercury

MERCURY ORES see subdivision under Altai Mountains; Fergana; Kamchatka

MERCURY SELENIDE—ELECTRIC PROPERTIES

Thermoelectric properties of the system HgSe - HgTe. B. IA. Brach, V. V. Zhdanova, E. IA. Lev. Fiz. tver. tela 3 no. 3:786-789 Mr '61.

MERCURY TELLURIDE—ELECTRIC PROPERTIES

Thermoelectric properties of the system HgSe - HgTe. B. IA. Brach, V. V. Zhdanova, E. IA. Lev. Fiz. tver. tela 3 no. 3 786-789 Mr '61.

MEREDITH, GEORGE, 1828-1909

The aesthetic views of Georg Meredith in the light of his philosophical doctrine [with summary in English]. V. V Zakharov. Vest. LGU 16 no. 8 106-120 '61.

MESHCHERA—RUNOFF

Some features of the water supply of Meshchera Lowland rivers. IU. A. Shcherbakov. Vest. Mosk. un. Ser. 5 Geog. 16 no. 3:61 My-Je '61.

MESITYLENE

Dealkylation of mesitylene and conjt benzene and toluene in the presence silicates A V. Topchiev, G. M. M Kovaleva, Izv. AN SSSR, Otd. khim My '61.

MESONS

Analysing the data on π-meson photo threshold region based on dispersio summary in English]. A. M. Baldin. fiz. 38 no. 2:579-587 F '60.

Angular correlations between π-mes theory of multiple particle producti Vest. AN Kazakh. SSR 17 no. 4:80-

Applicability of the Fermi-Teller "Z emulsion containing uranium. G. E. eksp. i teor. fiz. 38 no. 2:658-660

Determining the coupling constant of interaction from the elastic scatter neutrons by means of 630 Mev. prot and others. Zhur. eksp. i teor. fiz. F '60.

Effect of various methods of introdu length into the results of calculatio Vest. Mosk. un. Ser. 3: Fiz., astron. '60.

Inelastic interaction of π^+-mesons with helium n an energy of about 300 Mev [with summary in M. S. Kozodaev and others. Zhur. eksp. i teor. fiz no. 2 109-122 F '60.

Mechanism of uranium fission induced by slow μ^- [with summary in English] G. E. Belovitskaia Zhur. eksp. i teor. fiz. 38 no. 2 401-408 F '60

Nonmeson decays of hyperfragments [with summa English] I. B. Berkovich and others. Zhur. eksp fiz 38 no. 2 423-425 F '60

Λ p - resonance interaction V. M. Maksimenko, eksp. i teor fiz 38 no 2 652-654 F '60.

Production of charged π-mesons in the interactio 9 Bev. protons and photographic emulsion nucle summary in English]. N P Bogachev and other eksp. i teor fiz 38 no. 2 432-440 F '60

Production of π-mesons in pd-collisions as relat intranuclear motion of nucleons [with summary lish]. IU D Prokoshkin Zhur. eksp. i teor. fiz. no 2 455-461 F '60.

MESONS—DECAY

Interference of form factors in leptonic decay of [with summary in English]. V. M. Shekhter. Zhu i teor. fiz. 38 no. 2 531-540 F '60.

Possibility of determining form factors in the lep decay of hyperons [with summary in English]. Belov, B S Mingalev, V M. Shekhter. Zhur. eksp fiz. 38 no 2 541-552 F '60.

MESONS—SCATTERING

Elastic scattering of 300 Mev. π^--mesons on hydr [with summary in English] I. M Vasilevskii, V Vishniakov Zhur. eksp i teor. fiz 38 no. 2 441 F '60.

Investigating the elastic scattering of π^--mesons momentum 6, 8 Bev/c on protons in a propane bu chamber [with summary in English]. Van Gan-c [Wang Kang-ch'ang] and others. Zhur eksp. i te 38 no. 2 426-431 F '60.

Single scattering of 10 to 30 Mev. $\mathcal{K}$-mesons on c [with summary in English] A I Alikhanian and Zhur. eksp. i teor. fiz. 38 no. 2 387-393 F '60.

METABOLISM

Effect of certain lipid fractions of the thymus an on metabolic processes [with summary in Fren I Potop and others. Biokhimiia 25 no. 6 987-9 '60

Paper chromatographic fractionization of metabo [with summary in English] R IA Shkol'nik, N Doman Biokhimiia 25 no 2 276-281 Mr-Ap

Recent data on the metabolic rate in fishes. G. G berg Vop. ikht. 1 no 1:157-165 '61

METAL CLEANING

New methods for blast cleaning of metals. S. A. D Dokl. AN BSSR 5 no. 4:173-176 Ap '61.

METAL CRYSTALS

Mechanism of brittle fracture of metal crystals. Kochanova, E. D. Shchukin, V. I. Likhtman. Fiz tela 3 no. 3 902-910 Mr '61.

Studying diffusion porosity occurring in distilling chromium from single crystals of the EI437B a V. L. Kalikhman, IA. S. Umanskii, N V Chirikov met i metalloved. 11 no 2:314-316 F '61

METAL CRYSTALS—GROWTH

Fluctuating nucleation of centers of graphitizatio iron and in steel A. A. Zhukov. Metalloved i t obr. met. no 5:22-26 My '61.

Growth of elastic crystals of the martensite γ-ph under the effect of external stresses. I. A. Arbu G V Kurdiumov, L. G Khandros. Fiz. met. i me 11 no 2:272-280 F '61

Experimental investigation of axial residual stresses caused by face milling of the 45 steel. V.I.Sevost'ianov. Izv.vys.ucheb.zav., mashinostr. no.1:97-100 '60

Laws of the distribution of dimension errors in machining the shank of gas turbine blades. I.G.Fridlender. Trudy Inst.mash.Sem.po toch.v mash.i prib. no.15: 76-86 '61.

Machining of large-size hydraulic press parts. G.S. Chernin, I.N.Damilin. Kuz.shtam.proizv. 1 no.5 42-45 My '61

Microgeometry of a milled surface. G.S.Minasian. Sbor.nauch.trud.ERPI no.20:81-90 '59.

Relation between smoothness and precision in reaming. A.D.Trubenok. Trakt.i sel'khozmash. 31 no.5:44 My '61.

Relationship between the specific stress and the deformation of chips in in-feed machining. V.M.Dabagian. Sbor.nauch.trud.ERPI no.20:53-65 '59.

Some problems in the theory of metal cutting. R.B. Markosian. Sbor.nauch.trud.ERPI no.20:13-36 '59.

Summing errors in machining parts. A.S.Shevelev, G.P.Fedorchenko. Izv.vys.ucheb.zav.; av.tekh. 4 no.2:177-180 '60.

Utilization of ultrasonic vibrations of cutting tools in cutting metals. A.I.Isaev, V.S.Anokhin. Vest.mash. 41 no.5:50-52 My '61

Zorev, N.N., and G.S.Kreimer. [High-speed machining of steel with hard-alloy cutting tools under intermittent cutting conditions] Vysokoproizvoditel'naia obrabotka stali tverdosplavnymi rezcami pri preryvistom rezanii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 78 p.

METAL CUTTING, ELECTRIC see Electric metal cutting

METAL-CUTTING TOOLS

Hydraulic shears. M.Larin. Stroitel' no.4:25 Ap '61

The main angle in the "phi" plane of the cutting tool. G.P.Grigorian. Sbor.nauch.trud.ERPI no.20:67-79 '59.

Specialization in the industrial production of metal-cutting tools. A.P.Rogozin. Biul.STO LGU no.2 81-90 '59

METAL-CUTTING TOOLS—QUALITY CONTROL see subdivision under Moscow

METAL-CUTTING TOOLS—SAFETY APPLIANCES

Our readers continue the discussion.... L.Sokolov. Okhr.truda i sots.strakh. 4 no.5:41 My '61.

METAL-CUTTING TOOLS—TECHNOLOGICAL INNOVATIONS

Innovation suggestion of Serezha Seregin. P.Parshachenko. Iun.tekh. 5 no.2:49-50 F '61.

[Innovations in the manufacture of metal-cutting tools] Novoe v instrumental'nom proizvodstve. [Leningrad] Lenizdat, 1960. 210 p.

METAL DETECTORS

Use of electron metal detectors in sintering plants [with summary in English]. D.P.Pritykin. Stal' 21 no.6. 490-492 Je '61.

METAL DRAWING see Drawing (Metalwork)

METAL OXIDES

Thermoelectronic properties of titanium, zirconium, hafnium, and thorium oxides. B.V.Bondarenko. Nauch.dokl.vys.shkoly, radiotekh.i elektron. no.2 330-335 '59

METAL POWDER PRODUCTS

Masterful metallurgists. S.Mariuts. Ukraina no.10:10-11 My '61.

Strip made of powder. Metallurg 6 no.6:39 Je '61.

METAL SPRAYING

Metal coating of a rotary kiln casing at the Ararat Cement Slate Combine. T.O.Shakhbazian. Nauch.soob. NIITSementa no.9:30-31 '60.

METAL SPRAYING—EQUIPMENT AND SUPPLIES

The TM-2 three-phase metal sprayer. Mashinostroitel' no.5:30 My '61.

METALLIC FILMS

Preparation of single-crystal films. N.G.Nikontov. Izv.AN SSSR.Ser.fiz 25 no.5:651 My '61.

METALLIC FILMS—ELECTRIC PROPERTIES

Some electric properties of extremely thin metallic films. N.G.Nikontov. Izv.AN SSSR Ser.fiz 25 no.5:652-654 My '61.

METALLIC FILMS—MAGNETIC PROPERTIES

Amplification of nanosecond pulses. O.S.Kolotov, T.N. Nikitina. Izv.AN SSSR Ser.fiz 25 no.5:624-627 My '61.

Apparatus for studying the pulse magnetic reversal of thin ferromagnetic films. T.N.Nikitina, R.V.Telesnin. Izv.AN SSSR Ser.fiz 25 no.5:619-621 My '61.

Barkhausen effect in thin molybdenum-permalloy films. N.M.Salanskii, A.M.Rodichev, M.K.Savchenko. Izv AN SSSR ser.fiz 25 no.5,602-605 My '61

Domain boundaries in thin ferromagnetic films. I.V. Kirenskii, V.A.Buravikhin. Izv.AN SSSR Ser.fiz 25 no.5:571-576 My '61

Domain structure and coercive force of thin ferromagnetic films. I.V.Kirenskii, V.A.Buravikhin, A.G. Zvegintsev. Izv.AN SSSR Ser.fiz 25 no.5:577-580 My '61

Domain structure of ferromagnetic films obtained by cathode sputtering. G.V.Spivak, I.G.Sizonenko, R.D. Ivanov. Izv.AN SSSR Ser.fiz 25 no.5,581-583 My '61

Domain structure of uniaxial ferromagnetic films. V.V. Kobelev, A.A.Kornushkin. Izv.AN SSSR Ser.fiz 25 no.5,678-683 My '61

Effect of the technology of preparation and the thickness on the domain structure of thin ferromagnetic films of Fe-Ni-Mo alloys. I.V.Kirenskii, V.A.Buravikhin. Izv.AN SSSR Ser.fiz 25 no.5:569-573 My '61

Ferromagnetic resonance in thin films. I.V.Kirenskii, V.A.Ignatchenko, O.G.Rabinov. Izv.AN SSSR Ser. fiz. 25 no.5:610-612 My '61

Investigating the time of magnetic reversal in ferromagnetic film elements. I.A.Efimov. Izv.AN SSSR Ser.fiz. 25 no.5,634-639 My '61

Measuring the losses due to hysteresis in thin films in a rotating magnetic field. N.I.Sudakov and others. Izv.AN SSSR Ser.fiz. 25 no.5:644-646 My '61

Nanosecond pulse generator for studying the time behavior of ferromagnetic films. O.S.Kolotov, T.N. Nikitina. Izv.AN SSSR Ser.fiz. 25 no.5:622-623 My '61

New methods for measuring the width of the boundary layer between domains with the aid of the Kerr effect. V.F.Sinegubov, M.K.Savchenko. Izv.AN SSSR Ser. fiz. 25 no.5,599-601 My '61.

Nucleus formation and Barkhausen effect in ferromagnetic films. V.P.Ivlev, V.S.Prokopenko. Izv.AN SSSR Ser.fiz. 25 no.5:606-609 My '61

Research on the duration of Barkhausen jumps in an iron film. G.M.Rodichev, P.D.Kim. Izv.AN SSSR Ser. fiz. 25 no.5:610-613 My '61.

Studying the domain structure of thin ferromagnetic films in the case of slow magnetic reversal. L.V.Kirenskii, S.V.Kan. Izv.AN SSSR Ser.fiz. 25 no.5:592-595 My '61.

Studying the magnetic structure of thin ferromagnetic films with the aid of the Kerr magnetooptical effect. L.V.Kirenskii, S.V.Kan, I.F.Degtiarev. Izv.AN SSSR Ser.fiz. 25 no.5:581-591 My '61

Theory of the magnetic reversal of thin films in strong fields. A.M.Rodichev. Izv.AN SSSR Ser.fiz. 25 no.5:614-618 My '61

Thin magnetic films in modern physics and technics. K.M.Polivanov, V.I.Frumkin. Izv.AN SSSR Ser.fiz. 25 no.5:566-568 My '61

Use of thin films for measuring magnetostriction and other deformations. V.A.Ugov, G.P.Dikakov. Izv. AN SSSR, Ser.fiz. 25 no.5:617-620 My '61

Variation of the domain structure of thin ferromagnetic films in a magnetic field. L.V.Kirenskii, V.A.Buravikhin, M.K.Savchenko. Izv.AN SSSR Ser.fiz. 25 no.5: 596-598 My '61

METALLIC OXIDES

Catalytic activity of oxides of fourth-period metals with respect to the oxidation of hydrogen. V.V.Popovskii, G.K.Boreskov. Probl.kin.i kat. 10:67-72 '60

Effect of electrolysis conditions on the formation and growth of anodic oxide films on aluminum [with summary in English]. F.P.Zalivalov, M.N.Tiukina, N.D. Tomashov. Zhur.fiz.khim. 35 no.4:879-886 Ap '61.

METALLOGRAPHY

Bolkhovitinov, N.F. [Metals and their heat-treatment] Metallovedenie i termicheskaia obrabotka. Izd.5-e, dop.i perer. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1961. 463 p.

Deformation of metastable austenite and the strength of steel strip [with summary in English]. V.IA.Zubov and others. Stal' 21 no.6:549-551 Je '61.

Dependence of the relaxation stability of metals and alloys on binding forces and distortions in the lattice and the correlation of the relaxation stability with hardness. B.M.Rovinskii, V.G.Liuttsau. Fiz.met.i metalloved. 11 no.2:285-289 F '61.

Does diffusion in metals accelerate or retard plastic deformation? B.IA.Pines, E.F.Chaikovskii. Fiz. met.i metalloved. 11 no.5:812-814 My '61.

Equipment for studying the cohesion of metals and alloys in a vacuum. V.V.Nichushkin. Izv.vys.ucheb.zav.; mashinostr. no.3:58-63 '61.

Mechanism of directional metal deformation under the effect of cyclic heat treatment. V.I.Prosvirin. Fiz. met.i metalloved. 11 no.5:782-783 My '61.

Mechanism of texture formation in metal and alloy recrystallization. D.I.Lafner, E.I.Krupnikova-Perlina. Fiz.met.i metalloved. 9 no.4:542-544 Ap '60.

Microscopic calculation of the spacing of atoms in a dislocation. B.A.Grinberg, A.N.Orlov. Fiz.met.i metalloved. 11 no.4:481-488 Ap '61.

Nauchno-tekhnicheskoe obshchestvo mashinostroitel'noi promyshlennosti. Kievskoe oblastnoe pravlenie. [Metals and their heat-treatment] Metallovedenie i termicheskaia obrabotka. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1961. 336 p.

Preparation of thin plates for the study of metals by means of a transmission electron microscope. M.P. Longinov, V.A.Zvereva. Zav.lab. 27 no.5:559-561 '61

Rossoshinskii, A.A. [Metallography of welded joints] Metallografiia svarnykh shvov. Moskva, Gos.nauchno-tekhn. izd-vo mashinostroit.lit-ry, 1961. 205 p.

Single-valued microfractography. IU.I.Demkin. Fiz. met.i metalloved. 11 no.5:814-815 My '61.

Substructure and microhardness of vacuum condensates of copper. L.S.Palatnik, G.V.Fedorov, A.I.Il'inskii. Fiz.met.i metalloved. 11 no.5:815-816 My '61.

METALLURGIC CHEMISTRY see Chemistry, Metallurgic

METALLURGICAL ANALYSIS—CONGRESSES

Conference on rapid methods of analysis for iron ores and nonmetallic metallurgical raw materials. IU.S. Kuznetsova. Zav.lab. 27 no.5:630 '61

METALLURGICAL FURNACES
(see also subdivision under Ural Mountains)

Evaluating the degree of blackness of a flame furnace torch. V.S.Kocho and others. Zav.lab. 27 no.5: 574-576 '61.

METALLURGICAL FURNACES—MAINTENANCE AND REPAIR

High-speed building-up of new hearth bottoms. Metallurg 6 no.3,22-23 Mr '61.

New way of repairing furnace bottoms. Metallurg 6 no.6,19 Je '61.

METALLURGICAL LABORATORIES see subdivision under Novosibirsk

METALLURGICAL PLANTS
(see also subdivision under China, Chusovoy; Elektrostal'; Karaganda, Ural Mountains, Zaporozh'ye)

Brief news. Prom.stroi. 38 no.5:61 '60.

Continuous centralized control of main production processes. D.Z.Freidenzon. Stal' 21 no.5:458-460 My '61.

Expand the use of precast reinforced concrete in building metallurgical plants. T.P.Chernov. Prom.stroi. 38 no.5:1-4 '60.

METALLURGICAL PLANTS—ACCOUNTING

Business relations between ingot suppliers, machine shops and customers. I.E.Moshkevich, A.D.Kissin. Stal' 21 no.5:456-457 My '61.

METALLURGICAL PLANTS—DESIGN AND CONSTRUCTION

Design solutions for gas purification installations in ferrous metallurgy plants. P.S.Khomutinnikov, IU.M. Dronevich. Stal' 20 no.7:660-661 Jl '60

METALLURGICAL PLANTS—EQUIPMENT AND SUPPLIES

Conference on the over-all mechanization and automatization of metallurgical machine units. M.P.Zolotarev. Stal' 20 no.7,671 Jl '60.

Crane tracks free of joints of plants of a metallurgical combine. N.E.Gorozhaninov, L.I.Zverev. Stal' 21 no.5:477-478 My '61.

Floor-type stripping machine with a floating shaft. I.S. Liulenkov, S.P.Kochnev. Stal' 21 no.5:478-479 My '61.

Planning and accounting of railroad haulage and wage system for car shunting brigades. E.E.Bermant, M.S.Kuznetsov. Stal' 21 no.6:563 Je '61.

METALLURGICAL PLANTS—SAFETY MEASURES

Give metalworkers healthy and safe working conditions. A.Rudnev. Metallurg 6 no.6:1-2 Je '61.

Nesterenko, S.L. [Guide to safety measures in laying, repairing, and lining steel-smelting furnaces] Pamiatka po tekhnike bezopasnosti dlia kamenshchikov po kladke, remontu i obmurovke stalеplavil'nykh pechei. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit. lit-ry, 1959. 101 p. (Tekhnika bezopasnosti)

METALLURGICAL PLANTS—VENTILATION

Protection of metalworkers from radiant heat. A.A. Malykh. Metallurg 6 no.6:37-39 Je '61.

METALLURGICAL RESEARCH see subdivision under Kiev; Zhdanov

METALLURGY

Lectures read by foreign scientists at the A.A.Baikov's Institute of Metallurgy of the Academy of Sciences of the U.S.S.R. in 1956. Trudy Inst. met. no.4:262 '60

Solution of certain problems of metallurgical heat engineering with the aid of an electric grid ingegrator [with summary in English]. L.A.Kozdoba, V.I.Makhnenko. Inzh.-fiz.zhur. 4 no.4:102-104 Ap '61.

Toward new achievements for Metallurgist's Day. P.I. Korobov. Stal' 20 no.7:574-578 Jl '60.

Use of oxygen in metallurgy. I.P.Bardin. Trudy Inst. met. no.4:3-34 '60.

METALLURGY—ABSTRACTS
[Metallurgy.] Ref.zhur., Met no.6 Je '61.

METALLURGY—CONGRESSES
Autumn conference of the French Metallurgical Society held on October 17-21, 1960. V. D. Asonov. Metalloved. i term. obr. met. no.5:63-64 My '61.

Conferences held in 1956 by the A. A. Baikov's Institute of Metallurgy of the Academy of Sciences of the U.S.S.R. Trudy Inst. met. no.4:257-259 '60.

Fourth plenary session of the Central Administrations of the Scientific and Technical Societies of Ferrous and Nonferrous Metallurgy. Ogneupory 26 no.1:107 '61.

Visit by scientists of the A. A. Baikov's Institute of Metallurgy of the Academy of Sciences of the U.S.S.R. to foreign countries in 1956. Trudy Inst. met. no.4:260-261 '60.

METALS
(see also subdivision under Kazakhstan)

Amount of heavy metals in the Kazenmyy Torets and Northern Donets during irrigation periods. N. G. Fesenko, L. T. Klimov. Gig. i san. 25 no.3:104-105 Mr '60.

Catalytic properties of metals are determined by the degree of approach of their surface to the state of equilibrium. V. M. Glazunov, V. I. Shmulis, V. D. Iagodovskii. Dokl. AN SSSR 136 no.5:1086 F '61.

Mechanism of the destruction of a metallic surface by the free impact of an abrasive particle. V. N. Kashcheev, V. M. Glazkov. Izv. vys. ucheb. zav., energ. 4 no.4:80-85 Ap '61.

Sorption of hydrolyzed ions on cation exchange resins. Part 1. Washing of the ions of sodium, barium, lanthanum, uranium(VI), thorium, and uranium(IV) from columns with KU-1 and KU-2 resins by means of hydrochloric acid and an ammonium chloride solution. A. I. Zhukov, I. V. Markov. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no.2:247-252 '61.

Simplify the supply and sales system. P. TSar'kov. Plan. khoz. 38 no.6:70-73 Je '61.

Strengthen the economic relations between enterprises! Oblomskaia. Plan. khoz. 38 no.6:64-70 Je '61.

METALS—ANALYSIS
Quantitative determination of traces of barium, nickel, copper, antimony, molybdenum, manganese, cadmium, tin, gold, arsenic in metallic beryllium by the radioactivation method [with summary in English]. I. P. Alimarin and others. Zhur. anal. khim. 16 no.2:209-212 Mr-Ap '61.

Requirements to be made of the chemical composition of metal providing for good weldability. F. M. Slutskaia. Avtom. svar. 14 no.6:83 Je '61.

Separation of zinc, copper, cadmium, lead, bismuth, and silver by means of ion exchange [with summary in English]. M. N. Zvereva, N. I. Vinogradova. Vest. LGU 16 no.10:142-144 '61.

METALS—BIBLIOGRAPHY see Bibliography—Metals

METALS—COLD WORKING
Direction of slip and cold working of a surface. V. D. Evdokimov. Dokl. AN SSSR 136 no.1:71-76 Ja '61.

METALS—CONGRESSES
Technological conference on metals and the heat treatment of metals held in Rostov-on-Don. P. K. Alekseandrov. Metalloved. i term. obr. met. no.5:62 My '61.

METALS—ELECTRIC PROPERTIES
Theory of diffusion mobility and electric transfer in metals and metallic solid solutions. K. P. Gurov. Fiz. met. i metalloved. 11 no.4:496-506 Ap '61.

METALS—FATIGUE
Characteristics of deformation and breakdown of machine parts caused by repeated static overloads under combined stressed conditions and the effect of the relief of surfaces on the strength of parts. M. E. Vartanian. Sbor. nauch. trud. ERPI no.20:01-98 '59.

Iskritskii, D. E. [Fatigue of metals in structural frames] Ustalost' metallov v konstruktsiiakh. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1960. 85 p.

METALS—FINISHING
Basic trends in the improvement of finishing operations. S. G. Rozenblium. Mashinostroitel' no.5:9 My '61.

New method of obtaining frosted finish and crystal-type coatings. A. Sh. Valeev. Mashinostroitel' no.5:40-41 My '61.

METALS—FINISHING—EQUIPMENT AND SUPPLIES
Mechanization of finishing operations. N. P. Kosov. Vest. mash. 41 no.5:66-68 My '61.

METALS—HARDENING
Committee on hardening techniques. I. M. Shif. Mashinostroitel' no.5:48 My '60.

Equipment for hardening of parts by burnishing. A. M. Usov. Vest. mash. 41 no.5:64-66 My '61.

METALS—HEAT TREATMENT
Bolkhovitinov, N. F. [Metals and their heat treatment] Metallovedenie i termicheskaia obrabotka. Izd.5-e, dop. i perer. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 468 p.

Nauchno-tekhnicheskoe obshchestvo mashinostroitel'noi promyshlennosti. Kievskoe oblastnoe pravlenie. [Metals and their heat-treatment] Metallovedenie i termicheskaia obrabotka. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 336 p.

Rustem, S. L., and O. P. Harashchenko. [Equipment, automation, and mechanization in heat-treating departments] Obladnannia, avtomatyzatsiia i mekhanizatsiia v termichnykh tsekhakh. Moskva, Derzh. naukovo-tekhn. vyd-vo mashynobudivnoi lit-ry, 1959. 371 p.

METALS—OPTICAL PROPERTIES
Change in the coefficient of reflection of metals when a direct current is passed through them. V. A. Gorbachev. Vest. Mosk. un. Ser. 3 Fiz., astron. 15 no.6:8-9 N-D '60.

METALS—PERIODICALS
Readers' conference in Leningrad. Metalloved. i term. obr. met. no.5:61-62 My '61.

METALS—PICKLING
Addition of sodium chloride to the pickling solution. Stal' 21 no.6:570 Je '61.

New reagent for the pickling of welded titanium joints. V. F. Grabin. Avtom. svar. 14 no.5:91 My '61.

METALS—SPECTRA
Recent determinations of Li, Na, K, Rb, Cs, Ca, and Sr in the standards W-1 and G-1 by flame photometry. E. E. Vainshtein, V. I. Lebedev. Geokhimiia no.1:362-363 '61.

Technique of specimen preparation for studying the chemisorption of gases on metals by infrared spectroscopy [with summary in English]. V. I. Lygin, N. N. Kavtaradze, E. G. Boreskova. Zhur. fiz. khim. 35 no.4:932-933 Ap '61.

METALS—TESTING
Apparatus for investigating the linear shrinkage of metals and alloys. V. P. Lopatkin. Zav. lab. 27 no.5:608-610 '61.

Effect of hydrostatic pressure on the elastic properties of metals. Part 2: General considerations and further study. F. F. Voronov. Fiz. met. i metalloved. 11 no.4:620-627 Ap '61.

Mechanical properties of metals and alloys during brief loading and high temperatures. G. N. Mekhed. Trudy Inst. met. no.4:150-157 '60.

Static method of investigating the elasticity modulus under the effect of pressure on all sides reaching 4000 kg per sq. cm. Z. I. Stakhovskaia, I. S. Tomashevskaia. Fiz. met. i metalloved. 9 no.4:589-592 Ap '60.

Ultimate uniform elongation during a tensile test as universal characteristics of the strength of metals. N. I. Monakhov. Trudy MIIT no.131:218-220 '61.

Zonality of first and second order plastic deformations in polycrystalline metals. V. S. Ivanova. Trudy Inst. met. no.4:158-169 '60.

METALS, EFFECT OF RADIATION ON
Study of metal corrosion in the experimental hole of the IRT reactor. A. V. Bialobzhenskii, V. D. Val'kov. Atom. energ. 10 no.5:525-528 My '61.

METALS, EFFECT OF TEMPERATURE ON
Effect of crystal properties and substructure on the metal strength. Part 1. Fe-Ni and Fe-Si alloys. V. M. Kardonskii and others. Fiz. met. i metalloved. 11 no.4:609-614 Ap '61.

Effect of crystal properties and substructure on the metal strength. Part 2: Iron and nickel. V. M. Kardonskii, G. V. Kurdiumov, M. D. Perkas. Fiz. met. i metalloved. 11 no.4:615-619 Ap '61.

Effect of heat treatment on the alpha-phase substructure of cast iron. Iu. G. Bobro, A. P. Liubchenko, V. V. Lebedenko. Metalloved. i term. obr. met. no.5:43-45 My '61.

Effect of heat treatment on the mechanical properties of deposited weld metal of the type 16-25-6 (EI-395). T. I. Ivanova, I. V. Grigalis. Svarka 2:84-94 '59.

Effect of prolonged heating at 350 - 600° on the resilience of austenite-ferrite welds. S. V. Unger, M. P. Mel'nikov, V. I. Kogvinov. Avtom. svar. 14 no.6:14-20 Je '61.

Low-temperature impact strength of austenitic steel and the effect on it of small additions of boron. V. V. Levitin. Fiz. met. i metalloved. 11 no.4:564-567 Ap '61.

Mechanism of directional metal deformation under the effect of cyclic heat treatment. V. I. Prosvirin. Fiz. met. i metalloved. 11 no.5:782-783 My '61.

Properties of low-carbon steel following hardening and tempering. K. F. Stародубов, Iu. Z. Borkovskii. Metalloved. i term. obr. met. no.5:15-18 My '61.

Relaxation tests to determine the conditions of tempering welded structures and the heat resistance of steel. A. N. Perov. Svarka 2:131-138 '59.

Reverse transformation of martensite in the process of heating stainless, transition-class steels. E. G. Fel'dgandler, M. V. Pridantsev. Fiz. met. i metalloved. 11 no.4:551-556 Ap '61.

Temperature relation of hysteresis and eddy current losses in electrical steel. V. V. Druzhinin, N. I. Mokrushina. Fiz. met. i metalloved. 9 no.4:498-502 Ap '60.

Tendency toward intercrystallite corrosion in austenitic filler metal depending on temperature and time of aging. M. A. Gol'perin, V. V. Ardentov, K. M. Ivanov. Svarka 2:71-76 '59.

METALS, RARE AND MINOR
(see also subdivision under Kazakhstan)

Criteria for prospecting for and evaluating rare-metal pegmatites as proposed by K. A. Vlasov, A. I. Ginzburg, G. G. Rodionov. Sov. geol. 4 no.11:127-132 N '61.

Relation of thallium to rubidium, cesium, and potassium in metamorphic rocks, granites, and rare-metal pegmatites of the Sayans. Iu. S. Slepnev. Geokhimiia no.4:359-361 '61.

Vitamins of technical progress. S. Kaganovich. Znan. ta pratsia no.5:12-13 My '61.

Wallrock alterations of hydrothermal and pneumatolytic deposits of rare elements [with summary in English]. A. A. Beus. Sov. geol. 4 no.1:114-126 Ap '61.

METALS, SUBSTITUTES FOR
Golikov, A. A., and N. V. Potekushin. [How to save metals] Kak luchshe ekonomit' metall. Moskva, Mashgiz, 1960. 40 p. (Biblioteka rabochego mashinostroitelia. Seriia "Osnovy konkretnoi ekonomiki," no.9)

METALS AT HIGH TEMPERATURES
Effect of subjecting it to long intervals of high temperatures on the brittleness of welded chromium-molybdenum-vanadium steel. L. G. Molchanova, M. Z. Pogorel'skaia, Iu. I. Chkatov. Svarka 2:110-120 '59.

Effect of the speed of elongation on the mechanical properties of MNIB "Melchior" and NMZhMts Monel-Metal at high temperatures. G. M. Volkogon. Tsvet. met. 34 no.5:62-64 My '61.

Investigating certain physical processes occurring on the surface of crystalline solids at high temperatures. Part 5. Self-correction of defects purposely produced on the surface of polycrystalline copper. IA. E. Geguzin, N. N. Ovcharenko. Fiz. met. i metalloved. 9 no.4:568-577 Ap '60.

Mechanical properties of metals and alloys during brief loading and high temperatures. G. N. Mekhed. Trudy Inst. met. no.4:150-157 '60.

Paramagnetism of manganese-antimony alloys at high temperatures. D. I. Volkov, P. A. Pshenichkin. Fiz. met. i metalloved. 11 no.4:513-518 Ap '61.

METALS AT LOW TEMPERATURES
Data on welding at low temperatures. Li Fen-shan, Chu Chzhin-fa. Avtom. svar. 14 no.5:20-23 My '61.

Mechanical properties of solids especially metals at temperatures of 4.2° K and lower. Part 6: Effect of prestressing on the mechanical properties of cadmium, armco iron and tantalum. O. V. Klavin. Fiz. met. i metalloved. 11 no.2:281-284 F '61.

Plasticity and brittleness of cast molybdenum at temperatures of 4.2 - 700°K. Part 1. L. A. Ghidin, IA. D. Starodubov, B. M. Vasiutinskii. Fiz. met. i metalloved. 11 no.5:794-800 My '61.

METALWORK
(see also subdivision under United States; Zhdanov)

Automatic line for manufacturing coal-mining combine bits. I. I. Ermak, V. A. Romanov. Mekh. i avtom. proizv. 15 no.5:10-11 My '61.

Causes of damage to permanent joints during the pressing out of their parts. M. I. Voronin. Izv. vys. ucheb. zav.; mashinostr. no.3:118-123 '61.

Cold three-dimensional stamping instead of machining by cutting. D. A. Veintraub. Priborostroenie no.5:20 My '60.

Golikov, A. A., and N. V. Potekushin. [How to save metals] Kak luchshe ekonomit' metall. Moskva, Mashgiz, 1960. 40 p. (Biblioteka rabochego mashinostroitelia. Seriia: "Osnovy konkretnoi ekonomiki," no.9)

Investigating the processes of bending and rolling of shaped parts on asymmetrical bending and shaping roller machines. Chang Chün. Izv. vys. ucheb. zav.; av. tekh. 3 no.2:168-176 '60.

New method for making screw rings. G. D. Rogozin. Mashinostroitel' no.5:22 My '60.

METALWORK—HANDBOOKS, MANUALS, ETC.
Smiriagin, A. P., and others. [Handbook on the working of nonferrous metals and alloys] Spravochnik po obrabotke tsvetnykh metallov i splavov. Pod red. L. E. Millera. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 872 p.

METALWORKERS
Creative daring. I. Shapoval. Metallurg 6 no.3:35 Mr '61.

Explorers of the future. Metallurg 6 no.3:1-3 Mr '61.

METALWORKERS—ACCIDENTS see subdivision under Chelyabinsk

METALWORKERS—DISEASES AND HYGIENE
Give metalworkers healthy and safe working conditions. A. Rudnev. Metallurg 6 no 6,1-2 Je '61.

METALWORKING LUBRICANTS
Fog helps the metal cutter. R. Dvoinikov. [Un. tekh. 5 no 5:33-35 My '61
Investigating dry and liquid lubricants for rod and wire drawing. Stal' 21 no.6,559 Je '61.
Investigating industrial lubricants for the cold rolling of titanium. I. M. Pavlov, V. K. Belosevich. Tsvet. met. 34 no 5 65-69 My '61
Role of metalworking lubricants in cutting titanium. V. F. Bobrov. Vest. mash. 41 no. 5:62-63 My '61.
Scientific technical conference on metalworking lubricants. V. D. Silivestrov. Stan. i instr. 31 no. 5:42 My '60

METALWORKING MACHINERY
Automatic ten-position merry-go-round unit for the manufacture of model sections. I. V. Efimov, Z. A. Dol'berg, N. I. Davydova. Avt. prom. 27 no. 5:47 My '61.
Instrument for the inspection of parts during their processing. A. I. Snimshchikov. Avt. prom. 27 no. 5 42 My '61.

METAMICT STATE
Investigating the metamictization of zircons by the use of infrared absorption spectra [with summary in English]. M. V. Akhmanova, L. L. Fonova. Geokhimiia no. 5:401-411 '61.

METAMORPHISM (GEOLOGY)
Anomalous isotopic composition of strontium in minerals from metamorphic rocks [with summary in English]. M. L. [Ashchenko, E. S. Varshavskaia, I. M. Glorokhov. Geokhimiia no 5 420-425 '61.
Mineral equilibrium factors in metamorphism [with summary in English]. A. A. Marakushev. Geol. i geofiz. no. 4:3-12 '61.
Wall-rock changes in the Uch-Ochak polymetallic deposit [with summary in English]. A. A. Popov. Geokhimiia no 4.298-305 '61.

METAMORPHOSIS
Role of haloids (bromine and iodine) in the metamorphosis of amphibia [with summary in English]. O. A. Krylov. Biul. eksp. biol. i med. 50 no 7.85-90 Jl '60.

METASOMATISM
The problem of small intrusion clusters and hydrothermal streams in pyrite-polymetallic ore fields of the Rudnyy Altai. P. E. Ivankin. Dokl. AN SSSR 136 no 4 897-900 Je '61
Quartz-feldspar metasomatites in skarns. V. A. Zharikov. Dokl. AN SSSR 138 no 3 671-673 My '61
Types of processes of replacement during the formation of talc deposits in the Urals and Siberia. I. F. Romanovich. Izv. vys. ucheb. zav., geol. i razv. 3 no 12 104-109 D '60
Wallrock alterations of hydrothermal and pneumatolytic deposits of rare elements [with summary in English]. A. A. Beus. Sov. geol. 4 no. 4.114-126 Ap '61.

METEORITES
(see also subdivision under Podkamennaya Tunguska Valley, Přibram, Czechoslovakia, Stalingrad Province; Yardymly region)
Absorption of cosmic radiation by iron meteorites [with summary in English]. L. K. Levskii. Geokhimiia no. 3:274-277 '60.
Compilation of a mineralogy of meteorites. D. P. Grigor'ev, V. D. Kolomenskii, V. G. Kuznetsova. Meteoritika no. 20:71-94 '61.
Calculating the radiation characteristics of clouds. K. S. Shifrin. Trudy GGO no 109 179-190 '61.
Luminance of dry haze in a many-layered atmosphere. O. A. Avaste. Trudy GGO no 109 13-24 '61.
Mean indicatrix in case of gamma-distribution. K. S. Shifrin, V. E. Ruskin. Trudy GGO no. 109 161-167 '61.
Optical phenomena observable on ice crystals. F. IA. Klimov. Trudy GGO no 109 100-113 '61.

METEOROLOGICAL RESEARCH
Final session of the Scientific Council of the Central Aerological Observatory. G. I. Bellaeva. Meteor. i gidrol. no. 6,66 Je '61.
Forty years of the Soviet Hydrometeorological Service. A. A. Zolotukhin. Meteor. i gidrol. no 6:1-19 Je '61.

METEOROLOGY
(see also subdivision under Antarctic regions, Europe, Lazarev Shelf Ice; Yardymly region)
Astroclimate. N. I. Kucherov. Priroda 50 no. 5:31-36 My '61.
Characteristics of Green's function of a boundary problem in the prognosis of the baric field of the atmosphere. S. V. Nemchinov. Izv. AN SSSR. Ser. geofiz. no. 6:933-941 Je '61.
Extraordinary weather phenomena in the U.S.S.R. in 1958 and 1959. V. M. Cherkasskaia. Trudy TSIP no.112,16-50 '61.
Geopotential forecasting in the centers of high cyclones and anticyclones by the wind field with an account of the acceleration. M. N. Mineeva. Trudy TSIP no. 112 39-49 '61.
Outstanding weather phenomena of the world in 1960. N. V. Kolobkov. Meteor. i gidrol no 6,53-55 Je '61.
Results of testing methods of absolute geopotential forecasting for the 500 and 300 millibar isobaric surfaces. T. D. Sereda. Trudy TSIP no 112 40-45 '61.
Theory of fronts. L. N. Gutman, L. N. Mal'ko. Dokl. AN SSSR 138 no 3:597-600 My '61.
Wind velocity divergence, vorticity, and the ΔH Laplacian at high levels in quasi vertical cyclones and anticyclones. A. N. Mertsalov. Trudy TSIP no. 112 18-31 '61

METEOROLOGY—BIBLIOGRAPHY see Bibliography—Meteorology

METEOROLOGY—OBSERVATIONS see subdivision under Antarctic regions

METEOROLOGY—OCEANOGRAPHY
Literature on meteorology, hydrology, and oceanography published in 1960 (continuation) Meteor. i gidrol. no 6:57-61 Je '61.

METEOROLOGY, AGRICULTURAL
Agrometeorological indices of conditions promoting the growth of buckwheat. N. Z. Ivanova-Zubkova. Trudy TSIP no.107 51-60 '61.
Agrometeorological indices of the growth of corn established on the basis of the surface area of leaves. IU. I. Chirkov. Trudy TSIP no.107,34-43 '61.
Germination of grain in mows of stage-harvested wheat and its relation to basic agrometeorological factors. G. I. Borisoglebskii. Trudy TSIP no.107:30-34 '61.
Pioneers' agricultural meteorological station. I. Brudin. [Un. tekh. 5 no. 2:68-70 F '61.

METEOROLOGY, MARITIME
(see also subdivision under Aral Sea)
Winter transfer of heat from the ocean and effective radiation when the continent's surface structure is complex. V. V. Shuleikin. Dokl. AN SSSR 136 no. 2.351-354 My '61.

METEOROLOGY IN AERONAUTICS
A correct evaluation of the weather situation is essential. V. M. Belousov, S. M. Sadovskii. Vest. Vozd. Fl. no 12: 45-46 D '60.
[ke climatic characteristics into consideration. A. Neshkin. Grazhd. av. 18 no. 5:13 My '61.
[eather forecasting plus initiative. B. Vadkovskii. razhd. av. 18 no. 5:13 My '61.

[ETEORS
[nating meteors. G. I. Pokrovskii. Priroda 50 5:86-87 My '61.
[on of meteors in the earth's atmosphere. K. P. [ntukovich, V. P. Shalimov. Meteoritika no. 20: [71 '61.
[sible mechanical phenomena caused by the motion of [teors. G. I. Pokrovskii. Meteoritika no. 20:95-102 [

[ACRYLAMIDE
[lic polymerization. Part 1: N-Methylidinethacrylamide [th summary in English] T. A. Sokolova, G. D. Rud[vskaia. Vysokom. soed. 3 no. 5:706-710 My '61.
[merization of N-substituted methacrylamides. [rt 3: N,N-disubstituted methacrylamides [with sum[ry in English]. T. A. Sokolova, G. M. Chetyrkina. [sokom. soed. 3 no. 2:244-247 F '61.

METHACRYLIC ACID
Addition of nitrile chloride to acrylic and methacrylic acids and their derivatives. S. S. Novikov, G. A. Shevkhgeimer, N. F. Platakov. Izv. AN SSSR Otd. khim. nauk no. 5 814-815 My '61
Free-radical addition of carboxylic acids to vinyl acetate and allyl acetate. G. N. Nikishin, IU. N. Ogibin, A. D. Petrov. Dokl. AN SSSR 138 no. 2 393-396 My '61.
Nuclear magnetic resonance study of polymers. Part 1: Temperature dependence of molecular mobility in different stereoisomeric forms of poly(methyl methacrylate) [with summary in English]. N. M. Bazhenov and others. Vysokom. soed. 3 no. 2 290-291 F '61.

METHACRYLIC ACID—THERMAL PROPERTIES
Specific heat of polymethyl methacrylic acid and polystyrene at low temperatures [with summary in English] I. V. Sochava. Vest. LGU 16 no 10 70-77 '61

METHACRYLIC ACID—TOXICOLOGY
Sanitary and hygienic conditions of labor in working with polymethylmethacrylate. S. E. Sandratskaia. Gig. i san. 25 no. 7 74-78 Jl '60

METHANE
Polarographic determination of chloroform and methylene chloride present simultaneously in hydrochloric acid. M. I. Levinskii, M. M. Filimonova. Zh. D. Gudzenko. Zav. lab. 27 no. 5 546-548 '61.
Production of methane and organic fertilizers through fermentation of wood waste and manure [with summary in English]. I. F. Romashkevich, G. N. Karelina, Mikrobiologiia 30 no. 1 146-151 Ja-F '61.

METHANESULFONIC ACID
Treatment of chronic myeloid leukemia with myleran under polyclinical conditions [with summary in English, pp. 61-62]. V. T. Morozova. Probl. gemat. i perel. krovi 5 no. 3,23-28 Mr '60.

METHIONINE
Study of protein fractions by means of paper electrophoresis in infectious hepatitis following treatment with methionine. P. G. Tkachev. Lech. infekts. bol'., no. 3 71-80 '57.

METHYLENE BLUE
Structure of a compound of gallium chloride with methylene blue. K. A. Bol'shakov, IU. G. Eremin, R. P. Evstigneeva. Izv. AN SSSR, Otd. khim. nauk no. 5:745-749 My '61.

METRIC SYSTEM
News of the art of measuring. I. IA. Depman. Mat. v shkole no. 3:87-88 My-Je '61.

MEZEN' VALLEY—FOLKLORE
On the Mezen'. N. Kolpakova. Sov. etn. no. 2:171-173 Mr-Ap '60.

MEZHGOR DISTRICT (TRANSCARPATHIA)—NURSES AND NURSING
Nurses' councils. A. M. Evdokimova. Med. sestra 20 no. 4:59-62 Ap '61.

MICA
Adopting efficient underground systems of mining mica deposits. A. A. Kapustin. Gor. zhur. no. 3 69-70 Mr '60.

MICE
Comparative estimation of the attractiveness of tree and shrub seeds with regard to murine rodents [with summary in English]. P. A. Sviridenko. Zool. zhur. 40 no. 5:763-767 '61.
Migration of house mice. V. K. Rakhilin. Priroda 50 no. 5:116 My '61.

MICE AS LABORATORY ANIMALS
White mice as a model for the study of immunogenic activities of vaccinal strains. A. I. Togunova, M. L. Khatenever. Probl. tub. 39 no. 3, 88-93 '61

MICHURIN, IVAN VLADIMIROVICH, 1855-1935
From now on I will take care of this problem myself. L. F. Frants. Nauka i zhizn' 27 no. 4:40-41 Ap '60.

MICROBIOLOGICAL RESEARCH see subdivision under Bulgaria

MICROBIOLOGY
Microbe hunters. V. G. Drobot'ko. Znan. ta pratsia no. 3:19-20 Mr '61.
"Microbe selection" by D. F. Petrov. Reviewed by K. Kozlov. Mikrobiologiia 30 no. 1 186-188 Ja-F '61.
Mishustin, E. N., and L. A. Trivlaiskii. [Microbiology of grain and flour] Mikrobiologiia zerna i muki. Moskva, Izd-vo tekhn. i ekon. lit-ry po voprosam khleboproduktov, 1960. 406 p.

MICROBIOLOGY—PERIODICALS
"Biologiia." Published by the Institute of Scientific Information of the Academy of Sciences of the U.S.S.R. Reviewed by A. A. Imshenetskii. Mikrobiologiia 30 no. 1: 181-186 Ja-F '61.

MICROCLIMATOLOGY

"City climate" by F. A. Kratt'sel'. Reviewed by K. G. Berlyushev. Gig. i san. 25 no. 3:113-114 Mr '60

Microclimate in large-panel apartment houses with built-up roofs. V. Rudenko. Zhil. stroi. no. 1:17-19 Ap '61

MICROCLIMATOLOGY—STUDY AND TEACHING see subdivision under Kazan

MICROCLINE

Argon retention in microcline. A. M. Kuz'min. Geokhimiia no. 5:456-458 '61.

MICROMETER

Pyramid for adjusting micrometers. A. P. Vasil'ev. Izm. tekh. no. 5:62 My '61.

MICRO-ORGANISMS

(see also subdivision under Baikal, Lake; Minusinsk Basin)

Intravital isolation of reducing substances in cultures of micro organisms [with summary in English]. I. L. Rabotnova and others. Mikrobiologiia 30 no. 1:3-8 Ja-F '61.

MICROPHONE

Equipment for graduating microphones at high levels of pressure due to sounds. N. N. Pisarevskii, T. V. Smyshliaeva. Prom. aerodin. no. 18:54-61 '60

MICROPHOTOMETER

Microphotometer with a photomultiplier. K. E. Skorik, I. S. Khelo. Izv. Glav. astron. observ. AN URSR 3 no. 2:132-137 '61.

MICROSCOPE

Microscope for visual-polythermal studies and macrophotography. I. N. Anikin. Trudy VNIIP [MS] 3 no. 2:119-121 '60

MICROSCOPE—TESTING

Using stepped gauge blocks in checking readings of the MIS-11 twin microscope. V. V. Pen'kov, Z. K. Antiufeeva. Izm. tekh. no. 6:7-8 Je '61.

MICROSCOPY—TECHNIQUE

Detection of mitochondria in Endomyces magnusii using an objective with the central disk [with summary in English]. G. A. Medvedeva. Zhur. ob. biol. 22 no. 2:151-153 Mr-Ap '61.

Morphology of fibroblasts in the culture of human embryonic tissue, investigation by the use of an objective with Stepanov's central disk [with summary in English]. A. N. Mosolov. Zhur. ob. biol. 22 no. 2:153-155 Mr-Ap '61.

MICROSEISMS

Some characteristics of microseism propagation along continental routes. L. N. Rykunov, S. V. Mishin. Izv. AN SSSR. Ser. geofiz. no. 6:810-817 Je '61.

MICROWAVE MEASUREMENTS

Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 205-56 for checking 36-I microwave dielectric measuring devices] Instruktsiia 205-56 po poverke izmeritelei dielektrikov 3-santimetrovogo diapazona tipa 36-I. Izd. ofitsial'noe. Moskva, 1957. 7 p.

Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 212-54 for checking tuned P-band and S-band wave meters] Instruktsiia 212-54 po poverke rezonansnykh volnomerov metrovogo i detsimetrovogo diapazonov. Izd. ofitsial'noe. Moskva, 1960. 20 p.

Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 213-54 for checking tuned S-band wave meters] Instruktsiia 213-54 po poverke rezonansnykh volnomerov desiatisantimetrovogo diapazona. Izd. ofitsial'noe. Moskva, 1956. 11 p.

Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 214-54 for checking X-band wave meters] Instruktsiia 214-54 po poverke rezonansnykh volnomerov trekhsantimetrovogo diapazona. Izd. ofitsial'noe. Moskva, 1956. 11 p.

Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 217-57 for checking S-band low power measuring devices] Instruktsiia 217-57 po poverke izmeritelia maloi moshchnosti desiatisantimetrovogo diapazona. Izd. ofitsial'noe. Moskva, 1957. 15 p.

Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 221-57 for checking X-band thermistorized low power measuring devices] Instruktsiia 221-57 po poverke termistornykh izmeritelei maloi moshchnosti trekhsantimetrovogo diapazona volн. Izd. ofitsial'noe. Moskva, 1957. 9 p.

Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 225-56 for checking X-band absorbing attenuators] Instruktsiia 225-56 po poverke pogloshchaiushchikh oslabitelei trekhsantimetrovogo diapazona volн. Izd. ofitsial'noe. Moskva, 1957. 24 p.

MICROWAVES

Decreasing losses caused by breaks of a surface wave line by means of a refracting prism. L. P. Strelkova. Vest. Mosk. un. Ser. 3, Fiz., astron. 15 no. 6:31-37 N-D '60.

Directional filter with two-ring resonators. B. B. Lagovier. Nauch. dokl. vys. shkoly, radiotekh. i elektron. no. 2:85-93 '59

[Ferrites in nonlinear microwave devices; collected articles. Translated from the English. Preface by A. G. Gurevich] Ferrity v nelineinykh sverkhvysokochastotnykh ustroistvakh, sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1961. 634 p.

Grudinskaia, G. P. [Propagation of microwaves] Rasprostranenie ul'trakorotkikh radiovoln. Izd. 2., perer. Moskva, Gos. energ. izd-vo, 1959. 103 p. (Massovaia radiobiblioteka, no. 382)

Self-oscillator with time delay. Part 1. K. N. Kozlovskii, S. P. Pushekhonov. Nauch. dokl. vys. shkoly, radiotekh. i elektron. no. 2:136-151 '59

MIDDLE AGES see subdivision under Spain

MIDDLE CLASSES

Rapprochement between the Russian bourgeoisie and nobility in the 18th century. N. I. Pavlenko. Ist. SSSR 5 no. 2:71-87 Mr-Ap '61.

MIDDLE EAST see Near East

MIDWIVES see subdivision under Pskov Province

MIKHAYLOVKA DISTRICT (STALINGRAD PROVINCE)—COMMUNITY CENTERS

"Thursdays" in the village of Buyanov. Dm. Kitov. Sov. deput. trud. no. 6:81-83 Je '61.

MIKHLIN, DAVID MIKHAILOVICH, 1887-1959

In memory of D. M. Mikhlin (June 7, 1887—June 30, 1959). P. A. Kolesnikov. Biokhimiia 25 no. 2:383-384 Mr-Ap '60

MIKHNOVSKII, I.

Sonatas and transcriptions. D. Blagoi. Sov. muz. 25 no. 6:168 Je '61.

MILI STEPPE see Kura Lowland

MILITARISM see subdivision under Germany, West

MILITARY ART AND SCIENCE

The creative nature of Soviet military science. S. Kozlov. Komm. Vooruzh. Sil 1 no. 11:48-56 Je '61.

Discussion of universal military theory. P. Zhilin. Voen.-ist. zhur. 3 no. 5:61-74 My '61.

"Man and machinery in present-day war" by V. K. Abramov. Reviewed by I. Kulikov. Komm. Vooruzh. Sil. 1 no. 11:88-89 Je '61.

Some problems of military art in the "resistance war" of the Vietnamese people. G. Berdnikov. Voen.-ist. zhur. 3 no. 5:32-51 My '61.

Studying the history of military art. N. Tokarev. Voen.-ist. zhur. 3 no. 5:120-121 My '61.

MILITARY ART AND SCIENCE—BIBLIOGRAPHY see Bibliography—Military art and science

MILITARY ART AND SCIENCE—PERIODICALS

To our readers. Voen. vest. 40 no. 10:3-4 O '60.

MILITARY BASES

Dismantlement and the struggle against colonialism. Jweli Mgogo. Vaem stud. nov. 15 no. 2:5-6 F '61

MILITARY BASES, AMERICAN see subdivision under Okinawa Island

MILITARY DISCIPLINE

Inviolable military discipline is the key... combat preparedness. A. Zhadov. no. 10:5-8 O '60.

Let's tighten discipline among the automobiles and trucks. I. Korovi... Sil. 1 no. 11:36-40 Je '61.

New regulations of the Soviet Arm... training of soldiers and sailors. Vooruzh. Sil. 1 no. 12:32-38 Je

Procedure in the examination of c... contravention of discipline by the Communist Youth League. Komm... no. 11:85-87 Je '61

Useful talk. S. N'in. Komm. Voor... Je '61.

MILITARY EDUCATION

(see also subdivision under Kuyb... Tashkent)

Demonstration of methods is the m... V. Lebedev. Voen. vest. 40 n...

Everything depends on the goal set. Voen. vest. 40 no. 10:50-51 O '6...

Our needs and requirements. S. K... 40 no. 10:87-89 O '60.

MILITARY ENGINEERS

More attention to military buildin... Komm. Vooruzh. Sil. 1 no. 12:39

MILITARY FIELD ENGINEERING

Structures at the command post. vest. 40 no. 10:74-76 O '60.

MILITARY HISTORY—PERIODICALS

Readers' conferences of the "Voenno-istoricheskii zhurnal." Voen.-ist. zhur. 3 no. 5:114-121 My '61.

MILITARY HYGIENE

"Military hygiene" by F. G. Krotkov. Reviewed by A. A. Minkh, G. M. Popov. Gig. i san. 25 no. 7:118-119 Jl '60

MILITARY JOURNALISM see Journalism, Military

MILITARY LAW

Conferences for studying the work methods. Efimenko. Sots. zakon. 27 no. 1:65-67 Ap '60

MILITARY MUSEUMS

(see also subdivision under Sokolov, Kharkov Province)

The Military Science Society affiliated with the Central Museum of the Soviet Army. Ist. SSSR 5 no. 3:233-235 My-Je '61

Where a fierce battle took place. M. D. Rupalo. Ukr. ist. zhur. 5 no. 3:160-161 My-Je '61.

MILITARY RADIO see Radio, Military

MILITARY RECONNAISSANCE

Operation of the reconnaissance detachment. Voen. vest. 40 no. 10:21 O '60.

[Reconnaissance in a rifle unit] Razvedka v strelkovykh podrazdeleniiakh. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 125 p.

MILITARY TRANSPORTATION see Transportation, Military

MILITSYN, VLADIMIR ALEKSANDROVICH, 1890-

Professor Vladimir Aleksandrovich Militsyn; on his 70th birthday. M. M. Anikin. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 1:85-86 '61.

MILK

(see also subdivision under Zaigrayevo District)

"How milk is formed" by G. I. Azimov. Reviewed by G. V. Tverskoi. Vest. sel'khoz. nauki 6 no. 5:156-158 My '61.

"Milk and human nutrition" by P. B. Davidov, V. P. Sokolovskii. Reviewed by N. I. Orlov. Gig. i san. 25 no. 7:114-115 Jl '60

Some milk defects in the manufacture of kefir. G. M. Patkul', L. A. Kachtova. Izv. vys. ucheb. zav., pishch. tekh. no. 2:75-76 '61.

MILK AS FOOD

Importance of milk and milk products in the diet of children and adults. V. P. Prokof'ev. Med. sestra 20 no. 4:54-56 Ap '61.

MILKING MACHINES

Automatic milking line. A. Vepretskii, G. Gershenzon. Tekh. v sel'khoz. 20 no. 4:17-21 Ap '60.

UDS-1 mobile milking parlors. A. Ivanov. Nauka i zhizn' 27 no. 4:68-69 Ap '60.

MILLET

Comparative research on the anatomical structure of flower pellicles in millet seeds. M. S. Dudkin, N. A. Voropaeva. Izv. vys. ucheb. zav., pishch. tekh. no. 2:64-69 '61.

MILLET—CLEANING

Improving the technology of millet seed cleaning and grading. IE. O. Mykhnitenko. Visnyk sil'skosp. nauky 4 no. 4:101-102 Ap '61

MINE DRAINAGE
(see also subdivision under Lebedi region, Kursk Magnetic Anomaly)

Abramov, S. K., O. B. Skirgello, and M. I. Chel'tsov. [Draining coal deposit mine fields and strip mines] Osushenie shakhtnykh polei i kar'erov ugol'nykh mestorozhdenii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 398 p.

MINE DUSTS
D'iakov, V. V. [Dust control in scraper levels] Obespylivanie gorizontov skreperovaniia. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 90 p.

Kuznetsov, Iu. V. [Preliminary wetting of coal seams] Predvaritel'noe uvlazhnenie ugol'nykh plastov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 56 p.

Spraying system. I. IA. Mun'kov. Ugol' 36 no. 5:58-59 My '61

MINE DUSTS—CONGRESSES

Conference on the problem of controlling dust in strip mines. V. S. Nikitin. Trudy Inst. gor. dela 5 181-184 '60

MINE EXAMINATION see subdivision under Chelyabinsk

MINE EXPLOSIONS
Methane and dust explosions in mines should be prevented. A. P. Shirokov, T. D. Korovin. Bezop. truda v prom. 5 no. 5:1-3 My '61.

MINE FILLING see subdivision under Donets Basin

MINE FIRES
Prevent exogenous fires in mines. K. I. Shimanov, I. A. Vodakhov. Bezop. truda v prom. 5 no. 5:13-15 My '61.

MINE GASES
(see also subdivision under Kuznetsk Basin)
Effect of the length of the longwall and of the time needed for its mining on the methane content of a section mined with the combination system. S. N. Osipov. Ugol' Ukr. 5 no. 5:4-5 My '61

Effect of the rate of sloping on the evolution of gas in a worked seam. V. I. Kravets, I. A. Ryzhenko. Izv. vys. ucheb. zav., gor. zhur. no. 2 78-80 '60

Experiment in the utilization of air leakages for improving gas content conditions in sections. P. A. Prokazin. Ugol' 36 no. 5 57-58 My '61

MINE HAULAGE
(see also subdivision under Kedrovka region, Kemerovo Province)

Automatic control in underground transportation. M. I. Ozernoi. Ugol' 36 no. 3 61 Mr '61

"Improving underground transportation in coal mines." Reviewed by I. V. Sinitsa. Ugol' Ukr. 5 no. 5:44-45 My '61.

Mine conditions governing the efficient use of transportation equipment in strip mines of the Kuznets Basin. Iu. P. Samorodov. Trudy Inst. gor. dela 5 22-31 '60

New electric locomotive for open-pit mining. V. N. Stepanchuk. Gor. zhur. no. 3, 58 Mr '60

New method of determining the length of a mine area (in connection with the article by N. G. Kapustin). I. S. Bogoslavskii. Izv. vys. ucheb. zav., gor. zhur. no. 9:32-38 '59.

New variant of conveyer-bridge waste dumping systems in strip mining. P. V. Molchanov. Ugol' 36 no. 4 48-52 Ap '61

Optimum extent of the mine area in relation to the transportation of men in the mine. N. G. Kapustin. Izv. vys. ucheb. zav., gor. zhur. no. 9 27-31 '59.

Practical construction of a chute drawer for mines in the Krivoy Rog Basin. [illegible]

Stability of a relay control on an asynchronous hoist drive. A. G. Vigandt. Izv. vys. ucheb. zav., gor. zhur. no. 12 83-88 '59.

Theoretical basis for increasing the haulage capacity of rope-driving drums and sheaves of friction in mine hoists by using pressure rollers. A. P. Zimin. Izv. vys. ucheb. zav., gor. zhur. no. 3 110-115 '60.

Theory of the pneumatic, spring-loaded operation of brakes in mine hoisting machines. V. F. Volokonskii. Izv. vys. ucheb. zav., gor. zhur. no. 2 146-150 '60

Wear and increased efficiency of grip rollers on rope-friction mine hoists. A. P. Zimin. Izv. vys. ucheb. zav., gor. zhur. no. 11, 117-122 '59.

MINE HOISTING—SAFETY MEASURES
Rules for using hoists in sinking vertical mine shafts. I. I. Levikov, I. A. Markov, S. S. Tkachev. Shakht. stroi. 5 no. 4:33 Ap '61

MINE INSPECTION see subdivision under Leninogorsk

MINE MANAGEMENT see subdivision under Uglovskoy Basin

MINE MAPS
Some problems in revising large-scale maps. A. P. Trunin, L. A. Volkov. [Trudy] VNIMI no. 33 188-190 '58.

MINE RAILROADS
Determination of the most advantageous parameters of open-pit railroad transportation with locomotive traction and special pusher engines. V. A. Kormil'tsev. Izv. vys. ucheb. zav., gor. zhur. no. 12 64-72 '59.

Determination of the most advantageous parameters of open-pit railroad transportation with single locomotive traction. V. A. Kormil'tsev. Izv. vys. ucheb. zav., gor. zhur. no. 9, 115-128 '59.

Investigation of a d.c. double-drive, differential, traction engine. V. B. Furman, M. V. Martynov. Nauch. rab. stud. GNSO MGI no. 7 151-167 '59.

Method of adapting a loading stand assembly for mine locomotive research. S. N. Istomin. Izv. vys. ucheb. zav., gor. zhur. no. 2 143-146 '60

Pull of a train moving along a curved track. A. A. Solov'ev. Izv. vys. ucheb. zav., gor. zhur. no. 2 137-140 '60

Stability of cars in rounding a reverse curve. A. A. Solov'ev. Izv. vys. ucheb. zav.; gor. zhur. no. 12 38-40 '59.

MINE RAILROADS—BRAKES
Basic propositions in designing shoe brakes for mine transport. B. G. Gerbachev. Izv. vys. ucheb. zav., gor. zhur. no. 2 111-115 '60

MINE RAILROADS—CARS
(see also subdivision under Donets Basin)
Determination of the most advantageous parameters of railroad transportation in an open pit with a locomotive and motorized dump cars. V. A. Komil'tsev. Izv. vys. ucheb. zav.; gor. zhur. no. 11:84-91 '59.

Results of mine testing of machines for cleaning railroad cars. V. G. Govorov, A. O. Spivakovskii. Nauch. rab. stud. GNSO MGI no. 7, 77-49 '59.

Using the degree of dust formation as factor in selecting an efficient capacity of mine cars. B. D. Bekirbaev. Ugol' 36 no. 4 36-37 Ap '61

MINE RAILROADS—EQUIPMENT AND SUPPLIES
Machine for cleaning mine railroad tracks. I. V. Makarov, I. S. Mazhinskii. Ugol' 36 no. 4 34-35 Ap '61.

MINE RAILROADS—SAFETY APPLIANCES
Special features of brakes with parachutes on railroad cars designed by the Makeyevka Research Institute for Mine Safety. L. M. Breslavskii. Izv. vys. ucheb. zav., gor. zhur. no. 12:56-63 '59.

MINE RAILROADS—SIGNALING
Synthesis of relay diagrams for a mine signaling system. A. G. Karibaev. Izv. vys. ucheb. zav.; gor. zhur. no. 9: 129-134 '59.

MINE RESCUE WORK—EQUIPMENT AND SUPPLIES
Central laboratory for mining rescue equipment. S. Z. Al'ter, B. M. Shcharanskii. Ugol' Ukr. 5 no. 5:40 My '61.

NE ROOF BOLTING
(see also subdivision under Pechora Basin)
lysis of the rocking action of an expansion-type bolt. A. Suvorov. Izv. vys. ucheb. zav., gor. zhur. no. 2 -30 '60

hor bolting in slate mines. V. M. Volzhskii, M. E. ucheshnikov. Ugol' 36 no. 4, 14-17 Ap '61.

l of use and the parameters of shortwalls with anchor ting in southern Kuznetsk Basin mines. A. K. Kovrin. Izv. vys. ucheb. zav., gor. zhur. no. 6 10-14 '60.

stigation of the range of application and the para- ters of chambers with roof bolting. S. I. Zapreev, K. Kovrizhin, K. K. Kiprianova. Izv. vys. ucheb. zav., r. zhur. no. 2-35-35 '60.

arch in wooden roof bolting. K. V. Koshelev. Gor. r. no. 3:71 Mr '60.

bolting supports. V. Zaslov. Tekh. mol. 29 no. 5:12

Theory of mine roof bolting. A. T. Topalkariev. Soob. AN Gruz. SSR 24 no. 1 57-64 Ja '60

Use of models in determining the parameters of stopes in the chamber system of mining with the use of rod bolting. S. I. Zapreev, A. K. Kovrizhin, K. K. Kiprianova. Izv. vys. ucheb. zav., gor. zhur. no. 9:20-26 '59

MINE SURVEYING
Analysis of accuracy in the underground running of trigonometric levelling. S. A. Filatov, L. I. Shul'ga. [Trudy] VNIMI no. 33 32-53 '58.

Calculation of the position of a rigid plumb-bob in orienting mines. V. IA. Chaiko. [Trudy] VNIMI no. 33 22-31 '58.

Checks on compensating computations by the method of intervening observations in determining mine survey triangulation points with sections. K. G. Kuzovov. Izv. vys. ucheb. zav., gor. zhur. no. 11 32-40 '59.

Construction of block diagrams by means of affine transitions of surfaces and cross sections. I. D. Gol'din. Izv. vys. ucheb. zav., gor. zhur. no. 2 49-52 '60

Effect of refraction in underground workings of coal mines on the functioning of an optical rangefinder. L. A. Greim. [Trudy] VNIMI no. 33:110-130 '58.

Equally spaced network of points in circular graphs of fracturing. R. A. Tikhanov. Izv. vys. ucheb. zav., gor. zhur. no. 6 46-52 '60.

Factors in determining the parameters and in choosing equipment for a supplemental three-dimensional survey of strip mines. V. G. Bazylev. [Trudy] VNIMI no. 33:147-156 '58.

Measurement of length by means of an off-center plumb bob. N. I. Kuksov. [Trudy] VNIMI no. 33 210-214 '58.

Measuring prism for a vertical circle. N. A. Gusev. Izv. vys. ucheb. zav., gor. zhur. no. 2 54-56 '60

Most likely position of a planned surface in making a vertical lay-out of the commercial area. V. A. Bukrinskii. Izv. vys. ucheb. zav., gor. zhur. no. 9 61-64 '60

Predicting errors of base points during basic survey work. A. I. Kobylin. Izv. vys. ucheb. zav., gor. zhur. no. 7 11-14 '60

Projecting a point from the surface into a mine by means of a freely falling object. N. P. Tikhomirova. [Trudy] VNIMI no. 33:54-61 '58.

Semigraphical method of comparison in determining separate points in a survey triangulation with resections and intersections. K. G. Kuzovov. Izv. vys. ucheb. zav., gor. zhur. no. 3 15-21 '60.

MINE SURVEYING—EQUIPMENT AND SUPPLIES
Practice of using twin cameras for surveying open-pit mines. D. V. Brezhnev. Izv. vys. ucheb. zav., gor. zhur. no. 11 23-31 '59.

MINE SURVEYING—INSTRUMENTS
Research on the effect of nonparallelism of the axes of the limb and the alidade on accuracy in measuring horizontal angles in steeply dipping workings. A. V. Khlebnikov. [Trudy] VNIMI no. 33:87-101 '58.

Small surveying gyrocompass. V. A. Sinitsyn. [Trudy] VNIMI no. 33:62-75 '58.

Use of a striding level in surveys of steeply dipping workings. A. V. Khlebnikov. [Trudy] VNIMI no. 33: 102-109 '58.

MINE TIMBERING
(see also subdivision under Chelyabinsk Basin, Donets Basin, East Kazakhstan Province, Pechora Basin)
Aerodynamic resistance of longwalls. B. E. Gretsinger. Ugol' Ukr. 5 no. 5:23-24 My '61.

Designing flexible timbering of concrete blocks. G. I. Khazalia. Soob. AN Gruz. SSR 24 no. 1:65-71 Ja '60.

Investigating rock pressure on ring supports in level workings by means of centrifugal modeling. F. A. Belaenko, V. T. Glushko. Izv. vys. ucheb. zav., gor. zhur. no. 6:32-36 '60.

Maintenance costs for Moscow Basin mines. L. N. Korzhuk. Izv. vys. ucheb. zav., gor. zhur. no. 6 27-31 '60.

Potashnikov, V. A. [Self-stressing reinforced concrete for mine supports] Samonapriazhennyi zhelezobeton dlia shakhtnoi krepi. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 106 p.

Precast mine supports made from waste products from dressing iron quartzite. V. M. Verbitskii, I. S. Zitser. Shakht. stroi. 5 no. 4:17-20 Ap '61.

Question of the behavior value of timbering for caving. M. P. Nesterov. Izv. vys. ucheb. zav., gor. zhur. no. 12: 15-20 '59.

Research on the coefficient of air-flow resistance in mine drifts reinforced with sectional reinforced concrete supports and equipped with belt conveyors. V. V. Kashibadze. Izv. vys. ucheb. zav.; gor. zhur. no. 2: 73-77 '60.

Rock pressure on collapsible timbering. E. T. Andreev. Izv. vys. ucheb. zav.; gor. zhur. no. 3:9-14 '60.

Roof caving without the use of battery stulls. I. A. Grigor'ev, L. P. Tkachenko. Ugol' 36 no. 5:16-20 My '61.

Using winches to move the OKU screw posts. T. A. Dekhanov. Ugol' Ukr. 5 no. 6:39 My '61.

MINE TIMBERING—STORAGE
Economic expediency in increasing timber supplies. S. A. Kulish. Izv. vys. ucheb. zav., gor. zhur. no. 3 35-38 '60.

MINE VALUATION
Economic evaluation of losses of coal in mines. I. S. Kuklin. Izv. vys. ucheb. zav., gor. zhur. no. 11 41-45 '59.

MINE VENTILATION
(see also subdivision under Donets Basin, Nizhniy Tagil region, Ukraine)
Automatic regulation of air pressure in mines. F. A. Abramov, V. A. Boiko. Ugol' Ukr. 5 no. 5:6-9 My '61.
Automatic ventilation door. N. G. Trushchenko, O. A. Savarovich. Gor. zhur. no. 3 52-53 Mr '60.
Calculation of initial critical speeds of the rotor wheel of a mine fan. D. IA. Moniseenko. Izv. vys. ucheb. zav., gor. zhur. no. 2 161-166 '60.
Classification of mine air ducts with continuous escapes and a method for the experimental determination of the aerodynamic qualities of air-splitting partitions. V. I. Kriazhev. Izv. vys. ucheb. zav., gor. zhur. no. 2 68-72 '60.
Corrections to the estimate for ventilation in preliminary work after blasting. V. N. Satarov. Shakht. stroi. 5 no. 4:21-23 Ap '61.
Effect of pulp motion in the troughs on the flow of ventilation air in the workings. F. S. Klebanov, V. I. Ronsochinskii. Ugol' 36 no. 5,33-35 My '61.
Efficient construction of an underground mine ventilation system. I. S. Derusov, V. B. Sivyi. Izv. vys. ucheb. zav., gor. zhur. no. 2 158-160 '60.
Kara, P. F., and G. A. Babak. [VTsO3, 1-110/450 centrifugal mine fan] Shakhtnyi tsentrobezhnyi ventiliator VTsO3, 1-110/450. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 42 p.
Konograi, V. P. [How a mine is ventilated] Kak provetrivaetsia shakhta. Izd. 2., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 61 p.
Means of preventing air heating in deep mines. IU. M. Perivov. Ugol' 36 no 5,56-57 My '61.
Methods of solving certain ventilation problems. M. N. Bodiagin, V. A. Litsev. Izv. vys. ucheb. zav., gor. zhur. no. 6 67-75 '60.
Modernizing the automatic control systems of mine ventilation units. V. I. Kot, L. IA. Margolin. Ugol' 36 no. 4 28-30 Ap '61.
Optimum extent of the mine area in calculating ventilation. N. F. Kremenchutskii. Izv. vys. ucheb. zav., gor. zhur. no. 9 39-46 '59.
Research on the coefficient of air-flow resistance in mine drifts reinforced with sectional reinforced concrete supports and equipped with belt conveyors. V. V. Kashubadze. Izv. vys. ucheb. zav., gor. zhur. no. 2 73-77 '60.
Ventilation of development workings in steeply dipping seams. V. D. Spitsko. Ugol' 36 no. 3 50 Mr '61.
Ventilation of stopes and development workings in the shortwall mining system. V. S. Nikitin. Ugol' 36 no. 5 59-60 My '61.

MINE VENTILATION—ELECTROMECHANICAL ANALOGIES
Abramov, F. A., V. A. Boiko, and N. A. Frolov. [Model mine ventilation networks] Modelirovanie ventiliatsionnykh setei shakht. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 219 p.

MINERAL AGGREGATES see Aggregates (Building materials)

MINERAL INDUSTRIES
(see also subdivision under Canada)
"Hired labor in Ural Mountain region mining in the 18th century" by V. IA. Krivonogov. Reviewed by M. N. Martynov. Ist. SSSR 5 no. 2:183-186 Mr-Ap '61.

MINERAL INDUSTRIES—BIBLIOGRAPHY see Bibliography—Mineral industries

MINERAL METABOLISM
Age-related changes in the mineral metabolism and nitrogen content of bone tissues in rats [with summary in English]. N. I. Elkina. Biokhimiia 26 no. 2:212-216 Mr-Ap '61.

MINERAL WATERS
(see also subdivision under Elbrus, Mount; Karlovy Vary, Czechoslovakia; Moldavia; Pyatigorsk; Tulitsa; Truskavets, Ural Mountain region; Zheleznovodsk)
Mineral waters. I. Mugdusiev. Nauka i zhizn' 27 no. 4:78-79 Ap '60.
Prescribing natural medicinal waters according to their functional influence. S. L. Voskobolnyk. Farmatsev. zhur. 15 no. 1:52-55 '60.

MINERALOGICAL CHEMISTRY
Distribution of trace elements in metasomatic contact deposits. L. N. Ovchinnikov. Trudy Gor.-geol. inst. UFAN SSSR no. 32:151-161 '59.
Formula for minerals on the bais of their structural radicals. I. K. Bogomolova. Trudy Gor.-geol. inst. UFAN SSSR no. 32,209-230 '59.
Genesis of vein-type and breccia-type mineral formations outside fissures. G. I. Pospelov, P. I. Kanshankaia, S. S. Lapin. Geol. i razv. mestorozh. no. 2 15-50 Mr-Ap '61.
Mineral equilibrium factors in metamorphism [with summary in English]. A. A. Marakushov. Geol. i geofiz. no. 4:3-12 '61.

MINERALOGICAL RESEARCH see subdivision under Uzbekistan

MINERALOGY
(see also subdivision under Gornaya Shoriya, Uzbekistan; Volga Valley)
Current ideas on the origin of some nonmetallic minerals. P. M. Tatarinov. Biul. VSEGEI no. 1 92-104 '58.

MINERALOGY—BIBLIOGRAPHY see Bibliography—Mineralogy

MINERALOGY—CONGRESSES
Concerning the conference devoted to the problem of postmagmatic ore formation (Czechoslovakia, 1963). Izv. AN SSSR, Ser. geol. 26 no. 5 126 My '61.

MINERALOGY—PERIODICALS
Akademiia nauk SSSR. Biblioteka. [Index of articles to the second series of the "Zapiski" of the All-Union Mineralogical Society, issued from 1912 to 1957] Ukazatel' statei ko vtoroi serii "Zapisok Vsesoiuznogo mineralogicheskogo obshchestva," izdannykh s 1912 po 1957 god. Sost. L. G. Gerts. Pod red. S. P. Solov'eva. Leningrad, 1960. 139 p.
Crystallography, mineralogy, and petrography in the "Zapiski" of the Leningrad Mining Institute. I. I. Shafranovskii. Zap. LGI 40:47-50 '59.

MINERALOGY—STUDY AND TEACHING see subdivision under Leningrad

MINERALOGY, DETERMINATIVE
Application of radioluminescence induced by polonium-210 α-particles to the analysis of ores and minerals. I. N. Plaksin, M. A. Belikov, I. P. Starchik. Dokl. AN SSSR 136 no. 5 1165-1167 F '61.
Possibilities of using scattered beta radiation for analyzing minerals. E. M. Filippov, G. A. Kuznetsov. Geol. i geofiz. no. 12:131-132 '60.

MINERALS
(see also subdivision under Yakutia)

meshchenila poleznykh iskopaemykh. Moskva, Vol. 3. 1960. 651 p.
First All-Union Conference on the X-Ray Analysis of Minerals. IU. H. Kukovskyi. Geol. zhur. 20 no. 1:107 '60.
Invisible minerals. I. Sidlets'kyi. Znan. ta pratsia no. 5:18-20 My '61.
The new slag minerals tseftosil and tselanit. A. V. Rudneva, T. IA. Malysheva. Dokl. AN SSSR 136 no. 1, 191-194 Ja '61.
Some data on accessory minerals of granitoids. V. V. Liakhovich, V. I. Noneshnikova, A. D. Chevinskaia. Trudy Inst. min., geokhim. i kristallokhim. red. elem. no. 3,104-126 '59.

MINERALS—ANALYSIS
Diagnostic and structural etching with hydrofluoric acid. V. N. Sergeev. Izv. Sib. otd. AN SSSR Geol. i geofiz. no. 1,103-105 '58.

MINERALS—OPTICAL PROPERTIES
Methods for measuring optical constants. I. S. Volynskii. Trudy Inst. min., geokhim. i red. elem. no. 3 195-226 '59.

MINERALS IN FOOD
Lead content of soils and foodstuffs. Trudy Biogeokhim. lab. no. 11:221-
Trace element concentration in foods as the distribution of endemic goiter. kaia. Trudy Biogeokhim. lab. no. 1

MINERALS IN SOIL
(see also subdivision under Fergana)
Ash cycle and changes in the physicochemical of leached Chernozeme under conifer forests. I. M. Rozanova. Trudy Lab. '60
Deficiency of several trace elements in lime. L. K. Ostrovskaia, G. M. IAkovleva, Gamaiunova. Trudy Biogeokhim. lab. '60.
Salt and moisture cycles in leached and chenskii. Nauch. dokl. vys. shkoly, 221-225 '61.

MINERALS IN SOIL—BIBLIOGRAPHY
Minerals in soil

MINERALS IN THE BODY
Mineral and protein metabolism in the bone tissue in rats after plutonium injury. N. I. Elkina, I. A. Tsvetkova. Med. rad. 6 no. 3,58-63 '61.
Some minor elements in cancer patients. I. S. Gul'ko. Zdrav. Belor. 6 no. 4:20-23 Ap '60.

MINERALS see subdivision under Nigeria

MINERS—DISEASES AND HYGIENE
(see also subdivision under Tashkent Province)
Eliminate sickness due to vibration in workers engaged in blast hole drilling. A. N. Fedotov. Bezop. truda v prom. 5 no. 5 8-11 My '61.
Treating traumatic lumbago of the elbow in Kuznetsk and Donets Basin miners in the light of late results, abstract. A. A. Tul'panova. Ortop. travm. i protez. 22 no. 1 82-83 Ja '61.

MINES AND MINERAL RESOURCES
(see also subdivision under Dzhezkazgan District, Kazakhstan, Ukraine, Western, Ulu Tau District)
At the conference of the Collegium of the Ministry of Geology and Preservation of Mineral Resources of the U. S. S. R. Razved. i okh. nedr 27 no. 3 57-60 Mr '61.
Basic mineral resources of capitalist countries. N. A. Bykhover. Razved. i okh. nedr 27 no. 3:51-55 Mr '61.
Basic mineral resources in capitalist countries. N. A. Bykhover. Razved. i okh. nedr 27 no. 1 58-63 Ap '61.
For the coming All-Union Joint Session on the Distribution of Mineral Resources. H. V. Zhukov. Geol. zhur. 20 no. 2 124-125 '60.
Importance of the nature of selvages or contacts in working extremely thin veins. P. A. Makhin. Izv. vys. ucheb. zav.; gor. zhur. no. 9 9-15 '59.
Successes of Soviet geologists in studying and developing the mineral resources of the U. S. S. R. in anticipation of the 21st Congress of the CPSU. P. M. Tatarinov. Zap. LGI 40 8-21 '59.
V. I. Lenin on mineral resources. Geol. zhur. 20 no. 2, 3-4 '60.

MINES AND MINERAL RESOURCES—BIBLIOGRAPHY see Bibliography—Mines and mineral resources

MINES AND MINERAL RESOURCES—PERIODICALS
Fiftieth anniversary of the "Zapiski" of the Mining Institute, historical data. B. V. Bokii. Zap. LGI 40 3-7 '59.

MINGECHAUR RESERVOIR—COAST CHANGES
Dynamics of the shores of the Mingechaur Reservoir [in Azerbaijani with summary in Russian]. M. A. Abasov. Izv. AN Azerb. SSR Ser. geol.-geog. nauk no. 5:139-149 '60.

MINIATURE ELECTRONIC EQUIPMENT
Miniature electronic equipment. R. Vartamov. IUn tekh. 5 no. 1:33-37 Ja '61.

MINIATURE PAINTING
The Petersburg enamel miniature of the 18th century. I. Suslov. Iskusstvo 24 no. 4 51-53 '61.

MINING ENGINEERING
(see also subdivision under Donets Basin, Dzhezkazgan District, Kola Peninsula, Krivoy Rog Basin, Nikolaevskiy, Ural Mountain region, Russia, Northern)
Adopting efficient underground systems of mining mica deposits. A. A. Kapustin. Gor. zhur. no. 3 69-70 Mr '60.
Baron, L. I., and A. V. Kuznetsov. [Abrasiveness of rocks in mining operations] Abrazivnost' gornykh porod pri dobyvanii. Moskva, Izd-vo Akad. nauk SSSR, 1961. 166 p.
Calculation of pillars under the conditions of the Tom'-Usa deposit. V. I. Borshch-Kompaneets. Izv. vys. uch.

MINING ENGINEERING (Continued)
New methods for roofing ore chutes. E. T. Akimov, G. D. Lisovskii. Bezop. truda v prom. 4 no. 5, 22 My '60.
Nomogram for determining the optimum diameter and number of blasting holes in cutting drifts. V. G. Simanov. Izv. vys. ucheb. zav., gor. zhur. no. 12:20-37 '60.
Placing of mine plumbs during orientation through one vertical shaft with calculation of the effect of an air current. V. M. Gudkov, B. I. Beliaev. Izv. vys. ucheb. zav. gor. zhur. no. 2 57-60 '60.
Present-day status and basic problems in perfecting the breaking and recovery of ore in mining with mass caving. P. I. Gorodetskii. Zap. LGI 40 95-126 '59.
Safe distances for excavators and refuse dumps from the bench edge. N. A. Sokolov. Bezop. truda v prom. 5 no. 5 24-25 My '61.
Transfer to the caving method of roof control. I. IA. Pavlenko, B. S. Lobshin, L. IA. Parchevskii. Ugol' 36 no. 4 17-19 Ap '61.

MINING ENGINEERING—ABSTRACTS
[Mining.] Ref. zhur.; Gor. delo no. 5 My '61.

MINING ENGINEERING—SAFETY MEASURES
Intensify control of boring and blasting operations. A. T. Feoktistov, A. G. Fridman. Bezop. truda v prom. 5 no. 5 11-12 My '61.
Unified safety regulations for open-pit mining. A. P. Zaitsev, S. L. Moiseev. Bezop. truda v prom. 4 no. 5:37-38 My '60.

MINING GEOLOGY
(see also subdivision under Kuznetsk Basin; Leninogorsk region, Altai Mountains)
Determination of the angle of internal friction and the coefficient of adhesion of rocks by means of a spherical stamp. A. P. Maksimov. Izv. vys. ucheb. zav., gor. zhur. no. 2 81-86 '60.
Equally spaced network of points in circular graphs of fracturing. R. A. Takhanov. Izv. vys. ucheb. zav., gor. zhur. no. 6 46-52 '60.
Pattern of rock shifting during the working of a single steeply dipping seam. D. N. Oglobin, N. M. Zorin, N. I. Kiriev. Izv. vys. ucheb. zav., gor. zhur. no. 2 15-48 '60.

MINING INDUSTRY AND FINANCE
Commentary on the article by Engineer E. V. Liul'ko "Regulating the computation and payment of general mine expenses in mining." M. K. Chuchina and others. Shakht. stroi. 5 no. 4, 28-30 Ap '61.
Indices in an economic analysis of the structure of the activity of an industrial enterprise. D. P. Rodin. Izv. vys. ucheb. zav.; gor. zhur. no. 12:21-28 '59.
Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Collection no. 35 of unified regional unit valuation sheets for mining operations; instructions for compiling estimates on mining operations in general and valuations of machine estimates of mining machinery and equipment in general] Sbornik no. 35 edinykh raionnykh edinichnykh rastsenok na gornoprokhodcheskie raboty; instruktsiia po sostavleniiu smet na obshcheshakhtnye raboty i rastsenki na mashino-smeny obshcheshakhtnykh mashin i oborudovaniia. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 94 p.

MINING MACHINERY
(see also subdivision under Dzhezkazgan region; Krivoy Rog Basin)
Davydov, B. L., and D. A. Skorodumov. [Dynamics of mining machinery] Dinamika gornykh mashin. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 334 p.
Dynamic loads in pulling a dragline bucket from the ground. V. F. Chernyi. Izv. vys. ucheb. zav.; gor. zhur. no. 12:105-114 '59.
Fast processing of data from an experiment for a statistical calculation of the longevity of mining machinery. V. F. Shukailo. Izv. vys. ucheb. zav.; gor. zhur. no. 12:41-44 '59.
"Mining machinery" by N. V. Tikhonov. Reviewed by S. S. Smorodin, S. N. Tarakanov, O. N. Chashnikov. Razved. i okh. nedr 27 no. 3:55-56 Mr '61.

MINING MACHINERY—PNEUMATIC DRIVING
Khomitsevich, K. I. [Pneumatic equipment in mines] Rudnichnye pnevmaticheskie ustanovki. Khar'kov, Izd-vo Khar'kovskogo gos. univ., im. A. M. Gor'kogo, 1960. 255 p.
[MICROFILM]

MINING MACHINERY—TESTING
Apparatus for determining the efficiency of reductors. B. A. Kuznetsov. Izv. vys. ucheb. zav. igor. zhur. no. 3: 105-109 '60.
Scientific bases of laboratory tests of a mining engineering nature. L. I. Baron. Trudy Inst. gor. dela 5: 108-112 '60.
Studying the abrasive properties of rocks by means of radioactive isotopes. M. I. Smorodinov. Ugol' 36 no. 4:32-34 Ap '61.

MINSK—ADULT EDUCATION
Introduction of new methods. M. Malochka, K. Vasil'eu. Nar. asv. no. 4:60-68 Ap '61.

MINSK—AUTOMOBILE INDUSTRY
Arduous road. D. Chaika. Rab. i sial. 36 no. 1:10-11 Ap '60.

MINSK—CANNING INDUSTRY
Minsk canning factory. G. Sergeenko. Sov. potreb. koop. 5 no. 5:47-48 My '61.

MINSK—GALVANIZING
With his name in the heart. N. Germatskii. Komm. Bel. 34 no. 4:44-47 Ap '60.

MINSK—LEATHER INDUSTRY—EQUIPMENT AND SUPPLIES
Introducing new techniques and equipment. K. I. Tarasevich. Kozh.-obuv. prom. 2 no. 3 30-31 Mr '60.

MINSK—MOUTH—CARE AND HYGIENE
Carrying out a planned oral hygiene program for children in Minsk. E. M. Ivus, T. V. Dvatsineeva, A. A. Nikitina. Stomatologiia 40 no. 1:88-90 Ja-F '61.

MINSK—POULTRY
Merry farming. M. Tamaryna. Rab. i sial. 36 no. 1:10 Ap '60.

MINSK—SOCIALIST COMPETITION
With his name in the heart. N. Germatskii. Komm. Bel. 34 no. 4:44-47 Ap '60.

MINSK—THEATER
"The power of darkness." A. Kotova, N. Kashinova. Teatr 22 no. 5:103-104 My '61.

MINSK—WOMEN—DISEASES AND HYGIENE
Ways of reducing gynecological morbidity among industrial workers. R. O. Livshits. Zdrav. Belor. 6 no. 4:39-41 Ap '60.

MINTS
Today's mints. N. Stratonovich. IUn. tekh. 5 no. 1: 12-15 Ja '61.

MINUSINSK BASIN—MICRO-ORGANISMS
Study of the micro-organisms of the Minusinsk Basin in connection with the genesis of ozocerite bitumens [with summary in English]. L. D. Shutkin, E. P. Rozanova. Mikrobiologiia 30 no. 1:122-129 Ja-F '61.

MIORY DISTRICT—CONJUNCTIVITIS, GRANULAR
Role of the feldsher-midwife centers in the elimination of trachoma in a rural area. I. V. Markhat. Fel'd. i akush. 26 no. 5:43-45 My '61.

MIOTICS
Influence of galvanization and electrophoresis of miotics on intraocular pressure [with summary in English]. L. E. Cherikchi, L. D. Dancheva. Oft. zhur. 15 no. 3: 165-171 '60.

MIRNYY—DIAMOND MINES AND MINING
The town of Mirnyy. Nauka i zhizn' 27 no. 4:20 Ap '60.

MIRNYY REGION, ANTARCTICA—ICEBERGS
Measuring the settlement of icebergs in the Mirnyy roadstead in February-March 1958. V. L. Lebedev. Inform. biul. Sov. antark. eksp. no. 22 46-47 '60.

MIRNYY REGION, ANTARCTICA—SNOW
The advance of snow. P. K. Senko. Inform. biul. Sov. antark. eksp. no. 24-62-63 '60.

MIRNYY STATION, ANTARCTICA—SEISMOMETRY
Study of the earth's crust in Antarctica. Gilbert Dewart. Inform. biul. Sov. antark. eksp. no. 25:11-13 '61.

MIRZOIAN, NIKOLAI ALEKSANDROVICH, 1910-
Nikolai Aleksandrovich Mirzoian; on his 50th birthday. A. A. Tashpulatov. Med. zhur. Uzb. no. 4:63 Ap '61.

MISCONDUCT IN OFFICE see subdivision under Kharkov

MISHCHENKO, ALEKSEI IVANOVICH
"Leniniana." I. Bystrov. Neva no. 4:216-217 '61.

MISSING PERSONS
Your son "is alive.... A. Putra. Uzbekistan 16 no. 12:22 D '60.

MISSIONS see subdivision under Africa

MISSOURI RIVER—DAMS
Problems of hydraulic concrete at the Sixth International Congress on Large Dams in New York, and the construction of dams on the Missouri River. V. V. Stol'nikov. Izv. VNIIG 63:41-72 '60.

MITES
(see also subdivision under Batum, Georgia; Samarkand Province)
New mites in the fauna of the U. S. S. R. V. S. Kheladze. Biul. Glav. bot. sada no. 38:84 '60.

MITOCHONDRIA
Certain characteristics of mitochondria of tissue culture cells [with summary in English]. R. N. Etingof, I. L. Gumilia, A. A. Kitchevskaia. Biokhimiia 26 no. 2: 354-360 Mr-Ap '61.
Detection of mitochondria in Endomyces magnusii using an objective with the central disk [with summary in English]. G. A. Medvedeva. Zhur. ob. biol. 22 no. 2 151-153 Mr-Ap '61.

MITRAL VALVE—DISEASES
Oxygen debit as an objective index of functional conditions of the cardiopulmonary system in patients with mitral stenosis. A. M. Damir, M. V. Piatnitskii. Terap. arkh. 33 no. 4 13-18 '61.
Some auscultative and phonocardiographic data in mitral stenosis [with summary in English]. G. G. Gel'shtein, L. M. Fitileva. Terap. arkh. 33 no. 4 55-62 Ap '59.
Studies on pulmonary circulation in patients with mitral defects of the heart. E. N. Meshalkin, I. N. Meshalkin, M. L. Shik. Terap. arkh. 33 no. 4 18-26 '61.

MITRAL VALVE—SURGERY
Indications for mitral commissurotomy [with summary in English]. V. N. Vinogradov, I. I. Sivkov. Terap. arkh. 31 no. 1 3-17 Ap '59.
Postoperative indications and sanatorium and spa therapy of patients following mitral commissurotomy. N. I. Speranskii, IA. I. Danenkov, G. A. Chernykh. Klin. med. 39 no. 5:88-95 My '61.

MITROFANOV, LEONID DMITRIEVICH, 1911-
An honored master. Ed. Arenin. Zvezda no. 4 171-172 Ap '61.

MITROPOL'SKII, NIKOLAI KONSTANTINOVICH, 1890-
Physician, teacher, and public figure. Med. sestra 20 no. 3:59 Mr '61.

MIXING MACHINERY
Considering some structural and hydrodynamic factors in designing mixers. V. I. Mel'nikov. Trudy NIIKHIMMASH no. 29 126-150 '59.
Investigating the performance of the rocking mixing unit of a vacuum filter. V. I. Mel'nikov. Trudy NIIKHIMMASH no. 29:151-168 '59.
Mechanized means of preparing a slag-alabaster mix. Transp. stroi. 11 no. 4 54 Ap '61.
Modernization of model 112 pug mills. I. L. Gubanov. Lit. proizv. no. 5:44 My '61.
New cement mixers. K. M. Korolev, I. K. Sharapov. Mekh. stroi. 18 no. 3:22-23 Mr '61.
Planetary drive for the SN-150 mixer. I. V. Sigov, T. A. Volova. Khim. mash. no. 3:37-39 My-Je '60.

MODELS AND MODELMAKING
Make it yourself in the camp. P. Gorelov. IUn. tekh. 5 no. 5 37-39 My '61.
Technological march of young pioneers. V. Kulichenko. IUn. tekh. 5 no. 5:40-41 My '61.
Two objects for modeling. V. Gusev. Shkola i proizv. 5 no. 5:05-06 My '61.

MODERN HISTORY see History, Modern

MODULAR COORDINATION (ARCHITECTURE)
Modular standardization of one-story industrial buildings. N. A. Ushakov. Prom. stroi. 38 no. 5:5-13 '60.

MOGILEV DISTRICT—STOCK AND STOCKBREEDING
Approved initiative. Komsom. zhizn' no. 5:25 Mr '60.

MOGILEV PROVINCE—COLLECTIVE FARMS
Lessons of the "Rassvet" Collective Farm. K. Orlovskii. Part. zhizn' no. 12:22-29 Je '61.

MOHAMMEDANISM
(see also subdivision under Africa)
The surviving traces of Islam and the best ways to overcome them. S. M. Gadzhiev, N. K. Kuliev. Vop. filos. 15 no. 5 159-162 '61.

MOISTURE
Rapid determination of moisture by the volumetric method. A. G. Sarkisov. Khim. v shkole 16 no. 3: 77-79 My-Je '61.

MOKHOV FAMILY
Mokhov brothers are hereditary submariners! V. Nikolaev. Sov. mor. 20 no. 4:2-3 F '60.

MOLASSES
Determining the raffinose content of molasses by means of paper chromatography. R. I. Gol'dfarb, P. L. Dantlenko. Sakh. prom. 34 no. 5:21-23 My '60.
Nomogram for investigating molasses. K. P. Zakharov. Sakh. prom. 34 no. 5:19-20 My '60.
Production of citric acid from molasses by means of Aspergillus niger molds. G. I. Zhuravskii. Trudy VKNII no. 14:97-110 '59.

MOLASSES—TRANSPORTATION
Characteristics of the transportation of molasses in tank vessels. V. Chaplin. Mor. flot 21 no. 5:9-10 My '61.

MOLDAVIA—COLLECTIVE FARMS
Organizational and economic consolidation of collective farms in the Moldavian S. S. R. from 1950 through 1953. S. S. Gutsul. Uch. zap. Kish. gos. ped. inst. 12:33-50 '59.

MOLDAVIA—COMMUNIST PARTY OF THE SOVIET UNION

The periodical "Kommunist Moldavii" and party propaganda. N. Barsukov. Polit. samoobr. 5 no. 5:121-129 My '61.

MOLDAVIA—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Let's prepare for the Party Congress in the communist way. Komm. Mold. 6 no. 5 3-7 My '61

A party organization has strengthened its ties with schools. [Litofteev, V. Krugovoi. Komm. Mold. 6 no. 5 57-58 My '61

MOLDAVIA—COOKERY (FRUIT)

Cooking of apricot jam in vacuum apparatus. N. M. Chmilenko, E. I. Pravda. Kons. i ov. prom. 16 no. 5 6-8 My '61.

MOLDAVIA—COURTS

Judicial system of the Moldavian S. S. R. D. Leoshkevych. Rad. pravo no. 2:112-115 Mr-Ap '60

MOLDAVIA—CULTURE

Art for the village. G. Lavranchuk. Komsom. zhizn' no. 17, 25-26 S '60.

MOLDAVIA—DELIVERY OF GOODS

Progressive methods of the delivery of goods. V. Burmistrov. Sov. potrieb. koop. 5 no. 5:31-31 My '61.

MOLDAVIA—ECONOMIC CONDITIONS

Let's prepare for the Party Congress in the communist way. Komm. Moldi. 6 no. 5 3-7 My '61.

MOLDAVIA—EVENING AND CONTINUATION SCHOOLS

Training and improving workers' qualifications at industrial enterprises of Moldavia from 1946 through 1955. V. K. Barbulat. Uch. zap. Kish. gos. ped. inst. 12:17-31 '59.

MOLDAVIA—FISHERIES—CONGRESSES

Respublikanskoe nauchno-proizvodstvennoe soveshchanie po voprosam rybnogo khozlaistva Moldavskoi SSR, Kishinev, 1958. [Materials of the Scientific Industrial Conference on Problems of Fishery Management in the Moldavian S. S. R.] Materialy. Kishinev, Izd-vo "Shtiintsa" Moldavskogo filiala Akad. nauk SSSR, 1960. 78 p.

MOLDAVIA—FOREIGN RELATIONS—RUSSIA

A. L. Ordin-Nashchokin's mission to Moldavia in 1642-1643. I. V. Galaktionov. Uch. zap. SGU 66:161-179 '58

From the history of Russo-Moldavian relations in the last quarter of 17th century. N. P. Kirichenko. Uch. zap. Kish. gos. ped. inst. 12:51-59 '59.

MOLDAVIA—GEOLOGY, STRUCTURAL

Special features in the development of basic structural elements in the Ukrainian and Moldavian S. S. R. at the end of the Triassic and during the lower and middle Jurassic. I. M. Iamnychenko, V. V. Permiakov, L. M. Hollak. Geol. zhur. 20 no. 2 53-57 '60.

MOLDAVIA—HIGHWAY TRANSPORT WORKERS

Highway transport workers of the Moldavian S. S. R. V. Reshet'ko. Avt. transp. 39 no. 5:5-6 My '61.

MOLDAVIA—HOSPITALS—OUTPATIENT SERVICES

Planning outpatient and polyclinic service for the rural population in the Moldavian S. S. R. [with summary in English] V. I. Kant. Sov. zdrav. 20 no. 1:14-17 '61.

MOLDAVIA—JOURNALISM

Sources of excellence. P. Darienko. Sov. pech. no. 4: 48-49 Ap '61

MOLDAVIA—LABOR AND LABORING CLASSES

Some errors in the interpretation of the history of the Moldavian laboring classes. I. Sabadyrev, V. Barbulat. Komm. Mold. 6 no. 5, 69-72 My '61.

MOLDAVIA—LAND SETTLEMENT

The settlement of eastern regions of Moldavia at the end of the 18th and beginning of the 19th century. I. B. Kolfman. Uch. zap. Kish. gos. ped. inst. 12:61-70 '59.

MOLDAVIA—MINERAL WATERS

Influence of "Burkut" mineral water on micturition. A. V. Nalegatskaia. Vop. kur., fizioter. i lech. fiz. kul't 26 no. 1 73 '61

MOLDAVIA—NEWS PHOTOGRAPHERS

News photographers must dedicate their talent to the hero of our times. P. Darienko. Sov. foto 21 no. 5:14-15 My '61.

MOLDAVIA—PHYSICAL EDUCATION AND TRAINING

Report on the work of the Council of the Union of Athletic Societies and Organizations in Moldavia. E. P. Galli. Teor. i prak. fiz. kul't. 24 no. 4:301-302 '61.

MOLDAVIA—RECONSTRUCTION

From the history of the struggle of the soviets of worker, peasant and Red Army deputies of the eastern regions of Moldavia for the reconstruction of the national economy from 1921 through 1924. G. V. Sinitsina. Uch. zap. Kish. gos. ped. inst. 12:3-15 '59.

MOLDAVIA—REVOLUTION, 1917-1921

Legendary hero of the civil war; on the 80th anniversary of G. I. Kotovskii's birth. V. Ul'ianov. Komm. Mold. 6 no. 5 55-60 My '61

MOLDAVIA—RUSSIAN PERIODICALS

The periodical "Kommunist Moldavii" and party propaganda. N. Barsukov. Polit. samoobr. 5 no. 5:121-129 My '61.

MOLDAVIA—SOVIETS

From the history of the struggle of the soviets of worker, peasant and Red Army deputies of the eastern regions of Moldavia for the reconstruction of the national economy from 1921 through 1924. G. V. Sinitsina. Uch. zap. Kish. gos. ped. inst. 12 3-15 '59.

MOLDAVIA—WORLD WAR, 1939-1945

To all participants in battles for Soviet Moldavia during the Great Patriotic War. Voen.-ist. zhur. 3 no. 6 128 Je '61.

MOLDING (FOUNDING)

Molding the nave of a gear wheel according to a segmental pattern. V. V. Brekhov, V. R. Nazarenko, R. F. Kutasov. Lit. proizv. no. 5:43-44 My '61.

MOLDS (BOTANY)

Use of nystatin in controlling meat mold [with summary in English]. L. P. Volkova. Mikrobiologiia 30 no. 1 158-164 Ja-F '61

MOLECULAR DYNAMICS

Calculation of the concentration of excited molecules in the zone of stationary electrical discharges [with summary in English]. S. S. Vasil'ev. Zhur. fiz. khim. 35 no. 4 761-771 Ap '61.

MOLECULAR SPECTRUM see Spectrum, Molecular

MOLECULAR THEORY

Calculating the structure of layers in nickel dimethylglyoximate crystals under the theory of close packing of molecules. P. M. Zorkii, M. A. Porai-Koshits. Dokl. AN SSSR 138 no. 2:355-357 My '61.

Effect of strong illumination of the absorption capacity of complex molecules. A. P. Ivanov. Opt. i spektr. 8 no. 3, 352-360 Mr '60.

Relation between the structure of a molecule and its energy of formation from free atoms. V. M. Tatevskii, Iu. G. Papulov. Zhur. fiz. khim. 34 no. 4 709-715 Ap '60.

MOLECULES

Law governing the interatomic distances of molecules of halides of various groups of the periodic table. V. M. Tatevskii, V. P. Spiridonov, P. A. Akishin. Dokl. AN SSSR 136 no. 3:621-624 My '61

Rayleigh scattering of light and the ordered orientation of molecules. M. I. Shakhparonov. Dokl. AN SSSR 136 no. 5, 1162-1164 F '61

MOLECULES—DIPOLE MOMENTS

Change in the properties of substances in the different series of chemical compounds. Part 3. Series of isoperiodic compounds. A. E. Lutskii, E. M. Obukhova. Zhur. ob. khim. 31 no. 5 1590-1596 My '61

Change in the properties of substances in the different series of chemical compounds. Part 1. Series of substituted compounds. A. E. Lutskii, E. M. Obukhova. Zhur. ob. khim. 31 no. 5 1596-1601 My '61

MOLLUSKS—EMBRYOLOGY see Embryology—Molluska

MOLLUSKS—PARASITES see Paras

MOLLUSKS, FOSSIL see subdivision

MOLLUSKS AS CARRIERS OF DISEAS under Sverdlovsk Province

MOLOCHNAYA VALLEY—MOUNDS

A burial mound near the village of Do Arkheol. pam. URSR 8:136-140 '60

Burial mounds in the Molochnaya Val Arkheol. pam. URSR 8.3-16 '60.

Burial mounds near the city of Bol'sl Smirnov. Arkheol. pam. URSR 8:16

Burial mounds near the village of No "Akkermen'" State Farm. M. I. Vlas Arkheol. pam. URSR 8:22-135 '60.

Burial mounds near the village of Ti Arkheol. pam. URSR 8:141-163 '60

Sarmatian burial grounds in the Mole Vlas'mitina. Arkheol. pam. URSR 8

MOLOTOV see Perm

MOLVOTITSKIY DISTRICT—DISTILL

Results of the "nonresistance to evil foev. Sov. deput. trud. no. 6:83-85

MOLYBDENUM see subdivision unde Kadzharan region

MOLYBDENUM—ANALYSIS

Thiomalic acid as a reagent for the photometric determination of molybdenum [with summary in English]. A. I. Busev, Chzhan Fan' (Chang Fan). Zhur. anal. khim. 16 no. 2 171-179 Mr-Ap '61.

MOLYBDENUM—BRITTLENESS

Plasticity and brittleness of cast molybdenum at temperatures of 4.2 - 700°K. Part 1. I. A. Gindin, IA. D. Starodubov, B. M. Vasiutinskii. Fiz. met. i metalloved. 11 no. 5 794-800 My '61.

MOLYBDENUM—PHYSIOLOGICAL EFFECT

Changes in the purine metabolism of man and animals under conditions prevailing in molybdenum biogeochemical provinces [with summary in English]. V. V. Kovalskii, G. A. IArovaia, D. M. Shmavonian. Zhur. ob. biol. 22 no. 3 179-191 My-Je '61

Effect of molybdenum dust on the animal organism. V. Z. Khamitova. Trudy Inst. klinev. pat. AN Kazakh. SSR. 8 3-14 '60.

MOLYBDENUM—THERMAL PROPERTIES

Enthalpy and heat capacity of molybdenum in the 1200 - 2500° K temperature range. L. S. Lazareva, P. B. Kantor, V. V. Kandyba. Fiz. met. i metalloved. 11 no. 4 628-629 Ap '61

MOLYBDENUM-CHROMIUM ALLOYS see Chromium-molybdenum alloys

MOLYBDENUM-NICKEL ALLOYS see Nickel-molybdenum alloys

MOLYBDENUM-NICKEL-IRON ALLOYS—MAGNETIC PROPERTIES

Barkhausen effect in thin molybdenum-permalloy films. N. M. Salanskii, A. M. Rodichev, M. K. Savchenko. Izv. AN SSSR Ser. fiz. 25 no. 5:602-605 My '61

MOLYBDENUM OXIDE

Removal of tungsten and certain other impurity elements from molybdenum trioxide. A. N. Zelikman, O. E. Krein, N. N. Gorovits. Zhur. prikl. khim. 34 no. 3:679-682 Mr '61.

MOLYBDENUM SILICIDE

Physicochemical properties of the alloys of the system $CrSi_2$ - $MoSi_2$. V. S. Aleksashin, V. S. Mikheev. Zhur. prikl. khim. 33 no. 10, 2216-2222 O '60

MOLYBDENUM-TITANIUM ALLOYS see Titanium-molybdenum alloys

MOMENTS OF INERTIA

Determining the reduced moment of inertia in rotating parts of the tractor transmission. M. P. Sergeev, Iu. N. Lomonosov. Trakt. i sel'khozmash. 31 no. 5:15-16 My '61.

Experimental method for determining moments of inertia and rigidity in tractors. A. A. Grinaver, V. P. Zablotskii, E. P. Rapota. Trakt. i sel'khozmash. 31 no. 6:13-16 My '61.

MONASTERIES

(see also subdivision under Castile; Georgia)

The Lisitskiy Monastery as a suburban center for book writing in Novgorod. A. I. Semenov. Trudy ODRL 17 369-373 '61

MONASTICISM AND RELIGIOUS ORDERS

Ideology of the "neatiazhatell" movement. G. N. Moiseeva. Ist. SSSR 5 no. 2, 88-101 Mr-Ap '61

MONAZITE

Age of monazites in some regions of the Soviet Union

MONGOLIA—CAMELS
Camel breeding in the Mongolian People's Republic. M. Dash. Sovr. Mong. no. 6:29-32 N-D '58.

MONGOLIA—COMMUNIST PARTY
November Plenum of the Central Committee of the Mongolian People's Revolutionary Party. Sovr. Mong. no. 6 4-6 N-D '58.

MONGOLIA—DESCRIPTION AND TRAVEL
In the footsteps of Marco Polo. Silvio Micheli. Nov vrem. 19 no. 23 25-27 Je '61

MONGOLIA—EARTHQUAKES
Earthquake in northern Mongolia, February 7, 1957. S. I. Golenetskii, K. V. Pshennikov. Izv. Sib. otd. AN SSSR Geol. i geofiz. no. 1 101-103 '60

MONGOLIA—ECONOMIC ASSISTANCE, CHINESE
Eternal friendship between the Mongolian and the Chinese peoples. D. Sharav. Sovr. Mong. no. 6 17-19 N-D '58.

MONGOLIA—ECONOMIC ASSISTANCE, RUSSIAN
By the roads of friendship. Zh. Sambu. Sovr. Mong. no. 6 7-10 N-D '58.

MONGOLIA—ECONOMIC CONDITIONS
Along the path of socialism. A. Biol. Uzbekistan 10 no. 11 9 N '59
By the roads of friendship. Zh. Sambu. Sovr. Mong. no. 6 7 10 N-D '58.
Further development of the national economy of the Mongolian People's Republic. Sovr. Mong. no. 6:11-12 N-D '58.
Glorious anniversary. Sovr. Mong. no. 6:1-3 N-D '58.
Technical assistance of the Soviet Union to the Mongolian People's Republic. Davadorzh. Sovr. Mong. no. 6 13-16 N-D '58.

MONGOLIA—FOLDS (GEOLOGY)
Pre-lower Devonian folding in eastern Mongolia. V. A. Bobrov. Sov. geol. 4 no. 4:137-139 Ap '61.

MONGOLIA—FOREIGN ECONOMIC RELATIONS
Commercial contacts with friendly countries are growing stronger. Ch. Avirmid. Sov. torg. 33 no. 4:62-63 Ap '60.

MONGOLIA—FOREIGN RELATIONS—CHINA
Eternal friendship between the Mongolian and the Chinese peoples. D. Sharav. Sovr. Mong. no. 6:17-19 N-D '58.

MONGOLIA—GEOLOGY
Stratigraphy and tectonics of the extreme northwestern part of Mongolia (the area of the Tsagan-Shibetu, Khankhira, and Saylyugem Range) [with summary in English]. K. I. Volochkovich. Biul. MOIP. Otd. geol. 36 no. 1 3-24 Ja-F '61.

MONGOLIA—HISTORY
Vasil'ev, V. I. [Forty years of the people's revolution in Mongolia] 40 let narodnoi revoliutsii v Mongolii, Moskva, Izd-vo "Znanie," 1961. 45 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 7, Mezhdunarodnaia, no. 8)

MONGOLIA—LABOR AND LABORING CLASSES
Formation and development of a laboring class in the Mongolian People's Republic. B. Tudev. Sovr. Mong. no. 6:20-28 N-D '58.

MONGOLIA—POLITICS AND GOVERNMENT
Formation and development of a laboring class in the Mongolian People's Republic. B. Tudev. Sovr. Mong. no. 6:20-28 N-D '58.

MONGOLIA—POSTAGE STAMPS
Mongolian postage stamps. Ch. Chimid. Sovr. Mong. no. 6:33-36 N-D '58.

MONGOLIA—RELATIONS (GENERAL) WITH FOREIGN COUNTRIES
Mongolian youth develops international contacts. Sovr. Mong. no. 6:10 N-D '58.

MONGOLIA—STATISTICS
Statistical collection of the Mongolian People's Republic ("Development of the national economy and culture in the Mongolian People's Republic, 1921-1958", statistical collection. Reviewed by V. Martynov.) Vop. ekon no. 5 112-113 My '61.

MONGOLIA—TECHNICAL ASSISTANCE, RUSSIAN
Technical assistance of the Soviet Union to the Mongolian People's Republic. Davadorzh. Sovr. Mong. no. 6. 13-16 N-D '58.

MONGOLIA—TRADE UNIONS
November Plenum of the Central Committee of the Mongolian People's Revolutionary Party. Sovr. Mong. no. 6:4-6 N-D '58.

MONGOLIA—YOUTH
Mongolian youth develops international contacts. Sovr. Mong. no. 6:10 N-D '58.

MONILIASIS
Clinical aspects of candidomycosis as complications following antibiotic therapy. D. P. Maiorchuk, G. P. Rudnev. Lech. infekts. bol'. no. 3 199-213 '57.

Course of experimental pulmonary candidiasis after irradiation. A. V. Ivanzerling. Med. rad. 6 no. 3:51-54 '61

Otogenic abscess of the cerebellum complicated by candidomycosis. Iu. N. Savchenko. Vest. otorin. 22 no. 1:84-85 Ja-F '60.

Treatment of candidomycosis in typhoid fever patients. A. S. Limina. Zdrav. Turk. 5 no. 2 36-38 Mr-Ap '61

MONKEYS
Distribution of cholinesterases in the brain of rhesus monkeys [with summary in English]. A. A. Pokrovskii, L. G. Ponomareva. Biokhimiia 26 no. 2 276-280 Mr-Ap '61.

MONOCHROMATORS
Effect of the width of monochromator slits on the accuracy of the photoelectric measurements of Raman line intensities. I. V. Chesler. Opt. i spektr. 8 no. 3 359-362 Mr '60

MONONUCLEOSIS
Infectious mononucleosis (Filatov's disease). A. D. Sidorova. Lech. infekts. bol' no. 3 171-198 '57

MONOPLIES see subdivision under Japan

MONSOONS see subdivision under Kamchatka

MONSTERS
Pathology of development of the human fetus. A. I. Dvornichenko. Arkh. anat. gist. i embr. 38 no. 1 91-93 Ap '60

MONUMENTS
What can we gather from bronze and marble? S. M. Orlov. Nov. vrem. 41 no. 4 25-27 F '60

MOON
Libration effect and the inclination of the lunar orbit derived from meridian observations of the moon. I. M. Demenko. Izv. Glav. astron. observ. AN URSR 3 no. 2 154-163 '61.

MOON—SURFACE
Barycentric great relief of the moon's border area. I. V. Gavrilov. Izv. Glav. astron. observ. AN URSR 3 no. 2 68-76 '61

MOOR, DMITRII STAKHIEVICH, 1883-1946
Khalaminskii, Iu. IA. D. Moor. Moskva, Sovetskii khudozhnik, 1961. 220 p.

MORACHEVSKII, IURII VITAL'EVICH, 1894-1961
IUrii Vital'evich Morachevskii, obituary. Vest. LGU 16 no. 10:159-160 '61

MORAINES see subdivision under Ob' Valley; Ossetia

MORAL EDUCATION
Basic training problems in a school orphanage. Det. dom. 16 no. 4 3-23 '60.
Communist work and communist morality. V. A. Sukhomlinskii. Sov. pedag. 25 no. 4 10-20 Ap '61
Experience in carrying out the recommended character training program. A. Zasimovskii. Nar. asv. no. 4 84-90 Ap '61.
In school, workshop, and on a collective farm. E. Nyrkova, M. Zhebenko. Nar. obr. no. 5 77-81 My '61
The way to young hearts. Sergei Mikhalkov. Ogonek 39 no. 22 8 My '61.

MORAL REARMAMENT
Ideas and dollars. L. M. Nov. vrem. 19 no. 24 20 Je '61.

MORALEV, O.
On the poem "Tent." V. Shcheglov. Sov. muz. 25 no. 5 83-85 My '61

MORDOVIA
On the 30th anniversary of Mordovian A. S. S. R. [with summary in English]. V. Bellitser, T. Smirnova. Sov. etn. no. 2 34-43 Mr-Ap '60.

MORDOVIA—COLLECTIVE FARMS
"Victory of the collective-farm system in the Mordvinian A. S. S. R." by M. V. Ageev. Reviewed by I. E. Zelenin. Ist. SSSR 5 no. 2 174-177 Mr-Ap '61

MORDOVIA—HOSPITALS, GYNECOLOGIC AND OBSTETRIC
Efforts in lowering disease incidence among mothers and children in the obstetrical hospitals of the Mordovian A. S. S. R. E. I. Stantso. Zdrav. Ros. Federa. 5 no. 5:45-46 My '61.

MORDOVIA—THUNDERSTORMS
Thunderstorms in Mordovia. G. N. Klokov. Priroda 50 no. 5:127 My '61.

MORDVINIAN A. S. S. R. see Mordovia

MORE, SIR THOMAS, 1478-1535
Avdeeva, K. D., and A. M. Belov. [On Utopia Island; a reader for the sixth grade] Na ostrove Utopiia; kniga dlia chtenila v VI kl. Leningrad, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, Leningr. otd-nie, 1961. 109 p.

MOROCCO—COMMUNIST PARTY
A review of foreign newspapers. Sots. zakon. 37 no. 1 93-91 Ap '60

MOROCCO—DESCRIPTION AND TRAVEL
A journey to Africa. Oleksandr Hordii. Ukraina no. 10: 27-29 My '61.

MOROCCO—POLITICS AND GOVERNMENT
Morocco: the land of contrasts. Albert Paul Lentin. V zashch. mira no. 5 21-27 My '61.

MORPHINE
Effect of morphine and nalorphine on the content of labile phosphorus compounds in the brain [with summary in English]. E. B. Arushanian. Biul. eksp. biol. i med. 51 no. 1 60-64 Ja '61.
Intravenous use of morphine in combination with local anesthesia. V. D. Volkova. Trudy 1-go MMI 3:148-153 '57.

MORPHOLOGY
"Problems of morphology," no. 1 (Collection of articles of the Lvov Medical Institute, vol. 18, 1959) Reviewed by Iu. V. Bukin. Arkh. anat. gist. i embr. 40 no. 2 106-108 F '61
"Transactions of the Institute of Experimental Morphology of the Academy of Sciences of the Georgian S. S. R." Vol. 7, 1959. Reviewed by Iu. V. Bukin. Arkh. anat. gist. i embr. 40 no. 3 102-103 Mr '61

MORPHOLOGY—PERIODICALS see subdivision under Poland

MORPHOLOGY (ANIMALS)—CONGRESSES
Conference of morphologists of the People's Republic of Bulgaria, Sofia, November 24-26, 1959. N. A. Dzhavakhishvili, V. G. Kushianenko. Arkh. anat. gist. i embr. 39 no. 7 116-123 Jl '60

MORSHANSK DISTRICT—POLITICS AND GOVERNMENT
Out of the road. Mikh. Arovol. Sov. deput. trud. no. 6: 61-68 Je '61.

MORTAR
Russia (1923- U. S. S. R.) Ministerstvo sel'skogo khoziaistva. Normativno-issledovatel'skaia stantsiia. [Structure cementing materials] Stroitel'nye rastvory. Moskva, 1959. 22 p. (Prakticheskoe posobie dlia sel'skogo stroitelia)

MORTIFICATION (PATHOLOGY) see Gangrene

MORTSO, LAKE—FRESH-WATER FLORA
Filling of Lake Mortso (Lenkoran Lowland) with aquatic vegetation. D. A. Aliev. Uch. zap. AGU Biol. ser. no. 1 15-21 '60

MOSAIC DISEASE
Electron microscope examination of onion mosaic viruses [with summary in English]. A. E. Protsenko, R. M. Tegenkova. Mikrobiologiia 30 no. 1 165-167 Ja-F '61.

MOSCOW—ACTING—STUDY AND TEACHING
Students take their exams. S. Borisova. Sov. muz. 25 no. 5:53-57 My '61

MOSCOW—ADVERTISING—VEGETABLE TRADE
Example of good advertising. IA. Evgen'ev. Sov. torg. 34 no. 5 56-57 My '61.

MOSCOW—AMATEUR MOTION PICTURES
Amateurs? No, they are masters! N. Vladimirov. Smena 38 no. 8 25 Ap '61.

MOSCOW—ANATOMICAL SOCIETIES
Moscow Society of Anatomists, Histologists, and Embryologists during the decade 1950-1960. G. A. Savich. Arkh. anat. gist. i embr. 40 no. 3:104-107 Mr '61

MOSCOW—APARTMENT HOUSES
Model apartment houses for a Moscow experimental residential district. M. Kostandi, E. Kapustian. Arkhit. SSSR no. 4 17-28 '61

MOSCOW—ART—EXHIBITIONS
Vystavka proizvedenii izobrazitel'nogo iskusstva sotsialisticheskikh stran, Moscow, 1958. [Exhibition of works of the fine arts of socialist countries; catalog] Katalog. [Moskva, Izd-vo "Sovetskii khudozhnik," n. d.] 324 p.

MOSCOW—AUTOMOBILE INDUSTRY
An honorary title must be earned. L. Kurkin and others. Sov. profsoiuzy 17 no. 10:17-18 My '61.
Our control should be combined with help. N. Soldatov. Part. zhizn' no. 13 41-43 Jl '61.

MOSCOW—AUTOMOBILE RACING
First winter automobile racing at the Hippodrome. A. Sabinin. Avt. transp. 39 no. 4:55-56 Ap '61.

MOSCOW—BACTERIOLOGICAL LABORATORIES
New laboratory. E. Cherkasskii. Nauka i zhizn' 27 no. 4: 78 Ap '60.

MOSCOW—BANDS (MUSIC)

Tour of the Michigan band. Evgenii Makarov. Sov. muz. 25 no. 5:148-149 My '61

MOSCOW—BOOKSELLERS AND BOOKSELLING

Attention to political literature. Bela Ovechkina. Sov. knizh. torg. 13 no. 4:11 Ap '61.

A club of booklovers. I. Georgiev. Komsom. zhizn' no. 13/14 61 Ap '60.

"Culture of the young Muscovite." Liudmila Korotchenko. Sov. knizh. torg. 13 no. 4:11 Ap '61.

District soviet of friends of the book. Vladimir Obukhov. Sov. knizh. torg. 13 no. 4:11-12 Ap '61.

MOSCOW—BOTANICAL RESEARCH

"Phytotron," climatic chamber for plants. Ilin. tekh. 5 no. 2:37-41 F '61.

MOSCOW—BOTANICAL SOCIETIES

In the Moscow Department of the All-Union Botanical Society. Biul. Glav. bot. sada no. 39:102 '60.

Moscow Branch of the All-Union Botanical Society. S. E. Korovin, I. N. Andrieev. Biul. Glav. bot. sada no. 38:112-113 '60.

MOSCOW—BUILDING MACHINERY INDUSTRY—HYGIENIC ASPECTS

Machines change their appearance. I. Buzylev. Okhr. truda i sots. strakh. 4 no. 5:20-22 My '61.

MOSCOW—BUTTER TRADE

This is how innovations are born.... P. Minskii, S. Severov. Sov. torg. 33 no. 4:35-38 Ap '60.

MOSCOW—CHILDREN'S PLAYS

"Petia in outer space." N. Gromov. Teatr. 22 no. 5:97-98 My '61.

MOSCOW—CHORAL SOCIETIES

A chorus from Magnitogorsk performs. G. A. Sov. muz. 25 no. 5:131 My '61.

Students from Leningrad sing. Sov. muz. 25 no. 5:152-153 My '61.

MOSCOW—CHORAL SOCIETIES, ESTONIAN

A chorus from Tartu. Sov. muz. 25 no. 5:153-154 My '61.

MOSCOW—CITY PLANNING

Honorable task of Moscow's city planners. N. F. Evstratov. Gor. khoz. Mosk. 35 no. 3:4-6 Mr '61.

A man and his home. I. Arakhchev. Moskva 4 no. 3:170-177 '60.

New construction developments in the capital. Moskva 5 no. 4:202-204 '61.

Prospects for rebuilding the oldest part of the center of Moscow. D. N. Chechulin. Gor. khoz. Mosk. 35 no. 4:1-9 Ap '61.

Redevelopment of the center of Moscow. S. M. Matveev. Gor. khoz. Mosk. 35 no. 3:28-31 Mr '61.

Regulating the growth and settlement distribution of the population of Moscow. G. E. Mishchenko. Gor. khoz. Mosk. 35 no. 3:7-9 Mr '61.

Some problems in the rebuilding of Moscow. A. E. Stramentov. Gor. khoz. Mosk. 35 no. 4:10-12 Ap '61.

MOSCOW—CIVIC IMPROVEMENT

In 1918. I. V. Zholtovskyi. Znan. ta pratsia no. 4:12 Ap '61.

MOSCOW—CLOCKMAKING AND WATCHMAKING

Brigades of communist labor at the Second Moscow Watchmaking Plant. T. G. Margolina, M. B. Epshtein. Priborostroenie no. 5:28-30 My '61.

Fight for a lofty title. L. S. Korjagin, L. B. Reshko. Priborostroenie no. 5:27-28 My '61.

MOSCOW—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Our control should be combined with help. N. Soldatov. Part. zhizn' no. 13:41-43 Jl '61.

MOSCOW—COMMUNIST YOUTH LEAGUE

Methodological council of propagandists. V. Egorov. Komsom. zhizn' no. 15/16:51-52 Ag '60.

With closed ranks. A. Traskunova. Komsom. zhizn' no. 10:10-12 My '61.

MOSCOW—CONCERTS

Our guests. Leonid Roizman. Sov. muz. 25 no. 6:157-158 Je '61.

MOSCOW—CONSTRUCTION INDUSTRY

In celebration of the 22nd Congress of the CPSU. Gor. khoz. Mosk. 35 no. 4:19-21 Ap '61.

MOSCOW—CONSTRUCTION INDUSTRY—ACCOUNTING

Organization of accounting for the work of building machinery and expenditures for their operation. Bukhg. uchet 18 no. 5:57-67 My '61.

MOSCOW—CONSTRUCTION INDUSTRY—TECHNOLOGICAL INNOVATIONS

Streamlining and inventions in repair and construction organizations. A. I. Ivanov. Gor. khoz. Mosk. 35 no. 4:34-37 Ap '61.

MOSCOW—COOKING SCHOOLS

Here one will receive training for life. I. Rubashkin. Obshchestv. pit. no. 5:24-26 My '61.

MOSCOW—COOPERATIVE SOCIETIES

Constituent congress of the cooperative workers of Moscow. Sov. potrebkoop. 5 no. 5:40 My '61.

MOSCOW—COSTS, INDUSTRIAL

More on industrial production cost indices. K. Kniaz'ev, R. Novikov. Fin. SSSR 22 no. 5:50-53 My '61.

MOSCOW—ECONOMIC RESEARCH

Economic theory in the service of agriculture and industry. Vest. Mosk. un. Ser. 6. Ekon., filos. 15 no. 1:91-94 '60.

MOSCOW—EDUCATION, COOPERATIVE

At a factory students acquire vocational qualifications. I. P. Khalfutin. Sred. spets. obr. 6 no. 5:22-23 My '61.

Organizing production training. M. Polikakova, I. Figanov, M. Igorev. Nar. obr. no. 5:47-50 My '61.

We cooperate with the Communist Youth Leagues of an industrial plant. S. Khoze. Mol. kommunist no. 5:60-66 My '61.

MOSCOW—EDUCATION, PRESCHOOL

Good initiative. V. M. Izgarsheva. Doshk. vosp. 34 no. 5:24 My '61.

MOSCOW—ELECTRIC LAMPS

Economically in a businesslike way. Sov. profsoiuzy 17 no. 10:21-22 My '61.

MOSCOW—ELECTRIC MACHINERY

Research will be successful. P. Bakhtin. Znan. sila 36 no. 5:17 My '61.

MOSCOW—ELECTRIC POWER DISTRIBUTION

Concerning the loads on the electric network caused by housing construction work in Moscow. B. M. Baranov and others. Elek. sta. 32 no. 5:57-62 My '61.

First results. I. Glikson. Zhil.-kom. khoz. 11 no. 2:14 F '61.

MOSCOW—ELECTRIC POWER PLANTS

Address reads collective farm! B. Borin. Znan. sila 36 no. 5:14-16 My '61.

MOSCOW—ELECTRIC SHAVERS

Precision formula. L. Kaganov. Mosk. prom. i khud. promys. 2 no. 5:3-6 My '61.

MOSCOW—ENGINEERING LABORATORIES

Activity of the research laboratory for economics and organization of production at the Moscow City Economic Council. V. V. Vasil'ev. Biul. tekh.-ekon. inform. no. 4:80-81 '61.

MOSCOW—ENSEMBLES (MUSIC)

The Orenburg Chorus. A. Koposov. Sov. muz. 25 no. 5:148-150 My '61.

MOSCOW—ENSEMBLES (MUSIC), TATAR

"Today is a holiday." N. Sinel'nikshin. Sov. muz. 25 no. 5:151-152 My '61.

MOSCOW—ENSEMBLES (MUSIC), WHITE RUSSIAN

The White Russian Orchestra. G. Tikhomirov. Sov. muz. 25 no. 5:150 My '61.

MOSCOW—EXHIBITIONS

Awards for the best standard instruments at the Exhibition of Achievements of the National Economy of the U. S. S. R. Izm. tekh. no. 5:1-2 My '60.

British business in Sokolniki. V. Krasnopol'skii. Nov. vrem. 19 no. 24:20-23 Je '61.

Every second exhibit is a novelty. Iu. Gur'ev. Ogonek 39 no. 22:28 My '61.

Exhibition "Measuring Engineering in France." Izm. tekh. no. 5:60-61 My '60.

Exhibition of innovations in the printing industry. I. A. Kut. NTO 2 no. 5:39-40 My '60.

Honorary award. Neftianik 6 no. 5:23 My '61.

In the Pavilion of the Chemical Industry at the Exhibition of Achievements of the National Economy of the U. S. S. R. M. K. Nadtocheeva. Mekh. i avtom. proizv. 15 no. 5:52-57 My '61.

New developments in the "Soviet Book" Pavilion. N. Chernykh. Sov. knizh. torg. 13 no. 5:32 My '61.

New equipment in the communal economy. Zhil.-kom. khoz. 11 no. 3:18-19 F '61.

New exhibitions. Izm. tekh. no. 5:64 My '61.

Our achievements, Uzbekistan 19 no. 1:4-5 Ja '60.

Standartization at the Exhibition of Achievements of the National Economy of the U. S. S. R. L. G. Karabanova. Standartizatsiia 25 no. 5:57-58 My '61.

Twenty medals awarded by the Exhibition of Achievements of the National Economy of the U. S. S. R. Neftianik 6 no. 5:23 My '61.

MOSCOW—FINANCE

In support of economy and thrift in spending budgetary funds. A. I. Makarov. Gor. khoz. Mosk. 35 no. 3:45-47 Mr '61.

MOSCOW—FIRE EXTINCTION

Heroic deed of a group of five. V. Semenov. Pozh. delo 7 no. 3:31 Mr '61.

MOSCOW—FRUIT TRADE

Store of communist labor. Mikhail Shcheiokov. Sov. torg. 33 no. 4:26-29 Ap '60.

MOSCOW—GLASS FURNACES

Feeder with two ports. D. P. Kropotov. Steklo i ker. 18 no. 5:37-38 My '61.

MOSCOW—GRAIN—TRANSPORTATION

Mechanized transhipment of grain and unloading salt from ships at the Moscow South Docks. B. Virogradov, K. Lavkovskii. Rech. transp. 19 no. 3:16-18 Mr '60.

MOSCOW—GRAPHIC ARTS, PUERTO RICAN—EXHIBITIONS

Graphic arts of Puerto Rico. I. Golomshtok. Iskusstvo 24 no. 5:46-48 '61.

MOSCOW—HOSPITALS

Staro-Ekaterininskaya Hospital, later the Moscow Province Research Clinical Institute. V. P. Drabov. Sov. zdrav. 20 no. 1:60-66 '61.

MOSCOW—HOSPITALS—OUTPATIENT SERVICES

Daily dispensary. N. G. Orlov. Zdrav. Ros. Feder. 5 no. 5:3-5 My '61.

Organization of a dispensary at home. D. IA. Herman. Zdrav. Ros. Feder. 5 no. 5,5-7 My '61.

MOSCOW—HOUSE FURNISHINGS INDUSTRY

For you, Muscovites! L. Darova. Moskva 4 no. 3:207-210 '60.

MOSCOW—INDUSTRIAL HYGIENE

Excellent working conditions. B. Dobromyslov. Mest. prom. i khud. promys. 2 no. 5:15 My '61.

MOSCOW—INDUSTRIAL MANAGEMENT

Activity of the research laboratory for economics and organization of production at the Moscow City Economic Council. V. V. Vasil'ev. Biul. tekh.-ekon. inform. no. 4:80-81 '61.

Improve economic indices of enterprise operations. G. Sotnikov. Plan. khoz. 38 no. 6:53-59 Je '61.

MOSCOW—INDUSTRIAL MANAGEMENT—CONGRESSES

From the conference tribune. Plan. khoz. 38 no. 6:60-63 Je '61.

MOSCOW—INSURANCE, SOCIAL

Toward the 22d Congress of the CPSU. Sots. obesp. 22 no. 5:1 My '61.

MOSCOW—INSURANCE, SOCIAL—EMPLOYEES

"Do you know how to speak politely?" Sots. obesp. 22 no. 5:23 My '61.

MOSCOW—INTELLECTUAL LIFE

Ivanov, S. V. [Moscow in the life and works of I. E. Repin] Moskva v zhizni i tvorchestve I. E. Repina. [Moskva] Mosk. rabochii, 1960. 141 p.

MOSCOW—INTERCHANGEABLE MECHANISMS

Use of multipurpose attachments with interchangeable parts in plants of the capital. Iu. Mizhurov. Mashinostroitel' no. 5:37-39 My '60.

MOSCOW—JOURNALISTS

Accredited journalists in Moscow. G. Sagan. Sov. pech. no. 5:51-54 My '61.

MOSCOW—KREMLIN

Have you read these? ("The ancient cathedrals of the Kremlin" by A. Goncharova and others, "The walls and towers of the Kremlin" by A. Goncharova, A. Khamtsov). Moskva 5 no. 4:190-192 '61.

MOSCOW—KREMLIN—ARCHITECTURE

Goncharova, A. A., and A. I. Khamtsov. [Walls and towers of the Kremlin] Steny i bashni Kremlia. Izd. 2., dop. [Moskva] Mosk. rabochii, 1960. 67 p.

MOSCOW—LABOR AND LABORING CLASSES—MEDICAL CARE

Work of a night sanatorium. E. N. Firsaeva. Zdrav. Ros. Feder. 5 no. 5:7-9 My '61.

MOSCOW—LANDSCAPE ARCHITECTURE

Let's increase the role of the public in landscaping Moscow. L. D. Kostin. Gor. khoz. Mosk. 35 no. 4:22-23 Ap '61.

MOSCOW—LANDSCAPE GARDENING

Greenbelt; from a book on forests (conclusion). I. Zykov. Novyi mir 37 no. 5:180-197 My '61.

Portrait made of perennial cover plants. M. I. Gorelov. Gor. khoz. Mosk. 35 no. 4:15 Ap '61.

MOSCOW—LEGAL RESEARCH

Legal research in the Law Faculty of Moscow University in 1960. Vest. Mosk. un. Ser. 10 Pravo 15 no. 1:73-74 '60.

MOSCOW—LIBRARIES
All-Union technical patent library. Arkhit. SSSR no. 4 57 '61

MOSCOW—LOCAL GOVERNMENT
The power of the soviets lies in their connections with the masses. Gor. khoz. Mosk. 35 no. 3 1-3 Mr '61.

MOSCOW—MACHINERY—DESIGN
. . . . and beautiful. L. Saksonov. Moskva 4 no. 3:217 '60.
A machine tool designed by mechanic Konovalenko. A. Davydov. Moskva 4 no. 3:221 '60.

MOSCOW—MACHINERY INDUSTRY
Organizing the production of nonstandard equipment and of the means of mechanization. E. S. Lampol'skii. Biul. tekh.-ekon. inform. no. 4:79-80 '61.

MOSCOW—MANUSCRIPTS
Collections cataloged in 1958. K. Maikova. Zap. Otd. ruk. no. 21 214 '59
Miniatures, ornaments, and engravings in manuscripts of the library of the Troitse-Sergiev Monastery. T. B. Ukhova. Zap. Otd. ruk. no. 22:5-13 '60.
New accessions, manuscripts acquired in 1958. Zap. Otd. ruk. no. 21 102-172 '59
Work of the scientific council of the Division of Manuscripts, and methodological work. IU. Gerasimova. Zap. Otd. ruk. no. 21 245-252 '59

MOSCOW—MATHEMATICAL SOCIETIES
Sessions of the Moscow Mathematical Society. Usp. mat. nauk 16 no. 2:157-162 Mr-Ap '61

MOSCOW—MEDICAL SOCIETIES
Moscow Society of the History of Medicine in 1960. G. Z. Riabov. Sov. zdrav. 20 no. 4 93-95 '61

MOSCOW—METAL-CUTTING TOOLS—QUALITY CONTROL
Statistical measurement of production quality. V. Sis'kov. Vest. stat. no. 5:15-25 '61.

MOSCOW—MILITARY EDUCATION
A beginning has been made. G. Tushev. Voen. vest. 10 no. 10:84-86 O '60

MOSCOW—MOTION-PICTURE FESTIVALS
On the eve of the festival. Tek. kino i telev. 5 no. 5:2 My '61.

MOSCOW—MOTION-PICTURE INDUSTRY
Preparing to welcome the 22d Congress of the CPSU with suitable achievements. Tekh. kino i telev. 5 no. 5:2 My '61.

MOSCOW—MOTOR VEHICLES—MAINTENANCE AND REPAIR
Projects developed individually and in groups by engineers and technical workers of the design bureau. V. Ostashkevich. Avt. transp. 39 no. 4:7 Ap '61.

MOSCOW—MOTOR VEHICLES—PAINTING
Mechanization of painting operations at the Likhachev Automobile Plant. L. S. Bobkov. Mashinostroitel' no. 5:18-19 My '61.

MOSCOW—MUNICIPAL ENGINEERING
Precast elements of engineering structures. M. G. Bass. Gor. khoz. Mosk. 35 no. 1:29-32 Ap '61.

MOSCOW—MUNICIPAL SERVICES
In the executive committee of the Moscow Council. Gor. khoz. Mosk. 35 no. 4:3 of cover Ap '61.
Municipal engineering facilities. A. G. IAnovskii and others. Gor. khoz. Mosk. 35 no. 3:31-41 Mr '61.

MOSCOW—MUNICIPAL SERVICES—PERIODICALS
Conference of readers of the magazine, "Metropolitan Economy of Moscow." Gor. khoz. Mosk. 35 no. 3:47-48 Mr '61.

MOSCOW—MUSIC
May the First. Sov. muz. 25 no. 5:9-11 My '61.

MOSCOW—MUSIC—ANALYSIS, APPRECIATION
Music and communist upbringing. Sov. muz. 25 no. 6: 11-20 Je '61.

MOSCOW—MUSIC—COMPETITIONS
At the All-Russian competition. N. Orlinskaia. Moskva 5 no. 4:155 '61.

MOSCOW—MUSIC—JUVENILE LITERATURE
Music for children. Zara Levina, G. Pollanovskii, S. Ziv. Sov. muz. 25 no. 5:125-129 My '61.

MOSCOW—MUSIC, POPULAR (SONGS, ETC.)
At concerts of song and light music. E. Postnikov. Sov. muz. 25 no. 5:143-145 My '61.

MOSCOW—MUSICAL REVUES, COMEDIES, ETC.
Students take their exams. S. Borisova. Sov. muz. 25 no. 5:53-57 My '61.

MOSCOW—NEWSPAPER AND PERIODICAL CIRCULATION
Consolidate subscription centers at apartment-managers' offices. V. Emmanuilov. Raspr. pech. no. 4-6-7 Ap '61.

MOSCOW—NOTARIES
Voluntary work of pensioners. V. Kranikfel'd. Sov. iust. no. 10 6 My '61.

MOSCOW—OLEOMARGARINE
Machine for continuous deodorization of fats. P. K. Gerasimov. Masl.-zhir. prom. 27 no. 5:44 My '61.

MOSCOW—OPERA
The glory of these days will not fade away. Mykola Hordiichuk. Mystetstvo 8 no. 2 27-29 Mr-Ap '61
Mastery begins here. A. Rusakovskii. Sov. muz. 25 no. 5 47-53 My '61

MOSCOW—OPERETTA
A merry tale about "Romeo." N. Shumskaia. Sov. muz. 25 no. 5:111-114 My '61.

MOSCOW—ORATORIO
The oratorio "Ivan the Terrible." Sov. muz. 25 no. 5, 129-130 My '61

MOSCOW—ORTHODOX EASTERN CHURCH
Congratulating His Holiness Patriarch Alekseii at Easter. Zhur. Mosk. Patr. no. 5 31 My '61
Easter night service at the Patriarchal Cathedral of the Epiphany. Zhur. Mosk. Patr. no. 5 12 My '61

MOSCOW—PENSIONERS—SOCIETIES, ETC.
Veterans of labor are on the stage. A. Zhuravlev. Sots. obesp. 22 no. 5:14-45 My '61

MOSCOW—PHYSICAL EDUCATION AND TRAINING
Results of the work of "Iunost'," the voluntary athletic society of Moscow students. V. G. Pomfilov. Teor. i prak. fiz. kul't. 24 no. 1:250-252 '61.

MOSCOW—POLITICS AND GOVERNMENT
[Bulletin of the Moscow Executive Committee.] Biul. Ispol. kom. Mosk. gor. sov. no. 10 My '61.

MOSCOW—PRINTING
Printing our periodical. P. Zhivilin. Izobr. i rats. no. 5: 48-49 My '61.

MOSCOW—PRINTING INDUSTRY
Moscow Municipal National Economic Council printing industry in 1961. V. I. Medvedev. Poligr. proiz-v no. 1:3-4 Ap '61

MOSCOW—PROSTHESIS
The technological council helps efficiency promoters. M. Belousova. Sots. obesp. 22 no. 5:46-48 My '61

MOSCOW—RESTAURANTS, LUNCHROOMS, ETC.
Indifferent. V. Komarov. Obshchestv. pit. no. 5:28-29 My '61.
New eating establishments are opening. . . . D. Arkad'ev. Obshchestv. pit. no. 5:3-4 My '61.

MOSCOW—REVOLUTION, 1917-1921
Eternally alive is the deputy of the Moscow Soviet ("Unforgettable" by G. Kostomarov. Reviewed by I. Lunin). Moskva 5 no. 4:179-180 '61.
"How the Moscow Red Guards struggled for Soviet rule in 1917" by T. A. Logunova. Reviewed by A. N. Ponomarev. Ist. SSSR 5 no. 2 191-192 Mr-Ap '61

MOSCOW—REVOLUTION, 1917-1921—PERSONAL NARRATIVES
Have you read these ("Forty-nine days," a collection; "In the battle of the great" by K. Bukov). Moskva 5 no. 1: 182-184 '61.

MOSCOW—RUBBER INDUSTRY—HYGIENIC ASPECTS
Role of industrial factors in disease incidence with temporary disability among industrial workers. B. IA. Teplinkov. Zdrav. Ros. Feder. 5 no. 5, 26-27 My '61.

MOSCOW—SAFETY EDUCATION
Away with accidents in everyday life. I. Lavrova, E. Podurtseva. Okhr. truda i sots. strakh. 4 no. 5: 39-40 My '61.

MOSCOW—SALT—TRANSPORTATION
Mechanized transshipment of grain and unloading salt from ships at the Moscow South Docks. F. Vinogradov, K. Lavkovskii. Rech. transp. 19 no. 3:46-48 Mr '60

MOSCOW—SHOE INDUSTRY
The factory sent them. G. Preisman. Sov. torg. 34 no. 5-31-33 My '61

MOSCOW—SINGERS
Remarks on singers. IU. Korev, A. Shilov, Natalila Rozhdestvenskaia. Sov. muz. 25 no. 5:139-143 My '61.

MOSCOW—SINGING—INSTRUCTION AND STUDY
Competition of singers of pupils? S. Lemeshev. Sov. muz. 25 no. 5:117-121 My '61.

MOSCOW—SOCIALIST COMPETITION
In celebration of the 22nd Congress of the CPSU. Gor. khoz. Mosk. 35 no. 3:2 of cover Mr '61.

MOSCOW—SONATAS
A new ensemble for playing sonatas. D. B. Sov. muz. 25 no. 5 115-116 My '61

MOSCOW—STEELWORKS—TECHNOLOGICAL INNOVATIONS
Excused or not excused from other work? The main thing is to be full of initiative. I. Pospekhov. Izobr. i rats. no. 5:32-33 My '61

MOSCOW—STREETS
The streets of the capital relate. . . V. Vol'pin. Moskva 5 no. 1 210-217 '61.

MOSCOW—STRING QUARTET
A young quartet. T. Gaidamovich. Sov. muz. 25 no. 5: 146-147 My '61

MOSCOW—STUDENT ACTIVITIES
Training of diligent and cultured engineers. N. L. Spektor. Sred. spets. obr. 8 no. 5 42-44 My '61

MOSCOW—STUDENTS, FOREIGN
First school year of the University of Friendship of Peoples. S. V. Rumiantsev. Vest. vys. shkol. 19 no. 5:108-110 My '61
Side by side with our friends. S. I. Sokhin. Vest. vys. shkoly 19 no. 5:110-112 My '61

MOSCOW—STUDENTS, UZBEK
Mashkhura. A. Tlumeneva. Uzbekiston 19 no. 3:21 Mr '60.

MOSCOW—SUBWAYS
Night in the subway. Z. Khiren. Moskva 5 no. 4:205-209 '61.
Waterproofing the precast reinforced concrete work of a running tunnel. N. F. Karasev. Transp. stroi. 11 no. 1 23-25 Ap '61

MOSCOW—SUGAR WORKERS
She is one of the best. Sakh. prom. 34 no. 5:1-5 My '60
Our leading workers. Sakh. prom. 34 no. 5:4 My '60.

MOSCOW—SUPERMARKETS
New self-service "Gastronom." A. Kozlov. Sov. torg. 34 no. 5-24-28 My '61.

MOSCOW—SYMPHONY ORCHESTRAS
An amateur symphony orchestra. G. Aleksandrov. Sov. muz. 25 no. 5:154 My '61.
Orchestra of the North German Radio; from the Federal Republic of Germany. Lev Ginzburg. Sov. muz. 25 no. 6:161-162 Je '61.
Subscription series of concerts presented by a student orchestra. G. Shantyr'. Sov. muz. 25 no. 5:132-134 My '61

MOSCOW—TEACHERS, TRAINING OF
Training of scientific and academic personnel in pedagogical institutes. A. N. Stepanov. Sov. pedag. 25 no. 5 70-79 My '61

MOSCOW—TECHNICAL EDUCATION
Training of diligent and cultured engineers. N. L. Spektor. Sred. spets. obr. 8 no. 5 42-44 My '61.

MOSCOW—TELEPHONE LINES—CONSTRUCTION
Underground structures of the Moscow municipal telephone system. E. P. Dubrovskii. Gor. khoz. Mosk. 35 no. 4 32-34 Ap '61.

MOSCOW—TELEVISION STATIONS
World's highest; project of the new Moscow television station. Sov. radio i tel. 8 no. 4:34 '59.

MOSCOW—THEATER
"Bearings," B. Rostotskii. Teatr 22 no. 5:93-95 My '61.
"Blind happiness," A. Asarkan. Teatr 22 no. 5:95-97 My '61.
For the faraway friends. N. Tolchenova. Ogonek 39 no. 21:24 My '61.
The living art of the actor. V. Zalesskii, I. Kuznetsova. Teatr 22 no. 5:60-69 My '61.
"Lofty summer sky," E. Uvarova. Teatr 22 no. 5:104-105 My '61.
Welcome to the festival! O. Kalinenko. Ogonek 39 no. 22: 24 My '61.

MOSCOW—THEATERS—STAGE SETTING AND SCENERY
The artist in the theater of Prokof'ev. M. Pozharskaia. Sov. muz. 25 no. 6:130-135 Je '61.

MOSCOW—TOWER CLOCKS
The first clock in Moscow. Moskva 5 no. 4:167 '61.

MOSCOW—TOWERS
Main tower. K. Zhukov. Znan. sila 36 no. 2:26-27 F '61.

MOSCOW—TRANSPORTATION
First results. I. Glikson. Zhil.-kom. khoz. 11 no. 2:14 F '61.
Transportation and main arteries in Moscow. V. A. Cherepanov. Gor. khoz. Mosk. 35 no. 3:10-13 Mr '61.

MOTION-PICTURE PLAYS (Continued)
Motion-picture schedule. Isk. kino no. 6 150-152 Je '61.
On the screen. Aleksandr Ivanov. Novyi mir 36 no. 5 279-281 My '60.
See these films! Sots. kul't. 14 no. 5 43 My '61.
A soldier's science is life. A. Zorkii. Isk. kino no. 6 117-120 Je '61.
Story of a swan. Gerdi Nelgruz. Ist. kino no. 6 115-117 Je '61.
The tragedy of Olia Ryzhkova. Ihor Solunskyi. Voiov. ateist no. 5 53-55 My '61.
Using old motion pictures. Komsom. zhizn' no. 3 25 F '60.
Victory of Sergeant Major Dobratov. I. Stadniuk. Ogonek 30 no. 21 24 My '61.

MOTION-PICTURE PROJECTION
Automatic control in motion-picture projection. F. M. Goldovskii. Tekh. kino i telev. 5 no. 5 13-22 My '61.
Device for use in the viewing of endless film strips. Iu. M. Shastitko. Izv. vuzov, shtole 20 no. 2 94 Mr-Ap '60.
Using only one narrow-film camera and projector for making panoramic motion pictures. Iun tekh. 5 no. 1 8 Ja '61.

MOTION-PICTURE PROJECTION—BIBLIOGRAPHY see Bibliography—Motion-picture projection

MOTION-PICTURE PROJECTORS
Remote control of the motion-picture projector for narrow films. M. Rubtsov. Tekh. kino i telev. 5 no. 5 62-63 My '61.

MOTION-PICTURE PROJECTORS—STANDARDS
New state standards for motion-picture equipment. Tekh. kino i telev. 5 no. 5 93-95 My '61.

MOTION-PICTURE STUDIOS see subdivision under Leningrad

MOTION-PICTURE STUDIOS—EQUIPMENT AND SUPPLIES
Modification of the design of the OP3-4-1 four-bulb lighting unit. Tekh. kino i telev. 5 no. 5 64 My '61.

MOTION-PICTURE THEATERS—FIRE AND FIRE PREVENTION
Evacuation of the public from motion-picture theaters. M. Boitman, B. Baranovskii. Pozh. delo 7 no. 3 10 Mr '61

MOTION PICTURES
(see also subdivision under France; Ukraine)
Goldovskii, E. M. [From silent to panoramic motion pictures] Ot nemogo kino k panoramnomu. Moskva, Izd-vo Akad. nauk SSSR, 1961. 147 p. (Nauchno-populiarnaia seriia: Kino-tekhnika nashikh dnei)
On a big trip. Isk. kino no. 6 1-3 Je '61.
Ready to meet new problems. O. Levada. Komm. Ukr. 36 no. 6 61-67 Je '61.

MOTION PICTURES—CONGRESSES
Third conference of representatives of socialist countries in motion-picture engineering. Tekh. kino i telev. 5 no. 5 61 My '61.

MOTION PICTURES—DUBBING
Invisible actors. Moskva 5 no. 1 176-177 '61.

MOTION PICTURES—EQUIPMENT AND SUPPLIES
Standardization of sound recording and reproducing apparatus. V. I. Glazunova. Tekh. kino i telev. 5 no. 5 28-36 My '61.

MOTION PICTURES—LIGHTING
Modification of the design of the OP3-4-1 four-bulb lighting unit. Tekh. kino i telev. 5 no. 5 64 My '61.
Portable flood light with mirror bulbs and mechanism for the changing of the light angle. L. Persidskii. Tekh. kino i telev. 5 no. 5 61 My '61.

MOTION PICTURES, DOCUMENTARY
"Akhanrabo, the magic stone." V. Tomberg. Nauka i zhizn' 28 no. 4 42-43 Ap '61.
The background or a character? M. Tairverdiev, IA. Kharon. Isk. kino no. 6 138-143 Je '61.
Cuba on the screen. S. S. Smirnov. Isk. kino no. 6 102-105 Je '61.
Interesting motion picture. G. Terekhov. Sov. potreb. koop. 5 no. 5 64 My '61.
Meetings with contemporaries. M. Arlazorov. Isk. kino no. 6 8 Je '61.
On the way to the beautiful. K. Akhtyrskii. Smena 36 no. 7 19-20 Ap '61.

MOTION PICTURES, MUSICAL see subdivision under United States

MOTION PICTURES AND TELEVISION
Cooperation between motion-picture and television studios. P. M. Veselkov. Tekh. kino i telev. 5 no. 5 65 My '61.

MOTION PICTURES IN AGRICULTURE
More agricultural motion pictures for the masses. L. Rondeli. Part. zhizn' no. 13 55-56 Jl '61

MOTION PICTURES IN EDUCATION
(see also subdivision under Leningrad)
Let's equip the motion-picture classes. A. Postnikov. Nar. obr. no. 5 69-70 My '61

MOTION PICTURES IN HEALTH EDUCATION
Motion pictures and health education. L. A. Zlotnikov. Sov. zdrav. 20 no. 2 46-50 '61

MOTION PICTURES IN PHYSICAL EDUCATION
Constituent plenum of the Federation of Sports Motion Pictures and Television of the U.S.S.R. A. I. Zlodeieva. Teor. i prak. fiz. kul't. 24 no. 1 302-304 '61

MOTION PICTURES IN SCIENCE—CONGRESSES
Twelfth International Scientific Film Congress. I. P. Pashov. Vest. AMN SSSR 14 no. 1 68-71 '59.

MOTOR FUELS
Effect of antioxidants on the oxidation kinetics of the lighting-kerosine fraction of synthol. I. V. Rozhkov, I. N. Kormilova. Khim. i tekh. topl. i masel 6 no. 5 54-57 My '61
Gas or gasoline? Izobr. i rats. no. 5 12 My '61

MOTOR FUELS—ANTIKNOCK AND ANTIKNOCK MIXTURES
Effect of lead and manganese naphthenate additions on the explosive properties of certain hydrocarbons. B. G. Gavrilov, V. A. Zaverkin. Zhur. prikl. khim. 34 no. 4 889-892 Ap '61.

MOTOR VEHICLES
From the history of motor vehicles. P. I. Gagarin. Trudy Inst. ist. est. i tekh. 36 173-191 '61
New technological developments in foreign countries. Avt. transp. 39 no. 5 62 My '61.

MOTOR VEHICLES—BRAKES
Reconditioning of brake cylinders. V. Petunin. Avt. transp. 39 no. 4 51-52 Ap '61.
Use of brake retarders for motor vehicles operating in mountain areas. V. Gegiei, O. Shakhbazov. Avt. transp. 39 no. 5 43-46 My '61.

MOTOR VEHICLES—COLD WEATHER OPERATIONS see subdivison under Yakutia

MOTOR VEHICLES—DESIGN AND CONSTRUCTION
Chudakov, E. A. [Selected works] Izbrannye trudy. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 1. [Theory of motor vehicles] Teoriia avtomobilia. 1961. 462 p.
Vol. 2. 1961. 343 p.

MOTOR VEHICLES—DYNAMICS
Chudakov, E. A. [Selected works] Izbrannye trudy. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 1. [Theory of motor vehicles] Teoriia avtomobilia. 1961. 462 p.
Vol. 2. 1961. 343 p.

MOTOR VEHICLES—ENGINES
Crankgear deformations and the quality of engine repairs. I. Diamin. Avt. transp. 39 no. 5 34-36 My '61.
Effect of gasoline quality on scale formation. A. Gureev, S. Livshits. Avt. transp. 39 no. 5 26-27 My '61.
VM-16 and VPM-3 air filters. V. Panfilov. Avt. transp. 39 no. 5 46-47 My '61.

MOTOR VEHICLES—ENGINES—COOLING
Effect of scale removal from the cooling system on engine. D. Aronov, S. Koltypin, V. Shestukhin. Avt. transp. 39 no. 4 14-16 Ap '61.

MOTOR VEHICLES—EQUIPMENT AND SUPPLIES—EXHIBITIONS
Thematic exhibition of equipment for garages and motor vehicle maintenance and repair shops. N. Kudykov. Avt. transp. 39 no. 5 31-33 My '61.

MOTOR VEHICLES—FUEL SYSTEMS
Development of scientific research work in the field of fuel systems. Avt. transp. 39 no. 4 56-57 Ap '61.

MOTOR VEHICLES—INSPECTION see subdivision under Sverdlovsk Province

MOTOR VEHICLES—MAINTENANCE AND REPAIR
(see also subdivision under Moscow)
Cleaning gun. G. Sarkhosh'ian. Avt. transp. 39 no. 4 51 Ap '61.
Klebanov, B. V., and others. [Repairing motor vehicles and tractors] Remont avtomobilei i traktorov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry. Pt. 1. 1961. 335 p.
"Service station" truck. B. Gol'burt. Avt. transp. 39 no. 4 50-51 Ap '61.

MOTOR VEHICLES—PAINTING see subdivision under Gorkiy; Moscow

MOTOR VEHICLES—TESTING
Use of radioactive isotopes in testing automobiles for wear resistance. D. Vysotskii, A. Eliava. Avt. transp. 39 no. 5 36-39 My '61.

MOTOR VEHICLES—TIRES
Potentials for increasing the service life of tires during their operation. M. Kudriavtsev. Avt. transp. 39 no. 5 7-8 My '61.

MOTOR VEHICLES—TRAILERS see subdivision under Uzbekistan

MOTOR VEHICLES—TRANSMISSION DEVICES
Characteristics of single-stage hydraulic torque converters. A. N. Narbut. Izv. vys. ucheb. zav., mashinostr. no. 1 129-138 '60
Pneumatic servomechanisms for gear shifting manufactured by the Zahnradfabrik and the Clayton-Dewandre Co. I. I. Dymshits. Avt. prom. 27 no. 5 45-46 My '61.

MOTOR VEHICLES—WHEELS
New optical stand for the inspection of wheel alignment. L. Afanas'ev. Avt. transp. 39 no. 5 59-61 My '61.

MOTORBUS LINES see subdivision under Lithuania

MOTORBUS LINES—STATIONS
Passenger service buildings. Iu. Gol'denberg. Avt. transp. 39 no. 5 12-17 My '61.

MOTORBUSES
The LAZ-698 "Karpaty" motorbus. K. M. Atolan. Biul. tekh.-ekon. inform. no. 4 73-74 '61

MOTORBUSES—DESIGN AND CONSTRUCTION see subdivision under Lvov

MOTORTRUCKS
Cement trucks with a load capacity of 7-12 tons. I. F. Grafov. Mekh. stroi. 18 no. 3 20-21 Mr '61.
D-546 bitumen conveyor. I. L. Chupashev. Stroi. i dor. mash. 6 no. 2 14-15 F '61.
Investigating the operating conditions of motortrucks in agriculture. L. A. Velikanov. Trudy MIMESKH 6 319-343 '59.
Low tonnage trucks in foreign trade. A. Akhmedov. Sov. torg. 34 no. 5 53-56 My '61
Truck attachment for the bulk transportation of raw cotton. A. Shul'ga. Avt. transp. 39 no. 5 20-21 My '61.

MOTORTRUCKS—DESIGN AND CONSTRUCTION
(see also subdivision under Kiev)
"Truck frames" by D. B. Gel'gat, V. A. Oshnokov. Reviewed by V. E. Skripitsyn. Avt. prom. 27 no. 5 48 My '61.

MOTORTRUCKS—DYNAMICS
Resistance of motortrucks to motion on farm roads and fields. G. I. Sedov, L. A. Velikanov. Trudy MIMESKH 6 379-390 '59.

MOTORTRUCKS—FUEL CONSUMPTION
Use fuel economically. Sel'. mekh. no. 5 37 '61.

MOTORTRUCKS—MAINTENANCE AND REPAIR
Without a supervisor. I. Kokin. Sel'. mekh. no. 5 20-21 '61.

MOTORTRUCKS—TIRES
Stand for the removal of truck tires. V. Koval'chuk, A. Shcheslavskii. Avt. transp. 39 no. 4 20-22 Ap '61.

MOUNDS see subdivision under Molochnaya Valley

MOUNTAIN ECOLOGY see subdivision under Kamen', Mount, Kumba, Mount, Vogul'skiy

MOUNTAIN WARFARE
Attack in the mountains. H. Rustem. Voen. vest. 40 no. 10 30-32 O '60.

MOUNTAINEERING
Maiskevich, D. D. [Road to a great feat] Doroga k podvigu. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1961. 68 p.

MOUNTAINS
Akushova, A. F. [Formation and disintegration of mountains] Obrazovanie i razrushenie gor. Moskva, Izd-vo "Znanie," 1961. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanie. Ser. 12, Geologiia i geografiia, no. 9) [MICROFILM]

MOUTH—CARE AND HYGIENE
(see also subdivision under Minsk; Stalingrad)
Some problems in the care of the oral cavity in hospitalized patients. V. I. Luk'ianenko. Med. sestra 20 no. 4 45-48 Ap '61.

MOUTH—DISEASES
Clinical forms of chronic dyskeratosis of the oral mucosa and lips and methods for treating them. L. M. Milokhin. Stomatologiia 40 no. 2 14-19 Mr-Ap '61.

MOUTH—ULCERS
Necrotic processes in the oral cavity in chronic cardiovascular insufficiency. F. A. Molchanova. Stomatologiia 40 no. 2 33-39 Mr-Ap '61

MOVEMENT, PSYCHOLOGY OF
Experimental investigation of some motor reactions in connection with the perception of time [with summary in English]. A. F. Ponomarev. Vop. psikhol. 6 no. 1 79-86 My-Je '60

Motor activity of man under conditions of certain forms of the interaction of signal systems [with summary in English]. P. V. Stefanovich. Vest. LGU 16 no. 9, 107-113 '61.

Some peculiarities of motor action in connection with typological distinctions in the mobility of the nervous processes [with summary in English]. I. A. Klimov. Vop. psikhol. 6 no. 3 89-97 My-Je '60.

MOZHAYSK RESERVOIR—FISHES
Hydrological pattern and the formation of the ichthyofauna of the Mozhaysk Reservoir according to 1960 data. B. B. Bogoslovskii and others. Vest. Mosk. un. Ser. 5 Geog. 16 no. 3 38-45 My-Je '61.

MOZHAYSK RESERVOIR—HYDROLOGY
Hydrological pattern and the formation of the ichthyofauna of the Mozhaysk Reservoir according to 1960 data. B. B. Bogoslovskii and others. Vest. Mosk. un. Ser. 5 Geog. 16 no. 3 38-45 My-Je '61.

MOZHGA DISTRICT—PRODUCE TRADE
We are strengthening the material and technical base of procurements. A. Votintsev. Sov. potrebkoop. 5 no. 5:15-16 My '61.

MTSKHETA—ARMS AND ARMOR
Chemical, metallographic, and technological study of iron weapons found in the Samtavro burial ground [in Georgian with summary in Russian]. F. N. Tavadze and others. Vest. Gos. muz. Gruz. SSR 23-A:1 '59.

MUCOUS MEMBRANE
Clinical forms of chronic dyskeratosis of the oral mucosa and lips and methods for treating them. L. M. Mikolkin. Stomatologiia 40 no. 2 14-19 Mr-Ap '61.

MUCOUS MEMBRANE—BLOOD SUPPLY
Veins of the mucous membrane of the nasal septum [with summary in English]. I. A. Venediktov. Arkh. anat. gist. i embr. 40 no. 3:51-60 Mr '61.

MUD-SCOWS see Scows

MUD VOLCANOES
(see also subdivision under Kobystan)
Comparing waters of some mud volcanoes in the Kyurovdag-Babazan-Khilly-Neftechala anticlinal zone containing formation waters. M. S. Agaianov, A. R. Akhundov, P. A. Sholkhet. Azerb. neft. khoz. 40 no. 3 7-10 Mr '61.

MUGODZHAR HILLS—ROCKS, IGNEOUS
Occurrence of acidic effusive rocks in the Situlian cross section of the western greenstone zone of Mugodzhar. S. G. Greshner. Vest. AN Kazakh. SSR 17 no. 4 68-71 Ap '61.

MUKACHEVO DISTRICT—LARCH
Early reproduction and abnormalities of the flower in Larix decidua Mill. P. Molotkov. Bot. zhur. 45 no. 4 577-578 Ap '60.

MUKHAMEDZHANOV, SADYKH
The first Kazakh oratorio. N. Tiftikidi. Sov. muz. 25 no. 5:101-103 Je '61.

MUKHIN, EFREM OSIPOVICH, 1766-1850
"F. O. Mukhin and the anatomical-physiological line in medicine" by Iu. A. Shilinov. Reviewed by G. V. Arkhangel'skii. Sov. zdrav. 20 no. 3:88-89 '61.

MULLITE
Mullite with lowered light refraction. N. I. Min'ko. Stek. i ker. 18 no. 5, 17-19 My '61.

MULTIPLE SCLEROSIS
Amount of protein and protein fractions in encephalomyelitis and multiple sclerosis [with summary in French]. L. I. Kucherova, L. B. Klebanova. Zhur. nevr. i psikh. 60 no. 11:1458-1463 '60.

Change in the reactivity of the body as a basis for pathogenetic therapy in multiple sclerosis [with summary in French]. A. L. Leonovich. Zhur. nevr. i psikh. 60 no. 11:1453-1457 '60.

Diagnostic significance of specific reactions in multiple sclerosis [with summary in French]. V. E. Grechko. Zhur. nevr. i psikh. 60 no. 3:202-209 '60.

Disorders of sensitivity in multiple sclerosis [with summary in French]. S. V. Babenkova. Zhur. nevr. i psikh. 60 no. 11:1444-1452 '60.

Expert disability evaluation of patients with multiple sclerosis [with summary in French]. V. E. Grechko. Zhur. nevr. i psikh. 60 no. 11:1467-1473 '60.

Geography of multiple sclerosis [with summary in French]. Kh. G. Khodos. Zhur. nevr. i psikh. 60 no. 11:1435-1443 '60.

Some data on the functional state of the liver in multiple sclerosis [with summary in French]. M. A. Afanas'ev, P. I. Vlasova. Zhur. nevr. i psikh. 60 no. 11 1161-1166 '60.

Atypical forms of multiple sclerosis [with summary in French]. A. I. Shaliga. Zhur. nevr. i psikh. 60 no. 3 301-306 '60.

MUMMIES see subdivision under Antarctic regions

MUMPS
Epidemiology of parotitis. A. I. Olefir. Ped., akush. i gin. 22 no. 4:18-21 '60.

Specific prevention of epidemic parotitis. IA. L. Povolotskyi. Ped., akush. i gin. 22 no. 4 15-18 '60.

MUNICIPAL ENGINEERING see subdivision under Moscow

MUNICIPAL SERVICES
(see also subdivision under Ivanovo, Kargopol', Moscow, Moscow Province)
Brief news. Zhil.-kom. khoz. 11 no. 2:35 F '61.
In the Technical Council of the Ministry. Zhil.-kom. khoz. 11 no. 2:32 F '61.
Problems of trade-union organizations of the communal economy concerning improved service to the population. V. Moskalev. Zhil.-kom. khoz. 11 no. 2 1-3 F '61.

MUNICIPAL SERVICES—EQUIPMENT AND SUPPLIES
New equipment in the communal economy. Zhil.-kom. khoz. 11 no. 2 18-19 F '61.

MUNICIPAL SERVICES—PERIODICALS see subdivision under Moscow

MURAL PAINTING AND DECORATION see subdivision under Ukraine

MURANOV, MATVEI KONSTANTINOVICH, 1873-1959
Outstanding Bolsheviks and disciples of Lenin ("M. K. Muranov" by Klavdiia Drozdova, I. F. Smirnov-Lastochkin" by S. Gertsman). Reviewed by P. M. Shmorkun). Ukr. ist. zhur. 4 no. 2 166-167 Mr-Ap '60.

MURAT, VALERII NIKOLAEVICH, 1900
Valerii Nikolaevich Murat, on his 60th birthday. A. M. Meshcheriakov, A. G. Kolotkov. Arkh. anat. gist. i embr. 39 no. 4 128 N '60.

MURDER
(see also subdivision under France, Stanislav)
Jealousy. N. Diesperov. Sots. zakon. 31 no. 1 68-71 Ap '60.

A murderer couldn't get away from punishment. I. Atanovskii. Sots. zakon. 31 no. 6 72-75 Je '61.

Prevention of premeditated murders. G. Kochalov. Sots. zakon. 31 no. 6 19-24 Je '61.

Responsibility for premeditated murder. S. Borodin. Sots. zakon. 31 no. 1 27-32 Ap '60.

MURMANSK PROVINCE—COLLECTIVE FARMS—ACCOUNTING
Select and train collective farm employees better. I. V. Zhuravlev. Uchet i fin. v kolkho. i sovkhoz. 18 no. 5 55-57 My '61.

MURMANSK PROVINCE—WHEAT
Studies on nitrogen metabolism of wheat in the Far East [with summary in English]. M. G. Znitneva. Fiziol. rast. 8 no. 3:316-324 '61.

MUROM—COMMUNIST EDUCATION
We prepare for the new schoolyear. Iu. Pavel'ev. Polit. samoobr. 5 no. 5:106-107 My '61.

MUSCLE
Adenosinephosphoric acid content of the rat muscles in dinitrophenol poisoning [with summary in English]. A. V. Kotel'nikova, V. V. Solomatova, Gorskaia. Biokhimiia 25 no. 6 1085-1091 '60.

Amino acid composition of protein-free filtrate of smooth muscles in vertebrate and invertebrate [with summary in English]. S. E. Severin, Kosova. Biokhimiia 25 no. 6 1012-1017 N-D '60.

Changes in the lability of smooth muscle during stimulation of sympathetic and parasympathetic nerves [with summary in English]. R. S. Orlov, Kh. S. Koshtoyants. Eksp. biol. i med. 49 no. 2:22-26 F '60.

Changes in muscle contractility during interval stimulation [with summary in English]. I. S. Vosilov, V. L. Cherkashina. Fiziol. zhur. 210-213 F '60.

Demarcational difference in potentials as a reflection of the changing condition of polarization of skeletal muscle in various age periods [with summary in English]. Z. G. Gokhblit, I. A. Kornienko. Biul. eksp. biol. i med. no. 2:26-31 F '60.

Effect of overexertion of the process of diffusion inhibition on the regeneration of skeletal muscles in rats [with summary in English]. N. E. Kovarskii. Eksp. biol. i med. 51 no. 2:103-107 F '61.

Histogenesis of striated muscle tissue in the tongue, muscles of the extremities, and the muscular layer of the esophagus of pigs [with summary in English]. I. N. Borisov. Arkh. anat. gist. i embr. 54-62 Jl '60.

Intracellular potentials of unaltered muscle fibers. M. I. Sologub. Fiziol. zhur. 47 no. 3, 371-381 Mr '61.

Protein substrate of tonic and tetanic skeletal muscles of a frog [with summary in English]. V. B. Ushakov. Vest. LGU 16 no. 9 143-144 '61.

Rate of transition from peaximal contraction to optimal. N. M. Shamarina. Fiziol. zhur. 47 no. 2 258-265 F '61.

Resistance of tonic and atonic muscle fibers to the action of a series of chemical agents. V. B. Ushakov. Dokl. AN SSSR 138 no. 1 185-187 My '61.

Some data on the structure of the striated muscles of crabs. N. F. Kastrikin. Nauch. dokl. vys. shkoly, biol. nauki no. 2 68-70 '61.

Structural proteins of smooth muscles in warm-blooded animals [with summary in English]. V. V. Oppel', T. P. Serebrennikova. Biokhimiia 25 no. 6 1035-1042 N-D '60.

Studies on the transfer of glycosyl residues of maltose in skeletal muscles [with summary in English]. N. F. Pisarenko, A. N. Petrova. Biokhimiia 26 no. 2 350-353 Mr-Ap '61.

MUSCLE—DEGENERATION AND REGENERATION
Posttraumatic regeneration of musculature of the skeletal type following general and local irradiation with roentgen rays [with summary in English]. L. V. Dmitrieva. Arkh. anat. gist. i embr. 39 no. 11 11-22 N '60.

Regeneration of striated muscles after roentgen irradiation [with summary in English]. Wang Hsiu-pi. Arkh. anat. gist. i embr. 39 no. 11 23-32 N '60.

MUSCLE RELAXANTS
Bronchoscopy under intravenous anesthesia in combination with muscle relaxants. I. G. Klimkovich. Akt. vop. obezbol. no. 2:97-101 '59.

Combination of intravenous anesthesia and muscle relaxants in esophagoscopy. A. N. Kabanov. Akt. vop. obezbol. no. 2:105-110 '59.

Differentiation of various effects induced by anticholinesterase substances [with summary in English]. P. G. Diablova. Biul. eksp. biol. i med. 51 no. 2:60-62 F '61.

Mechanism of the action of muscle relaxants. A. I. Bilskin. Akt. vop. obezbol. no. 2:90-96 '59.

MUSCLES
Change in the functional condition of peripheral nerves and muscles in the formation of dominance in the spinal cord. Report No. 1: Influence of cerebrospinal dominance on the parameters of excitability in nerve and muscle. F. D. Shelikhon, G. V. Nikishin. Biul. eksp. biol. i med. 50 no. 10 16-21 O '60.

Changes in certain cellular components during the histogenesis of muscular tissue [with summary in English]. V. P. Gilev. Arkh. anat. gist. i embr. 38 no. 3 28-33 Mr '60.

Changes in muscle tone in school children during work assignments. B. I. Tsenkin. Gig. i san. 25 no. 7 98-100 Jl '60.

Changes of the tone of the spinal muscles in man. A. M. Bentolev. Fiziol. zhur. 47 no. 3 356-361 Mr '61.

Condition of the sympathetic nervous system and muscular efficiency during a prolonged period following removal of the lung in tuberculosis [with summary in French]. V. P. Gorev. Probl. tub. 38 no. 3 83-88 '60.

Development of muscular tissue of the small intestine [with summary in English]. A. P. Gladkii. Arkh. anat. gist. i embr. 38 no. 4 51-60 Ap '60.

Effect of various intensities of the excitation of mechanoreceptors of the urinary bladder on the striated muscles. Report No. 2: Relationship between the reaction of various muscles and the distance to the site of excitation [illegible] to Pavlov. B. S. Lapshina. Biul. eksp.

MUSCULAR DYSTROPHY

Histological changes in the skeletal musculature in alimentary muscular dystrophy [with summary in English] M. G. Shcherbakova. Arkh. anat. gist. i embr. 40 no. 2:31-41 F '61.

MUSCULUS MASSETER—DISEASES

Traumatic ossifying myositis of the musculus masseter (case of heterotopic bone formation) V. V. Panikarovskii. Stomatologiia 40 no. 1:49-51 Ja-F '61.

MUSEUMS

Praiseworthy initiative ("Studies of the Research Institute of Museology," Reviewed by N. L. Rubinshtein) Ist. SSSR 5 no. 3:177-180 My-Je '61

MUSHROOMS

Do you know mushrooms? A. V. Nenarokomov. Les. khoz. 14 no. 6:80-82 Je '61.

MUSHROOMS, EDIBLE

Good and bad mushroom years. A. S. Bondartsev. Priroda 50 no. 6:127-128 Je '61.

Strongmen. S. Puchkov. Znan. ta pratsia no. 3:32 Mr '61

MUSIC

(see also subdivision under Estonia, Kamchatka, Leningrad, Moscow; Sevastopol; Soviet Central Asia; Virgin Territory)

Brief news. Sov. muz. 25 no. 5:105-208 My '61.

Brief news. Sov. muz. 25 no. 6:187-208 Je '61.

Brief notes. Sov. muz. 25 no. 5:105 My '61.

Music lovers reveal. Matthias Sarjan, Andrei Arendt, Evgenii Bodanskii. Sov. muz. 25 no. 5:21-23 My '61

MUSIC —ACOUSTICS AND PHYSICS

Music and scientific-technical progress. IU. Keldysh. Sov. muz. 25 no. 5,177-183 My '61

Physics of musical instruments. L. Skobennikov. IUn. tekh. 5 no. 5:24-28 My '61.

MUSIC —ANALYSIS, APPRECIATION

(see also subdivision under Lvov, Moscow)

The education of children and youth in music and aesthetics. T. Khrennikov. Sov. muz. 25 no. 5:12-20 My '61

MUSIC—BIBLIOGRAPHY see Bibliography—Music

MUSIC—COMPETITIONS see subdivision under Moscow

MUSIC —HISTORY AND CRITICISM

At the Leningrad review. A. Eshpai. Sov. muz. 25 no. 6:76-79 Je '61.

The Czech press on Soviet music. Vaclav Felix. Sov. muz. 25 no. 6:174-176 Je '61.

First impressions. V. Berkov. Sov. muz. 25 no. 5:86-88 My '61.

MUSIC—INSTRUCTION AND STUDY see subdivision under Bryansk; Ukraine

MUSIC —INSTRUCTION AND STUDY—JUVENILE

The mother of harmony and rhythm. M. Shaginian. Sov. muz. 25 no. 6:49-55 Je '61.

Participants of the plenum speak. Sov. muz. 25 no. 6:34-48 Je '61.

With a united front. V. Solov'ev-Sedoi. Sov. muz. 25 no. 6:22-26 Je '61.

MUSIC—JUVENILE LITERATURE see subdivision under Moscow

MUSIC —MISCELLANEA

Motley pages. Sov. muz. 25 no. 6:177-186 Je '61.

MUSIC —PERFORMANCE

Remarks on the articles written by conductors. Sov. muz. 25 no. 5:121-124 My '61.

MUSIC —PHYSIOLOGICAL ASPECTS

Problems in the physiology of the perception of musical tones in the scientific legacy of I. M. Sechenov, on the 130th anniversary of I. M. Sechenov's birth. T. M. Baturina. Fiziol. zhur. 46 no. 2:258-260 F '60

MUSIC, CZECH —HISTORY AND CRITICISM

Review of symphonic music in Prague. P. Ekshtein. Sov. muz. 25 no. 5:184-185 My '61.

MUSIC, POPULAR (SONGS, ETC.) see subdivision under Moscow

MUSIC AND LITERATURE see subdivision under Ukraine

MUSIC AND RADIO see Radio and music

MUSIC MUSEUMS see subdivision under Tallinn

MUSICAL INSTRUMENTS, ELECTRONIC

"Ural melodies," R. Zaripov. Znan. sila 36 no. 2:28-29 F '61.

MUSICAL INSTRUMENTS, UKRAINIAN

Volodymyr Perepeliuk, a kobza player. M. T. Stekhol'. Nar. tvorch. ta etn. 4 no. 1:89-96 O-D '60

MUSICAL REVUES, COMEDIES, ETC. see subdivision under Moscow

MUSKHELISHVILI, NIKOLAI IVANOVICH, 1891

N. I. Muskhelishvili, on his 70th birthday. Prikl. mat. i mekh. 25 no. 2:377 Mr-Ap '61

Nikolai Ivanovich Muskhelishvili, on his 70th birthday. I. N. Vekua. Usp. mat. nauk 16 no. 2:169-180 Mr-Ap '61

MUTTON

Vitamin "B_1" content of mutton preserved by sublimation. E. S. Tkachenko. Izv. vys. ucheb. zav., pishch. tekh. no. 2:86-87 '61.

MUYUN-KUM—BOTANY

Vegetation of the western Muyun-Kum. R. D. Mel'nikova. Trudy inst. bot. AN Uz. SSR no. 5:50-196 '59

MYCERIN

Determination of the sterility of mycerin preparations with the aid of ion exchange resin [with summary in English] I. S. Petropavlovskaia. Antibiotiki 6 no. 2:173-178 F '61

Problem of the therapeutic effect of mycerin and levomycetin in experimental leptospirosis [with summary in English] F. M. Tsvetkova. Antibiotiki 6 no. 3:231-233 Mr '61

MYCOBACTERIUM

New species of nitrogen-fixing Mycobacterium and its physiological characteristics [with summary in English]. M. V. Ederov, T. A. Kalininskaia. Mikrobiologiia 30 no. 1:9-14 Ja-F '61

MYCOBACTERIUM BOVIS

Studies on various biochemical indices of BCG cultures under various cultivation conditions. T. S. Goncharovskaia and others. Probl. tub. 38 no. 4:88-93 '60.

MYCOBACTERIUM TUBERCULOSIS

Electron microscope studies on the morphological structure of Mycobacterium tuberculosis. I. S. Pokotinskii, N. M. Sokolova, A. E. Stremilova. Probl. tub. 38 no. 4:94-99 '60.

Pigmented mycobacteria in clinical tuberculosis. A. M. Khoma-Lemishko. Probl. tub. 39 no. 1:93-98 '61.

MYCOLOGICAL RESEARCH

Trends in mycological research and agricultural mycology [with summary in English]. I. G. Beilin. Izv. AN SSSR Ser. biol. no. 3:461-471 My-Je '61

MYCORRHIZA

Effect of pure cultures of mycorrhiza fungi on the development of pine and oak seedlings [with summary in English]. N. M. Shomakhanova. Izv. AN SSSR, Ser. biol. no. 3:362-376 My-Je '61.

Pencils made from the wood of myco-trees. IUn. tekh. 5 no. 2:42 F '61.

MYCOSIS

X-ray therapy for mycosis of the scalp in 2-3 year-old children. M. F. Prikhod'ko, B. S. Sagatov. Med. zhur. Uzb. no. 11:21-24 N '60.

MYCOSTATIN

Deep fermentation of nystatin in a pilot plant [with summary in English] L. A. Popova and others. Antibiotiki 6 no. 1:34-36 Ja '61.

Instructions on the use of anticandin (nystatin). Antibiotiki 6 no. 4:373 Ap '61.

Isolation and studies on highly purified nystatin preparations. G. I. Kleiner and others. Antibiotiki 6 no. 3:200-203 Mr '61.

Nystatin (anticandin). V. A. Shorin, L. E. Gol'dberg. Antibiotiki 6 no. 4:370-372 Ap '61.

Use of nystatin in controlling meat mold [with summary in English]. L. P. Volkova. Mikrobiologiia 30 no. 1:158-164 Ja-F '61.

MYONEURAL JUNCTION

Effect of cardiac glycosides on Neuromuscular transmission [with summary in English]. L. L. Grechishkin. Farm. i toks. 24 no. 1:75-79 Ja-F '61.

MYOSIN

Decrease of the stability and adenosinetriphosphatase activity of myosin in solution during thermal denaturation and due to the effect of cadmium chloride [with summary in English] E. B. Kofman, A. N. Malikova. Biokhimiia 25 no. 2:242-250 Mr-Ap '60.

Protein substrate of tonic and tetanic skeletal muscles of a frog [with summary in English]. V. B. Ushakov. Vest. LGU 16 no. 9:123-134 '61.

MYOTONIA

Atrophic myotonia following closed injury of the skull. A. P. Zinchenko. Vop. psikh. i nevr. no. 5:142-151 '59.

MYSHKIN, IPPOLIT NIKITICH, 1848-1885

A book on Ippolit Myshkin ("Ippolit Myshkin" by I. Ostrover. Reviewed by V. Tvardovskaia) Novyi mir 36 no. 4:261-264 Ap '60.

MYTISHCHI—REGIONAL PLANNING

Prospects for the development of the Mytishchi district. P. V. Buianov. Gor. khoz. Mosk. 35 no. 1:16-18 Ap '61.

NADER SHAH, SHAH OF IRAN, 1688-1747

Mohammad Kazem. [Nāmé-ii 'ālamārā-ii nādirī (Nadir's book beautifying the world)] Nāmē-ii 'ālamārā-ii nādirī (miroukrashaiushchaia Nadirova kniga). Izdanie teksta i predislovie N. D. Miklukho-Maklaia. Ukazateli G. V. Shitova. Moskva, Izd-vo vostochnoi lit-ry. (Pamiatniki literatury narodov Vostoka. Teksty. Bol'shaia seriia, no. 12)

Vol. 1. 1960. 21, 717 p.

NAGIBIN, IURII MARKOVICH, 1920-

Youth relived ("Chistye Prudy" by IUrii Nagibin. Reviewed by S. Dmitriev). Ogonek 39 no. 21:25 My '61.

NAGORNO-KARABAKH AUTONOMOUS PROVINCE—ICELAND SPAR CRYSTALS

Qualitative description of Iceland spar crystals in the northeastern part of the Nagorno-Karabakh Autonomous Province [in Azerbaijani with summary in Russian]. F. A. Akhundov, T. M. Mamedov. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk no. 5:101-109 '60

NAGORNO-KARABAKH AUTONOMOUS PROVINCE—PUBLIC HEALTH

Public health system of the Nagorno-Karabakh Autonomous Province during the 40 years of Soviet rule [in Azerbaijani with Russian summary]. R. P. Gazarian. Azerb. med. zhur. no. 4:22-26 Ap '60.

NAILS

Machine for nail removal (from "Timber Trades Journal," 234 no. 4382, 1960). Der. prom. 10 no. 3:32 Mr '61.

NAKHICHEVAN A. S. S. R.—PHOSPHORITES

Occurrences of phosphorite in the Nakhichevan A. S. S. R. D. D. Mazanov. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk no. 5:93-99 '60

NAKHICHEVAN A. S. S. R.—PUBLIC HEALTH

Forty years of the public health system in the Nakhichevan A. S. S. R. [in Azerbaijani with Russian summary]. A. I. Tulrov. Azerb. med. zhur. no. 4:19-22 Ap '60.

NAKHICHEVAN A. S. S. R.—SOIL TEMPERATURE

Heat cycle of soils in the Nakhichevan A. S. S. R. A. IU. Iarafilova. Dokl. AN Azerb. SSR 17 no. 3:229-232 '61

NALBANDIAN, MIKAEL LAZAREVICH, 1829-1866

Communism and the heritage of the great authors of the past. A. B. Khachaturian. Uch. zap. MGPI 161:203-246 '61

NAL'CHIK—ART GALLERIES AND MUSEUMS

An art museum in Nal'chik. Iskusstvo 24 no. 5:66 '61

NALCHIK—HEALTH RESORTS, WATERING PLACES, ETC.

In the foothills of the Caucasus range. Okhr. truda i sots. strakh. 4 no. 5:30 My '61.

NALCHIK—TEETH—ABNORMITIES AND DEFORMITIES

Data on anomalies of the maxillodental system in children in some children's institutions. T. P. Leskina. Stomatologiia 40 no. 2:99 Mr-Ap '61.

NALORPHINE

Effect of morphine and nalorphine on the content of labile phosphorus compounds in the brain [with summary in English]. E. B. Arushanian. Biul. eksp. biol. i med. 51 no. 1:60-63 Ja '61.

NALYVAIKO, SEVERYN, d. 1597

Rozner, I. G. [Severyn Nalyvaiko, leader of the uprising of Ukrainian peasants and Cossacks in 1594-1596] Severin Nalivaiko - rukovoditel' krest'iansko-kazatskogo vosstaniia, 1594-1596 gg. na Ukraine. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 77 p.

NAMANGAN—THEATER

On a large stage. Uzbekistan 10 no. 2:12 F '60

NAMANGAN DISTRICT—COLLECTIVE FARMS

"Leningrad" collective farm. D. Grigor'ev. Uzbekistan 16 no. 12:4 D '59.

NAMES

The etymology of the words "Kaspi," "Khazar," and "Kavkaz" [in Azerbaijani with summary in Russian]. A. M. Demirchizade. Trudy API 7:3-7 '59.

The First Ukrainian Conference on the Problems of Toponymics and Onomastics. H. I. Nikulin. Ukr. ist. zhur. 4 no. 2:188-189 Mr-Ap '60.

Studies of the origin of certain appellations. M. N. Zakharova. Uch. zap. Kish. un. 37:69-73 '59.

NAMES, GEOGRAPHICAL

(see also subdivision under Baltic States)

The First Ukrainian Conference on the Problems of Toponymics and Onomastics. H. I. Nikulin. Ukr. ist. zhur. 4 no. 2:188-189 Mr-Ap '60

NAPAS REGION—PALYNOLOGY
Spore-pollen complexes in Maestrichtian sediments in the 1-P Tym borehole. L. G. Markova, IU. F. Shirokova. Geol. i geofiz. no. 12. 120-123 '60.

NAPHTHALENE
Synthesis of side chain fluorinated vinylnaphthalenes. G. V. Kazennikova and others. Izv. AN SSSR Otd. khim. nauk no. 5:835-838 My '61.

NAPHTHALENONE
Syntheses based on esters of tetralonecarboxylic acids. Part 1. Preparation of 4-methyl- and 1, 3-dimethyl-2-tetralones. N. M. Przhialgovskaia, V. F. Shner, V. N. Belov. Zhur. ob. khim. 31 no. 5:1678-1681 My '61.

NAPHTHENIC ACID
Effect of lead and manganese naphthenate additions on the explosive properties of certain hydrocarbons. B. G. Gavrilov, V. A. Zaverkin. Zhur. prikl. khim. 34 no. 3:589-592 Mr '61.

NAPHTHOIC ACID
Synthesis of 4-halo derivatives of a lactam of 1-amino-8-naphthoic acid (4-halonaphthostyriles) based on acenaphthene. A. P. Kartshin, D. M. Kustol. Zhur. ob. khim. 31 no. 5:1695-1660 My '61.

NAPHTHOL
Similarity of reactions catalyzed by liquid and solid acids. I. I. Ioffe and others. Probl. kin. i kat. 10:294-297 '60.

NAPHTHOSTYRIL
Synthesis of naphthostyril. M. M. Dashevskii. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 2:232-237 '61.

NAPHTHYLAMINE
Similarity of reactions catalyzed by liquid and solid acids. I. I. Ioffe and others. Probl. kin. i kat. 10:294-297 '60.

NARIMANOV, NARIMAN NADZHAF, 1871-
Educational and pedagogical activity of Nariman Narimanov. Gusin Akhmedov. Sov. pedag. 25 no. 5:101-109 My '61.

NATIONAL PARKS AND RESERVES
(see also subdivision under Ukraine)
History of the protection of botanical reserves in Russia. L. S. Belousova. Okhr. prir. i zapov. delo v SSSR no. 6:30-38 '60.

NATIONALISM see subdivision under Africa; Ukraine

NATIONALITIES
(see also subdivision under Armenia)
"The development of the federal Soviet socialist state" by S. I. Iakubovskaia. Reviewed by B. T. Baglikov. Ist. SSSR 6 no. 3:169-172 My-Je '61.

Solovei, Dmytro. [Russian Bolshevik colonialism in the Non-Russian Republics of the U. S. S. R.] Rosiis'kyi bil'shovyts'kyi kolonializm u nerosiis'kykh respublikakh SSSR. Toronto, 1961. 30 p.

Soviet culture is socialist in its content and multinational in its form. M. I. Shumakov. Uch. zap. MGPI 101 25-51 '61.

Triumph of Lenin's ideas. Sov. etn. no. 2:3-6 Mr-Ap '60.

NATSAGDORZH, DASHDORZHIIN, 1906-1937
D. Natsagdorzh. L. Gerasimovich. Pisat. str. nar. dem. no. 4:143-173 '60.

NATURAL GAS see Gas, Natural

NATURAL HISTORY
"Transactions of the Leningrad Naturalists' Society," Vol. 71, No. 1. Reviewed by P. Zhur. Zvezda no. 3:215-216 Mr '61.

NATURAL MONUMENTS
Natural monuments. M. V. Knorina. Okhr. prir. i zapov. delo v SSSR no. 6:102-110 '60.

NATURAL MONUMENTS—LAW AND LEGISLATION
Legal regulations relating to the protection of nature. N. D. Kazantsev. Vest. Mosk. un. Ser. 10: Pravo 15 no. 1:5-17 '60.
Protection of nature and problems facing the local soviets of workers' deputies. V. Muntian, V. Skibits'kyi. Rad. pravo no. 3:18-20 My-Je '61.

NATURAL RESOURCES
(see also subdivision under Amur Valley, Baikal Lake region, Bashkiria; Sakhalin; White Russia; Yakutia)
Conservation of nature under Peter the Great. N. A. Chefranova. Okhr. prir. i zapov. delo v SSSR no. 6:111-117 '60.
Protect, conserve and utilize wisely. M. F. Grin. Nauka i zhizn' 28 no. 4:32-36 Ap '61.

NATURAL RESOURCES—BIBLIOGRAPHY see Bibliography—Natural resources

NATURAL RESOURCES—LAW AND LEGISLATION
From the editor. Nauch. dokl. vys. shkoly, biol. nauki no. 1:9-10 '61.

NATURE STUDY
(see also subdivision under Ukraine)
How to work with a nature study textbook ("Nature study." Reviewed by M. N. Skatkin). Nach. shkola 29 no. 5:42-52 My '61.
Notes on the contact between instruction and life. S. P. Baranov. Nach. shkola 29 no. 5:15-19 My '61.
Skrlabina, A. V. [My work with young naturalists] Moia rabota s iunnatami. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1960. 98 p.
Unity of nature. K. Pfron. Tekh. tekh. 5 no. 1:67-68 Ja '61.

NAUTICAL TRAINING SCHOOLS see subdivision under Zaporozh'ye

NAVAL MUSEUMS see subdivision under Sevastopol

NAVIES see also subdivision 'Navy' under Russia

NAVIGATION (AERONAUTICS)
(see also subdivision under Antarctic regions)
Determining the angle of drift from unit readings. G. V. IAkovlev. Vest. Vozd. Fl. no. 12:75-76 D '60.
Navigator D. P. Vysketa an example. V. G. Voroshcenkov, B. P. Kropanev. Vest. Vozd. Fl. no. 12:36-43 D '60.

NAZOR, VLADIMIR, 1876-1949
"Novelle" by V. Nazor. Reviewed by I. Postupal'skii. Novyi mir 36 no. 5:255-258 My '60.

NEAR EAST—ETHNOLOGY
"Near East ethnological collection." Reviewed by M. S. Ivanov. Sov. etn. no. 2:190-195 Mr-Ap '60.

NEAR EAST—POLITICS
Akademiia nauk SSSR. Institut narodov Azii. [The U. S. policy in the Arab East] Politika SShA na Arabskom Vostoke. Moskva, Izd-vo vostochnoi lit-ry, 1961. 260 p.

NEBULAE
Possibility of observing gaseous nebulae in the Lyman alpha line. G. A. Gurzadian. Dokl. AN SSSR 136 no. 5:1055-1058 F '61.

NECESSITY (PHILOSOPHY)
Shtokanov, D. I. [The dialectic of necessity and chance] Dialektika neobkhodimosti i sluchainosti. Minsk, Izd-vo Akad. nauk BSSR, 248 p.

NECHKINA, MILITSA VASIL'EVNA, 1901-
Academician M. V. Nechkina's 60th birthday. Ist. SSSR 5 no. 3:237-238 My-Je '61.

NECHUI-LEVYTS'KYI, pseud. see Levyts'kyi, Ivan, 1837-1918

NECK—SURGERY
Clinical significance of variations in the origin of the innominate artery in man during operations on the neck and anterior mediastinum. M. M. Pavlova-Poliakova. Khirurgiia 37 no. 5:34-38 My '61.

NECROSIS
Necrotic processes in the oral cavity in chronic cardiovascular insufficiency. K. A. Molchanova. Stomatologiia 40 no. 2:33-39 Mr-Ap '61.

NEFTYANYE KAMNI—PETROLEUM INDUSTRY
Outdistancing time. Akif Dzhafarov. Sov. profsoiuzy 17 no. 10:25 My '61.

NEFTYANYE KAMNI REGION—WAVES
Waves in the sea in the Neftyanye Kamni region [in Azerbaijani with summary in Russian]. A. A. Kerimov. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk no. 5:163-172 '60.

NEGRO LITERATURE—HISTORY AND CRITICISM
Survey of the foreign press. Inostr. lit. no. 4:216-224 Ap '61.

NEGRO LITERATURE (AMERICAN)
Uncle Tom's grandchildren continue their struggle. R. Orlova. Mol. Komm. no. 5:121-126 My '61.

NEGROES see subdivision under United States

NEIGAUZ, STANISLAV
Pianists. A. Gotlib, D. Rabinovich, Mstislav Smirnov. Sov. muz. 26 no. 6:153-156 Je '61.

NEKRASOV, ALEKSEI DMITRIEVICH, 1874-1960
In memory of Aleksei Dmitrievich Nekrasov (1874-1960). N. M. Artemov. Nauch. dokl. vys. shkoly, biol. nauki no. 2:241-242 '61.

NEKRASOV, NIKOLAI ALEKSEEVICH, 1821-1877
All-Union Conference on Nekrasov. Rad. lit. 5 no. 3:153 My-Je '61.
From N. A. Nekrasov's novel "Life and adventures of Tikhon Trosnikov." E. N. Konshina. Zap. Otd. ruk. no. 21:232-234 '59.

NEKRASOV, VIKTOR PLATONOVICH, 1911-
Soldier and writer. Leonid Serpilin. Ukraina no. 11:8 Je '61.

NEMATODA see subdivision under Armenia

NEODYMIUM ALUMINATE
Synthesis and study of neodymium monoaluminate and neodymium silicates. N. A. Toropov, T. P. Kiseleva. Zhur. prikl. khim. 34 no. 3:498-501 Mr '61.

NEODYMIUM-MAGNESIUM ALLOYS see Magnesium-neodymium alloys

NEODYMIUM SILICATE
Synthesis and study of neodymium monoaluminate and neodymium silicates. N. A. Toropov, T. P. Kiseleva. Zhur. prikl. khim. 31 no. 3:498-501 Mr '61.

NEOMYCIN
Studies on desorption processes and the purification of columycin on an ion-exchange resin KB4-P2. M. G. Brazhnikova, M. F. Lavrova, A. D. Gorlunkova. Antibiotiki 5 no. 2:13-16 Mr-Ap '60.

NEON—ISOTOPES
Cosmogenic isotopes in the Yardymly meteorite. L. K. Levskii. Geokhimiia no. 4:358 '61.

NEOPLASMS see Tumors

NEPHELITE
(see also subdivision under Kuznetsk Ala-Tau)
History of the complete processing of nepheline in the U. S. S. R. V. A. Segal. Khim. v shkole 15 no. 2:7-12 Mr-Ap '60.

NEPHELOMETRIC ANALYSIS
Nephelometric determination of inorganic sulfates in urine by means of a stable standard of turbidity. IU. A. Kechek, Zh. S. Badallan. Lab. delo 7 no. 5:20-21 My '61.

NEREKHTA DISTRICT—BANKS AND BANKING—ACCOUNTING
Personnel training and performance control is a guarantee of success. A. Balashov. Den. i kred. 19 no. 5:64-66 My '61.

NEREKHTA DISTRICT—COLLECTIVE FARMS
Ivashkin, E. F., and A. P. Zheludkov. [For an abundance of inexpensive farm produce] Za izobilie deshevoi produktsii. [Kostroma] Kostromskoe knizhnoe izd-vo, 1960. 26 p. (DA)

NERVES
Cytochemical reactions of mitochondrial ribonucleoproteins and tigroid granules of nerve cells during the first minutes after gamma irradiation. A. L. Shabadash, T. I. Zelikina, N. D. Agracheva. Dokl. AN SSSR 136 no. 1:222-225 Ja '61.
Effect of luminous irradiation on unipolar excitability and recovery of the negative charge in nerves. L. A. Militin. Uch. zap. UrGU no. 31:33-36 '59.
Effect of various physiologically active substances on the action potential of nerve. D. S. Voronisov, IA. M. Vladimirova. Fiziol. zhur. 46 no. 2:194-201 F '60.
Injury and restoration of the structure of internuncial synapses after generalized roentgen irradiation [with summary in English]. V. P. Babmindra. Biul. eksp. biol. i med. 51 no. 1:102-105 Ja '61.
Metabolic nature of the automatism of nerve cells as exemplified in the spinal center of the lymph heart [with summary in English]. A. I. Esakov. Zhur. ob. biol. 22 no. 2:130-143 Mr-Ap '61.

NERVES, FACIAL
Influence of parasympathetic denervation on protein metabolism of the submaxillary salivary glands in the cat [with summary in English]. G. V. Chernysheva. Biul. eksp. biol. i med. 50 no. 10:67-73 O '60.

NERVES, FACIAL—DISEASES
Neuritis of the facial nerve caused by Coxsackie virus [with summary in French]. M. A. Vashchenko, N. F. Golub. Zhur. nevr. i psikh. 60 no. 11:1416-1422 '60.
Obturator for compensation of the functional insufficiency of the lips in paralysis of the facial nerve. E. IU. Sverdlov. Stomatologiia 40 no. 2:94 Mr-Ap '61.
Pathophysiology of the pterygopalatine ganglion. (from "Otolar. Polska," no. 1, 1958). Zhur. ush., nos. i gorl. bol. 20 no. 1:89 Ja-F '60.

NERVES, PERIPHERAL
Conditions determining the character of interoceptive influences on the course of the process of recuperation in the spinal cord. S. A. Tapin. Fiziol. zhur. 47 no. 5:582-590 My '61.
Dependence of mitotic activity of the epithelium of crypts of the small intestine on the state of the nervous system [with summary in English]. L. I. Omel'ianenko. Biul. eksp. biol. i med. 51 no. 1:86-90 Ja '61.

VES, PERIPHERAL (Continued)

uence of the central nervous system on the conduction te of excitation in a peripheric nerve Report No 2 Sh Khairnova, Nauch dokl vys shkoly, biol nauki 2 87-92 '61

thomorphology of the peripheral receptors and synapses" by D. IU. Gusel'nov Reviewed by V Kupriianov rkh anat gist i embr 38 no 3 105-106 Mr '60

stficity of the nerve structures of the peripheral nervous system E K Plechkova Vest. AMN SSSR 14 o. 1 52-57 '59

me data from electron microscope investigations of he ultrastructure of the peripheral nerve fibers in he frog V I. Bolovinglin TSitologiia 2 no 2 36-113 Mr-Ap '60

VES, PERIPHERAL—DISEASES

eatment of pains in diseases of the peripheral nerves ith modulated currents of low alternating frequency A Diiseev Vop psikh i nevr no 3 239-247 '59

VES, PERIPHERAL—TUMORS

peripheral neurinomas I A Pokid'ko Vop neirokhir 25 no 3 51-53 My-Je '61

VES, PERIPHERAL—WOUNDS AND INJURIES

anges in the peripheral nerves in connection with the ncorrect placement of a primary suture N A Iozefovich Vop neirokhir 25 no 3 1-5 My-Je '61

VES, SPINAL—DISEASES

mbosacral radiculitis caused by herniation of the nter vertebral disks and their surgical treatment B N Dzerev Vop neirokhir 25 no 3 21-26 My-Je 61

eatment of radiculitis, N. IA. Gol'denvandi. Fel'd, i kush. 25 no. 4:49-50 Ap '60.

VOUS SYSTEM

kademiia meditsinskikh nauk SSSR, Moscow, Institut eksperimental'noi meditsiny. [Transactions of the Institute for Experimental Medicine. Investigations in he evolution of nervous activity] Issledovaniia po evoliutsii nervnoi deiatel'nosti; trudy. Pod red. D. A. Biriukova. Leningrad, 1959. 232 p.

se of over-exertion of the mobility of the nervous rocesses in the cortical representation of an acid eflex [with summary in English]. A. A. Travina. Zhur. vys. nerv. deiat. 10 no. 2, 262-269 Mr-Ap '60.

ntral effects of gangliolytic quaternary ammonium erivatives [with summary in English]. M. I. Farakhovskii. Farm. i toks 24 no. 1 8-13 Ja-F '61.

rtain trends of research on the ontogenesis of the entral nervous system in animals N M Vavilova nd others. Usp sovr biol 19 no 1 101-111 Ja-F 60.

hange in higher nervous activity in dogs following exclusion of both anterior cerebral arteries [with summary in English]. A. S. Kuklina. Zhur. vys. nerv. deiat. 10 no. 2 246-251 Mr-Ap '60.

hange in the functional condition of peripheral nerves and muscles in the formation of dominance in the spinal cord. Report No. 1 Influence of cerebrospinal dominance on the parameters of excitability in nerve and muscle. F. D. Sheikhon, G. V. Nikishin. Biul. eksp. biol. i med. 50 no. 10:16-23 O '60.

hanges in the nervous system in internal frontal hyperostosis. Z. P. Panfilova. Vop. psikh. i nevr no. 5 300-301 '59.

Development of the central nervous system," edited by S. A. Sarkisov and N. S. Preobrazhenskaia Reviewed by B. N. Klosovskii, E. N. Kosmarskaia Arkh anat gist i embr 39 no 11 116-119 N '60

Ecological physiology of nervous activity" by D. A. Biriukov. Reviewed by A. D. Slonim. Zhur. ob. biol. 22 no. 2:158-160 Mr-Ap '61.

Ecological physiology of the nervous activity" by D. A Biriukov. Reviewed by A B. Kogan Fiziol zhur 47 no. 3, 412-414 Mr '61.

ffect of phytoncides of garlic, onion and birdcherry on the deparabiotizing activity of nervous centers. M B Razumovich, V. N. Margolin. Nauch dokl vys. shkoly, biol nauki no 2, 107-115 '61.

ffect of the functional state of the central nervous system on bromide distribution in various organs and tissues of white rats [with summary in English]. I. N. Verkhovskaia, L. M. TSofina Biul. eksp. biol. i med. 51 o. 1, 50-54 Ja '61.

ffect of 2-(p-aminophenyl)-N-(α-methylphenethyl)-cetamide (IEM-368) on the central nervous system nd its antagonistic relationship with phenamine. E. B. Babkov, U Su-zhui [Wu Su-jui]. Farm. i toks. 24 o. 1, 22-30 Ja-F '61.

nctional interaction of analysor systems. S. D Amirom. Dokl. AN SSSR 138 no. 4, 974-976 Je '61

luman neuroanatomy" by Strong and Elwyns Reviewed by L. Kukuev Zhur. nevr. i psikh 60 no 3, 376-377 '60.

ividual characteristics of the reactivity of the organism nd the toxic infection process. S. I. Vovk. Fiziol. zhur. Ukr.] 7 no. 3, 409-416 My-Je '61.

fluence of typological peculiarities of the higher nervous activity and of other nonspecific factors on the rise of lead intoxication. B. A. Alchabarov, N. P. Shestakova Trudy Inst. kraev. pat. AN Kazakh. SSR 8:124-129 '60.

Infusoria and nerves Znan ta pratsia no 2, 14 F '61

Irradiation of respiratory impulses to the vascular system in disorders of nervous activity. K V Stroikova. Pat fiziol i eksp. terap. 5 no 2, 63 Mr-Ap '61

Parabiotic nature of the nervous system is reaction in the development of intoxication in gas gangrene [with summary in English]. S V Magaeva. Biul. eksp. biol. i med. 49 no. 2, 68-72 F '60

Pathways of entrance of tetanus toxin into the central nervous system and some problems in the pathogenesis of experimental tetanus. Report No 1. Experiments on white rats [with summary in English]. G N Kryzhanovskii and others. Biul. eksp. biol i med. 51 no. 3, 12-19 Mr '61.

Pediatricheskii meditsinskii institut. [Problems in the general and age-related physiology of the nervous system] Voprosy obshchei i vozrastnoi fiziologii nervnoi sistemy Pod red. D. G Kvasova. Leningrad, 1960 200 p

Relation between neurodystrophic and neurocompensatory processes in the body's response to extraordinary stimuli. O IA Ostryi. Vest AMN SSSR 14 no. 1 29-35 '59

Relationship between central and peripheral cholinolytic effects of certain complex esters of diethylaminoethanol and aromatic acids [with summary in English]. P. P. Denisenko Biul eksp biol. i med. 51 no 3 72-76 Mr '61.

Significance of inhibition of the central nervous system in anoxia [with summary in English]. V A Konstantinov Pat fiziol i eksp terap 4 no 2 58-62 Mr-Ap '60

Some features of the higher nervous activity of adult animals subjected to ionizing radiations during intrauterine development. Report No 3 Status of the higher nervous activity of adult white mice irradiated with X-rays during the preimplantation stage of antenatal development [with summary in English]. I. A. Pivnitovskii, M B. Gol'dberg, V. P Mikhailovskii Biul. eksp. biol. i med. 51 no. 1 27-31 Ja '61.

Specific antigens of the central nervous system [with summary in English] A V Sokolov Pat fiziol i eksp terap 4 no. 2 23-26 Mr-Ap '60

Study of the higher nervous activity in patients with chronic lead poisoning as revealed by material from the Alma-Arasan Health Resort. M. I. Stychinskaia. Trudy Inst. kraev. pat. AN Kazakh. SSR 8, 118-123 '60.

Thresholds of nerve stimulation with alternating and pulsating direct current of different frequency in electrotonus I S Rakhmilovich Fiziol zhur 47 no 2, 253-257 F '61.

The tremograph as a means of appraising the functional state of an athlete's central nervous system V. A Sofonov Teor i prak fiz kul't 24 no 1 295-297 '61

Use of a stereotype from two stimuli for determination of the type of nervous system in dogs [with summary in English]. V. N. Bandina. Zhur. vys. nerv. deiat. 10 no. 2:223-230 Mr-Ap '60.

NERVOUS SYSTEM—AMPHIBIA

Development and structure of the medial eminence of the neurohypophysis in amphibians. A. A. Voitkevich. Dokl AN SSSR 138 no. 2 481-484 My '61.

NERVOUS SYSTEM—ARTHROPODA

Comparative pharmacological analysis of the sensitivity of stretch receptors to chemical agents [with summary in English]. B. Tasmukhamedov. Zhur. ob. biol. 22 no. 2: 144-145 Mr-Ap '61.

NERVOUS SYSTEM—DEGENERATION AND REGENERATION

Case of partial regeneration of nerve conductors in sectioned spinal cord in dogs [with summary in English] T N. Nesmelonova, F A. Brazovskaia, L. N Iordanskaia. Fiziol. zhur 46 no. 2 202-209 F '60

NERVOUS SYSTEM—DISEASES

Asthenic states and vegetative disfunctions developing in connection with a history of influenza [with summary in French] IU S. Martynov. Zhur nevr i psikh. 60 no 11:1410-1415 '60.

Clinical aspects of neural lesions in rheumatism [with summary in French]. T G. Gloriozova Zhur nevr. i psikh 60 no 3 262-269 '60.

Collagen diseases in neurological and psychiatric clinical practice [with summary in French]. V V. Mikheev, L. M. Dukhovnikova, T A Nevzorova Zhur nevr. i psikh 60 no. 3 257-261 '60.

Current problems in studying hereditary diseases of the nervous system. S N. Davidenkov. Vest. AMN SSSR 14 no. 5 61-69 '59.

"Exercise therapy in the clinical aspects of nervous diseases" by V N. Moshkov. Reviewed by O. A. Sheinberg, S. M Petelin. Vop. kur., fizioter. i lech. fiz. kul't 26 no 1 83-84 '61

"Neurological syndromes in rheumatic fever and in so-called collagen diseases" by I. Hausmanowa-Petrusewicz, E. Hermon. Reviewed by I Stankevich Zhur. nevr. i psikh 60 no 3, 377-378 '60

Neuroses in children. I. I. Turovskii. Med. sestra 20 no. 3:10-14 Mr '61.

"Quantitative histology" of wallerian degeneration [with summary in English] I. F. Ivanov. Arkh. anat gist. i embr. 40 no. 3:3-15 Mr '61.

Some methodological materials on the psychoprophylaxis of neuroses in children Report no. 1 S G Gainberg Vop psikh i nevr no 5 261-269 '59

Vitamin B_{12} treatment of nervous system diseases N N Kolotova V M Bil'-Bylinskaia Vop psikh i nevr no 5 103-109 '59

NERVOUS SYSTEM—INSECTS

Effect of β-hydroxy-γ-aminobutyric acid on the bioelectric activity of ganglia of the isolated nerve chain in lepidopterans S. M Vereshchagin, I A Sytinskii, V P Tyshchenko Dokl. AN SSSR 138 no 3 727-730 My '61

Growth of ganglia of the central nervous system of the Chinese tussah moth (Antheraea pernyi Guér., Lepid.) in the course of its individual development [with summary in English]. A A Ianov Zool zhur 40 no 5 691-706 '61

NERVOUS SYSTEM—SURGERY

Anesthesia in children in neurosurgery. V. A. Kozyrev. Akt. vop. obezbol. no. 2 69-70 '59.

NERVOUS SYSTEM—WOUNDS AND INJURIES

Regeneration of nerve fibers in secondary trauma of the nerve trunks I. I Falin Vop neirokhir 25 no 3 5-12 My-Je '61

Stefantsov, B. D. [Influence of the sympathetic nervous system on function in a damaged central nervous system] Vliianie simpaticheskoi nervnoi sistemy na funktsional'noe sostoianie povrezhdennoi tsentral'noi nervnoi sistemy. Moskva, Izd-vo Akad. nauk SSSR, 1961. 182 p.

NERVOUS SYSTEM, AUTONOMIC

Effect of ganglionic-blocking agents on the conduction rate of nervous stimuli in the sympathetic ganglia [with summary in English] D A Kharkevich Biul. eksp. biol. i med. 49 no 3, 61-64 Mr '60.

Effect of the autonomic nervous system on the absorption of radioactive phosphorus from the pleural cavity. V R Faitel'berg-Blank Fiziol zhur. 47 no. 3:325-328 Mr '61.

NERVOUS SYSTEM, PARASYMPATHETIC

Changes in the lability of smooth muscle during the stimulation of sympathetic and parasympathetic nerves [with summary in English]. R. S. Orlov, Kh. S. Khamitov. Biul. eksp. biol. i med 49 no. 2, 22-26 F '60.

NERVOUS SYSTEM, SYMPATHETIC

Changes in the lability of smooth muscle during the stimulation of sympathetic and parasympathetic nerves [with summary in English] R S. Orlov, Kh. S. Khamitov Biul. eksp biol i med. 49 no 2 22-26 F '60.

Condition of the sympathetic nervous system and muscular efficiency during a prolonged period following removal of the lung in tuberculosis [with summary in French]. V. P. Gnilev. Probl. tub. 38 no. 3:83-88 '60.

Postactivation facilitation in the superior cervical sympathetic ganglion of cats [with summary in English] A. I. Shapovalov Fiziol. zhur 46 no 2 185-193 F '60

Stefantsov, B. D. [Influence of the sympathetic nervous system on function in a damaged central nervous system] Vliianie simpaticheskoi nervnoi sistemy na funktsional'noe sostoianie povrezhdennoi tsentral'noi nervnoi sistemy. Moskva, Izd-vo Akad. nauk SSSR, 1961. 182 p.

Structure of the sacral segment of the sympathetic trunk in human embryogenesis [with summary in English]. D. M. Golub. Arkh anat. gist i embr. 40 no 4:62-71 Ap '61.

True sympathetic reflexes. I. A. Bulygin, I. I. Belorybkina, M. P Kul'vanovskii. Fiziol. zhur. 47 no 3:285-292 Mr '61

NERVOUS SYSTEM, SYMPATHETIC—DISEASES

Histopathology of the temporal bones and cervical sympathetic ganglia in latent otitis, antritis, and mastoiditis in young children [with summary in English]. A. D. Gurkov. Zhur. ush., nos. i gorl. bol. 20 no. 1:43-47 Ja-F '60.

NERVOUS SYSTEM, SYMPATHETIC—SURGERY

Effect of removal of the superior cervical sympathetic ganglion on the thyroid gland artery [with summary in English] N. B. Likhacheva. Arkh. anat gist i embr. 39 no. 7 63-68 Jl '60.

NERVOUS SYSTEM, VASOMOTOR

Correlation of the basic and vasomotor components of vascular resistance in certain organs. V. M. Khalutin. Dokl. AN SSSR 138 no. 2:488-491 My '61.

NESTOR, ANNALIST, d. 1115?

Nestor as a writer I P. Eremin. Trudy ODRL 17 54-64 '61

NETHERLANDS—PEAS—VARIETIES

Garden pea varieties in the Netherlands [with summary in English]. R. Kh. Makasheva. Trudy po prikl. bot., gen. i sel. 32 no. 3:254-261 '60.

NETWORKS, DELAY see Delay networks

NEURAMINIC ACID
Recent data on neuraminic acid and sialic acid and their biological significance S M Bychkov Usp sovr biol 49 no 1 3-18 Ja-F '60

NEURASTHENIA
Characteristics of conditioned neurological processes in neurasthenia [with summary in English]. Z V.Beliaeva Zhur.vys.nerv.deiat. 11 no 1 31-36 Ja-F '61

NEUROLOGY see subdivision under United States

NEUROLOGY—STUDY AND TEACHING
Immediate problems in the training of neuropathologists N K Bogolepov Zhur nevr i psikh 60 no 11 1387-1399 '60

NEUROPSYCHIATRY see subdivision under Bulgaria

NEUROSES
Effect of the functional state of the nervous system on the therapeutic effect of synthomycin on dysentery in mice [with summary in English]. S. D Voropaeva, M A Frolova Pat fiziol i eksp terap 4 no 2 44-47 Mr-Ap '60
Experimental neuroses in animals [with summary in English]. V. Novakova, Zhur vys nerv deiat 11 no 1 151-156 Ja-F '61

NEUROSURGICAL SOCIETIES
Brief news T. A. Nevzorova. Zhur nevr i psikh 60 no 3 378-379 '60

NEUTRINOS
Elusive neutrino. B. Pontekorvo. Znan. sila 36 no. 2:13-18 F '61.

NEUTRINOS—SCATTERING
Production of a neutrino electron-positron pair in the field of a nucleus. A. M. Badalian, Chzhou Guan-chzhao [Chou Kuang-chao]. Zhur. eksp. i teor. fiz. 38 no. 2. 664-665 F '60.

NEUTRONS
Angular distribution of neutrons in the reaction C^{13} (d, n) N^{14}. T. L. Abelishvili, T. G. Gachechiladze, O. M. Midvani. Zhur. eksp. i teor. fiz. 38 no.2 631-633 F '60.
Cross section of the (n, 2n) reaction on C^{12}, N^{14}, O^{16} and F^{19} in the energy range 10-37 Mev O D. Brill' and others Dokl AN SSSR 136 no. 1.55-57 Ja '61
Distribution of neutrons in media with a cylindrical interface and an off-axis source. A. E. Glauberman, V. B. Kobylianskii, I. I. Tal'ianskii. Atom. energ. 10 no. 5 513-515 My '61.
Fast-neutron burst reactor. G. E. Blokhin and others. Atom. energ. 10 no. 5.197-446 My '61.
Measurements of the spectra and temperature of a neutron gas in a graphite-water reactor. E. IA. Doil'nitsyn, A. G. Novikov. Atom. energ. 10 no 5.517-519 My '61.
Neutron radiation of the earth [with summary in English]. V. V. Cherdyntsev and others. Geokhimiia no. 3:261-267 '60.
Passage of 0.5 and 1.0 Mev neutrons through water in a mixture of water with a heavy component. V. I. Kukhtevich, B. I. Sinitsyn. Atom. energ. 10 no. 5:511-513 My '61.
Production and use of polarized resonance neutrons. A. D. Gul'ko, IU. V. Taran. Atom. energ. 10 no. 5 506-508 My '61.
Scintillating glasses with an increased light yield for the detection of neutrons. V. K. Voitovetskii, N. S. Tolmacheva. Atom. energ. 10 no. 5.504 My '61.
Some problems in the theory of neutron logging by the use of a pulse neutron generator. V. F. Zakharchenko. Izv. AN SSSR. Ser. geofiz. no. 6:847-854 Je '61.
Space-energy distribution of neutrons in a borehole - stratum system. O. A. Barsukov, V. S. Avzianov. Atom. energ. 10 no. 5:478-486 My '61.

NEUTRONS—CAPTURE
Circular polarization of γ-quanta accompanying the capture of slow neutrons by a nucleus [with summary in English]. D. P. Grechukhin. Zhur. eksp. i teor. fiz. 38 no. 2:621-630 F '60.
Radiative capture cross-section of 0.03-2 Mev neutrons for the isotopes Mn^{55}, Cu^{65}, Ba^{138}, Th^{232}. IU. IA. Stavisskii, V. A. Tolstikov. Atom. energ. 10 no. 5:508-511 My '61.
Spectra of gamma rays produced in the capture of thermal neutrons by heavy nuclei Part 1. [with summary in English]. L. V. Groshev, A. M. Demidov, V. I. Pelekhov. Zhur. eksp. i teor. fiz. 38 no. 2:588-597 F '60.
Spectra of gamma rays produced in the capture of thermal neutrons by heavy nuclei. Part 2 [with summary in English]. V. M. Strutinskii, L. V. Groshev, M. K. Akimova. Zhur. eksp. i teor. fiz. 38 no. 2:598-611 F '60.

NEUTRONS—SCATTERING
Schwinger effect with consideration of shielding of a nucleus with atomic electrons. V. M. Koprov. Zhur. eksp. i teor. fiz. 38 no. 2.639-641 F '60.
Time formalism in the Born approximation theory of neutron scattering by a substance. IU. A. Izumov. Fiz. met. i metalloved. 11 no. 5.801-803 My '61.

NEVA BAY—SEDIMENTATION AND DEPOSITION
Examples of a low sedimentation rate of open gats N. D Shishov Trudy Okean kom 8 114-117 '61

NEVEL'SKOY STRAIT—DAMS
Barrier in the way of cold, change in climate in the area of Nevel'skoy Strait. N. M. Budtoliev. Priroda 50 no. 6 77-81 Je '61.

NEWS BROADCASTS see Television broadcasting of news

NEWS PHOTOGRAPHERS
(see also subdivision under Moldavia)
In the Association of Journalists. Sov. foto 21 no. 5:44 My '61.
Results and future plans. A. Ditlov. Sov. foto 21 no. 5: 26-27 My '61.

NEWSPAPER AND PERIODICAL CIRCULATION
(see also subdivision under Kara Kalpak, Kurgan Province, Latvia, Leningrad, Lithuania; Moscow, Novosibirsk, Poltava Province, Smolensk Province; Stavropol Territory; Ukraine, Virgin Territory)
Advertise periodicals better. I. Svistunov. Raspr. pech no. 3 15 Mr '61.
. at the plant. Z. Makarova. Raspr pech no. 1:8-9 Ja '61
Continually improve the distribution of printed matter in rural areas. Raspr pech no 4 1-2 Ap '61
Delivery cards should not be sent to the communications office. Raspr pech. no. 4:15 Ap '61.
Difficulties are left behind. N. Mozhaitsev. Raspr pech no. 1 21-2? Ap '61
Everybody knows her. V. Popov. Raspr. pech. no. 1:6-7 Ja '61.
Extend competition in honor of the 22d party congress. Raspr. pech. no. 3:1-2 Mr '61.
First results of the new year's subscription campaign. M. Razorenov. Raspr. pech. no. 1:1-2 Ja '61.
In the metallurgical combine. V. Krylov. Raspr. pech. no. 1:9-10 Ja '61.
Letters to the editor Raspr. pech. no. 4.12-13 Ap '61
Make bolder and broader use of all forms of propaganda for newspapers and periodicals. G. IUdin. Raspr. pech. no. 3:12-13 Mr '61.
New procedure for accounting and financing the expenses of the Press Union. A. Glushkov. Raspr. pech. no. 1: 23 Ja '61.
Newspapers and periodicals for youth. I. Svistunov. Raspr. pech. no. 1 3 Ja '61.
Put an end to the seasonal feature in advertising. Raspr. pech. no. 3:10-11 Mr '61.
Reducing remainder of stock N. Kilizhniak. Raspr pech. no. 4:18 Ap '61.
Subscribers in our collective farm. V. Mikhalev. Raspr. pech. no. 3:6 Mr '61.
Woman shock worker of communist labor. E. Vinokurova. Raspr. pech. no. 1:12-13 Ja '61.
A word about collective-farm postmen A. Voropai Raspr. pech. no 4:8-9 Ap '61

NEWSPAPER AND PERIODICAL CIRCULATION—CONGRESSES
Inter-republic conference in Minsk. Raspr pech. no. 4: 16-17 Ap '61.

NEWSPAPERS
Newspaper composition isn't simply a technical matter. Sov. pech. no. 6:34-36 Je '61.
Our hearts beat together. A. Tkachenko. Sov. pech. no. 5: 14-16 My '61.
Style and form. Gr. Oganov, A. Blinov. Sov. pech. no. 6: 32-33 Je '61.

NEWSPRINT
Improving the quality of newsprint. S. B. Vilents. Bum. prom. 36 no. 5:4-6 My '61.
Paper and circulation. B. Mikhailov. Sov. pech. no. 6: 44-45 Je '61.

NEZHDANOVSKII, SERGEI SERGEEVICH, 1880-1940
New data on S. S. Nezhdanovskii's works on aeronautics. A. I. IAkovlev. Trudy Inst ist. est. i tekh. 38:221-240 '61

NEZVAL, VITESLAV, 1900-1958
Beginning of the road; the poetry of Vitesiav Nezval written during the 1920's. L. N. Budagova. Lit. slav. nar. no. 5:78-123 '60.

NICARAGUA—POLITICS AND GOVERNMENT
Nicaraguan youth struggles Solomon Pueblo. Vsem stud. mov. 15 no 2:9-10 F '61.

NICARAGUA—STUDENTS' SOCIETIES
Nicaraguan youth struggles Solomon Pueblo Vsem stud. mov. 15 no 2 9-10 F '61.

NICHOLAS, Bishop of Methone
Council of Constantinople in 1157 and Nicholas, Bishop of Methone. Priest-Monk Pavel (Cheremukhin), Bog. trudy no. 1:87-109 '60.

NICKEL
Nickel potential of the weathering surface of ultrabasic rocks I. I. Fidel'shtein Razved. i okh. nedr 27 no 2 25-27 F '61.

NICKEL—ANALYSIS
Determination of palladium and nickel, and also palladium and copper in a single sample [with summary in English]. A S Pesis Zhur. anal. khim. 16 no. 2:253-254 Mr-Ap '61.

NICKEL—CORROSION
Investigating the mechanism of the reaction diffusion in the system nickel - sulfur. A. Briukman, S. Mrovets, T. Verber. Fiz. met. i metalloved. 11 no. 5:704-708 My '61.

NICKEL—ELECTROMETALLURGY
Possibility of preparing cathodic nickel with a 0.0003-0.0005 percent of lead content V F. Borbat, V P. Krasnonosov TSvet met 34 no. 5 70-72 My '61

NICKEL—METALLOGRAPHY
Effect of crystal properties and substructure on the metal strength Part 2 Iron and nickel V. M. Kardonskii, G. V. Kurdiumov, M. D. Perkas. Fiz. met. i metalloved. 11 no. 4 615-619 Ap '61.

NICKEL—OPTICAL PROPERTIES
Magnetooptical resonance in nickel on ultraviolet frequencies G S Krinchik, A A Gorbachev. Fiz. met. i metalloved 11 no 2:201-206 F '61

NICKEL—PHYSIOLOGICAL EFFECT
Biogeochemical provinces rich in nickel and copper. A. D. Gololobov. Trudy Biogeokhim. lab. no. 11:178-188 '60.

NICKEL—WELDING
Ceramic ZhN-1 flux for automatic and semiautomatic arc welding of nickel. K. V. Bagrianskii, G. S. Kuz'min. Avtom. svar. 14 no. 5 79-85 My '61.

NICKEL ALLOYS
Diffusion of nickel in a nickel-molybdenum alloy in an electric field [with summary in English] D F Kalinovich and others Inzh -fiz. zhur 4 no 5 108-110 My '61

NICKEL ALLOYS—METALLOGRAPHY
X-ray investigation of multicomponent solid solutions of nickel. L. I. Piiakhina, A. IA. Snetkov, L. A. Riabtsev. Fiz. met. i metalloved. 11 no. 5:670-676 My '61.

NICKEL CATALYSTS see Catalysts, Nickel

NICKEL-CHROMIUM ALLOYS—METALLOGRAPHY
Constitutional diagram of the nickel - chromium system. B. M. Vasilutinskii, V. S. Kogan, G. N. Kartmazov. Fiz met. i metalloved. 9 no. 4 558-563 Ap '60.
Studying the state of the solid solution of EI437A alloys during aging. M. P. Arbuzov, M. I. Gitgarts. Fiz. met. i metalloved. 11 no. 4 568-574 Ap '61.

NICKEL-CHROMIUM ALLOYS—THERMAL PROPERTIES
Temperature-time relation of the resistance to deformation of nichrome in the field of existence of the k-state V F. Sukhovarov Fiz. met i metalloved 11 no. 2:302-306 F '61.

NICKEL-CHROMIUM-TITANIUM ALLOYS—HARDENING
X-ray investigation of the precipitation phase in the EI437A alloy during aging. M. P. Arbuzov, M. I. Gitgarts. Fiz. met. i metalloved. 11 no. 5:664-669 My '61.

NICKEL COMPOUNDS
Calculating the structure of layers in nickel dimethylglyoximate crystals under the theory of close packing of molecules. P. M. Zorkii, M. A. Porai-Koshits. Dokl. AN SSSR 138 no. 2:355-357 My '61.

NICKEL-COPPER ALLOYS see Copper-nickel alloys

NICKEL FERRATE
Relation between the magnetic properties and the sensitivity of magnetostrictive receivers made of nickel-zinc ferrites. A. D. Sokolov, IA. S. Shur. Akust. zhur. 6 no. 1:131-133 '60.

NICKEL-IRON ALLOYS see Iron-nickel alloys

NICKEL-IRON-MOLYBDENUM ALLOYS see Molybdenum-nickel-iron alloys

NICKEL-MAGNESIUM ALLOYS see Magnesium-nickel alloys

NICKEL-MANGANESE ALLOYS see Manganese-nickel alloys

NICKEL-MOLYBDENUM ALLOYS
Nickel-molybdenum and nickel-silicon acid-resistant alloys. I. N. IUkalov, G. N. Shumratova. Khim. mash. no. 3:28-31 My-Je '60.

NICKEL ORES
Metallogenic provinces of copper-nickel mineralization [with summary in English]. M. N. Godlevskii. Sov. geol. 4 no. 3:7-22 Mr '61.

NICKEL OXIDE

Chemical adsorption of gases on nickelous oxide and its solid solutions. L. N. Kutseva, N. P. Keier. Probl. kin. i kat. 10 82-86 '60.

Effect of superstoichiometric oxygen on the catalytic, adsorptive, and electrical properties of nickelous oxide. L. N. Kutseva. Dokl. AN SSSR 138 no. 2 409-411 My '61.

X-ray and magnetochemical study of coprecipitated $NiO-Al_2O_3$ catalysts. A. M. Rubinshtein, V. A. Akimov, A. A. Slinkin. Probl. kin. i kat. 10 95 '60.

NICKEL PLATING

Automatic unit for chemical nickel plating of parts. N. N. Maslov. Biul. tekh.-ekon. inform. no. 4:13-15 '61.

Determination of the thickness of lustrous nickel coatings obtained by the flow method. G. S. Vozdvizhenskii, R. S. Saifullin, S. G. Bagautdinova. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 2 258-260 '61.

Formation of "black nickel" deposits [with summary in English]. A. G. Samartsev, N. V. Andreeva. Zhur. fiz. khim. 35 no. 4, 892-899 Ap '61.

Magnetic properties of nickel depositions obtained by the method of chemical nickel plating. N. V. Kotel'nikov, V. I. Gachegov. Izv. AN SSSR, ser. fiz. 25 no. 5:656-659 My '61.

Nickel plating type-metal stereotypes in an ultrasonic field. Iu. M. Bystrov and others. Poligr. proizv. no. 3:13-15 Ap '61.

Using solid nickel to plate stereotypes. R. F. Romissarova, L. I. Loshakova. Poligr. proizv. no. 1 17-18 Ap '61.

NICKEL-SILICON ALLOYS

Nickel-molybdenum and nickel-silicon acid-resistant alloys. I. N. Ilkaev, G. N. Shamratova. Khim. mash. no. 3 28-31 My-Je '60.

NICKEL STEEL—METALLOGRAPHY

Processes taking place during the tempering of nickel steels. B. M. IAkovlev, B. A. Apaev. Fiz. met. i metalloved. 11 no. 2 261-271 F '61.

NICOTINE—PHYSIOLOGICAL EFFECT

Studies on the mechanism of chemoreception. Report No. 4: Effect of nicotine and acids on intestinal receptors in conditions of modified excitability under the influence of various concentrations of monoiodoacetic acid [with summary in English]. N. A. Anikina. Biul. eksp. biol. i med. 51 no. 3:18-23 Je '61.

NICOTINIC ACID

Influence of treatment with cycloserine on vitamin B_6 and nicotinic acid metabolism [with summary in French]. V. D. Gol'dshtein. Probl. tub. 38 no. 3: 46-53 '60.

NIGERIA—MINERS

The condition of Nigerian miners in the first years after the Second World War and events in Enugu, November, 1949. Iu. P. Mader. Krat. soob. Inst. vost. no. 11 74-87 '59.

NIGHT FIGHTING (MILITARY SCIENCE)

Night firing with sight attachments. V. Bolcev. Voen. vest. 40 no. 10:90-95 O '60.

NIGHT SKY

Akademiia nauk SSSR. Mezhduvedomstvennyi komitet po provedeniiu Mezhdunarodnogo geofizicheskogo goda. [Spectral, electrophotometrical and radar research of auroras and night airglow; collected articles. Section 4 of the program of the international Geophysical Year (aurorae and night airglow)] Spektral'nye elektrofotometricheskie i radiolokatsionnye issledovaniia poliarnykh siianii i svecheniia nochnogo neba, sbornik statei. IV razdel programmy MGG (polliarnye siianiia i svechenie nochnogo neba). Moskva. [In Russian with summaries in English.] No. 6. 1961. 58 p.

NIGHT WATCHMEN see Watchmen

NIGHT WORK

Night work. L. Muksinova. Okhr. truda i sots. strakh. 4 no. 5:57 My '61.

NIGHTINGALES see subdivision under Zeravshan Valley

NIKEL' REGION—OIL FIELDS—EQUIPMENT AND SUPPLIES

We are utilizing old equipment. V. A. Sidorovskii. Neftianik 6 no. 5:30 My '61.

NIKIFOROVSKII, NIKOLAI IAKOVLEVICH, 1845-1910

Bondarchuk, V. K., and I. G. Chigrinov. [Nikolai IAkovlevich Nikiforovskii; study of his life and work] Nikolai IAkovlevich Nikiforovskii; ocherk zhizni i deiatel'nosti. Minsk, Izd-vo AN BSSR, 1960. 103 p.

NIKITIN, IVAN SAVVICH, 1824-1961

I. S. Nikitin. P. Lipatov. V mire knig 1 no. 3:28 Mr '61.

NIKITIN, PETR ALEKSEEVICH, 1890-1950

In memory of Petr Alekseevich Nikitin. P. I. Dorofeev. Bot. zhur. 45 no. 4:619-624 Ap '60.

NIKOLAI V—MENINGITIS

Clinical aspects of serous meningitis caused by Coxsackie viruses [with summary in French]. I. A. Kurichinskaia, G. F. Kolesnikov, B. G. Krasnov. Zhur. nevr. i psikh. 60 no. 1 273-279 '60.

NIKOLAIEVSKIY (URAL MOUNTAIN REGION)—MINING ENGINEERING

Method of working the Nikolaevskiy deposit. P. I. Gorodetskii and others. Gor. zhur. no. 1 15-21 Mr '60.

NIKOLAI, Bishop of Kimry, 1882-1961

Bishop Nikolai, obituary. N. Khar'kuzov. Zhur. Mosk. Patr. no. 5 41 My '61.

NIKON, Patriarch of Moscow, 1605-1681

The Nikon school of songs in the form of verse. A. V. Pozdneev. Trudy ODRL 17 419-428 '61.

NIOBIUM

Geochemistry of tantalum and niobium. M. V. Kuz'menko. Trudy Inst. min., geokhim. i kristallokhim. red. elem. no. 3 3-25 '59.

Metastable hydride phase in the niobium - hydrogen system [with summary in English]. G. V. Samsonov, M. M. Antonova. Zhur. fiz. khim. 35 no. 4:900-904 Ap '61.

"Tantalum and niobium" by G. V. Samsonov, V. I. Konstantinov. Book review by IA. Vatsek [translated from Czech]. TSvet. met. 34 no. 5 80-81 My '61.

Use of niobium as an indicator electrode in potentiometric analysis. V. S. Galinker. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 2 189-192 '61.

NIOBIUM—ANALYSIS

Determination of niobium in cast iron. A. I. Ponomarev, A. IA. Sheskol'skaia. Trudy Inst. met. no. 4 240-242 '60.

Determination of small amounts of niobium in ores containing titanium, tungsten, molybdenum, and chromium [with summary in English]. V. M. Dorosh. Zhur. anal. khim. 16 no. 2 250-252 Mr-Ap '61.

NIOBIUM—ISOTOPES

Investigating the β-radiation of Nb^{95} and Ce^{144} by absorption in the air. N. E. TSvetaeva, L. A. Rosenfel'd. Zhur. eksp. i teor. fiz. 38 no. 2 641-643 F '60.

NIOBIUM COMPOUNDS

Separation of niobium and tantalum by the extraction of a niobium N-benzoylphenylhydroxylamine complex. I. P. Alimarin, O. M. Petrukhin, Tsze IUn'-sian (Chien Yün-hsiang). Dokl. AN SSSR 136 no. 5 1073-1074 F '61.

NIOBIUM OXIDE—SPECTRA

Spectrochemical determination of small amounts of aluminum and silicon in niobium pentoxide [with summary in English]. T. M. Moroshkina, G. T. Malinin. Zhur. anal. khim. 16 no. 2 245-247 Mr-Ap '61.

NIOBIUM PHOSPHATE

Niobium phosphate and its hydrates. A. P. Shtin. Izv. Sib. otd. AN SSSR no. 3, 68-71 '61.

NIOBIUM-TUNGSTEN ALLOYS see Tungsten-niobium alloys

NITRATES

Polarography of nitrates. S. I. Zhdanov. Zhur. fiz. khim. 34 no. 4 926-930 Ap '60.

Use of ion exchange resins for determining nitrates in waters. I. K. TSimovich. Zhur. prikl. khim. 33 no. 10: 2362-2364 O '60.

NITRATES—ELECTRIC PROPERTIES

Electric conductivity of the melts of some nitrates and their mixtures [with summary in English]. P. I. Protsenko, N. P. Popovskaia. Zhur. fiz. khim. 35 no. 4 867-870 Ap '61.

NITRATION

Nitration of 1-methylanthraquinone. V. IA. Fain, Val. L. Plakidin. Zhur. ob. khim. 31 no. 5 1588-1589 My '61.

Nitration products of α- and α'-aminonicotines. IA. L. Gol'dfarb, I. V. Antik, V. A. Petukhov. Izv. AN SSSR Otd. khim. nauk no. 5:887-894 My '61.

NITRIC ACID

Effect of temperature on the extraction of nitric acid with tributyl phosphate. N. M. Adamskii and others. Radiokhimiia 2 no. 1:13-19 '60.

NITRIDES—SPECTRA

Emissivities of some powdered high-melting compounds. T. I. Serebriakova, IU. B. Paderno, G. V. Samsonov. Opt. i spektr. 8 no. 3:410-412 Mr '60.

NITRIFICATION

Intensity of nitrification processes in Chernozem soils depending on the degree of compactness [with summary in English]. A. I. Shevliagin. Pochvovedenie no. 5:96-103 My '61.

NITRILES

Addition of nitrile chloride to acrylic and methacrylic acids and their derivatives. S. S. Novikov, G. A. Shvekhgeimer, N. F. Piatakov. Izv. AN SSSR Otd. khim. nauk no. 5 911-915 My '61.

Formation of substituted pyrazoles in the reaction of sydnones with α β-unsaturated nitriles. V. F. Vasil'eva, V. G. IAshunskii, M. N. Shchukina. Zhur. ob. khim. 31 no. 5 1501-1504 My '61.

Hydrogenation of nitriles. A. M. Sokol'skaia and others. Izv. AN Kazakh. SSR Ser. khim. no. 2 94-100 '60.

NITRITES

Exchange method for the determination of nitro-esters. M. S. Shumber, N. IA. TSirenko. Med. prom. 15 no. 3: 12-14 Mr '61.

NITRO COMPOUNDS

Polymerization of ethylene nitrate by gamma rays. V. N. Sokolov and others. Dokl. AN SSSR 138 no. 3 619-620 My '61.

Preparation of nitro compounds from oximes. A. V. Topchiev, N. N. Kaptsov, I. E. Balitskaia. Trudy Inst. nefti 14 90-97 '60.

Synthesis and chemistry of nitroallyl. IU. V. Baskov, V. V. Perekalin. Dokl. AN SSSR 136 no. 5:1075-1078 F '61.

NITROGEN

Radiation oxidation of nitrogen. Part 5. Kinetics of nitrogen oxidation induced by γ-radiation, and the part played by ion recombination [with summary in English]. M. T. Dmitriev, S. IA. Pshezhetskii. Zhur. fiz. khim. 34 no. 4 880-887 Ap '60.

Solubility of acetaldehyde in compressed gases [with summary in English]. D. S. TSiklis, L. I. Shenderei, A. N. Kofman. Zhur. fiz. khim. 34 no. 4 768-772 Ap '60.

Using a mixture of hydrogen and nitrogen for the removal of dissolved oxygen. K. D. Omarova. Zav. lab. 27 no. 5:551 '61.

NITROGEN—ASSIMILATION AND EXCRETION

Changes in the quality and quantity of nitrogenous substances in cabbage species and varieties [with summary in English]. G. A. Lukovnikova. Trudy po prikl. bot., gen. i sel. 32 no. 3:149-168 '59.

NITROGEN—FIXATION

Invisible sisters of the thunderstorm. Nauka i zhizn' 28 no. 4 50 Ap '61.

Some data on the relationship of nitrogen fixation with respiration and oxidative phosphorylation in Azotobacter vinolandii [with summary in English]. G. N. Zaitsev, A. I. Agatova, A. N. Belozerskii. Biokhimiia 26 no. 2:338-349 Mr-Ap '61.

NITROGEN—ISOTOPES

Automatic cascade apparatus for producing the heavy isotope of nitrogen in high concentrations. I. G. Gverdtsiteli and others. Atom. energ. 10 no. 5:467-492 My '61.

Catalysis of isotopic exchange in molecular nitrogen induced by transition metals of the fourth period. A. I. Gorbunov, G. K. Boreskov. Probl. kin. i kat. 10,102-108 '60.

NITROGEN IN THE BODY

Age-related changes in the mineral metabolism and nitrogen content of bone tissues in rats [with summary in English]. N. I. Elkina. Biokhimiia 26 no. 2 212-218 Mr-Ap '61.

NITROGEN METABOLISM

Effect of excision of the thymus gland on various indicators of nitrogen and fat-carbohydrate metabolism in rats. S. G. Gasanov, T. S. IAkusheva. Probl. endok. i gorm. 7 no. 2 23-30 Mr-Ap '61.

Mineral and protein metabolism in the bone tissue in rats after plutonium injury. N. I. Elkina, I. A. TSeveleva. Med. rad. 6 no. 3:58-63 '61.

Nitrogenous extractives in fish muscles [with summary in English]. P. L. Vul'fson. Biokhimiia 26 no. 2:300-304 Mr-Ap '61.

Some features of the chemical integration of processes of nitrogen metabolism. A. E. Braunshtein. Vest. AMN SSSR 14 no. 5 45-60 '59.

Some indicators of nitrogen metabolism in the brain in acute carbon monoxide poisoning [with summary in English]. E. A. Gordienko. Pat. fiziol. i eksp. terap. 4 no. 2:54-58 Mr-Ap '60.

Studies on nitrogen metabolism of wheat in the Far East [with summary in English]. M. G. Zaitseva. Fiziol. rast. 8 no. 3:318-324 '61.

NITROGEN MUSTARDS

Comparative evaluation of the antitumore activity of the antibiotic 6270 and certain preparations from the chlorethylamine group [with summary in English]. O. K. Rossolimo, G. N. Lepeshkina. Antibiotiki 6 no. 1: 39-42 Ja '61.

Histomorphological changes in the skin and its neuroreceptor apparatus in patients with psoriasis treated with antipsoriaticum and psoriasin. L. I. Sych. Vest. derm. i ven. 35 no. 4:28-33 Ap '61.

NITROGEN ORGANIC COMPOUNDS
Akademiia nauk SSSR, Bashkirskii filial, Ufa. Otdel khimii. [Chemistry of sulfur and nitrogen organic compounds in petroleum and petroleum products] Khimiia sera- i azotoorganicheskikh soedinenii, soderzhashchikhsia v neftiakh i neftepoduktakh Ufa Vol. 3, 1960. 337 p

NITROGEN OXIDE—SPECTRA
Transition probability in the γ- and β-systems of NO bands S. P. Erkovich, IU. V. Pisarevskii. Opt. i spektr. 8 no. 3 363-366 Mr '60.

NITROSO COMPOUNDS
Mechanism of reactions between phenylhydrazine and nitroso compounds studied with the aid of N^{15}. B. A. Geller, I. S. Samoilovat. Zhur. ob. khim. 31 no. 5 1681-1684 My '61

NITROSOMONAS
Nitrifying activity of pure and accumulated Nitrosomonas cultures isolated from various natural substrates [with summary in English] O. M. Ul'ianova. Mikrobiologiia 30 no. 1 41-46 Ja-F '61.

NITROUS OXIDE
Decomposition of nitrogen oxides under the effect of gamma rays [with summary in English]. M. T. Dmitriev, L. V. Saradzhev. Zhur. fiz. khim. 35 no. 4:727-735 Ap '61

Nitrous oxide anesthesia. L. N. Bolkhovitinova. Trudy 1-go MMI 3:66-74 '57.

NIYAZBASHI—MEDICINE, RURAL
In a collective farm hospital. D. Ostrutskii, N. IAkubov. Uzbekistan 18 no. 11,21 N '59.

NIZHNE-CHIRCHIKSKIY DISTRICT—COLLECTIVE FARMS
In a united family. A. Maillants. Uzbekistan 18 no. 11:15-17 N '59.

NIZHNIY TAGIL—ART INDUSTRIES
On the history of art industries in the R.S.F.S.R., the tray industry in Nizhniy Tagil. S. B. Rozhdestvenskaia Sov. etn. no. 2 136-143 Mr-Ap '60.

NIZHNIY TAGIL—AUDITING
What did auditings show. V. Khaipov. Fin. SSSR 22 no. 5 65-66 My '61.

NIZHNIY TAGIL—ORPHANS AND ORPHANAGES
Experience worth disseminating. P. Shpital'nik. Det. dom 18 no. 4 77-78 '60.

NIZHNIY TAGIL—PLASTICS INDUSTRY—EQUIPMENT AND SUPPLIES
New height. G. Alova. IUn. tekh. 5 no. 2:17-19 F '61.

NIZHNIY TAGIL REGION—MINE VENTILATION
Combined blowing and exhaust ventilation systems in the Vysokogorskiy Mine. V. P. Kutikov. Gor. zhur. no. 3 64-66 Mr '60

NOCE, TERESA, 1900-
A tale on the future ("The adventures of Laika, the little space dog" [in Italian] by Teresa Noce. Reviewed by K. Naumov). Inostr. lit. no. 5:264 My '61.

NOGINSK—TEXTILE INDUSTRY—FINANCE
Economic work is the concern of the entire collective. N. Goriachev. Fin. SSSR 22 no. 5:54-60 My '61

NOISE
Physiohygienic principles of permissible levels of noise intensity in multistory apartment houses [with summary in English]. P. R. Vainshtein, P. I. Leushin, A. I. Shafir. Gig. i san. 25 no. 3 23-29 Mr '60.

NOMADS see subdivision under Yakutia

NOMOGRAPHY (MATHEMATICS)
Nomogram for designing drilling hammers. IU. N. Popov. Izv. vys. ucheb. zav.; gor. zhur. no. 9:90-91 '59.

Nomogram for determining the optimum diameter and number of blasting holes in cutting drifts. V. G. Simanov. Izv. vys. ucheb. zav.; gor. zhur. no. 12:29-37 '59.

Nomographic charts from the calculations of the formulae of G. N. Roer for determining the critical speed and hydraulic incline of partially silt-filled pulp pipelines. T. i. Mel'nikov. Izv. vys. ucheb. zav.; gor. zhur. no. 3 90-99 '60.

Representing the equation $f_1+f_2+f_3+f_4+f_5+f_6 = 0$ by a nomogram with an oriented transparency in the form of a straightedge. G. S. Khovanskii. Dokl. AN SSSR 130 no. 4:793-795 Je '61

NONCONTENTIOUS JURISDICTION
The practice of notarial agencies. Sov. iust. no. 10:31 My '61.

Results of studying judicial practice in cases concerning the establishment of legal facts. V. Paniugin. Biul. Verkh. Suda no. 2,25-37 '60.

NON-EUCLIDIAN GEOMETRY see Geometry, Non-Euclidian

NONFERROUS ALLOYS
Investigating the temperature dependence of cataphoresis in alloys containing high-melting metals. M. D. Smolin, I. N. Frantsevich. Dokl. AN SSSR 136 no. 1,81-83 Ja '61

NONFERROUS METAL INDUSTRIES see subdivision under Altai Mountains, Leninogorsk

NONFERROUS METAL INDUSTRIES—CONGRESSES
Technical Conference on Secondary Nonferrous Metals. L. Miller. [Svet. met. 31 no. 5 77-79 My '61

NONFERROUS METALS
(see also subdivision under Maritime Territory)
"Handbook on machine manufacturing materials; vol. 2; Nonferrous metals and their alloys." Reviewed by I. I. Rogel'berg. Metalloved. i term. obr. met. no. 5 58-59 My '61

Reworking nonferrous metal deposits. S. L. Shnaiderman, Razved. i okh. nedr. 27 no. 2 46-49 F '61

Stress preening and recovery of high purity tungsten and molybdenum in conditions of nonuniform stress on all sides. I. N. Frantsevich, I. E. Shilanovskaia, V. A. Lavrenko. Fiz. met. i metalloved. 9 no. 4:593-597 Ap '60

NONFERROUS METALS—BIBLIOGRAPHY see Bibliography—Nonferrous metals

NONFERROUS METALS—COLD WORKING
Temperature relation of the electric resistance in plastically deformed silver and copper. V. I. Khotkevich, V. A. Pervakov, R. A. Mertsov. Fiz. met. i metalloved. 9 no. 4 637-639 Ap '60

NONFERROUS METALS—HANDBOOKS, MANUALS, ETC.
Smirnagin, A. P., and others. [Handbook on the working of nonferrous metals and alloys] Spravochnik po obrabotke tsvetnykh metallov i splavov. Pod red. L. E. Millera. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 672 p.

NONFERROUS METALS—METALLURGY
Concreteness and business-type methods. P. Smirnov. NTO 2 no. 5:55-56 My '60

NONMETALLIC MATERIALS
Metallographic control of steel for nonmetallic inclusions [with summary in English]. M. S. Mikhalev, L. V. Mironov. Stal' 20 no. 7:647-649 Jl '60

NORADRENALINE
Ascending effects during the action of the subpharyngeal ganglia of Helix of serotonin, noradrenalin, tyramine and tryptamine. Kh. S. Koshtoiants, K. Rozha. Fiziol. zhur. 47 no. 2:266-271 F '61.

NORIL'SK—WATER PIPES—COLD WEATHER CONDITIONS
Laying water pipes on earthen "prisms." N. N. Zenger. Stroi. truboprov. 6 no. 2,19 F '61.

NORIL'SK REGION—APATITE
Occurrences of apatite in copper-nickel sulfide ores in the Noril'sk deposit. A. D. Genkin, Z. V. Vasil'eva, T. A. IAkovlevskaia. Geol. rud. mestorozh. no. 2:100-108 Mr-Ap '61.

NORIL'SK REGION—COAL GEOLOGY
Tectonic development and conditions governing the accumulation of the coal series in Noril'sk District. V. M. Slivko. Uch. zap. TGU no. 36:121-133 '60.

NORIL'SK REGION—ORE DEPOSITS
Some problems with regard to the geochemistry of selenium and tellurium in copper-nickel ores of the Noril'sk region [with summary in English]. G. G. Zainullin. Geokhimiia no. 3:231-240 '60.

NORTH AMERICA—ETHNOLOGY
"Peoples of America" Vol. 1. People of North America. Reviewed by L. I. Zubok. Sov. etn. no. 2:198-202 Mr-Ap '60.

NORTH AMERICA—GEOLOGY, STRATIGRAPHIC
Possibility of correlating lower and middle Fransian sediments in the Russian and North American Platforms. A. I. Liashenko, S. V. Tikhomirov. Izv. vys. ucheb. zav., geol. i razv. 3 no. 12,3-7 D '60.

NORTH ATLANTIC TREATY ORGANIZATION
NATO, a military caravan up a blind alley. N. Isaev. Mezhdunar. zhizn' 8 no. 6:116-120 Je '61.

Sinister shadow of NATO over Angolia. IU. Konstantinov. Mezhdunar. zhizn' 8 no. 6:116-120 Je '61.

Vladimirov, S. A. [Imperialist military blocs are a threat to peace] Imperialisticheskie voennye bloki - ugroza miru. Moskva, Izd-vo "Znanie," 1961. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 7, Mezhdunarodnaia, no. 10)

NORTH KAZAKHSTAN PROVINCE—WOMEN—EMPLOYMENT
A great power in towns and rural areas. Nina Drozdetskaia. Part. zhizn' Kazakh. 31 no. 5 19-23 My '61.

NORTH KOREA see Korea, North

NORTHERN CAUCASUS see Caucasus, Northern

NORTHERN SOSVA VALLEY—GEOLOGY, STRATIGRAPHIC
Concretions in Jurassic and lower Cretaceous sediments of the Northern Sosva Basin, their facies, and correlative value. G. I. Vialukhin. Trudy Gor.-geol. inst. UFAN SSSR no. 32,121-131 '59

NORWAY—DEFENSES
Norway says "no" to the atom bomb. I. Alekseev. Mezhdunar. zhizn' 8 no. 6,114-115 Je '61.

NORWAY—PHYSICAL EDUCATION AND TRAINING
Sports in Norway. S. P. Belitaeva. Teor. i prak. fiz. kul't. 24 no. 5 366-368 '61.

NOSE
Cytochemical and histochemical investigation of the olfactory organ in mammals. A. A. Bronshtein. TSitologiia 2 no. 2 194-200 Mr-Ap '60

Veins of the mucous membrane of the nasal septum [with summary in English]. L. A. Venediktov. Arkh. anat. gist. i embr. 40 no. 3 54-60 Mr '61.

NOSE—DISEASES
Epistaxis. T. A. Vainshtein. Med. sestra 20 no. 4:19-20 Ap '61.

NOSE—SURGERY
Free transplantation of part of the concha auriculae in defects of the cartilaginous part of the nose. M. V. Kostylev. Stomatologiia 40 no. 2 45-50 Mr-Ap '61

Plastic restoration of a deformed nasal ala. A. A. Raikov. Zhur. ush., nos. i gorl. bol. 20 no. 1:78-79 Ja-F '60.

Stable deformations of the nose following trauma [with summary in English]. L. A. Krikun. Vest. otorin. 22 no. 1:36-46 Ja-F '60.

NOSE—TUMORS
A case from practice. P. F. Zlotoverkhii. Fel'd. i akush. 25 no. 4:54-55 Ap '60.

NOSE, ACCESSORY SINUSES OF—CANCER
Material for the roentgenological diagnosis of cancer of the antrum of Highmore. E. A. Likhtenshtein. Vop. onk. 7 no. 2:48-54 '61

NOSE, ACCESSORY SINUSES OF—RADIOGRAPHY
Radiographic method of studying the maxillary sinuses in children [with summary in English]. A. D. Baranova. Zhur. ush., nos. i grol. bol. 20 no. 1 66-69 Ja-F '60.

NOSE, ACCESSORY SINUSES OF—TUMORS
Chondroma of the ethmoidal labyrinth in a 12-year-old boy. A. A. TSukanova. Vest. otorin. 22 no. 1:88-90 Ja-F '60.

NOTARIES
(see also subdivision under Moscow; Stalino)
For a strict observance of laws in the acts of notarial agencies. A. Stepanova. Sov. iust. no. 10 16-18 My '61

Information work of public notaries among the masses. Sov. iust. no. 10 1-3 My '61

Let's regularize the notarial work of rural soviets. A. Bartosik. Sov. iust. no. 4:50-51 Ap '60

More attention to the work of notarial offices. H. Bondarenko. Rad. pravo no. 2:123-124 Mr-Ap '60.

The practice of notarial agencies. Sov. iust. no. 10:31 My '61.

We should strictly observe the law. E. Eidinova. Sov. iust. no. 10 9-10 My '61

NOTE-TAKING
Teach how to take lecture notes correctly. S. G. Bargina. Prep. ist. v shkole 16 no. 3 71-72 My-Je '61.

NOTIONS (MERCHANDISE) see subdivision under Kalinin

NOVAYA USMAN' DISTRICT—AGRICULTURAL MACHINERY
Practice of preparing a plan for using machinery on the Kirov Collective Farm. N. P. Aleksandrov, B. G. Butkevich, K. G. Kornev. Dokl. i soob. VNIIESKH no. 8:20-45 '60.

NOVGOROD—CHURCH LANDS
Grekov, B. D. [Selected works of B. D. Grekov] Izbrannye trudy. Moskva, Izd-vo Akad. nauk SSSR. Vol. 4. 1960. 464 p.

NOVGOROD (DUCHY)
Bernadskii, V. N. [Novgorod and the Novgorod state in the 15th century] Novgorod i Novgorodskaia zemlia v XV veke. Moskva, Izd-vo Akad. nauk SSSR, 1961. 394 p.

NOVGOROD PROVINCE—STOMATOLOGY
Second Provincial Conference of Stomatologists and Dentists of Novgorod Province. A. G. Pokareva. Stomatologiia 10 no. 1 108 Ja-F '61.

NOVIKOV, ANDREI FEDOROVICH, d. 1961
In memory of A. F. Novikov. Sov. foto 21 no. 5:46 My '61.

NOVIKOV, NIKOLAI IVANOVICH, 1744-1818
Akademiia nauk SSSR. Institut filosofii. [N. I. Novikov and his generation, selected works] N. I. Novikov i ego sovremenniki, izbrannye sochineniia. Moskva, 1961. 531 p.

NOVIKOV-PRIBOI, ALEKSEI SILYCH, 1877-1944
The affirmative hero in the works of A. S. Novikov-Priboi, "The submariners," "The bumpy road," "In the bay of Otrada." F. F. Shcherbakova. Uch. zap. MGPI 97:155-196 '59

NOVOALEKSANDROVSKAIA DISTRICT—AGRICULTURE
Hidden potentialities for an increase in grain production. N. Bosenko. Part. zhizn' no. 13:22-26 Jl '61.

NOVOALEKSANDROVSKAIA DISTRICT—SHEEP
Ways of improving economic efficiency in sheep raising on the "Rossiia" Collective Farm. A. M. Donskov, V. P. Aima. Dokl. i soob. VNIESKhI no. 8:168-176 '60.

NOVOBIOCIN
Primary physiological studies on Str. spheroides in connection with novobiocin biosynthesis [with summary in English]. S. L. Brinberg, O. Z. Gravoskaia. Antibiotiki 6 no. 3:203-206 Mr '61.

NOVOCAINE
Immediate results of antibacterial therapy combined with novocaine block in pulmonary tuberculosis patients. N. E. Iordanskaia. Sbor. trud. Uz. nauch.-issl. tub. inst. 3:105-110 '57.

Influence of cervical novocaine block on the condition of rabbits with a closed cerebrospinal wound. I. Rustamov, Iu. M. Volobuev. Zdrav. Turk. 5 no. 2:3-6 Mr-Ap '61.

Influence on stomach function of some physical methods of treatment (diathermy, novocaine electrophoresis, and paraffin applications). P. K. Lapatova. Vop. kur., fizioter. i fiech. fiz. kul't. 26 no. 1:27-31 '61.

Mechanism of action of cervical vagosympathetic novocaine block in coronary circulatory insufficiency. V. V. Tinvokin. Pat. fiziol. i eksp. terap. 5 no. 2:57-60 Mr-Ap '61.

Peripleural novocaine block in the treatment of pulmonary tuberculosis [with summary in French]. I. P. Kopeiko, N. I. Krakovskii. Probl. tub. 38 no. 3:52-56 '60.

Use of novocaine solutions in polyvinyl-pyrrolidone for prolonged local anesthesia. B. G. Berkengeim. Trudy 1-go MMI 3:175-184 '57.

NOVOGRAD-VOLYNSKIY—AMATEUR ART ACTIVITIES
Great honor. IA. Horilyi. Sots. kul't. 14 no. 5:21-22 My '61.

NOVOGRUDOK DISTRICT—WOMEN—EMPLOYMENT
Story of a peasant girl. D. Zinger. Rab. i sial. 36 no. 4:19 Ap '60.

NOVOLADOZHSKIY CANAL—SHIPS—MAINTENANCE AND REPAIR
Twelve times quicker. V. Konovalov. Rech. transp. 20 no. 5:45 My '61.

NOVOROSSIISK—MERCHANT SEAMEN
Activity of the Scientific Technological Society of the Novorossiisk Harbor. P. Vinnik. Mor. flot 21 no. 5:35 My '61.

NOVOSIBIRSK—AGRICULTURAL MACHINERY INDUSTRY
Is this a businesslike method of work? Part. zhizn' no. 11:51 Je '61.

NOVOSIBIRSK—ARTIFICIAL ARMS
Successful construction. F. Zutkov. Sots. obesp. 22 no. 5:50 My '61.

NOVOSIBIRSK—CHILDREN'S CLOTHING
True Soviet sales clerks.... P. Katov. Sov. torg. 33 no. 4:46-47 Ap '60.

NOVOSIBIRSK—METALLURGICAL LABORATORIES
At the Central Laboratory of the A. I. Efremov "Tiazhstankogidropress" Novosibirsk Plant. I. A. Vashukov. Zav. lab. 27 no. 5:624-625 '61.

NOVOSIBIRSK—NEWSPAPERS AND PERIODICAL CIRCULATION
Workday of a retail agency. A. Medianskaia. Raspr. pech. no. 3:15-16 Mr '61.

NOVOSIBIRSK—SMOKEHOUSES—FIRES AND FIRE PREVENTION
Chemical cleaning of smokehouse smokers. V. Getmanenko. Pozh. delo 7 no. 5:10 My '61.

NOVOSIBIRSK—THEATER
Thus was the "Krasnyi Fakel" born. Igor' Nezhnyi. Teatr 22 no. 5:135-115 My '61.

NOVOSIBIRSK—WATER SUPPLY, RURAL
Water-jet installations. V. Rogalenko. Sel'. stroi. 15 no. 3,9-10 Mr '61.

NOVOSIBIRSK PROVINCE—COMMUNIST YOUTH LEAGUE
Work is going along better. Komsom. zhizn' no. 11:17-20 Je '61.

NOVOSIBIRSK PROVINCE—FEEDS—ANALYSIS
Biogeochemical provinces with calcium and phosphorus deficiency in Novosibirsk Province. L. G. Masharova. Trudy Biogeokhim. lab. no. 11:189-196 '60.

NOVOSIBIRSK PROVINCE—RADIO PROGRAMS
Unusual anniversary. N. Lebedev. Sov. radio i tel. 8 no. 1:6 '59

NOVOSIBIRSK REGION—AGRICULTURE
Present-day condition and prospects for developing agriculture around Novosibirsk. L. T. Rudometkina. Dokl. i soob. VNIESKhI no. 8:64-71 '60.

NOVO-TITAROVSKAYA—CITY PLANNING
Redevelopment of the Cossack village of Novo-Titarovskaya in Krasnodar Territory. A. Titov. Arkhit. SSSR no. 1:41-43 '61.

NOVOUZENSK DISTRICT—FARM BUILDINGS—FIRES AND FIRE PREVENTION
Activities and needs of rural firemen. IA. Kaplan. Pozh. delo 7 no. 3:12 My '61.

NOVO-VASIL'YEVKA DISTRICT—ANTIQUITIES
A burial mound near the village of Dolina. A. I. Furmans'ka. Arkheol. pam. URSR 8:136-140 '60.

Burial mounds in the Molochnaya Valley. O. I. Terenozhkin. Arkheol. pam. URSR 8:3-16 '60.

Burial mounds near the village of Novo-Filipovka and the "Akkermen'" State Farm. M. I. Vinzmitina and others. Arkheol. pam. URSR 8:22-135 '60.

Burial mounds near the village of Trofimovo. L. S. Klein. Arkheol. pam. URSR 8:141-163 '60.

NUCLEAR COUNTERS
Dolgirev, E. I., P. I. Maleev, and V. V. Sidorenko. [Nuclear radiation detectors] Detektory iadernykh izluchenii. Pod red. K. K. Aglintseva. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 222 p.

Proportional radiation counters with industrial equipment. A. F. Vinogradov, L. I. Chigarev, S. P. Rybak. Izm. tekh. no. 5:49-52 My '61.

NUCLEAR ENGINEERING
[Nuclear engineering abroad.] Atom. tekh. za rub. 5 no. 6 Je '61.

NUCLEAR FISSION
Mechanism of uranium fission induced by slow μ^--mesons [with summary in English]. G. E. Belovitskii and others. Zhur. eksp. i teor. fiz. 38 no. 2:404-408 F '60.

Th^{232} fission induced by 14.9 Mev. neutrons [with summary in English]. A. N. Protopopov, M. I. Kuznetsov, E. G. Dermendzhiev. Zhur. eksp. i teor. fiz. 38 no. 2:384-386 F '60.

NUCLEAR FUELS
Tower for testing fuel elements (from "Nuclear Power," 5, No. 55, 1960). Atom. energ. 10 no. 5:539-540 My '61.

NUCLEAR GEOPHYSICS
Neutron radiation of the earth [with summary in English]. V. V. Cherdyntsev and others. Geokhimiia no. 3:261-267 '60.

NUCLEAR MAGNETIC RESONANCE AND RELAXATION
Dependence of the magnetic screening of F^{19} nuclei on concentration in the systems $KHF_2 - H_2O$ and $KHF_2 - KF - H_2O$. Van I-tsiu [Wang I-chiu], F. I. Skripov. Dokl. AN SSSR 136 no. 1:58-60 Ja '61.

Nuclear magnetic resonance study of polymers. Part 1: Temperature dependence of molecular mobility in different stereoisomeric forms of poly(methyl methacrylate) [with summary in English]. N. M. Bazhenov and others. Vysokom. soed. 3 no. 2:290-291 F '61.

Shape and temperature dependence of electron spin resonance lines of local electron centers in crystals [with summary in English]. M. F. Deigen, A. B. Roitsin. Zhur. eksp. i teor. fiz. 38 no. 2:489-498 F '60.

Some conditions for observing the fine structure of nuclear magnetic resonance signals. N. M. Ievskaia, R. M. Umarkhodzhaev. Vest. Mosk. un. Ser. 3: Fiz., astron. 15 no. 6:3-7 N-D '60.

NUCLEAR PHYSICS
Brief reports. Atom. energ. 10 no. 5:551-552 My '61.

Let's have a look at the microcosm.... V. Styrzhak, M. Deigen. Znan. ta pratsia no. 5:21-22 My '61.

NUCLEAR PHYSICS—BIBLIOGRAPHY see Bibliography—Nuclear physics

NUCLEAR-POWERED SHIPS see Atomic ships

NUCLEAR REACTIONS
Angular distribution of neutrons in the reaction $C^{13}(d,n)N^{14}$. F. L. Abelishvili, T. G. Gachechiladze, O. M. Mdivani. Zhur. eksp. i teor. fiz. 38 no. 2:531-533 F '60.

Experimental possibility of checking form factors in the theory of the universal Fermi interaction. Khe TSo-sin [Ho Tso-hsin]. Zhur. eksp. i teor. fiz. 38 no. 2:648-650 F '60.

Fragmentation of Ag and Bi nuclei by 9 Bev protons [with summary in English]. N. A. Perfilov and others. Zhur. eksp. i teor. fiz. 38 no. 2:315-350 F '60.

Fragmentation of light nuclei. M. M. Makarov, N. A. Perfilov. Dokl. AN SSSR 138 no. 3:579-580 My '61.

Go TSI-Di. [Investigation of the cross sections of (γp) reactions on medium nuclei; author's abstract of his dissertation for the degree of candidate of the physical and mathematical sciences] Issledovanie sechenii (γp) reaktsii na srednikh iadrakh; avtoreferat dissertatsii, predstavlennoi na soiskanie uchenoi stepeni kandidata fiziko-matematicheskikh nauk. Nauchnye rukovoditeli - V. I. Gol'danskii, B. S. Ratner. Moskva, Akad. nauk SSSR, Fizicheskii in-t im. P. N. Lebedeva, 1960. 7 p.

Investigating (α,α'), (α,p) and (α,t) reactions in lithium nuclei [with summary in English]. F. V. Maliarunas, S. V. Starodubtsev. Zhur. eksp. i teor. fiz. 38 no. 2:372-378 F '60.

Method for studying complex nuclear reactions. A. V. Kulikov, V. P. Chizhov, I. P. IAvor. Dokl. AN SSSR 136 no. 1:77-80 Ja '61.

$p+d \rightarrow t+\pi^+$ reaction in 670 Mev protons. Iu. K. Akimov, O. V. Savchenko, L. M. Soroko. Zhur. eksp. i teor. fiz. 38 no. 2:643-644 F '60.

Preparation of silver-111 from neutron-irradiated palladium. V. I. Levin, N. G. Serebrinkov, I. V. Meshcheriakova. Radiokhimiia 2 no. 1:120-126 '60.

Radiochemical study of the products resulting from the splitting of uranium by 660 Mev protons. A. K. Lavrukhina, S. S. Rodin. Radiokhimiia 2 no. 1:84-93 '60.

NUCLEAR REACTORS
Fast-neutron burst reactor. G. E. Blokhin and others. Atom. energ. 10 no. 5:437-446 My '61.

[Investigation of the critical parameters of reactor systems] Issledovaniia kriticheskikh parametrov reaktornykh sistem; sbornik statei. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhniki, 1960. 117 p.

Measurements of the spectra and temperature of a neutron gas in a graphite-water reactor. E. IA. Doil'nitsyn, A. G. Novikov. Atom. energ. 10 no. 5:517-519 My '61.

Nonstationary heat conduction in heat-producing elements of nuclear reactors [with summary in English]. V. S. Ermakov, I. P. Zhuk, O. I. IAroshevich. Inzh.-fiz. zhur. 4 no. 5:90-99 My '61.

NUCLEAR REACTORS—MATERIALS
Behavior of graphite in the stackings of nuclear reactors. V. M. Klimenkov. Atom. energ. 10 no. 5:417-420 My '61.

Organic heat-transfer agents in reactor engineering. P. A. Palibin and others. Inzh.-fiz. zhur. 4 no. 5:127-138 My '61.

NUCLEAR SHELL THEORY
[Deformation of atomic nuclei; generalized nucleus model and the Coulomb excitation method. Articles translated from the English. Preface by L. A. Sliv] Deformatsiia atomnykh iader, obobshchennaia model' iadra i metod kulonovskogo vozbuzhdeniia. Sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1958. 383 p. (Problemy fiziki)

Excitation of collective states in nuclei in the scattering of charged particles [with summary in English]. S. I. Drozdov. Zhur. eksp. i teor. fiz. 38 no. 2:489-502 F '60.

Polarization of the nuclei of diamagnetic elements dissolved in iron [with summary in English]. B. N. Samoilov, V. V. Skliarevskii, E. P. Stepanov. Zhur. eksp. i teor. fiz. 38 no. 2:359-371 F '60.

Schwinger effect with consideration of shielding of a nucleus with atomic electrons. V. M. Koprov. Zhur. eksp. i teor. fiz. 38 no. 2:639-641 F '60.

NUCLEI, ATOMIC
[Deformation of atomic nuclei; generalized nucleus model and the Coulomb excitation method. Articles translated from the English. Preface by L. A. Sliv] Deformatsiia atomnykh iader, obobshchennaia model' iadra i metod kulonovskogo vozbuzhdeniia. Sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1958. 383 p. (Problemy fiziki)

Excitation of collective states in nuclei in the scattering of charged particles [with summary in English]. S. I. Drozdov. Zhur. eksp. i teor. fiz. 38 no. 2:489-502 F '60.

Polarization of the nuclei of diamagnetic elements dissolved in iron [with summary in English]. B. N. Samoilov, V. V. Skliarevskii, E. P. Stepanov. Zhur. eksp. i teor. fiz. 38 no. 2:359-371 F '60.

Schwinger effect with consideration of shielding of a nucleus with atomic electrons. V. M. Koprov. Zhur. eksp. i teor. fiz. 38 no. 2:639-641 F '60.

NUCLEI, ATOMIC—OPTICAL PROPERTIES
Polarization of hydrogen nuclei in a free radical. G. S. Lomkatsi. Zhur. eksp. i teor. fiz. 38 no. 2:635-636 F '60.

NUCLEIC ACIDS
Cytochemical study of the ratio between ribonucleic acid and proteins in the protoplasm of growing root cells [with summary in English]. V. B. Ivanov. Znur. ob. biol. 22 no. 2:100-107 Mr-Ap '61.

NUCLEIC ACIDS (Continued)
Effect of desoxyribonucleic acid on the radiosensitivity of α-chymotrypsin in an artificial desoxyribonucleic acid-α-chymotrypsin complex [with summary in English]. T. M. Ugarova, P. I. Tseitlin. Biul. eksp. biol. i med. 50 no. 7 56-58 Jl '60.

Effect of long-continued daily irradiation on nucleic acid metabolism in certain tissues of the rabbit [with summary in English]. R. L. Libinson, V. V. Konstantinova. Biokhimiia 25 no. 5 1018-1025 N-D '60.

Effect of sarcolysin and dopan on the biosynthesis of pyrimidines of nucleic acid in transplanted tumors and tissues of the recipient organism [with summary in English]. S. IA. Davydova, M. B. Sapozhnikova. Biul. eksp. biol. i med. 50 no. 1 89-93 Ja '60.

Evidence of regeneration in significant portions of the myocardial fibers of the frog following trauma [with summary in English]. P. P. Rumiantsev. Arkh. anat. gist. i embr. 40 no. 2 65-71 F '61.

First Conference on Nucleic Acids and Nucleoproteins. V Tongur. Vop. med. khim. 6 no. 2 215-219 Mr-Ap '60.

Fluorescence of nucleic acids in solution. I. S. Agroskin and others. Dokl. AN SSSR 136 no. 1 226-229 Ja '61.

Identification of nucleic acid components by electrodialysis combined with circular paper chromatography [with summary in English]. E. K. Alimova, B. D. Bolgova, A. T. Astvatsatur'ian. Biokhimiia 26 no. 2 221-224 Mr-Ap '61.

Inactivation of antiphagic antibiotics by nucleic acids. N. A. Krasil'nikov, T. P. Kulmova. Dokl. AN SSSR 136 no. 4 938-940 Je '61.

Infectivity of viral nucleic acids. V. I. Tovarnitskii, T. I. Tikhonenko. Usp. sovr. biol. 49 no. 1 19-36 Ja-F '60.

Isolation and characteristics of ribonucleic acid of the chromosomenucleolar apparatus. G. P. Georgiev. Dokl. AN SSSR 138 no. 2 456-461 My '61.

Isolation of ribonucleic acid from the plasma sap of plant leaves and studies on the nature of its metabolism [with summary in English]. Zh. A. Medvedev and others. Biokhimiia 25 no. 6 1001-1011 N-D '60.

Key acids of life. A. Emme. Tekh. mol. 29 no. 5 5-7 '61.

Luminescence microscopy in the histochemistry of nucleic acids. A. V. Zelenin. Arkh. anat. gist. i embr. 40 no. 3 88-98 Mr '61.

Macromolecular configurations of high-polymeric ribonucleic acid according to the data of electron microscopy. N. A. Kiselev, L. P. Gavrilova, A. S. Spirin. Dokl. AN SSSR 136 no. 3 692-694 My '61.

Nuclear acids and the conduction of rhythmic excitation in the heart. Kh. S. Khoshtoiants. Dokl. AN SSSR 138 no. 3 733-735 My '61.

Role of ribonucleic acids in protein synthesis. F. H. Shtrub. Vop. med. khim. 6 no. 2 115-120 Mr-Ap '60.

Studying nucleic acids in genetically related apple trees produced through breeding. G. P. Serenkov, N. M. Kireeva. Nauch. dokl. vys. shkoly; biol. nauki no. 2 186-190 '61.

Studying the nucleic acid content in acute radiation injury in monkeys with the aid of histochemical methods [with summary in English]. N. N. Kuzhakova. Biul. eksp. biol. i med. 51 no. 1 31-36 Ja '61.

NUCLEONS

Determining the coupling constant of π-meson - nucleon interaction from the elastic scattering cross sections of protons by means of 630 Mev. protons. N. S. Amaglobeli and others. Zhur. eksp. i teor. fiz. 38 no. 2 660-662 F '60.

Possible effect of the nucleon structure in high-energy interactions. Zh. S. Takibaev. Zhur. eksp. i teor. fiz. 38 no. 2 633-634 F '60.

Production of π-mesons in pd-collisions as related to the intranuclear motion of nucleons [with summary in English]. IU. D. Prokoshkin. Zhur. eksp. i teor. fiz. 38 no. 2 455-461 F '60.

NUCLEONS—SCATTERING

Nucleon-nucleon scattering in two-meson approximation with large orbital moments [with summary in English]. A. D. Galanin and others. Zhur. eksp. i teor. fiz. 38 no. 2 475-488 F '60.

NUCLEOPROTEINS

Characteristics of nuclear nucleoproteins of some experimental tumors and of chick embryos [with summary in English]. I. B. Zbarskii, L. P. Ermolaeva. Biul. eksp. biol. i med. 50 no. 10 64-67 O '60.

Comparative study on the antigenic structure of tumor and homologous normal cells. Report No. 3: Immunobiological characteristics of desoxyribonucleoproteins isolated from Guerin's carcinoma and normal uterus in rats [with summary in English]. M. S. Lomakin, IU. F. Malina. Biul. eksp. biol. i med. 51 no. 3 86-93 Mr '61.

Cytochemical reactions of mitochondrial ribonucleoproteins and tigroid granules of nerve cells during the first minutes after gamma irradiation. A. I. Shabadash, T. I. Zolikina, N. D. Agracheva. Dokl. AN SSSR 136 no. 1 222-225 Ja '61.

First Conference on Nucleic Acids and Nucleoproteins. V Tongur. Vop. med. khim. 6 no. 2 215-219 Mr-Ap '60.

NUCLEOTIDES

Comparative characteristics of nucleotide composition of desoxyribonucleic acid isolated by various methods from insects and mammals [with summary in English]. I. P. Kuk, A. F. Opol'skii. Biokhimiia 25 no. 6 1073-1080 N-D '60.

Comparative data on the nucleotide composition of ribonucleic acid contained in the brain tissue [with summary in English]. R. G. Broun, V. I. Diurmbaum. Vest. LGU 16 no. 9 100-106 '61.

Synthesis of nucleotide coenzymes and related compounds. Z. A. Shabarova, T. S. Riabova, M. A. Prokofev. Dokl. AN SSSR 136 no. 5 1116-1119 F '61.

NUCLEUS (CELLS) see Cell nuclei

NUMBERS, THEORY OF

Applications of linear operators to the theory of numbers. I. IA. Kusaia. Izv. AN Uz. SSR, Ser. fiz.-mat. nauk no. 2 33-40 '61.

Scientific notes and problems on Schur's index. S. D. Berman. Usp. mat. nauk 16 no. 2 95-99 Mr-Ap '61.

NUMERATION

Forerunner of our current counting system. Znan. ta praktsia no. 4 31 Ap '61.

NUMERICAL ROOTS see Roots, Numerical

NUMMULITES

First All-Union Conference of Experts on Nummulites. B. P. Zernetskyi. Geol. zhur. 20 no. 1 104-105 '60.

Nomenclature and distinctive characters of some granulated nummulites. B. T. Gotev, K. L. Khloponin. Vop. mikropaleont. no. 4 104-120 '60.

NUPHARINE

Effect of nuphatine on the fermentation and respiration of Staphylococcus aureus and Corynebacterium michiganense. S. I. Novykova. Mikrobiol. zhur. 23 no. 1 51-56 '61.

NURA-TAU—PLANTS—WATER REQUIREMENTS

Water cycle of certain plants of the low-Nura-Tau mountains. V. A. Buzygin, N. S. Zaprometova. Trudy Inst. bot. AN Uz. SSR no. 5 6-49 '59.

NUREK HYDROELECTRIC POWER STATION

Giant of the Vakhsh River. L. Gil'berg. Znan. sila 36 no. 2 1 F '61.

NUREMBERG TRIAL OF MAJOR GERMAN WAR CRIMINALS, 1945-1946

A trial which served the cause of peace. N. Sergeev. Sots. zakon. 30 no. 6 37-41 Je '61.

NURSES AND NURSING
(see also subdivision under Kirov, Mezhgor District, Transcarpathia; Vologda)

Nurses' councils. V. P. Samoilova. Med. sestra 20 no. 3 58 Mr '61.

Role of the nurse in the care of patients with myocardial infarct. G. L. Levin. Med. sestra 20 no. 4 41-44 Ap '61.

Role of the nurse in the control of rickets. E. D. Zabludovskaia. Med. sestra 20 no. 3 26-31 Mr '61.

"Work of the district nurse with the premature child" by M. A. Zinger. Reviewed by E. M. Kravets. Med. sestra 20 no. 3 51-53 Mr '61.

Work of the group nurse in a sanatorium for children with the after effects of poliomyelitis. A. V. Efimova. Med. sestra 20 no. 3 34-36 Mr '61.

NURSES AND NURSING—PERIODICALS

Work of the periodical. T. V. Mironov. Med. sestra 20 no. 4 3-6 Ap '61.

NYACIN see Nicotinic acid

NYLON

Capron parts for trolleys. G. Gordiei 11 no. 2 28-29 F '61.

Effect of the methods of its manufac machine parts made from nylon. I vys. uchеb. zav.; tekh. leg. prom. r

Expediency of using capron in the fri N. IA. Kostol'man, L. I. Kotliar. Le pishch. tekh. no. 2 108-113 '61.

The LM-00-1 machine for molding ca Biul. tekh.-ekon. inform. no. 4 23-

Polymers preserve life; do you know V. Butanov, I. Revzin. Tekh. mol. '61.

Some experiments with capron. A. I shkole 15 no. 2 44-45 Mr-Ap '60

Use of capron in the repair of stree equipment. V. I. TSekov, E. G. Shi no. 6 60-62 '61.

Use of nylon parts in shoe machiner Kozh.-obuv. prom. 3 no. 1 30-33

NYSTAGMUS

Technic of an electrophysiological s motor reflex arc in birds. I. V Or 47 no. 5 659-661 My '61.

NYSTATIN

Production of nystatin resistant strains of Candida and a description of their properties [with summary in English]. A. E. Tebrokina, S. M. Chalkovskaia. Antibiotiki 5 no. 2 91-95 Mr-Ap '60.

NYUGEDI—COOPERATIVE SOCIETIES

Dreams that came true. Aino Sarkisov. Sov. potreb. koop. 5 no. 5 17-20 My '61.

OAK

Accelerated development of the English oak near the outer limits of its habitat. N. A. Borodina. Biul. Glav. bot. sada no. 39 78-82 '60.

Anatomical characteristics of leaf structure in early and late forms of the English oak (Quercus robur L.). V. I. Sautin. Sbor. nauch. rab. Bel. otd. VBO no. 1 138-140 '59.

Effect of pure cultures of mycorrhiza fungi on the development of pine and oak seedlings [with summary in English]. N. M. Shemakhanova. Izv. AN SSSR, Ser. biol. no. 3 362-376 My-Je '61.

Grafting oak. A. F. Zarubin. Les. khoz. 14 no. 6 61 Je '61.

Grafting pine and oak with the help of rubber nipples. V. V. Ievlev. Les. khoz. 14 no. 6 65 Je '61.

Growth and frost resistance of oak (Quercus robur L.) treated with gibberellin. P. I. Shchepot'ev, A. IA. Tolstopiat, N. I. Navalikhina. Dokl. AN SSSR 138 no. 1 966-969 Je '61.

Reforestation of the central oak forest-steppes. I. M. Naumenko. Izv. vys. ucheb. zav., les. zhur. 4 no. 1 165-167 '60.

OAK—DISEASES AND PESTS

Tetranychid mites in the oak-hornbeam forests of the Lenkoran zone [in Azerbaijani with summary in Russian]. S. G. Khalilova. Uch. zap. AGU Biol. ser. no. 1 91-96 '60.

OATES COAST—SCHISTS

Lower Paleozoic metamorphic schists of Oates Coast. D. S. Solov'ev. Trudy NIIGA 113 147-158 '60.

OATHS

How to administer the solemn oath. Komm. Vooruzh. Sil 1 no. 12 89 Je '61.

OATS

Obtaining Avena fatua from Avena sativa under the influence of ionizing radiation. I. E. Glushchenko, G. M. Zakharova. Agrobiologiia no. 3 402-409 My-Je '61.

OATS—FERTILIZERS AND MANURES

Copper deficiency in peat soils as a cause of lodging of grain in the Polesye biogeochemical province (White Russia). M. K. Maslianaia. Trudy Biogeokhim. lab. no. 11 83-91 '60.

OATS—VARIETIES see subdivision under Caucasus

OB' RIVER—NAVIGATION

On the stretches of the mighty Ob'. Rech. transp. 20 no. 3 49-52 Mr '61.

OB' VALLEY—BIRDS

Birds of the Arctic Urals. N. N. Danilov. Uch. zap. UrGU no. 31 57-73 '59.

OB' VALLEY—INLAND WATER TRANSPORTATION—RATES

Rates for grain transportation in the Ob'-Irtysh Basin. I. Kolesov. Rech. transp. 19 no. 2 9-10 F '60.

OB' VALLEY—MORAINES

Horizon of Taz moraines in the Ob' Valley [with sum- [illegible]

OCEAN CURRENTS
(see also subdivision under Lutzow-Holm Bay)
Longshore and compensation currents along an accumulative shore with a smooth slope. I. P. Shadrin. Trudy Okean. kom. 8:158-169 '61.
Use of fluorescein in determining the direction of surface currents in the sea. Iu. D. Sharkov. Meteor. i gidrol. no. 6:51-52 Je '61.

OCEAN TEMPERATURE see subdivision under Antarctic regions; Atlantic Ocean

OCEANOGRAPHIC INSTRUMENTS
Continuous recording of winds and waves on Lake Baikal. A. K. Kuklin. Trudy Okean. kom. 8:170-178 '61.
Inductance pickup for measuring the vector of hydrodynamic pressure. A. P. Kantser. Trudy Okean. kom. 8:179-185 '61.

OCEANOGRAPHIC RESEARCH
Kushnarev, V. A. [Oceanographic research vessels] Nauchno-issledovatel'skie suda. Moskva, Vses. nauchno-issl. in-t morskogo rybnogo khoz. i okeanografii, 1960. 78 p.

OCEANOGRAPHY
Popular scientific literature and "ocean secrets" ("Ocean secrets" by N. N. Gorskii). Reviewed by D. Shcherbachev). V mire knig 1 no. 5:13-14 My '61.

OCHER—ORPHANS AND ORPHANAGES
Students are building. P. F. Popov, G. K. Shilovskaia. Det. dom 16 no. 4:65-66 '60.

OCTADECANE
Esterification process in the liquid phase oxidation of octadecane [with summary in English]. I. V. Berezin, A. M. Ragimova. Zhur. fiz. khim. 35 no. 4:842-847 Ap '61.

OCTYLAMINE
Extraction of ruthenium and certain other fission products with tri-n-octylamine from nitric acid solutions. V. B. Shevchenko, V. S. Shmidt. Radiokhimiia 3 no. 2:121-128 '61.

ODESSA—AGRICULTURAL EXPERIMENT STATIONS
Odessa varieties. P. Obukhovskii. Nauka i zhizn' 28 no. 4:18-23 Ap '61.

ODESSA—BOOKSELLERS AND BOOKSELLING
Odessa booksellers mistake. Z. Bogomolov. Sov. knizh. torg. 13 no. 4:29-30 Ap '61.

ODESSA—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
A study room of the theory and practice of political information. V. Babenko. Polit. samoobr. 5 no. 6:86-90 Je '61.

ODESSA—CONSTRUCTION INDUSTRY
Results achieved by Odessa Transportation Construction Trust organizations in 1960. E. Levin. Rykon. stroi. no. 4:37-40 Ap '61.

ODESSA—FIRE DEPARTMENTS
Outstanding firemen of Odessa First Precinct Fire Department. Pozh. delo 7 no. 5:29 My '61.

ODESSA—HISTORICAL MUSEUMS
The defense of Odessa. B. S. Kovalevs'kyi. Ukr. ist. zhur. 5 no. 3:159-160 My-Je '61.

ODESSA—PIONEERS (COMMUNIST YOUTH)
Interesting meeting. V. Sretenskaia. Pozh. delo 7 no. 5:14 My '61.

ODESSA—TELEVISION PLAYS
Achievement of the Odessa television studio. A. Starkova. Sov. radio i tel. 8 no. 4:27 '59.

ODESSA, BATTLE OF, 1941
The defense of Odessa. B. S. Kovalevs'kyi. Ukr. ist. zhur. 5 no. 3:159-160 My-Je '61.

ODESSA PROVINCE—ART—STUDY AND TEACHING
Face to face with life and with our times. I. A. Anchilin. Sred. spets. obr. 8 no. 5:23-28 My '61.

ODESSA PROVINCE—COLLECTIVE FARMS
Scholars visit collective farmers. V. Golovchenko. Komsom. zhizn' no. 5:24-25 Mr '60.

ODESSA PROVINCE—EROSION
Gully control. T. P. Fedorchenko. Priroda 50 no. 5:53-54 My '61.

ODESSA PROVINCE—FARM MECHANIZATION
Tractors should have higher speeds. V. Ratkin. Komsom. zhizn' no. 18:13-14 S '60.

ODESSA PROVINCE—TEACHERS, TRAINING OF
Power of friendship. I. Pallivets'. Doshk. vykh. 22 no. 5:5-7 My '61.

OE, KENZABURO, 1935-
Young writers of Japan. Eto Jun. Inostr. lit. no. 4 213-215 Ap '61.

OFFENSES AGAINST SOCIALIST PROPERTY
(see also subdivision under Raksha District)
How to investigate thefts of socialist property. F. Lopushans'kyi. Rad. pravo no. 3:46-49 My-Je '61.

Let's expose those who steal state and communal property. V. Terebilov. Sots. zakon. 38 no. 5:10-14 Je '61.

Socialist property is the cornerstone of our social system. Sots. zakon. 30 no. 6:6-9 Je '61.

OFFSET PRINTING
Introduction of offset plates for hydrophilic paper. S. M. Kozyrutskaia, L. F. Iaroslavskii. Poligr. proizv. no. 4 18-20 Ap '61.

OGINSKI, MICHAL KLEOFAS, 1765-1833
Polonaise by Oginski. Muzyka 30 no. 7:16 Ap '61.

OHMMETER—TESTING
Resistance box for calibrating and testing megohmmeters. N. N. Kalashnikov. Izm. tekh. no. 5:31 My '61.
Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 188-54 for checking ohmmeters, meggers, and faradmeters] Instruktsiia 188-54 po poverke ommetrov, megommetrov i faradmetrov. Izd. ofitsial'noe. Moskva, 1957. 22 p.

OIL FIELD BRINES see subdivision under Turkmenistan; Volga-Ural region

OIL FIELD BRINES—MICROBIOLOGY
Distribution of desulfurizing bacteria along the gradient of the aquiferous layer in the Terek Valley portion of Daghestan. Z. I. Kuznetsova. Vop. gidrogeol. i inzh. geol. no. 18:51-58 '60.

OIL FIELD FLOODING
(see also subdivision under Kala region, Azerbaijan; Samara Bend)
Determining fluid losses in edge and peripheral flooding. M. M. Agabekov, A. P. Ambartsumian. Trudy AzNII DN no. 9:243-253 '60.
Flooding of a producing layer by bottom and top waters penetrating through permeable interlayers. K. I. Kuliev. Trudy AzNII DN no. 9:276-280 '60.

OIL FIELDS see subdivision under Azerbaijan; Bashkiria

OIL FIELDS—EQUIPMENT AND SUPPLIES
(see also subdivision under Nikel' region)
For the excellent maintenance of a work area. V. Derkach. Neftianik 6 no. 5:11-12 My '61.
Mechanizing the cleaning of oil field containers. B. A. Kostin, A. M. Dzhaforov. Bezop. truda v prom. 5 no. 5:20-21 My '61.

OIL FIELDS—PRODUCTION METHODS
(see also subdivision under Azerbaijan; Karadag region, Kuybyshev Province; Romashkino region; Shkapovo region; Siazan' region, Tuymazy region)
Basic principles of programming the development of oil fields. A. P. Krylov. Trudy Inst. geol. i razrab. gor. iskop. 2:130-152 '60.
Commercial experiments on high-pressure gas injection in a petroleum layer. S. L. Zaks. Trudy Inst. geol. i razrab. gor. iskop. 2:100-176 '60.
Consolidated norms of capital investments in oil field production on land. G. I. Blank, P. P. Adamiants, S. I. Tolpekova. Trudy AzNII DN no. 9:320-325 '60.
Economic use of deep pumps in oil wells. I. K. Rzabekova. Trudy AzNII DN no. 8:326-332 '60.
Effect of the place where a layer is tapped on the movement of water-oil contact. G. P. Guseinov. Trudy AzNII DN no. 9:269-276 '60.
Excluding aquifers from oil-bearing layers in drilling operations. IA. A. Shvarts. Trudy AzNII DN no. 9:187-193 '60.
Rasizade, IA. M., and S. G. Kurbanov. [Hydraulic fracturing and drilling problems] Gidravlicheskii razryv plasta i voprosy oslozhnenii pri burenii skvazhin. Red. A. Kh. Mirzadzhanzade. Baku, Azerbaidzhanskoe gos. izd-vo neft. i nauchno-tekhn. lit-ry, 1960. 100 p.

OIL FIELDS—SAFETY MEASURES
Improve working conditions of derrick men. G. O. Sklovskii. Bezop. truda v prom. 4 no. 5:14-15 My '60.
New safety regulations for the petroleum and gas industry. G. V. Drogalin. Bezop. truda v prom. 5 no. 5:37-38 My '61.

OIL INDUSTRIES
(see also subdivision under Shelokino)
On planning and design. I. M. Tovbin. Mash.-zhir. prom. 27 no. 5:11-17 My '61.
Useful manual on technical standards. V. E. Donskov. Mash.-zhir. prom. 27 no. 5:45-46 My '61.
We shall greet the 22d Congress of the CPSU with new efforts in our work. Mash.-zhir. prom. 27 no. 5:1-6 My '61.

OIL INDUSTRIES—EQUIPMENT AND SUPPLIES see subdivision under Zaporozh'ye

OIL INDUSTRIES—EXHIBITIONS
At the Exhibition of the Achievements of the National Economy. L. N. Demin, N. P. Seliverstov. Mash.-zhir. prom. 27 no. 5:7-11 My '61.

OIL OF ROSE see Attar of roses

OIL POLLUTION OF RIVERS, HARBORS, ETC.
Instruction on the prevention of oil-pollution of sea water. Mor. flot 21 no. 5:44 My '61.

OIL RESERVOIR ENGINEERING
Experimental studies of oil expulsion from nonuniform reservoirs. V. G. Ogandzhaniants. Trudy Inst. geol. i razrab. gor. iskop. 2:129-137 '60.
Reservoir models for studying the effect of well spacing on oil recovery. A. P. Krylov, A. G. Kovalev, V. G. Ogandzhaniants. Trudy Inst. geol. i razrab. gor. iskop. 2:120-128 '60.
Separate flow of oil and water in a nonhomogeneous layer. G. F. Gasanov, IA. K. IUnusov. Dokl. AN Azerb. SSR 17 no. 3:187-190 '61.
Some problems in the displacement of the oil boundary. V. G. Prilozhinskaia. Uch. zap. TGU no. 36:51-58 '60.
Studies of the physical chemistry of oil layers. M. M. Kusakov and others. Trudy Inst. geol. i razrab. gor. iskop. 2:71-89 '60.
Using pressure build-up curves for determining the parameters of a petroliferous layer. G. I. Baranblatt. Trudy Inst. geol. i razrab. gor. iskop. 2:153-158 '60.

OIL RESERVOIR ENGINEERING—BIBLIOGRAPHY see Bibliography—Oil reservoir engineering

OIL SANDS see subdivision under Azerbaijan; Kobystan

OIL SANDS—PERMEABILITY see subdivision under Bashkiria

OIL SHALES
(see also subdivision under Carpathian Mountains; Estonia, Ukraine, Western)
Combustion and gasification of oil shale in a channel. V. K. Krukovskii, R. N. Pitin, I. L. Farberov. Trudy IGI 13:87-96 '60.
Gas formation during the gasification of oil shales in a channel. V. K. Krukovskii, R. N. Pitin, I. L. Farberov. Trudy IGI 13:97-102 '60.

OIL WELL CASING
Replacing metal oil well casings by cement casings. N. I. Tikov, N. S. Don. Trudy Inst. geol. i razrab. gor. iskop. 2:65-70 '60.

OIL WELL CEMENTING
Deep-well testing valve. A. P. Medzhid-Zade. Neftianik 6 no. 5:10 My '61.
Study of the characteristics of packing cements. Z. L. Daniushevskaia, M. T. Vlasova, G. P. Gerasimova. Nauch. soob. NIITSementa no. 7:11-20 '60.

OIL WELL DRILLING
(see also subdivision under Azerbaijan; Caspian Sea region, Dnieper-Donets Lowland; United States)
Calculating a suitable hole profile for deep slant wells. N. B. Babaev. Azerb. neft. khoz. 40 no. 3:14-17 Mr '61.
Drilling directional slim wells. D. M. Makhmudov. Trudy AzNII DN no. 9:160-167 '60.
The VO-1o vibrator for sinking and extracting casings. N. S. Bershtam, A. E. Leitgol'd. Gidr. stroi. 30 no. 5:50-51 My '60.

OIL WELL DRILLING—EQUIPMENT AND SUPPLIES see subdivision under Azerbaijan

OIL WELL DRILLING, ELECTRIC—EQUIPMENT AND SUPPLIES
Soviet electric drill. A. Smirnov. Tekh. mol. 29 no. 4:12-13 Ap '61.

OIL WELL DRILLING FLUIDS
(see also subdivision under Dashgil' region)
Chemical inertness of weighting materials. I. D. Faidman, E. D. Shchetkina, A. K. Pokidin. Trudy AzNII DN no. 9:170-186 '60.
Controlling the losses of clay muds. A. M. Avanesova. Trudy AzNII DN no. 9:168-172 '60.

OIL WELL DRILLING RIGS—ELECTRIC EQUIPMENT see subdivision under Sverdlovsk

OIL WELL DRILLING RIGS—TECHNOLOGICAL INNOVATIONS
More attention to the improvement of oil well drilling rigs. R. F. Khoniakin, V. A. Vorob'ev. Bezop. truda v prom. 4 no. 5:16 My '60.

OIL WELL PUMPS
Assembly of pump manifolds on flange couplings. P. N. Petrichenko. Neftianik 6 no. 5:9-10 My '61.

OIL WELLS

Problems involved in the calculation of coning in oil and gas fields. A. N. Telkov. Gaz prom. 6 no. 5 1-4 My '61.

OIL WELLS—EQUIPMENT AND SUPPLIES

Improved design of a cumulative drill. N. B. Akopov. Bezop. truda v prom. 4 no. 5, 21-22 My '60.

Set of devices for underground repairing of oil wells. A. F. Isaeva, Iu. M. Abdullaev. Bezop. truda v prom. 4 no. 5 28-29 My '60.

Subsurface heating devices. A. B. Sheinman, A. I. Sergeev. Trudy Inst. geol. i razrab. gor. iskop. 2:177-193 '60.

Unit for the development of oil wells. NTO 3 no. 5:60 My '61.

OIL WELLS—GAS LIFT

Small lift of simplified design. N. I. Aliev, N. G. Gadzhiev, I. S. Vedeneev. Azerb. neft. khoz. 40 no. 3 32-34 Mr '61.

OIL WELLS—HYDRAULIC FRACTURING

Studying the hydraulic fracturing mechanism. S. A. Khristianovich. Trudy Inst. geol. i razrab. gor. iskop. 2:159-165 '60.

OIL WELLS—TESTING

Speeding up well-testing operations in oil and gas prospecting. P. V. Antsupov. Razved. i okh. nedr. 27 no. 4 12-15 Ap '61.

OILCLOTH

Economic advantages of manufacturing oilcloth with a latex coating. A. R. Narinskaia and others. Kozh.-obuv. prom. 3 no. 1:13-15 Ja '61.

OILS AND FATS

Continuous deodorization and refining of fats by the distillation of free fatty acids. E. E. Fainberg. Masl.-zhir. prom. 27 no. 5, 23-25 My '61.

Culture media containing different oil cake as organic nitrogen sources in fermenting chlortetracycline [with summary in English]. V. G. Makarevich, T. N. Lazmikova. Antibiotiki 6 no. 4 308-311 Ap '61.

Seminar on the improvement of fat deodorization process. Masl.-zhir. prom. 27 no. 5:22 My '61.

OILS AND FATS, EDIBLE

Animal and vegetable fats. Iu. A. Trots'kyi, M. A. Baran. Nauka i zhyttia 11 no. 4, 51 Ap '61.

OINTMENTS

Carboxymethylcellulose sodium as a hydrophilic ointment base. M. Kh. Gluzman, I. B. Levitskaia, G. S. Bashura. Vest. derm. i ven. 35 no. 4:40-44 Ap '61.

OISTRAKH, IGOR'

Beethoven and Bartok in performances of I. Oistrakh. A. Medvedov. Sov. muz. 25 no. 6:167 Je '61.

OKHACHIKUYE—RHODODENDRON

Rhododendrons of the Okhachkuye limestone massif (Abkhazia). E. V. Sokhadze, M. E. Sokhadze. Bot. zhur. 45 no. 4, 578-583 Ap '60.

OKHOTSK, SEA OF—SEISMOMETRY

Transcritical reflections from the Mohorovicic discontinuity. I. P. Kosminskaia, R. M. Krakshina. Izv. AN SSSR. Ser. geofiz. no. 6:822-834 Je '61.

OKINAWA ISLAND—MILITARY BASES, AMERICAN

Unlawful occupants of Okinawa ("Report on Okinawa" by Kamejiro Senaga, "Return Okinawa to Japan!" [both in Japanese]. Reviewed by V. TSvetov). Novyi mir 37 no. 5:276-278 My '61.

OLBIA (BORYSTHENES)—COINS, ANCIENT

"Ancient coins from Olbia and Panticapaeum" [in German] by K. Dittrich. Reviewed by P. O. Karashkovskii. Vest. drev. ist. no. 1, 175-177 '61.

OLD-AGE HOMES see subdivision under Cherepovets

OLD-AGE PENSIONS

Recent legislative enactments. Rad pravo no. 2 136-139 Mr-Ap '60.

OLD CATHOLIC CHURCH

Essays on the history of the Old Catholic Movement. A. Sergeenko. Bog. trudy no. 1:143-174 '60.

OLD CATHOLIC CHURCH—PERIODICALS

Review of "Internationale Kirchliche Zeitschrift" no. 3, July-September 1956. A. Sergeenko. Bog. trudy no. 1: 177-180 '60.

OLDYNDA VALLEY—GEOLOGY, STRATIGRAPHIC

Ancient Cambrian archaeocyathid coenoses of the Oldynda River basin in the Baikal Upland. A. G. Vologdin. Dokl. AN SSSR 136 no. 5:1180-1182 F '61.

OLEFINS

Free radical addition of primary alcohols to α-olefins. G. I. Nikishin, V. D. Vorob'ev, A. D. Petrov. Izv. AN SSSR Otd. khim. nauk no. 5:882-886 My '61.

Role of flat chains in the mechanism governing the catalytic hydropolymerization of olefins under the influence of small amounts of carbon monoxide and in the presence of hydrogen. IA. T. Eidus, N. I. Ershov. Probl. kin. i kat. 10 101-109 '60.

Synthesis of dinitroolefines. E. S. Zonis, O. M. Lerner, V. V. Perekalin. Zhur. prikl. khim. 34 no. 3, 711-712 Mr '61.

Synthesis of esters and other derivatives of carboxylic acids under conditions of acid catalysis from carbon monoxide, olefins, and acylating compounds. Part 6. Synthesis of esters from α-olefins C_9-C_{10} of normal structure. K. V. Puzitskii, IA. T. Eidus, K. G. Riabova. Zhur. ob. khim. 31 no. 5 1689-1693 My '61.

Two types of elementary reaction in the catalytic hydrogenation of olefins. R. E. Mardaleishvili and others. Dokl. AN SSSR 136 no. 1:155-158 Ja '61.

OLEOMARGARINE see subdivision under Moscow

OLEORESINS

Isolation of (+)-δ-cadinol from Pinus sibirica R. Mayr oleoresin and its identity with torreyol and sesquigoyol. V. A. Pentegova, O. Motl, V. Gereut. Dokl. AN SSSR 136 no. 4 850-851 Je '61.

OLESKO DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Praiseworthy initiative. V. Grabovskii. Komm. Ukr. 36 no. 5 85-87 My '61.

OL'GINKA DISTRICT—FORESTS AND FORESTRY—EXPERIMENTAL AREAS

Mariupol Experimental Forest Station. Biul. nauch.-tekh. inform. UkrNIILKhA no. 5, 74-80 '58.

OLIGONITE see subdivision under Sherlovaya Gora

OLIVERIA SALAZAR, ANTONIO DE, 1889-

End of a myth. Jose Almeido Freitas. V zashch. mira no. 5 14-20 My '61.

OLYMPIC GAMES

(see also subdivision under Rome)

From Rome to Tokyo. V. Petrusenko. Moskva 5 no. 4: 218-222 '61.

OMSK—COLLEGE AND SCHOOL DRAMA

Be vigilant! [Drill Shushkovskii. Vsem stud. nov. 15 no. 2 20-21 F '61.

OMSK—CRACKING PROCESS

New raw material has been made available. N. Konlakhin. Neftianik 6 no. 5:30 My '61.

OMSK—PETROLEUM—REFINING

Circulating pad for efficiency proposals. M. Mal'tsev. Neftianik 6 no. 5:31 My '61.

OMSK—RADIO PROGRAMS

Unusual anniversary. N. Lebedev. Sov. radio i tel. 8 no. 4 6 '59.

OMSK—TIRES, RUBBER

The researchers. A. D. Il'ichev. Sov. profsoiuzy 17 no. 10: 28-29 My '61.

OMSK PROVINCE—CRIMINAL PROCEDURE

Our new methods of work. N. Stepanov, V. Trushnikov. Sov. iust. no. 4:16-19 Ap '60.

OMSK PROVINCE—ROAD CONSTRUCTION

Outstanding crews of Omsk road building organizations. F. D., N. R. Avt. dor. 24 no. 3:1-4 Mr '61.

ONCOLOGY

A. A. Bogomolets's theories in the field of the etiology and pathogenesis of cancer and the state of these problems in modern oncology. R. E. Kavetskyi. Fiziol. zhur. [Ukr.] 7 no. 3:311-317 My-Je '61.

ONCOLOGY—CONGRESSES

Most important problems in oncology. I. Urazakov. Vest. AN Kazakh. SSR 17 no. 4:98 Ap '61.

ONIONS

(see also subdivision under Aral Sea region)

Biology of flowering in certain wild onion species. G. V. Delova. Biul. Glav. bot. sada no. 38:68-76 '60.

Effect of growing conditions on the chemical composition and economic features of certain onion species [with summary in English]. G. A. Lukovnikova, A. A. Kazakova. Trudy po prikl. bot., gen. i sel. 32 no. 3:116-132 '59.

Methods of obtaining sterile forms of onion [with summary in English]. A. A. Kazakova. Trudy po prikl. bot., gen. i sel. 32 no. 3:304-305 '59.

Varieties of onion for canning. F. A. Tkachenko, N. M. Shornikova. Kons. i ov. prom. 16 no. 5:26-28 My '61.

ONIONS—DISEASES AND PESTS

Electron microscope examination of onion mosaic viruses [with summary in English]. A. E. Protsenko, R. M. Legunkova. Mikrobiologiia 30 no. 1:165-167 Ja-F '61.

ONTOGENY

Certain trends of research on the ontogenesis of the central nervous system in animals. N. M. Vavilova and others. Usp. sovr. biol. 19 no. 1 104-114 Ja-F '60.

ONTOGENY (BOTANY)

Historical aspect of the interrelationship of developmental stages. I. I. Prezent. Zhur. ob. biol. 22 no. 2:113-119 Mr-Ap '61.

Phosphorus metabolism in the ontogeny of spring wheat. L. N. Kazanskaia. Fiziol. rast. 7 no. 2 234-237 '60.

OOLITE see subdivision under Russian Platform

OPEN-AIR TREATMENT

"Physical therapy without apparatus and physical prophylaxis." Edited by D. A. Markov, E. E. Kulikovskii. Reviewed by V. V. Sheremetovskaia. Med. sestra 20 no. 3 41-42 Mr '61.

OPEN-HEARTH FURNACES

(see also subdivision under Port Kembla, Australia; United States)

Magnesite brick for the checkerwork of open-hearth furnace regenerators. A. N. Miroshnichenko and others. Ogneupory 25 no. 5:197-207 '60.

Making of low-alloy steels in 500-ton open-hearth furnaces [with summary in English]. E. V. Abrosimov and others. Stal' 21 no. 6:499-504 Je '61.

OPEN-HEARTH FURNACES—COMBUSTION

Complete automatization of thermal conditions in open-hearth furnaces. Iu. N. Tuluevskii. Stal' 21 no. 6:566 Je '61.

Improving the combustion data on open-hearth furnaces. V. P. Emel'ianov. Metallurg 6 no. 5 19 My '61.

Investigating the spontaneous carburetting of casing-head gas in open-hearth furnace burners. M. A. Magidson. Stal' 21 no. 6:506 Je '61.

OPEN-HEARTH FURNACES—DESIGN AND CONSTRUCTION

Efficient design of regenerator checkerwork [with summary in English]. G. I. Antonov, Sh. M. Berman. Stal' 21 no. 5:413-411 My '61.

Increasing the output of open-hearth furnaces. A. D. Kliuchnikov. Stal' 21 no. 6 564-565 Je '61.

Leporskii, V. V., and others. [Tilting open-hearth furnaces, design and heat transfer] Kachnushchaiasia martenovskaia pech', konstruktsiia i teplovaia rabota. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 181 p.

Manhole for access to the baffle plate on air ducts. V. P. Emel'ianov. Metallurg 6 no. 5:22 My '61.

Operation of a 400-ton open-hearth furnace with high-pressure natural gas. G. A. Podol'skaia. Metallurg 6 no. 6:13-16 Je '61.

Response to A. D. Kliuchnikov's remarks. M. A. Glinkov, G. M. Glinkov. Stal' 21 no. 6:506 Je '61.

OPEN-HEARTH FURNACES—EQUIPMENT AND SUPPLIES

Improvement of mold holders. A. Kosolapov. Metallurg 6 no. 5:21-22 My '61.

Improving the durability of intermediate ladle linings. V. P. Emel'ianov. Metallurg 6 no. 5 22 My '61.

Increasing the service life of crane rails. V. P. Emel'ianov. Metallurg 6 no. 5, 22 My '61.

Mastering the sintering of Dashkesan ores as acceptable charge for open-hearth furnaces [with summary in English]. S. I. Malyshev and others. Stal' 20 no. 7: 584-590 Jl '60.

Mechanization of the feeding of ferroalloys into the ladle. V. V. Aristov. Metallurg 6 no. 5, 19-20 My '61.

Mechanized operations at the charge hoisting equipment. A. I. IArmolenko, V. I. Shishkin. Metallurg 6 no. 5:20-21 My '61.

New equipment in nonferrous metal plants of the R.S.F.S.R. in 1961. N. I. Sheftel'. Metallurg 6 no. 5:1-2 My '61.

Operating a 400-ton open-hearth furnace on casing-head gas [with summary in English]. F. D. Voronov and others. Stal' 20 no. 7:594-598 Jl '60.

Potentialities for increasing labor productivity in the open-hearth process. A. F. Zakharov and others. Stal' 21 no. 6:560-562 Je '61.

Smelting high-grade steel in open-hearth furnaces fired with natural gas [with summary in English]. V. A. Kudrin and others. Stal' 20 no. 7, 599-602 Jl '60.

OPEN-HEARTH FURNACES—MAINTENANCE AND REPAIR

Rapid making-up of hearth bottoms. V. L. Maksimov. Metallurg 6 no. 6:17-18 Je '61.

OPEN-HEARTH PROCESS

(see also subdivision under Temir-Tau)

Morozov, A. N. [Modern open-hearth process] Sovremennyi martenovskii protsess. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1961. 600 p.

OPEN-HEARTH PROCESS—EQUIPMENT AND SUPPLIES

Using oxygen and steam and oxygen mixtures in the open-hearth process. V. F. Bogatenkov. Stal' 21 no. 6:518 Je '61.

OPERA see subdivision under Lvov, Moscow, Syktyvkar

OPERA, UKRAINIAN
The pearl of Ukrainian music. Borys Khomenko. Ukraina no 8 21 Ap '60

OPERATIONS, SURGICAL
Acute psychosis in the postoperative period. IA. M. Moskovich. Zdrav. Belor. 6 no. 4:60 Ap '60.
Prevention of pains and suppuration following surgery. N. K. Voitenok. Zdrav Belor. 6 no. 4 51-52 Ap '60.

OPERATORS (MATHEMATICS)
Applications of linear operators to the theory of numbers. I IA Kusaia Izv AN Uz SSR. Ser fiz -mat nauk no 2 33-40 '61
Certain estimates connected with integral operators and solutions of elliptic equations V I IUdovich Dokl AN SSSR 138 no 4:805-808 Je '61
Conditions for non-self-adjointness of a second-order linear differential operator N P Kuptsov Dokl AN SSSR 138 no 1:767-770 Je '61
Criterion of the unicellularity of Volterra operators M. S. Brodskii Dokl AN SSSR 138 no 3 512-511 My '61
Extremum problems in the theory of polynomial operators D L Berman Dokl AN SSSR 138 no 4 747-750 Je '61.
Modification of the iterative method with minimal residues for the solution of nonlinear operator equations I A Kivistik Dokl AN SSSR 136 no 1 22-25 Ja '61
Multiplicative representation of certain analytical operator functions. M S Brodskii Dokl AN SSSR 136 no 1 751-754 Je '61
Structure of the resolvent of Schrodinger's operator for a system of three particles interacting in pairs L. D Faddeev. Dokl. AN SSSR 138 no 3:565-567 My '61

OPERETTA see subdivision under Moscow

OPHTHALMOLOGY
(see also subdivision under Azerbaijan, Ukraine)
Consultations for rural oculists. S. F. Kal'fa, D. G. Bushmich. Oft. zhur. 16 no. 3 191-192 '61.

OPHTHALMOLOGY—CONGRESSES
Thirteenth session of the L. L. Glushman Ukrainian Research Institute for Eye Diseases. K. G. Vainer, F. G. Pis'mennaia. Oft. zhur. 15 no. 3:187-192 '60.

OPTIC NERVE
Changes in optic chronaxy and the electroencephalogram caused by the use of substances acting on the trigeminal nerve endings [with summary in English]. K. A. Rushtueva, L. G. Polezhaev, A. D. Semenenko. Biul. eksp. biol. i med. 49 no. 3:65-69 Mr '60.
Size and structure of the visual analyzer (the eye and optic lobes of the brain) of various types of birds in connection with their way of life [with summary in English] T A. Skvortsova Arkh anat gist i embr 38 no 4:34-44 Ap '60

OPTIC NERVE—DISEASES
Diseases of the optic tract in hydrops of the cerebral ventricles. E. I Stroganova Vop neirokhir. 25 no 3.47-51 My-Je '61

OPTIC THALAMUS
Physiological properties of the adrenergic substrate of the reticular formation of the brain stem. I P Anokhina-Rukova Fiziol zhur. 47 no. 2,154-159 F '61
Problem of functional changes in the spinal cord of frogs during stimulation of the optic thalami with sodium and magnesium salts. V F. Shirokii Fiziol zhur. 47 no 5 575-581 My '61
Role of the lateral geniculate body in performance of visual function. M. M Khananashvili Fiziol zhur. 16 no. 2 156-160 F '60.

OPTICAL INSTRUMENTS
Devices for adjusting stand tables for optical indicators. N V. Sergeev. Izm tekh no. 5:14-15 My '60
Optical mechanical measuring devices used in watchmaking. V. I. Sarkin. Priborostroenie no 5:12-13 My '61.
Opticomechanical device for checking curvilinear working surfaces. L. M. Pomerantsev. Priborostroenie no. 5:18-20 My '60.
Possibility of optical simulation of integral transformations. V. P Kozlov. Izv. vys. ucheb. zav., prib. 4 no. 2: 111-116 '61.

OPTICAL INSTRUMENTS—TESTING
Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 108-55 for checking vertical and horizontal optical indicators] Instruktsiia 108-55 po poverke vertikal'nykh i gorizontal'nykh optimetrov. Izd. ofitsial'noe. Moskva, 1957. 23 p.
Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 109-55 for checking ultraoptical indicators] Instruktsiia 109-55 po poverke ul'traoptimetrov. Izd. ofitsial'noe. Moskva, 1956. 14 p.
Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 113-56 for checking optical dividing heads] Instruktsiia 113-56 po poverke opticheskikh delitel'nykh golovok. Izd. ofitsial'noe, Moskva, 1956. 38 p.
Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 114-56 for checking vertical optical length-measuring instruments] Instruktsiia 114-56 po poverke vertikal'nykh opticheskikh dlinomerov. Izd. ofitsial'noe. Moskva, 1957. 19 p.

OPTICAL MEASUREMENTS
Apparatus for measuring the size spectrum of spherical particles and cloud droplets V I Golikov Trudy GGO no 109 78-89 '61
Calculating the passage of a ray through a nonspherical refracting surface of a higher order. V. A. Zverev. Izv. vys. ucheb zav., prib. 4 no. 2 117-121 '61.
Using the interference method for checking ellipsoids of revolution by means of parabolic lenses. N. A. Tarakanov. Izv. vys. ucheb. zav.; prib 3 no. 1 97-104 '60

OPTICS
Fiber optics (from "Scientific American, November, 1960). Nauka i zhizn' 28 no. 4:51-54 Ap '61.

OPTICS—BIBLIOGRAPHY see Bibliography—Optics

OPTICS, PHYSIOLOGICAL
Living optics B. Sergeev IUn tekh. 5 no 1:62-63 Ja '61

ORANGE
Using gibberellin for increasing orange yields. V. F. Verzilov, N. A. Rodionova. Biul. Glav. bot. sada no 38 100-101 '60.

ORATORIO see subdivision under Moscow

ORBIT (EYT)—FOREIGN BODIES
Rare foreign body in the orbit. O. S. Sklianskaia. Oft. zhur. 16 no. 3 186-187 '61.

ORCHIDS
Plastids in cells of the generative organs of orchids V A Poddubnaia-Arnol'di Biul Glav bot sada no 39 54-61 '60

ORDZHONIKIDZE DISTRICT—BOARDING SCHOOLS
Boarding school Uzbekistan 19 no 2-11 F '60.

ORDZHONIKIDZE REGION—PETROLEUM INDUSTRY
Striving for the title of a collective of communist labor N. Saprionov. Neftianik 5 no 5 5-6 My '61

ORE DEPOSITS
(see also subdivision under Abakan region, Sayan Mountains, Altai Mountains; Belokany region; Kara-Mazar, Kuramа Range, Noril'sk region, Terney District; Ulakhan-Tas Range)
Characteristics of the behavior of thallium in deposits of different age. V. V Ivanov. Trudy Inst. min., geokhim i kristallokhim red. elem. no. 3:44-50 '59
Method of metallogenic analysis [with summary in English]. G. A Tvalchrelidze. Sov. geol. 4 no. 3 23-30 Mr '61.
Porosity of rocks and its role in the localization of endogenous ores IU A. Rozanov. Geol. i razv. mestorozh no. 2,57-65 Mr-Ap '61
Relation between endogenetic mineralization and magmatism in the process of geosynchine development [with summary in English]. V. K. Chaikovskii. Sov. geol. 4 no. 3:31-43 Mr '61.
Requirements for the study of mineral deposits from the point of view of engineering geology. G. G. Skvortsov, S. P. Prokhorov. Vop. gidrogeol. i inzh. geol. no. 18:154-175 '59.

ORE DEPOSITS—MAPS
Some principles of plotting metallogenetic maps. L. G. Pospelov. Izv. Sib. otd. AN SSSR Geol. i geofiz. no. 1 16-22 '58.

ORE DRESSING
(see also subdivision under Europe, Eastern; Staro-Pyshminsk; Tyrny-Auz)
Automation of the production processes in the Southern Mining and Dressing Combine crushing plant. I G Pikhalenko, N. S. Sidoruk, A. A. Faermark Gor. zhur. no. 3 53-55 Mr '60
Fall velocity of particles of rock during free and hindered falling. IU A. Markov, A. E. Smoldyrev. Gor. zhur. no. 3:71-72 Mr '60.
Full use of Dzhezdy manganese ore. A. F. Litviniuk. Gor. zhur. no. 3 8-11 Mr '60
Full use of sulphide-magnetite ores from the Ural Mountains. V. K Babak, I. N. Metskhvarishvili, G V Zhukovskii. Gor. zhur. no. 3:3-7 Mr '60.
Material composition and problems of dressing Kerch deposit iron ores. A. U. Litvinenko, G. G. Nevolsa. Trudy Inst. chern. met. AN URSR 12:68-78 '60.
Most efficient ratio of iron ore concentration [with summary in English]. Z. A. Kulagina. Stal' 21 no. 6: 486-489 Je '61.
Properties of concentrates from the roasting and magnetic separation of brown Kerch ore N A Gladkov Trudy Inst chern met AN URSR 12 106-113 '60
Purification of Ore-Dressing Plant waste waters from hydrocarbons I N Shorshor TSvet met 34 no 5 76 My '61
Selection of operating conditions for a reversible-type shaking conveyer and a concentration table E. V. Efimov, N. G. Kopylov. Izv vys. ucheb. zav., gor. zhur. no. 6 129-131 '60
Self adjusting automatic control systems in ore dressing. V. M. Arshinskii Izv vys ucheb zav., gor. zhur. no 6 95-104 '60
Sinter roasting of lead concentrates in foreign countries F M Loskutov, IU V Orlovtsev TSvet met 34 no 5 85-95 My '61
Take into consideration the specific conditions of each deposit. V Polzik, I IAsonov Nar khoz Kazakh 19 no. 5 65-66 My '61.

ORE DRESSING—EQUIPMENT AND SUPPLIES
Automatic control of the removal of heavy fractions from jigging machines by means of radiometric detectors. V. G. Segalin, A. A. Rudanovskii, E. L Vasilevskii Izv. vys ucheb zav., gor. zhur no 6:105-115 '60
Operating conditions of jigs. IA. I. Fomin. Trudy Mekhanobr no. 125 63-100 '60.
Principles of the theory and design of improved electric vibrating machines as single electromechanical systems. B. P. Lavrov. Trudy Mekhanobr no. 125:139-152 '60.
Theory and design of electric vibrating machines. L. P. Levin. Trudy Mekhanobr no. 125:101-138 '60.
Using a segmental diaphragm in measuring pulp consumption at ore-dressing plants. V V Afanas'ev, L G Baish Sbor mat. po avtom proizv prots i disp. no 5 37-43 '60

ORE DRESSING—TECHNOLOGICAL INNOVATIONS
New equipment for dressing poor ores. K. N. Verigo. Biul. tekh.-ekon. inform. no. 4:85-87 '61.

ORE HANDLING
Some problems in the delivery of ore from narrow shrinkage stopes. V. N. Gordeev, I. A. Kovalev. Nauch. rab. stud. GNSO MGI no. 7:25-40 '59.

OREL—CHILDREN—GROWTH
Physical development of children in the city of Orel (1913-1959)[with summary in English] M D Bol'shakova and others Sov. zdrav 20 no 5 9-13 '61

OREL GOVERNMENT—WORKS COUNCILS
Works councils and the beginning of the nationalization of Orel Government industry, from November 1917 to June 1918. Z. V. Terlanova. Uch. zap. Lip. gos. ped. inst. 2:30-58 '58.

ORENBURG—HISTORY
Letter from Orenburg. G. Naboishchikov. Uzbekistan 18 no. 12,21 D '59.

ORENBURG PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
We should learn from progressive experience and then teach other people. A. Klinyshkov. Part zhizn' no 13 37-39 Jl '61.

ORENBURG PROVINCE—ECONOMIC GEOGRAPHY—STUDY AND TEACHING
Teaching economic geography of the U. S. S. R. on the basis of regional study. A. Z. Safiullin. Geog. v shkole 24 no. 3 21-24 My-Je '61.

ORENBURG PROVINCE—GRAIN
Attack on drought. D. Magomedov, R. Ivanova. Komsom. zhizn' no. 5:1-4 Mr '60.

ORENBURG PROVINCE—PALYNOLOGY
Spore and pollen of Kinel' sediments; material on the lignite deposit in Orenburg Province. V. K. Nemkova. Vop. geol. vost. okr. Rus. platf. i IUzh. Urala no. 5:33-40 '60.

ORENBRUG PROVINCE—RELIGION
Art is opposed to religion. IA. Rabinovich. Komsom. zhizn' no. 18:26-29 S '60.

ORES—ELECTRIC PROPERTIES
Determination of the electric conductivity of rocks and ores based on the transient grounding resistance. A. G. Tarkhov, G. M. Vantsian. Razved. i okh. nedr 27 no. 2.53-56 F '61.

ORES—SAMPLING AND ESTIMATION
Defining the reserves of diffused elements in commercial deposits of nonferrous metals. V. N Leksin, L. V Smirnlagin. Gor. zhur. no 3:11-14 Mr '60.
Method of studying stockwork deposits in the Dzhidinskiy ore field [with summary in English]. A. S. Fil'ko, M. N. Khylugurov, S. S. Tentilov. Sov. geol. 4 no. 3.44-55 Mr '61.

OSTASHKOV—LEATHER INDUSTRY
From work practices of the Ostashkov Leather Factory. F. V. Mironov. Kozh.-obuv. prom. 3 no. 4:28-30 Ap '61.

OSTEITIS FIBROSA
Khelimskii, M. A. [Recklinghausen's disease; parathyroid osteosis] Bolezn' Reklingauzena, parathireoidnyi osteoz. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 94 p.
(DNLM)

Sarcomatous adenocarcinoma of the parathyroid gland with fibrocystic osteosis. E. Angelescu and others. Khirurgiia 37 no. 5:84-87 My '61.

OSTEOMYELITIS
Reconstruction of the knee joint in the absence of one of femoral condyles. Z. A. Llandres. Ortop. travm. i protez. 22 no. 1:76-77 Ja '61.

OSTEOPLASTY see Bone grafting

OSTRACODA, FOSSIL see subdivision under Dzhezkazgan District; Russian Platform
Incompleteness of the Llandovery stage in Podolia based on studies of ostracod. V. S. Kranditova-Kyi. Geol. zhur. 20 no. 2:111-117 '60.

OSTROG DISTRICT—SOCIAL GROUP WORK
Side by side with collective farmers. M. Zhyhadlo. Sots. kul't. 14 no. 5:26-27 My '61.

OSTROGRADSKII, MIKHAIL VASIL'EVICH, 1801-1862
Grigor'ian, A. T. [Mikhail Vasil'evich Ostrogradskii] Mikhail Vasil'evich Ostrogradskii. Moskva, Izd-vo Akad. nauk SSSR, 1961. 89 p. (Nauchno-populiarnaia serila)

OSTROVSKII, ALEKSANDR NIKOLAEVICH, 1823-1886
Akademiia nauk SSSR. Institut russkoi literatury. A. N. Ostrovskii. Moskva, 1960. 228 p. (Opisanie rukopisei i izobrazitel'nykh materialov Pushkinskogo doma, no. 6)
(NNC)

OSTROZ'KYI, VASYL'-KOSTIANTYN, 1527-1608
Harion, Metropolitan of Winnipeg and All Canada. [Prince Kostiantyn Ostroz'kyi and his cultural works; a historical monograph] Kniaz' Kostiantyn Ostroz'kyi i joho kul'turna pratsia, istorychna monografiia. Winnipeg, 1958. 216 p.

OTOLARYNGOLOGICAL SOCIETIES see subdivision under Kiev Province

OTOLARYNGOLOGY
"Collection of articles of the Lvov Branch of the All-Union Otorhinolaryngological Society." Reviewed by I. I. Potapov. Vest. otorin. 22 no. 1:97 Ja-F '60.

Endophotography in otorhinolaryngology. Iu. F. Sarkush-Zalesskii. Vest. otorin. 22 no. 1:72-73 Ja-F '60.

Medical care of the rural population in diseases of the ear, nose, and throat. L. B. Blekher. Sov. zdrav. 20 no. 1:43-46 '61.

Modern anesthesia in otorhinolaryngological diseases. B. A. El'kun. Akt. vop. obezbol. no. 2:37-47 '59.

Survey of some articles published in "Otolaryngologia Polska" in 1958. G. S. TSimmerman. Vest. otorin. 22 no. 1:117-119 Ja-F '60.

OTOLARYNGOLOGY—BIBLIOGRAPHY see Bibliography—Otolaryngology

OTOLARYNGOLOGY—CONGRESSES
Fifth All-Union Congress of Otorhinolaryngologists. V. F. Undritz. Vest. AMN SSSR 14 no. 5:82-86 '59.

OTOLARYNGOLOGY—EQUIPMENT AND SUPPLIES
Endolaryngography is a method for the objective registration of the movements of the vocal chords by means of photoelements. A. V. Khokhlov. Vest. otorin. 22 no. 1:74-76 Ja-F '60.

"Our experience in using a sonic probe" (from "Cheskoslov otolar.," 7, no. 4, 1959). Reviewed by V. F. Undritz. Zhur. ush., nos. i gorl. bol. 20 no. 1:82 Ja-F '60.

Rhinopneumometer. N. S. Mironova. Med. prom. 15 no. 3:51-53 Mr '61.

Use of laryngeal mirror for observation of endoaural operations. A. P. Svetlaev. Vest. otorin. 22 no. 1:81-82 Ja-F '60.

OTOSCLEROSIS
Method and technic for surgery on the stapes in otosclerosis. A. I. Kolomiichenko, V. A. Gukovich, I. A. IAshan. Zhur. ush., nos. i gorl. bol. 20 no. 1:17-21 Ja-F '61.

Method of teaching fenestration of the aural labyrinth in otosclerosis [with summary in English]. I. A. Zhukov. Vest. otorin. 22 no. 1:29-31 Ja-F '60.

OTYNYA DISTRICT—ANTIQUITIES
Bronze axes. P. Arsenych. Ukraina no. 8:32 Ap '60.

OUTBOARD MOTORBOATS—MODELS
Model of a boat with steam jet engine. A. M. Nedusev. Shkola i proizv. 5 no. 5:27-29 My '61.

OVARIES
Regenerative features of the rat ovary following compensatory hypertrophy [with summary in English]. N. S. Artem'eva. Biul. eksp. biol. i med. 51 no. 1:89-96 Ja '61.

Specific features of the development of ovaries in newborn Romanov ewe lambs. E. F. Polikarpova, M. V. Nevzgodina. Dokl. AN SSSR 136 no. 5:1252-1255 F '61.

OVARIES—BLOOD SUPPLY
"Blood supply of the normal and pathological ovary" [in French] by J. Gaubert. Reviewed by L. D. Ettingen. Arkh. anat. gist. i embr. 39 no. 7:111-113 Jl '60.

OVARIES—DISEASES
Comparative differential diagnostic test in intra-abdominal hemorrhages in women. V. S. Leshuk. Ped., akush. i gin. 22 no. 4:2 of cover '60.

OVARIES—TRANSPLANTATION
Autoplasty of the ovaries in rabbits. L. A. Chudnovskii. Fiziol. zhur. 47 no. 5:638-642 My '61.

Significance of the nervous factor in the survival of an ovarian transplant [with summary in English]. O. V. Volkova. Arkh. anat. gist. i embr. 40 no. 2:17-23 F '61.

OVARIES—TUMORS
Hormone-producing tumor of the ovary in a 7-year-old girl. B. M. Kotliarenko, M. S. Glusker. Probl. endok. i gorm. 7 no. 2:98-99 Mr.-Ap. '61.

OVECHKIN, VALENTIN VLADIMIROVICH, 1904
Valentin Ovechkin. M. Lapshin. Neva no. 4:183-191 '61.

OVERVOLTAGE
Effect of the concentration and nature of alkali on oxygen overvoltage on a nickel anode. IA. I. Turkiian, A. I. Zimman. Dokl. AN SSSR 136 no. 5:1154-1157 F '61.

OVRUCH DISTRICT—FORESTS AND FORESTRY—EXPERIMENTAL AREAS
Polessk Silvicultural Land Improvement Station. Biul. nauch.-tekh. inform. UkrNIILKhA no. 5:112-114 '58.

OVULATION
Physiological mechanism of the regulation of oocyte maturation and ovulation in the pond loach (Misgurnus fossilis (L.)). IA. D. Kirshenblat. Vop. ikht. 1 no. 1:166-183 '61.

OWLET MOTHS
Food specialization in the owlet moths Polia oleracea L. and P. dissimilis Knoch [with summary in English]. O. I. Merzheevskaia. Zool. zhur. 40 no. 5:707-714 '61.

OXABICYCLOHEPTANEDICARBOXYLIC ACID
Production of a disodium salt of hexahydro-3, 6-endoxy-phtalic acid (endothal). Gidroliz. i lesokhim. prom. 14 no. 4:32 '61.

OXALIC ACID
Glycocoll and glyoxylic and oxalic acids in urine in normal infants during their first year of life [with summary in English]. M. M. Alimova. Vop. med. khim. 6 no. 2:151-157 Mr.-Ap. '60.

OXETANE
Synthesis and polymerization of 3, 3'-bis (chloromethyl) oxacyclobutane. M. Logotski and others. Zhur. prikl. khim. 34 no. 3:640-644 Mr '61.

OXIDASE
Oxidative enzymes in blood cells and bone marrow in leukemia and hypoplastic anemia [with summary in English, p. 61]. E. I. Terent'eva, L. I. Kazanova, F. E. Fainshtein. Probl. gemat. i perel. krovi 5 no. 2:3-8 F '60.

OXIDATION
Alternation of certain physical properties of paraffin in the process of its oxidation in the foamed condition. V. V. Nesmelov and others. Izv. vys. ucheb. zav., khim i khim. tekh. 4 no. 2:283-286 '61.

Composition of oxygen-containing compounds formed in the liquid phase oxidation of n-pentadecane by air. V. V. Kamzolkin and others. Trudy Inst. nefti 14:65-75 '60.

Conditions of exchange reactions between iodine compounds of different degrees of oxidation in aqueous solutions. IU. IA. Finkov. Izv. vys. ucheb. zav., khim i khim. tekh. 4 no. 2:314-315 '61.

Critical phenomena observed during the liquid phase oxidation of butane in benzene. E. A. Blumberg, A. D. Matlevskii, N. M. Emanuel'. Dokl. AN SSSR 136 no. 5:1130-1132 F '61.

Esterification process in the liquid phase oxidation of octadecane [with summary in English]. I. V. Berezin, A. M. Ragimova. Zhur. fiz. khim. 35 no. 4:842-847 Ap '61.

High-temperature oxidation of high-melting alloys. Part 3: Tungsten-niobium alloys. R. F. Vlotovich. Fiz. met. i metalloved. 11 no. 2:220-223 F '61.

Initiating stage in the oxidation of acetaldehyde [with summary in English]. N. A. Sokolova, A. M. Markovich, A. B. Nalbandian. Zhur. fiz. khim. 35 no. 4:850-857 Ap '61.

Intermediate activated complexes in the catalytic oxidation of hydrocarbons. L. IA. Margolis. Probl. kin. i kat. 10:110-111 '60.

Kinetics of low-temperature oxidation of a lump of coal. N. D. Alekseeva. Trudy Inst. gor. dela 5:129-130 '60.

Letter to the editor. A. V. Shreider. Izv. vys. ucheb. zav., khim i khim. tekh. 4 no. 2:343 '61.

Mechanism of electronic exchange in the photooxidation of water on semiconductors. G. A. Korshunovskii. Probl. kin. i kat. 10:87 '60.

Mechanism of oxidation, hydrogenation, and electrochemical combustion on solid catalysts. Part 1: Oxidation of sulfur dioxide on an activated carbon surface at 20°C in the presence of water vapor [with summary in English]. O. K. Davtian, E. N. Ovchinnikova. Zhur. fiz. khim. 35 no. 4:713-718 Ap '61.

Radiation oxidation of nitrogen. Part 5: Kinetics of nitrogen oxidation induced by γ-radiation, and the part played by ion recombination [with summary in English]. M. T. Dmitriev, S. IA. Pshezhetskii. Zhur. fiz. khim. 34 no. 4:880-887 Ap '60.

Replacing uranyl nitrate by naphthol yellow in the standard determination of oxidability of commercial ethyl alcohol [with summary in English]. I. S. Mustafin, N. K. Nemkova. Zhur. anal. khim. 16 no. 2:255 Mr.-Ap. '61.

Reply to A. V. Shreider's letter. Izv. vys. ucheb. zav., khim i khim. tekh. 4 no. 2:334 '61.

Study of the radiation oxidation of benzene in aqueous solution by means of tagged atoms. I. I. Bartasheva and others. Dokl. AN SSSR 136 no. 1:143-146 Ja '61.

OXIDATION, PHYSIOLOGICAL
Change in the acid-base equilibrium and in the oxidation-reduction processes in peritonitis combined with blood loss [with summary in English]. E. M. Neiko, L. IA. Fishchenko. Biul. eksp. biol. i med. 50 no. 10:62-65 O '60.

Change in the character of oxidative processes during the performance of work at moderate and maximum tempo in different combinations. N. P. Tiremenko. Fiziol. zhur. 46 no. 2:206-213 F '60.

Enzymatic oxidation of adrenaline, noradrenaline, and tyramine in the liver and heart of rabbits [with summary in English]. P. A. Kaliman. Biokhimiia 26 no. 2:284-289 Mr.-Ap. '61.

Hematin catalysis of vitamin A and fat oxidation [with summary in English]. A. A. Dmitrovskii. Biokhimiia 26 no. 2:225-233 Mr.-Ap. '61.

Intravital isolation of reducing substances in cultures of micro-organisms [with summary in English]. I. L. Babotnova and others. Mikrobiologiia 30 no. 1:3-8 Ja.-F. '61.

Role of nonphosphorylating oxidation in thermoregulation [with summary in English]. V. P. Skulachev, S. P. Maslov. Biokhimiia 25 no. 6:1055-1064 N.-D. '60.

Some data on the relationship of nitrogen fixation with respiration and oxidative phosphorylation in Azotobacter vinelandii [with summary in English]. G. N. Zaitsev, A. I. Agafova, A. N. Belozerskii. Biokhimiia 26 no. 2:338-349 Mr.-Ap. '61.

OXIDATION-REDUCTION REACTION
Effect of organic complexing agents on the oxidation-reduction potential of the V^{4+}/V^{3+} system [with summary in English]. I. A. TSerkovnitskaia, I. D. Prudnikov, N. A. Kustova. Vest. LGU 16 no. 10:133-136 '61.

Effect of the oxidation-reduction properties of solutions absorbed by seeds on the vernalization rate and branching of oats [with summary in English]. F. IA. Mekhanik. Fiziol. rast. 8 no. 3:330-337 '61.

Effect of wilting on carbohydrate transformation [with summary in English]. N. V. Subbotina. Fiziol. rast. 8 no. 3:279-283 '61.

Influence of the $K_2S_2O_8$ - $K_2S_2O_5$ oxidation-reduction system on the kinetics of the static polymerization of acrylonitrile. E. S. Roskin, G. B. Karpenko. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 2:280-282 '61.

New method of measuring the oxidation-reduction potential of sedimentary rocks. G. Bardossy, M. Bod. Geokhimiia no. 3:247-250 '60.

Oxidation-reduction equilibrium in the uranium - iron system in a carbonate environment and its significance in geochemistry [with summary in English]. G. B. Naumov, O. F. Mitronova. Geokhimiia no. 3:241-246 '60.

Oxidation-reduction processes in connection with the acidity regime of postmagmatic solutions [with summary in English]. A. A. Marakushev. Geokhimiia no. 3:214-221 '60.

OXIDES
Catalytic hydrogenation of organic oxides in a flow system at a high hydrogen pressure. N. I. Shuikin and others. Dokl. AN SSSR 136 no. 5:1120-1122 F '61.

Selection of synthetic, stable oxide catalysts for cracking. L. I. Piguzova. Probl. kin. i kat. 10:303-309 '60.

Spectroscopy of elementary processes on the surface of oxide catalysts. A. N. Terenin. Probl. kin. i kat. 10:214-224 '60.

OXIMES
Preparation of nitro compounds from oximes. A. V. Topchiev, N. N. Kaptsov, I. E. Balitskaia. Trudy Inst. nefti 14:90-97 '60.

OXONIUM CHLOROANTIMONATE
Vapor composition over $SbCl_5H_2O$. HCl. R. D. Shapovalova, V. N. Bolkunov. Zhur. fiz. khim. 35 no. 4 953 Ap '61.

OXYACETYLENE WELDING see Gas welding and cutting

OXYGEN
Effect of oxygen absorption on the oxidation of ferrocyanide ions on a gold electrode [with summary in English]. O. L. Kabanova. Zhur. anal. khim. 16 no. 2:135-140 Mr-Ap '61.
Effect of superstoichiometric oxygen on the catalytic, adsorptive, and electrical properties of nickelous oxide. I. N. Kutseva. Dokl. AN SSSR 136 no. 2 409-411 My '61.
Effect of the concentration and nature of alkali on oxygen overvoltage on a nickel anode. IA. I. Turian, A. I. Zaitman. Dokl. AN SSSR 136 no. 5 1151-1157 F '61.
Effect of water and oxygen on the polymerization of ethylene on a chromium oxide catalyst. G. K. Boreskov, V. A. Dzisko, T. IA. Tiukova. Dokl. AN SSSR 136 no. 1 125-128 Ja '61.
Interaction between molecular oxygen and the free valences of coal. N. N. Tikhomirova and others. Probl. kin. i kat. 10:426-428 '60.
Photosorption of oxygen and structure of the surface of silicate catalysts. Iu. P. Solonitsyn. Probl. kin. i kat. 10:292-293 '60.
Profsoiuz rabochikh mashinostroeniia. TSentral'nyi komitet. [Rules for accident prevention and industrial hygiene in the production of acetylene, oxygen, and in the flame machining of metals] Pravila tekhniki bezopasnosti i proizvodstvennoi sanitarii pri proizvodstve atsetilena, kisloroda i gazoplamennoi obrabotke metallov. Soglasovany s Glavnoi Gosudarstvennoi sanitarnoi inspektsiei SSSR 27 sentiabria 1958 g. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959. 100 p.
Stoichiometric analysis of three reactions taking place simultaneously during the interaction between carbon and oxygen. B. M. Derman. Trudy IGI 13:19-26 '60.
Using a mixture of hydrogen and nitrogen for the removal of dissolved oxygen. K. D. Omarova. Zav. lab. 27 no. 5:551 '61.
Work experience of a gas plant producing hydrogen and oxygen. V. L. Karpenko, N. P. Bloshchanenko, IU. I. Turbovets. Masl.-zhir. prom. 27 no. 5:37-39 My '61.

OXYGEN—INDUSTRIAL APPLICATIONS
Design and performance investigation of small capacity converters. N. P. Levents, V. M. Pobegailo. Trudy Inst. met. no. 4:67-73 '60.
Use of oxygen in metallurgy. I. P. Bardin. Trudy Inst. met. no. 1:3-34 '60.

OXYGEN—PHYSIOLOGICAL EFFECT
Oxidation phosphorylation of the brain exposed to oxygen under increased pressure [with summary in English] Z. G. Bronovitskaia, Z. S. Gershenovich. Biokhimiia 25 no. 6:981-986 N-D '60.

OXYGEN—TOXICOLOGY
Amide and carboxyl groups of brain proteins in oxygen intoxication [with summary in English]. Z. S. Gershenovich, A. A. Kichevskaia. Biokhimiia 25 no. 2:310-317 Mr-Ap '60.

OXYGEN THERAPY
Curves of oxygen saturation of the arterial blood and its diagnostic significance in the evaluation of the effectiveness of oxygen therapy in patients with arterial hypoxemia. Z. A. Gorbunkova. Ter. arkh. 33 no. 4:31-42 '61.
Oxygen therapy in arthrosis deformans and sequelae of internal injuries of the knee joint abstract. P. Z. Zavesa. Ortop. travm. i protez. 22 no. 1:81-82 Ja '61.

OXYGEN WELDING AND CUTTING see Gas welding and cutting

OYASH—COLLECTIVE FARMS
Taking into account the urgent needs of collective farms. M. Pliasunov. NTO 3 no. 5:11-12 My '61.

PACIFIC AREA—GEOLOGY, STRATIGRAPHIC
Comparison of the Triassic stratigraphy of the countries around the Pacific Ocean. L. D. Kiparisova. Biul. VSEGEI no. 1:27-40 '58.

PACIFIC OCEAN—ECHINOIDEA
Echinoid fauna of the Far Eastern seas of the U. S. S. R. T. S. Pergament. Issl. dal'nevost. mor. SSSR no. 7:144-150 '61.

PACIFIC OCEAN—ISOPODA
Species of Jaropsidae (Crustacea, Isopoda, Asellota), a family hitherto unknown in the fauna of the U. S. S. R., found in the Far Eastern seas [with summary in English]. O. G. Kusakin. Zool. zhur. 40 no. 5:666-675 '61.

PACIFIC OCEAN—POLYZOA
A list of moss animal species (Bryozoa) from the Far Eastern seas of the U. S. S. R. G. A. Kluge. Issl. dal'nevost. mor. SSSR no. 7:116-143 '61.

PACIFIC OCEAN—PYCNOGONIDA
Pantopoda from the Far Eastern seas of the U. S. S. R. L. K. Lozina-Lozinskii. Issl. dal'nevost. mor. SSSR no. 7 17-117 '61.

PACIFIC OCEAN—SCORPION FISHES
Some data on the ecology of sea scorpions (fam. Scorpaenidae) in the Northern Pacific. P. A. Moiseev, I. A. Parakitsov. Vop. ikht. 1 no. 1 39-45 '61.

PACIFIC OCEAN—STARFISHES
A survey of starfish species of the genus Henricia Gray from the northwestern part of the Pacific Ocean. A. M. D'iakonov. Issl. dal'nevost. mor. SSSR no. 7:5-46 '61.

PACIFIC OCEAN—TERRESTRIAL ELECTRICITY
Measurement of electric fields in the sea. L. G. Solov'ev. Dokl. AN SSSR 136 no. 2:445-447 My '61.

PACIFIC OCEAN—THUNDERSTORMS
Observations on a thunderstorm in the Pacific Ocean. K. P. Vasil'ev. Meteor. i gidrol. no. 6:45 Je '61.

PACIFIC OCEAN—TIDES—MAPS
New charts of cotidal lines of semidiurnal tide waves (M_2 and S_2) for the Pacific Ocean. K. T. Bogdanov. Dokl. AN SSSR 138 no. 2 111-114 My '61.

PACKED TOWERS
Experimental check of the method of calculating the height of countercurrent packed and plate columns in processes involving the solution of a one-component disperse phase (the system toluene - diethylene glycol). B. I. Braunshtein and others. Zhur. prikl. khim. 34 no. 3 548-557 Mr '61.

PACKING (MECHANICAL ENGINEERING)
New book on gland packings. V. K. Kharitonov. Khim. mash. no. 3 46-47 My-Je '60.
New packing. N. A. Romanov. Mashinostroitel' no. 5:26-27 My '60.
Stuffing-box packings of (polytetrafluoroethylene) plastic in hydraulic and gas-driven piston machines. A. Kh. Trukhin. Khim. mash. no. 3:8-9 My-Je '60.

PAIN
Effect of nociceptive (pain) stimulations on the spasmodic effect of camphor [with summary in English]. A. P. Vere shchagin, S. M. Dionesov. Biul. eksp. biol. i med. 49 no. 3:70-72 Mr '60.
Effect of pain stimuli on the phagocytic activity of leukocytes in horses [with summary in English]. A. F. Rusinov. Biul. eksp. biol. i med. 49 no. 2:81-85 F '60.
Prevention of pains and suppuration following surgery. N. K. Voitenok. Zdrav. Belor. 6 no. 4 51-52 Ap '60.

PAINT MATERIALS
Water emulsified perchlorovinyl color compounds for reinforced concrete and other panels. A. S. Leikin, IU. A. Purinson. Stroi. mat. 7 no. 4:18-19 Ap '61.

PAINTERS
Delacroix, Eugène. [Thoughts on art; on famous painters. Translated from the French. Preface by V. Prokof'ev] Mysli ob iskusstve, o znamenitykh khudozhnikakh. Moskva, Izd-vo Akad. nauk SSSR, 1960. 270 p.

PAINTING
An analysis of painting for the viewer. I. Ermolaeva. V mire knig 1 no. 3:36 Mr '61.

PAINTING, INDUSTRIAL—SAFETY MEASURES
Improving working conditions in paint shops. IU. A. Dukhanin. Mashinostroitel' no. 5:35-37 My '61.

PAINTINGS
Leningrad, Gosudarstvennyi russkii muzei. [Album of reproductions] Al'bom reproduktsii. Moskva, Gos. izd-vo izobraz. iskus., 1960. vi p. illus. plates. (NN)

PAINTINGS, AZERBAIJANI
The painting of Soviet Azerbaijan. N. Gabibov. Iskusstvo 24 no. 6 12-21 '61.

PAINTINGS, UKRAINIAN—EXHIBITIONS
The Ukrainian exhibition of amateur painters. S. Muzychenko. Nar. tvorch. ta etn. 4 no. 4 143-145 O-D '60.

PAKISTAN—AGRICULTURE
Agrarian blind alley in Pakistan. Muhammed Kabir. Nov. vrem. 19 no. 23:19 Je '61.

PAKISTAN—FOREIGN RELATIONS—AFGHANISTAN
The problem of Pushtunistan in the foreign policy of present-day Afghanistan. L. B. Teplinskii. Krat. soob. Inst. vost. no. 37:9-17 '60.

PAKISTAN—PATHANS
The problem of Pushtunistan in the foreign policy of present-day Afghanistan. L. B. Teplinskii. Krat. soob. Inst. vost. no. 37:9-17 '60.

PALATE
Protector for the neurovascular bundle in resection of the edge of the greater palatine foramen. F. G. Saifullin. Stomatologiia 40 no. 1:99 Ja-F '61.

PALATE—INNERVATION
Innervation of the posterior arcus palatini in man and in some animals [with summary in English]. L. N. Chernysheva. Arkh. anat. gist. i embr. 40 no. 3:37-38 Mr '61.

PALATE—SURGERY
Method of preparing a floating obturator. S. P. Mudryi. Stomatologiia 40 no. 1 100-101 Ja-F '61.

PALEEV, IL'IA ISAAKOVICH, 1901-
Il'ia Isaakovich Paleev, on his 60th birthday. I. L. Linbushits and others. Inzh.-fiz. zhur. 4 no. 5 125-216 My '61.

PALEI, PETR NIKOLAEVICH, 1900-
Petr Nikolaevich Palei. Zhur. anal. khim. 16 no. 2:256 Mr-Ap '61.

PALEOBOTANY
(see also subdivision under Kuznetsk Basin)
Incompleteness of geological annals and some problems in studying the history of the earth's vegetable kingdom [with summary in English]. A. I. Tolmachev. Vest. LGU 16 no. 9 26-35 '61.

PALEOBOTANY—PLEISTOCENE see subdivision under Carpathian Mountain region

PALEOBOTANY, STRATIGRAPHIC see subdivision under Aldan Plateau, Aldan Valley, Bashkiria; Caspian Depression; Donets Basin; Ufa Valley, Ural River Valley; Volga Valley

PALEOCLIMATOLOGY
Paleogene-Neogene sediment accumulation provinces in northwestern Asia. V. V. Lavrov. Dokl. AN SSSR 138 no. 2 431-434 My '61.

PALEOGEOGRAPHY
(see also subdivision under Anadyr' Valley; Azov, Sea region; Black Sea region; Chernyye Gory, Kuznetsk Ala-Tau, Russian Platform; Siberia, Western; Ural Mountain region)
Some Devonian algae of Central Asia and other regions of the U. S. S. R. and their rock-forming and paleogeographic significance. A. D. Miklukho-Maklai. Dokl. AN SSSR 138 no. 3 655-658 My '61.

PALEOGRAPHY
The handwriting of Dionisii Zobninovskii. O. A. Belobrova. Trudy ODRL 17 368-390 '61.
How the current methods of photographic interpretation can be used in paleography and the study of historical sources. V. S. Golyshenko, V. S. Liublinskii, D. P. Erastov. Probl. istoch. no. 9:400-432 '61.
The Lisitskiy Monastery as a suburban center for book writing in Novgorod. A. I. Semenov. Trudy ODRL 17 369-373 '61.

PALEOLITHIC PERIOD see Stone age

PALEONTOLOGICAL SOCIETIES see subdivision under Siberia

PALEONTOLOGY see subdivision under Caucasus, Kazakhstan; Russia, Northern

PALEONTOLOGY, STRATIGRAPHIC
(see also subdivision under Uzyndy-Aral, Cape)
Vsesoiuznoe mezhduvedomstvennoe soveshchanie po izucheniiu chetvertichnogo perioda, Moscow, 1957. [Materials from the All-Union Interdepartmental Conference on the Study of the Quaternary Period] Materialy.... Moskva, Izd-vo Akad. nauk SSSR.
Vol. 1. [General questions in the study of the Quaternary period. History of Quaternary flora, fauna, and fossil man] Obshchie voprosy izucheniia chetvertichnogo perioda. Istoriia chetvertichnoi flory, fauna i iskopaemogo cheloveka, 1961. 495 p.
Vol. 2. [Quaternary sediments in the European part of the U. S. S. R.] Chetvertichnye otlozheniia Evropeiskoi chasti SSSR, 1961. 502 p.

PALLADIUM
Possible existence of chain mechanisms in the catalysis on metals. V. B. Kazanskii, V. V. Voevodskii. Probl. kin. i kat. 10:308-403 '60.
Structure of the surface bonds of carbon monoxide on palladium based on data of adsorption measurements and infrared spectra. N. N. Kavtaradze, V. I. Lygin. Dokl. AN SSSR 138 no. 3:616-618 My '61.
Use of a semipermeable membrane in the study of the chain characteristics of surface reactions. M. I. Temkin, L. O. Apel'baum. Probl. kin. i kat. 10:392-397 '60.

PALLADIUM—ANALYSIS
Determination of palladium and nickel, and also palladium and copper in a single sample [with summary in English]. A. S. Pesis. Zhur. anal. khim. 16 no. 2:253-254 Mr-Ap '61.

PALLADIUM—ISOTOPES
Preparation of silver-111 from neutron-irradiated palladium. V. I. Levin, N. G. Serebriakov, I. V. Meshcherova. Radiokhimiia 2 no. 1:120-126 '60.

PALLADIUM COMPOUNDS

Interaction in the system palladium - dimethylglyoxime - trivalent iron [with summary in English] Z. G. Golubtsova, L. I Lebedeva, IU. V. Morachevskii. Zhur. anal. khim. 16 no. 2:191-195 Mr-Ap '61.

Spectrophotometric study of complex palladium (II) chlorides in aqueous solutions [with summary in English]. S. A. Shchukarev and others Vest LGU 16 no 10 152-155 '61

PALYNOLOGY

(see also subdivision under Bashkiria, Napas region, Orenburg Province, Pechora Basin)

Diagnosis of Pleistocene alder trees from pollen. I. G. Veronina Vop geol. vost. ob. Rus platf i Urzh Urala no 5 128-131 '60.

Method of determining the age of sediments from the data from a palynological analysis. I. M. Pokrovskaia. Biul. VSEGEI no. 1:174-179 '58.

Spore and pollen spectra of Quaternary sediments of the Altai foothills O. V. Matveeva. Izv. Sib. otd AN SSSR Geol. i geofiz no. 1 72-83 '58

PAMIRS—DESCRIPTION AND TRAVEL

"Through the unexplored Pamirs" by N. Krylenko. Reviewed by E. M. Pospelov. Priroda 50 no. 5: 119-120 My '61.

PAMIRS—GEOLOGY, STRATIGRAPHIC

History of the geological development of the Pamirs and adjacent parts of Asia in the Meso-Cenozoic (Triassic and the lower Cretaceous) [with summary in English] V N Krestnikov. Sov. geol 4 no. 4:60-85 Ap '61

PAMIRS—RIVERS

Supply and runoff features of Pamir rivers. V. V. Golovin. Uch. zap. Stal. gos. ped. inst no. 21 65-70 '59.

PANAMA CANAL—PILOTS AND PILOTAGE

Maksimadzhi, M. I. [Pilotage in the Kiel, Suez, and Panama Canals] Lotsmanskaia sluzhba na Kil'skom Suetskom i Panamskom kanalakh. Moskva, Izd-vo "Morskoi transport," 1961. 42 p.

PANARIS see Felon (Disease)

PANCREAS

Changes in the electrical activity of the brain as a result of a partial resection of the pancreas. A A Uzbekov, A D IAsnituk Fiziol zhur 47 no 3 382-387 Mr '61.

Pancreatic function in patients with circulatory insufficiency. I. V. Kozlovskii. Zdrav. Belor. 6 no. 4. 30-34 Ap '60.

Variations in the position and form of the pancreas [with summary in English] O. V. Pronin. Arkh anat gist i embr 40 no. 3:61-65 Mr '61.

PANCREAS—CANCER

Mistakes in the diagnosis of cancer of the pancreas. D. M. Kulik. Zdrav. Belor. 6 no. 4:24-25 Ap '60.

PANCREAS—SECRETIONS

Effect of experimental tuberculosis on exocrine functions of the pancreas V V Pushkarev. Probl tub 39 no 3 77-80 '61

Effect of food on the function of the pancreas in calves. A. V. Polukhina. Uch. zap. UrGU no. 31:27-32 '59.

Influence of high external temperature in the surrounding environment and of solar radiation on the external secretory function of the pancreas. Report No. 1. A. S. Sadykov, M. V. Enikeev. Med. zhur. Uzb. no. 4:23-25 Ap '61.

Method for obtaining pancreatic juice. M. V. Enikeev. Med. zhur. Uzb. no. 4. 25-27 Ap '61.

PANCREATIC DUCT—SURGERY

Method for the application of a chronic fistula to the pancreatic duct in rats I M. Dzhakson, G F Miliushkevich Fiziol. zhur 47 no 3 405-408 Mr '61.

PANFEROV, FEDOR IVANOVICH, 1896-

The literary craftsmanship of F. Panferov O. S. Stolnut. Rad. lit 5 no 2 58-66 Mr-Ap '61.

PANFILOV DISTRICT—AGRICULTURE

A leading collective farm and its neighbors. A. Novikov. Part. zhizn' Kazakh. 31 no. 5:48-50 My '61.

PANTICAPAEUM see Kerch

PANTOMINE

Man always preys upon his brother. M. Piatnitskii Zvezda no. 4:184-185 Ap '61.

PAPER

(see also subdivision under United States)

More paper! Raspr. pech. no. 3:8-9 Mr '61.

Research in the history of paper. Z. V. Uchastkina. Bum. prom. 36 no. 5 31 My '61.

Use of petrolatum in the manufacture of bituminized bag paper. S. S. Vaikhanskii, G. B. El'kina. Bum. prom. 36 no. 4:21 Ap '61.

PAPER CHROMATOGRAPHY

Determining the raffinose content of molasses by means of paper chromatography R I Gol'dfarb, P L Danilenko Sakh prom 34 no 5 21-23 My '60

Identification of nucleic acid components by electrodialysis combined with circular paper chromatography [with summary in English]. E. K. Alimova, B. D. Bolgova, A. T. Astvatsaturian. Biokhimiia 26 no. 2 221-224 Mr-Ap '61.

Paper chromatographic fractionization of metabolites [with summary in English]. R IA Shkol'nik, N G Doman Biokhimiia 25 no 2 276-281 Mr-Ap '60

Paper chromatographic study of carbohydrates by the use of a densitometer [with summary in English]. M. A. Bokuchava, N I. Skobeleva. Biokhimiia 26 no. 2:361-365 Mr-Ap '61.

"Paper chromatography" [in Czech] Reviewed by Z S Kagan, E Gahas Biokhimiia 25 no 2:380-381 Mr-Ap '60

Quantitative chromatographic determination of bile acids in the bile and blood [with summary in English]. A. IA. Karbach. Biokhimiia 26 no. 2 305-309 Mr-Ap '61.

Quantitative paper chromatography of higher fatty acids in the form of methyl esters (R C OO $\cdot C^{14}H_3$) [with summary in English] B P Smirnov, R A Popova, R A Niskanen Biokhimiia 25 no 2 368-375 Mr-Ap '60

PAPER COATINGS

State Standard for decorative laminated-paper plastics Biul stroi. tekh 18 no 5 18-19 My '61

PAPER ELECTROPHORESIS

Blood protein fractions in otogenic intracranial complications [with summary in English]. G. A. Feigin. Vest. otorin. 22 no. 1 32-38 Ja-F '60.

Buffer solution for paper electrophoresis. D. N. Ushakov. Lab. delo 7 no. 5 22-23 My '61.

Paper electrophoretic study of pepsin V. M Stepanov, E D. Levin Dokl. AN SSSR 136 no 5 1238-1240 F '61

Separation of plant proteins and carbohydrates by paper electrophoresis at ordinary and high voltages. L. I. Rastorgueva. Izv. Sib otd. AN SSSR no. 3 98-105 '61.

Study of protein fractions by means of paper electrophoresis in infectious hepatitis following treatment with methionine. P. G. Tkachev. Lech infekts bol'. no. 3. 71-80 '57.

Study of the serum proteins by the method of paper electrophoresis in patients with endemic goiter and echinococcosis. I. L. Akhunbaev, IU A. Volokh. Khirurgiia 37 no 5 79-81 My '61

Use of paper electrophoresis in testing the homogeneity of seed proteins [with summary in English] IU IA Gofman, I A Vaintraub Biokhimiia 25 no 6 1049-1054 N-D '60

PAPER INDUSTRY

(see also subdivision under Syas')

Construction projects of the cellulose and paper industry. A. L. Stilich. Mont. i spets. rab. v strol. 23 no. 4:8-9 Ap '61.

From the pages of foreign journals. Bum. prom. 36 no. 5:32 My '61.

Is the electric heating in the pulp and paper industry economically expedient? S. I. Khazanov. Bum. prom. 36 no. 4:25-26 Ap '61.

New textbook on paper technology. V. A. Gulianitskii. Bum. prom. 36 no. 4:27-28 Ap '61.

News from factories. Bum. prom. 36 no. 5 16 My '61.

Paper made from reed. N. Vetrov. Tekh. mol. 29 no. 5: 32 '61.

Pulp and paper industry workers' honor is at stake. Bum. prom. 36 no. 4:1-2 Ap '61.

We have resources and means! Let us discover them and act rapidly and boldly! Bum. prom. 36 no. 5:1-2 My '61.

PAPER INDUSTRY—BIBLIOGRAPHY see Bibliography—Paper industry

PAPER INDUSTRY—COSTS

Improvement of the methods for calculating production costs. A. I. Nemirovskii. Bum. prom. 36 no. 4:23-24 Ap '61.

PAPER INDUSTRY—EQUIPMENT AND SUPPLIES

(see also subdivision under Kaliningrad; Suoyarvi)

Mechanization of the feeding of rags to rag pulp rolls. V. N. Ofitserov, M. A. Frukhtbein, IU. P. Savich. Bum. prom. 36 no. 4:22 Ap '61.

Modern equipment for the purification of paper pulp V. I. Skiratymonskii. Bum. prom. 36 no. 5 22-23 My '61.

PAPER PRODUCTS see subdivision under Koryukovka

PAPERBOARD

(see also subdivision under Zhidachov)

Determination of cardboard resistance to punching. I. T. Prilipko, M. Z. Fridman. Bum. prom. 36 no. 5 21 My '61.

PAPERMAKING MACHINERY

(see also subdivision under Main)

Accelerated paper drying (from "Tappi," no. 5, 1960). Bum. prom 36 no. 5 29-30 My '61

Machine for the dynamic balancing of tubular rolls. A. M. Levinson Bum. prom. 36 no. 4:16-17 Ap '61.

Operation of a suction cylinder couch. V. E. Alekhin. Bum. prom. 36 no. 4:18-20 Ap '61

Selecting washing and dewatering conditions for sulfate pulp in drum-type vacuum filters. N. V. Shpanov, V. I. Konovalova. Trudy NIIKHIMMASH no. 20:117-125 '59.

PAPIN, DENIS, 1647-ca. 1712

From the history of the internal combustion engine B. IUrkov IUn tekh 5 no 5:73-76 My '61

PARACHUTE TROOPS

The extraordinary is becoming common V. T Sysganov Voen. vest 10 no 10 90-92 O '60

PARACHUTING

The birth of a paratrooper V. Matsepuro. Sov. voin 41 no. 1 21 F '60.

PARAFFINS

Alternation of certain physical properties of paraffin in the process of its oxidation in the foamed condition. V V. Nesmelov and others Izv. vys. ucheb zav., khim i khim tekh 4 no 2 283-286 '61

Bogdanov, N. F., and A. N. Pereverzev. [Dewaxing of petroleum products] Deparafinizatsiia neftianykh produktov. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 245 p.

Production of secondary alkyl sulfates. M. M. Levkovich, V. D. Mezhov, T. N. Dzhakeli. Khim. i tekh. topl. i masel 6 no 5:24-29 My '61.

Relation between the spontaneous ignition of paraffinic hydrocarbons and their laminar and turbulent burning velocities V P Karpov, A. S Sokolik. Dokl AN SSSR 136 no. 4 874-876 Je '61.

Selecting a method for finishing paraffins from eastern sulfur-bearing crudes. K. M. Bariyshtova, L. M Rogacheva. Khim i tekh. topl. i masel 6 no 5. 21-23 My '61.

PARAFFINS—THERAPEUTIC USE

Influence on stomach function of some physical methods of treatment (diathermy, novocaine electrophoresis, and paraffin applications). P K. Lipatova Vop kur., fizioter i lech fiz kult. 26 no 1 27-31 '61

PARAGENESIS

Oxidation-reduction processes in connection with the acidity regime of postmagmatic solutions [with summary in English]. A. A. Marakushev. Geokhimiia no. 3:214-221 '60.

PARAGUAY—POLITICS AND GOVERNMENT

Rebellion in Paraguay. IA. Nemchinskii. Sov. voin 41 no. 4 30 F '60.

PARALYSIS

Clinical aspects of progressive paralysis in the postwar period. M M. Mirskaia. Vop psikh. i nevr no 5. 93-102 '59

Gordova, T. N. [Clinical aspects and course of progressive paralysis treated with malaria] Klinika i techenie progressivnogo paralicha, lechennogo maliariei. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1959. 126 p.
(DNLM)

PARALYSIS, INFANTILE see Poliomyelitis

PARAMAGNETIC RESONANCE AND RELAXATION

Investigating the electron paramagnetic resonance spectrum of V^{3+} in corundum [with summary in English]. G. M. Zverev, A. M. Prokhorov. Zhur. eksp. i teor. fiz. 38 no. 2:449-454 F '60.

Paramagnetic and cyclotron resonance in deformed crystals G. E Pikus, G. L. Bir. Fiz. tver. tela 3 no. 3. 1001-1004 Mr '61.

Paramagnetic relaxation in solutions of manganese salts [with summary in English]. P. G. Tishkov, G P. Vishnevskaia. Zhur. eksp. i teor. fiz. 38 no. 2 336-340 F '60

Superfine dipole-dipole spin-lattice relaxation of local electron centers. V. IA. Zevin. Fiz. tver. tela 3 no. 3 910-917 Mr '61.

Superfine structure of the electron paramagnetic resonance line in aqueous solutions of V^{2+} salts N S Garif'ianov. Dokl. AN SSSR 136 no 3 612-613 My '61.

PARASITES see subdivision under Kaliningrad Province

PARASITES—AMPHIBIA

Materials on the thermostability of cysts of parasitic protozoa of amphibia. K. M Sukhanova. TSitologiia 2 no. 2 219-226 Mr-Ap '60

PARASITES—CUTWORMS

Hymenoptera parasitic on cutworms in Uzbekistan A N Luzhetskii. Uzb biol zhur no. 2, 31-34 '60

PARASITES—EXTERMINATION

Use of a new method for controlling ectoparasites. A. M. Dubitskii. Vest. AN Kazakh SSR 17 no. 1:101 Ja '61.

PARASITES—FIELD MICE

Ectoparasites of murine rodents in mountain forests of the southern Urals. L. IA. Toporkova, K. A. Siutkina. Uch. zap. UrGU no. 31:91-95 '59.

PARASITES—MOLLUSKS

Radix ovata as an intermediate host of the liver fluke [with summary in English]. N. A. Bogomolova. Zool. zhur. 40 no. 5:771-776 '61.

PARASITES—RODENTIA

Helminths of murine rodents in some districts of Sverdlovsk Province. L. N. Khrichenko, E. A. Galaktionova. Uch. zap. UrGU no. 31:96-107 '59.

PARASITES—SNAKES

Helminths and ticks parasitic on snakes in Central Asia. G. S. Markov, O. P. Bogdanov. Uzb. biol. zhur. no. 2:35-41 '60.

PARASITES—WATER VOLES

New species of coccidia from the water vole Arvicola terrestris L. [in Azerbaijani with summary in Russian]. M. A. Musaev, A. M. Veisov. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 1:51-61 '60.

PARASITOLOGY see subdivision under Uzbekistan

PARASYMPATHETIC NERVOUS SYSTEM see Nervous system, Parasympathetic

PARASYMPATHOLYTICS

Antagonistic effect of cholinomimetic and central cholinolytics on the bioelectrical activity of the rabbit brain. P. P. Denisenko. Fiziol. zhur. 47 no. 2:160-168 F '61.

Present state of the increased resistance to phagocytosis produced by nonspecific means [with summary in English]. I. M. Ivanushkin. Pat. fiziol. i eksp. terap. 4 no. 2:41-44 Mr-Ap '60.

Relationship between central and peripheral cholinolytic effects of certain complex esters of diethylaminoethanol and aromatic acids [with summary in English]. P. P. Denisenko. Biul. eksp. biol. i med. 51 no. 3:72-76 Mr '61.

PARASYMPATHOMIMETICS

Antagonistic effect of cholinomimetic and central cholinolytics on the bioelectrical activity of the rabbit brain. P. P. Denisenko. Fiziol. zhur. 47 no. 2:160-168 F '61.

Effect of cholinergic substances on interoceptive exchange reflexes. A. A. Loginov. Uch. zap. AGU Biol. ser. no. 1:51-60 '60.

Effect of phosphacol on certain structural elements of the blood in rabbits according electron microscope data [with summary in English]. V. S. Petrov. Farm. i toks. 24 no. 1:88-91 Ja-F '61.

PARATHYROID GLANDS—TUMORS

Secernent adenocarcinoma of the parathyroid gland with fibrocystic osteosis. D. Angelescu and others. Khirurgiia 37 no. 5:81-87 My '61.

PARATYPHOID FEVER

Biomycin in the treatment and prevention of complications in the urinary organs of patients with typhoid and paratyphoid infections. A. S. Bogdanova. Lech. infekts. bol'., no. 4:105-113 '60.

Effect of antibiotic therapy on the clinical course and immunological reactivity of the organism of patients with typhoid and paratyphoid fevers [with summary in English]. M. M. Kodet and others. Antibiotiki 6 no. 1:50-54 Ja '61.

Treatment of typhoid and paratyphoid diseases by a combination of small doses of antibiotics. A. L. Katsenovich, I. G. Idessis. Med. zhur. Uzb. no. 3:32-37 Mr '61.

PARATYPHOID FEVER—MICROBIOLOGY

Technic of mass investigations of the transmission of dysentery and typhoid and paratyphoid infections. V. I. Vdovyka. Fel'd. i akush. 25 no. 4:52-54 Ap '60.

PARCHMENT

Use of a 10% alcohol solution of urea for the restoration of parchment leather of old manuscipts. I. K. Belaia. Izv. vys. ucheb. zav., tekh. leg. prom. no. 1:46-53 '60.

PARENT AND CHILD

When father plays with children..... L. A. Braun. Doshk. vosp. 34 no. 5:68-69 My '61.

PARIS—ART—EXHIBITIONS

The art salons of Paris. N. Kalitina. Iskusstvo 24 no. 5:49-53 '61.

PARIS—ARTISTS

Fate of an artist. Lev Nikulin. Ogonek 39 no. 21:22-23 My '61.

PARIS—COMMUNE, 1871

Eternally alive; on the 90th anniversary of the Paris Commune. G. Morozov. Zvezda no. 3:161-164 Mr '61.

In the days of the Commune. Marina Dmytrienko. Mystetstvo 8 no. 2:20-21 Mr-Ap '61.

Ninety years ago in Paris. . M. Palkin. Sots. onesp. 22 no. 5:61-63 My '61.

The Paris Commune and the Russian revolutionaries of the 1870's. B. S. Itenberg. Ist. SSSR. 5 no. 2:155-163 Mr-Ap '61.

PARIS—COMMUNE, 1871—BIBLIOGRAPHY see Bibliography—Paris—Commune, 1871

PARIS—EXHIBITIONS

Construction machines at the International Exhibit in Paris. V. M. Kazarinov, V. A. Cherieshnev. Mekh. stroi. 18 no. 3:26-30 Mr '61.

PARIS—TAXICABS

Taxicab transportation in Paris. L. Afanas'ev. Avt. transp. 39 no. 4:58-60 Ap '61.

PARIS—VIEWS

The people of Kiev ace the sights of Paris. Ukraina no. 7:30 Ap '60.

PARIS—YEAST—RESEARCH

Studies on yeasts in the research institutes of France (Paris). L. G. Loginova. Mikrobiologiia 30 no. 1:189-191 Ja-F '61.

PARKENT REGION—DOLOMITE

Parkent porous dolomite as building material. I. V. Rubanov, S. B. Safid'zhanov. Izv. AN Uz. SSR no. 12:71-76 '56.

PARODIES

[Russian verse parodies; from the 18th to the beginning of the 20th century.] Russkaia stikhotvornaia parodiia, XVIII-nachalo XX v. Leningrad, Sovetskii pisatel', 1960. 853 p. (Biblioteka poeta osnovana M. Gor'kim. Bol'shaia seriia. Izd. 2.)

PAROTID GLANDS

Regeneration of the parotid gland of rats [with summary in English]. A. G. Babaeva. Biul. eksp. biol. i med. 50 no. 10:113-116 O '60.

PAROTITIS see Mumps

PARTIAL DIFFERENTIAL EQUATIONS see Differential equations, Partial

PARTICLE ACCELERATORS

Accelerator systems operating on waves analogous to #. P. M. Zeidlits, V. A. IAmnitskii. Atom. energ. 10 no. 5:469-477 My '61.

Channel for 2.8 Bev/c momentum antiprotons [with summary in English]. N. M. Vinogradov and others. Zhur. eksp. i teor. fiz. 40 no. 2:445-448 F '60.

Dueling of charged particles. A. Zhuravlev. IUn. tekh. 5 no. 1:25-29 Ja '61.

Physics of accelerators. V. I. Kotov, V. A. Petukhov. Priroda 50 no. 6:7-13 Je '61.

PARTICLE SIZE DETERMINATION

Gradation analysis of sandstone in thin sections. V. N. Shvanov, A. B. Markov. Izv. vys. ucheb. zav., geol. i razv. 3 no. 12:49-55 D '60.

PARTICLES

Use of a wave guide in studying the depolarization of radio waves by dielectric particles. N. G. Shchaglov, V. I. Khlopotov. Uch. zap. TGU no. 36:82-86 '60.

PARTICLES (NUCLEAR PHYSICS)

Adventurous thoughts. Oleg Pisarzhevskii. V mire knig 1 no. 5:9 My '61.

Effect of the initiating particle on the three dimensional development of a cascade shower. V. V. Gerhuvin, I. P. Ivanenko. Zhur. eksp. i teor. fiz. 38 no. 2:662-664 F '60.

Finite transformations of a representation of a Lorentz group for spin 0 to 1. A. A. Bogush. Dokl. AN BSSR 5 no. 4:155-158 Ap '61.

Nonlinear theory of elementary particles [with summary in English]. D. F. Kurdgelaidze. Zhur. eksp. i teor. fiz. 38 no. 2:462-474 F '60.

Quantum field model for multiple production of particles. B. T. Vavilov. Vest. Mosk. un. Ser. 3 Fiz., astron. 15 no. 6:46-53 N-D '60.

Statistical theory of multiple production of particles [with summary in English]. A. I. Nikoshov. Zhur. eksp. i teor. fiz. 38 no. 2:509-512 F '60.

Subsiance and antisubstance. D. Frants-Kamenetskii. IUn. tekh. 5 no. 2:8-10 F '61.

PARTICLES (NUCLEAR PHYSICS)—SCATTERING

Excitation of collective states in nuclei in the scattering of charged particles [with summary in English]. S. I. Drozdov. Zhur. eksp. i teor. fiz. 38 no. 2:499-502 F '60.

Possibility of determining the scattering amplitudes of unstable particles at zero energy [with summary in English]. V. N. Gribov. Zhur. eksp. i teor. fiz. 39 no. 3:549-569 S '60.

PASTEURELLA PESTIS

Lysis of fibrin of human and animal blood by B. pestis [with summary in English]. I. V. Domaradskii, G. A. IAromiuk. Biul. eksp. biol. i med. 50 no. 7:51-54 Jl '60.

PASTRY

Fats and emulsifying agents in the production of pastry. M. IA. Antokol'skaia. Trudy VKNII no. 11:66-80 '59.

Optimum technological regime for the preparation of cut-out pastry under mechanized production conditions. L. D. Knopova. Trudy VKNII no. 14:81-86 '59.

PASTURE, RIGHT OF

Pastures for the workers' and employees' cattle. Sov. deput. trud. no. 6:100-101 Je '61.

PASTURE RESEARCH see subdivision under Kuma Valley; Terek Valley

PASTURES AND MEADOWS

(see also subdivision under Azerbaijan, Estonia; Uzbekistan)

Making hay in forests. Les. khoz. 14 no. 6:83-84 Je '61.

[Manual on feed production] Spravochnik po kormoproizvodstvu. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 508 p.
(DA)

Water supply and irrigated oases in the pastures of Kazakhstan. M. Sh. Zozulia. Gidr. i mel. 13 no. 5:32-37 My '61.

PASTURES AND MEADOWS—FERTILIZERS AND MANURES

Effect of fertilizers on the yield and quality of hay on peat meadows. H. S. Kyiak, IA. I. TSelevych. Visnyk sil'hosp. nauky 4 no. 1:65-67 Ap '61.

PATENT LAWS AND LEGISLATION

Don't invent already patented inventions! A. Dorokhin. IUn. tekh. 5 no. 1:53-56 Ja '61.

IAichkov, K. K. [Inventions and their legal protection in the U. S. S. R.] Izobretenie i ego pravovaia okhrana v SSSR. Moskva, Izd-vo Akad. nauk SSSR, 1961. 219

Index to judicial practice of the Supreme Court of the U.S.S.R. in the field of copyright and patent law. Biul. Verkh. Suda no. 2:47 '60.

PATHANS see subdivision under Pakistan

PATHOGENIC FUNGI see Fungi, Pathogenic

PATHOPHYSIOLOGICAL SOCIETIES

(see also subdivision under Leningrad, Sverdlovsk)

Work of the administration of the All-Union Society of Pathophysiologists during 1959. P. D. Gorizontov. Pat. fiziol. i eksp. terap. 4 no. 2:89-90 Mr-Ap '60.

Work of the third plenary session of the Siberian branch of the All-Union of Pathophysiologists. M. G. Kolpak. Pat. fiziol. i eksp. terap. 4 no. 2:90-91 Mr-Ap '60.

PATON, EVGENII OSKAROVICH, 1870-1953

E. O. Paton, on the occasion of the 90th anniversary of birth. A. A. Chekanov. Trudy Inst. ist. est. i tekh. 32:99 '60.

PAUSTOVSKII, KONSTANTIN GEORGIEVICH, 1893-

The early works of Konstantin Paustovskii. D. TSatlk. Uch. zap. Kish. un. 36:81-96 '59.

PAVEMENTS

Krivisskii, A. M. [New systems for designing flexible road surfaces] Novye sistemy dlia rascheta nezhestk dorozhnykh odezhd. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 75 p.

Russia (1923- U. S. S. R.) Ministerstvo transportnogo stroitel'stva. [Instructions concerning the designation of flexible road surface designs (VSN-46-60 of the Ministry of Transportation Construction of the U.S.S.R. Instruktsiia po naznacheniiu konstruktsii dorozhnykh odezhd nezhestkogo tipa (VSN-46-60. Min. transstroi SSSR). Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transporta i shosseinykh dorog RSFSR, 1961. 76 p.

PAVEMENTS—TESTING

New method for a rapid evaluation of the strength of non-rigid pavements. L. M. Osadchaia, IU. M. IAkovlev. Avtodor. 24 no. 4:23-25 Ap '61.

PAVEMENTS, CONCRETE

"City streets made of precast reinforced concrete." Zhil. -kom. khoz. 11 no. 2:30-31 F '61.

PAVEMENTS, CONCRETE—MAINTENANCE AND REPAIR

Repairing concrete surfacings near expansion joints. E. R. Pinus, M. S. Bobkova. Avt. dor. 24 no. 3:27-28 Mr '61.

PAVINO DISTRICT—AGRICULTURE

The district committee and progressive practice. N. Proshunin. Komsom. zhizn' no. 5:16-20 Mr '60.

PAVLENKO, FLORENTII FEDOROVICH, 1839-1900

Rassudovskaia, N. M. [F. P. Pavlenko, the publisher, 1839-1900, an account of his life and works] Izdatel' F. F. Pavlenkov, 1839-1900, ocherk zhizni i deiatel'nosti. Moskva, Izd-vo Vses. knizhnoi palaty, 1960. 107 p. (Deiatell knigi)

PAVLENKO, PETR ANDREEVICH, 1899-1951

Petr Pavlenko. Mikh. Slonimskii. Zvezda no. 3:200-204 Mr '61.

PAVLODAR—EDUCATION, COOPERATIVE

We try to inculcate work habits in students. T. Tolstykh. Part. zhizn' Kazakh. 31 no. 5:61-64 My '61.

PAVLODAR PROVINCE—AGRICULTURAL ADMINISTRATION

Follow-up of materials published in "Partiinaia zhizn' Kazakhstana." Part. zhizn' Kazakh. 31 no. 5:80 My '61.

PAVLOGRAD DISTRICT—COLLECTIVE FARMS

First steps. Part. zhizn' no. 13:27-32 Jl '61.

PAVLOV, IVAN PETROVICH, 1849-1936

I. P. Pavlov. Nar. obr. no. 1:94-95 Ja '61.

Shtokkil, V. F. [New data in the development of I. P. Pavlov's teaching on the circuit-closing function of the brain and the problem of inhibition, speech to the assembly, October 20, 1959] Novye dannye v razvitii uchenila I. P. Pavlova o zamykatel'noi funktsii golovnogo mozga i problema tormozhenila, aktovaia rech' 20 oktiabria 1959 goda. Riazan', Riazanskii med. in-t im. akademika I. P. Pavlova, 1959. 41 p.

PAVLOV, IVAN PETROVICH, 1849-1936—BIBLIOGRAPHY see Bibliography—Pavlov, Ivan Petrovich, 1849-1936

PAYMENT

Direct payment in business enterprises. M. Kazaletov, I. Tafila. Den'gi i kred. 18 no. 5:18-25 My '61.

PAZHWAK, A. RAHMAN, 1910-

The novelist A. Rahman Pazhwak. L. N. Dorofeeva. Kratk. soob. Inst. vost. no. 37:70-81 '60.

PEACE

Appeal of the Central Committee of the CPSU, Presidium of the Supreme Soviet of the U. S. S. R., and the Government of the Soviet Union. Okhr. truda i sots. strakh. 4 no. 5:1-2 My '61.

Appeals of the World Peace Council. Zhur. Mosk. Patr. no. 5:45-47 My '61.

Automobile peace rally. E. Kushchev. Avt. transp. 39 no. 5:57-58 My '61.

The average American is facing a choice. Janet Stevens. V zashch. mira no. 5 30-32 My '61.

The Cross and the Resurrection. Zhur. Mosk. Patr. no. 4:40-42 Ap '61.

The idea of peace in the liturgy of the Orthodox Church. I. Belovtsev. Zhur. Mosk. Patr. no. 4 36-40 Ap '61.

One more step in the defense of peace. IA. I. Zhidkov. Brat. vest. no. 1:14-16 '60.

Preparing for an All Christian Congress in the Defense of Peace. Zhur. Mosk. Patr. no. 5 47-48 My '61.

To all Christians in the United States, radio message of IA. I. Zhidkov, chairman of the All-Union Council of Evangelical Christians and Baptists. Brat. vest. no. 1: 10 '60.

To the Christians in Sweden; radio message of A. V. Karev, secretary general of the All-Union Council of Evangelical Christians and Baptists. Brat. vest. no. 1:11-12 '60.

To the Unions of Baptists of the entire world. Brat. vest. no. 1:8-9 '60.

While it is not too late. Nestor, Bishop of Kirovograd and Nikolayev. Zhur. Mosk. Patr. no. 4 42-43 Ap '61.

Youth and the future. J. D. Bernal. Vsem stud. nov. 15 no. 2 12-14 F '61.

PEACE—BIBLIOGRAPHY see Bibliography—Peace

PEACH

Abnormalities in peach and apricot flowers associated with retarded flowering. A. S. Tuz. Bot. zhur. 45 no. 4:604-606 Ap '60.

PEACH BREEDING

Remote hybrid of the Omaga plum and peach. F. K. Teterev, K. D. Mel'nikova. Agrobiologiia no. 3:465-467 My-Je '61.

PEAR BREEDING

Results obtained from the hybridization of the Ussuri pear with cultivated pear varieties. S. P. IAkovlev, Z. N. TSvetaeva. Agrobiologiia no. 3:454-458 My-Je '61.

PEAS

Glutathione reductase in pea seeds. E. S. Zueva, V. P. Ivanova, N. I. Proskurinkov. Biokhim. zerna no. 5: 248-255 '60.

Mechanized harvesting of peas. V. E. Karpenko, A. O. Lymar'. Kons. i ov. prom. 16 no. 5 23-24 My '61.

Peas as a stubble crop. N. S. Amirov. Dokl. AN Azerb. SSR 17 no. 3 233-236 '61.

PEAS—VARIETIES

Growing garden peas and beans in the northwestern R. S. F. S. R. [with summary in English]. V. I. Budanova. Trudy po prikl. bot., gen. i sel. 32 no. 3. 202-209 '59.

PEASANT UPRISINGS see subdivision under China, Japan; Ukraine

PEASANTRY

(see also subdivision under Chile, Turkey)

The economy of small enterprises producing commodities in 19th-century Russia. P. G. Ryndzionskii. Ist. SSSR 5 no. 2 48-70 Mr-Ap '61.

The Third Inter-Republic Symposium on the Agrarian History of Eastern Europe. I. V. Ledovskaia. Ist. SSSR 5 no. 2, 226-230 Mr-Ap '61.

PEASANTS IN LITERATURE

The peasant theme in French literature of the 19th century. V. A. Gal'perin. Uch. zap. kuni gos. ped. inst. no. 7 153-175 '59.

PEAT

Biogeochemistry of germanium [with summary in English]. S. M. Manskaia and others. Geokhimiia no. 5:433-439 '61.

Deformation of a peat layer by pressing. M. G. Bulynko. Izv. vys. ucheb. zav., gor. zhur. no. 2 171-174 '60.

Directed protection from short-circuits to ground for electric power transmission lines feeding peat enterprises. I. A. Kuznetsov. Elek. sta. 32 no. 5 86-87 My '61.

Using peat in impervious blankets and upstream aprons of earth dams. I. S. Fedorov. Gidr. stroi. 30 no. 5. 19-21 My '60.

PEAT BOGS see subdivision under Leningrad Province; Rumania; Tetyukhe region

PEAT INDUSTRY—FIRES AND FIRE PREVENTION see subdivision under Kalinin Province

PEAT MACHINERY

Economic efficiency of over-all mechanization in preparing and using peat-ammonia fertilizers. P. P. Andruev. Dokl. i soob. VNIESKII no. 8 59-63 '60.

PEAT SOILS

(see also subdivision under Polesye; White Russia)

Methods for investigating organic matter in peat-bog soils [with summary in English]. V. V. Ponomareva, T. A. Nikolaeva. Pochvovedenie no. 5:88-95 My '61.

PECAN see subdivision under Soviet Central Asia

PECHENGA DISTRICT—ASBESTOS

Characteristics of the chrysotile-asbestos mineralization in the Pechenga-Nikel' area. B. IA. Men'kov, P. P. Tokmakov. Trudy IGEM no. 47,53-60 '60.

PECHORA

From the biography of the Pechora. G. Skarlato. Znan. ta pratsia no. 4:3 Ap '61.

PECHORA BASIN—COKE

Proper use of Pechora Basin coking coal. M. Rabinovich. Plan. khoz. 38 no. 6-85-87 Je '61.

PECHORA BASIN—GEOLOGY, STRUCTURAL

Basic tectonic features of the sedimentary cover in the southern part of the Pechora Depression. N. D. Matvievskaia. Dokl. AN SSSR 136 no. 1:179-182 Ja '61.

PECHORA BASIN—MINE ROOF BOLTING

Use of rod bolting in the Pechora coal basin. V. A. Kichaev, V. D. Shveitser. Shakht. stroi. 5 no. 4:25-26 Ap '61.

PECHORA BASIN—MINE TIMBERING

Manufacture and use of framed, reinforced concrete timbering under Arctic conditions. M. I. Bogdanov. Shakht. stroi. 5 no. 4:8-10 Ap '61.

PECHORA BASIN—PALYNOLOGY

Spores and pollen of Triassic deposits in the south of the Pechora Basin. L. M. Vartukhina. Dokl. AN SSSR 136 no. 3:631-634 My '61.

PECTIN

Enzymatic production of galacturonic acid. A. V. Mel'nik, V. V. Arasimovich. Dokl. AN SSSR 136 no. 5:1235-1237 F '61.

Extraction of galacturonic acid from pectin with the use of ion exchanges. T. K. Gaponenkov, Z. I. Protsenko. Zhur. prikl. khim. 34 no. 3:709-711 Mr '61.

Investigating the process of precipitation of pectin from sunflower heads. A. I. Khatina. Trudy VKNII no. 14: 156-161 '59.

PEDAN, LEONID SIDOROVICH

Soldier and newspaperman. V. Milukha. Sov. pech. no. 5: 35-36 My '61.

PEDIATRIC ANESTHESIA

Anesthesia in children in neurosurgery. V. A. Kozyrev. Akt. vop. obezbol. no. 2:69-79 '59.

PEDIATRICS

(see also subdivision under Gorkiy, White Russia)

Current problems in the study of the history of Russian pediatrics. V. S. Vail'. Sov. zdrav. 20 no. 5 68-72 '61.

Plea for steady improvement in children's health. N. N. Grigor'eva. Sov. zdrav. 20 no. 5 3-9 '61.

PEDIATRICS—CONGRESSES

Out-of-town session in Erivan of the Soviet Academy of Medical Sciences. M. A. Zhukovskii. Vest. AMN SSSR 15 no. 3 83-84 '60.

Soviet-Hungarian Medical Days in Moscow and Leningrad, October 20-27, 1958. M. S. Maslov. Vest. AMN SSSR 14 no. 4 72-73 '59.

PEDIATRICS—STUDY AND TEACHING

Instruction on children's infectious diseases in medical schools. V. A. Efenkov, G. D. Chervonnyi, G. L. Fabrikant. Fel'd. i akush. 26 no. 5 51-58 My '61.

PEGMATITES

(see also subdivision under Il'men Mountains, Karelia, Ukraine)

Criteria for prospecting for and evaluating rare-metal pegmatites as proposed by K. A. Vlasov. A. I. Ginzburg, G. G. Rodionov. Sov. geol. 4 no. 3 127-132 Mr '61.

Modern theories of the conditions and processes of the formation of pegmatites. V. D. Nikitin. Zap. LGI 40:77-94 '59.

PEIPING—PROSPECTING

From the life of the Peking Geological Prospecting Institute. Hsiao Ying, G. E. Piabukhin, V. N. Pavlinov. Trudy MGRI 38 7-17 '60.

PEKING see Peiping

PELVIS

Representation of the internal organs in the cerebral cortex and cerebellum in cats and dogs. Report No. 4. Representation of the nn. pelvici and pudendi in the cerebral cortex of dogs [with summary in English]. K. M. Kulanda. Biul. eksp. biol. i med. 49 no. 2:16-22 F '60.

PELVIS—INNERVATION

Reflex mechanisms in the regulation of bladder function [with summary in English]. T. S. Lagutina. Fiziol. zhur. 46 no. 2 214-223 F '60.

PENDULUM

Pendulum with an additional flexible connection. B. A. Aref'ev. Izv. vys. ucheb. zav.; prib. 4 no. 2:92-100 '61.

PENGUINS

(see also subdivision under Antarctic regions, Lazarev region, Antarctica; Ross Island, Ross Sea)

Some peculiarities of the outer section of the auditory analyzer in penguins. V. D. Il'ichev. Nauch. dokl. vys. shkoly, biol. nauki no. 2,51-55 '61.

PENICILLIN

Absorption and distribution of penicillin in anaphylactoid shock in white rats [with summary in English]. V. P. IAkovlev. Antibiotiki 6 no. 3:220-226 Mr '61.

Activity of phenoxymethylpenicillin and benzylpenicillin in the presence of human serum [with summary in English]. L. M. IAkobson, V. M. Grigor'eva. Antibiotiki 6 no. 3:243-246 Mr '61.

Bicillin in different variants of combined treatment and prevention of acute radiation sickness in dogs. N. V. Raeva, I. N. Usachova. Pat. fiziol. i eksp. terap. 4 no. 4:74 Jl-Ag '60.

Bicillin-3 therapy of female patients with gonorrhea. V. N. Shekhovtsova. Vest. derm. i ven. 35 no. 4:87-88 Ap '61.

Effect of penicillin on a anaphylactic shock in guinea pigs [with summary in English]. E. IA. Severova. Antibiotiki 6 no. 1:42-44 Ja '61.

Effect of the preliminary treatment of corn extract on the fermentation processes of penicillin and chlortetracycline. P. S. Petrov, E. Popov. Antibiotiki 6 no. 2: 117-119 Mr-Ap '60.

Method for effective bicillin administration [with summary in English]. A. F. Bliuger and others. Antibiotiki 6 no. 4:324-327 Ap '61.

Quantitative relationship between phosphatase activity, pathogenic properties, and penicillin resistance in Staphylococcus [with summary in English]. A. K. Akatov, Z. I. Lebedeva. Antibiotiki 6 no. 4:363-368 Ap '61.

Study of the stability of penicillin in solutions of ephedrine hydrochloride. I. R. M. Piniazhko. Farmatsev. zhur. 15 no. 1:34-36 '60.

Therapeutic value of bicillin-3 in the treatment of acute uncomplicated gonorrhea in males. A. E. Zakharov, M. I. Polilov. Vest. derm. i ven. 35 no. 4:86 Ap '61.

PENICILLIN (Continued)

Treatment of syphilis with bicillin 1 and 3. A. A. Buksan. Med. zhur. Uzb. no. 11 60-64 N '60.

Use of bitsillin 3 in the compound treatment of acute suppurative diseases of the maxillofacial region. IU. I. Semenenko. Stomatologiia 40 no. 1 65-69 Ja-F '61.

PENICILLINASE

Penicillinase synthesis by certain sporogenous microorganisms [with summary in English]. S. M. Chaikovskaia. Antibiotiki 6 no. 4:360-364 Ap '61.

PENICILLIUM

Antibiotic properties of species of the section Monoverticillata, genus Penicillium, isolated from the rhizosphere of agricultural plants in the Ukraine. Report No. 3. Effect of species of the section Monoverticillata, genus Penicillium, on the germination of cabbage seeds and on certain bacterial plant diseases. S. M. Khrichenko. Mikrobiol. zhur. 23 no. 1 46-50 '61.

PENMANSHIP—HYGIENIC ASPECTS

Hygienic evaluation of fountain pens for first- to fourth-grade students [with summary in English]. M. V. Antropova, L. I. Aleksandrova. Gig. i san. 25 no. 3 44-48 Mr '60.

PENSIONERS

(see also subdivision under Belyy Gorodok)

Editor's mail. Sots. obesp. 22 no. 5:42 My '61.

Voluntary work of pensioners. V. Krainikhfel'd. Sov. iust. no. 10 6 My '61.

Whose duty is it? Sots. obesp. 22 no. 5:41-42 My '61.

PENSIONERS—SOCIETIES, ETC. see subdivision under Moscow, Tashkent, Tyumen' Province

PENSIONS

(see also subdivision under Leningrad; Sosnovka District)

[Calculation and payment of disability pensions to workers and employees] Kak ischislialutsia i vyplachivaiutsia pensii po invalidnosti. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 62 p. (Iuridicheskie konsul'tatsii dlia naseleniia v voprosakh i otvetakh, no. 8)

Characteristics of the computation and payment of pensions to workers in several categories and occupations. IU. TSederbaum. Sots. obesp. 22 no. 5:52-57 My '61.

Figures and facts. Z. Safin, A. Zhigalko. Sots. obesp. 22 no. 5 40-41 My '61.

Further improvement of service to pensioners in the R. S. F. S. R. Okhr. truda i sots. strakh. 4 no. 5:60-61 My '61.

How would you decide? Sots. obesp. 22 no. 5:59-61 My '61.

"Let's deny it -- in any event." S. Smirnov. Sots. obesp. 22 no. 5:20-22 My '61.

The Pension Administration explains. Sots. obesp. 22 no. 5:57-58 My '61.

A useful book has been published ("Consultations on pensions." Reviewed by E. Gorshanov). Okhr. truda i sots. strakh. 4 no. 5 62-63 My '61.

PENTADECANE

Composition of oxygen-containing compounds formed in the liquid phase oxidation of n-pentadecane by air. V. V. Kamzolkin and others. Trudy Inst. nefti 14:65-75 '60.

PENTANE

Dehydrogenation of 2, 2, 4-trimethylpentane on an alumina-chromium oxide-potassium oxide catalyst. E. A. Timofeeva, N. I. Shuikin, T. B. Dobrynina. Izv. AN SSSR. Otd. khim. nauk no. 5:863-867 My '61.

PENTOTHAL

Intravenous sodium pentothal anesthesia in the clinic and under experimental conditions. I. A. IUr'eva. Trudy 1-go MMI 3:75-82 '57.

PENZA—HOSPITAL BEDS

Concerning the articles, "Medical care without registration in outpatient institutions of Tashkent" and "Distribution of surgical beds in a city." V. A. Miniaev and others. Zdrav. Ros. Feder. 5 no. 5:39-41 My '61.

PENZA REGION—CLAY

Composition and properties of loess loams on the western slope of the Volga Upland (exemplified in loess loams of the Penza region). M. P. Lysenko. Dokl. AN SSSR 138 no. 4:910-913 Je '61.

PENZHINSKIY DISTRICT—GEOLOGY, STRATIGRAPHIC

Pergament, M. A. [Upper Cretaceous stratigraphy of northwestern Kamchatka (Penzhinskiy District)] Stratigrafiia verkhnemelovykh otlozhenii Severo-Zapadnoi Kamchatki; Penzhinskii raion. Moskva, Izd-vo Akad. nauk SSSR, 1961. 145 p. (Akademiia nauk SSSR. Geologicheskii institut. Trudy, no. 39)

PEPPER

Effect of growing conditions on the change of certain features in red pepper [with summary in English]. Z. D. Artiugina. Trudy po prikl. bot., gen. i sel. 32 no. 3:159-168 '59.

Vitamin concentrate in the crop row. B. A. Bykov. Priroda 50 no. 6:119 Je '61.

PEPSIN

Increasing the accuracy of the quantitative determination of pepsin in the contents of the stomach by means of S. G. Metta's method. P. D. Rabinovich, R. IA. Putapova. Lab. delo 7 no. 5:41-43 My '61.

Paper electrophoretic study of pepsin. V. M. Stepanov, E. D. Levin. Dokl. AN SSSR 136 no. 5:1238-1240 F '61.

PEPSINOGEN

Method of determining pepsinogen (uropepsinogen). I. F. Grekh, E. A. Bogatibov. Lab. delo 7 no. 5:16-17 My '61.

PEPTIC ULCER

Dynamics of the gastrocolic reflex in gastric and duodenal ulcer. A. D. Dzhalalov, B. M. Muminov. Med. zhur. Uzb. no. 4:20-23 Ap '61.

Effectiveness of treating gastric and duodenal ulcer with cobalt preparation No. 9. Preliminary report. N. R. Rakhimov. Med. zhur. Uzb. no. 4 18-20 Ap '61.

Formation of gastric ulcers in pregnant and nonpregnant rats in the light of data on the dominant of gestation [with summary in English]. V. D. Rozanova. Biul. eksp. biol. i med. 51 no. 1:40-44 Ja '61.

Late results of treating perforating gastric and duodenal ulcer. A. T. Tatarinov. Zdrav. Belor. 6 no. 4:52-53 Ap '60.

Radiographic observations on the gall bladder in gastric and duodenal ulcer. I. A. Agzamkhodzhaev. Med. zhur. Uzb. no. 11:24-27 N '60.

Role of corticoviscoral disorders in the pathogenesis and course of gastric and duodenal ulcer. P. I. Shilov, F. M. Lebedev. Terapiia 33 no. 4 54-60 '61.

Secretory and motor function of the stomach in peptic ulcer patients following plasmotherapy. N. M. Matseneva, A. IU. Tillis. Med. zhur. Uzb. no. 11:50-56 N '60.

Surgical treatment of gastric and duodenal ulcer as revealed by clinical data for 10 years. S. M. Agzamkhodzhaev. Med. zhur. Uzb. no. 4:13-18 Ap '61.

PEPTIDES

Complex alkylating metabolites as a new class of antitumor compounds. L. F. Larionov. Pat. fiziol. i eksp. terap. 5 no. 2:3-9 Mr-Ap '61.

Study of the action of collagenase on synthetic substrates [with summary in English]. K. T. Poroshin and others. Biokhimiia 26 no. 2:244-248 Mr-Ap '61.

PERCH

(see also subdivision under Caspian Sea, Kakhovka Reservoir)

Seasonal characteristics of egg maturation in fishes with two types of spawning. B. V. Koshelev. Dokl. AN SSSR 136 no. 1:214-217 Ja '61.

PERICARDIUM—INNERVATION

Zones of primary skin reactions under the influence on the receptor apparatus of the coronary vessels and pericardium [with summary in English]. F. P. IAsinovskaia. Biul. eksp. biol. i med. 51 no. 3 8-13 Je '61.

PERINEUM—CANCER

Cancer of the skin of the perineum appearing after X-ray therapy for eczema. R. A. Mel'nikov. S. S. Partisyn. Vop. onk. 7 no. 3:87-89 '61.

PERIODIC FUNCTIONS see Functions, Periodic

PERIODIC LAW

Change in the properties of substances in the different series of chemical compounds. Part 3. Series of isoperiodic compounds. A. E. Lutskii, E. M. Obukhova. Zhur. ob. khim. 31 no. 5:1590-1596 My '61.

Change in the properties of substances in the different series of chemical compounds. Part 4. Series of substituted compounds. A. E. Lutskii, E. M. Obukhova. Zhur. ob. khim. 31 no. 5 1596-1601 My '61.

PERIODICALS—BIBLIOGRAPHY see Bibliography—Periodicals

PERIODICALS—CIRCULATION see Newspaper and periodical circulation

PERIPHERAL NERVES see Nerves, Peripheral

PERITONEUM

Color of peritoneum is a taxonomic character in Carbassius species. A. I. Gorlunova. Dokl. AN SSSR 138 no. 1:245-248 Ja '61.

Effect of antibiotics on the normal peritoneum [with summary in English]. O. B. Lisitsyna. Antibiotiki 6 no. 2: 141-142 F '61.

PERITONEUM—TUBERCULOSIS

Nature of the course of tuberculous peritonitis during antibacterial therapy. L. M. IAnovskaia. Probl. tub. 39 no. 3:33-40 '61.

PERITONITIS

Change in the acid-base equilibrium and in the oxidation-reduction processes in peritonitis combined with blood loss [with summary in English]. E. M. Neiko, L. IA. Fishchenko. Biul. eksp. biol. i med. 50 no. 10:62-63 O '60.

PERLITE

Perlites. P. P. Budnikov. Priroda 50 no. 5:55-56 My '61.

PERM—INDUSTRIES

Conversation with the future. Nikolai Vagner. Zvezda no. 3 140-160 Mr '61.

PERM—SOCIALIST COMPETITION

Studying the practice of socialist competition. V. Berezniakov, Part. zhizn' no. 12 34-37 Je '61.

PERM—THEATER

Indifference. I. Sukharova. Teatr 22 no. 5:112-115 My '61.

PERM GOVERNMENT—LAND TENURE

The history of land tenure in the mining enterprises of Abamelek-Lazarev family in the Perm Government in the 1860's and 1870's. T. P. Raevskaia. Ist.-filol. sbor. no. 5:30-52 '60.

PERM PROVINCE—COPPER ORES

Lead and zinc in cupriferous sandstones of Perm Province. IU. A. Nechaev, Geokhimiia no. 5 153-154 '61.

PERM PROVINCE—FIRES AND FIRE PREVENTION

Fire guard and inspection service in the city. V. Gazetov. Pozh. delo 7 no. 3:12 Mr '61.

PERM PROVINCE—INDUSTRIAL MANAGEMENT

Over-all mechanization and automation of production processes in enterprises of the Perm Economic Council. M. I. Aleshin. Biul. tekh.-ekon. inform. no. 4:82-84 '61.

PERM PROVINCE—INLAND WATER TRANSPORTATION

Prospects for expanding river transportation in the Perm Economic Region. K. Krutikov, V. Pomerantsev. Rech. transp. 20 no. 3:9-11 Mr '61.

PERMAFROST see Frozen ground

PERMITTIVITY see Dielectric constants

PEROVSKITE

X-ray study of isomorphism in perovskites [with summary in English]. V. A. Frank-Kamenetskii, I. Vesel'skii. Geokhimiia no. 5 379-389 '61.

PEROXIDES

Peroxide compounds in the system $CuSO_4$-Na_2MoO_4-H_2O_2-H_2O [with summary in English]. A. K. Verkhovskaia, F. M. Perel'man. Zhur. fiz. khim. 35 no. 4:828-835 Ap '61.

PEROXIDES—SPECTRA

Infrared spectra of asymmetric dialkyl peroxides. A. N. Sevchenko, I. P. Zisl'kov. Dokl. AN SSSR 136 no. 5: 1104-1107 F '61.

PERPHENAZINE

Effect of ethaperazine on conditioned reflexes in rats [with summary in English]. Che Si-pin [Ch'e Hsi-ping]. Farm. i toksikol. 24 no. 1:13-16 Ja-F '61.

PERSIA see Iran

PERSIAN LANGUAGE—CONSONANTS

Characteristics of Persian consonants. V. I. Zav'ialova. Uch. zap. LGU no. 294 43-61 '61.

PERSIAN LANGUAGE—INFINITIVE

Infinitive phrases expressing the beginning and duration of action; from studies of the Persian language. G. A. Voskanian. Vop. iaz. i lit. no. 1 3-17 '59.

PERSONALITY

"I" and "we" (to be continued). V. Nazarenko. Zvezda no. 3:171-184 Mr '61.

"I" and "we" (conclusion). V. Nazarenko. Zvezda no. 4:195-208 Ap '61.

Socialist collectivism and the development of personality [with summary in English, p. 186]. IU. P. Frantsev. Vop. filos. 15 no. 5 34-46 '61.

PERSONNEL MANAGEMENT

This is how innovations are born... K. Minskii, S. Severov. Sov. torg. 33 no. 4:35-38 Ap '60.

PERU—POLITICS AND GOVERNMENT

Peru in the grip of reaction. L. Kushcheev. Nov. vrem. 19 no. 21:13-14 My '61.

PERVOURAL'SK—PIPE MILLS

Mastership means research. A. Borin. Izobr. i rats. no. 5:34-35 My '61.

PERYLENE—SPECTRA

Emission and absorption spectra of perylene in solid solutions at 77° K. E. V. Shpol'skii, R. I. Personov. Opt. i spektr. 8 no. 3:328-337 Mr '60.

PETER I, THE GREAT, 1672-1725

Bashilov, Boris. [Robespierre on the throne; Petr I and the historical results of his revolutionary reforms] Robesp'er na trone; Petr I i istoricheskie rezul'taty sovershennoi im revolutsii. [n. p.] Izd-vo "Rus'," [n. d.] 127 p.

PETER I, THE GREAT, 1672-1725 (Continued)

Proposed instruction for the publication of "The letters and papers of Peter the Great." I. S. Maltova. Probl. istoch. no. 9:139-163 '61.

Pushkin on Peter I. B. B. Kafengauz. Ist. SSSR. 5 no. 3:150-160 My-Je '61.

PETER I ISLAND—DISCOVERY AND EXPLORATION

"Ob'" at the Peter I Island. A. I. Dubinin. Inform. biul. Sov. antark. eksp. no. 23:5-9 '60.

PETER THE GREAT BAY—COAST CHANGES

Researches on the shore dynamics and morphology of the Peter the Great Bay in the Sea of Japan. V. S. Medvedev. Trudy Okean. kom. 8:240-241 '61.

PETROLEUM

(see also subdivision under Georgia)

Studying capillary petroleum in a model porous medium. A. F. Bogomolova, M. M. Kusakov. Trudy Inst. geol. i razrab. gor. iskop. 2:81-94 '60.

PETROLEUM—ANALYSIS

Akademiia nauk SSSR, Bashkirskii filial, Ufa. Otdel khimii. [Chemistry of sulfur and nitrogen organic compounds in petroleum and petroleum products] Khimiia sera- i azotoorganicheskikh soedinenii, soderzhashchikhsia v neftiakh i nefteproduktakh. Ufa. Vol. 3. 1960. 337 p.

Comparing the composition of petroleums with the geochemical characteristics of enclosing sediments. R. M. Listengarten, N. I. Khatskevich. Trudy AzNII DN no. 9, 30-36 '60.

PETROLEUM—PERIODICALS

From the editor. S. M. Lokiev. Trudy Inst. nefti 14:3-4 '60.

PETROLEUM—REFINING

(see also subdivision under Omsk)

Bogdanov, N. F., and A. N. Pereverzev. [Dewaxing of petroleum products] Deparafinizatsiia nefteianykh produktov. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 245 p.

Efficiency proposals in a petroleum refinery. P. TS. Pfeitser. Neftianik 6 no. 5:16-17 My '61.

Selecting a method for finishing paraffins from eastern sulfur-bearing crudes. K. M. Badyshtova, L. M. Robacheva. Khim. i tekh. topl. i masel 6 no. 5:21-23 My '61.

Thermal dehydration at atmospheric pressure for heavy crudes with a stable emulsion. P. P. Dmitriev. Izv. AN Uz. SSR no. 6:75-79 '56.

PETROLEUM—THERAPEUTIC USE

Effect of Naftalan petroleum extract on changes in the epidermis after local x-ir radiation [with summary in English]. F. L. Leites, L. V. Lunshtein. Biul. eksp. biol. i med. 51 no. 3:121-125 Mr '61.

Influence of Naftalan petroleum on liver function. R. S. Dzhanzhutova. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 1:46-50 '61.

PETROLEUM AS FUEL

Investigation of the blast furnace process with introduction of liquid fuel into the hearth [with summary in English]. IU. S. Borisov, A. A. Fofanov. Stal' 21 no. 6:492-498 Je '61.

Petroleum residue as a secondary fuel for glass furnaces. N. V. Dubrovina, A. A. Zaliazniak, E. I. Klegg. Stek. i ker. 18 no. 5:7-8 My '61.

Simplified method of determining the calorific value of fuel oil. I. Tuv, V. Fedotov. Rech. transp. 20 no. 3:28-29 Mr '61.

Use of fuel oil in blast furnace practice. K. V. Malikov and others. Metallurg 6 no. 5:3-7 My '61.

PETROLEUM ENGINEERING

Efficient utilization of petroleum resources in our country. P. M. Golenov. Standartizatsiia 25 no. 5:42-45 My '61.

lon;
thern;

Who was right: Lomonosov or Mendeleev? Origin of oil. N. Kudriavtsev, N. Beskrovnyi, I. Brod. Tekh. mol. 29 no. 4:5-9 Ap '61.

PETROLEUM GEOLOGY—STUDY AND TEACHING

Problem of conducting practical work in the course "Geology of oil deposits of the U. S. S. R." P. P. Zaba rinskii. Trudy GNI no. 21:209-212 '59.

PETROLEUM INDUSTRY

(see also subdivision under Azerbaijan, Bashkiria, Germany, West, Groznyy Province, Neftyanye Kamni, Ordzhonikidze region)

Economic aspects of the manufacture of aromatic hydrocarbons. V. M. Andrianov, P. A. Frolkhiakov. Khim. i tekh. topl. i masel 6 no. 5:44-48 My '61.

From petroleum workers to the 22d Congress of the CPSU. Neftianik 6 no. 5:28-30 My '61.

Plan of basic measures for 1961 issued by the Central Committee of the Trade Union of Workers of the Petroleum and Chemical Industries. A. Babaian. Neftianik 6 no. 5:27 My '61.

Toward the 22d Congress of the CPSU. Khim. i tekh. topl. i masel 6 no. 5:1-4 My '61.

Umanskii, L. M., and M. M. Umanskii. [Economic reserves of petroleum production administrations] Rezervy ekonomii neftepromyslovykh upravlenii. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 160 p.

PETROLEUM INDUSTRY—BY-PRODUCTS

Effect of a growth promoting substance of petroleum origin on carbohydrate assimilability in the organism [in Azerbaijani with summary in Russian]. G. A. Guseinov, S. A. Abdullaeva, Sh. A. Mogerramov. Uch. zap. AGU Biol. ser. no. 1:29-36 '60.

Effect of a growth promoting substance of petroleum origin on the development of microscopic fungi [in Azerbaijani with summary in Russian]. G. S. Kasimova. Uch. zap. AGU Biol. ser. no. 1:3-10 '60.

Effect of organic fertilizers derived from by-products of the petroleum industry on the yield of raw cotton and soil microflora [in Azerbaijani with summary in Russian]. G. S. Kasimova, A. A. Guseinov. Uch. zap. AGU Biol. ser. no. 1:21-31 '60.

Effect of surface active substances of petroleum origin on the growth and development of animals. IU. G. Mamedaliev, M. A. Akhundov, L. S. Mustafaev. Uch. zap. AGU, Biol. ser. no. 3:3-11 '60.

PETROLEUM INDUSTRY—ELECTRIC EQUIPMENT

Explosion-proof electric equipment for petroleum refineries. R. N. Engibarova. Bezop. trudav prom. 5 no. 5:18-20 My '61.

PETROLEUM INDUSTRY—FIRES AND FIRE PREVENTION

And the motors are roaring again.... V. Terent'ev. Pozh. delo 7 no. 3:18-21 Mr '61.

New regulations for the technical operation of tank farms. Pozh. delo 7 no. 3:3 of cover. Mr '61.

PETROLEUM INDUSTRY—WATER SUPPLY see subdivision under United States

PETROLEUM MINING see subdivision under Azerbaijan

PETROLEUM PRODUCTS

F-scale method for the study of the viscosity of liquid petroleum products. V. B. Zenkevich, O. P. Livdokimov. Khim. i tekh. topl. i masel 6 no. 5:57-60 My '61.

PETROLEUM PRODUCTS—STORAGE

Rzhavskii, E. L. [Mechanized cleaning of tanks] Mekhanizatsiia zachistki rezervuarov. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 44 p. (Obmen peredovym opytom)

Safarian, M. K., and O. M. Ivantsov. [Design and construction of steel tanks for petroleum products] Proektirovanie i sooruzhenie stal'nykh rezervuarov dlia nefteproduktov. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 325 p.

PETROLEUM PRODUCTS—TESTING

Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 175-55 for checking PVN devices for determining the flash point of petroleum products] Instruktsiia 175-55 po poverke priborov tipa PVN dlia opredeleniia temperatury vspyshki nefteproduktov. Izd. ofitsial'noe. Moskva, 1957. 18 p.

PETROLEUM REFINERIES—EQUIPMENT AND SUPPLIES

(see also subdivision under Azerbaijan)

Manufacture high-capacity equipment for new petroleum refineries. A. L. Chvertkin. Neftianik 6 no. 5:13-14 My '61.

PETROLOGY see subdivision under Aldan District; Bazhenovo region; Brown, Mount, Antarctica; Grearson Hills, Antarctica; Horn Bluff, Antarctica; Krivoy Rog Basin, Kuznetsk Ala-Tau; Vestfold Hills, Antarctica; Windmill Islands, Antarctica

PETROLOGY—EQUIPMENT AND SUPPLIES

Template for recording petrographic data on a classification square. E. Kh. Madatov. Trudy AzNII DN no. 9:54-57 '60.

PETROLOGY—PERIODICALS

Crystallography, mineralogy, and petrography in the "Zapiski" of the Leningrad Mining Institute. I. I. Shafranovskii. Zap. LGI 40:17-50 '59.

PETROLOGY—RESEARCH see subdivision under Leningrad

PETROPAVLOVKA REGION (CHELYABINSK PROVINCE)—INSECTS, INJURIOUS AND BENEFICIAL

Ectoparasites of murine rodents in mountain forests of the southern Urals. L. IA. Toporkova, K. A. Slutkina. Uch. zap. UrGU no. 31:91-95 '59.

PETROSIAN, OVANES MNATSAKANOVICH, 1892-1961

Ovanes Mnatsakanovich Petrosian. Sov. bibl. no. 2:104-105 '61.

PETROVSKII, IVAN GEORGIEVICH, 1901-

Ivan Georgievich Petrovskii; on his 60th birthday. K. A. Rybnikov. Mat. v shkole no. 3:80-83 My-Je '61.

PETROZAVODSK—SECTS

Behind closed shutters. IU. Andreeva. Sov. iust. no. 10:20-21 My '61.

PETROZAVODSK—THEATER

The author of this book was a stagehand ("Reminiscences on the theater" by P. IA. Smirnov. Reviewed by A. Ivanov). Teatr. 22 no. 5:151 My '61.

PETUKHOVO DISTRICT—BANKS AND BANKING

Progressive work practice of the Petukhovo State Bank Branch. Den. i kred. 19 no. 5:67-71 My '61.

PETUKHOVO DISTRICT—COLLECTIVE FARMS—FINANCE

Progressive work practice of the Petukhovo State Bank Branch. Den. i kred. 19 no. 5:67-71 My '61.

PETUSHKI—DEPARTMENT STORES

A new district department store in Petushki. G. Galin. Sov. potreb. koop. 5 no. 5:16 My '61.

PHAGOCYTOSIS

Dependence of the phagocytic activity of leukocytes on their respiratory phosphorylation [with summary in English]. O. S. Shestneva. Biul. eksp. biol. i med. 50 no. 7:64-66 Jl '60.

Effect of pain stimuli on the phagocyte activity of leukocytes in horses [with summary in English]. A. F. Rusinov. Biul. eksp. biol. i med. 49 no. 2:81-85 F '60.

Phagocytic and nephrocytic properties of cartilage during the embryonic period in birds. N. A. Ol'shevang. Uch. zap. UrGU no. 31:40-45 '59.

Present state of the increased resistance to phagocytosis produced by nonspecific means [with summary in English]. I. M. Ivanushkin. Pat. fiziol. i eksp. terap. 4 no. 2:41-44 Mr-Ap '60.

Stimulating effect of phenamine on defensive leukocytic reactions (phagocytosis) and the possibility of conditioned reflex reproduction of this effect [with summary in English]. V. L. Miklashevskii. Pat. fiziol. i eksp. terap. 5 no. 2:35-39 Mr-Ap '61.

PHARMACEUTICAL RESEARCH see subdivision under Ukraine

PHARMACOLOGY

Comparative pharmacological analysis of the sensitivity of stretch receptors to chemical agents [with summary in English]. B. Tasmukhamedov. Zhur. ob. biol. 22 no. 2:144-145 Mr-Ap '61.

Differences in the action of some monoamine oxidase inhibitors in vitro and in vivo. E. I. Kuznets and others. Dokl. AN SSSR 136 no. 5:1231-1234 F '61.

Effect of pyrogenal and myocardial hydrolyzate on the regeneration of the heart muscle. I. V. Polezhaev and others. Dokl. AN SSSR 138 no. 3:714-717 My '61.

Section of pharmacology and toxicology of the Leningrad Sechenov Society of Physiologists, Biochemists, and Pharmacologists. L. I. Tank. Farm. i toks. 24 no. 1:126 Ja-F '61.

PHARMACY see subdivision under Ukraine

PHARMACY—PERIODICALS

Review of some pharmaceutical periodicals. M. M. Turkevych, R. M. Pinlazhko, I. R. Hnidets'. Farmatsev. zhur. 15 no. 1:85-87 '60.

PHARYNX—DISEASES

Pharyngomycosis [with summary in English]. T. A. Niklitina. Vest. otorin. 22 no. 1:46-48 Ja-F '60.

Treatment of pharyngomycosis with a 10% alcohol solution of gentian violet combined with curettage. V. L. Faleeva. Zhur. ush., nos. i gorl. bol. 20 no. 1:77-78 Ja-F '60.

PHASE MICROSCOPE

Over-all use of a phase contrast device. A. P. Dubov. Lab. delo 7 no. 5:58-59 My '61.

Phase contrast microscopy in hematological practice. TS. S. Makalatiia. Lab. delo 7 no. 5:24-27 My '61.

PHASE RULE AND EQUILIBRIUM

Alisova, S. P., and others. [Phase diagrams of metallic systems published in 1955] Diagrammy sostoianiia metallicheskikh sistem, opublikovannye v 1955 godu. Pod red. N. V. Ageeva. Moskva.
No. 1. 1959. 134 p.

Alisova, S. P., and others. [Phase diagrams of metallic systems; published in 1956] Diagrammy sostoianiia metallicheskikh sistem, opublikovannye v 1956 godu. Pod red. N. V. Ageeva. Moskva.
No. 2. 1959. 102 p.

Bismuth phase diagram at pressures up to 100,000 kg/cm^2 and a temperature of 500°C. G. Kh. Panova, S. S. Sekoian, I. P. Vereshchagin. Fiz. met. i metalloved. 11 no. 2 215-218 F '61.

Calculation of a liquid - vapor equilibrium of nonideal binary systems based on the heats of phase transition. A. P. Grishin. Izv. vys. ucheb. zav., khim. i khim. tekh. 1 no. 2 207-211 '58.

Constitution diagram and properties of vanadium-chromium alloys. E. M. Savitskii, V. V. Baron, Iu. V. Efimov. Trudy Inst. met. no. 4 230-235 '60.

Constitutional diagram of the nickel - chromium system. B. M. Vasiutinskii, V. S. Kogan, G. N. Kartmazov. Fiz. met. i metalloved. 9 no. 4 558-563 Ap '60.

Distribution of molybdenum and tungsten between the solid solution and the carbide phase in alloyed steels [with summary in English]. N. F. Lashko, N. M. Popova. Stal' 20 no. 7:642-644 Jl '60.

Effect of heat treatment on the structure and properties of the BT2 alloy. S. G. Glazunov. Titan i ego splavy no. 1 99-106 '58.

Effect of phase constitution and structure on the cavitation-erosion resistance of titanium and its alloys. I. N. Bogachev and others. Fiz. met. i metalloved. 11 no. 4 557-563 Ap '61.

Effects of internal friction connected with direct and reversible martensite transformations. E. I. Estrin and others. Fiz. met. i metalloved. 11 no. 2, 252-260 F '61.

Growth of elastic crystals of the martensite γ'-phase under the effect of external stresses. I. A. Arbuzova, G. V. Kurdiumov, I. G. Khandros. Fiz. met. i metalloved. 11 no. 2:277-286 F '61.

Interaction between molybdenum and chromium in nickel-saturated alpha hard solutions. B. M. Vasiutinskii, V. S. Kogan. Fiz. met. i metalloved. 9 no. 4 564-568 Ap '60.

Interphase isotopic exchange of uranium-234 and uranium-238 [with summary in English]. N. G. Sytomiatnikov. Geokhimiia no. 3:268-273 '60.

Investigating the carbon concentration in the alpha-phase during the intermediate transformation of austenite. L. I. Kogan, It. I. Lintin. Dokl. AN SSSR 130 no. 4 826-827 Je '61.

Investigating weld aging processes in two-phase titanium alloys. Report no. 2. Aging of welds having undergone heat treatment. V. F. Grabin and others. Avtom. svar. 14 no. 6:3-14 Je '61.

Liquid - vapor equilibrium in systems formed by hydrocarbons and methyl formate. S. K. Ogorodnikov, V. B. Kogan, M. S. Nemtsov. Zhur. prikl. khim. 34 no. 3:581-584 Mr '61.

Methods of establishing constitution diagrams. O. S. Ivanov. Trudy Inst. met. no. 4:189-199 '60.

Phase diagrams of ternary liquid systems containing two binary layerings with variously directed critical points. E. F. Zharaviev. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 2 199-206 '61.

Phase equilibrium in the quasiternary system Ti - Ti$_3$Sn - Zr. V. V. Glazova, N. N. Kurnakov. Dokl. AN SSSR 138 no. 4:835-838 Je '61.

Phase transformations in transition-type steels. V. I. Prosvirin, E. L. Vinogradskaia, G. A. Molchanova. Fiz. met. i metalloved. 11 no. 5:775-781 My '61.

Relationships between phase effect values of the isothermal-isobaric layering in ternary liquid solutions [with summary in English]. N. P. Markuzin. Vest. LGU 16 no. 10:87-93 '61.

Stability of the beta phase in titanium-manganese alloys. N. V. Ageev, Z. M. Smirnova. Titan i ego splavy no. 1. 17-24 '58.

Stability of the beta phase in titanium-molybdenum alloys. N. V. Ageev, L. A. Petrova. Titan i ego splavy no. 1. 3-16 '58.

Stefan problem. S. L. Kamenomostskaia. Mat. sbor. 53 no. 4:489-514 Ap '61.

Study of phase equilibrium in the Ti$_3$Sn - Zr system. V. V. Ginzova, N. N. Kurnakov. Dokl. AN SSSR 136 no. 1, 100-103 Ja '61.

Study of the equilibrium of two liquid phases in the system fusel oil - ethyl alcohol - water. V. F. Sukhodol, P. M. Mal'tsev. Izv. vys. ucheb. zav., pishch. tekh. no. 2:114-122 '61.

Studying the systems TiO_2 - SiO_2 - FeO and TiO_2 - CaO - FeO - Al_2O_3 - SiO_2 - MgO. E. B. Dmitrovskii, A. V. Rudneva, I. A. Kariazin. Trudy Inst. met. no. 4: 35-45 '60.

Substructure of a cemented layer. G. N. Bakakin, A. P. Liubchenko. Fiz. met. i metalloved. 11 no. 2:247-251 F '61.

Thermodynamic consideration of the membrane equilibrium taking into account the surface discontinuity [with summary in English]. A. I. Rusanov. Vest. LGU 16 no. 10 77-86 '61.

Thermodynamic theory of critical phenomena in three-component systems. Part 2. Shape of the isotherm and isobar curve for the coexistence of two phases in the vicinity of the critical point [with summary in English] A. V. Storonkin, A. I. Rusanov. Zhur. fiz. khim. 34 no. 4:749-753 Ap '60.

Thermodynamic theory of systems with additional parameters. V. T. Shimatov. Fiz. met. i metalloved. 11 no. 2 170-180 F '61.

X-ray investigation of the precipitation phase in the EI437A alloy during aging. M. P. Arbuzov, M. I. Gitgarts. Fiz. met. i metalloved. 11 no. 5:664-669 My '61.

PHEASANTS see subdivision under Zeravshan Valley

PHENETHYLAMINE

Effect of 2-(p-aminophenyl)-N-(α-methylphenethyl)-acetamide (IEM-366) on the central nervous system and its antagonistic relationship with phenamine. E. B. Baikov, U Su-zhui [Wu Su-jui]. Farm. i toks. 24 no. 1:22-30 Ja-F '61.

Stimulating effect of phenamine on defensive leukocytic reactions (phagocytosis) and the possibility of conditioned reflex reproduction of this effect [with summary in English]. V. E. Miklashevskii. Fiz. fiziol. i eksp. terap. 5 no. 2 35-39 Mr-Ap '61.

PHENOBARBITAL

Effect of luminal on blood regeneration processes [with summary in English]. I. B. Kozlovskaia. Farm. i toks. 24 no. 1 83-88 Ja-F '61.

PHENOL

Comparative characteristics of colorimetric methods for the determination of small quantities of phenol in industrial sewage. F. G. Diatlovitskaia. Gig. i san. 25 no. 3 60-63 Mr '60.

Promoting a skeletal nickel catalyst. Report No. 1. Hydrogenation of m-nitrophenol. N. I. Shcheglov, D. V. Sokol'skii, A. A. Ishchenko. Izv. AN Kazakh. SSR. Ser. Khim. no. 2:81-88 '60.

PHENOL—PHYSIOLOGICAL EFFECT

Changes in the seminal excretory ducts of the rabbit caused by synestrol and their involution [with summary in English]. A. G. Bobkov. Biul. eksp. biol. i med. 50 no. 10:122-126 O '60.

PHENOL—TOXICOLOGY

Adenosinephosphoric acid content of the rat liver and muscles in dinitrophenol poisoning [with summary in English]. A. V. Kotel'nikova, V. V. Solomatina, I. A. Goiskaia. Biokhimiia 25 no. 6 1085-1091 N-D '60.

PHENOL CONDENSATION PRODUCTS

Dielectric properties of articles made of molding compositions based on phenol-formaldehyde and aniline-phenol-formaldehyde resins. I. F. Kanavets, L. F. Grigor'eva. Plast. massy no. 6:18-20 '61.

New height. G. Alova. IUn. tekh. 5 no. 2:17-19 F '61.

Rival of molibdene and tungsten. IUn. tekh. 5 no. 2:18-19 F '61.

Study of phenol formaldehyde plastics in the chemistry course of the secondary school. G. T. Zamulin. Khim. v shkole 16 no. 3:55-65 My-Je '61.

PHENOLOGY

Flowering and ripening time of strawberries in central regions of the non-Chernozem belt of the European part of the U.S.S.R. B. I. Ogorodnikov. Trudy TSIP no. 107:44-50 '61.

PHENOLOGY—STUDY AND TEACHING see subdivision under Sukhoy Log District

PHENOLS

Determination of monohydric phenols by partition chromatography and ultraviolet spectrophotometry [with summary in English]. I. M. Belova. Zhur. anal. khim. 16 no. 2:229-236 Mr-Ap '61.

Presence of phenols in sewage from oil refineries. L. S. Gurvich, A. I. Kuper. Gig. i san. 25 no. 3, 105-106 Mr '60.

PHENOTHIAZINE

Comparative anticonvulsant activity of phenothiazine derivatives in experimental electric shock [with summary in English]. K. S. Raevskii. Biul. eksp. biol. i med. 51 no. 2:64-68 F '61.

Effect of iprazine on the electrical activity of the brain [with summary in English]. R. IU. Il'iuchenok, R. U. Ostrovskaia. Farm. i toks. 24 no. 1, 18-22 Ja-F '61.

Effect of phenothiazine derivatives on the action of analgesics [with summary in English]. N. K. Bairkov. Biul. eksp. biol. i med. 51 no. 2:60-64 F '61.

PHENOXAZINE

Phenoxazine series. Part 3. Glycide derivatives of phenoxazine. V. G. Samolovova, T. V. Goltinskaia, M. N. Shchukina. Zhur. ob. khim. 31 no. 5:1492-1497 My '61.

Phenoxazine series. Part 4. Acyl derivatives of phenoxazine and 1-carbethoxy-3-aminophenoxazine. G. S. Predvoditeleva, M. N. Shchukina. Zhur. ob. khim. 31 no. 5 1497-1500 My '61.

PHILIPPINES—HISTORY

Guber, A. A. [The Philippine Republic of 1898 and American imperialism] Filippinskaia Respublika 1898 goda i amerikanskii imperializm. Izd. 2., ispr. i dop. Moskva, Izd-vo vostochnoi lit-ry, 1961. 302 p.

PHILOLOGY—STUDY AND TEACHING

The Institute of Eastern Languages. A. Kotova, E. Paevskaia. Vest. Mosk. un. Ser. 7. Filol., zhur. 15 no. 2 92-93 Mr-Ap '60.

The Philology Faculty. V. N. Epifanskaia-Kazniuk. Vest. Mosk. un. Ser. 7. Filol., zhur. 15 no. 2 86-91 Mr-Ap '60.

PHILOSOPHICAL ANTHROPOLOGY

Gal'perin, S. I. [A criticism of theories tending to "biologize" man] Kritika teorii biologizatsii cheloveka. Leningrad, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, Leningr. otd-nie, 1960. 51 p.

PHILOSOPHY

Against present-day anti-Marxism ("'Present-day' critics of Marxism" [in Bulgarian] by N. Bibadzhakov. Reviewed by K. Orlova, A. Pavlov). Kommunist 38 no. 9: 118-120 Je '61.

Dynnik, M. A., and others, eds. [The history of philosophy in six volumes] Istoriia filosofii v shesti tomakh. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 5. 1961. 917 p.

"On the 'Philosophical notebooks' of V. I. Lenin." Reviewed by A. Koptseva. Novyi mir 36 no. 5:258-260 My '60.

What do we gain by studying the history of philosophy? B. Bykhovskii. Polit. samoobr. 5 no. 6 68-73 Je '61.

PHILOSOPHY—BIBLIOGRAPHY see Bibliography—Philosophy

PHILOSOPHY—HISTORY

Raynal as a historian of philosophy [with summary in English, p. 186] E. L. Zel'manova. Vop. filos. 15 no. 5 103-111 '61.

PHILOSOPHY—PERIODICALS see subdivision under Germany, East

PHILOSOPHY—RESEARCH

On the upgrade. B. F. Semkov. Vop. filos. 15 no. 5 138-143 '61.

PHILOSOPHY—STUDY AND TEACHING

Forming youth's philosophy is a creative process. P. V. Kopnin. Vest. vys. shkoly 19 no. 5, 75-81 My '61.

PHILOSOPHY, ENGLISH

Locke, John. [Selected philosophical works in two volumes] Izbrannye filosofskie proizvedeniia v dvukh tomakh. Moskva, Izd-vo sotsial'no-ekon. lit-ry.
Vol. 2. 1960. 532 p.

PHILOSOPHY, GERMAN

[Against present-day bourgeois ideology; collected articles of German Marxists] Protiv sovremennoi burzhuaznoi ideologii, sbornik statei nemetskikh marksistov. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 317 p.

PHLEGMON

Clinical and radiological parallels in perimaxillary phlegmons. V. Z. Skorohogat'ko. Stomatologiia 40 no. 2, 32-33 Mr-Ap '61.

Some differential diagnostic signs in perimaxillary phlegmons. M. D. Dubov. Stomatologiia 40 no. 1: 59-63 Ja-F '61.

PHLOROGLUCINOL

Enzymatic oxidation of phloroglucinol in plants [with summary in English]. V. R. Popov. Biokhimiia 26 no. 2 273-275 Mr-Ap '60.

PHONORECORDS

A rare document. L. Volkov-Lannit. Sov. voin. 41 no. 6:6 Mr '60.

PHOSPHATASE

Comparative cytochemical study on the activity of succinic dehydrogenase and alkaline phosphatase in the cells of primary explanted and transplanted tissue cultures. [with summary in English]. V. G. Zaslavskii. Biul. eksp. biol. i med. 51 no. 2:107-110 F '61.

Kinetics of sodium phenyl phosphate hydrolysis by alkaline phosphatase [with summary in English]. A. P. Brestkin and others. Biokhimiia 26 no. 2:260-275 Mr-Ap '61.

Leucocyte phosphatase catalyzing the hydrolysis of adenylic acid. T. M. IAkovleva. Dokl. AN SSSR 136 no. 1, 211-213 Ja '61.

Phosphatases of leucocytes catalyzing the hydrolysis of various substrates at different pH values. T. M. IAkovleva. TSitologiia 2 no. 2 208-218 Mr-Ap '60.

A06276 O - 61 - 16

PHOSPHATASE (Continued)

Quantitative relationship between phosphatase activity, pathogenic properties, and penicillin resistance in Staphylococcus [with summary in English]. A K Akatov, Z I. Lebedeva Antibiotiki 6 no 4 363-366 Ap '61

PHOSPHATE COATING

Phosphatizing in the cold upsetting of reinforcement elements F.M.Ladyzhenskaia and others. Stal' '21 no.5 471-471 My '61.

PHOSPHATES

Effect of magnesium compounds on the composition and hygroscopicity of simple and ammoniated superphosphates A. A. Vishniakova, M N Nabiev Izv AN Uz SSR no 11 25-35 '56

Effect of phosphates on the antibacterial activity of erythromycin and amphomycin in vitro and methods for the titration of these antibiotics in animal organs and urine [with summary in English]. I. A Kunrat. Antibiotiki 5 no. 2 88-91 Mr-Ap '60.

Effect of phosphacol on certain structural elements of the blood in rabbits according electron microscope data [with summary in English]. V. S. Petrov. Farm. i toks. 24 no. 1 86-94 Ja-F '61.

How plants utilize granulated superphosphate applied at the time of sowing. L. O. Filipov, N. S. Zhurbina. Nauk. pratsi Ukr. nauk.-dosl. inst. zrosh. zeml. 1.115-118 '59.

Polyphosphate characteristics of volutin granules from Act. erythreus [with summary in English]. M A Guberniev, L. I. Torbachkina, N. S Bondareva Antibiotiki 6 no. 1 5-9 Ja '61

Ways of improving labor productivity in simple superphosphate production. V. Goloshchapov, L. Kazantseva. Biul. nauch. inform.: trud i zar. plata 4 no. 5:24-33 '61.

PHOSPHAZO COMPOUNDS

N, N', N''-Triethylenetriamidophosphazo compounds and N', N'', N'''-triethylene-N-diamidophosphinylalkanamidines A. A Kropacheva, G I Derkach, A V. Kirsanov Zhur ob khim 31 no. 5 1601-1604 My '61

Thermal cleavage of phenyl trichlorophosphazocarbonate A. V. Kirsanov, M S. Marenets. Zhur ob. khim. 31 no. 5:1605-1607 My '61

PHOSPHINIC ACID

New method of synthesizing esters of phosphinic and thiophosphinic acids. Part 35 Addition of phosphorus pentochloride to diene hydrocarbons and of partial esters of phosphorus acids to butadienephosphinic esters. A N Pudovik, I. V. Konovalova Zhur ob khim 31 no. 5 1693-1699 My '61

Preparation of fluorine derivatives of phosphorus. A IA IAkubovich, V. A Ginsburg, S P. Makarov Zhur. ob khim. 31 no. 5 1517-1518 My '61.

PHOSPHOLIPIDS

Effect of vitamin B_{12} on the amount of cholesterol, phospholipids, and prothrombin in the blood serum and on blood coagulation in patients with atherosclerosis. L. N. Ignatova. Klin. med. 39 no 5:49-52 My '61.

PHOSPHONIC ACID

Extraction of the total radioactive isotopes with esters of butylphosphonic acids. A V Nikolaev, S. M Shubina, N. M. Sinitsyn. Radiokhimiia 2 no.1:3-5 '60

Extraction of uranium (VI) and (IV) with diisoamyl methylphosphonate from hydrochloric acid solutions. V. D. Shevchenko, V. S. Shmidt, E. A. Nenarokomov. Radiokhimiia 3 no. 2:129-136 '61.

Synthesis of diaryl phosphates and aryl phosphonates, and some of their properties K. A. Petrov, E. E. Nifant'ev, R. F. Nikitina. Zhur. ob khim 31 no 5 1705-1709 My '61

PHOSPHORIC ACID

Extraction of uranium from phosphoric acid solutions. B. N. Laskorin, V. F. Smirnov. Zhur. prikl. khim. 33 no. 10:2172-2179 O '60.

Imides of phosphorus acids. Report No. 6: Trialkyl-N-acylimidophosphates. M. I Kabachnik, V. A. Gilyarov. Izv. AN SSSR, Otd. khim nauk no 5:819-823 My '61.

New synthesis of dialkyl phosphates. K. A. Petrov, E. E. Nifant'ev, T. N. Lysenko. Zhur. ob. khim. 31 no 5 1709-1711 My '61

Periodic effects in the anodic dissolution of copper in phosphoric acid [with summary in English]. V. A. Dmitriev, E. V. Rzhevskaia. Zhur. fiz. khim. 35 no. 4:871-878 Ap '61.

Reactions of some rare earth elements with dibutylphosphate, and their extraction separation. B. E. Kriss, Z. A. Sheka. Dokl. AN SSSR 136 no. 4:846-849 Je '61.

Respiration, glycolysis, and the level of high-energy compounds (adenosine triphosphoric acid, phosphocreatine) in brain tissues in carbon monoxide poisoning [with summary in English]. E. B. Sepotsinskaia, E. A. Gordienko. Pat. fiziol. i eksp. terap. 5 no. 2:53-56 Mr-Ap '61.

Synthesis of diaryl phosphates and aryl phosphonates, and some of their properties K. A. Petrov, E. E. Nifant'ev, R. F. Nikitina. Zhur. ob. khim 31 no 5 1705-1709 My '61

PHOSPHORITES

(see also subdivision under Gornaya Shoriya, Kara-Tau; Lvov Economic region; Nakhichevan A S S R , Stanislav Economic region)

Effect of various impurities on the extent of the decomposition of phosphorites. A. B. Bekturov, IU. A Pokrovskaia, S. I. Kalmykov. Izv. AN Kazakh SSR Ser. khim no 2 21-28 '60.

PHOSPHOROUS ACID

Preparation of trialkyl phosphites P. M. Zavlin, B I. Ionin Zhur. prikl. khim 33 no 10 2375-2378 O '60

Reactions of α,β-unsaturated acids with trialkyl phosphites Gil'm Kamai, V. A Kukhtin Zhur ob khim 31 no 5 1735-1736 My '61

PHOSPHORS—MAGNETIC PROPERTIES

Magnetochemistry of active centers. Part 6: Magnetic properties of phosphor crystal catalysts [with summary in English] I V Kiylova, N. I. Kobozev. Zhur. fiz. khim. 35 no. 4:911-916 Ap '61.

PHOSPHORUS

Effect of mineral phosphorus on the biosynthesis of tetracycline and on the composition of phosphorus fractions in Act aureofaciens in reaction to mycelial growth and cultivation [with summary in English]. I I. Belousova, L. A. Popova. Antibiotiki 6 no 4 302-307 Ap '61

Effect of the introduction of mineral phosphorus into the medium on the development of Act rimosus [with summary in English]. Z M Zaitseva, G R Mikhailova Antibiotiki 6 no. 1 20-25 Ja '61

PHOSPHORUS—ISOTOPES

De-activation of drinking water containing radioactive phosphorus by contact coagulation V. IA. Gorodishcher, N. I. Mashneva. Gig i san. 25 no. 7 56-60 Jl '60.

Dissemination of BCG cultures labeled with radioactive phosphorus in guinea pigs following intranasal administration [with summary in French]. M. S. Chizhkov. Probl. tub. 38 no. 3:108-111 '60.

Effect of radioactive phosphorus (P32) on the multiplication of rhizosphere bacteria. V. T Smalii. Mikrobiol zhur. 23 no. 1 28-34 '61.

Functional changes in patients with polycythemia during radioactive phosphorus therapy V V Shashkina Med. rad. 6 no. 3:3-7 '61

Healing of comminuted fractures following administration of various doses of radioactive phosphorus [with summary in English]. G N Ushakova. Arkh anat gist i embr. 39 no. 11 60-67 N '60.

Sorption of radioactive elements by glass. Sorption of radiophosphorus N. G. Rozovskaia Radiokhimiia 2 no. 1:20-23 '60

Sorption of radioelements from solutions. Part 1: Sorption of Ag^{110}, P^{32}, and Zr^{95} on a fluorinated glass surface. I. E. Starik, N. G. Rozovskaia. Radiokhimiia 3 no. 2:144-149 '61.

Study of the phosphorus metabolism of the brain in trichodesmotoxicosis in nontuberculous and tuberculous guinea pigs by means of radioactive phosphorus. E Sodikov. Shor trud Uz nauch.-issl. tub. inst. 3.57-61 '57.

PHOSPHORUS—PHYSIOLOGICAL EFFECT

Biogeochemical provinces with calcium and phosphorus deficiency in Novosibirsk Province. L. G. Masharova. Trudy Biogeokhim. lab. no. 11:189-196 '60.

PHOSPHORUS ACID

Imides of phosphorus acids. Report No. 5: Reactions of trialkylphosphites with hydrazoic acid M I Kabachnik, V. A. Gilyarov. Izv AN SSSR, Otd khim nauk no. 5:816-818 My '61.

Rate of the reaction between some esters of phosphorus acid and carbon tetrachloride. Gil'm Kamai, F M. Kharrasova Izv. vys ucheb. zav., khim. i khim tekh. 4 no. 2 220-231 '61

Some new types of the Arbuzov rearrangement. Part 12 Action of mercury acetate on trialkyl phosphites. IA. A Levin, V. A. Kukhtin. Zhur. ob. khim 31 no. 5 1552-1553 My '61

PHOSPHORUS BACTERIA see Bacteria, Phosphorus

PHOSPHORUS IN THE BODY

Study of phosphorus compounds in some strains of actinomycetes [with summary in English]. N. A. Kokurina, I. S. Kulaev, A. N. Belozerskii. Mikrobiologiia 30 no. 1: 15-20 Ja-F '61.

PHOSPHORUS METABOLISM

Effect of certain substrates and biologically active substances on the rate of renewal of phosphorus compounds in brain slices [with summary in English]. Chzhan TSzin' [Chang Chin]. Biokhimiia 25 no 6 1099-1104 N-D '60.

Effect of deep hypothermia on the carbohydrate-phosphorus metabolism of brain tissue [with summary in English]. G. A. Nechaeva. Biul. eksp. biol. i med. 49 no. 3:54-57 Mr '60.

Effect of feed proteins on age changes in the calcium and phosphorus metabolism of chicken. IU N. Baliuzhevs'kyi. Visnyk sil'hosp. nauky 4 no. 4:130-121 Ap '61.

Effect of morphine and nalorphine on the content of labile phosphorus compounds in the brain [with summary in English]. E B. Arushanian. Biul. eksp. biol. i med. 51 no. 1 60-63 Ja '61.

Effect of the autonomic nervous system on the absorption of radioactive phosphorus from the pleural cavity V R Faitelberg-Blank Fiziol zhur 47 no 3:325-328 Mr '61

Phosphorus metabolism in the ontogeny of spring wheat. L. N Kazanskaia. Fiziol. rast. 7 no. 2 234-237 '60.

Study of the phosphorus metabolism of the brain in trichodesmotoxicosis in nontuberculous and tuberculous guinea pigs by means of radioactive phosphorus E. Sodikov Shor trud Uz nauch.-issl tub inst 3 57-61 '57

Studying phosphorus compounds in developing Azotobacter vinelandii by the use of P^{32} [with summary in English] G. N. Zaitseva, A N Belozerskii, L. P. Novozhilova Biokhimiia 25 no 2 198-210 Mr-Ap '60

PHOSPHORUS ORGANIC COMPOUNDS

Diethyl-Se-Chloroselenophosphate. Jan Mikhal'skii, Anna Markovskaia. Dokl AN SSSR 136 no 1:108-110 Ja '61

Mineralization of organophosphates in the Carpathian brown soil. L S Litvinov, R T. Rypets'kyi, Mikrobiol zhur. 23 no. 1.9-14 '61.

Substituting sulfur for oxygen in organophosphorus compounds. N N. Godovikov, M. I Kabachnik Zhur. ob khim 31 no 5 1628-1631 My '61

PHOSPHORYLATION

Comparative study of the effect of photosynthetic poisons on photochemical conversion of some xanthophylls [with summary in English]. Z. M. Eidel'man and others. Fiziol. rast. 8 no. 2:129-132 '60.

Oxidation phosphorylation of the brain exposed to oxygen under increased pressure [with summary in English] Z G. Bronovitskaia, Z S Gershenovich Biokhimiia 25 no 6 981-986 N-D '60

Respiration and associated phosphorylation in homogenates and mitochondria of the heart muscle in experimental myocarditis in rabbits [with summary in English]. A.M. Zubovskaia. Biul. eksp. biol. i med. 51 no. 3.55-58 Mr '61.

PHOTOCHEMISTRY

Topography of the primary photochemical process in the emulsion crystal. K. Ondreichik. Zhur. nauch. i prikl fot. i kin 5 no. 2:81-83 Mr-Ap '60

PHOTOCOLORIMETERS see Colorimeters

PHOTOELASTICITY

Application of photoelasticity to the study of diffusion of waves of stress. L. K. Malyshev. Strot. mekh. i rasch. soor. 3 no. 2:1-5 '61.

Using the optical method in solving the volumetric problem. V. M. Proshko. Trudy MIIT no. 131:168-177 '61.

PHOTOELECTRIC CELLS

Photorelay using semiconductors and its application in the school. K. Aimanov, I. Rumiantsev. Fiz. v shkole 20 no. 2:68-72 Mr-Ap '60.

Simplified photorelay circuit. Z. M. Roznikov. Fiz. v shkole 20 no. 2.72 Mr-Ap '60.

Solar batteries. M. S. Sominskii. Nauka i zhizn' 28 no. 4:37-41 Ap '61.

PHOTOELECTRIC MEASUREMENTS

Applying the phase-shift method for measuring the life of nonequilibrium charge carriers in semiconductors. S. V. Bogdanov, B. D. Kopylovskii. Fiz. tver. tela 3 no. 3: 926-934 Mr '61.

Photocompensating recording follow-up systems. A. M. Ilukovich. Izm. tekh. no. 5:58-60 My '60.

Russia (1923 U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 276-58 for checking portable selenium luxmeters] Instruktsiia 276-58 po poverke perenosnykh selenovykh liuksmetrov. Izd. ofitsial'noe. Moskva, 1958, 15 p.

PHOTOELECTRIC MULTIPLIERS

Copying milling machine with photoelectric mechanical control. M. I. Kiselev. Mashinostroitel' no. 5:9-10 My '60.

PHOTOELECTRICITY

Law of mutual substitution and the quasi-stationary nature of electronic processes in photoelectrets. E. I. Adirovich, V. M. Fridkin. Dokl. AN SSSR 136 no. 4: 820-823 Je '61.

Photodielectric properties of polycrystalline cadmium selenide at low temperatures. IA. A. Okman, A. V. Burlakov, E. B. Aleksandrov. Fiz. tver. tela 3 no. 3: 729-735 Mr '61.

Photoelectric sensitivity of crystalline chlorophyll and pigments of green leaves. E. K. Putselko, A. N. Terenin. Dokl. AN SSSR 136 no. 5:1223-1226 F '61.

Spectral distribution of the photoelectric sensitivity of Cu_2O crystals at low temperatures. I. Pastirniak, R. A. Titov. Fiz. tver. tela 3 no. 3:861-868 Mr '61.

PHOTOGRAMMETRY
Experimental determination of the angle of deflection from the vertical of hoist ropes by the method of photogrammetry. F. M. Lefner. Trudy TSNIIMF 7 no.32 107-111 '61.

PHOTOGRAPHIC EMULSIONS
Effect of desensitizers on the photoelectrochemical effect of silver bromide. K. K. Demidov, E. A. Pozigun. Zhur. nauch. i prikl. fot. i kin. 6 no.3 161-163 My '61.
Effect of emulsification factors on the shape of the spectral sensitivity curve of emulsion layers. P. V. Meikhar. Zhur. nauch. i prikl. fot. i kin. 5 no.2 141-142 Mr-Ap '60
Effect of gelatin on the kinetics of the chemical ripening of photographic emulsions. V. A. Bekunov. Zhur. nauch. i prikl. fot. i kin. 6 no.3 203-212 My '61.
Effect of germanium sol on the sensitivity to light and development of photographic layers. V. N. Maslov, A. V. Lishina. Zhur. nauch. prikl. fot. i kin. 6 no.3: 229-231 My '61.
Increase of the sensitivity and development compensation in type "R" emulsions in glued condition. D. M. Samoilovich and others. Zhur. nauch. i prikl. fot. i kin. 5 no.2 142-143 Mr-Ap '60
More accurate methods for determining the chemical composition of nuclear track emulsions. M. F. Rodicheva. Zhur. nauch. i prikl. fot. i kin. 5 no.2 144 Mr-Ap '60
Nuclear track emulsions made from lead and silver salts. N. R. Novikova. Zhur. nauch. i prikl. fot. i kin. 5 no.2 145-146 Mr-Ap '60.
Photographic properties of gelatin layers containing silver acetylide. V. D. Stashonok, V. V. Svirkov. Zhur. nauch. i prikl. fot. i kin. 6 no.3:186-192 My '61.
Sensitivity of extra-fine grained P-9 emulsions to the visible spectrum and their optical sensitization. V. V. Vasil'ev, K. S. Lialikov, N. A. Perfilov. Zhur. nauch. i prikl. fot. i kin. 6 no.3:227-229 My '61.
Topography of the primary photochemical process in the emulsion crystal. K. Ondreichik. Zhur. nauch. i prikl. fot. i kin. 5 no.2 81-83 Mr-Ap '60
Use of the X-ray method for analyzing chromobromine emulsions. S. A. Belik, Iu. M. Prokhotskii, M. I. Rudenko. Zhur. nauch. i prikl. fot. i kin. 6 no.3:231-233 My '61.

PHOTOGRAPHIC OPTICS
Contrast functions of aberration-free lenses and properties of the system actual lens - light-sensitive layer. G. A. Istomin. Zhur. nauch. i prikl. fot. i kin. 5 no.2 146-147 Mr-Ap '60

PHOTOGRAPHIC SENSITOMETRY
Comparing the filters for artificial sunlight used in sensitometric tests. S. S. Gilev, E. M. Shipilova. Zhur. nauch. i prikl. fot. i kin. 5 no.2 96-100 Mr-Ap '60
Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 273-58 for checking sensitometers] Instruktsiia 273-58 po poverke sensitometrov. Izd. ofitsial'noe. Moskva, 1958. 18 p.
Sensitization of photographic plates for the ultraviolet region of the spectrum. I. A. Berezin, A. I. Stepanova. Opt. i spektr. 8 no.3.408-410 Mr '60.
Use of the Fourier integral in investigating the properties of the optical and photographic image. A. T. Ashcheulov. Zhur. nauch. i prikl. fot. i kin. 5 no.2 146-157 Mr-Ap '60
Using the photographic method for the light modeling of radiant heat exchange. V. N. Adrianov, G. L. Poliak. Zhur. nauch. i prikl. fot. i kin. 5 no.2 123-132 Mr-Ap '60

PHOTOGRAPHIC SENSITOMETRY—STANDARDS
International standardization of sensitometry. I. A. Chernyi. Zhur. nauch. i prikl. fot. i kin. 5 no.2: 158-159 Mr-Ap '60

PHOTOGRAPHY
(see also subdivision under Azerbaijan, Estonia; Kazakhstan, Ukraine; White Russia)
"Grundriss der Photographie und ihrer Anwendung in der Atomphysik" by G. Joos, E. Schopper. Reviewed by A. L. Kurluzhanskii. Zhur. nauch. i prikl. fot. i kin. 6 no.3:239-240 My '61.
Main feature of photography is reporting. K. Hajek. Sov. foto 21 no.5:30-33 My '61.

PHOTOGRAPHY—BIBLIOGRAPHY see Bibliography—Photography

PHOTOGRAPHY—COMPETITIONS
Toward new successes! A. Bryshkov. Vsem. stud. nov. 15 no.11-2 Ja '61.
Unusual hunt. I. Tolokonnikov. Smena 38 no.8:31 Ap '61.

PHOTOGRAPHY—DEVELOPING AND DEVELOPERS
Effect of silver halide concentration in the emulsion layer on its resolving capacity dependent on the nature of the developing agent. I. M. Kilinskii, A. N. Iordanskii. Zhur. nauch. i prikl. fot. i kin. 5 no.2:108-113 Mr-Ap '60.
Effect of the concentration of developing substances on high speed developing. Part 4. High speed developing of negative photographic materials. P. I. Lovina, V. A. Veidenkakh. Zhur. nauchn. i prikl. fot. i kin. 6 no.3: 164-170 My '61.
Efficient formula for developers. I. D. Blumberg. Zhur. nauch. i prikl. fot. i kin. 6 no.3:235-237 My '61.
Increase of the sensitivity and development compensation in type "R" emulsions in glued condition. D. M. Samoilovich and others. Zhur. nauch. i prikl. fot. i kin. 5 no.2 142-143 Mr-Ap '60
Studying kinetics of the development of the latent image in xerography. I. V. Anfilov. Zhur. nauch. i prikl. fot. i kin. 6 no.3:220-224 My '61.

PHOTOGRAPHY—EQUIPMENT AND SUPPLIES
"Photographing with the 'Smena' camera" by A. A. Syrov. Reviewed by S. Kniazev. Shkola i proizv. 5 no.5 62 My '61

PHOTOGRAPHY—EXHIBITIONS
(see also subdivision under Armenia, Latvia; Uzbekistan)
Age of the conquest of the space. I. Chkalov. Sov. foto 21 no.5:23 My '61.
Festival of Soviet photography. G. Chudakov. Sov. foto 21 no.5:6-7 My '61.
Foreign visitors at the "Seven-Year Plan in Action" exhibition. Sov. foto 21 no.5:7 My '61.
International exhibition in Moscow. Iu. Khodzhaev. Sov. foto 21 no.5:44 My '61.
Mirror of great achievements. M. Samoro. Sov. foto 21 no.5:22 My '61.
News photographers must dedicate their talent to the hero of our times. P. Dar'enko. Sov. foto 21 no.5:14-15 My '61.
Open the road to color slides. V. Siroeva. Sov. foto 21 no.5:23 My '61.
Preparing for the International Student's Forum. Iu. Korolev. Sov. foto 21 no.5 44 My '61.
Results of the Second All-Union Photographic Exhibition "The Seven-year Plan in Action." Sov. pech. no.6:42-43 Je '61.
With a feeling of gratitude. A. Letavet. Sov. foto 21 no.5 21 My '61.

PHOTOGRAPHY—FILMS
Dark discoloration of infrared sensitizers. K. S. Lialikov and others. Zhur. nauch. i prikl. fot. i kin. 6 no.3.178-185 My '61.

PHOTOGRAPHY—LIGHT FILTERS
Comparing the filters for artificial sunlight used in sensitometric tests. S. S. Gilev, E. M. Shipilova. Zhur. nauch. i prikl. fot. i kin. 5 no.2 96-100 Mr-Ap '60
Use of polaroid light filters in aerial maritime surveying. A. M. Kuzina, N. S. Ramm, I. V. Semenchenko. Izv. vys. ucheb. zav., geod. i aerof. no.6.83-85 '60.

PHOTOGRAPHY—NEGATIVES
Improving the quality of aerial negatives of steppe landscapes. M. N. TSyganov. Geod. i kart. no.1 47-52 Ap '61.

PHOTOGRAPHY—PORTRAITS
Image of our contemporary. V. Shakhovskoi. Sov. foto 21 no.5:8-9 My '61.

PHOTOGRAPHY—PRINTING PAPERS
"Novobrom." IA. Zaidenberg. Sov. foto 21 no.5:40-41 My '61.

PHOTOGRAPHY—PRINTING PROCESSES
Processing of positive prints is a creative process! E. Iofis. Sov. foto 21 no.5:40 My '61.

PHOTOGRAPHY—SOCIETIES, ETC.
Today's photography section will be a club of photographers tomorrow. B. Mizrokhin. Sov. foto 21 no.5:43 My '61.

PHOTOGRAPHY, AERIAL
Improving the quality of aerial negatives of steppe landscapes. M. N. TSyganov. Geod. i kart. no.1 47-52 Ap '61.

PHOTOGRAPHY, AERIAL—EQUIPMENT AND SUPPLIES
Studying the SP-2 spectrozonal film in making aerial photographs of nature subjects. Zhur. nauch. i prikl. fot. i kin. 6 no.3:193-202 My '61.

PHOTOGRAPHY, ARTISTIC
Against the downgrading of photography as an art. S. Morozov. Sov. foto 21 no.5:30 My '61.
Disappointing shortcomings of an otherwise interesting article. F. Horneck. Sov. foto 21 no.5:37 My '61.
Equipment substituting for man. H. Bronowski. Sov. foto 21 no.5:37-38 My '61.

PHOTOGRAPHY, FLASHLIGHT
Homemade photographic lamps. D. Starodub. Znan. ta pratsia no.4:23-24 Ap '61.

PHOTOGRAPHY, HIGH-SPEED
Quality of the image taken with high speed cameras. G. L. Belinskaia. Zhur. nauch. i prikl. fot. i kin. 6 no.3 213-219 My '61.

PHOTOGRAPHY, MEDICAL
Endophotography in otorhinolaryngology. Iu. F. Sarlush-Zaleskii. Vest. otorin. 22 no.1.72-73 Ja-F '60.
Independent preparation of slides on the subject "Clinical laboratory investigations." V. S. Ronin. Fel'd. i akush. 26 no.5:59-60 My '61.
Photographing Purkinje images [with summary in English]. E. G. Shaer. Oft. zhur. 15 no.3:171-175 '60.

PHOTOGRAPHY, MEDICAL—CONGRESSES
International Congress on Medical Photography and Cinematography. Zhur. nauch. i prikl. fot. i kin. 5 no.2 159 Mr-Ap '60

PHOTOGRAPHY, PARTICLE TRACK
Production of charged π-mesons in the interaction between 9 Bev. protons and photographic emulsion nuclei [with summary in English]. N. P. Bogachev and others. Zhur. eksp. i teor. fiz. 38 no.2 432-440 F '60.
Applicability of the Fermi-Teller "Z-law" for a photoemulsion containing uranium. G. E. Belovitskii. Zhur. eksp. i teor. fiz. 38 no.2 656-660 F '60.
Investigating a high energy interaction in photographic emulsion [with summary in English]. Kh. P. Babaian, M. G. Sarinian, E. R. Tumanian. Zhur. eksp. i teor. fiz. 38 no.2.313-318 F '60.
More accurate methods for determining the chemical composition of nuclear track emulsions. M. F. Rodicheva. Zhur. nauch. i prikl. fot. i kin. 5 no.2 144 Mr-Ap '60
Nuclear track emulsions made from lead and silver salts. N. R. Novikova. Zhur. nauch. i prikl. fot. i kin. 5 no.2 145-146 Mr-Ap '60

PHOTOGRAPHY, PARTICLE TRACK—DEVELOPING AND DEVELOPERS
Development of nuclear emulsions. L. M. Barkov, D. M. Samoilovich. Dokl. AN SSSR 136 no.5:1059-1062 F '61

PHOTOGRAPHY, STEREOSCOPIC
Practice of using twin cameras for surveying open-pit mines. D. V. Briezhnev. Izv. vys. uchob. zav., gor. zhur. no.11:28-31 '59.

PHOTOGRAPHY OF DOCUMENTS
How the current methods of photographic interpretation can be used in paleography and the study of historical sources. V. S. Golyshenko, V. S. Liublinskii, D. P. Erastov. Probl. istoch. no.9:408-432 '61.

PHOTOMETERS
Radiometering photometer. I. G. Gol'dreer, M. L. Petrova. Izm. tekh. no.5:57-59 My '60.

PHOTOMETRY
Determination of potassium and sodium in blood and in water by means of flame photometry. M. V. Nifontova. Lab. delo 7 no.5:8-12 My '61.
Quantitative determination of potassium and sodium in some biological liquids by means of flame photometry. A. A. Krokhalev. Lab. delo 7 no.5:12-14 My '61.
Ultraviolet cytophotometry of the different functional zones of the brain. L. Z. Povzner. TSitologiia 2 no.2:179-185 Mr-Ap '60.

PHOTOMETRY, ASTRONOMICAL
Photometry of comets. S. K. Vzekhsviatskyi. Visnyk Kyiv un. Ser. astron., mat. ta mekh. no.1:135-144 '58.

PHOTOMICROGRAPHY
Single-valued microfractography. Iu. I. Denkin. Fiz. met. i metalloved. 11 no.6:814-815 My '61.

PHOTOPERIODISM
Effect of the length of the day on the activity of glycolysis and the tricarboxylic acid cycle [with summary in English]. N. P. Aksenova. Fiziol. rast. 8 no.3:338-344 '61.
Flowering of short-day plants under conditions of continuous illumination. N. I. Volodarskii. Dokl. AN SSSR 138 no.2:473-476 My '61.
Physiological analysis of varietal populations of the sunflower. E. N. Sinskaia. Fiziol. rast. 7 no.2:225-231 '60.

PHOTOSYNTHESIS
Comparative study of the effect of photosynthetic poisons on photochemical conversion of some xanthophylls [with summary in English]. Z. M. Eidel'man and others. Fiziol. rast. 8 no.2:129-132 '60.
On the rate of photosynthesis in the cotton leaf. V. S. Matveeva. Uzb. biol. zhur. no.2.16-18 '60.
Photochemical exchange of hydrogen atoms of chlorophyll in photosynthesis [with summary in English]. V. M. Kutiurin. Fiziol. rast. 7 no.2:133-140 '60.
Photosynthesis of corn in White Russia. Z. G. Dudko, I. M. Kurbatov. Sbor. nauch. rab. Bel. otd. VBO no.1: 25-31 '59.
What is going to happen to the sky? This problem worries the scientists today. A. E. Arbuzov. Tekh. mol. 29 no.4:24-26 Ap '61.

PHOTOTELEGRAPHY

Correction of halftone characteristics in magnetic recording of phototelegraphic images. M. V. Gitlits, V. G. Patrunov. Nauch. dokl. vys. shkoly, radiotekh. i elektron. no. 2, 311-319 '59.

PHREATOPHYTES

Possibility of predicting the mineralization of underground water from the chlorine content of phreatophyte plants. A. V. Shavyrina. Sov. geol. 1 no. 3, 111-114 Mr '58.

PHTHALIC ACID

Conversions of oxygen compounds (anisole, acetophenone, dimethyl phthalate) during the destructive hydrogenation in the presence of an alumina-molybdenum oxide catalyst. V. A. Zakharenko, A. V. Lozovoi. Zhur. prikl. khim. 34 no. 3, 663-670 Mr '61.

PHTHALIMIDE—SPECTRA

Polarization spectra of phthalimides. A. M. Sarzhevskii. Dokl. AN BSSR 3 no. 5, 199-202 My '59.

PHTHALOCYANINE

Phthalocyanine and its derivatives from diiminoisoindolines. V. F. Borodkin, R. P. Smirnov. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 2, 287-290 '61.

Spectrophotometric study of the interaction of phthalocyanine with ferric chloride. T. S. Glikman, Z. I. Barvinskaia. Opt. i spektr. 8 no. 3, 425-426 Mr '60.

PHTHALOCYANINE—SPECTRA

Effect of certain electrophilic compounds on the absorption and luminescence spectra of magnesium phthalocyanine solutions. I. A. Akimov, G. A. Korsunovskii. Opt. i spektr. 8 no. 3, 427-428 Mr '60.

PHYLOGENY (BOTANY)

[Akovlev, M. S.] Embryogenesis and its significance for the phylogeny of plants; reported at the Thirteenth Annual Komarov Lecture, Dec. 12, 1958] Embriogenez i ego znachenie dlia filogenii rastenii, dolozheno na trinadtsatom ezhegodnom Komarovskom chtenii 12 dekabria 1958 g. Moskva, Izd-vo Akad. nauk SSSR, 1960. 39 p. (Komarovskie chteniia, no. 13)

PHYSICAL EDUCATION AND TRAINING
(see also subdivision under Azerbaijan, Czechoslovakia, Moldavia; Moscow, Moscow Province, Norway, Rostov Province; Vinnitsa Province)

According to Lenin's behests. Teor. i prak. fiz. kul't. 24 no. 4, 241-245 '61.

Amount and system of physical load in athletic training. V. M. Zatsiorskii. Teor. i prak. fiz. kul't. 24 no. 3, 212-215 '61.

Certain regularly recurring features in all-around physical training. B. G. Filippov. Teor. i prak. fiz. kul't. 24 no. 1, 42-46 '61.

Changes in certain physiological features during the course of work. V. V. Skrabin, IU. M. Chernetskii. Teor. i prak. fiz. kul't. 24 no. 1, 47-50 '61.

Character of recovery processes in repetitive muscular work of maximum intensity. I. K. Gotsiridze. Teor. i prak. fiz. kul't. 24 no. 1, 37-39 '61.

Commitments of physical-culture organizations in honor of the 22nd Congress of the CPSU. Teor. i prak. fiz. kul't. 24 no. 5, 388-391 '61.

Concluding session of the Central Research Institute of Physical Culture. V. L. Fedorov. Teor. i prak. fiz. kul't. 24 no. 5, 395-398 '61.

Continually fight to improve instruction and training. I. I. Nikiforov. Teor. i prak. fiz. kul't. 24 no. 5, 326-330 '61.

Co-ordination of ideas on the theory of physical training and related disciplines. S. V. IAnanis. Teor. i prak. fiz. kul't. 24 no. 1, 56-60 '61.

Demonstrating progress in physical culture and sports at the Exhibition of Achievements of the National Economy of the U. S. S. R. during 1961. Teor. i prak. fiz. kul't. 24 no. 5, 391 '61.

Development of speed in athletic training. S. V. Kaledin. Teor. i prak. fiz. kul't. 24 no. 5, 359-362 '61.

Device for determining latent periods of motor reactions. I. N. Sal'chenko, I. M. Kozlov. Teor. i prak. fiz. kul't. 24 no. 1, 67-69 '61.

Effect of prolonged one-sided training on the degree of functional asymmetry. E. P. Il'in. Teor. i prak. fiz. kul't. 24 no. 3, 200-203 '61.

The essence of physical education as a social phenomenon. N. P. Novoselov. Teor. i prak. fiz. kul't. 24 no. 2, 131-132 '61.

Faculties of physical education in schools. V. I. Sinitsyn. Teor. i prak. fiz. kul't. 24 no. 4, 252-256 '61.

For further improvement in physical culture and sports in rural areas. D. V. Postnikov. Teor. i prak. fiz. kul't. 24 no. 3, 161-164 '61.

Gymnasium at home. B. Pustovoit. Smena 38 no. 7, 21-23 Ap '61.

How to expound the problems of training athletes. M. L. Ukran. Teor. i prak. fiz. kul't. 24 no. 1, 61-62 '61.

Improve the general physical preparation of athletes. L. P. Matveev. Teor. i prak. fiz. kul't. 24 no. 2, 86-92 '61.

Make better use of physical culture and sports in improving the health of the population. Teor. i prak. fiz. kul't. 24 no. 2, 157-159 '61.

Make sound preparations for the 3d Spartakiada of the peoples of the U. S. S. R. V. P. Filin. Teor. i prak. fiz. kul't. 24 no. 1, 257-259 '61.

Method of recording the quality of boxers' punches. A. N. Oliadnov. Teor. i prak. fiz. kul't. 24 no. 2, 150-152 '61.

Methodological errors in the study of physical training as a social phenomenon. V. I. Sukhotskii. Teor. i prak. fiz. kul't. 24 no. 5, 354-358 '61.

New developments in the initial instruction of athletes engaged in heavy sports. R. A. Roman. Teor. i prak. fiz. kul't. 24 no. 2, 111-112 '61.

New program on physical education. A. V. Mal'tsev. Sred. spets. obr. 8 no. 5, 47-50 My '61.

On to new goals. N. N. Romanov. Teor. i prak. fiz. kul't. 24 no. 1, 1-6 '61.

Our rivals abroad. IA. G. Kutsenko. Teor. i prak. fiz. kul't. 24 no. 3, 216-219 '61.

Physical culture at work and in daily life. I. P. Mokerov. Teor. i prak. fiz. kul't. 24 no. 1, 55-57 '61.

Physiology of sports and training practice. A. B. Gandel'sman, G. I. Nikiforov. Teor. i prak. fiz. kul't. 24 no. 2, 107-110 '61.

Plenary session of the commission on industrial calisthenics of the Scientific Council on Methodology of the Central Soviet of the Union of Athletic Societies and Organizations of the U. S. S. R. of S. Kochetkan. Teor. i prak. fiz. kul't. 24 no. 2, 159-160 '61.

Problem of instruction, education, and development in athletic training. A. TS. Puni. Teor. i prak. fiz. kul't. 24 no. 3, 210-212 '61.

Problems of athletic skill. Dragomir Mateev. Teor. i prak. fiz. kul't. 24 no. 2, 127-130 '61.

Problems of research in the field of physical education for older persons. N. G. Ozolin. Teor. i prak. fiz. kul't. 24 no. 1, 7-13 '61.

Restorative processes in muscular activity. B. S. Gippenreiter. Teor. i prak. fiz. kul't. 24 no. 5, 335-342 '61.

Results of carrying out obligations to train masters of sports from 1957 to 1960. N. A. Makarisev. Teor. i prak. fiz. kul't. 24 no. 1, 70-72 '61.

Results of research work by institutes of physical culture during 1960. Teor. i prak. fiz. kul't. 24 no. 4, 305-317 '61.

Sequence of training exercises for heavy athletics in youth groups. A. I. Falaleev. Teor. i prak. fiz. kul't. 24 no. 4, 271-273 '61.

Shop organization is the basis of the mass physical-culture movement. I. I. Mironenko. Teor. i prak. fiz. kul't. 24 no. 2, 95-98 '61.

Special exercises in the training of ski jumpers. E. A. Grozin. Teor. i prak. fiz. kul't. 24 no. 2, 99-103 '61.

The struggle for quality in instruction and training work is one of the important tasks before the physical-culture organizations. Teor. i prak. fiz. kul't. 24 no. 2, 81-85 '61.

"Studies in physical education" by V. V. Belinovich. Teor. i prak. fiz. kul't. 24 no. 2, 153-155 '61.

Thirty years of work by the "Ready for Labor and the Defense of the U. S. S. R." Organization. E. I. Valuev. Teor. i prak. fiz. kul't. 24 no. 4, 245-249 '61.

The training of young rowers during the preparatory period. V. F. Dorofeev. Teor. i prak. fiz. kul't. 24 no. 2, 103-106 '61.

Training students in pedagogical institutes to teach physical culture in elementary schools. G. A. Kulasimkov. Teor. i prak. fiz. kul't. 24 no. 3, 169-172 '61.

Use of material on the history of the development of physical culture and sports in the course "The history of the CPSU." V. M. Savol'ev. Teor. i prak. fiz. kul't. 24 no. 5, 373-377 '61.

Using statistics in sports. A. G. Zhdanova. Teor. i prak. fiz. kul't. 24 no. 1, 64-67 '61.

Vector dynamography is a new method of studying movements. I. P. Patov, M. L. Mirskii. Teor. i prak. fiz. kul't. 24 no. 2, 147-150 '61.

Work of physical-culture groups in connection with the decree of the January Plenum of the Central Committee of the CPSU. Teor. i prak. fiz. kul't. 24 no. 4, 296-300 '61.

Work of the volunteer sports society "Spartak" under the new conditions. P. A. Sobolev. Teor. i prak. fiz. kul't. 24 no. 3, 165-169 '61.

Year's results. V. E. Ryzhkova. Teor. i prak. fiz. kul't. 24 no. 3, 235-237 '61.

Zhukova, N. Kh., and others. [The "Ready for Labor and Defense" Organization in the physical culture groups] GTO v kollektive fizicheskoi kul'tury. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1961. 227 p.

PHYSICAL EDUCATION AND TRAINING—BIBLIOGRAPHY see Bibliography—Physical education and training

PHYSICAL EDUCATION AND TRAINING—CONGRESSES

Scientific and practical conference of the Moscow City Medical and Physical-Culture No. 2 Dispensary. IA. A. Mel'nikov, V. A. Geselevich. Teor. i prak. fiz. kul't. 24 no. 3, 237-239 '61.

PHYSICAL EDUCATION AND TRAINING—SOCIETIES, ETC.

Voluntary physical-culture societies of trade unions are 25 years old. Teor. i prak. fiz. kul't. 24 no. 5, 321-325 '61.

PHYSICAL EDUCATION FOR CHILDREN
(see also subdivision under Czechoslovakia)

Development of movements under natural conditions. E. N. Vavilova. Doshk. vosp. 34 no. 5, 41-45 My '61.

Physical education of students. M. Stankin. Nar. obr. no. 5, 82-84 My '61.

PHYSICAL EDUCATION FOR CHILDREN—BIBLIOGRAPHY see Bibliography—Physical education for children

PHYSICAL GEOGRAPHY
(see also subdivision under Kaluga Province, Kashka-Darya Province, Kasimov District; Scandinavia, Siberia, Taymyr Peninsula, Varzob Valley)

Fradkin, N. G. [History of research on the physical geography of the U. S. S. R., 1917-1927] Ocherki po istorii fiziko-geograficheskikh issledovanii territorii SSSR, 1917-1927 gg. Moskva, Izd-vo Akad. nauk SSSR, 1961. 245 p.

Gvozdetskii, N. A., and T. V. Zvonkova. [Physical geography and its relation to the national economy] Fizicheskaia geografiia i ee sviaz' s narodnym khoziaistvom. Moskva, Izd-vo "Znanie," 1961. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 12, Geologiia i geografiia, no. 8)

[MICROFILM]

Natural regionalization of the U. S. S. R. G. D. Rikhter. Izv. AN SSSR Ser. geog. no. 3, 3-13 My-Je '61.

PHYSICAL GEOGRAPHY—AUDIO-VISUAL AIDS

"Tables on the U. S. S. R. geography", visual aid for the eight year and secondary schools by G. N. IAkovlev. Reviewed by P. M. Metreveli, G. A. Narozhnyi. Geog. v shkole 24 no. 3, 87-88 My-Je '61.

PHYSICAL GEOGRAPHY—STUDY AND TEACHING
(see also subdivision under Moscow Province)

From practice in teaching students to prepare physico-geographical descriptions. S. V. Zolotsev. Geog. v shkole 24 no. 3, 58-61 My-Je '61.

Letters to the editor. M. V. Pasynok, V. A. Frish, M. Kupin. Geog. v shkole 24 no. 3, 65-68 My-Je '61.

Methodology of teaching "Natural zones" in the fifth grade course. M. N. Solodova. Geog. v shkole 24 no. 3, 17-20 My-Je '61.

PHYSICAL METALLURGY—BIBLIOGRAPHY see Bibliography—Physical metallurgy

PHYSICAL THERAPY
(see also subdivision under Germany, East)

Physical therapy in fractures of dental roots. T. Safarov. Stomatologiia 40 no. 2, 90-91 Mr-Ap '61.

Physical therapy in the stomatological polyclinic. A. G. Shargorodskii, E. A. Maksimova. Stomatologiia 40 no. 2, 19-21 Mr-Ap '61.

Reporting session of the Research Institute on Health Resort Therapy and Physical Therapy of the Ministry of Public Health of the R. S. F. S. R. A. N. Pertsov, A. A. Bogoslovskii. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 1, 91-94 '61.

PHYSICAL THERAPY—PERIODICALS

Section on "Health resort therapy, physical therapy, and exercise therapy" in the Medical Abstracts Journal for 1959 and 1960. N. A. Vinogradov. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 1, 89-91 '61.

PHYSICIANS
(see also subdivision under Iraq; Soviet Far East)

Decree of the Minister of Public Health of the U. S. S. R. No. 324, dated July 23, 1960 "Certification of Specialists in Medicine." Sov. zdrav. 20 no. 1, 92-93 '61.

Do physicians of the disability evaluation commission require certification. L. Feigin. Sots. obesp. 22 no. 5, 29 My '61.

PHYSICIANS, HUNGARIAN

Activities of Hungarian physicians in Russia during the second half of 18th century. K. K. Sil'vai. Sov. zdrav. 20 no. 2, 77-83 '61.

PHYSICISTS—CORRESPONDENCE, REMINISCENCES, ETC.

Memoirs of an elder Soviet physicist ("Meeting with physicists, my recollections of foreign physicists" by A. F. Ioffe. Reviewed by A. Cherniak). Novyi mir 37 no. 5, 271-273 My '61.

Verboy, S. [At a doctor's post in the zemstvo; from my recollections] Na vrachebnom postu v zemstve; iz vospominanii. Parizh, 1961. 330 p.

PHYSICS

Encounter with the invisible. B. Smagin. V mire knig 1 no. 3, 11 Mr '61.

In the stream of Lenin's ideas. G. B. Zhdanov. Nauka i zhizn' 27 no. 4, 17-21 Ap '60.

Moscow. Universitet. [History and methodology of the natural sciences] Istoriia i metodologiia estestvennykh nauk. [Moskva].

No. 1. [Physics] Fizika. 1960. 221 p.

PHYSICS—ABSTRACTS

[Physics.] Ref. zhur ' Fiz no. 6 Je '61.

PHYSICS—BIBLIOGRAPHY see Bibliography—Physics

PHYSICS—CONGRESSES

Works of the physics section of the All-Ukrainian Teachers' Congress. S. Goncharenko, Z. Sychevskaia. Fiz. v shkole 20 no. 2:108-110 Mr-Ap '60.

PHYSICS—STUDY AND TEACHING

Enokhovich, A. S. [Teaching physics in the eight-year school] O prepodavanii fiziki v vos'miletnei shkole. Pod red. L. I. Reznikova. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 190 p.

Experience obtained from work in physics in an eleven-year school with professional training. L. M. Davydova. Fiz. v shkole 20 no. 2:81-88 Mr-Ap '60.

Method of studying the Joule law. I. N. IAkovlev. Fiz. v shkole 20 no. 2:49-52 Mr-Ap '60.

Organizing independent work of students in physics lessons. A. V. Usova, M. N. Pushev, S. A. Vorob'ev. Fiz. v shkole 20 no. 2:25-30 Mr-Ap '60.

Physics program for an eight-year school and for secondary schools. Fiz. v shkole 20 no. 2:51-56 Mr-Ap '60.

Raise the level of the communistic education of students. Fiz. v shkole 20 no. 2:1-4 Mr-Ap '60.

Repetition in the process of studying new academic material. A. F. Tenyshev. Sov. pedag. 25 no. 5:50-57 My '61.

Review lessons in the 10th grade. G. K. Karpinskii. Fiz. v shkole 20 no. 2:46-48 Mr-Ap '60.

Several experiments for a physics evening. V. I. Kondratenko. Fiz. v shkole 20 no. 2:92-94 Mr-Ap '60.

Studying physics in the 6th grade according to the new program with a new textbook. A. V. Peryshkin, T. I. Noseva. Fiz. v shkole 20 no. 2:19-24 Mr-Ap '60.

Suggestions of the readers. Fiz. v shkole 20 no. 2:95-96 Mr-Ap '60.

Teaching physics in the sixth grade. A. Kachynski. Nar. asv. no. 1:41-44 Ja '61.

Useful hints. V. M. Mazeev, A. N. Karachev, L. S. Sokolov. Fiz. v shkole 20 no. 2:78 Mr-Ap '60.

Useful seminar. Fiz. v shkole 20 no. 2:110-111 Mr-Ap '60.

Using training in school workshops for teaching physics. P. I. Medvetskii. Fiz. v shkole 20 no. 2:79-81 Mr-Ap '60.

PHYSIOLOGICAL APPARATUS

Apparatus for the automatic determination of the stimulation threshold. A. B. Kogan. Fiziol. zhur. 46 no. 2:251-254 F '60.

Cannula and clamp for lymph and blood vessels. V. S. Kupriianov. Fiziol. zhur. 47 no. 3:403-401 Mr '61.

Electron photostimulator. N. I. Zil'berman. Fiziol. zhur. 46 no. 2:247-250 F '60.

Improvement in the radiomethod for the measurement of reflexes [with summary in English]. O. IA. Bokser, M. I. Klevtsov. Biul. eksp. biol. i med. 51 no. 2:111-113 F '61.

Method for recording respiration in man during physical work performed in an isolation suit. B. A. Alpat'ev, I. N. Kondrat'eva, G. B. Minueva. Gig. i san. 25 no. 3:70-72 Mr '60.

New head holder for cats. R. A. Dutinian, A. I. Bartyzel'. Biul. eksp. biol. i med. 49 no. 2:121-122 F '60.

Olfactometer based on the principle of ejection. A. V. Luzina, K. A. Luzin. Vest. otorin. 22 no. 1:79-81 Ja-F '60.

"Phonotremometer." is a product of radio engineering. IU. Verkhale. IUn. tekh. 5 no. 1:6-8 Ja '61.

Portable apparatus for carrying out physiological investigations. A. A. Pain, S. A. Petsakh. Trudy Inst. kraev. pat. AN Kazakh. SSR 8:240-249 '60.

Portable device for measuring reflex and motor activity by means of remote control. B. A. Ashmarin, L. D. Kudriavtsev. Teor. i prak. fiz. kul't. 24 no. 4:291-295 '61.

PHYSIOLOGICAL OXIDATION see Oxidation, Physiological

PHYSIOLOGICAL RESEARCH

Tomorrow of the science of physiology. V. M. Chernigova'kyi. Nauka i zhyttia 11 no. 4:44-47 Ap '61.

PHYSIOLOGICAL SOCIETIES
(see also subdivision under Kiev)

Resolution of the Ninth Congress of the Pavlov All-Union Physiological Society. Fiziol. zhur. 46 no. 2:261-264 F '60.

PHYSIOLOGY

Academician A. A. Bogomolets's selected works in three volumes. Fiziol. zhur. [Ukr.] 7 no. 3:436-437 My-Je '61.

"Physiological methods in clinical practice." Reviewed by E. K. Zhukov. Fiziol. zhur. 46 no. 2:254-256 F '60.

"Problems in morphology and physiology," no. 4 of the "Trudy" of the Institute of Experimental Medicine of the Latvian Academy of Sciences. Reviewed by IU. V. Bukin. Arkh. anat. gist. i embr. 39 no. 7:110-111 Jl '60.

PHYSIOLOGY—CONGRESSES

Impressions of the 21st International Congress on the Physiological Sciences. S. N. Khechinashvili. Vest. otorin. 22 no. 1:121-124 Ja-F '60.

PHYSIOLOGY, PATHOLOGICAL

Mechanisms of the body's adaptation and resistance at different ages. I. A. Arshavskii. Vest. AMN SSSR 14 no. 4:18-29 '59.

Pathogenesis of the diseases of internal organs in patients with brain lesions. N. D. Dynaburg. Fiziol. zhur. [Ukr.] 7 no. 3:362-368 My-Je '61.

Vsesoiuznaia konferentsiia patofiziologov, 2d, Kiev, 1956. [Transactions of the Second All-Union Conference of Pathophysiologists; problems of compensation, experimental therapy, and radiation sickness] Problemy kompensatsii eksperimental'noi terapii i lucheniia bolezni, trudy... Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 462 p.
(DNLM)

PHYSIOLOGY, PATHOLOGICAL—STUDY AND TEACHING

On S. M. Pavlenko's article "Shortcomings in the curriculum of medical schools and a reorganization of instruction in pathophysiology in the light of the law 'On strengthening the bond between school and society.'" B. V. Polushkin. Pat. fiziol. i eksp. terap. 4 no. 1:91-Jl-Ag '60.

Organization of independent practical activities for students in the field of pathological physiology. A. I. Aivazian, M. V. Konstantinov. Pat. fiziol. i eksp. terap. 4 no. 4:89-90 Jl-Ag '60.

Reorganization of the teaching of pathological physiology. N. P. Kiut'ko. Pat. fiziol. i eksp. terap. 4 no. 4:90-91 Jl-Ag '60.

PHYSIOSTIGMINE

Some data on the effect of eserine on the cerebral cortex of white rats. Report No. 1. Effect of eserine on conditioned reflex activity [with summary in English]. E. N. Popova. Biul. eksp. biol. i med. 51 no. 2:72-78 F '61.

PHYTOGEOGRAPHY
(see also subdivision under Azerbaijan)

Conference on problems of vegetation mapping. A. G. Voronov, L. N. Sobolev. Izv. AN SSSR, Ser. geog. no. 3:146-148 My-Je '61.

PHYTONCIDES

Effect of phytoncides of garlic, onion and birdcherry on the deparabiotizing activity of nervous centers. M. B. Razumovich, V. N. Margolin. Nauch. dokl. vys. shkoly, biol. nauki no. 2:107-115 '61.

Investigation of antimicrobial substances of vegetable origin ("Antimicrobial substances of higher plants" by V. H. Drobot'ko and others. Reviewed by S. S. Diachenko). Mikrobiol. zhur. 23 no. 1:81-84 '61.

Nature of some components of volatile plant secretions [with summary in English]. S. S. Skvortsov. Fiziol. rast. 7 no. 2:181-184 '60.

PHYTOPLANKTON

Some data on the competitive relationship between phytoplankton and saprophytic micro-organisms in a contaminated body of water. K. A. Kokin. Nauch. dokl. vys. shkoly, biol. nauki no. 2:132-111 '61.

PIA MATER—INNERVATION

Problem of the innervation of the pia mater [with summary in English]. G. A. Konstantinovskii. Arkh. anat. gist. i embr. 39 no. 11:97-101 N '60.

PIANO MAKERS see subdivision under Chernigov

PIART, A.

In regard to a certain concert. IU. Korev. Sov. muz. 25 no. 5:131-132 My '61.

PIERS

Effect of using piers according to time sheets on idle periods of loading and unloading ships. V. Padnia. Rech. transp. 19 no. 3,10-14 Mr '60.

Load determination and estimation of the stability of facing slabs of a slope during the action of ice frozen to them. G. I. Zhelankin. Trudy TSNIIEVT no. 19:112-120 '60.

Pressure of a standing wave against a vertical wall erected on a high prism. M. E. Plakida. Trudy TSNIIEVT no. 19:51-61 '60.

Spilling of water over the coast of a sloping protective structure during the run-up of waves. M. E. Plakida. Trudy TSNIIEVT no. 19:62-69 '60.

Stability of protecting blocks at the base of vertical structures. G. G. Metelitsyna. Trudy TSNIIEVT no. 19:18-36 '60.

Stresses transmitted to pier structures at the approach of a vessel. V. IA. Korchagina. Trudy TSNIIMF 7 no. 32:34-40 '61.

Studying the pressure of a standing wave against a vertical wall. G. G. Metelitsyna. Trudy TSNIIEVT no. 19:37-50 '60.

Wave pressure against steep walls. M. E. Plakida, G. G. Metelitsyna. Trudy TSNIIEVT no. 19:5-17 '60.

PILING (CIVIL ENGINEERING)

Determination of the bearing capacity of piles. A. A. Dolinskii. Trudy TSNIIMF 7 no. 32:26-33 '61.

Study of the deformation of a foundation compacted by sand piles. IU. M. Abelev. Osn., fund. i mekh. grun. 3 no. 2:2-5 '61.

PILOTS AND PILOTAGE see subdivision under Kiel Canal; Panama Canal, Suez Canal

PIMENOV, IURII IVANOVICH, 1903-

The truth of an art. M. Pozharskaia. Teatr. 22 no. 5:152-153 My '61.

PINE
(see also subdivision under Aldan Valley; Archangel Province, Kazakhstan; Latvia; Leningrad Province)

Breeding resiniferous forms of Scotch pine. E. P. Prokazin. [Trudy] VNIILM no. 38:125-186 '59.

Classification of lichen and mountain-cranberry pine forests [with summary in English]. V. I. Vasilevich. Vest. LGU 16 no. 9:5-15 '61.

Dynamics of girth increment in Scotch pine and Siberian larch. N. I. Fedorov. Izv. vys. ucheb. zav., les. zhur. 3 no. 1:38-42 '60.

Early and late grafting of pine under field conditions. E. P. Prokazin. Les. khoz. 14 no. 6:63 Je '61.

Effect of pure cultures of mycorhiza fungi on the development of pine and oak seedlings [with summary in English]. N. M. Shemakhanova. Izv. AN SSSR, Ser. biol. no. 3:362-376 My-Je '61.

Effect of the improvement felling on the growth of pine plantation by plots. N. T. Smirnov. Izv. vys. ucheb. zav., les. zhur. 3 no. 1:13-18 '60.

Effect of trace elements on seed germination, growth, and vitality of Pinus eldarika sprouts [in Azerbaijani with summary in Russian]. S. G. Gusainov. Izv. AN Azerb. SSR, Ser. biol. i med. nauk no. 1:111-118 '60.

Effect of ultrasonic waves on the germination of pine and larch seeds. N. T. Kochkar'. Les. khoz. 14 no. 6:38-39 Je '61.

Fruiting and seed quality of Scotch pine in various forest types. IU. N. Aznilov. Shor. nauch. rab. Bel. otd. VBO no. 1:78-86 '59.

Grafting pine and oak with the help of rubber nipples. V. V. Ievlev. Les. khoz. 14 no. 6:65 Je '61.

Regeneration of concentrated felling areas in the pine forests of the Udmurt A. S. S. R. N. V. Napalkov. Izv. vys. ucheb. zav., les. zhur. 3 no. 1:54-61 '60.

Significance of high seeding rates of coniferous species with reference to the influence of herbaceous plants. V. P. Bel'kov. Bot. zhur. 45 no. 4,608-612 Ap '60.

Structure and properties of the wood of the Siberian larch and scotch pine. N. I. Fedorov. Shor. nauch. rab. Bel. otd. VBO no. 1:154-157 '59.

Tapping of ripening pine trees. B. I. Gavrilov. Gidrolliz. i lesokhim. prom. 14 no. 4:14-16 '61.

PINE—DISEASE AND PEST RESISTANCE

Effect of essential oils on the resistance of pine plantations to "primary" pests. H. I. Hrymal's'kyi. Visnyk sil'hosp. nauky 4 no. 4:113-115 Ap '61.

PINE—DISEASES AND PESTS

Pine needle blight in plantations. S. V. Shevchenko. Les. khoz. 14 no. 6:46-47 Je '61.

PINSK—ORPHANS AND ORPHANAGES

Inculcating work habits in older kindergarten children. E. Pishchal'nikava. Nar. asv. no. 3:32-35 Mr '61.

PINSK—SECTS

Did they follow the rule "love thy neighbor?" A. Halushka. Rab. i sial. 36 no. 4:17-18 Ap '60.

PINSK—SOCIALIST COMPETITION

Victors' balls. I. Sokol'skii. Komsom. zhizn' no. 15/16:62 ' g '60.

PIONEERS (COMMUNIST YOUTH)
(see also subdivision under Kostroma Province; Leningrad; Lyakhovichi District; Moscow Province; Odessa; Ukraine)

Call of the Pioneers' two-year plan. L. Korneshov. IUn. tekh. 5 no. 1:2-4 Ja '61.

Conference on the problem "Schools and the Pioneer organization." N. Fomenko. Sov. pedag. 25 no. 5:155-159 My '61.

Festivals of Junior Pioneers. Det. dom. 16 no. 4:55-58 '60.

The 40th anniversary of the All-Union Pioneer Organization. A. IA. Stroev. Prep. ist. v shkole 16 no. 3:22-34 My-Je '61.

Hall, summer vacation of the Pioneers! Komsom. zhizn' no. 10:22-25 My '61.

Heart of a Pioneer. V. V. Strunin. Nach. shkola 20 no. 5:67-73 My '61.

Let's study and work as Lenin did. IA. Savitskaia. Nar. asv. no. 3:48-52 Mr '61.

Notes about a methodological conference. IA. Savitskaia. Nar. asv. no. 2:17-22 F '61.

PIONEERS (COMMUNIST YOUTH) (Continued)

Panova, N. S. [For the teacher on working with Junior Pioneers] Uchitelyu o rabote s oktiabriatami. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 114 p.

Pioneers' agricultural meteorological station. I. Brudin. IUn. tekh. 5 no. 2:68-70 F '61.

Pioneers two-year plan. Prep. ist. v shkole 16 no. 3 60-67 My-Je '61.

So that children could have a good rest. N. M. Lapina. Sov. profsoiuzy 17 no. 11 38 Je '61.

The work of a Junior Pioneer group in my class. N. Antsimonik. Nar. obr. no. 2:14-20 F '61.

Young pioneers grow to be brave. V. Grandova. Pozh. delo 7 no. 5:13 My '61.

PIPE

Doubled pipes. V. Natalin. Tekh. mol. 29 no. 4:18 Ap '61.

New graphs for determining loads exerted by vehicles on underground pipes. G. K. Klein, I. K. Vavilov, A. A. Kazarin. Stroi. truboprov. 6 no. 2:10-12 F '61.

Reducing the number of drill pipes. A. G. Kononykhin. Neftianik 6 no. 5:21-26 My '61.

PIPE—HYDRODYNAMICS

Effect of a diameter of the pipe on the structure of the flow of a two-phase liquid moving through vertical pipes. E. M. Novokhatskii. Izv. vys. ucheb. zav., energ. 4 no. 4:93-97 Ap '61.

Odel'skii, E. Kh. [Hydraulic design of pipes for various purposes] Gidravlicheskii raschet truboprovodov raznogo naznacheniia. Minsk, Redaktsionno-izdatel'skii otdel BPI im. I. V. Stalina, 1961. 76 p.

PIPE—WELDING

Automatic pipe welding in a carbon dioxide medium at a pipe plant. A. I. Akulov, V. V. Spitsyn. Mont. i spets. rab. v stroi. 23 no. 4:14-17 Ap '61.

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Instructions SN 128-60 on welding piping in interior sanitary systems] Instruktsiia po proizvodstvu svarki truboprovodov vnutrennikh sanitarno-tekhnicheskikh sistem, SN 128-60. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 16 p.

PIPE, ASBESTOS-CEMENT

Effective types of butt joints of asbestos-cement pipes. A. Sakun. Sel'stroi 15 no. 3:26 Mr '61.

PIPE, CONCRETE

Useful attachment. B. I. Rybakov. Avt. dor. 24 no. 3:32 Mr '61.

PIPE, PLASTIC

Strength characteristics of circular pipes made of pertinax. V. P. Razumeev, V. D. Protasov, A. D. Antsiferov. Izv. vys. ucheb. zav.; mashinostr. no. 3:40-45 '61.

PIPE, STEEL

Change in the State Standard. Biul. stroi. tekh. 18 no. 5:22 My '61.

"Technical instructions on manufacturing and assembling industrial pipes made of carbon steel and alloy steel." Biul. stroi. tekh. 18 no. 5:6-7 My '61.

PIPE, STEEL—COOLING

Principles of heat engineering in the spray quenching of pipe. N. IU. Taits, A. S. Kadinova. Stal' 20 no. 7:653-657 Jl '60.

PIPE, STEEL—STANDARDS

Precision steel pipes. N. A. Karpinskaia. Standartizatsiia 25 no. 6:49-50 My '61.

PIPE BENDING

Mechanical athlete. N. Pashina. Tekh. mol. 29 no. 4:18 Ap '61.

PIPE CUTTING

Practice of pipe cutting by rupture with zonal induction heating. V. N. Bogdanov. Stal' 20 no. 7:634-635 Jl '60.

Raikhenshtein, I. TS. [Semiautomatic unit for cutting pipes] Poluavtomaticheskoe prisposoblenie dlia razrezki trub. Leningrad, 1960. 11 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom no. 23. Seriia: Obrabotka metallov rezaniem, no. 4)

PIPE CUTTING—EQUIPMENT AND SUPPLIES

The 2K77 pipe-cutting machine. S. M. Shnaidor. Biul. tekh.-ekon. inform. no. 4:31-32 '61.

PIPE FITTINGS

Device for stretching U-shaped expansion pieces. S. I. Penkin. Mont. i spets. rab. v stroi. 23 no. 4:28 Ap '61.

PIPE MILLS

(see also subdivision under Great Britain; Pervoural'sk)

Axial stresses in the cold rolling of pipe. I. M. Pavlov, D. I. Piriazev. Trudy Inst. met. no. 4:134-140 '60.

"Finishing and cutting of pipes" by N. B. Rosenfel'd, P. A. Nabatov. Book review. Metallurg 6 no. 5:40 My '61.

Investigating complete pressure on rolls during the cold rolling of pipe. I. M. Pavlov, D. I. Piriazev. Trudy Inst. met. no. 4:141-149 '60.

Unit pressure in the cold rolling of tubes. I. M. Pavlov, D. I. Piriazev. Trudy Inst. met. no. 4:124-134 '60.

PIPELINE TRANSPORTATION OF SOLIDS see Hydraulic conveying

PIPE LINES

Above-ground crossings with angle bends. I. P. Petrov, V. V. Spiridonov. Stroi. truboprov. 6 no. 2:6-9 F '61.

PIPE LINES—ACCOUNTING

Amortization allowances for machines. B. S. Sidorov. Stroi. truboprov. 6 no. 2:25 F '61.

PIPE LINES—CORROSION

Rubber insulation for protecting pipelines from underground corrosion (Ozek-Shat - Groznyy oil pipeline). A. A. Kozlovskaya, N. S. Volchkova. Stroi. truboprov. 6 no. 2:14-15 F '61.

PIPE LINES—WELDING

Fal'kevich, A. S. [New developments in gas pipeline welding] Novoe v svarke gazoprovodov. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 34 p. (V pomoshch' rabotnikam gazovoi promyshlennosti)

PIPERAZINE

Furan series. Part 16. N-(β-oxyethyl)furfurylamines in the synthesis of piperazines and ethylenediamines containing a furan ring. K. IU. Novitskii and others. Zhur. ob. khim. 31 no. 5:1416-1448 My '61.

PIPERIDINE

Effect of the character of the silyl group on the rate of dehydrochlorination of some β- and γ-chloroalkylchlorosilanes by piperidine. V. F. Mironov, V. V. Nepomnina. Izv. AN SSSR Otd. khim. nauk no. 5:920-921 My '61.

Intravenous use of promedol in the surgical clinic. IU. V. Surin. Trudy 1-go MMI 3:143-147 '57.

PIPERIDINOL

Heterocyclic compounds. Phenoxyacetic and benzoic esters of the α-forms of 1-crotyl- and 1-(γ-chlorocrotyl)-2, 5-dimethyl-4-piperidinol. A. Sh. Sharifkanov, P. S. Pivanov. Izv. AN Kazakh. SSR, Ser. khim. no. 2:105-106 '60.

Stereochemistry of heterocyclic compounds. Report No. 5. Possible configuration of 1, 2, 5-trimethyl-4-ethynyl-4-piperidinol stereoisomers and their transformation products. N. I. Shvetsov and others. Izv. AN SSSR Otd. khim. nauk no. 5:813-819 My '61.

PIPERIDONE

New method of synthesizing N-alkyl-4-piperidones. E. A. Mistriukov, N. I. Aronova, V. F. Kucherov. Izv. AN SSSR, Otd. khim. nauk no. 5:932-933 My '61.

PISÉ see subdivision under White Russia

PISTON PUMPS see Reciprocating pumps

PISTONS

Choking of plunger pairs after a drop in the supplied pressure. G. A. Nikitin. Vest. mash. 41 no. 5:32-33 My '61.

Laws of the motion of pistons in spherical mechanisms with a uniform motion of the swash-plate. V. N. IArovoi. Izv. vys. ucheb. zav.; av. tekh. 3 no. 2:144-156 '60.

Motion of a piston in an ideal gas. N. N. Kochina, N. S. Mel'nikova. Prikl. mat. i mekh. 24 no. 2:213-218 Mr-Ap '60.

Shock wave activated by a slightly curved piston. R. M. Zaidel'. Prikl. mat. i mekh. 24 no. 2:219-227 Mr-Ap '60.

PITUITARY BODY

Case of functional disorder of the hypothalamus-hypophysical region. V. M. Lotman. Probl. endok. i gorm. 7 no. 2:101-103 Mr-Ap '61.

Development and structure of the medial eminence of the neurohypophysis in amphibians. A. A. Voitkevich. Dokl. AN SSSR 136 no. 2:481-484 My '61.

Hypothalamic regulation of the pars intermedia of the pituitary body. A. A. Voitkevich. Dokl. AN SSSR 136 no. 3:710-713 My '61.

Modern concepts on the functional morphology of the hypophysis, adrenal, and thyroid glands. E. I. Tarakanov. Arkh. anat. gist. i embr. 39 no. 11:102-115 N '60.

Significance of the hypothalamus in the regulation of the anterior pituitary lobe. B. V. Aleshin. Usp. sovr. biol. 49 no. 1:115-135 Ja-F '60.

PITUITARY BODY—BLOOD SUPPLY

Solution of controversial problems in the functional anatomy of blood circulation in the hypophysis [with summary in English]. D. A. Zhdanov, I. G. Akmaev, M. R. Sapin. Arkh. anat. gist. i embr. 40 no. 4:35-49 Ap '61.

PITUITARY BODY—CANCER

Cancer of the hypophysis and acromegaly. E. N. Loginov. Probl. endok. i gorm. 7 no. 2:99-101 Mr-Ap '61.

PITUITARY BODY—INNERVATION

Role of the cervical part of the sympathetic nervous system in the regulation of lactation in goats [with summary in English]. G. B. Tveritskoi. Izv. AN SSSR, Ser. biol. no. 3:141-151 My-Je '61.

PITUITARY BODY—TUMORS

Review of N. A. Popov's book, "Tumors of the hypophysis and the hypophyseal region." I. IA. Razdol'skii. Vop. psikh. i nevr. no. 5:302-304 '59.

PITUITARY EXTRACT

Antiallergic activity of pituitary extracts and hormones [with summary in English]. D. E. Alpern. Pat. fiziol. i eksper. terap. 4 no. 2:13-16 Mr-Ap '60.

Effect of pituitrin on the activity of the gastric glands [with summary in English]. A. S. IAmpol'skii. Biul. eksp. biol. i med. 49 no. 2:32-36 F '60.

PITUITARY HORMONES

Correlation between the concentration of thyrotropic hormone in the hypophysis and in the peripheral blood [with summary in English]. R. D. Vlazovskaia, V. V. Mamina. Biul. eksp. biol. i med. 49 no. 2:36-40 F '60.

Effect of pituitrin, mammophysin, and adrenaline on the uterine circulation [with summary in English]. I. I. Benediktov. Farm. i toksik. 24 no. 1:94-99 Ja-F '61.

Physiological mechanism of the regulation of oocyte maturation and ovulation in the pond loach (Misgurnus fossilis (L.)). IA. D. Lifshchits. Vop. ikht. 1 no. 1:166-193 '61.

Role of vascular spasm in disorders of the anticoagulation system of the blood [with summary in English]. E. I. Chazov. Biul. eksp. biol. i med. 49 no. 3:21-26 Mr '60.

PLACENTA

Significance of morphological study of the placenta for the determination of some characters in newborn farm animals [with summary in English]. K. M. Kurnosov. Zhur. ob. biol. 22 no. 2:108-112 Mr-Ap '61.

PLACENTA—DISEASES

Experimental inflammation of hemochorial placentae [with summary in English]. T. B. IAtsenko. Biul. eksp. biol. i med. 50 no. 7:103-107 Jl '60.

Pathomorphological changes in the placenta in premature labor and their diagnostic significance. A. I. Izamshaeva. Med. zhur. Uzb. no. 11:48-50 N '60.

PLAGUE

(see also subdivision under India; Rumania)

Characteristics of the geographical distribution of colonies of the greater gerbil and elementary plague foci in the Aral Kara-Kum [with summary in English]. E. V. Rol'shil'd. Zool. zhur. 40 no. 5:749-762 '61.

Therapeutic effect of oxytetracycline, tetracycline, and their combinations with other antibiotics in experimental plague [with summary in English]. L. N. Makarovskaia, I. S. Tinker, E. N. Aleshina. Antibiotiki 5 no. 2:63-67 Mr-Ap '60.

PLANE TREE see subdivision under Crimea

PLANEL'ES, KHUAN KHUANOVICH, 1900-

Khuan Khuanovich Planel'es; on his 60th birthday. Antibiotiki 5 no. 2:123-125 Mr-Ap '60.

PLANETARIA see subdivision under Leningrad

PLANETS—SPECTRA

Spectra of the planets. V. G. Teifel'. Priroda 50 no. 6:39-45 Je '61.

PLANETS, LIFE ON see Plurality of worlds

PLANING MACHINES

Devices for a rapid setting of knives in the cutter rollers. V. F. Altukhov. Der. prom. 10 no. 5:23-24 My '61.

Four-knive cutter head. R. I. Slonimskii. Der. prom. 10 no. 5:24-25 My '61.

Slanting position of knife rollers in planers; response to G. A. Komarov's article. V. I. Mikulinskii. Der. prom. 10 no. 3:16 Mr '61.

PLANING MACHINES—VIBRATION

Preventing vibrations of a transverse planing machine. V. A. Kudinov, IU. Z. Seliukov. Stan. i instr. 31 no. 5:7-10 My '60.

PLANT BREEDING

Minsk. Universitet. [Darwinism and genetics] Darvinizm i genetika. Minsk.
Vol. 2. 1959. 220 p.

PLANT CELLS AND TISSUES

Aerenchyma in Zizania aquatica L. IU. G. Kaverzneva. Bot. zhur. 45 no. 4:572-577 Ap '60.

Cytochemical study of the ratio between ribonucleic acid and proteins in the protoplasm of growing root cells [with summary in English]. V. B. Ivanov. Zhur. ob. biol. 22 no. 2:100-107 Mr-Ap '61.

ISSUES (Continued)

osmosis of water from the living
K. A P Petrov Dokl AN SSSR 136
'61

plastids of certain corn hybrids and
Summary in English] H I Lozova
no 2 27-36 '61

the generative organs of orchids
Anol'di Biul Glav bot sada

[Phytohormones, composition, and structure
Plastidy rastenii, ikh svoistva, sostav
Izd-vo Akad. nauk BSSR, 1961.

S

other
and their
from higher plants on phytopatho-
growth of plants K. I Sukhorukov,
Glav bot sada no 39 19-47 '60
and variability of plants resulting
deficiency of macro- and micro-
different biogeochemical provinces. M. IA.
Biogeokhim. lab. no. 11 33-42 '60.
species in the control of plant
O. Segelev. Nauk. pratsi Ukr. naukovo-
zem. 1,218-223 '59.

division under Azerbaijan)
acquired production rhythmicity in
Lexus Buckt (Aphidae) [with summary
E S. Smirnov Zhur ob. biol 22 no 3
'61

OGY
division under China)
N. I.
[Regeneration and age changes in
Izd-vo Akad. nauk SSSR, Glav.
1961. 229 p.
biological publications. N. F. Neiman,
no. 3:475-476 My-Je '61.
by D. F. Protsenko. Reviewed by G. V.
Biol. rast. 7 no. 2:245-246 '60.

TORS see Growth promoting substances

ICULTURAL MACHINERY)
with the aid of radio N. A Morgu-
no. 5:22-23 My '61
the SKGN-6 planter. A. Klichenko.
20 no. 4:47-48 Ap '60.
casing wire. A. Karmasovich. Sel'.
'61.
to SKGK-6B planters. N. G. Eremenko.
Mashin. 31 no. 5:33-34 My '61.
planter. M. Krechetov. Nauka i zhizn'
Ap '61.
for tree seedlings. A. A. Koreshkov.
Mashin. 31 no. 5:32 My '61
machines. F. I. Stebliankо, A. A. Chernik,
Trakt. i sel'khozmash. 31 no. 5:30-31

ICULTURAL MACHINERY)—HYDRAULIC

rol of the SKGK-6V planter. N. Shamanov.
Voz. 20 no. 4:49-50 Ap '60.

ng time on the yield and seed quality of
e western forest-steppe. O IU Romaniuk
sp nauky 4 no 4 51-53 Ap '61.

f planting affects the biological features
h summary in English]. A. A. Kazakova,
Trudy po prikl. bot., gen. i sel. 32
lev.
'59.
late fall and early spring sowing in the
biennial vegetables and forage root crops
English]. P. P. Gusev. Trudy po
ry in
n. i sel. 32 no. 3, 139-145 '59.

RPTION OF WATER
absorption of water by different parts
ne in the corn plant [with summary in
stem
A Volynkin. Fiziol. rast. 8 no 3:294-

ILATION
C14 by basic groups of substances in
ferent levels in the ontogenesis of the soy-
th summary in English]. I. F. Belikov,
8 no. 3:265-269 '61.
some volatile organic substances ab-
of from the atmosphere. N G. Doman,
A. Terent'eva. Dokl. AN SSSR 136
Z.
'61.
MY ANALYSIS
ICAL under Latvia; Polesye)
lvision
amount of dry matter, sugars, pigments,
and
fed carrot plants. I. N. Sagaidak,
in
no. 1:237-240 Ja '61
136

Separation of plant proteins and carbohydrates by paper electrophoresis at ordinary and high voltages. L. I. Rastorgueva. Izv. Sib. otd. AN SSSR no. 3 98-105 '61.

PLANTS—DISEASE AND PEST RESISTANCE

Nature of the immunity of cotton and other plants to the damage by spider mites. M. I. Kosobutskii. Trudy UzGU no. 87 95-102 '59.

"Respiration and its role in plant immunity" by B. A. Rubin. Reviewed by V. E. Pentovich. Fiziol. rast. 8 no. 3 378-379 '61.

PLANTS—EVOLUTION

Biochemical evolution of angiosperms [with summary in English]. A. V. Blagoveshchenskii. Bot. zhur. 45 no. 2 189-191 Ap '60.

PLANTS—FROST RESISTANCE

(see also subdivision under Kuban, Voronezh Province)

Comparative evaluation of tomato varieties on the basis of their cold resistance [with summary in English]. M. V. Syskova. Trudy po prikl. bot., gen. i sel. 32 no. 3:181-192 '59.

Give winter-hardy wheat varieties to southern districts. P. E. Sudnov. Vest. sel'khoz. nauki 6 no. 5 150-151 My '61.

Growth and frost resistance of oak (Quercus robur L.) treated with gibberellin. F. I. Shchepot'ev, A. IA. Tolstoplet, N. K. Navalikhina. Dokl. AN SSSR 138 no. 4, 966-969 Je '61.

Relation between the depth of the root system and winter hardiness of winter wheat [with summary in English]. M. P. Malienko. Fiziol. rast. 7 no. 2:185-190 '60.

Unproductive respiration of leaves and the resistance of thermophylic plants to the cooling of the root system [with summary in English]. S. V. Kushnirenko. Fiziol. rast. 8 no. 3 345-354 '61.

Winter hardiness of the grapevine in Uzbekistan. I. N. Kondo. Izv. AN Uz. SSR no. 12 51-54 '56.

PLANTS—MAGNETIC PROPERTIES

The phenomenon of magnetotropism in plants and its nature [with summary in English]. A. V. Krylov, G. A. Tarakanova. Fiziol. rast. 7 no. 2:191-197 '60.

PLANTS—METABOLISM

Effect of spray application upon the oxidation-reduction, nitrogen metabolism, and yield of fruit trees. I. M. Pankratova. Nauch. dokl. vys. shkoly, biol. nauki no. 2, 162-168 '61.

Enzymatic oxidation of phloroglucinol in plants [with summary in English]. V. R. Popov. Biokhimiia 25 no. 2 273-275 Mr-Ap '60.

Isolation of ribonucleic acid from the plasma sap of plant leaves and studies on the nature of its metabolism [with summary in English]. Zh. A. Medvedev and others. Biokhimiia 25 no. 6 1001-1011 N-D '60.

Some features of the metabolism of winter grains during the hardening and wintering period. O. F. Aksenova. Uch. zap. LGU no. 36 219-228 '60.

PLANTS—NUTRITION

"Exchange absorption in the soil and the assimilation of nutritive substances by plants" by A. V. Peterburgskii. Reviewed by S. N. Aleshin. Nauch. dokl. vys. shkoly, biol. nauki no. 2, 239-240 '61.

Moisture conditions and the development of cotton under various concentrations of the nutrient solution [with summaries in English, German, and French]. S. N. Ryzhov, M. I. Agapova. Vest. sel'khoz. nauki 6 no. 5: 22-28 My '61.

PLANTS—RESPIRATION

Effect of the length of the day on the activity of glycolysis and the tricarboxylic acid cycle [with summary in English]. N. P. Aksenova. Fiziol. rast. 8 no. 3 338-344 '61.

"Respiration and its role in plant immunity" by B. A. Rubin. Reviewed by V. E. Pentovich. Fiziol. rast. 8 no. 3, 378-379 '61.

Respiration intensity in sunflower seeds as a function of oil content. A. I. Starodubtseva, E. A. Vetkina, V. L. Kretovich. Biokhim. zerna no. 5 256-262 '60.

Unproductive respiration of leaves and the resistance of thermophylic plants to the cooling of the root system [with summary in English]. S. V. Kushnirenko. Fiziol. rast. 8 no. 3:345-354 '61.

PLANTS—TRANSPIRATION

Comparative study of the intensiveness of transpiration in the Tien Shan alfalfa during acclimatization. L. V. Dmitrieva. Biul. Glav. bot. sada no. 38, 63-68 '60.

Effect of auxins on the transpiration and dry matter content of girdled branches. G. M. Mineeva. Biul. Glav. bot. sada no. 38, 88-90 '60.

Effect of wilting on carbohydrate transformation [with summary in English]. N. V. Subbotina. Fiziol. rast. 8 no. 3:279-283 '61.

Use of physiological indices in agriculture [with summary in German]. A. Arland. Fiziol. rast. 7 no. 2:160-169 '60.

Water economy of some hydrophytes [with summary in English]. N. I. Antipov. Fiziol. rast. 8 no. 3:284-293 '61.

PLANTS—WATER REQUIREMENTS

(see also subdivision under Nuia-Tau)

Water cycle of certain plants from desert foothill plains under natural conditions and under cultivation. N. S. Zaprometova. Uzb. biol. zhur. no. 2 3-7 '60.

PLANTS, EFFECT OF ACETYLENE ON

Effect of acetylene on potatoes. T. IA. Mekhanik. Sbor. nauch. rab. Bel. otd. VBO no. 1 42-51 '59.

PLANTS, EFFECT OF ACIDS ON

Effect of trace elements on the amount and acid resistance of chlorophyll in plants [in Azerbaijan with summary in Russian]. I. M. Buniatov. Uch. zap. AGU Biol. ser. no. 3 23-27 '60.

PLANTS, EFFECT OF ANTIBIOTICS ON

Antibiotic properties of species of the section Monoverticillata, genus Penicillium, isolated from the rhizosphere of agricultural plants in the Ukraine. Report No. 3 Effect of species of the section Monoverticillata, genus Penicillium, on the germination of cabbage seeds and on certain bacterial plant diseases. S. M. Kharchenko. Mikrobiol. zhur. 23 no. 1 46-50 '61.

PLANTS, EFFECT OF ARIDITY ON

Adaptation features and properties of watermelons in dry farming [with summary in English]. M. I. Malinina. Trudy po prikl. bot., gen. i sel. 32 no. 3:219-222 '59.

Developing drought resistant and salt tolerant poplars. I. A. Kazantsev. [Trudy] VNIILM no. 38 37-62 '59.

PLANTS, EFFECT OF BORON ON

Morphological changes and plant diseases in the boron biogeochemical province. A. M. Shvyrkova, N. S. Malashkina. Trudy Biogeokhim. lab. no. 11:230-245 '60.

PLANTS, EFFECT OF COPPER ON

Copper deficiency in peat soils as a cause of lodging of grain in the Polesye biogeochemical province (White Russia). M. K. Maslianaia. Trudy Biogeokhim. lab. no. 11:83-91 '60.

Effect of copper and potassium on the structure of hemp stems. I. V. Anashkin. Sbor. nauch. rab. Bel. otd. VBO no. 1:5-11 '59.

PLANTS, EFFECT OF LIGHT ON

Calculating the shade and light in tree stands [with summaries in English, German, and French]. V. M. Shul'gin. Vest. sel'khoz. nauki 6 no. 5:111-116 My '61.

Causes of the depression of tomato plants under conditions of insufficient light during the fourth stage of development [with summary in English]. Z. I. Shan'gina. Fiziol. rast. 8 no. 3, 325-329 '61.

Development and growth of various morphophysiological types of corn in relation to light. S. S. Rustembekov, F. M. Kuperman. Nauch. dokl. vys. shkoly, biol. nauki no. 2, 206-214 '61.

Effect of light conditions on the formation of the photosynthetizing apparatus in year-old sweet-cherry seedlings. N. S. Sudnik. Fiziol. rast. 7 no. 2:214-216 '60.

Effect of temperature and the length of day on the generative development of corn. A. S. Obraztsov. Agrobiologiia no. 3:378-382 My-Je '61.

Reaction of tomatoes to the length of day and temperature [with summary in English]. T. V. Oleinikova. Trudy po prikl. bot., gen. i sel. 32 no. 3:108-116 '59.

PLANTS, EFFECT OF LITHIUM ON

Chemical ecology of the boxthorn Lycium ruthenicum. M. A. Rish, L. A. Ezdakova. Trudy Biogeokhim. lab. no. 11:246-250 '60.

PLANTS, EFFECT OF METALS ON

Modified form of the large-headed poppy (Papaver macrostomum Boiss. et Huet.) in regions of biogeochemical provinces rich in lead and zinc. N. S. Malashkina. Trudy Biogeokhim. lab. no. 11:224-225 '60.

PLANTS, EFFECT OF MOLYBDENUM ON

Effect of molybdenum on the development of plants in turf-Podzolic and red soils [with summary in English]. Pochvovedenie no. 5:76-87 My '61.

PLANTS, EFFECT OF NICKEL ON

Effect of the trace elements nickel on some physiological and biochemical properties of grapes. O. K. Dobrolubskii. A. V. Slavvo. Fiziol. rast. 8 no. 3:355-358 '61.

PLANTS, EFFECT OF NITROGEN ON

Effect of different nitrogen sources on growth and mass accumulation in Chlorella pyrenoidosa [with summary in English]. V. V. Pinevich, N. N. Verzilin, IU. I. Maslov. Vest. LGU 16 no. 9:16-25 '61.

PLANTS, EFFECT OF POTASSIUM ON

Effect of copper and potassium on the structure of hemp stems. I. V. Anashkin. Sbor. nauch. rab. Bel. otd. VBO no. 1:5-11 '59.

PLANTS, EFFECT OF RADIATION ON

Action of ultraviolet radiation on pH and rH_2 of plant cells A P Dubrov TSitologiia 2 no 2 161-169 Mr-Ap '60

Conference on the irradiation of seeds before sowing. V M Patskevich Atom energ. 10 no.5 549-551 My '61.

Distant effect of ionizing radiations in irradiated plants. L. M. Krukova, A. M. Kuzin. Fiziol. rast. 7 no. 2-220-222 '60.

Influence of the condition of plant cells on their radiosensitivity to γ-radiation T G Mamedov TSitologiia 2 no. 2 175-176 Mr-Ap '60

Obtaining Avena fatua from Avena sativa under the influence of ionizing radiation. I. E. Glushchenko, G M. Zakharova Agrobiologiia no 3:402-409 My-Je '61.

PLANTS, EFFECT OF RADIOACTIVITY ON

Effect and aftereffect of the radioisotope strontium-90 on plants R. A Shishova Dokl AN SSSR 138 no 4 948-951 Je '61

Effect of radioactive isotopes on the growth, development, and yield of tomatoes and the eggplant [in Azerbaijani with summary in Russian] N B Vezirova Uch zap AGU Biol ser no 4 65-70 '60

PLANTS, EFFECT OF SALTS ON

Developing drought resistant and salt tolerant poplars I A Kazartsev [Trudy] VNII M no. 38 37-62 '59

Individual salt resistance and formative processes in tomatoes. V. A. Solov'ev. Fiziol. rast. 7 no. 2 222-225 '60.

PLANTS, EFFECT OF SOIL TEMPERATURE ON

Soil temperature conditions and the tomato crop [with summary in English] L. N. Cherenkykh, A. N Naumova. Izv AN SSSR Ser. biol. no 3, 452-457 My-Je '61

PLANTS, EFFECT OF TEMPERATURE ON

Effect of low and varying temperatures on the development of certain vegetables [with summary in English]. N. D. Feofanova. Trudy po prikl. bot., gen. i sel. 32 no. 3:97-107 '59.

Effect of temperature and the length of day on the generative development of corn. A. S. Obraztsov. Agrobiologiia no. 3 378-382 My-Je '61

Reaction of tomatoes to the length of day and temperature [with summary in English]. T. V. Oleinikova. Trudy po prikl. bot., gen. i sel. 32 no. 3:108-115 '59.

Thermal coefficient of germination. A. V. Poptsov, T. G. Buch. Biul. Glav. bot. sada no 38, 56-63 '60.

PLANTS, FLOWERING OF

Abnormalities in peach and apricot flowers associated with retarded flowering A. S Tuz Bot. zhur 45 no. 4 604-606 Ap '60.

Flowering of short-day plants under conditions of continuous illumination N. I. Volodarskii. Dokl. AN SSSR 136 no. 2:473-476 My '61.

PLANTS, MOTION OF FLUIDS IN

Effect of adenosinetriphosphoric acid on the uptake of assimilates by the conducting system of the sugar beet [with summary in English] A. I Kursanov, M I Brovchenko Fiziol rast 8 no. 3:270-278 '61.

Neutilization and distribution of calcium in the plant organism [in Azerbaijani with summary in Russian] M G Abutalybov, E Aliev Uch zap AGU, Biol ser, no 1 45-50 '60

PLANTS, ORNAMENTAL

Effect of gibberellic acid on the growth and biochemical processes in tobacco, makhorka, and certain ornamental plants [with summary in English] S. O. Hrebins'kyi, N V Roiko Ukr bot. zhur 18 no 2 37-40 '61

Speeding up the hardening process of gypsum plaster in building by the action of low-frequency electromagnetic fields. IU. N. Vershinin. Stroi mat 7 no. 4-31-35 Ap '61.

PLASTER CASTS

Mechanized means of preparing a slag-alabaster mix Transp stroi 11 no 4-41 Ap '61

PLASTERING

Traveling plastering unit Stroitel' no 4 26 Ap '61

PLASTIC AUTOMOBILES see Automobiles, Plastic

PLASTIC BEARINGS

Using plastics in antifriction bearings. D. D. Gus'kov. Izv. vys. ucheb. zav.; mashinostr. no. 3-50-57 '61.

PLASTIC BUILDINGS see Buildings, Plastic

PLASTIC PIPE see Pipe, Plastic

PLASTICITY

Determining the surface of a bulging material resulting from the insertion of a thin blade into a plastic half-space. D D Ivlev, Prikl mat i mekh 25 no 2 332-335 Mr-Ap '61.

Discontinuity of plastic deformation at low temperatures. I. A. Gindin, B. G Lazarev, IA. D. Starodubov. Fiz tver. tela 3 no 3 920-925 Mr '61

Drag of a plastic strip V V Sokolovskii Prikl mat i mekh 25 no 2 336-341 Mr-Ap '61

Effect of the segregation of elements in cast commercial iron on plastic properties of metal. G. N. Mekhed. Trudy Inst. met. no. 4:251-256 '60

Industrial plasticity of the BT2 alloy. V. IA. Kleimenov, T. N Sazonova. Titan i ego splavy no. 1 145-151 '58.

Methods of linearizing fundamental equations of the plasticity theory. E. P. Unksov. Kuz. shtam. proizv. 3 no. 5-1-4 My '61.

Plastic deformation of textured beryllium V. M Amonenko and others Fiz. tver. tela 3 no 3 796-802 Mr '61

Solving three-dimensional problems. V. N Ionov. Izv. vys. ucheb. zav., mashinostr. no. 1 3-9 '60.

Theory of the diagram of the plastic state. N. S. Akulov. Dokl. AN BSSR 5 no. 4 146-510 Ap '61.

PLASTICS

(see also subdivision under Kazakhstan Province)

Abel', F. Kh., and T. L. Bratseva. [Use of polymeric materials in the packing of fishery products] Primenenie polimernykh materialov dlia upakovki rybnoi produktsii. Moskva, TSentr. nauchno-issl. laboratoriia tary, 1960. 42 p. (Proizvodstvo tary)

Clamping devices with liquid plastic. M. Kishvari, S. S. Nekrasov. Nauch. rab. stud. GNSO MGI no. 7:186-193 '59.

Green light for new materials. G Parkhomenko. NTO 2 no 5:33-34 My '60

Kuznetsov, V. I., and B. V. Nikitin. [Plastics and their main physical and mechanical properties] Plasticheskie massy i ikh osnovnye fiziko-mekhanicheskie svoistva. Pod red. G. I. Pogodina-Alekseeva. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1959. 91 p.

Manufacture and uses of poly (vinyl chloride) in capitalist countries. N. P. Fedorenko, IU. T. Livshits. Plast. massy no. 6:68-73 '61.

Plastic clamps and fastening devices for use on ships A. Briakalov Rech. transp 19 no 2 28 F '60

Plastic faucets. V. I. Chernykh. Plast. massy no. 6: 66-67 '61.

Plastic materials help our surgeons. IU. Furmanov. Ukrania no. 11:13 Je '61.

Preparation of plastics in the school laboratory. A. I Luk'ianchenko. Khim. v shkole 15 no. 2:76-82 Mr-Ap

re-resistant plastics in the elec-
y. N. G. Timofeev. Biul. tekh. -
76 '61.
f Vierendeel beams in the elasto-
iromoplastic models. St. Balan,
troi mekh. i rasch. soor. 2 no 2:

bjects. IU. A. Vorob'ev. Izv. vys.
. no. 3:109-117 '61.
r fractures with a bone suture
V. Z. Liubarskii. Stomatologiia
) '61.
g attachments and auxiliary de-
re of machinery. V. S. Korsakov.
ashinostr. no. 3:03-05 '61.

PHY see Bibliography—Plastics

ys. G. Gordienko. Zhil.-kom. khoz.

properties of thermoplastics in
, V. V. Lapshin, A. A. Shiukhina,
l. massy no. 6:29-33 '61.
or molding capron. M. I. Korablev.
n. no. 4:23-24 '61.
G. V. Sagalev, E. L. Kalinchev.
-54 '61.

PLASTICS—TESTING

Conference on machines and methods for mechanical testing of plastics. V. S. Stroliaev. Vest mash. 41 no. 5-86 My '61

Vadachkoriia, V. I. [Investigating the machinability of plastics with cutting tools] Issledovanie obrabatyvaemosti plastmass rezaniem. Tbilisi, Izd-vo Gruzinskogo politekhn. in-ta im. V. I. Lenina, 1960. 88 p.

PLASTICS—WELDING

Welding plastics. A. V. Mordvintseva, N. A. Ol'shanskii. Izv. vys. ucheb. zav.; mashinostr. no. 3 98-108 '61.

PLASTICS INDUSTRY—EQUIPMENT AND SUPPLIES

(see also subdivision under Nizhniy Tagil)

Certain problems involving specialization in the manufacture of plastic goods. A. N. Nikolaev. Plast. massy no. 6 1-3 '61.

PLASTICS INDUSTRY—FIRES AND FIRE PREVENTION

Manufacture of styrol. N. Bubyr'. Pozh. delo 7 no. 5 5-6 My '61.

PLATE GLASS

Method of determining the geometric properties of the surface of drawn glass. N F. Baraskyova, V. A. Zhelaztsovtsov Stek i ker. 18 no. 3:14-18 Mr '61.

PLATE TOWERS

Calculation for the separation compartment in column extractors with sieve plates. A. N Planovskii, S N Balatov. Khim mash. no. 3 9-11 My-Je '60

Comparative data on the entrainment of liquid for valve, bubble cap and sieve plates. I. T Maleshik, Izv. vys. ucheb. zav., pishch. tekh. no. 2:123-129 '61.

Comparative study of the hydraulics of sieve plates with various overflow devices V. V. Kafarov, A. S. Vigdorov. Khim mash. no. 3 13-16 My-Je '61.

Controlling the temperature of a rectification column bottom N. P. Smirnov, R. B. Gun, M. B. Rybak Neftianik 6 no 5 21-22 My '61

Experimental check of the method of calculating the height of countercurrent packed and plate columns in processes involving the solution of a one-component disperse phase (the system toluene - diethylene glycol). B. I. Braunshtein and others. Zhur. prikl. khim. 34 no. 3:548-557 Mr '61.

Experimental determination of mass transfer coefficients in plate towers B N Orlov, A. N. Planovskii. Khim mash no 3 24-25 My-Je '60

Experimental investigation of turbogrid-type plates. IU. K. Molokhanov, I. A. Aleksandrov, A. I. Skoblo. Khim. i tekh. topl. i masel 6 no. 5 34-38 My '61.

Static pressure of foam on sieve plates. V. V. Kafarov, A. S. Vigdorov. Zhur. prikl. khim. 34 no. 3:564-572 Mr '61.

PLATINUM

Formation of platinum black in an ultrasonic field [with summary in English]. W. Wawrzyczek. Zhur. fiz. khim. 35 no. 4:723-726 Ap '61.

Reactivity of catalysts. Go Sie-sian', Se An'-khuei, Guo Chzhun-zhu. Probl. kin i kat 10 435-443 '60.

Relationship between parameters of the Arrhenius equation for deposited platinum catalysts V P Lebedev Probl. kin. i kat 10:204-209 '60.

PLATINUM ELECTRODES see Electrodes, Platinum

PLATNIUM-IRON ALLOYS see Iron-platinum alloys

PLATYPHYLLINE

Electrophoresis of platyphylline in the compound treatment of hypertension N. A Glagoleva Vop kur., fizioter i lech fiz. kul't. 26 no 1 57-61 '61

PLAY

Games for tots. IU. A. Bugel'skii. Doshk. vosp. 34 no. 5: 115-117 My '61.

When father plays with children..... I. A. Braun. Doshk. vosp. 34 no. 5:68-69 My '61.

PLAYS FOR CHILDREN see Children's plays

PLEKHANOV, GEORGII VALENTINOVICH, 1856-1918

G. V. Plekhanov on Lev Tolstoi [with summary in English] S. S. Derkach Vest. LGU 16 no. 8:92-105 '61

PLETHYSMOGRAPHY

Disorders in the function of the brain in virus arachnoencephalitis and encephalitis [with summary in French] F. F. Ogienko. Zhur. nevr i psikh. 60 no. 11:1400-1406 '60.

Investigations on the vascular component of orientation reflexes in patients with schizophrenia [with summary in English. N. N. Stanishevskaia. Zhur. vys. nerv. deiat. 11 no. 1 50-55 Ja-F '61.

PLEURA

Effect of the autonomic nervous system on the absorption of radioactive phosphorus from the pleural cavity. V R. Faitel'berg-Blank. Fiziol zhur. 47 no. 3:325-328 Mr '61.

Multiplication of mesothelial cells of the pleura under experimental conditions [with summary in English]. V. F. Ivanova. Arkh. anat. gist. i embr. 39 no. 7:30-36 Jl '60.

POLAND—FOREIGN RELATIONS—GERMANY

"Poland, Germany, and the Oder-Neisse boundary" [in German]. Reviewed by IU. N. Aleksandrov. Krat. soob. Inst. slav. no. 31 109-117 '61.

POLAND—FOREIGN RELATIONS—RUSSIA

A. L. Ordin-Nashchokin's unknown memorandum on the Russo-Polish relations of the second half of the 17th century. T. N. Kopteeva. Probl. istoch. no. 9, 195-220 '61.

Guaranty of Poland's independence and strength. Komm. Bel. 31 no. 4:77 Ap '60.

POLAND—FURNITURE INDUSTRY

Modern factory of bent furniture in Poland. M. Szydowski. Der. prom. 10 no. 5:28-31 My '61.

POLAND—GEOLOGICAL SOCIETIES

Activities of the Polish Geological Society. A. E. Golov, L. A. Kuznetsov, IU. M. Pushcharovskii. Biul. MOIP. Otd. geol. 36 no. 1 155-158 Ja-F '61.

POLAND—GEOLOGY, ECONOMIC

Outlook for the development of mineral resources in the Polish People's Republic. P. IA. Antropov. Razved. i okh. nedr. 27 no. 2 5-10 F '61.

POLAND—HISTORY

Effects of the liberation war of the Ukrainian people from 1648 to 1654 on internal political situation in Poland. G. M. Lyzlov. Uch. zap. Kazakh. un. 47 64-78 '60.

The 1000th anniversary of Poland. Aleksander Gejsztor. V zashch. mira no. 5 42-49 My '61.

POLAND—LEAD ORES

Origin of the zinc-lead deposits in the Olkusz area (Upper Silesia, Polish People's Republic). A. A. Amiraslanov. Sov. geol. 4 no. 4:127-129 Ap '61.

POLAND—MORPHOLOGY—PERIODICALS

Polish morphological journal "Folia Morphologica" in 1958. E. A. Dobrovol'skaia-Zaitseva. Arkh. anat. gist. i embr. 38 no. 3 96-101 Mr '60.

POLAND—MOTION-PICTURE PLAYS

Jerzy Kawalerowicz, interview. Isk. kino no. 6:148-149 Je '61.

POLAND—RAILROADS—EMPLOYEES

Personnel of Polish railway technical schools speak out. Sred. spets. obr. 6 no. 5 54-55 My '61.

POLAND—REVOLUTION OF 1905

"The Lodz' uprising" by I. A. Khrenov. Reviewed by S. M. Antoniuk. Krat. soob. Inst. slav. no. 31:129-132 '61.

POLAND—ZINC ORES

Origin of the zinc-lead deposits in the Olkusz area (Upper Silesia, Polish People's Republic). A. A. Amiraslanov. Sov. geol. 4 no. 4:127-129 Ap '61.

POLAR REGIONS—AERIAL EXPLORATION

Antarctic regions; the first winter months. Grazhd. av. 18 no. 5:11 My '61.

POLARITY (BIOLOGY)

The phenomenon of magnetotropism in plants and its nature [with summary in English]. A. V. Krylov, G. A. Tarakanova. Fiziol. rast. 7 no. 2:191-197 '60.

POLARIZATION (ELECTRICITY)

Anodic polarization, a new method for the electrochemical protection of metals from corrosion. N. D. Tomashov, G. P. Chernova. Khim. mash. no. 3:30-33 My-Je '61.

Calculation of the polarizability of molecules within the framework of a metallic model. IU. N. Zhuvliuk. Opt. i spektr. 8 no. 3:421-423 Mr '60.

Role of self-adjustment in polarization measurements during the electrodeposition of metals [with summary in English]. S. A. Solov'eva, A. T. Vagramian. Zhur. fiz. khim. 34 no. 4:754-758 Ap '60.

System with bipolar electrodes in the form of a complex of circular cylinders [with summary in English]. V. G. Fomichev, V. P. Mashovets. Zhur. fiz. khim. 35 no. 4: 803-808 Ap '61.

POLARIZATION (LIGHT)

Distribution of stars, dust matter, and interstellar polarization in Cygnus [with summary in English]. V. A. Dombrovskii. Vest. LGU 16 no. 7 142-165 '61.

Palette of light rays seen through a microscope. IUn. tekh. 5 no. 5:17 My '61.

Use of polaroid light filters in aerial maritime surveying. A. M. Kuzina, N. S. Ramm, I. V. Semenchenko. Izv. vys. ucheb. zav., geod. i aerof. no. 6:83-85 '60.

POLAROGRAPHY

Nature of the polarographic wave branching of a protein in cobalt salt solutions. S. G. Mairanovskii, E. F. Mairanovskaia. Izv. AN SSSR Otd. khim. nauk no. 5: 922-924 My '61.

Polarography of nitrates. S. I. Zhdanov. Zhur. fiz. khim. 34 no. 4:928-930 Ap '60.

Possible rapid recording of polarographic curves. R. Kal'voda, I. Smoler. Zav. lab. 27 no. 5:549-550 '61.

Role of adsorption in the generation of the polarographic wave of proteins. I. D. Ivanov. Dokl. AN SSSR 138 no. 4:952-954 Je '61.

Single-step polarographic wave of the proteinase of B. subtilis [with summary in English]. I. D. Ivanov. Biokhimiia 25 no. 2:211-218 Mr-Ap '60.

Study of tautomerism and geometric isomerism of nitrogen-containing derivatives of carbonyl compounds. Report No. 3. Polarographic study of some semi- and thiosemicarbazones in water-alcohol solutions. IU. P. Kitaev, G. K. Budnikov, A. E. Arbuzov. Izv. AN SSSR Otd. khim. nauk no. 5 821-831 My '61.

Use of oscillographic polarography in the study of the anodic oxidation of complex amalgams. V. P. Gladyshev, M. T. Kozlovskii. Izv. AN Kazakh. SSR, Ser. khim. no. 2, 61-66 '60.

Use of polarography for the continuous automatic control of laboratory and industrial processes (survey). IA. I. Turian, A. M. Murenkov. Zav. lab. 27 no. 5 507-517 '61.

POLE VAULTING

A method of determining speed and strength in pole vaulters. S. V. Levinshtein. Teor. i prak. fiz. kul't. 24 no. 3:233-234 '61.

POLESYE—ALDER

Regeneration of black alder plantations on improved lands of polesye. N. N. Kupchinov. Sbor. nauch. rab. Bel. otd. VBO no. 1:92-97 '59.

POLESYE—COLLECTIVE FARMS

On a Polesye collective farm. Alekset Nosenko. Sov. Ukr. 11 no. 5:170-175 My '61.

POLESYE—MINERALS IN SOIL

Concentration of the trace elements cobalt and copper in soils and forage grasses of the Polesye Lowland (White Russia). N. P. Shergin. Trudy Biogeokhim. lab. no. 11:70-74 '60.

POLESYE—PEAT SOILS

Copper deficiency in peat soils as a cause of lodging of grain in the Polesye biogeochemical province (White Russia). M. K. Maslianaia. Trudy Biogeokhim. lab. no. 11:83-91 '60.

POLESYE—PLANTS—CHEMICAL ANALYSIS

Concentration of the trace elements cobalt and copper in soils and forage grasses of the Polesye Lowland (White Russia). N. P. Shergin. Trudy Biogeokhim. lab. no. 11:70-74 '60.

POLESYE—TITANIUM ORES

Titanium in Polesye. Kost' Kizub. Ukraina no. 10:5-6 My '61.

POLESYE—TRACTORS

Efficient utilization of "Belarus'" tractors in the Ukrainian Polesye. D. S. Chubov, M. Z. Savchenko. Visnyk sil'hosp. nauky 4 no. 4 9-12 Ap '61.

POLESYE—WATER—COMPOSITION

Iodine, bromine, fluorine, and copper content of natural waters in the Polesye Lowland (White Russia). P. V. Ostapenia, TS. A. Kagan, E. A. Gel'fer. Trudy Biogeokhim. lab. no. 11:75-82 '60.

POLIAKIN, MIRON BORISOVICH, 1895-1941

Remembering Miron Poliakin... G. Neigauz. Sov. muz. 25 no. 6:144-148 Je '61.

POLIOMYELITIS

Diagnosis of latent forms of nonparalytic poliomyelitis [with summary in French]. A. M. Rozentsvaig. Zhur. nevr. i psikh. 60 no. 11, 1423-1427 '60.

Immunological effectiveness of live polyvalent poliomyelitis vaccine under conditions of an epidemic outbreak of poliomyelitis in Tashkent. V. I. Khozinskii, I. A. Karaseva, Ш. A. Svezhinina. Med. zhur. Uzb. no. 3 51-56 Mr '61.

Role of the masseur-instructor in the treatment of poliomyelitis patients. L. V. Malakhova. Med. sestra 20 no. 3:36-38 Mr '61.

Use of aerosols and electroaerosols in the acute stage of poliomyelitis especially in tracheotomized patients [with summary in French]. E. I. Raudam and others. Zhur. nevr. i psikh. 60 no. 11:1428-1434 '60.

Work of the group nurse in a sanatorium for children with the aftereffects of poliomyelitis. A. V. Efimova. Med. sestra 20 no. 3:34-36 Mr '61.

POLISHING, ELECTROLYTIC see Electrolytic polishing

POLITICAL CRIMES AND OFFENSES see subdivision under Germany, West

POLITICS AND WAR

One more herald of aggression ("Global strategy" by E. James Kingston-McCloughry. Reviewed by S. Krasil'nikov). Novyi mir 36 no. 5:260-272 My '60.

POLLEN

The coat of the pollen grain as a living physiologically active structure. N. V. TSinger, T. P. Petrovskaia-Baranova. Dokl. AN SSSR 138 no. 2:466-469 My '61.

Microsporogenesis and development of pollen grains in corn. S. N. Korobova. Dokl. AN SSSR 138 no. 1:233-236 Ja '61.

New device for the castration of sorghum. B. N. Malinovskii, V. N. Malinovskii. Agrobiologiia no. 3:473-474 My-Je '61.

Studying the viability of pollen and stigmas in flowers developing on isolated branches. S. I. Mashkin. Bot. zhur. 15 no. 4 547-551 Ap '60.

Using the thermal method for the castration of wheat. N. M. Satarov. Agrobiologiia no. 3:472-473 My-Je '61.

POLLINATION see Fertilization of plants

POLLUTION OF WATER see Water—Pollution

POLONIUM—TOXICOLOGY

Remote results of Po^{210} injury. S. M. Mikhailovich, E. V. Erlekseva. Med. rad. 6 no. 3:51-58 '61.

POLTAVA—GEOPHYSICAL OBSERVATORIES

Solovei, Dm. [Poltava Gravimetric Observatory in the system of the imperialistic russification drive against Ukrainian Science conducted by the Central Committee of the CPSU] Poltavs'ka gravimetrychna observatoriia v systemi imperialistychnoho rusifikatsiinoho nastupu TsK KPSS na ukrains'ku nauku (vidbylka z tyzhnevyka "Ukrains'ki visti," no. 43 za 1960 r.) Novyi Ul'm, Zakh. Nimechchina, 1960. 15 p.

POLTAVA PROVINCE—FOLK ART

In the Folk Art Center of Poltava Province. I. Kyshyn-s'kyi, V. Moroz. Nar. tvorch. ta etn. 1 no. 4 151-152 O-D '60

POLTAVA PROVINCE—NEWSPAPER AND PERIODICAL CIRCULATION

In a provincial committee of the party. F. Mudrenko. Raspr. pech. no. 1 10 Ja '61.

POLTORATSKII, VIKTOR VASIL'EVICH, 1907-

Poetry obliges ("Cherry tree ablcom"; verse by V. Poltoratskii. Reviewed by V. Kulemin). Moskva 4 no. 3:195-196 '60.

POLYAMIDES

Heterochain polyamides. Part 28. Significance of acceptors of hydrochloric acid in the synthesis of polyamides by interfacial polycondensation [with summary in English]. V. V. Korshak and others. Vysokom. soed. 3 no. 2:205-207 F '61.

Heterochain polyamides. Part 30: Preparation of mixed polyamides by fusion of homopolymers with salts [with summary in English]. V. V. Korshak, T. M. Frunze, Iu. I-nan' [Iu. I-nan] Vysokom. soed. 3 no. 5:665-670 My '61.

Modification of polyamide with chromium compounds. Report No. 1. N. N. Pavlov, G. A. Arbuzov. Izv. vys. ucheb. zav., tekh. leg. prom. no. 1 24-29 '60.

Polymer adhesion. Part 8: Adhesion to polyamide of graft and modified polymers obtained from carboxylated butadiene-styrene rubbers and ε-caprolactam and its derivatives [with summary in English]. V. I. Vakula and others. Vysokom. soed. 3 no. 5:775-782 My '61.

Polymer synthesis. Part 1: Synthesis of polyamides based on xylylene-diamines [with summary in English]. S. R. Rafikov and others. Vysokom. soed. 3 no. 5:699-705 My '61.

POLYCHAETA see subdivision under Black Sea, Kurile Islands

POLYETHYLENE

Coloring of polyethylene products. S. Kh. Pliner. Plast. massy no. 6, 44-46 '61.

Effect of the grafting of polystyrene on some properties of oriented polyethylene [with summary in English]. T. E. Lipatova, IU. S. Lipatov, N. L. Tutaeva. Vysokom. soed. 3 no. 2 184-190 F '61.

Peroxide-induced cross-linking in polyethylene [with summary in English]. R. Rado, M. Lazar. Vysokom. soed. 3 no. 2:310-318 F '61.

Properties of polyethylene coatings obtained by the flame-spraying method. I. P. Losev, V. A. Shishkin. Khim. mash. no. 3 26-28 My-Je '60.

POLYGONUM

Synthesizing activity of the fleeceflower root. E. I. Milogradov. Izv. AN Uz. SSR no. 7:11-18 '56.

POLYMERIZATION

Catalytic polymerization of olefins. Report No. 13: Polymerization of isobutylene in the presence of some silica gel samples. IA. T. Eidus, B. K. Nefedov. Izv. AN SSSR, Otd. khim. nauk no. 5:804-901 My '61.

Effect of the nature of the medium and catalyst on catalytic polymerization [with summary in English]. S. P. Mitsengendler, N. N. Ivanov, A. A. Korotkov. Vysokom. soed. 3 no. 2:319 F '61.

Effect of the structure of titanium trichloride on the stereospecificity of complex catalysts. Part 1: Effect of the conditions under which catalysts based on β-$TiCl_3$ + $Al(C_2H_5)_3$ were prepared upon their stereospecificity in the polymerization of propylene [with summary in English]. A. A. Korotkov, Li TSun-chan [Li TSung-ch'ang] Vysokom. soed. 3 no. 5:686-690 My '61.

POLYMERIZATION (Continued)

Effect of water and oxygen on the polymerization of ethylene on a chromium oxide catalyst G. B. Boreskov, V. A. Dzisko, T. IA. Tiulikova. Dokl. AN SSSR 136 no. 1 125-126 Ja '61

Free-radical polymerization of ethylene. Part 1: Kinetics of ethylene polymerization in a benzene and heptane solution [with summary in English] S. G. Entelis, B. A. Dolgoplosk, B. L. Erusalimskii. Vysokom. soed. 3 no. 5:734-739 My '61

Influence of the $K_2S_2O_8 - K_2S_2O_5$ oxidation-reduction system on the kinetics of the static polymerization of acrylonitrile. E. S. Roskin, G. B. Karpenko. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 2 280-282 '61.

Kinetics of vinyl acetate polymerization in methanol [with summary in English]. L. Aleksandru, M. Oprish. Vysokom. soed. 3 no. 2:306-309 F '61.

Mechanism of formation and reversibility of three-dimensional polymers containing pyridine rings. Part 1: Mechanism of the three-dimensional conversion [with summary in English]. I. S. Okhrimenko, A. A. Petrov, V. V. Verkholantsev. Vysokom. soed. 3 no. 5:724-728 My '61

Mechanochemical initiation of the polymerization of crystalline acrylic acid salts [with summary in English] V. A. Kargin and others. Vysokom. soed. 3 no. 5:787-793 My '61.

Polymerization in highly viscous systems and three-dimensional polymerization. Part 1: Kinetic characteristics of the polymerization of some polyacrylates [with summary in English]. G. V. Korolev, L. I. Makhonina, A. A. Berlin. Vysokom. soed. 3 no. 2. 198-204 F '61.

Polymerization of aldehydes at high pressures. Part 1: Polymerization of butyraldehyde under pressure [with summary in English]. V. M. Zhulin, M. G. Gonikberg. Vysokom. soed. 3 no. 2 262-267 F '61.

Polymerization of aldehydes at high pressures. Part 2: Mechanism of butyraldehyde polymerization under pressure [with summary in English]. M. G. Gonikberg, V. M. Zhulin. Vysokom. soed. 3 no. 2:268-275 F '61.

Polymerization of α-acylaminoacrylic acids [with summary in English]. S. S. Ivanov, M. M. Koton. Vysokom. soed. 3 no. 2:248-254 F '61.

Polymerization of butadiene with styrene in an emulsion with the use of rosin soap at 5°. I. I. Radchenko and others. Kauch. i rez. 20 no. 5 5-11 My '61.

Polymerization of chloroprene by organometallic compounds [with summary in English]. B. L. Erusalimskii, A. V. Markuleva, N. P. Balkova. Vysokom. soed. 3 no. 5. 703 My '61

Radical polymerization as an energy chain process produced by an exciton. E. I. Adirovich. Dokl. AN SSSR 136 no. 1:117-120 Ja '61

Reactors for emulsion polarization. IA. Ul'brikht. Kauch. i rez. 20 no. 5 12-15 My '61.

Role of flat chains in the mechanism governing the catalytic hydropolymerization of olefins under the influence of small amounts of carbon monoxide and in the presence of hydrogen. IA. T. Eidus, N. I. Ershov. Probl. kin. i kat. 10 404-409 '60.

Silane derivatives with hydrocarbon bridges between silicon atoms. Polymerization of 1, 1-dimethylsilacyclopentane. V. M. Vdovin and others. Dokl. AN SSSR 136 no. 1:96-99 Ja '61

POLYMERIZATION, EFFECT OF RADIATION ON

Gamma-ray-induced liquid-phase polymerization of tetrafluoroethylene [with summary in English]. A. R. Gantmakher, S. S. Medvedev, A. D. Abkin. Vysokom. soed. 3 no. 2:320 F '61.

POLYMERS

Certain properties of semiconductor polymers. R. M. Voitenko, E. M. Raskina. Dokl. AN SSSR 136 no. 5: 1137-1138 F '61.

Chemical modification of vulcanizates. Part 1: Interaction between vulcanizates and styrene, methyl methacrylate, and isoprene [with summary in English]. B. A. Dogadkin and others. Vysokom. soed. 3 no. 5:729-733 My '61.

Effect of the molecular weight on the strength of oriented amorphous polymers [with summary in English]. L. A. Laius, E. V. Kuvshinskii. Vysokom. soed. 3 no. 2:215-222 F '61.

Effect of the scale factor and temperature on the adhesive strength between polymer and glass [with summary in English]. G. M. Bartenev, V. T. Marinina. Vysokom. soed. 3 no. 5:783-786 My '61.

Electron spectrum in a polymeric chain. A. B. Almazov. Dokl. AN SSSR 138 no. 4:863-865 Je '61.

Medicinal preparations based on polymers. M. F. Shostakovskii, F. P. Sidel'kovskaia. Med. prom. 15 no. 3:6-13 Mr '61.

New method of determining chlorine in poly (vinyl chloride) and other chlorine-containing polymers. N. IA. Pariashkevich and others. Plast. massy no. 6:55-56 '61.

Polymer adhesion. Part 8: Adhesion to polyamide of graft and modified polymers obtained from carboxylated butadiene-styrene rubbers and ϵ-caprolactam and its derivatives [with summary in English]. V. L. Vakula and others. Vysokom. soed. 3 no. 5:775-782 My '61.

Polymerization of ethylene nitrate by gamma rays. V. N. Sokolov and others. Dokl. AN SSSR 138 no. 3 619-620 My '61

Relation between the mechanical properties of crystalline polymers and their supermolecular structures. V. V. Lunelina and others. Dokl. AN SSSR 138 no. 3 614-615 My '61

Shape of polymer chains [with summary in English] IU. IA. Kolbovskii. Vysokom. soed. 3 no. 5 756-760 My '61

Some electrophysical properties of polymeric complexes formed by tetracyanethylene with metals. A. A. Berlin and others. Dokl. AN SSSR 136 no. 5, 1127-1129 F '61

Structure of crystalline polymers [with summary in English] E. I. Kolobov. Zhur. fiz. khim. 34 no. 4:716-725 Ap '60.

Temperature dependence of the dipole-elastic relaxation time of polymers [with summary in English] G. P. Mikhailov, A. M. Lobanov, V. A. Shevelev. Vysokom. soed. 3 no. 5 791-797 My '61.

Temperature dependence of the flow birefringence of polymer solutions in an "ideal" solvent [with summary in English]. E. V. Frisman, Siui Mao [Hsu Mao]. Vysokom. soed. 3 no. 2:276-284 F '61.

Thermomechanical investigation of polydiphenylsiloxyethylene fumarate-styrene copolymers [with summary in English]. M. A. Bulatov, S. S. Spasskii. Vysokom. soed. 3 no. 2 208-212 F '61.

POLYMERS—BIBLIOGRAPHY see Bibliography—Polymers

POLYMERS—ELECTRIC PROPERTIES

Electric conductivity of polymers. Part 4: Effect of dipole polarization (polystyrene, poly-ρ-chlorostyrene, styrene-acrylonitrile copolymer) [with summary in English] B. I. Sazhin, M. P. Eidel'nant. Vysokom. soed. 3 no. 5 761-767 My '61

Electric conductivity of polymers as a function of temperature. B. I. Sazhin. Plast. massy no. 6 4-8 '61.

POLYMERS—SYNTHESIS

Synthesis of new rubberlike copolymers. A. G. Oganesian and others. Sbor. nauch. trud. ERPI no. 20:215-234 '59.

POLYMERS—TESTING

New apparatus for measuring swelling and viscosity. K. S. Akhmedov, F. V. Pogorel'skii. Izv. AN Uz. SSR no. 9, 85-89 '56

POLYMERS, EFFECT OF RADIATION ON

Action of fast electrons on the structure of polystyrene [with summary in English]. N. A. Slovokhotova, Z. F. Il'cheva, V. A. Kargin. Vysokom. soed. 3 no. 2: 191-197 F '61.

Mechanism of radiation polymerization. Part 1: Mechanism of gamma-ray induced carbonium polymerization of isobutylene and styrene [with summary in English] A. P. Sheinker, A. D. Abkin. Vysokom. soed. 3 no. 5: 716-724 My '61

POLYMERS, HIGH see Macromolecular compounds

POLYMETHYLENE COMPOUNDS

Ionogenic addition of halogens to bis-methylene bases of nitrogen containing heterocycles. A. I. Kiprianov, M. IU. Kornilov. Zhur. ob. khim. 31 no. 5 1699-1705 My '61

POLYMYXINS

Determining the amino acid composition of polymyxin M by countercurrent distribution [with summary in English]. A. S. Khokhlov, Ch'ih Ch'ang-ch'ing. Biokhimiia 26 no. 2:296-299 Mr-Ap '61.

Sorption of polymyxin by synthetic carboxylic cation-exchange resins [with summary in English]. L. F. IAkhontova, B. P. Bruns, S. N. Kovardykova. Antibiotiki 5 no. 2 5-8 Mr-Ap '60.

POLYNOMIALS

Approximation of functions by polynomials satisfying nonlinear relations. V. N. Burov. Dokl. AN SSSR 138 no. 3:515-517 My '61.

Certain weighted polynomials in m variables of the degree $\leq n$, least deviating from zero, whose coefficients are connected by a given linear function. D. G. Grebeniuk. Izv. AN Uz. SSR. Ser. fiz.-mat. nauk no. 2: 59-75 '61.

Extremum problems in the theory of polynomial operators. D. L. Berman. Dokl. AN SSSR 138 no. 4:747-750 Je '61.

One class of polynomials least diverging from zero on two intervals. E. I. Krupitskii. Dokl. AN SSSR 138 no. 3:533-536 My '61

Some inequalities for polynomials of a complex variable. I. I. Ibragimov, R. G. Mamedov. Dokl. AN SSSR 138 no. 3:526-528 My '61.

POLYNOMIALS, BERNSTEIN see Bernstein polynomials

POLYPS see Coelenterata

POLYSACCHARIDES

Comparative studies on polysaccharide fractions of two strains of Act. globisporus streptomycini [with summary in English] I. B. Naumova. Antibiotiki 6 no. 1: 26-31 Ja '61

Conference on the histochemistry of polysaccharides. E. Sh. Gerlovin. Arkh. anat. gist. i embr. 10 no. 2: 115-125 F '61

Method for the selective staining of acid (sulfated) mucopolysaccharides by basic cinnamate [with summary in English] M. G. Shubich. Biul. eksp. biol. i med. 51 no. 2 116-120 F '61.

Study of eremuran. Report No. 2. O. N. Ponomar'ova. Farmatsev. zhur. 15 no. 1:43-45 '60.

POLYZOA see subdivision under Pacific Ocean

PONDGRASS see subdivision under Apsheron Peninsula

POPLAR

(see also subdivision under Ukraine; White Russia)

Developing drought resistant and salt tolerant poplars. I. A. Kazartsev [Trudy] VNIILM no. 38 37-62 '59

Length of the wood fibers of hybride poplars. P. L. Bogdanov. Izv. vys. ucheb. zav., les. zhur. 3 no. 1 29-30 '60

POPOV, ALEKSANDR STEPANOVICH, 1859-1906

Fate of a great discovery. R. Glier. Sov. radio i tel. 8 no. 4:30-31 '59.

POPOV, ANDREI ALEKSEEVICH

Popov. Nina Velekhova. Teatr. 22 no. 5:70-75 My '61.

POPOV, PAVLO MYKOLAIOVYCH, 1880-

P. M. Popov's 70th birthday. Nar. tvorch. ta etn. 1 no. 4 152 O-D '60

POPPY

(see also subdivision under Atkyz region)

Dynamics of amino acids in the fruit of the oilseed poppy [with summary in English]. V. E. Pontovich, Kh. Karimov. Fiziol. rast. 7 no. 2:151-159 '60.

POPULAR CULTURE

The role of the masses in the development of culture. V. Denisov. Uch. zap. Komi gos. ped. inst. no. 7:107-128 '59

POPULAR FRONTS

A policy of the joint action of workers and all the democratic forces of the people. E. Osipov. Komm. Vooruzh. Sil. 1 no. 1:77-82 Je '61.

The struggle of Communist parties for the unity of workers and the joint action of all democratic forces [with summary in English, p. 173] M. I. Mikhailov. Nov. i noveish. ist. no. 3 7-19 '61

POPULISM (NARODNICHESTVO)

(see also subdivision under Ivanovo)

Revolutionary Populism in the Russian liberation movement. T. S. Riazantsev. Uch. zap. Komi gos. ped. inst. no. 7:3-40 '59

V. I. Lenin on populism and problems of the history of Russian literature [with summary in English] N. I. Sokolov. Vest. LGU 16 no. 8:79-91 '61.

The work of populists among Petersburg workers in the revolutionary period from 1879-1881. V. S. Gerlakina. Ist. SSSR 5 no. 3 126-139 My-Je '61.

PORCELAIN

(see also subdivision under Kiev)

Stamping the straining holes of a teapot. L. V. Akulin. Stek. i ker. 18 no. 3:35-36 Mr '61

POROSITY

Effective porosity. A. D. Stoliarov. Trudy Inst. geol. i razrab. gor. iskop. 2:95-103 '60.

Porosity of rocks and its role in the localization of endogenous ores. IU. A. Rozanov. Geol. rud. mestorozh. no. 2:57-65 Mr-Ap '61

Using mercury porometry for determining the differential porosity of cement stone. L. V. Kravchenko, B. E. IUdovich. Nauch. soob. NIITSementa no. 9:32-38 '60.

POROUS MATERIALS

Apparatus for studying the decomposition kinetics of "blowing agents." N. A. Gol'dberg, V. G. Golov. Zav. lab. 27 no. 5:612-614 '61.

PORPHYRIN AND PORHYRIN COMPOUNDS

Biosynthesis of vitamin B_{12} and porphyrins by a culture of propionic bacteria [with summary in English]. G. V. Pronlakova. Biokhimiia 26 no. 2 299-305 Mr-Ap '60.

PORPHYRY—THERMAL PROPERTIES

Microscopic study of a ceramic body made of quartz-porphyry. Z. A. Katina. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk no. 5:65-76 '60.

PORT KEMBLA (AUSTRALIA)—OPEN-HEARTH FURNACES

New open-hearth furnace plant at Port Kembla [from "Blast Furnace and Steel Plant" November 1959]. Stal' 20 no. 7:609 Jl '60.

PORTABLE ENGINES

Concerning the operation of a steam engine. G. R. Liberman. Energetik 9 no. 5 36 My '61.

PORTLAND CEMENT

Effect of hydraulic additives on the formation of calcium sulfoaluminate in the reaction of tricalcium aluminate and gypsum I Kh Kolontarov, IU T Tashpulatov Izv AN Uz SSR no. 4 49-52 '56.

Effect of naturally calcined clay on the frost and atmospheric resistance of portland cement M I Miakinchenko, I S Kantsepol'skii Izv AN Uz SSR no 12 77-83 '56

Effect of naturally calcined clay on the sulfate resistance of portland cement containing little aluminate M.I Miakinchenko, I S Kantsepol'skii Izv AN Uz SSR no. 10 57-63 '56

Hardening process of pozzolan portland cements in air IU. T. Tashpulatov, T. L. Glekel' Izv AN Uz SSR no. 7:77-83 '56

PORTUGAL—COLONIES—AFRICA see Africa—Portuguese colonies

PORTUGAL—COMMUNIST PARTY

The tireless fighter against the fascist dictatorship G Kolomiets Part zhizn' no 13 70-74 Jl '61

PORTUGAL—ECONOMIC CONDITIONS

End of a myth Jose Almeida Freitas V zashch mira no 5 14-20 My '61

PORTUGAL—POLITICS AND GOVERNMENT

End of a myth Jose Almeida Freitas V zashch mira no 5 14-20 My '61

PORTUGUESE LANGUAGE—DICTIONARIES—RUSSIAN

Starets, S. M., and E. N. Feoktistova, comps. [Portuguese-Russian dictionary] Portugal'sko-russkii slovar'. Pod red. S. Brandao i A. Toresa. Okolo 40 000 slov. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1961. 947 p.

[MICROFILM]

POSITRONS

Positron decay of In^{102} [with summary in English] S. F. Antonova and others. Zhur. eksp. i teor. fiz. 38 no. 2 379-383 F '60

Temperature effect on the angular correlation of gamma-quanta arising in the annihilation of positrons and electrons in bismuth. I IA Dekhtiar, V S Mikhalenkov Dokl AN SSSR 136 no 1,63-65 Ja '61

POSTAGE STAMPS

(see also subdivision under Mongolia)

For the 1961 catalog of postage stamps. Sov. knizh. torg. 13 no. 5:50 My '61.

New postage stamps. M. Travkina. Sov. knizh. torg. 13 no. 5:45-46 My '61.

New stamps. M. Travkina. Sov. knizh. torg 13 no 4 47-48 Ap '61

Stamps of socialist countries Sov. knizh. torg 13 no 4 48-49 Ap '61.

What the philatelic office is publishing. A. Sudakov. Sov. knizh. torg. 13 no. 5:48 My '61.

POSTERS

Let's give our country enough meat and milk. H. Honchar. Sots. kul't. 14 no. 5-30 My '61

POSTERS, FRENCH

In the days of the Commune. Marlia Dmytrienko. Mystetstvo 8 no 2 20-21 Mr-Ap '61

POSTURE

Tonic vascular responses to the position of the body. IU P Kubyshkin. Fiziol zhur. 47 no 3:321-324 Mr '61

POTASSIUM

(see also subdivision under Caspian Lowland; Kazakhstan)

Electrodiffusion in dilute solutions of lead and mercury in metallic potassium [with summary in English]. S. I. Drakin, IU. K. Golubkova, E. P. Ushakova. Zhur. fiz khim. 34 no. 4 866-871 Ap '60.

Relation of thallium to rubidium, cesium, and potassium in metamorphic rocks, granites, and rare-metal pegmatites of the Sayans. IU. S. Slepnev. Geokhimiia no. 4:359-361 '61.

Thermodynamic properties of liquid metallic solutions. The system potassium - lead [with summary in English]. M. F. Lantratov. Zhur. fiz khim. 34 no. 4:782-788 Ap '60.

POTASSIUM—ANALYSIS

Quantitative determination of potassium and sodium in some biological liquids by means of flame photometry. A. A. Krokhalev. Lab. delo 7 no. 5:12-14 My '61.

POTASSIUM AMIDE

Factors of the partial rate of deuterium exchange in dimethylaniline with potassium amide solution in liquid ammonia, and the mechanism of basic deuterium exchange A. I. Shatenshtein, IU. I. Rannova. Zhur. ob. khim. 31 no 5 1423-1431 My '61.

POTASSIUM IN THE BODY

Determination of potassium and sodium in blood and in water by means of flame photometry. M. V. Nifontova. Lab. delo 7 no. 5 8-12 My '61.

POTASSIUM IODIDE

Change of isobaric potential during formation of KI - RbI solid solutions at 25°C [with summary in English]. L. L. Makarov, D. IU. Stupin Zhur. fiz. khim. 35 no. 4 743-747 Ap '61.

POTASSIUM SULFATE

Reactions of minerals containing rare alkali elements with salts and oxides in the process of fusion and sintering Part 5 Mechanism of the fusion of α-spodumene with potassium sulfate V E Plyushchev Izv vys uchab. zav., Khim i khim tekh 4 no 2 265-270 '61

POTATO DIGGER (MACHINE)

New working parts for separating soil from potatoes. V. M. Kuz'min. Trakt. i sel'khozmash. 31 no. 5:24-25 My '61.

POTATO ROT

Comparative characteristics of Phytophthora infestans DB strains from potatoes and tomatoes [with summary in English]. N. P Cherepanova, L. I Pshedetskaia. Vest. LGU 16 no 9 144-148 '61

POTATOES

(see also subdivision under Igarka region, Russia, Northern, Ukraine, Yenisey Valley)

Assembly line for processing potatoes N Goncharov, I TSypin Sov torg 34 no 5 51-53 My '61

Dynamics of the accumulation of pigments in greening potato tubers A. S Vechei, M T Chakal Dokl AN BSSR 5 no 5:223-225 My '61

Effect of acetylene on potatoes. F. IA. Mekhanik. Shor. nauch. rab. Bel. otd. VBO no. 1 42-51 '59.

Effect of stimulating chemicals on the sprouting and yield of potatoes [with summary in English] V. P Kirilukhin Fiziol rast 8 no 3:299-303 '61

Problems pertaining to the interrow cultivation of potatoes. M. G. Vasilievich. Trudy MIMESKH 6 253-267 '59.

Russia (1923- U. S. S. R.) Komitet standartov, mer i stroitel'nykh priborov. [Instructions 62-54 for checking balances for testing potatoes] Instruktsiia 62-54 po poverke vesov dlia prob kartofelia. Izd. ofitsial'noe. Moskva, 1957. 8 p.

POTATOES—DISEASES AND PESTS

New potato foe (from "Urania," no. 2, 1961). Priroda 50 no. 5:118 Je '61.

POTATOES—FERTILIZERS AND MANURES

Effect of boron fertilizers on the yield and quality of potatoes. G. Sh. Aslanian. Agrobiologiia no. 3:452-464 My-Je '61.

POTATOES—HARVESTING

Effect of air current on the performance of the vibrating sieve in separating clods from potatoes. I. V. Avlukhov. Trakt. i sel'khozmash. 31 no. 5:21-23 My '61.

POTATOES—STORAGE

Role of air in the dormant state of the potato tuber. V. P. Matveev Izv. AN Uz. SSR no. 12:31-37 '56.

POTATOES—VARIETIES

Peculiarities of the effect of gibberellin on the growth and development of healthy and degenerated potato plants of the "Ramenaya Roza" variety G V Zabluda, M I Prostova Nauch. dokl vys. shkoly, biol. nauki no 2 181-185 '61.

POTEBNIA, ALEKSANDR AFANAS'EVICH, 1835-1891

A A Potebnia on the artistic symbolism of folk poetry V. S Bobkova Nar tvorch ta etn 4 no 4 61-67 O-D '60

A. A Potebnia's unknown letter. Submitted and commented by I. D Bazhynov Nar. tvorch ta etn 4 no. 4 111-112 O-D '60.

The poetics of Potebnia and their significance in Soviet literary studies M. Kh Kotsiubyns'ka Rad. lit 5 no 2 46-57 Mr-Ap '61

The 125th anniversary of A A Potebnia's birth Nar. tvorch. ta etn 4 no. 1 152-153 O-D '60

POTENTIAL, THEORY OF

Evaluations of Green's function in partial derivatives of second-order parabolic equations. P E. Sobolevskii. Dokl. AN SSSR 138 no. 2:313-316 My '61.

Scalar diffraction problem for an elliptic cylinder and an ellipsoid of revolution. N. D. Kazarinov. Dokl AN SSSR 138 no. 4:759-762 Je '61

POTENTIOMETER

New design of a high-resistance six-decade potentiometer. T. B. Rozhdestvenskaia, D. I. Zorin, A. M. Brodskii. Izm. tekh. no. 6:31-36 Je '61.

Semiconductive attachment to the EP-1 potentiometer. E. V. Sheremet'ev. Razved. i okh. nedr 27 no. 3:46 Mr '61.

POTENTIOMETER—TESTING

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 190-56 for checking a. c. potentiometers] Instruktsiia 190-56 po poverke potentsiometrov peremennogo toka. Izd. ofitsial'noe. Moskva, 1957. 28 p.

POTENTIOMETRIC ANALYSIS

Potentiometric titration of multicomponent acid mixtures in nonaqueous solutions [with summary in English]. A. P. Krishkov, L. N. Bykova, N. A. Kazarian. Zhur. anal. khim. 16 no. 2 129-134 Mr-Ap '61.

Use of niobium as an indicator electrode in potentiometric analysis V S Galinker Izv vys uchab. zav., khim i khim tekh 4 no 2 189-192 '61

POTTERY

(see also subdivision under Samarkand)

Dishes made of local clays. IU. G. Shteinberg. Stek. i ker. 18 no. 5:27-32 My '61.

POULTRY

(see also subdivision under Kanevskaya District, Minsk, Moscow; Saratov Province)

Introduction of foreign desoxyribonucleic acid into the organism of a hen S A Bogatyreva and others Dokl AN SSSR 136 no 5,1213-1215 F '61

POULTRY—FEEDING AND FEEDS

Effect of feed proteins on age changes in the calcium and phosphorus metabolism of chickens IU N Bativzheva'kyi Visnyk sil'hosp nauky 4 no 4 119-121 Ap '61

Effect of feed proteins on age changes in the content of certain microelements and macroelements in the organism of chickens Visnyk sil'hosp nauky 1 no 4 121-121 Ap '61

Effect of feed proteins on the constitution of chickens and the development of their internal organs V. A. Makovets'kyi Visnyk sil'hosp. nauky 4 no 4 117-119 Ap '61

POULTRY BREEDING—BIBLIOGRAPHY see Bibliography—Poultry breeding

POULTRY HOUSES AND EQUIPMENT

Electric shelter for chicks. IU. M. Suslov. Mekh. sil'. hosp. 12 no. 5:21-22 My '61.

POULTRY PLANTS

Chicken factory. L. Birchanskaia. Znan. sila 36 no. 2:8-9 F '61

POWDER METAL PROCESSES

Stress peening and recovery of high purity tungsten and molybdenum in conditions of nonuniform stress on all sides I. N. Frantsevich, I. E Shilanovskaia, V. A. Lavrenko Fiz. met. i metalloved 9 no. 4 593-597 Ap '60

Use of powder tungsten in the production of powder wire for automatic hard facing. N. A Mal'tsev. Avtom. svar. 14 no 6:56-57 Je '61.

POWDER METALLURGY

Developing a method of hot pressing of titanium and titanium alloy powders. I. I. Kornilov and others. Titan i ego splavy no. 1:25-32 '59.

Tuyere for blowing powder-like materials into molten metal. Z M Kudriavtseva. Stal' 21 no 5:464-467 My '61

POWER ENGINEERING

(see also subdivision under Leningrad Province)

News in science and engineering. Fiz. v shkole 20 no. 2:15-16 Mr-Ap '60.

POWER ENGINEERING—CONGRESSES

Third Methodological Seminar on Power Engineering. IU V. Varankin. Inzh.-fiz zhur 4 no 5 139 My '61

POWER PRESSES

(see also subdivision under Germany, East)

Automatic machines for pressing and sizing bimetallic contacts. IU. M. Liberman. Biul. tekh.-ekon. inform. no. 4:25-27 '61.

Determination of deformation forces on crankshaft presses for hot forging. N. G. Evlanov, V. P. Tret'iakov. Kuz. shtam. proizv. 3 no. 5:46-47 My '61.

Effect of the press-platen temperature on the physical and mechanical properties of piesothermoplastics. A. N. Minin, A. G. Lakhtanov. Der. prom. 10 no. 3:9-11 Mr '61.

Ejection devices for drop-forging presses manufacturing crankshafts. E. N. Ermolaev, V. K. Chesnokov, IU. P. Volik. Avt. prom. 27 no. 5:38-41 My '61.

Enclosure for laboratory presses. Bet. i zhel.-bet. no. 5:232 My '60.

Explanations to the article "Dynamics of a friction press," M. V. Storozhev. Vest. mash. 41 no. 5:55-56 My '61.

Pneumatic press with electric contact heating for the veneering of columns. M. B. Liutershtein. Der. prom. 10 no. 3:19-20 Mr '61.

Safety signaling relay system for vacuum belt presses. I. G. Balakhnin. Ogneupory 25 no. 5:214-216 '60.

Strengthening the fillets of large press cylinders by embossing. V. M. Brasiavskii. Kuz. shtam. proizv. 3 no. 5 21-24 My '61.

WER PRESSES—STANDARDS
arameters of closed trimming presses. V. A. Evstratov. Standartizatsiia 25 no. 5:24-25 My '61.

WER SHOVELS
creasing the productivity of high-powered steam shovels by automation of the digging process. A. I. Shenderov and others. Stroi. i dor. mash. 6 no 2 4-7 F '61
oader shovel with upper pivot center. V. N. Stogov, I. P. Krivtsov. Stroi. i dor mash. 6 no. 2:11-14 F '61.

WER TOOLS
tands for table machine tools and portable power tools A. Merdygeev Shkola i proizv. 5 no 5 36 My '61

WER TRANSMISSION
onference on infinitely variable mechanical transmissions and flexible-coupling transmissions. V. F. Mal'tsev, G. I Kogan-Vol'man. Mashinostroitel' no. 5,43 My '60.
mprove the power transmission of agricultural machinery. A. A. Gafanovich. Trakt i sel'khozmash. 31 no. 5:25-28 My '61.

WER TRANSMISSION
Problem of variable speed transmissions. V. B. Volov, N. A. Fillimonov. Nauch. rab. stud. GNSO MGI no. 7: 168-185 '59.

IZEN, LEONID VLADIMIROVICH, 1849-1921
ortrait of L., Pozen by N. IAroshenko L Vladich Iskusstvo 24 no. 5,72 '61

ZHVA —LOCOMOTIVE WORKS
ocomotive built at the Pozhva Machinery Plant I I. Ushakov. Trudy Inst ist est i tekh 38:309-320 '61

ACTICE TEACHING see Student teaching

AGUE—DORMITORIES
The home of students from all continents Jan Bartak Vsem. stud mov 15 no 2 18-19 F '61

AGUE —HISTORICAL MUSEUMS
The Lenin Museum in Prague. B Babanova Ukraina no. 8:1 Ap '60.

AGUE—MYCOLOGY—CONGRESSES
econd Conference of European mycologists. M IA. Zerova. Ukr. bot. zhur 18 no 2 101-106 '61

AYER BOOKS
ragment of a parchment prayer book written in Cyrillic at the end of the 13th century, from a find in old bound volumes. N V. Gappener Trudy ODRL 17,618-623 '61

ECAST CONCRETE
(see also subdivision under Kadiyevka; Krasnodar Territory)
Conference on mechanization of production and use of precast prestressed reinforced concrete construction elements. Bet. i zhel.-bet no. 5 244 My '60.
mproving continuous heat chambers at conveyor plants producing reinforced concrete elements E V. Kazmin Bet. i zhel.-bet. no. 5,208-213 My '60.
Methods for designing precast monolithic members reinforced with prestressed elements. O. V. Mikhailov. Bet. i zhel.-bet. no 5 220-225 My '60
recast mine supports made from waste products from dressing iron quartzite. V. M. Verbitskii, I. S. Zitser. Shakht. stroi. 5 no. 4:17-20 Ap '61.
Precast reinforced concrete members made of linear elements for industrial and public buildings. N L Perel'shtein. Bet. i zhel.-bet. no. 5:198-202 My '60

ECAST CONCRETE CONSTRUCTION
(see also subdivision under China)
rched cow barn with honeycombed reinforced-concrete roofing. V. Chugunov. Sel'. stroi. 15 no. 2:18-19 F '61.
rief news. Prom. stroi. 38 no. 5:61 '60.
oncrete wharf. M. Plakida. Rech. transp 19 no 2: 55-56 F '60.
onsideration of the durational processes in calculating prestressed supports with an annular cross section. N. S. Metelluk. Elek. sta. 32 no. 5 42-45 My '61.
onstruction of a precast reinforced concrete dam on the Stepnoy Zay River. N. G. Shtamburg. Gidr. stroi. 31 no. 4:20-22 Ap '61.
esigns and economic aspects of precast reinforced concrete bin trestles. N. I. Ponomarenko. Prom. stroi. 38 no. 5:28-36 '60.
xpand the use of precast reinforced concrete in building metallurgical plants. T. P. Chernov. Prom. stroi. 38 no. 5:1-4 '60.
Tushkin, S. I. [Precast reinforced-concrete tanks] Sbornyo zheleznobetonnye rezervuary. Moskva, VNIIST Glavgaza SSSR, redaktsionno-izdatel'skii otdel, 1960. 149 p.
mproving some types of precast construction of hydraulic structures. V. Kh. Gol'tsman. Gidr stroi. 30 no. 5: 9-12 My '60.

Laying blocks of a rigid foundation directly from the operating deck Transp stroi 11 no 4 53 Ap '61
Let's eliminate difficulties in the development of large-panel housing construction Bet. i zhel.-bet no 3 143-144 Mr '61
Let's introduce progressive technology Bet. i zhel.-bet no 3 141-142 Mr '61
A new type of prefabricated reinforced concrete facing for the protection of upstream slopes of earth dams from the destruction by wind waves I K Nikitin Trudy SANIIRI no 99 37-42 '59
Precast and prestressed reinforced concrete elements of transportation structures K V Mokhortov Bet i zhel.-bet no 3,105-110 Mr '61.
Precast elements of engineering structures. M G. Bass. Gor. khoz Mosk. 35 no 4 29-32 Ap '61.
Precast reinforced concrete dam on the Stepnoy Zay River. V. I. Stankevich Gidr. stroi. 31 no. 4 13-19 Ap '61.
Precast reinforced concrete framework. Sel'. stroi. 15 no 3 insert,3-i Mr '61
Precast reinforced concrete gantries for hoisting mechanisms G I. Shternberg, V. M. Gubanov. Gidr stroi 30 no. 5,12-17 My '60.
Tower substation of precast-reinforced concrete. G. Kesel'man, M. Lukin. Sel'. stroi. 15 no. 2:12-13 F '61.

PRECIPITATION (CHEMISTRY)
Washing the precipitate in a filter. M. IA. Meshengisser. Khim mash no. 3 15-16 My-Je '60.

PRECIPITATION (METEOROLOGY)
Characteristics of the distribution of mean total monthly precipitation in the U. S. S. R. N. V. Dmitriev. Trudy TSIP no. 108 23-51 '61.

PRECIOUS METALS
Industrial application of noble metals in the U. S. S. R. A. A. Rudnitskii. Trudy Inst. met. no. 4,94-116 '60

PRECIOUS STONES
Precious stones and ultrasonics. V. Andreev. Mest. prom i khud promys. 2 no. 5 9 My '61

PRECISION CASTING
Heat-resistant alloys for precision casting. D. P. Neklidov. Lit. proizv. no. 5:47 My '61.

PREDICATES, CALCULUS OF see Calculus of predicates

PREDNISONE
Some clinical and laboratory data on the use of cortisone and prednisone in the treatment of a number of dermatoses R. G. Gabitova. Vest. derm. i ven. 35 no 1 36-39 Ap '61.

PREFABRICATED BUILDINGS see Buildings, Prefabricated

PREFERRED NUMBERS
Normal linear dimensions and preferred numbers. V. D. Nesterov. Standartizatsiia 25 no. 5:8-10 My '61.

PREGNANCY
Anti-A and anti-B isoimmune antibodies and their role in blood transfusion and in pregnancy [with summary in English, p. 62]. T. M. Novachenko. Probl. gemat. i perel. krovi 5 no. 2:29-34 F '60.
Biochemical composition of the amniotic fluid and blood in mother and fetus in various stages of pregnancy [with summary in English]. A. M. Sozanskii. Biol. eksp. biol. i med. 51 no. 3:64-67 Mr '61.
Prevention of radiation sickness in mother and fetus in utero. A. P. Kiriushchenkov. Med. rad 6 no. 3:14-17 '61

PREGNANCY, COMPLICATIONS OF
Change in the connective tissue of the in hyperthyroidism in parturients [w English] V P. Leitan. Arkh. anat. no 2:24-27 F '61.
Conservative resection of the lung in Pushkarenko. Probl. tub. 38 no.
Course of infectious hepatitis in part bych. Ped., akush. i gin. 22 no. 4
Effectiveness of prolonged antibacter treatment of pulmonary tuberculosi women. Z. N. Fedotova. Probl. tul '60.
Formation of gastric ulcers in pregna rats in the light of data on the domi [with summary in English]. V. D. R biol. i med. 51 no. 1:40-43 Ja '61.
Fundus oculi in hydrops of pregnancy toxicosis (vomiting). E. I. Bukshpa 22 no. 4:43-46 '60.
Pregnancy and internal pathology. Ped., akush. i gin. 22 no. 4:40-42
Premature labor. T. P. Barkhatova. 26 no. 5:3-7 My '61.
Prevention and treatment of toxicosi of pregnancy. I. I. Gryshchenko, V. Ped., akush. i gin. 22 no. 4:36-39
Problem of "tuberculosis and pregnancy." S. I. Tregub. Ped., akush. i gin. 22 no. 4,46-49 '60.
Typhoid fever in parturients. D. N. Zupnyk, P. P. Mel'nykov, G. A. Vul'fson. Ped., akush. i gin. 22 no. 4:51-52 '60.

PREGNANCY, EXTRAUTERINE
Comparative differential diagnostic test in intra-abdominal hemorrhages in women. V. S. Lesiuk. Ped., akush. i gin. 22 no. 4:2 of cover '60.
Interstitial extrauterine pregnancy. O. I. Stupko. Ped., akush. i gin. 22 no. 4:61-64 '60.

PREGNANEDIOL
Excretion of ovarian hormones in epilepsy [with summary in French] L. G Tumilovich Zasr nevr. i psikh. 60 no 11,1500-1505 '60
Lesions of the adrenal cortex in thromboangiitis. Z. L. Gordon. Klin med. 39 no. 5 80-86 My '61.

PRESS
(see also subdivision under Georgia; Germany, West)
In this lies the power of our press. Sov. pech. no. 6:1-3 Je '61.
Kononykhin, N. M. [The party and the Soviet press during the period of the Great Patriotic War] Partiinaia i sovetskaia pechat' v period Velikoi Otechestvennoi voiny. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 101 p.
Lenin and workers of the press. K. Zilnchenko. Novyi mir 36 no. 4 149-151 Ap '60
Most powerful, most militant ("Soviet press in documents," Reviewed by K. Bogoliubov. Sov. pech. no. 5 45-47 Je '61.
The party's weapons in the battle for communism. L. Il'ichev. Sov. pech no. 5,1-6 My '61.
Powerful weapon of our party. G. Konovalov. Komm. Bel. 34 no. 4,67-71 Ap '60.

PRESS—BIBLIOGRAPHY see Bibliography—Press

PRESSING OF GARMENTS
Sewing with glue, pressing with steam. I. Titova. Izobr. i rats. no. 5:18-21 My '61.

PRESSURE GAUGES
Psychometric method for measuring pressures. M. I. Verba, B. I. Leonchik. Izv. vys. ucheb. zav.; ener. 4 no. 4:122-123 Ap '61.
Tensiometric pressure gauge for hydraulic conveying systems. IU. A. Markov. Ugol' 36 no. 3:29-31 Mr '61.

PRESTRESSED CONCRETE
(see also subdivision under China; Krasnodar)
Anchoring high-strength wire bundles in prestressed concrete construction. E. V. Shitov. Trudy NIIZHB no. 16:35-64 '60.
Crack resistance in prestressed concrete beams in inclined sections [with summary in English, p. 76]. L. V. Kuznetsov. Visnyk AVIA URSR no. 1:19-26 '61.
Precast prestressed concrete arch trusses with a span of 30 m. composed of linear elements. N. G. Gudenko. Trudy NIIZHB no. 16:116-140 '60.
Precast prestressed-concrete slabs for clerestory rims Biul. stroi tekh 18 no. 5 31-32 My '61
Precast prestressed concrete truss-plate beams with a span of 12 m. N. G. Gudenko. Trudy NIIZHB no. 16: 163-181 '60.
Precast prestressed purlins and crossbars. Biul stroi. tekh. 18 no 5 32-35 My '61
Prestressed-concrete segmented trusses. Biul stroi. tekh 18 no. 5 26-31 My '61.
Prestressed concrete truss-plate beams. N. G. Gudenko. Trudy NIIZHB no. 16:150-162 '60.
Prestressed trusses with a span of 24 m. for 12 m.

PRESTRESSED CONCRETE—TESTING

Dismountable stand for testing beams, wall panels, and girders. N. M. Sheinfel'd Bet i zhel.-bet no 3 135-136 Mr '61

Testing prestressed concrete trusses in a horizontal position. V. A. Bolikov. Trudy NIIZHB no. 16 141-149 '60.

PRESTRESSED CONCRETE CONSTRUCTION
(see also subdivision under Sverdlovsk Province, Timashevo)

Drozd, IA. I., and others. [Planning and building prestressed concrete bridges in White Russia] Opyt proektirovaniia i stroitel'stva zheleznobetonnykh predvaritel'no napriazhennykh mostov v Belorussii. Pod obshchei red IA. I. Drozda. Minsk, Redaktsionno-izdatel'skii otdel BPI im. V. I. Stalina, 1960. 281 p.

Precast and prestressed reinforced concrete elements of transportation structures K. V. Mokhortov Bet i zhel.-bet no 3:105-110 Mr '61

Prestressed spans for a city overpass I E TSimbarg Transp stroi 11 no 4 55-56 Ap '61

Prestressed two-ply attic floors Stroitel' no 4 28-29 Ap '61

Standardizing prestressed beams for road and city bridges IU M Mikhofanov Transp stroi 11 no 4 37-40 Ap '61

PREVENTION OF CRIME see Crime prevention

PRIBRAM, CZECHOSLOVAKIA—METEORITES

Base photographs of the Příbram meteoritic shower. Zdeněk Ceplecha. Meteoritika no. 20, 178-184 '61.

PRILUKI—JUSTICE, ADMINISTRATION OF

Work experience of a standing committee on socialist legality. H. Bokhonnyi. Rad. pravo no. 3:35-36 My-Je '61.

PRILUKI—TRADE UNIONS

Administrators ignore the workshop committee of the trade union. M. Kuliev Part zhizn' no. 13:59 Jl '61.

PRILUKI DISTRICT—RURAL LIBRARIES

We carry out the plan of servicing all the villages of our district. M. Dyrda, O. Klymenko. Sots. kul't. 14 no. 5 35-36 My '61

PRIMATES

Tissue structure of the aorta in primates [with summary in English] N. G. Khlopin Arkh anat. gist i embr 38 no. 3 17-27 Mr '60

PRIMERS

The first Russian primer for foreigners printed in 1690 A. V. Florovskii Trudy ODRL 17:482-494 '61

PRIMERS, UKRAINIAN

Hoviadovs'ka, N. O. [Primer] Bukvar. Vyd. 2., peror. Kyiv, "Radians'ka shkola," 1957. 94 p. (InU)

PRINTING see subdivision under Moscow

PRINTING—EXHIBITIONS

Books take a foot. Sov. pech. no. 6:46-47 Je '61.

Remarks concerning the exhibit. Poligr. proizv. no 4: 26 Ap '61

Second exhibit of type and ornamentation. S. B. Telingater. Poligr. proizv. no. 4:24-25 Ap '61.

PRINTING—HISTORY

A useful and interesting form of work with history teachers. M. A. Moldavs'ka Ukr. ist. zhur 5 no. 3: 154 My-Je '61

PRINTING—TECHNOLOGICAL INNOVATIONS

Exhibition of innovations in the printing industry. '60.

PRINTING INDUSTRY—TECHNOLOGICAL INNOVATIONS
(see also subdivision under Ukraine)

New developments in foreign printing Poligr proizv no 4 27-29 Ap '61

PRINTING MACHINERY AND SUPPLIES

ETR electric heat regulator. I. G. Vasil'ev, L. V Radievskii, I. N Shapovalov. Poligr proizv. no 4:15-16 Ap '61

Soviet printing industry deserves advanced equipment V. P. Simonov, G. E Shaposhnikov, T. I Novikova. Poligr proizv. no 4 7-8 Ap '61

PRINTING PRESS

Improving the MP machine. R. N. Utkin. Poligr. proizv no 4, 21 Ap '61

PRINTING PRESS—ATTACHMENTS

Counter on the MP machine E. N Malafeev Poligr proizv no. 4:21 Ap '61

PRIOZERSK—DELIVERY OF GOODS

They began to work better. S. Eidlina. Sov. potreb. koop. 4 no. 4:45 Ap '60.

PRIPET VALLEY—GEOLOGY, STRATIGRAPHIC

Quaternary sediments in the Pripet Polesye. A. A. Makkaveev. Vop. gidrogeol. i inzh. geol. no. 18: 110-133 '59.

PRISELKOV, MIKHAIL DMITRIEVICH, 1881-1941

In memory of M. D. Priselkov. Ist. SSSR 5 no. 3:236-237 My-Je '61.

PRIVET see subdivision under Azerbaijan

PROBABILITIES

Brodetskii, A. S., and V. L. Kan. [Brief manual on mathematical processing of measurement results] Kratkii spravochnik po matematicheskoi obrabotke rezul'tatov izmerenii. Moskva, Gos. izd-vo standartov, Moskva, 1960. 107 p.

Detection of spontaneous effects. A N Shiriaev Dokl AN SSSR 130 no. 4 799-801 Je '61

S N. Bernshtein's works on the theory of probability IU V Linnik Usp mat nauk 16 no 2:25-26 Mr-Ap '61

Some comments on random measures A V. Dkorokhod Visnyk Kyiv un Ser. astron., mat. ta mekh no 1 105-114 '58

PROBATION

The beginning of a biography Anatolii Bezuglov Sots. zakon 37 no 1 56-62 Ap '60.

Practice of people's courts in the imposition of suspended sentences A. Shpylevyi, I Serbiciev. Rad pravo no. 2. 105-107 Mr-Ap '60.

A review of the newspapers of the Union Republics. Sots. zakon 37 no 4 80 Ap '60.

Suspended sentences are the first stage of rehabilitation A. Chernov, V. Lebedeva. Sov. just. no. 1 61-62 Ap '60.

There still are some "Manilovs" around. IU. Mikhailov. Sots zakon. 37 no. 4:57 Ap '60

We shouldn't tolerate that V. Rudenko. Sov. just no 10 22 My '61

PROBLEM OF THREE BODIES

Structure of the resolvent of Schrödinger's operator for a system of three particles interacting in pairs. L D Faddeev Dokl. AN SSSR 138 no. 3:565-567 My '61.

PROBLEM OF TWO BODIES

Three-dimensional relativistic Schrödinger equation for the problem of two bodies. IU. A Gol'fand Dokl. AN SSSR 138 no. 2,331-333 My '61.

PRODUCE TRADE
(see also subdivision under Buzuluk District; Mozhga District)

Consumers' cooperative societies should organize the sale of agricultural surpluses. Z. Lekhova. Sov. torg. 34 no 5, 5-8 My '61.

Let's improve the organization of the procurement of agricultural products. Sov. potreb. koop 5 no. 5:8-10 My '61.

State purchases of agricultural products and their role in the development of collective farming. K. I. Mogil'nitskaia. Uch. zap. TGU no. 31:3-19 '59.

PRODUCTION CONTROL

Kobbasi, V. A. [Testing the production control in coal preparation plants] Oprobovanie i kontrol' na ugleobogatitel'nykh fabrikakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 166 p.

Reliability of spot tests and over-all control of production. P. P. Mesintsev. Izv. vys. uchob. zav.; prib. 3 no. 1:108-114 '60.

PRODUCTION STANDARDS

Establishing work norms for manual operations on the basis of performance norms. B. Chernyshev. Biul. nauch. inform.: trud i zar. plata 4 no. 5:68-74 '61.

Measuring labor mechanization standards accounting for its productivity. N Kaminskii, IA Kvasha Vest Stat. no. 5 46-54 '61

PRODUCTIVITY ACCOUNTING

Analysis of labor productivity. E Vorob'ev. Bukhg uchet 10 no 5 34-39 My '61

Problems of measuring labor productivity. P. Bagrii Vop ekon. no 5 157-159 My '61

PROFIT

Profit distribution and use in enterprises of local industry S Keifets Fin SSSR 22 no 5,73-76 My '61

Profits as stimulation for expanding production and a source of incentive funds P. Zhevtiak Fin SSSR 22 no 5,35-41 My '61

PROGESTERONE

Biosynthesis of corticosteroids in vitro with normal and denervated adrenal glands of dogs. N A Ulibina, IU. A Pankov Probl endok i gorm 7 no. 2 18-23 Mr-Ap '61

Improved method for producing 11-α-hydroxyprogesterone. A. S. Barmenkov and others. Med. prom. 15 no. 3. 39-40 Mr '61.

PROGNATHISM

Principal symptoms of prognathism and their manifestation during secondary dentition. L. B. Treimane. Stomatologiia 40 no. 2:61-65 Mr-Ap '61.

PROGRAMMING (ELECTRONIC COMPUTERS)

Experiment in traffic control in a railroad section with the aid of the "Ural-1" calculating machine. A P. Petrov and others Vest TsNII MPS 20 no 3,52-56 '61

Fairy tale about five bears. M. Breido. Tekh. mol. 29 no. 5:34-36 '61.

Programmed heating of metals. V. Kaganov. Nauka i zhizn' 27 no 1 65 Ap '60.

PROJECT METHOD IN TEACHING

Graduation projects as a means to improve the training of teachers in pedagogical institutes. N A Sorokin Sov pedag 25 no. 5, 79-88 My '61.

PROJECTILES, INCENDIARY

An amazing collection. Ed. Arenin. Zvezda no. 3: 166-167 Mr '61.

PROJECTIVE GEOMETRY see Geometry, Projective

PROJECTORS—TESTING

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 97-58 for checking projectors for watch parts] Instruktsiia 97-58 po poverke chasovykh proektorov. Izd. ofitsial'noe. Moskva, 1958. 31 p.

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 110-54 for checking BP-type projectors] Instruktsiia 110-54 po poverke proektov tipa BP. Izd. ofitsial'noe. Moskva, 1957. 31 p.

PROKOF'EV, ALEKSANDR ANDREEVICH, 1900-

"Invitation to travel" by Aleksandr Prokof'ev. Reviewed by A. Urban. Zvezda no. 3:210 Mr '61.

PROKOF'EV, SERGEI SERGEEVICH, 1891-1953

The artist in the theater of Prokof'ev. M. Pozharskaia. Sov. muz. 25 no. 6:130-135 Je '61.

An evening of Prokof'ev. A. Volkov. Sov. muz. 25 no. 6:152-153 Je '61.

Sergei Prokof'ev. M. Davidenko. V mire knig 1 no. 5: 34-35 My '61.

Story of a swan. Genrikh Neigauz. Isk. kino no. 6:115-117 Je '61.

PROKOF'EVA, KATERINA VASYLIVNA

Devoted to her work. Doshk. vykh. 22 no. 5 9 My '61.

PROLINE—SPECTRA

Application of infrared spectroscopy in the study of some crystalline dipeptides containing β-proline and glycine [with summary in English]. IU. N. Chirgadze and others. Zhur. fiz. khim. 35 no. 4,754-760 Ap '61.

PROPAGANDA

Groping in the dark. M. Kobrin. Mezhdunar. zhizn' 6 no. 6:62-71 Je '61.

This is prompted by life M. Shishigin, E. TSvetkov. Komsom. zhizn' no. 10:18-22 My '61.

PROPANE

Propane instead of acetylene. D. Chumachenko Rech. transp. 20 no. 3 46-47 Mr '61.

PROPAZINE

Propazine and its use in surgical practice. S. V. Aliaev. Akt. vop. obezbol. no. 2:161-165 '59.

PROPELLERS—CORROSION

Anticorrosive polyvinyl chloride coating of propeller shafts. N. Chernobrivtsev Rech transp. 19 no 3:58 Mr '60.

PROPENE

Catalytic polymerization of olefins Report No 13 Polymerization of isobutylene in the presence of some silica gel samples IA T Eidus, B K Nefedov Izv AN SSSR Otd khim nauk no. 5 891-901 My '61

Effect of the structure of titanium trichloride on the stereospecificity of complex catalysts Part 1: Effect of the conditions under which catalysts based on β-$TiCl_3$ + $Al(C_2H_5)_3$ were prepared upon their stereospecificity in the polymerization of propylene [with summary in English] A A Korotkov, Li TSzun-chan [Li Tsung-chiang] Vysokom. soed 4 no 5:686-690 My '61

Flow birefringence and viscosity in the system polyisobutylene - benzene in the vicinity of the critical solution temperature [with summary in English]. E. V. Frisman, Siui Mao [Hsu Mao]. Vysokom. soed. 3 no.2:285-289 F '61.

Mechanism of radiation polymerization. Part 1: Mechanism of gamma-ray induced carbonium polymerization of isobutylene and styrene [with summary in English] A P Sheinker, A D Abkin Vysokom soed 3 no 5: 716-723 My '61

Preparation of isotactic polybutylene. N. A. Pokatilo and others. Trudy Inst. nefti 11:58-64 '60.

Regroupment of radicals in the reactions of thiols with polychloropropenes R Kh. Freidlina and others Dokl AN SSSR 138 no.4,859-862 Je '61.

Vulcanization of polychloroprene latexes. Part 2: Sulfonation [with summary in English]. E. M. Spektor. Vysokom. soed. 3 no.2,255-261 F '61.

PROPERDIN

Mechanism of the lowering of the properdin level in the blood in acute radiation sickness I I Chertkov, Z. I Sheremet. Med. rad 6 no 3:30-35 '61

The properdin system A. P. Konikov, V. D. Gekker. Usp sovr. biol. 49 no 1:51-70 Ja-F '60

Role of the properdin system as a nonspecific resistance factor of the organism against the effect of ionizing radiations. P I Remezov, S D IAkovleva Med. rad. 6 no 3:35-39 '61.

PROPERTY

Popova, A. L. [Development of the concept of collective-farm property] Puti razvitiia kolkhoznoi sobstvennosti. [Tula] Tul'skoe knizhnoe izd-vo, 1960. 40 p. (V pomoshch' izuchaiushchim voprosy razvernutogo stroitel'stva kommunizma)

Property of some public-service organizations in the U. S. S. R. V. F. Vashchilin Biul SNO LGU no 7 56-66 '59

Take care of public property. F. Mikheev. Sov. potreb. koop. 4 no. 4:20-21 Ap '60.

PROPIONIBACTERIUM

Biosynthesis of vitamin B_{12} and porphyrins by a culture of propionic bacteria [with summary in English] G V Proniakova Biokhimiia 25 no 2 296-305 Mr-Ap '60

Effect of some trace elements on vitamin B_{12} production by propionic acid bacteria. L. I. Vorob'eva. Dokl. AN SSSR 138 no. 2:450-453 My '61.

PROPIONIC ACID

Synthesis of amides of substituted propionic and isobutyric acids. E. N. Zil'berman, S B Meiman, A E Klutkova. Zhur prikl. khim 33 no. 10:2375-2376 O '60.

PROPOLIS

Local anesthetizing characteristics of substances obtained from propolis. M. M. Prokopovych. Farmatsev. zhur. 15 no.1:51-52 '60.

PROPORTION (ART)

On four principles in forming a picture. Ars. Viasov. Iskusstvo 24 no 5:54-58 '61

PROPYLAMINE

Prevention of radiation sickness in mother and fetus in utero. A. P. Kiriushchenkov. Med. rad. 6 no 3.14-17 '61.

PROPYLENE OXIDE

Separate determination of ethylene oxide and propylene oxide present simultaneously by the use of polarography. N. N. Kosenko. Zav. lab. 27 no 5:542-544 '61.

PROSPECTING
(see also subdivision under Peiping)

Analyzing the pattern arrangement of a test area in a molybdenum deposit. A. S. Fil'ko, S. S. Tentilov. Razved. i okh. nedr 27 no. 2:27-32 F '61.

Consultation on the statutes of the Trade Union of Workers of Geological Prospecting Organizations. Razved. i okh. nedr 27 no. 4:55-57 Ap '61.

Improve the activity of the Scientific and Technical Society of Mining Engineers. M. V. Reznichenko. Razved. i okh. nedr 27 no. 3:48-49 Mr '61.

Improved prospecting for deposits has great national significance. Sov. geol. 4 no. 4:3-6 Ap '61.

In anticipation of the 22d Congress of the CPSU. Sov. geol. 4 no. 3:3-6 Mr '61.

Scientific and technical conference on prospecting methods. P. V. Vilunov. Razved. i okh. nedr 27 no 2 18-21 F '61.

Second Plenum of the Central Committee of the Trade Union of Workers of the Geological Prospecting Organizations. E S Krivenko, A I Smirnov Razved. i okh. nedr 27 no. 4:50-53 Ap '61

Suderkin, A. L. [Prospecting for deposits of optical fluorite; methodical guide] Poiski i razvedka mestorozhdenii opticheskogo fliuorita, metodicheskie ukazaniia. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1959. 37 p.

PROSPECTING—CONGRESSES

Scientific conference of the Moscow Geological Prospecting Institute. M F Mikunov and others Izv vys ucheb zav., geol i razv 3 no 12 109-120 D '60

Some results of the scientific technological conference on methods of prospecting for mineral deposits. S. F. Lugov, N. P. Budnikov, A. V. Tyzhnov. Sov. geol 4 no 4 149-157 Ap '61.

PROSPECTING—GEOPHYSICAL METHODS

Detection of geophysical anomalies against a background of intensive interferences. IU. B. Shaub. Izv. AN SSSR. Ser. geofiz. no. 6 898-904 Je '61.

General problems relative to the use of geophysical methods in prospecting for piezooptic quartz deposits. S N Kondrashev, IU N. Anufriev. Trudy VNIIP [MS] 3 no. 2,51-60 '60.

Geologist's weapons. L. Tisov. Znan. sila 36 no. 2:35-36 F '61.

Geophysical mineral prospecting methods. A. S. Shirokov. Razved i okh. nedr 27 no. 4:27-34 Ap '61.

Improve the quality of geophysical prospecting apparatus and equipment. A. M. Grimberg, Z. I. Ivanovskaia. Razved. i okh. nedr 27 no. 3.60-62 Mr '01.

Some features of the method of processing the results of geophysical research in direct prospecting for diamonds in the Yakut A. S. S. R. A. S. Vnrlamov and others Izv. vys ucheb zav., geol i razv 3 no 12 86-97 D '60

Study of relaxation phenomena. L. I. Piskunov. Izv. AN SSSR. Ser. geofiz. no. 6:905-909 Je '61.

PROSTATE GLAND—BLOOD SUPPLY

Arteries of the bladder and prostate gland under conditions of collateral circulation [with summary in English] M T Barochinskii. Arkh anat gist i embr. 39 no 4 11-13 Ap '60

Intraorgan arteries of the human prostate gland [with summary in English]. O. IU. Romenskii Arkh. anat gist. i embr. 39 no. 7 75-79 Jl '60

PROSTATE GLAND—CANCER

Two malignant tumors in different organs of a patient. A. A. Ratobyl'skii, N. A. Tishchenko. Zdrav. Belor. 6 no. 4:61-62 Ap '60.

PROSTATE GLAND—HYDATIDS

Case of echinococcus of the prostate gland. A. Kh. Khaidarov, G. Kh. Rafikov. Med. zhur. Uzb. no. 11:70 N '60.

PROSTHESIS
(see also subdivision under Astrakhan; Moscow, Saratov; Shakshino, Kalinin Province)

Artificial speech apparatus. G. Kuznetsov. Tekh. mol. 29 no. 5:32 '61.

Further improvement of service to pensioners in the R. S. F. S. R. Okhr. truda i sots. strakh. 4 no. 5:60-61 My '61.

Obturator for compensation of the functional insufficiency of the lips in paralysis of the facial nerve. E. IU. Sverdlov. Stomatologiia 40 no. 2:94 Mr-Ap '61.

PROTACTINIUM

State of protactinium in aqueous solutions. Part 4: Method of ion exchange. I. E. Starik, L. D. Sheldina, L. L. Il'menkova. Radiokhimiia 3 no. 2:150-154 '61.

PROTEASE

Effect of chlortetracycline on the proteolytic activity of the liver [with summary in English]. V. IA. Kudriavtseva. Antibiotiki 5 no. 2:58-60 Mr-Ap '60.

PROTECTIVE ATMOSPHERES

Semiautomatic welding of low-carbon sphere of carbon dioxide. E. D. Ku Svarka 2:203-213 '59.

PROTECTIVE COATINGS

Anticorrosive polyvinyl chloride coat shafts N. Chernobrivtsev. Rech Mr '60.

Devices for the automation of the application of lytic and chemical coatings. N. N. stroitel' no. 5:15-17 My '61.

Investigating the mechanism of the r the system nickel - sulfur. A. Bri T. Vorber. Fiz. met. i metalloved. My '61.

Latest in the anodization of aluminum dimensions. IU. IA. Budilovskii. A. prikl. khim. 34 no. 3:691-692 Mr

Mechanization and automation of processes for applying anti-corrosive coatings in the machinery industry. N. N. Kovalskii Mashinostroitel' no 5 12-14 My '61.

New methods for protective and decorative coating of sheet metal. L. K. Aleksandrova, E. A. Sheet. Mashinostroitel' no 5 43-44 My '61

New protective coatings of synthetic rubber. A. L. Labutin Mashinostroitel' no. 5 38-40 My '61

Properties of polyethylene coatings obtained by the flame-spraying method I. P. Losev, V A Shishkin Khim. mash no. 3 26-28 My-Je '60.

Protective and decorative coatings for aluminum. M P. Gracheva, A M. Ginberg Mashinostroitel' no. 5 42 My '61.

Protective and decorative coatings for aluminum and its alloys. B. IA. Temkina. Mashinostroitel' no. 5:30-34 My '61

Rubrax insulation for protecting pipelines from underground corrosion (Ozek-Suat - Groznyy oil pipeline). A. A. Kozlovskaya, N. S. Volchkova Stroi. truboprov. 6 no. 2.14-15 F '61.

Trufanova, A. I., Reznik, M. B. [Extending the life of metals] Prodlenie zhizni metalla [Tula] Tul'skoe knizhnoe izd-vo, 1960. 110 p.

Weather resistance of varnish coatings. S. N. Kazarinovskii, G. M. Skalina. Trudy TSNII MPS no 208:25-65 '61.

PROTECTIVE COATINGS—BIBLIOGRAPHY see Bibliography—Protective coatings

PROTECTIVE COATINGS—EQUIPMENT AND SUPPLIES

Modern equipment for the application of protective coatings. B. S. Brunk. IA V. Vainer Mashinostroitel' no. 5, 21-27 My '61.

PROTECTIVE COATINGS—PATENTS

Equipment for the continuous hot zinc coating of pipes. Stal' 21 no. 5 439 My '61.

PROTEIN METABOLISM

Changes in the intensity of protein synthesis in the myocardium during compensatory hyperfunction of the heart [with summary in English] F. Z. Meerson, T. L. Zalets. Biul. eksp. biol. i med. 50 no. 7.33-36 Jl '60.

Influence of parasympathetic denervation on protein metabolism of the submaxillary salivary glands in the cat [with summary in English]. G. V. Chernysheva. Biul. eksp. biol. i med. 50 no. 10:67-73 O '60.

Influence of vitamins B_{12} and B_6 on protein metabolism in the hard tissues of the tooth and bones in rats. Liu Din'-sin' [Liu Tin-hsin]. Stomatologiia 40 no. 1 17-20 Ja-F '61.

Role of ribonucleic acids in protein synthesis F. B Shtraub. Vop med khim 6 no. 2 115-120 Mr-Ap '60

PROTEINASE

Single-step polarographic wave of the proteinase of B. subtilis [with summary in English] I D Ivanov Biokhimiia 25 no 2 211-218 Mr-Ap '60

PROTEINS

Biochemical evolution of angiosperms [with summary in English]. A. V. Blagoveshchenskii. Bot. zhur 45 no. 4:480-491 Ap '60

Chromatography of proteins on a calcium phosphate gel [with summary in English]. E. S. Zueva, L. S. Markosian, N. I. Proskuriakov. Biokhimiia 26 no. 2: 209-211 Mr-Ap '61.

Correlation between the active concentration of labeled amino acids by cells and their inclusion in the proteins of tumors and normal tissues of experimental animals in vitro [with summary in English]. K. A. Perevoshchikova. Biul. eksp. biol. i med. 49 no. 2:73-77 F '60.

Crystalline proteins in certain bacteria of the enteric group. T. O. Halkina. Mikrobiol. zhur. 23 no. 1:35-38 '61.

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P

PROTEINS (Continued)

Effect of the geographical factor on the protein content and composition of pulse seeds M I Smirnova-Ivonnikova, E P Veselova Biokhim zerna no 5 228-247 '60

Enzyme activity of water soluble proteins of the wheat germ N. I Proskuriakov, I V Rodionova Biokhim zerna no 5 108-120 '60

Experiments in physiological evaluation of food rations. V. I. Patrushev and others. Uch. zap. UrGU no. 31: 3-26 '59.

Fractionation of proteins of the skin. Kh. Kurbanov. Zdrav Turk 3 no 2:6-9 Mr-Ap '61

Method for the detection of α-acylamidocarboxyl protein groups L M Gershtein, I V TSvetkova TSitologiia 2 no 2 201-207 Mr-Ap '60

Nature of the polarographic wave branching of a protein in cobalt salt solutions S G Mairanovskii, E F Mairanovskaia Izv AN SSSR Otd khim nauk no 5: 922-924 My '61

New data on the structure of plant proteins M S Reznichenko Biokhim zerna no 5 163-169 '60

Oxidation-reduction in the interaction between iron compounds and proteins, and causes of the instability of iron-tanned leather M L Derbaremdiker Zhur prikl. khim 33 no 10 2350-2356 O '60

Proteins . out of air and coal. I. Vol'per Znan. ta pratsia no. 2 13-14 F '61

Role of adsorption in the generation of the polarographic wave of proteins. I D. Ivanov Dokl AN SSSR 138 no. 4:952-954 Je '61.

Role of the glomeruli and tubules in the mechanism of proteinuria [with summary in English] M F Undritsov. Fiziol zhur 46 no 2 224-229 F '60

Significance of protein substances in vital activities of some anaerobes [with summary in English]. V E. Kondrat'eva, V N Shvedova Mikrobiologiia 30 no 1 21-26 Ja-F '61.

Significance of proteins for the infectivity of bacteriophages treated with urea [with summary in English] I A. Bass and others Biokhimiia 25 no 2 360-367 Mr-Ap '60

Structural proteins of smooth muscles in warm-blooded animals [with summary in English] V V Oppel', T P. Serebrenikova. Biokhimiia 25 no. 6 1035-1042 N-D '60

PROTEINS IN THE BODY

Amide and carboxyl groups of brain proteins in oxygen intoxication [with summary in English]. Z S Gershenovich, A. A Kitchevskaia Biokhimiia 25 no 2 310-317 Mr-Ap '60.

Chemical composition of the anchovy of the Sea of Azov during the prespawning, spawning, and premigration periods of its yearly life cycle. Report No. 2. G. E. Shul'man. Vop. ikht. no. 17:92-109 '61.

Quantitative interrelationship between protein and nucleoprotein fractions in cell nuclei of various tissues [with summary in English] G P. Georgiev, L P. Ermolaeva, I B. Zbarskii Biokhimiia 25 no. 2:318-322 Mr-Ap '60.

PROTEUS

Gelatinase activity of Proteus vulgaris. IE. M. Hubariev, T. S. Zastavna Mikrobiol. zhur. 23 no. 1 39-45 '61.

PROTHROMBIN

Prothrombin function of the liver in lead intoxication. M. K. Kairakbaev. Trudy Inst. kraev. pat. AN Kazakh. SSR 8:187-192 '60.

PROTONS

Channel for 2.8 Bev/c momentum antiprotons [with summary in English] N. M. Virtasov and others. Zhur. eksp. i teor. fiz. 38 no. 2.445-448 F '60.

Fragmentation of Ag and Br nuclei by 9 Bev protons [with summary in English]. N. A Perfilov and others. Zhur. eksp. i teor. fiz. 38 no. 2:345-350 F '60.

p + d → t + π^+ reaction in 670 Mev. protons. IU. K. Akimov, O. V. Savchenko, L. M. Soroko. Zhur. eksp. i teor. fiz. 38 no. 2:643-644 F '60.

Production of charged π-mesons in the interactionbetween 9 Bev. protons and photographic emulsion nuclei [with summary in English]. N. P. Bogachev and others. Zhur. eksp. i teor. fiz. 38 no. 2:432-440 F '60.

PROTOPLASM

Valuable research on the theory of excitation ("Local protoplasmic reaction and spreading of excitation" by D. N. Nasonov. Reviewed by N. V. Golikov). Vest. LGU 16 no. 9:149-155 '61.

PROTOZOA

Evolution of death in connection with the evolution of reproduction [with summary in German]. A. M. Lunis. Zhur. ob. biol. 22 no. 2:95-99 Mr-Ap '61.

Materials on the thermostability of cysts of parasitic protozoa of amphibia. K. M. Sukhanova. TSitologiia 2 no. 2:219-226 Mr-Ap '60

New species of coccidia from the water vole Arvicola terrestris L. [In Azerbaijani with summary in Russian]. M. A. Musaev, A. M. Veisov. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 1:51-61 '60.

PROVAL BAY—SEDIMENTS (GEOLOGY)

Composition and formation of bottom sediments in Proval Bay [with summary in English] G A Kazankina. Geol. i geofiz. no. 1 48-60 '61

PROVERBS, CHEREMISS

Ibatov, S. I., comp. [Marli proverbs, sayings, and riddles] Marliskie poslovitsy, pogovorki, zagadki. Ioshkar-Ola, Marliskoe knizhnoe izd-vo, 1960. 182 p.

PROVERBS, KOREAN

Korean proverbs and sayings. Lim Su Uch zap. LGU no 291-147-162 '61

PROVERBS, UKRAINIAN

[Folk wisdom; Ukrainian proverbs and sayings] Mudrist" narodna, ukrains'ki prysliviia ta prykazky. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1959. 110 p.

PRUDKI—CITY PLANNING

The village of Prudki will be an urban-style town. M. Shulenin. Sel'. stroi. 15 no. 2:24-25 F '61.

PRURITUS

Therapeutic effect of hexonium in pruritic dermatoses G G Sizov, M B Shtark Vest derm i ven 35 no 1 62-64 Ap '61

PRUSSIA—FOREIGN RELATIONS—RUSSIA

How Russian diplomats struggled against Prussian aggression in the 1840's A. M Andabatskaia Uch zap SGU 66 116-163 '58

PRUZHANY DISTRICT—BOARDING SCHOOLS

We inculcate the habits of agricultural work K Pilipiuk. Nar asv. no. 2:23-30 I '61

PRYAZHA DISTRICT—SOCIAL GROUP WORK

Well-organized cultural and educational work in a logging camp. A. Aleksandrov, N. Chunakov. Sov. deput. trud. no. 6:78-81 Je '61.

PRZHETSLAVSKAIA, ELENA IVANOVNA, 1861-

Letters written by A. M. Gor'kii to E. I. Przhetslavskaia. Moskva 4 no. 3 206 '60.

Works of the artist E. I. Przhetslavskaia. Moskva 4 no. 3:205 '60.

PSEUDOMONAS

Role of micro-organisms in reductive processes in soil. Part 2. Iron reduction by a pure culture of Pseudomonas trahicida V. I. Duba, L. V Kalakutskii Nauch dokl vys. shkoly, biol nauki no 2:198-201 '61

PSEUDOMONAS LACHRYMANS see subdivision under Khachmas District

PSKOV—SCHOOL CHILDREN—FOOD

Hot lunches must be hot. R. Matveeva. Obshchestv. pit. no. 5:16 My '61.

PSKOV PROVINCE—BEDSTRAW

Distribution of the bedstraw Galium vernum Scop. in Pskov Province [with summary in English]. N. A. Minaev Vest. LGU 16 no. 9:136-140 '61.

PSKOV PROVINCE—BOTANICAL RESEARCH

Investigation of the flora of Pskov Province. N. A. Minaev, V. M Shmidt. Vest. LGU 16 no. 9:157-159 '61.

PSKOV PROVINCE—MIDWIVES

Work of the senior district midwife in Pskov Province. L. A. Pastukhova. Fel'd. i akush. 26 no. 5:40-42 My '61.

PSKOV PROVINCE—STOMATOLOGY

Pskov Province Conference of Stomatologists and Dentists on Research and Practice. K. A Petrov. Stomatologiia 40 no. 1 109-110 Ja-F '61.

PSORIASIS

Histomorphological changes in the skin and its neuroreceptor apparatus in patients with psoriasis treated with antipsoriaticum and psoriasin L. I Sych Vest. derm i ven 35 no 4:29-33 Ap '61.

Therapeutic problems in osteoarticular lesions in psoriasis G. Kh. Kogon. Vest. derm. i ven 35 no. 4:56-59 Ap '61.

PSYCHIATRY

Account of a conference in honor of the 100th anniversary of the Department of Psychiatry at the S. M. Kirov Academy of Military Medicine. E. S. Ivanov. Vop psikh. i nevr. no. 5:277-281 '59.

Account of a conference on the 50th anniversary of the founding of the V. M. Bekhterev Psychoneurological Institute. I. V. Bokii. Vop. psikh. i nevr. no. 5:282-290 '59

Plenary sessions of the Leningrad Society of Psychiatrists and Neuropathologists in the first half of 1959. S. I. Kogan. Vop. psikh i nevr. no. 5 291-295 '59.

Psychosomatic medicine and psychiatry. V. M. Morozov. Zhur. nevr. i psikh. 60 no 11:1536-1544 '60.

PSYCHIATRY—CONGRESSES

Report on the Third International Congress of Psychiatrists Zhur. nevr. i psikh 60 no. 3.383 '60.

PSYCHOLOGICAL APPARATUS

Chamber for the production of conditioned defense reflexes in small laboratory animals K. V Labedev. Zhur. vys. nerv. deiat. 11 no. 1 190-192 Ja-F '61.

"Reflexometer" IU. Verkhalo. IUn. tekh 5 no. 1:9 Ja '61.

PSYCHOLOGICAL SOCIETIES see subdivision under Leningrad, Uzbekistan

PSYCHOLOGY see subdivision under China

PSYCHOLOGY, INDUSTRIAL

Industrial psychology laboratory at Leningrad State University. B F. Lomov. Vop psikhol. 6 no 3 199 My-Je '60.

PSYCHOLOGY, MILITARY

The expectations of the reader have not been justified N. Vladimichev. Voen. vest. 40 no. 10 122-123 O '60.

"Psychology; studies on the education and training of Soviet soldiers" by G D. Lukov Reviewed by M Korobelnikov, V. Ofitserov, V. Rubakhin Voen vest 40 no 10 121-122 O '60.

PSYCHOPHARMACOLOGY

Diethylamide of lysergic acid in psychiatry (from "Annales medico-psychologiques," no. 3, 1960) Zhur nevr i psikh 60 no 11:1548-1551 '60

PSYCHOSES

Acute psychosis in the postoperative period. IA. M. Moskovich. Zdrav. Belor. 6 no. 4:66 Ap '60.

Mental and physical condition of women in the postnatal period and postnatal psychoses I. E Averbukh Vop psikh i nevr no. 5:193-201 '59

Pathogenesis of postnatal psychoses. L. V. Finkel'shtein. Ped., akush. i gin. 22 no. 4:52-53 '60.

Psychoses of puerperal and lactation periods I. T Ivanova Zhur nevr i psikh 60 no 3:343-347 '60

Review of foreign literature on manic-depressive and other affective psychoses E. IA Shternberg. Zhur nevr. i psikh 60 no. 3 354-360 '60

Role of psychogenic factors in the rise of some psychoses with an infectious etiology. A. S. Chistovich Vop. psikh. i nevr. no. 5 43-51 '59

Some data on the problem of psychoses in Basedow's disease [with summary in French] IA. A. Al'tman, F. A. Aizenshtein Zhur nevr. i psikh 60 no 3 334-342 '60.

Some peculiarities in clinical aspects of so-called polyetiological psychoses having a protracted course V. M Shamanina. Vop psikh. i nevr no. 5:186-192 '59

Stationary and dynamic disorders of higher nervous activity in the interparoxysmal period of epileptic dementia [with summary in French]. V. L Doglin Zhur nevr i psikh. 60 no 11.1494-1499 '60

"Treating psychoses through the effect of the environment" by C Skoda, R. Skodová-Somogyiová. Reviewed by V. G Levit. Zhur. nevr. i psikh. 60 no 11:1547-1548 '60

Treatment of affective intermittent psychoses and an attempt at grouping them clinically. Report no. 2. T. IA Khvilivitskii Vop. psikh i nevr. no 5:214-232 '59.

PSYCHOSOMATIC MEDICINE see Medicine, Psychosomatic

PUBLIC BUILDINGS

(see also subdivision under Kant)

Community facilities in a microdistrict N. Vavirovskii, V. Kulaga Arkhit SSSR no. 4:9-16 '61.

PUBLIC HEALTH

(see also subdivision under Chuvashia; Czechoslovakia; Karachaevsk District, Karachai Autonomous Province, Kazakhstan; Luninets District; Magadan Province; Nagorno-Karabakh Autonomous Province; Nakhichevan A. S. S. R.; Siberia; Tula Province; Ukraine)

All-Union Conference on Organization and Methodology in Planning and Constructing Towns and Villages, Housing and Public Buildings. A S. Perotskaia Gig i san. 25 no. 3:109-112 Mr '60.

The bacilli of imperialism ("Imperialism and the deterioration of the workers' health" by A. N. Rubakin. Reviewed by I. Geevskii). Novyi mir 36 no. 6:273-274 My '60.

Editorial. Sov zdrav 20 no. 1:3-9 '61

Editorial. Sov. zdrav. 20 no. 2:3-6 '61

Great concern for the public health. Antibiotiki 5 no. 2: 3-4 Mr-Ap '60.

In the name of our people's health. Oft. zhur. 15 no. 3: 131-133 '60.

Measures for the further improvement of medical care and health protection in the U. S. S. R. Fel'd. i akush. 25 no. 4:8-15 Ap '60.

"Organization of the public health system" by K. V. Maistrakh. Reviewed by S. IA. Freidlin. Fel'd. i akush. 25 no. 4:60-61 Ap '60.

Raise the Soviet public health system to a higher stage. Fel'd. i akush. 25 no. 4:15-17 Ap '60.

PUBLIC HEALTH (Continued)

Results and tasks in the field of the history of medicine and public health Sov zdrav 20 no 1 3-8 '61

"Selected works" by A A Kisel' Reviewed by B D Petrov Sov zdrav 20 no 5 80-81 '61

V. I. Lenin and health protection for workers in the U.S.S.R. I.E. Kurpov. Fel'd i akush. 25 no.4: 3-7 Ap '60.

V I Lenin and the development of the socialist theory of public health E D Ashurkov, A B Shevelev. Vest AMN SSSR 15 no 1 11-17 '60

Year of great achievements. M.A Guberniev, L.I. Torbochkina, N S.Bondareva Antibiotiki 6 no.1 3-4 Ja '61.

Z P Solov'ev in the period of the first Russian revolution G N. Perfil'ev Sov zdrav 20 no 1 50-55 '61

PUBLIC HEALTH—BIBLIOGRAPHY see Bibliography—Public health

PUBLIC HEALTH—CONGRESSES

At the World Health Assembly Antibiotiki 6 no 3 195 Mr '61

Second Congress of Hygienists and Sanitary Physicians of the Georgian S. S. R Sov zdrav 20 no 2 91 '61

PUBLIC HEALTH—PERIODICALS see subdivision under Hungary

PUBLIC HEALTH—STATISTICS

"Problems in demographic and public health statistics" by S A Novosel'skii Reviewed by V. F. Ivanov Gig. i san 25 no. 3 117 Mr '60

"Public health and demographic statistics for foreign countries." Reviewed by Z.G. Frenkel'. Gig. i san 25 no 7 113 Jl '60

"Public health in the U S. S. R., statistical handbook." Reviewed by G. F. TSelkovnyi Sov zdrav 20 no 1 78-81 '61.

PUBLIC HEALTH, RURAL

Current status and problems of health education among the rural population [with summary in English] F I Zborovskaia, M E Zinger Sov zdrav 20 no 2 36-41 '61

Medical care of the rural population in diseases of the ear, nose, and throat L. B Blekher. Sov zdrav 20 no 1 43-46 '61

PUBLIC HEALTH RESEARCH

Results of the All-Russian Conference on Research Topic Planning. P.A.Vavilin. Gig.i san. 25 no 7 105 Jl '60

PUBLIC HEALTH SOCIETIES see subdivision under Gorkiy Province; Vinnitsa Province

PUBLIC OPINION see subdivision under United States; Vienna

PUBLIC PROSECUTORS

(see also subdivision under Khabarovsk Territory; Vietnam, North)

Conferences for studying the work methods Efimenko. Sots. zakon. 37 no.4 66-67 Ap '60

From your letters. Sov. iust. no. 11;31 Je '61.

How the public prosecutors of the U. S. S. R supervise the observance of laws Sots zakon. 37 no 4:85-89 Ap '60.

How the public prosecutors of the U.S.S.R. supervise the observance of laws. Sots.zakon. 38 no.6 88-90 Je '61.

Lay prosecutors and defenders in the past. L. Golubeva. Sov iust. no.4;18-21 Ap '60.

PUBLIC RELATIONS see subdivision under United States

PUBLIC SPEAKING

Art of speaking IUn.tekh. 5 no 1;60 Ja '61.

PUBLISHERS AND PUBLISHING

(see also subdivision under Kazakhstan)

Our common cause. A. Gol'din. V mire knig 1 no.3: 38 Mr '61.

Vast and interesting world. V. Somov. V mire knig 1 no.2 2-3 F '61.

What we expect from publishers. B. Egorov. V mire knig 1 no.1:20-21 Ja '61.

What we expect from the State Publishing House of the Fine Arts. M. Vorob'ev Sov. knizh torg. 13 no 4 26-27 Ap '61.

Where have they put the kittens? V. Kokorin. Sov. knizh. torg. 13 no. 4:27-28 Ap '61

PUDOZH—DEPARTMENT STORES

Progressive district department store in Karelia. V. Siunev. Sov. potreb. koop. 5 no. 5;36 My '61.

PUERPERIUM

Psychoses of puerperal and lactation periods. L. T. Ivanova. Zhur. nevr. i psikh 60 no. 3 343-347 '60.

PUFFBALLS

A 5, 6-kilogram species of Calvatia (giant puffball). L. S. Roktanen. Bot. zhur. 45 no. 4.612 Ap '60.

PUGACHEV DISTRICT—WHOLESALE TRADE

The councils justified themselves B. Rozenfeld. Sov potreb koop 5 no 5:31-35 My '61

PUJMANOVÁ, MARIE (HENNEROVA), 1893-

Bornshtein, I. A. [The career of Marie Pujmanová] Tvorcheskii put' Marii Puimanovoi. Moskva, Izd-vo Akad. nauk SSSR, 1961. 261 p.

PUKHOVICHI DISTRICT—CHILDREN'S MUSEUMS

Our museum. V. Arlou. Nar. asv. no. 4 26-32 Ap '61.

PULLEYS

Conversion of pile-driver pulleys to rolling friction bearings I P. Mitus, V V Filin Gor zhur no 3 19-21 Mr '60

Strain on ropes of irregular strands during winding on a pulley M F Glushchko, IU E Pochtovenko, V F Volokonskii Izv vys. ucheb zav., gor zhur no 2 151-157 '60

PULMONARY ARTERY

Mode of action of acetylcholine on the pulmonary blood circulation [with summary in English]. A I. Khomaziuk, A. A Mothenko Biul. eksp. biol. i med. 51 no 2 3-9 F '61.

PULMONARY EDEMA

Effect of the functional state of the central nervous system on the development of toxic edema of the lungs and pleurisy [with summary in English]. M. M. Desnitskaia Biul. eksp. biol i med. 51 no. 2 27-32 F '61.

PULMONARY EMPHYSEMA see Emphysema, Pulmonary

PULSE TECHNIQUES (ELECTRONICS)

The AM-1 device for checking the amplitude of balance wheel oscillations in wrist watches. D. I Roitenburg, N. M. Smirnov. Priborostroenie no 5:22-23 My '61.

Application of the theory of Brownian movement in the investigation of interference rejection of radio pulse servo systems A M Vasil'ev Nauch dokl vys shkoly, radiotekh i elektron no 2 3-13 '59

Consideration of inertial properties of transistor diodes in calculating pulse systems. I. E Pashukanis Nauch dokl vys shkoly, radiotekh i elektron no 2 286-291 '59

Experience in developing an audio frequency pulse power amplifier V. V. Malanov, K P Polov, V A Belov Izv. vys ucheb zav., radiotekh 4 no 2:204-207 Mr-Ap '61.

Exponential tuned radio pulse amplifier. V. M Volkov, B. P Khizhinskii Izv vys ucheb. zav., radiotekh. 4 no. 2:165-174 Mr-Ap '61.

Frequency characteristics of comb filters. N. I. Ignat'ev Nauch. dokl vys shkoly, radiotekh i elektron no 2 210-224 '59

Incoherent storage with an exponential weight function IU. S. Lezin Izv vys ucheb zav., radiotekh. 4 no 2, 148-151 Mr-Ap '61.

Pulse generator with nonlinear feedback. I. S. Bartenev, Izv vys. ucheb zav.; radiotekh 4 no 2,222-225 Mr-Ap '61

Recording meter for measuring the energy of single microsecond pulses. L. B. Leont'ev, V. I. Magda, S. M. Fertik. Izv. vys. ucheb. zav.; prib. 3 no. 1:26-34 '60.

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 218-57 for checking IMM-2 low-power measuring devices] Instruksiia 218-57 po poverke izmeritelei maloi moshchnosti tipa IMM-2. Izd. ofitsial'noe. Moskva, 1957. 10 p.

Stability of a push-pull magnetic shift register. A. K. Romanov. Nauch dokl. vys shkoly, radiotekh i elektron no. 2 303-310 '59.

Synthesis of pulse shape correcting networks in tube-type pulse modulators. P N Matkhanov Nauch dokl vys shkoly, radiotekh. i elektron no. 2 109-116 '59

Theory of the reactance method for measuring dielectric losses. M. S. Mikitinskii, Izm. tekh. no. 5:40-42 My '61.

Using electronic pulse meters in measuring equipment. R. A. Valitov, G P Vikhov, V Z. Naiderov Izm. tekh. no. 5.41-14 My '60.

Using super-high frequency radio waves in measuring vibrations and linear displacements. K. K Namitokov, V. F. Chepura. Izm tekh no. 5:20-21 My '60.

Using the beat-frequency method for obtaining a given angle of the inter-voltage phase shift. E. D. Koltik. Izm. tekh. no. 6:36-38 Je '61.

PUL'VA DISTRICT—COOPERATIVE SOCIETIES

The main task. M. Vaasa. Sov. potreb. koop. 5 no. 2:11 My '61

PULVERIZED COAL see Coal, Pulverized

PUMPING MACHINERY

Appliances for repumping corrosive liquids. P. Evgen'ev. Okhr. truda i sots. strakh. 4 no. 5:47-48 My '61.

Determining conditions for the most efficient operation of irrigation pumps. V. A. Baranov. Trudy SANIIRI 93:39-67 '58.

Eliminating air suction through packing in centrifugal pumps. V. I. Bunko. Kosn. i ov. prom. 16 no. 5 15 My '61.

Higher efficiency, better quality N Sharov. Pozh delo 7 no 5 27 My '61

Investigating the elbow and the conical bell mouth as water meters in the PG35M and PG35K2 pumps of the Central Asia Scientific Research Institute of Irrigation M I Shchegolova Trudy SANIIRI no 106 47-59 '60

Make use of these devices I Shchegolev IUn tekh 5 no 1-71 Ja '61

Mounted pumping machinery for rural areas. A Orlov Pozh. delo 7 no. 5 25-26 My '61

Pump for transferring a high concentration pulp. E. IA. Dubrovskii. Bum. prom 35 no. 4:14-15 Ap '61.

Pumping machinery for tanning shops. S. P. Shatalkin, V. S Il'chenko. Kozh. obuv. prom. 2 no. 3 32-34 Mr '60

Pumps without reverse valves on suction pipes P. I Girlavenko Sakh prom 35 no 5 31 My '61

Suction apparatus for the ATs-30(M-205) motor tank truck. N Shcheko Pozh. delo 7 no 3 25 Mr '61

PUMPING MACHINERY—ELECTRIC DRIVING

Study of the synchronous electric drive of a superhigh-pressure feed pump O V Livanova Elek sta. 32 no 5 45-51 My '61

PUMPING MACHINERY, ELECTRIC

Intermediate selection in a multiple-stage pump. G. D. Bukhman. Energetik 9 no 5:20-21 My '61.

PUMPING STATIONS

Malishevskii, N. G., and others. [Water-supply and sewerage pumps and pumping stations] Vodoprovodnye i kanalizatsionnye nasosy i nasosnye stantsii. Pod red N. G. Malishevskogo. Khar'kov, Izd-vo Khar'kovskogo gos. univ im. A. M. Gor'kogo, 1960. 394 p

PUNISHMENT

In the presidiums of the Supreme Soviets of the U S. S. R. and the R S F S R Sov iust no 11,25-26 Je '61

We must severly punish incorrigible criminals S Bakshcev Sov. iust. no 11:20-21 Je '61

PUNJAB, INDIA (STATE)—DESCRIPTION AND TRAVEL

Travels in the Punjab. Il'ia Suchkov. Nov. vrem. 19 no.21,21-24 My '61.

PUPIL (EYE)

Specific orientation and protective reactions of the pupil A IA. Samoilov, A. R Shakhnovich. Vest. AMN SSSR 14 no 1 36-44 '59.

PUPPETS AND PUPPET PLAYS

"Father of Russian puppets." L. Golovnia, R. Bazurin. Teatr 22 no. 5 162-163 My '61.

"Kolobok" celebrates its 10th anniversary. L. Birchanskaia. Ogonek 39 no 22 24 My '61.

PURIFICATION OF WATER see Water—Purification

PURINE METABOLISM

Changes in the purine metabolism of man and animals under conditions prevailing in molybdenum biogeochemical provinces [with summary in English] V V Koval'skii, G A IArovaia, D M Shmavonian Zhur. ob biol 22 no 3,179-191 My-Je '61

PURINES

Purine bases and their role in bacterial metabolism. K. L. Ruban. Mikrobiologiia 30 no. 1,173-180 Ja-F '61.

PURPURA (PATHOLOGY)

Case of double invagination of the intestine in the abdominal form of Schoenlein-Henoch disease. I. IU. Ibadov. Med. zhur. Uzb. no. 4:51-52 Ap '61.

PUS see Suppuration

PUSHKIN, ALEKSANDR SERGEEVICH, 1799-1837

Essential corrections and the arbitrariness of an editor. A. I. Korchagin. Izv. AN SSSR Otd. lit i iaz. 19 no. 1 41-45 Ja-F '60.

IAvorskii, G. I. [Pushkin, the historian; Russian history in the works of A. S. Pushkin] Pushkin istorik; otechestvennaia istoriia v proizvedeniiakh A. S. Pushkina. Abakan, Khakasskoe knizhnoe izd-vo, 1959. 35 p. (K 160-letiiu so dnia rozhdeniia A. S. Pushkina) (MH)

Intonation of conversational speech in drama; on one scene of Pushkin's "Boris Godunov" R A. Budagov. Uch. zap LGU no 299:53-57 '61.

Passive constructions in A. S. Pushkin's tale "Dubrovskii", an analysis of its style. M. A Borodina. Uch. zap. LGU no. 299;16-52 '61

Pushkin for the millions. D. Blagoi. V mire knig 1 no. 2;30-31 F '61.

Pushkin on Peter I. B. B. Kafengauz. Ist. SSSR 5 no. 3;150-160 My-Je '61.

PUSHKIN, ALEKSANDR SERGEEVICH, 1799-1837—MUSEUMS, RELICS, ETC.

A rare collection. Moskva 5 no. 4:201 '61.

PYATIGORSK—AGRICULTURAL MACHINERY INDUSTRY

Machinery makers help collective farms. L. Ushnovich. Mashinostroitel' no.5 6 My '61

PYATIGORSK—MINERAL WATERS

Influence of Pyatigorsk random water on the secretory activity of the stomach in relation to periods of food ingestion. IU K Vasilenko Vop kur , fizioter i lech fiz kul't 26 no 1 9-13 '61

PYCNOGONIDA see subdivision under Pacific Ocean

PYRAZOLE

Formation of substituted pyrazoles in the reaction of sydnones with α,β-unsaturated nitriles V F Vasil'eva, V G IAshunskii, M N Shchukina Zhur ob khim 31 no 5 1501-1504 My '61

PYRIDINE

Conditions for the synthesis of 2-methyl-5-vinylpyridine. M I Farberov and others. Zhur. prikl. khim. 34 no. 3 632-640 Mr '61.

Effect of the structure of compounds on the kinetics and direction of their catalytic hydrogenation Part 1 Conjugation energy and the kinetics of hydrogenation of benzene, pyridine, and pyrrole A A Balandin, M L Khidekel', V V. Patrikeev Zhur ob khim 31 no 5 1416-1423 My '61

Nitration products of α- and α'-aminonicotines IA. I. Gol'dfarb, I V. Antik, V A Petukhov Izv. AN SSSR Otd khim nauk no 5:887-894 My '61

Sound velocity and the compressibility of aqueous solutions of pyridine [with summary in English] Fen Zhou [Feng Jou] Vest LGU 16 no 10 64-69 '61

PYRIDINEACETIC ACID

2-(β- and γ-pyridyl)-Δ^2-thiazolines Part 5 Synthesis of esters of 2-thiazolyl-Δ^2-phenyl- and pyridylacetic acids A Banashek, M. N. Shchukina Zhur ob khim. 31 no 5 1488-1492 My '61

PYRIDONECARBOXYLIC ACID

Antituberculosis agents Report No. 9: Synthesis of derivatives of 1-amino-3-oxy-4-pyridone-5-carboxylic acid. dV. S. Volkova, M I Goriaev. Vest AN Kazakh SSR 17 no. 4:38-42 Ap '61.

PYRIDOXINE

Influence of treatment with cycloserine on vitamin B_6 and nicotinic acid metabolism [with summary in French]. V. D. Gol'dshtein. Probl. tub. 38 no.3: 46-52 '60.

Influence of vitamins B_{12} and B_6 on protein metabolism in the hard tissues of the tooth and bones in rats. Liu Din'-sin' [Liu Tin-hsin]. Stomatologiia 40 no.1 17-20 Ja-F '61.

Significance of vitamin B_6 in the normal activity of the cerebral cortex [with summary in English]. S. A. Kosenko. Zhur. vys. nerv. deiat. 10 no. 2:291-296 Mr-Ap '60.

PYRIMIDINE

Effect of sarcolysin and dopan on the biosynthesis of pyrimidines of nucleic acid in transplanted tumors and tissues of the recipient organism [with summary in English]. S. IA. Davydova, M. B. Sapozhnikova. Biul. eksp. biol. i med 49 no. 3:89-93 Mr '60.

PYRITES

(see also subdivision under Caucasus, Northern; Ural Mountains)

N. Lukina. Nauch.

on of ore deposits
Gor -geol inst

PYRROLIZINE

"Pyrrolizidine alkaloids Part 1 Synthesis of 1-hydroxy methylpyrrolizine (d, l-trachelanthamidine) " by N K Kochetkov, A. M Likhosherstov, E I. Budovskii Corrections Zhur ob khim 31 no 5 1735 My '61.

PYRUVATES

Relation of pyruvate metabolism to erythromycin biosynthesis in the actinomycete Str. erythreus [with summary in English] V Sevcik, V. Musilek. Antibiotiki 6 no 1 9-15 Ja '61

PYRUVIC ACID

Mechanism of action of levomycetin (chloramphenicol). Part 5 Effect of levomycetin on the pyruvate requirements of resting cells of coli bacillus under fixed conditions [with summary in English]. A. I Korotiaev. Mikrobiologiia 30 no. 1:17-53 Ja-F '61.

Vitamin B_1 metabolism and pyruvic acid in patients with various forms of tuberculosis. V V Motorina Sbor trud Uz. nauch -issl tub inst 3 157-161 '57

Vitamin B_1 metabolism in healthy subjects under the conditions of Tashkent in relation to the period of the year A G Khalilov, V V Motorina Sbor trud Uz. nauch -issl. tub inst 3 161-165 '57.

PYRUVIC DEHYDROGENASE

Effect of carnosine, anserine, histidine, and some amino acids on the activity of pyruvic dehydrogenase from the pectoral muscles of a pigeon. S. E. Severin, S V. Snesta-kov O. E. Vorob'ev. Dokl AN SSSR 138 no. 2 462-465 My '61.

PYTHAGOREAN PROPOSITION

Selection of numerical data for composing problems solvable according to the Pythagorean theorem. I. I. Gluzman. Mat. v shkole no. 3:62 My-Je '61.

Q FEVER

(see also subdivision under Soviet Central Asia, Termez)

Clinical and epidemiological characteristics of Q fever I K Musabaev, F Z Abubakirova Med zhur Uzb no 3 11-17 Mr '61

Latent forms of Q fever G. A Fabrikantov. Med zhur. Uzb no 3 25-28 Mr '61

Q fever. S. I. Spivak. Lech. infekts. bol'. no. 3:48-70 '57.

Use of the microagglutination reaction with antigen of Rickettsia burneti for the serodiagnosis of Q fever in children L. I. Shironin Med zhur. Uzb no. 3 21-23 Mr '61

QUADRANT—TESTING

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 64-56 for checking quadrants] Instruktsiia 64-56 po poverke kvadrantov. Izd. ofitsial'noe. Moskva, 1957. 7 p.

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 112-55 for checking optical quadrants] Instruktsiia 112-55 po poverke opticheskikh kvadrantov. Izd. ofitsial'noe. Moskva, 1957. 19 p.

QUADRATIC EQUATIONS see Equations, Quadratic

QUADRATIC FORMS see Forms, Quadratic

QUANTUM FIELD THEORY

Effect of various methods of introducing the fundamental length into the results of calculations. M. K. Volkov. Vest. Mosk. un. Ser. 3: Fiz., astron. 15 no. 6:81-86 N-D '60

Quantum field model for multiple production of particles. B. T. Vavilov. Vest. Mosk un. Ser. 3. Fiz., astron. 15 3 My-Je '60.

calculating Franck-Condon factors. IAkubov. Opt. i spektr. 8 no. 3:

adiabatic approximation [with A. M. Dykhne. Zhur. eksp. i teor. F '60.

ized method of quantization [with D. V. Volkov. Zhur. eksp. i teor. F '60.

ativistic Schrödinger equation for dies. IU. A. Gol'fand Dokl. AN 33 My '61.

under Kazakhstan; Ukraine;

quartz veins in the Soviet Union. VNIIP [MS] 3 no. 2:5-12 '60.

olor in X-irradiated crystals of TSinober. Trudy VNIIP [MS] 3

urities in synthetic quartz on the αβ conversion. V. G. Nozdrina. 3 no. 2:105-111 '60.

ive to the use of geophysical meth- piezooptic quartz deposits. S. N. ufriev. Trudy VNIIP [MS] 3

Quartz-feldspar metasomatites in skarns. V. A. Zharkov. Dokl AN SSSR 138 no 3:671-673 My '61

TSinzerling, E. V. [Artificial twinning of quartz] Iskusstvennoe dvoinikovanie kvartsa. Moskva, Izd-vo Akad. nauk SSSR, 1961. 159 p.

QUARTZ—CLASSIFICATION

Genetic classification of crystalliferous deposits. A V. Glazov Trudy VNIIP [MS] 3 no. 2 125-126 '60.

QUARTZITE

(see also subdivision under Tuva Autonomous Province)

Addition and evacuation of material in the formation of secondary quartzites. D. Kh Khairutdinov Vest Akh Kazakh. SSR 17 no 4:50-52 Ap '61

QUEEN MAUD LAND—GLACIERS

Corrugations in the Antarctic ice armor. P. S Vorobev Inform biul Sov antark. eksp. no. 25:59-60 '61

QUEEN MAUD LAND—MAPS

Change in the position of the Lazarev Shelf Ice on maps IA P. Koblents, E B Leont'ev Inform biul. Sov. antark eksp no 24 46-49 '60

QUESTIONING

Combined questioning. P. N. Nikiforov. Sred. spets. obr. 8 no. 5 11-13 My '61.

QUINALDINIUM COMPOUNDS

Synthetic dyes Part 22 Styryl dyes from the derivatives of N-arylquinaldinium salts G T Pilugin, I N Cherniuk Zhur. ob. khim. 31 no 5 1585-1587 My '61

QUINIC ACID

Isolation of quinic and shikimic acids from shoots of the tea plant [with summary in English]. M. N. Zaprometov. Biokhimiia 26 no. 2:373-384 Mr-Ap '61.

QUINOLINE

Non-pyroforic nickel catalyst in the dehydration reaction of 3, 4-dihydroisoquinoline and its derivatives. V. A Zasosov, E. I. Metel'kova, V. S. Onoprienko. Med. prom. 15 no. 3:35-38 Mr '61.

QUINOLINETHIOL

Analytical application of 8-quinolinethiol (thioquinolinol) and its derivatives. Report No. 17: 8, 8' Diquinolyldisulfide, a new selective reagent for the photometric determination of small amounts of copper [with summary in English]. IU. A. Bankovskii and others. Zhur. anal. khim. 16 no. 2:150-157 Mr-Ap '61.

QUINOLYL ALDEHYDE

Condensation of 6-quinolyl aldehyde with some heterocyclic compounds B. P Lugovkin Zhur ob khim 31 no 5:1685-1688 My '61.

RABBITS see subdivision under Glinyanyy Island

RABIES

Antibiotics in the compound treatment of complications following antirabies inoculations. A. S. Bogdanova. Lech. infekts. bol'. no. 4:271-278 '60.

Nervous complications following antirabies inoculations. L. S. Safonova. Vop. psikh. i nevr. no. 5 82-88 '59.

RACCOON DOG see subdivision under Manych Depression

RADAR

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 204-57 for checking echo boxes in the decimetric range] Instruktsiia 204-57 po poverke ekho-rezonatorov detsimetrovogo diapazona. Izd. ofitsial'noe. Moskva, 1957. 11 p.

RADAR IN NAVIGATION

Radar navigation shore stations [from foreign practices] IU. Zaitsev. Mor. flot 21 no. 5:38-39 My '61.

RADEKHOV DISTRICT—AMATEUR THEATRICALS

Rural actors. H. Kovaliuk, IA. Zhmud'. Sots. kul't. 14 no. 5-26-29 My '61.

RADIATION

Conversion of solutes in the radiolysis of aqueous solutions [with summary in English]. M. A. Proskurnin, V. D. Orekhov, A. I. Chernova. Zhur. fiz. khi. 35 no. 4: 920-926 Ap '61.

Formation of aerosols in the radiolysis of gaseous hydrocarbons. V S. Bogdanov. Dokl AN SSSR 136 no. 1:121-124 Ja '61.

Radiolysis of n-heptane adsorbed on oxide catalysts. IU. A. Kalbanovskii, L. S Polak, E. B. Shlikhter. Dokl AN SSSR 136 no. 1:147-150 Ja '61.

Source of radiation with a continuous spectrum and with single flashes of short duration. A. M. Shukhtin, V. S. Egorov, G. K. Tumakaev. Opt. i spektr. 8 no. 3:423-424 Mr '60

RADIATION—CONGRESSES

Conference on the effects of nuclear radiation on materials IU. N. Sokurskii. Atom. energ. 10 no. 5 540-542 My

RADIATION—DOSAGE

Count of cells with anaphasic bridges and acentric phragments as a basis for biological estimation of radiation dose in mammals I M Shapiro, I B Smirnova Dokl AN SSSR 136 no. 1:915-917 Je '61

Measuring gamma and beta radiation dose by means of thimble ionization chambers V Smirnov Izm tekh no 5 47-50 My '60

RADIATION—MEASUREMENT

Dolgirev, E. I., P. I. Maleev, and V. V. Sidorenko. [Nuclear radiation detectors] Detektory iadernykh izlucheniĭ. Pod red. K. K. Aglintseva. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961 272 p.

RADIATION—PHYSIOLOGICAL EFFECT

Chloride content of the blood of Rhesus monkeys under the influence of radiations I I Polikarpova, A IA Shulatova Med rad, 6 no 3:79-80 '61

Course of experimental pulmonary candidiasis after irradiation A V TSinzerling Med. rad 6 no 3,51-54 '61

Degenerative and reparative processes in the brain after radiation injury [with summary in English] A A Manina Arkh anat gist. i embr 39 no 11 43-49 N '60

Effect of desoxyribonucleic acid on the radiosensitivity of α-chymotrypsin in an artificial desoxyribonucleic acid - α-chymotrypsin complex [with summary in English]. T. IU Ugarova, P. I TSeitlin. Biul. eksp. biol. i med. 50 no. 7:55-58 Jl '60.

Effect of ionizing radiations on urethane-induced adenoma of the lungs in mice. L A Gritsiuta Vop. onk 7 no 3,64-68 '61

Effect of roentgen rays on embryogenesis in rabbits [with summary in English] Z F. Isachenko Arkh. anat gist i embr 38 no. 3 63-71 Mr '60.

Healing of comminuted fractures following administration of various doses of radioactive phosphorus [with summary in English] G N Ushakova Arkh. anat. gist i embr. 39 no 11 60-67 N '60

In vitro cultivation of bone marrow and spleen of rabbits irradiated with roentgen rays [with summary in English] V A Gubin Arkh anat gist. i embr 39 no 11 3-10 N '60.

Leukemias following X-ray therapy [with summary in English, p. 63]. A. D. Vakulenko. Probl. gemat. i perel. krovi 5 no. 3:56-58 Mr '60.

On so-called lipophanerosis observable in irradiated cells [with summary in English]. V. M. Alekseeva. Zhur. ob. biol. 22 no. 2:146-149 Mr-Ap '61.

Pathogenesis of radiation injuries and the reparative processes in rat embryos following irradiation of the female with roentgen rays on the tenth day of pregnancy [with summary in English] E A Val'shtrem Arkh anat gist. i embr. 38 no 3 72-79 Mr '60.

Possibility of induction of myeloid tissue in irradiated animals [with summary in English]. V. L. Troitskiĭ, A. IA. Fridenshteĭn. Biul. eksp. biol. i med. 49 no. 3: 111-112 Mr '60.

RADIATION PROTECTION

(see also subdivision under Germany, West)

Causes of noneffectiveness of aminoethylisothiouronium following irradiation of the cells of various tumors E N Tolkacheva, N I, Shapiro Vop onk 7 no. 3,68-72 '61

Experience with strychnine in the prevention of radiation sickness during radiotherapy. P M. Leonov Med rad, 6 no 3:7-11 '61.

Mechanism of the protective effect of dithiols against radiation I. IA Gracvskiĭ, M M Konstantinova. Dokl AN SSSR 136 no 5:1219-1222 F '61

Prevention of radiation sickness in mother and fetus in utero A P. Kirilushchenkov Med rad. 6 no. 3:14-17 '61.

Preventive use of cysteamine and cysteinamine in acute radiation sickness. V. A. Razoenova, E N. Shcherbova Med. rad 6 no. 3:11-14 '61.

Protective table for work with radioactive preparations. A. A Stankevich. Vop. onk. 7 no. 3:125-127 '61

Role of the properdin system as a nonspecific resistance factor of the organism against the effect of ionizing radiations P. I. Remezov, S D. IAkovleva. Med. rad 6 no. 3:35-39 '61.

RADIATION SICKNESS

A. A. Bogomolets's serum in the prophylaxis and therapy of radiation sickness. O. O. Horodets'kyi. Fiziol. zhur [Ukr.] 7 no. 3 369-370 My-Je '61.

Akademiia meditsinskikh nauk SSSR, Moscow. [Problem of trauma; transactions of the 11th session of the General Meeting of the Academy of Medical Sciences of the U. S. S. R.] Problema travmy, trudy XI sessii obshchego sobraniia Akademii meditsinskikh nauk SSSR. Otv. red. I. V. Davydovskiĭ. Red. kol. B. G. Egorov i dr. Moskva, Gos. izd-vo med. lit-ry, 1960. 175 p.
(DNLM)

Bicillin in different variants of combined treatment and prevention of acute radiation sickness in dogs. N. V. Raeva, I. N. Usacheva. Pat. fiziol. i eksp. terap. 4 no. 4:74 Jl-Ag '60.

Case of a severe form of chronic radiation sickness. R. K. Shamsutdinova. Med. zhur. Uzb. no. 11:65-66 N '60.

Changes in conditioned and unconditioned reflexes in rats fed various diets during radiation injuries [with summary in English]. S R Pereselkin. Zhur. vys. nerv deiat 11 no 1 171-179 Ja-F '61.

Changes in immunobiological factors in white mice with radiation sickness, infected with murine typhus, and treated with bacteriophage. N V Gogebashvili Soob. AN Gruz SSR 24 no 1 99-105 Ja '60.

Characteristics of the course of acute radiation sickness in young rats V V Kholin Med rad 6 no. 3,21-26 '61

Chronic effects of small doses of X rays on offspring of dogs receiving uranium fission products M S Lapteva-Popova Med. rad 6 no 3,76-79 '61

Condition of the hemato-encephalic barrier and a certain other histohematic barriers in offspring of animals with a history of previous radiation sickness V A Tatsievskiĭ Med rad 6 no 3:17-21 '61.

Cytochemistry of phosphatases, oxidases, and peroxidases in hematopoietic elements in radiation injury E I Terent'eva, L. I Kazanova Med rad, 6 no 3:39-42 '61

Development of radiation sickness in animals following X-irradiation. M. N. Khanin and others. Med. zhur. Uzb. no. 11 11-16 N '60.

Effect of screening and of the administration of bone marrow cells on the effectiveness of seroprophylaxis in diphtheria intoxication in irradiated animals D. R Kaulen. Med rad 6 no. 3:43-47 '61.

Electrocardiographic changes in rabbits in acute radiation sickness produced by radiations emitted by the 25 Mev betatron V. P. Polkovnikova Med rad 6 no 3,26-30 '61

Experimental data for a study of the effect of oxytetracycline in combined therapy for acute radiation injury [with summary in English] N. V. Raeva, M. I. Fedotova, I. N. Usacheva Antibiotiki 5 no. 2,60-63 Mr-Ap '60.

Healing of a free skin graft during various periods of acute radiation sickness [with summary in English] K K. Zaitseva Arkh anat gist i embr 39 no 11 68-73 N '60

Histochemical data on some disorders of metabolism in the lungs and liver in acute radiation sickness [with summary in English]. A E. Ivanov, N. N Kurshakova. Biul. eksp. biol. i med. 50 no. 7:58-62 Jl '60.

Injury and restoration of the structure of interneuron synapses after generalized roentgen irradiation [with summary in English]. V. P. Babmindra. Biul. eksp. biol. i med. 51 no. 1:102-105 Ja '61.

Intradermal distilled water tests in treated and untreated dogs with radiation sickness. N N. Klemparskaia, N. V. Raeva. Pat. fiziol. i eksp. terap. 5 no. 2,62 Mr-Ap '61.

Late histopathological changes in the central nervous system after total-body multiple X irradiation of dogs [with summary in English]. A. F. Babikova. Biul. eksp biol. i med. 51 no. 3 105-110 Mr '61.

Mechanism of motor and secretory disorders of the small intestine in acute radiation sickness [with summary in English]. K. V. Smirnov. Biul. eksp. biol. i med. 51 no. 3,33-37 Mr '61.

Mechanism of the lowering of the properdin level in the blood in acute radiation sickness I L Chertkov, Z. I. Sheremet Med rad 6 no. 3:30-35 '61.

Problem of features of the morphology of vaccinal tularemia infection in acute radiation sickness [with summary in English]. V. V. Zaludin, A. S. Shevelev. Biul. eksp. biol. i med. 49 no. 3 113-117 Mr '60

Problems in morphology discussed at a conference on "Regenerative and compensatory processes in radiation sickness." I. A. Chalisov Arkh anat gist. i embr 39 no 11:121-124 N '60

Reaction of the adrenal cortex in action on the organism of small doses of ionizing radiation in conditions of internal irradiation [with summary in English]. V. I. Kondror. Fiziol. zhur 46 no. 2,230-235 F '60.

Reduction of dehydroascorbic acid by the aortic tissue in acute radiation sickness in guinea pigs [with summary in English]. L. I. Polikarpova. Biul. eksp. biol. i med. 51 no. 3,58-60 Mr '61.

Regeneration of tubular bone in acute radiation sickness T L. Sopova. Arkh. anat gist. i embr. 39 no. 11 51-59 N '60.

Sensitivity to burn injury at various stages in the development of radiation sickness. A. L. Komendantova. Pat. fiziol. i eksp. terap. 5 no. 2 64 Mr-Ap '61.

Studies on changes in the intestinal microflora in experimental radiation sickness. IU S. Varenko. Med rad. 6 no. 3,48-50 '61

Studying the nucleic acid content in acute radiation injury in monkeys with the aid of histochemical methods [with summary in English]. N. N. Kurshakova. Biul. eksp. biol. i med. 51 no. 1:31-36 Ja '61.

[illegible]

bolezni; trudy... Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 462 p.
(DNLM)

RADICALS (CHEMICAL)

Exchange of ethyl radicals in the $AlC_2H_5)_3$ - C_2H_5Br system. A P Bataiov, I. A. Korshunov Dokl. AN SSSR 136 no 1:93-95 Ja '61.

Free radical addition of primary alcohols to α-olefins G I Nikishin, V D Vorob'ev, A D Petrov Izv AN SSSR Otd khim nauk no 5 882-886 My '61

Higher hydrogen peroxide and frozen radicals. Part 3. Kinetics of decomposition of peroxide-radical condensates formed from dissociated water vapor [with summary in English]. I. I. Skorokhodov and others Zhur. fiz. khim. 35 no. 4:905-910 Ap '61

Probability of the self-inhibition of complex chain reactions E. T Denisov Izv AN SSSR Otd khim nauk no 5 796-803 My '61

Radical exchange in organometallic compounds Part 5 Mechanism of the exchange reaction A P Bataiov, I A Korshunov Zhur ob khim 31 no 5 1649-1653 My '61

Regroupment of radicals in the reactions of thiols with polyhalopropenes R Kh Freidlina and others Dokl AN SSSR 138 no 4 859-862 Je '61

RADICALS (CHEMISTRY)—SPECTRA

Structure of the radicals of compounds obtained in the alkylation of aromatic hydrocarbons by alcohols in the presence of boron trifluoride [with summary in English]. IU. P. Egorov. Zhur fiz. khim 31 no. 4 888-893 Ap '60

RADIO

Fate of a great discovery R. Glier Sov radio i tel 8 no 4 30-31 '59

[Radio engineering abroad.] Zarub. radioelek. 16 no 5 My '61.

RADIO—ABSTRACTS

[Automatic control and radio engineering.] Ref. zhur. Avtom. i radioelekt no. 6 Je '61.

RADIO—ANTENNAS see subdivision under Sverdlovsk

RADIO—STUDY AND TEACHING

Practical work pertaining to radio electronics in the electrical engineering course. G. R. Lisenker Fiz. v shkole 20 no. 2 31-40 Mr-Ap '60

RADIO, MILITARY

Communications in an artillery battalion operating as part of a forward detachment I. Korotkov Voen vest 10 no. 10 82-83 O '60

Special tactical exercise with a radio relay company. N Mozharov Voen vest 40 no 10,77-81 O '60

Two platoons with different results I. Rozhok Voen vest. 40 no. 10,79-81 O '60

RADIO, SHORTWAVE

Ultra-short wave radio broadcasting. S. Breslavskiĭ. Sov. radio i tel. 8 no. 1 32-33 '59.

RADIO, SHORTWAVE—EQUIPMENT AND SUPPLIES

Heterodyne resonance indicator as an aid for rural radio stations. E. Bogomolov IUn. tekh 5 no 5:29-32 My '61

RADIO AND MUSIC

A day for amateur artists. A. Tishchenko. Sov. muz. 25 no 5:102-104 My '61

RADIO CLUBS see subdivision under Ukraine

RADIO DETECTORS

Detection of AM and FM oscillations using the steepness of the high-frequency oscillation A A. Gorbachev, V. D Krasil'nikov Izv vys ucheb zav , radiotekh. 4 no 2:218-220 Mr-Ap '61.

Effect of fluctuations on an inertial detector V. I Tikhonov Nauch. doki vys shkoly, radiotekh. i elektron no 2 225-233 '59.

Incoherent storage with an exponential weight function IU. S Lezin Izv vys. ucheb. zav , radiotekh 4 no 2: 148-154 Mr-Ap '61.

Phase detectors with a common load. M V. Kapranov Nauch. doki. vys. shkoly, radiotekh. i elektron no. 2 267-278 '59

Triode detector with a composite load. IA. K. Trokhimenko Izv. vys. ucheb zav. ; radiotekh 4 no 2: 220-222 Mr-Ap '61.

RADIO DETECTORS—NOISE

Effect of limited noise on an inertial linear detector P. I Penin. Nauch. doki. vys. shkoly. radiotekh. i elektron. no 2 234-242 '59.

RADIO FILTERS

Equipment for tuning super-high frequency filters. E. A. Stakhov. Izv. vys. ucheb. zav.; prib. 3 no. 1: 49-53 '60.

RADIO FREQUENCY—MEASUREMENT

Precision phasemeter for radio frequencies. M. M. Karliner. Izm. tekh. no. 5:43-46 My '61.

RADIO IN AERONAUTICS

In the service of aeronautics. N. Medinskaia. Grazhd. av. 18 no. 5:10-11 My '61.

RADIO IN AGRICULTURE

(see also subdivision under Latvia)

Assisting the beet growers. N. Gnennyi. Sov. radio i tel. 8 no. 4:2-3 '59.

Check-row planting with the aid of radio. N. A. Morgunov. IUn. tekh. 5 no 5:22-23 My '61

RADIO IN EDUCATION
(see also subdivision under Leningrad)
School radio newspaper as an educational aid N E. Orlov Sov. pedag. 25 no. 5 66-69 My '61

RADIO IN NAVIGATION
Central radio dispatcher system for the merchant fleet in river transportation K. Indrikhson Rech. transp. 19 no. 3 17-20 Mr '60
Particular cases in the methods of determining a ship's location. Iu. Sychov. Mor. flot 21 no. 5 13-14 My '61

RADIO IN PROPAGANDA
Cut boldly into life's problems V. Varavka Sov. radio i tel. 8 no. 4 4-5 '59.

RADIO IN SPORTS
Collegium of public commentators. S. Veremei. Sov. radio i tel. 8 no. 1 29 '59.

RADIO JOURNALISM
(see also subdivision under Georgia, Kaluga)
For the new against the routine, for the truth against the false S. Obraztsov Sov. pech. no. 4 40-41 Ap '61
Journalist with a microphone. Sov. pech. no. 1:34-37 Ap '61.
The spoken word on the air waves. Iakhi Andronikov Sov. pech. no. 4, 37-39 Ap '61

RADIO LINES
Concentrated excitation of a metallic cylinder with a dielectric coating M. S. Bobrovnikov, R. P. Starovoitova Izv. vys. uchab. zav., radiotekh. 1 no. 2, 140-147 Mr-Ap '61
Electron beam in a coaxial spiral line with an anisotropic magnetodielectric medium V. P. Shestopalov, B. V. Kondrat'ev, V. A. Shlusarskii Izv. vys. ucheb. zav., radiotekh. 1 no. 2 155-164 Mr-Ap '61

RADIO MEASUREMENTS
Errors in measurements and the range of the instrument equipped with an autodyne reflecting klystron in investigating secondary emission E. K. Alakhov Izv. vys. ucheb. zav., prib. 4 no. 2 10-13 '61
Instrument operated on an autodyne reflecting klystron for measuring secondary emission. S. I. Zilitinkevich and others. Izv. vys. ucheb. zav., prib. 4 no. 2 3-9 '61.
Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 209-56 for checking GSS-6 reference signal generators] Instruktsiia 209-56 po poverke generatorov standartnykh signalov tipa GSS-6 Izd. ofitsial'noe. Moskva, 1956. 19 p.
Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 216-57 for checking IMM-2 low-power measuring devices] Instruktsiia 216-57 po poverke izmeritelei malot moshchnosti tipa IMM-2. Izd. ofitsial'noe. Moskva, 1957. 10 p.

RADIO MEASUREMENTS—EQUIPMENT AND SUPPLIES—STANDARDS
Standardization of radio measurement equipment. L. M. Zaks, V. P. Rynkevich. Izm. tekh. no. 5 38-40 My '61.

RADIO PLAYS
Exciting radio broadcast. D. Sitnikov. Sov. radio i tel. 8 no. 1 28-29 '59.

RADIO PLAYS WITH MUSIC
Music in radio plays. E. Tamberg. Sov. radio i tel. 8 no. 4 18-19 '59.

RADIO PROGRAMS
(see also subdivision under Novosibirsk Province; Omsk)
Cut boldly into life's problems. V. Varavka. Sov. radio i tel. 8 no. 4 4-5 '59.
Encounters of a radio reporter ("Encounters at the microphone" by L. Magrachev. Reviewed by G. Skorokhodov). Sov. radio i tel. 8 no. 4 39-40 '59.
Medical and hygienic publicity on the radio [with summary in English] E. A. Vasil'eva, L. P. Zabolotskaia Sov. zdrav. 20 no. 2 41-46 '61

RADIO PROGRAMS—RATING
What did we learn from the answers to the questionnaire? I. Dubrovitskii. Sov. radio i tel. 8 no. 4 9 '59.

RADIO PROGRAMS FOR CHILDREN
What did we learn from the answers to the questionnaire? I. Dubrovitskii. Sov. radio i tel. 8 no. 4:9 '59.

RADIO RESEARCH
Supporting the appeal of chemists. V. Sforov and others NTO 2 no. 5:38 My '60.

RADIO SCRIPTS
Radio composition. Iu. Baranevich. Sov. radio i tel. 8 no. 4 20-21 '59.

RADIO STATIONS—EQUIPMENT AND SUPPLIES
Indispensible device for the sound operator. R. Semenov. Sov. radio i tel. 8 no. 4:33 '59.

RADIO WAVES
Omnipresent waves. I. Akalovskyi. Znan. ta pratsia no. 3:6-8 Mr '61
Studying the refraction of radio waves in the lower levels of the atmosphere at low angles of incline A. I. Sazonov Uch. sp. TGU no. 36 78-81 '60
Use of a wave guide in studying the depolarization of radio waves by dielectric particles N. G. Shcheglov, V. I. Shlopotov Uch. sp. TGU no. 36 82-86 '60

RADIO WAVES—PHYSIOLOGICAL EFFECT
All-Union conference on problems in labor hygiene and the biological effect of electromagnetic waves Z. V. Gordon Vest. AMN SSSR 15 no. 4 81-86 '60

RADIOACTIVE FALLOUT
Radioactivity of some higher algae in the region of Feodosiya O. G. Mironov Dokl. AN SSSR 138 no. 3 686-687 My '61

RADIOACTIVE PROSPECTING
Effect of silicon activation by fast neutrons during activation logging of bauxite deposits. V. A. Belykh and others. Izv. AN SSSR. Ser. geofiz. no. 6:917-921 Je '61.
Radiometric determination of the average percentage of uranium, radium, thorium, and potassium in rock samples. A. L. Likubovich, E. I. Zaitsev. Razved. i okhr. nedr. 27 no. 2 33-37 F '61
Some problems in the theory of neutron logging by the use of a pulse neutron generator V. F. Zakharchenko. Izv. AN SSSR. Ser. geofiz. no. 6 847-854 Je '61.
Using radioactivity methods for tracing tectonic zones. A. IA. Doronin. Razved. i okh. nedr. 27 no. 3 44-45 Mr '61.

RADIOACTIVE SUBSTANCES
Form in which atoms of radioactive elements are found in minerals. I. E. Starik, K. F. Lazarev, E. P. Potriaev. Radiokhimiia 3 no. 2, 207-214 '61.
Radioactivity of rocks in the Perzhanskiy intrusive complex [with summary in English]. A. M. Ushakova. Geokhimiia no. 4 354-357 '61.

RADIOACTIVE SUBSTANCES—INDUSTRIAL APPLICATIONS
New regulations for handling radioactive substances and ionizing radiation sources. S. S. Gurvits, G. D. Chistov Zav. lab. 27 no. 5 626-628 '61
The PR-150 noncontact radioactive densimeter F. IA. Ovcharenko, U. I. Kotik, L. I. Fanberg Sbor. mat. po avtom. proizv. prots. i diap. no. 5 5-18 '60

RADIOACTIVE SUBSTANCES—TRANSPORTATION
New regulations for the transportation of radioactive substances. N. I. Leshchinskii, A. S. Shtan'. Atom. energ. 10 no. 5 541-545 My '61

RADIOACTIVE TRACERS
Investigation of the tissue blood flow by means of tagged atoms in patients with infectious hepatitis treated with various drugs. T. F. Pal'tseva. Lech. infekts. bol'. no. 3 81-89 '57
Multiply labeled compounds. V. D. Nefedov, G. A. Skorobogatov. Radiokhimiia 3 no. 2 229-236 '61.
Radioactive isotopes as tracers in the control of filtration streams. N. Flekser Atom. energ. 10 no. 5 546-549 My '61.
Studying the mechanism of the destructive hydrogenation of benzene with the aid of tagged atoms I. V. Kalechits, V. G. Lapovich, V. V. Vykhovanets. Dokl. AN SSSR 136 no. 2 381-383 My '61.

RADIOACTIVE WASTE DISPOSAL
Poisoned gifts of the sea. G. Polomskii. Nov. vrem. 19 no. 25 11 Je '61

RADIOACTIVITY
Concept of molecular radioactivity in the synthesis of substances labeled with radioactive isotopes L. B. Dashkevich Radiokhimiia 2 no. 1:129 '60

RADIOACTIVITY—MEASUREMENT
Automatic control of the removal of heavy fractions from jigging machines by means of radiometric detectors. V. G. Segalin, A. A. Rudanovskii, E. L. Vasilevskii. Izv. vys. ucheb. zav., gor. zhur. no. 6 105-115 '60
Increase in the sensitivity of counters with horizontal lead housing for the measurement of preparations with low activity. N. A. Troitskii Med. rad. 6 no. 3:64-68 '61.
Method for dosimetry of C^{14} and S^{35} in teeth and jaws. A. A. Prokhonchukov Stomatologiia 40 no. 1 93-94 Ja-F '61.

RADIOBROADCASTING
(see also subdivision under Kalmyk A. S. S. R.; Ukraine)
For the fulfillment of the seven-year plan ahead of time. A. Kolodub. Sov. radio i tel. 8 no. 4 1-2 '59.
From the pages of newspapers. Sov. radio i tel. 8 no. 4: 40 '59.
"Newspaper" without paper. B. Reinstein. Nauka i zhizn' 27 no. 4 42-43 Ap '60.

RADIOCARBON DATING
Rate of sediment accumulation in the Indian Ocean determined by radiocarbon dating I. E. Starik, A. P. Zharkov. Dokl. AN SSSR 136 no. 1:203-205 Ja '61

RADIOCARBON DATING—CONGRESSES
Conference on the problems of determining absolute age by the radiocarbon method (Groningen, Holland). Sov. geol. 1 no. 3 119 Mr '61

RADIOCHEMISTRY
Applicability of Allen's model to the radiolysis of aqueous solutions V. G. Efirsov, B. V. Bronshtein Dokl. AN SSSR 138 no. 4 884-885 Je '61

RADIOCHEMISTRY—INDUSTRIAL APPLICATIONS
"Abkhanabo, the magic stone." V. Tomberg. Nauka i zhizn' 28 no. 4 42-43 Ap '61.

RADIOFREQUENCY SPECTROSCOPY
Concerning the analogy of the Duhamel integral for signals with a limited spectrum N. I. Kanshanskii Izv. vys. ucheb. zav., radiotekh. 4 no. 2 192-197 Mr-Ap '61

RADIOISOTOPES
(see also subdivision under Germany, East)
Extraction of the total radioactive isotopes with esters of butylphosphonic acids V. V. Nikolaev, S. M. Shubina N. M. Smityn Radiokhimiia 2 no. 1 4-5 '60
Isotope myelography in the diagnosis of herniation of the intervertebral disk F. M. Lisova Vop. neirokhir. 25 no. 4 28-30 My-Je '61
Using radioisotopes in forestry. V. Klemm. Les. khoz. 14 no. 6 87-90 Je '61.
Utilization of supplementary external packaging for the transportation of radioactive preparations Z. S. Arefieva Med. rad. 6 no. 3 68-71 '61.

RADIOISOTOPES—INDUSTRIAL APPLICATIONS
Studying the abrasive properties of rocks by means of radioactive isotopes M. I. Smotrodinov. Ugol' 36 no. 1 32-34 Ap '61
Thinning curve. V. A. Protsova. Izv. vys. ucheb. zav.; tekh. teks. prom. no. 2, 75-79 '61.
Use of radioactive isotopes in testing automobiles for wear resistance. D. Vysotskii, A. Eliava. Avt. transp. 39 no. 5 36-39 My '61.
Using radioactive isotopes in controlling the quality of laid concrete V. A. Volokhov, Iu. D. Markov Prom. stroi. 38 no. 5 47-50 '60.
Using radioisotopes in continuous measurement of the height of coal filling. Izm. tekh. no. 5 56-57 My '61.
Using radioisotopes in measuring the humidity of steam. M. I. Korsunskii and others Izm. tekh. no. 5 50-52 My '60

RADIOISOTOPES—PHYSIOLOGICAL EFFECT
Reactions in the organism to small doses of ionizing radiation [with summary in English] M. G. Durmishidian Izv. AN SSSR. Ser. biol. no. 3 406-411 My-Je '61.

RADIOLOGY, MEDICAL
"Collection of works of the Faculty of Radiography and Medical Radiology of the Tashkent Institute for Postgraduate Medical Training." Part I. Edited by D. M. Abdurasulov. Reviewed by L. B. Naumov. Med. zhur. Uzb. no. 11 79-80 N '60.

RADIOMETER
Portable counting device using decatrons. O. V. Lebedev, V. P. Shamov. Gig. i san. 25 no. 7 63-64 Jl '60.
Radiometric control of the compaction of the roadbed. V. G. Firstov. Avt. dor. 24 no. 1:22-23 Ap '61.

RADISHCHEV, ALEKSANDR NIKOLAEVICH, 1749-1802
The development of the meaning of certain abstract nouns in the 18th century. N. V. Iushtatova, T. F. Kovaleva Uch. zap. Kish. un. 37:113-134 '59

RADISHES
Changing the heredity in spring and winter radishes by grafting. Ruzhitsa Glavinich. Agrobiologiia no. 3:462-465 My-Je '61.
Vegetative hybridization of radishes. P. F. Konenkov. Agrobiologiia no. 3 458-461 My-Je '61.

RADIUM
Separation of radium from barium by exchange between a barium amalgam and the solution. B. P. Konstantinov, B. P. Kiselev, G. P. Skrebtsov Radiokhimiia 2 no. 1 44-49 '60.
Separation of radium from barium on a mercury cathode by electrolysis B. P. Konstantinov, B. P. Kiselev, G. P. Skrebtsov. Radiokhimiia 2 no. 1 50-56 '60

RADOMYSHL' DISTRICT—CORN (MAIZE)
We parise the queen of our fields. Iu. Kapovskyi. Sots. kul't. 14 no. 5:8-9 My '61.

RADOMYSHL' DISTRICT—RURAL CONDITIONS
Communist Maksym's countrymen. S. Luzhan. Ukraina no. 7:25-26 Ap '60.

RADON
Study of thoron and its reaction with hexavalent uranium [with summary in English]. V. A. Mikhailov. Zhur. anal. khim. 16 no. 2 141-149 Mr-Ap '61.

RADON—PHYSIOLOGICAL EFFECT

Influence of Pyatigorsk radon water on the secretory activity of the stomach in relation to periods of food ingestion IU K Vasilenko Vop. kur., fizioter i lech fiz kul't 26 no 1 9-13 '61

Morphological and dosimetric investigations following the experimental introduction of radon water into the gastrointestinal tract F. L. Leites, I S Ruzer Vop kur., fizioter i lech fiz kul't 26 no 1 14-22 '61

RAFFINOSE

Determining the raffinose content of molasses by means of paper chromatography R I Gol'dfarb, P. L Danilenko. Sakh. prom 34 no. 5 21-23 My '60

RAFTS

Is it necessary to plan the redispatching of rafts from formation roadstends? IU Makovskii, IU Ivanov Rech transp 19 no 2 8-9 F '60

RAILROAD BRIDGES—FOUNDATIONS AND PIERS

Inspection of bridge piers. V V. Sokolov Put' i put khoz 5 no. 1 23 Ja '61.

RAILROAD BRIDGES—MAINTENANCE AND REPAIR

Consolidated bridge maintenance crews. P E. Pomogaev Put' i put khoz 5 no 1 24-25 Ja '61

RAILROAD CONDUCTORS

Instead of church we went to museums and exhibitions. K Supranovych, M I Apushaiev Voiov ateist no 1 20-21 Ap '61.

[Manual for the passenger car conductor] Rukovodstvo provodniku passazhirskikh vagonov. Izd. 4., perer. i dop. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1960. 259 p.

RAILROAD ENGINEERING

Sectional structures for track reconditioning A. B. Kaminskii, M. A. Frishman Put' i put. khoz 5 no 1 18-19 Ja '61.

Solonin, A. T. [Calculation of the performance of loading and unloading machinery, mechanisms and units in railroad planning and construction] Raschet proizvoditel'nosti pogruzochno-vygruzochnykh mashin, mekhanizmov i ustroistv pri proektirovanii i stroitel'stve zheleznodorozhnogo transporta. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 94 p.

Technological reorganization of railroad transportation. V. Gavrilov NTO 2 no. 5:10-14 My '60.

RAILROAD RESEARCH

Plant of experimental machinery M N Provodina. Put' i put khoz. 5 no 1:28-29 Ja '61

RAILROADS

(see also subdivision under Germany, West, Kazakhstan; Siberia; Soviet Central Asia)

Answering readers' queries. Put' i put. khoz. 5 no. 1:46 Ja '61.

Letters to the editor Put' i put khoz 5 no. 1:45 Ja '61

Ushakov, S. S., and others. [Trends in the development of railroad traction equipment in foreign countries] Tendentsii razvitila tiagovykh sredstv zheleznodorozhnogo transporta za rubezhom. Moskva, Izd-vo Akad. nauk SSSR, 1961. 141 p.

RAILROADS—BIBLIOGRAPHY see Bibliography—Railroads

RAILROADS—BRAKES

Further improvement in designing braking systems for railroad rolling stock V M. Kazarinov, V. G Inozemtsev Vest TSNII MPS 20 no. 3 34-37 '61

RAILROADS—BRANCH LINES

Advisability of the operation of small-capacity approach lines A F. Dobroselskaia and others. Trudy TSNII MPS no. 198:162-180 '60

RAILROADS—BUILDINGS AND STRUCTURES

Houses of keramzit-concrete panels T L. Sharinskii, B A. Nechesov Transp stroi. 11 no. 4:28-30 Ap '61

Traveling housing construction concerns. N. S. Tumarinson Transp. stroi. 11 no. 4 30-32 Ap '61

RAILROADS—CARS

(see also subdivision under Lvov; Sverdlovsk)

Effect of specific pressure and lubrication on the wear of rail and wheel flange materials in the course of the contact. T. K. Golutvina Vest. TSNII MPS 20 no. 3: 40-42 '61.

Remodeled track motorcar Put' i put. khoz 5 no. 1:25 Ja '61.

There will be no transfers. Znan. ta pratsia no. 3:21 Mr '61.

RAILROADS—CARS—CONSTRUCTION

New trends in the manufacture of railroad cars. G. E. Sorokin. Biul. tekh.-ekon. inform. no. 4:64-68 '61.

RAILROADS—CARS—MAINTENANCE AND REPAIR

Preventive maintenance of painted surfaces. S. N. Kazarnovskii. Trudy TSNII MPS no. 208:159-160 '61.

RAILROADS—CONSTRUCTION

(see also subdivision under Siberia, Ural Mountains)

All-Union shock transportation construction projects of the Communist Youth League Transp stroi 11 no. 1 1-2 Ap '61

Consultation Transp stroi 11 no 4 60 Ap '61

Effectiveness of the use of package train sheets and the insertion of double-track sections on single-track lines A. M. Makarochkin Trudy MIIT no 113 216-234 '59

In the Ministry Board Transp stroi. 11 no 4 61-62 Ap '61

In the Technical Council Transp stroi 11 no 4 62-63 Ap '61

Selecting the most economic junction layout in adding new railroad lines G. S Golubev Trudy MIIT no 113 198-215 '59

RAILROADS—CONSTRUCTION—BIBLIOGRAPHY see Bibliography—Railroads—Construction

RAILROADS—EARTHWORK see subdivision under Kazan

RAILROADS—ELECTRIC EQUIPMENT

Connecting instruments to a high voltage line I M Nepokupnyi, V K Simanchuk Put' i put khoz 5 no 1 33 Ja '61

Simple method of connecting to the electric network. IA F. Ivanov, V. A Barzhin. Put' i put khoz. 5 no 1, 31-32 Ja '61

RAILROADS—ELECTRIFICATION see subdivision under Siberia, Siberia, Eastern

RAILROADS—ELECTRONIC EQUIPMENT

Organization of remote-controlled transmission of information to the computing points of railroads I P Tulupov, V. P Andrianov, V A Butanov Vest TSNII MPS 20 no 3,57-61 '61

RAILROADS—EMPLOYEES

(see also subdivision under Gomel' Province, Poland; White Russia)

Conference of the Central Culinary Council of the Main Workers' Supply Administration. Obshchestv. pit no. 5:37-39 My '61.

Each worker continues his education. I. Kozachuk. Voiov. ateist no 4,20-21 Ap '61.

Invincible ideas and the new way of life M Kosenko Voiov. ateist no 4:23-26 Ap '61

Outstanding track supervisor. N. Liustel Put' i put. khoz 5 no 1 22 Ja '61.

RAILROADS—EMPLOYEES—EDUCATION AND TRAINING

A party organization has strengthened its ties with schools. I Erofeev, V. Krugovoi. Komm. Mold. 6 no. 5 67-68 My '61.

Two years later. . . R. Bedorov. IUn. tekh 5 no 1 12-16 Ja '61.

RAILROADS—EQUIPMENT AND SUPPLIES

New models of track machinery. N. A. Karpov. Put' i put. khoz. 5 no 1,9-11 Ja '61.

Simple and handy device G. M. Tishchenko. Put' i put khoz. 5 no. 1,43 Ja '61.

Useful device E. V. Degtiarev. Put' i put. khoz 5 no. 1 11 Ja '61.

Weather resistance of varnish coatings. S. N. Kazarnovskii, G. M. Skalina. Trudy TSNII MPS no. 208:25-66 '61.

RAILROADS—FREIGHT

Brief instructions on organization and planning methods for routing normal freight traffic flows. Inform. list Glav. gruz. upr. no. 15,4-39 '59.

Coordinating uniform procedures with the freight, N. K Levitskii. Trudy TSNII [illegible] 198-215 '60

Evaluating the acceleration of car delivery in railroad transportation Trudy MIIT no. 113.189-197 '59.

Expansion of cooperation between railroads. A. T Doribas. Trudy 4-25 '60.

Mechanizing the loading and unloading road stations. F. V. Domaev. Biul. no. 4:69-73 '61.

Procedure in receiving and verifying pieces of railroad freight. S. TSes no. 2:116-121 Mi-Ap '60.

Some problems in the organization operations on industrial approach Trudy MIIT no. 113 102-116 '59.

Some problems in the over-all auto processes in freight stations. A TSNII MPS 20 no. 3:18-23 '61.

Specialization of freight train timet Trudy MIIT no. 113:142-156 '59.

RAILROADS—FREIGHT CARS

Improved four-axle box car. S. I. Fl ekon. inform. no. 4:68-69 '61.

Railroad cement car with pneumatic unloading. A. I. Matveev, D. I. Sokolovskii. Mekh. stroi. 18 no. 3: 19-20 Mr '61.

RAILROADS—HUMP YARDS

Economics of switching operations in hump classification yards O S Kuznetsova Trudy MIIT no 113 23-39 '59

Technical and economic evaluation of the methods for car classification on sorting tracks N E Borovoi Trudy MIIT no 113 40-57 '59

RAILROADS—LABOR PRODUCTIVITY

Tuchkevich, T. M. [Labor productivity in railroad transportation] Proizvoditel'nost' truda na zheleznodorozhnom transporte. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 259 p.

RAILROADS—MAINTENANCE AND REPAIR

Gap adjusting. Put' i put khoz 5 no 1:32 Ja '61.

In a progressive track machinery station. V. N Nalichaev Put' i put khoz 5 no 1 12-15 Ja '61

Mechanizing track operations. I. I Kobrinskii. Put' i put khoz 5 no 1 6-9 Ja '61

RAILROADS—MAKING UP TRAINS

Coordinating uniform procedures with the routing of freight N. K Levitskii Trudy TSNII MPS no 196: 188-215 '60.

New methods for compiling the plan for making up trains V M Akulnichev Trudy MIIT no 113 76-101 '59

Selecting the technology for making up trains N. N Shabalin Trudy MIIT no 113 8-22 '59

Systems for making up freight trains in the new stage of the expansion of railroad transportation of the U S S R F. S Izrailinskii-Marut Trudy MIIT no. 113 58-76 '59

RAILROADS—MANAGEMENT

Tonnage norms for periods between track repairs N. P. Kondakov, L. K. Gromov Put' i put. khoz 5 no 1: 34-35 Ja '61.

RAILROADS—PASSENGER CARS

(see also subdivision under Germany, East)

[Manual for the passenger car conductor] Rukovodstvo provodniku passazhirskikh vagonov. Izd. 4., perer. i dop. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1960. 259 p.

RAILROADS—RAILS

Andrievskii, S. M. [Side wear of rails on curves] Bokovoi iznos rel'sov na krivykh. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soob., 1961. 126 p. (Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy, no. 207)

Effect of specific pressure and lubrication on the wear of rail and wheel flange materials in the course of the contact T K Golutvina Vest TSNII MPS 20 no 3, 40-42 '61

Heat-treating furnace for the hardening of rails. G. N. Krukov, I. I. Kharybin. Metallurg 6 no. 6:26-29 Je '61.

Mechanical burring A F Zharkov, A. K. Shvylpov. Put' i put. khoz. 5 no. 1:26-27 Ja '61

New technology for the hardening of rail ends. D. M. Rabinovich, O. L. Gurfinkel', V. S. Serebriakov. Stal' 20 no. 7:650 Jl '60.

Rolling of high-manganese rails [with summary in English]. P. S. Plekhanov, V. A. Koshkin, L. A. Kitikin. Stal' 21 no. 5 423-425 My '61

Semigraphical method of determining longitudinal forces and deformations in continuous welded rails. A. IA Kogan. Vest TSNII MPS 20 no 3:46-49 '61.

RAILROADS—TIES

Machine for the manufacture of round wooden rods M M Shustef. Put' i put khoz 5 no 1 39 Ja '61

RAILROADS—TIMETABLES

Specialization of freight train timetables I B Sotnikov Trudy MIIT no 113 112-156 '59

RAILROADS—TOOLS AND IMPLEMENTS

Improved spike driver Put' i put khoz. 5 no 1 15 Ja '61.

RAILROADS—TRACK

(see also subdivision under United States)

Effect of the increased stiffness of reinforced concrete ties on current maintenance of track V P Fedulov Vest TSNII MPS 20 no 3 49-51 '61

Insulating splice joints on tracks with reinforced concrete ties V P Ilins Put' i put khoz 5 no 1 5 Ja '61

"Isn't the correction factor too high?" S. S. Prodan Put' i put. khoz 5 no 1 30 Ja '61

Lideis, G. V. [Railroad track; construction, repair and current maintenance] Zheleznodorozhnyi put', ustroistvo, remont i tekushchee soderzhanie. Izd. 3., perer. Moskva, Gos. transp. zhel-dor. izd-vo, 1953. 364 p. [PHOTOCOPY]

More accurate evaluation of track conditions M A Chernyshev. Put' i put. khoz. 5 no 1 36-37 Ja '61

My suggestion concerning the evaluation of track conditions V. I. Tereshchenko. Put' i put. khoz 5 no 1 37 Ja '61.

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 93-58 for checking track control guages] Instruktsiia 93-58 po poverke kontrol'nykh putevykh shablonov. Izd. ofitsial'noe. Moskva, 1958. 7 p.

Track maintenance and operation during the third year of the seven-year plan period V S. Gavrilov Put' i put. khoz. 5 no 1:1-3 Ja '61.

Track without joints. Izobr. i rats. no. 5:12-13 My '61.

RAILROADS—TRACKLAYING MACHINERY

Mechanized laying of rail lengths K G. Arutiunian. Put' i put. khoz. 5 no 1:4-5 Ja '61

RAILROADS—TRAFFIC

Brief instructions on organization and planning methods for routing normal freight traffic flows. Inform list. Glav. gruz. upr. no. 15 4-39 '59.

Effectiveness of the use of package train sheets and the insertion of double-track sections on single-track lines A. M. Makarochkin. Trudy MIIT no. 113 216-234 '59.

Experiment in traffic control in a railroad section with the aid of the "Ural-1" calculating machine A P Petrov and others Vest TSNII MPS 20 no 3:52-56 '61

Karetnikov, A. D. and N. A. Vorob'ev. [Improvement of train sheets and better utilization of the traffic capacity of railroad lines] Sovershenstvovanie grafika dvizhenila poezdov i uluchshenie ispol'zovanila propusknol sposobnosti zheleznodorozhnykh linii. Moskva, Vsesoiuznoe izdatel'sko-poligr. ob"edinenie M-va putei soob., 1960. 218 p. (Moscow, Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy, no. 203)

Methodology for calculating the capacity of receiving and departure tracks of a station. K M Dobrosel'skii Trudy MIIT no 113 157-168 '59

RAILROADS—TRAIN DISPATCHING

Automatically controlled recording on graphs on the performed movements I A Fiolov. Vest TSNII MPS 20 no 3:61-64 '61.

RAILROADS—TRAINS

From the history of fire prevention, fire trains. V. Semenov. Pozh. delo 7 no. 5 32 My '61.

RAILROADS—WATER SUPPLY

Water tanks near the roadbed. V. A. Sumarokov. Transp stroi. 11 no 4 46-49 Ap '61

RAILROADS—YARDS

Calculating the length of make-up sidings at stations Kh M. Lapitskii Transp stroi 11 no 4 44-46 Ap '61.

RAILROADS, INDUSTRIAL

Consolidation of the transportation facilities of industrial enterprises. IA P. Vecherin, A. F. Dobrosel'skaia. Trudy TSNII MPS no 196:26-44 '60

Cooperation of industrial enterprises in the organization of loading and unloading operations. V N Ramodin, K. I. Kutskevich. Trudy TSNII MPS no 16:45-59 '60

Cooperation of loading and unloading points in industrial areas. IA. F. Gulev. Trudy TSNII MPS no. 196:181-197 '60

Methods of determining the traffic capacity of industrial railroads. B. A. Dlugach, M. A. Mishke. Trudy TSNII MPS no 196:109-129 '60.

Operational requirements for the equipment of industrial railroad stations. IA. P. Vecherin, I. I. Kukushkin. Trudy TSNII MPS no. 196:130-161 '60

Some problems in the organization of freight handling operations on industrial approach tracks V I Balch Trudy MIIT no 113 102-116 '59

Transportation connections between industrial enterprises and loading piers. E. D. Buchin. Rech. transp. 20 no. 5:9-11 My '61.

RAILROADS, INDUSTRIAL—ACCOUNTING

Methods of determining the settlement rates in the cooperation of industrial enterprises in transportation IU N Tikhonchuk Trudy TSNII MPS no 196:60-70 '60

Planning and accounting of railroad haulage and wage system for car shunting brigades. E. E. Dermant, M. S. Kuznetsov. Stal' 21 no. 6:563 Je '61.

RAILROADS, INDUSTRIAL—CONSTRUCTION

Selecting the ruling grade of logging railroads with a 750 mm gauge V V Shchelkunov Izv. vys. ucheb. zav., les. zhur 3 no 1 69-76 '60

RAILROADS, SUSPENDED—MODELS

Working model of an elevated electromagnetic railroad A I Milevskii Shkola i proizv 5 no 5 82-84 My '61

RAIN MAKING

Methods of seeding clouds with reagents to promote their modification. V. N. Balabanova, G I. Vladrov. Izv. AN SSSR. Ser. geofiz. no. 6:951-952 Je '61.

RAKHMANOV, ALEKSANDR NIKOLAEVICH, 1861-1961

100th anniversary of A. N. Rakhmanov's birth. L. Kh. Dukhin. Fel'd. i akush. 26 no. 5:28-30 My '61.

RAKITNOYE DISTRICT—AGRICULTURAL ADMINISTRATION

The lack of principles F. Troshkin. Part. zhizn' no. 13: 58 Jl '61.

RAKOVSKI, GEORGI STOIKOV, 1821-1868

Sidel'nikov, S. I. [Georgi Rakovski, the Bulgarian revolutionary] Bolhars'kyi revoliutsioner Heorhii Rakovs'kyi. Kharkiv, Vyd-vo Kharkivs'koho derzh. univ., 1959. 172 p.

RAKSHA DISTRICT—OFFENSES AGAINST SOCIALIST PROPERTY

The protection of socialist property is our main consideration. I. Purakhin. Sots. zakon. 38 no 6 60-61 Je '61

RAMAN EFFECT

Effect of the width of monochromator slits on the accuracy of the photoelectric measurements of Raman line intensities. E. V. Chisler. Opt. i spektr. 6 no. 3:359-362 Mr '60.

Temperature dependence of the Stokes and anti-Stokes lines of Raman spectra in liquids. A. I. Sokolovskaia, P. A. Bazhulin Opt. i spektr 8 no. 3:394-397 Mr '60

RAMS

Morphophysiological changes in certain skin areas of the genital system of a ram as related to age and castration. G. V. Ovsiannikov Dokl. AN SSSR 138 no 3 681-685 My '61

RAMSON

Qualitative analysis of ursal. O. K. Sukhomlynov. N. M. Zhbanova. Farmatsev. zhur. 15 no. 1 42 '60.

RARE EARTH BORIDES

Analysis of transition metal and rare earth borides [with summary in English]. L. N. Kugai, T. N. Nazarchuk. Zhur. anal. khim. 16 no. 2:205-208 Mr-Ap '61.

RARE EARTH COMPOUNDS

Monocitrate complexes of rare-earth elements. D. I. Riabchikov, E. K. Korchemnaia. Dokl. AN SSSR 138 no. 2: 397-398 My '61.

RARE EARTH COMPOUNDS—OPTICAL PROPERTIES

Effect of temperature on the spectral and luminescent properties of complex compounds of rare earths V. V Kuznetsova Dokl. AN BSSR 5 no. 5:203-207 My '61

RARE EARTH METALS

The ratio of rare earth elements in orthites of some igneous rocks of northern Kirghizistan. A. V. Kosterin, V. E. Kiziura, V. N. Zuev. Geokhimiia no. 5 454-456 '61.

RARE EARTHS

Rare earths in the remains of Paleozoic fishes of the Russian Platform [with summary in English]. A. M. Blokh. Geokhimiia no. 5 390-400 '61.

Reactions of some rare earth elements with dibutylphosphate, and their extraction separation. D. E. Kriss, Z. A Sheka Dokl. AN SSSR 138 no. 4:846-849 Je '61

Separation of rare earth elements by continuous electrophoresis Part 2: Separation with the use of ethylenediaminetetraacetic acid. V. P. Shvedov, A. V. Stepanov. Radiokhimiia 2 no. 1:65-67 '60

Separation of rare-earth elements from tantalum [with summary in English]. O. V Larionov, M. K Nikitin. Vest. LGU 16 no 10:73-78 '61

Using rare earths for tinting glass. A. I. Alakin, B. N. Nikitin, N. P. TSarevskaia. Stek. i ker. 18 no. 3:33-34 Mr '61.

RASKIN, ALEKSANDR BORISOVICH

Parodies and melodies ("Sketches and writings; parodies, feuilletons, epigrams" by A. Raskin Reviewed by G Vladimov) Novyi mir 15 no 4:268-270 Ap '60.

RASPBERRIES

Arctic bramble. G. M. Levin. Priroda 50 no. 6:111-115 Je '61.

RATS

Case of total albinism in Norway rats [in Georgian with summary in Russian] N M Sikmashvili Vest. Gos muz. Gruz. 16A 245-249 '59

RAUWOLFIA

Introduction of Rauwolfia serpentina Benth. I. M Rabinovich Bot zhur 15 no 1 592-595 Ap '60

RAYNAL, GUILLAUME THOMAS FRANÇOIS, 1713-1796

Raynal as a historian of philosophy [with summary in English, p 196]. E I. Zel'manova Vop filos. 15 no 5 103-111 '61

RAYON

Effect of γ-rays on the structure of cellulose fibers [with summary in English]. Kh. U. Usmanov, E. I. Kalabanovskaia, R. B. Damovskii. Vysokom. soed. 3 no. 2,223-227 F '61.

Rayon fabrics. S. S. Biushgens. Tekst. prom. 20 no. 1: 25-29 Ja '60.

Studying the tension of tow rayon in the cutting machine for staple made from synthetic fibers. I. IA. Il'in. Izv. vys. ucheb. zav., tekh. teks. prom. no. 2:128-135 '61.

RAYON SPINNING

Effect of the twist on the physicomechanical properties of viscose tire cord yarn. V. A. Usenko, D. I. Kalaushrov. Izv. vys. ucheb. zav., tekh. teks. prom. no. 3:10-16 '61.

RAZUMOVSKII, LEV SAMSONOVICH

The fate of a sculptor. Ed. Arenin. Zvezda no. 3: 168-169 Mr '61.

READERS AND SPEAKERS—ECONOMICS

"Readings in economics," Reviewed by P. Kukhaev, I. Shkliarskii. Polit. samoobr. 5 no. 5:130-134 My '61.

READING (ELEMENTARY)

Conducting the extracurricular reading guidance classes. V A. Kustareva. Nach. shkola 29 no. 5 52-56 My '61

REAL PROPERTY—VALUATION see subdivision under Leningrad

REALISM IN LITERATURE

Lenin's theory of party spirit in literature and the development of social realism in the literature of foreign Slavic countries. D. F. Markov. Krat. soob Inst. slav. no. 31:50-68 '61.

REAMERS

Hard-alloy reamer for cleaning center holes. V. Rachek. Stan. i instr. 31 no 5:37 My '60

Performance of hard-alloy reamers. Chou Chia-pao. Mashinostroitel' no. 5:30-31 My '60.

RECEPTORS (NEUROLOGY)

Effect of some hormonal and medicinal substances on receptors of the venae cavae and heart; experimental and morphological investigations [with summary in English]. IA. L. Karaganov. Arkh anat. gist i embr. 40 no 4. 106-113 Ap '61.

Electrophysiological study of the dependence of the functional state of skin receptors in frogs on metabolism in the receptor field [with summary in English]. O P Dobromyslova. Biul. eksp. biol. i med. 51 no. 1:13-17 Ja '61.

Influence of stimulation of the mechanoreceptors in the gastrointestinal tract on some blood indexes at high temperature. R. T. Vakhidova. Med. zhur. Uzb. no. 4 31-34 Ap '61.

Method of electrostimulation of the vascular receptors [with summary in English]. P. F. Konovalov. Biul. eksp. biol. i med. 51 no. 1:115-116 Ja '61.

Pathomorphology of the peripheral receptors and synapses" by D. IU Guseinov. Reviewed by V Kupriianov. Arkh. anat. gist i embr 39 no 3:105-106 Mr '60

Problem of the efferent regulation of receptors; based on an example of lingual chemoreceptors [with summary in English]. A. I. Esakov. Biul. eksp. biol. i med. 51 no. 3:3-6 Mr '61.

Reflex reactions of the receptors. P. G. Snikkin. Vest. AMN SSSR 14 no. 4:44-51 '59.

Role of the tricarboxylic acid cycle in the mechanisms of chemoreception [with summary in English]. Biul. eksp. biol. i med. 51 no. 1:3-6 Ja '61.

RECIPROCATING PUMPS

Piston inertia water lift pump with hydraulic drive. V A. Baranov. Trudy SANIRI no. 106:15-34 '60.

RECLAMATION OF LAND
(see also subdivision under Landes, Volga Akhtuba Flood Plain)
Effect produced by the plowing up of virgin land on the mode of life and distribution of murine rodents throughout the territory of northern Kazakhstan [with summary in English] I. V. Lukiaseva Zool. zhur. 40 no. 5 768-773 '61.
Reclamation of deserts. M. P. Petrov. Priroda 50 no. 6 25-31 Je '61.

RECLAMATION OF LAND—BIBLIOGRAPHY see Bibliography—Reclamation of land

RECONSTRUCTION see subdivision under Moldavia

RECORDING INSTRUMENTS
Measures enabling the operation of self-recorders at low temperatures. D. IA. Lyseev. Inform. biul. Sov. antark. eksp. no. 22 29-31 '60

RECREATION
Employ all our forces in the seven-year plan. Komsom. zhizn' no. 15/16 26-30 Ag '60.
Fun and serious matter. Znan. sila 36 no. 2 46-47 F '61.
Recreation section. Znan. sila 36 no. 5 46-47 My '61
Tasks of the Communist Youth League in organizing the leisure of youth; from a decision of the Eighth Plenum of the Central Committee of the Communist Youth League. Komsom. zhizn' no. 15/16 15-25 Ag '60

RECREATION CENTERS see subdivision under White Russia

RECTUM
Sigmographic studies on the effect of strong emotional factors on motor activities of the terminal segment of the large intestine. V. G. IAnchev Terap. arkh. 33 no. 1 60-65 '61.

RECTUM—BLOOD SUPPLY
Characteristics of collateral circulation of the rectum in an experiment [with summary in English] A. I. Pugachova Arkh. anat. gist. i embr. 38 no. 4 14-21 Ap '60.
Veins of the rectum in man [with summary in English]. G. V. Asmolovskii Arkh. anat. gist. i embr. 38 no. 3. 80-82 Mr '60

RECTUM—SURGERY
Kurnetsov, V. A. [Method for the surgical treatment of prolapse of the rectum in adults] Metodika operativnogo lecheniia vypadeniia priamoi kishki u vzroslykh. [Leningrad] Gos. izd-vo med. lit-ry Medgiz, Leningr. otd-nie, 1960. 125 p. (Biblioteka prakticheskogo vracha)
(DNLM)

RED CROSS
Role of the Soviet Red Cross in public health. G. A. Miterev. Sov. zdrav. 20 no. 1 38-43 '61

RED MULLETS see subdivision under Black Sea

RED SPIDER
(see also subdivision under Azerbaijan; Lenkoran Lowland)
Nature of the immunity of cotton and other plants to the damage by spider mites. M. I. Kosobutskii. Trudy UzGU no. 87:95-162 '59.
Passive and active means of the spread of spider mites across an area with various ecological conditions. M. I. Kosobutskii. Trudy UzGU no. 87:33-94 '59.
Supplementary data on the biology of the spider mite V. N. Polevshchikova. Izv. AN Uz. SSR no. 11 104-105 '56.
Vertical movements (migrations) of spider mites on fodder plants. M. I. Kosobutskii. Trudy UzGU no. 87: 3-31 '59.

REDUCTION, CHEMICAL
Selectivity of the action of catalysts in hydrogenation and reduction reactions. L. Kh. Freidlin Probl. kin. i kat. 10 187-191 '60

REDUCTION, ELECTROLYTIC
Current-time curves in the reduction of anions on a dropping electrode. A. N. Frumkin, O. A. Petrii, N. V. Nikolaeva-Fedorovich. Dokl. AN SSSR 136 no. 5:1158-1161 F '61.
Reduction and electrolytic reduction of organic substances on a Pd electrode. Part I: Reduction and electrolytic reduction of acrolein [with summary in English]. A. V. Shashkina, L. I. Kulnkova. Zhur. fiz. khim. 35 no. 4:793-802 Ap '61.

REED PRODUCTS
Paper made from reed. N. Votrov. Tekh. mol. 29 no. 6: 32 '61.

REFLECTING TELESCOPE see Telescope, Reflecting

REFLEXES
Change in reflex activity during ether anesthesia and local anesthesia. Preliminary report. S. A. Shtein. Trudy 1-go MMI 3:102-118 '57.
Change in the time of the reflex reaction during the action of small doses of internal irradiation. V. P. Godin. Fiziol. zhur. 47 no. 2:230-236 F '61.
Changes in conditioned and unconditioned reflexes in rats fed various diets during radiation injuries [with summary in English] S. R. Perepelkin Zhur. vys. nerv. deiat. 11 no. 1 171-179 Ja-F '61
Changes in the quantity and viscosity of saliva in unconditioned food reflexes. O. N. Vecvodina Fiziol. zhur. 47 no. 5 655-658 My '61
Changes in the sensitivity to strychnine in the ontogenesis of the reflex act. D. A. Sakharov, Katalin Veresh. Dokl. AN SSSR 136 no. 1:253-255 Ja '61
Characteristics of defensive (winking) conditioned and unconditioned reflexes in infectious diencephalitis. Vop. psikh. i nevr., no. 5 72-81 '59.
Dependence of the skin-galvanic reaction to a direct stimulus on the action on the second signal system [with summary in English]. V. A. Maraev. Zhur. vys. nerv. deiat. 10 no. 2 200-203 Mr-Ap '60.
Differentiation of symmetrical spots of the skin of dogs depending on the side of the action of unconditioned stimulation [with summary in English]. L. N. Gavrilova. Zhur. vys. nerv. deiat. 10 no. 2:252-257 Mr-Ap '60.
Dynamics of the gastrocolic reflex in gastric and duodenal ulcer. A. D. Dzhalalov, B. M. Muminov. Med. zhur. Uzb. no. 4 20-23 Ap '61.
Experimental neuroses in animals [with summary in English]. V. Novakova Zhur. vys. nerv. deiat. 11 no. 1 151-156 Ja-F '61.
Functional chronaximetry of the muscles and the vasculocutaneous reflexes in various brain diseases. IA. IA. Gordon, T. V. Trapeznikova. Med. zhur. Uzb. no. 11 46-48 N '60.
Functional conditions of the reflex apparatus in deep hypothermia. N. V. Alfeshev Fiziol. zhur. 47 no. 3. 362-366 Mr '61
Functional state of interoceptors and central links of the reflex arc of vascular reflexes in hypothermia. M. A. Kondratovych. Fiziol. zhur. [Ukr.] 7 no. 3.424-431 My-Je '61.
Imitative motor reflex. N. A. Shustin Fiziol. zhur. 46 no. 2 161-166 F '60
Improvement in the radiomethod for the measurement of reflexes [with summary in English]. O. IA. Bokser, M. I. Klevtsov Biul. eksp. biol. i med. 51 no. 2 111-113 F '61.
Interoceptive reflexes in lead intoxication. Preliminary report. A. A. Mambeeva. Trudy Inst. klinich. pat. AN Kazakh. SSR 8:75-83 '60.
Interrelation of reflex changes in the general and local blood circulation [with summary in English]. V. V. Frol'kis, I. V. Shchegoleva. Biul. eksp. biol. i med. 50 no. 10:7-12 O '60.
Reflexes from the interoceptors of the sigmoid sinus of the dura mater [with summary in English] G. M. Starikov. Zhur. ush., nos. i girol bol. 20 no. 1:59-63 Ja-F '60.
Some reflexes in the lymphatic system. Z. T. Valeeva. Fiziol. zhur. 47 no. 3:316-320 Mr '61
Specificity of responses to the cardiovascular system. V. V. Frol'kis Fiziol. zhur. 47 no. 3 293-300 Mr '61
Technic of an electrophysiological study of the vestibular-motor reflex arc in birds. I. V. Orlov Fiziol. zhur. 47 no. 5 659-661 My '61
True sympathetic reflexes. I. A. Bulygin, I. I. Beloryb-kina, M. P. Kul'vanovskii. Fiziol. zhur. 47 no. 3:285-292 Mr '61.

REFORESTATION
(see also subdivision under Udmurt A. S. S. R.; Yakutia)
Effect of felling and skidding methods on the preservation of undergrowth. M. I. Kulikov, F. P. Zhdankin. Les. khoz. 14 no. 6:22-23 Je '61.

REFORESTATION—CONGRESSES
Reforestation of the central oak fore. Naumenko. Izv. vys. ucheb. zav., 165-167 '60.

REFRACTION, DOUBLE
Flow birefringence and viscosity in butylene - benzene in the vicinity tion temperature [with summary Frisman, Siui Mao [Hsu Mao]. no. 2:285-289 F '61.
Temperature dependence of the flo polymer solutions in an "ideal" s in English]. E. V. Frisman, Siui Vysokom. soed. 3 no. 2:276-284

REFRACTOMETRY
Refractometric analysis of anesthe Vasiutyns'kyi, A. B. Kharlamb. no. 1:25-27 '60.

REFRACTORIES INDUSTRY—ACCOI division under Bogdanovich

REFRACTORIES INDUSTRY—HYGIE
Instructions on planning sanitary e of main refractory shops and div tekh. 18 no. 5-7-10 My '61.

REFRACTORY CONCRETE
"Instructions on the manufacture o concretes." Biul. stroi. tekh. 18
Performance of a heatproof concrete roof in a cementation furnace. S. O. Rabinovich Ogneupory 26 no. 1 200 '61

REFRACTORY MATERIALS
(see also subdivision under Moscow Province, Ural Mountain region, Ural Mountains, Uzbekistan)
Effect of surface-active substances on the compressibility and elastic after-effect of certain refractory masses. G. V. Kukolev, K. A. Mikhailova. Ogneupory 25 no. 5 222-226 '60.
Improving the durability of intermediate ladle linings V. P. Emel'ianov. Metallurg 6 no. 5 22 My '61.
In celebration of the 22d Congress of the CPSU Ogneupory 26 no. 1 1-5-156 '61
Increasing the durability of tapping hole and trough refractories. N. F. Slun'ko, G. I. Fedorenko Metallurg 6 no. 5 7-9 My '61.
Major repair of the facing walls of gas-chamber kilns. IU. P. Sidorenko. Ogneupory 26 no. 1 194-195 '61.
Meeting of the Refractory Materials Section of the Scientific and Technical Department of Heavy Metallurgy. Ogneupory 26 no. 4 198 '61
New heatproof friction material for construction and road machines. B. I. Rodin. Stroi. i dor. mash. 6 no. 2, 15-16 F '61.
Press for the semi-dry pressing of refractory steel casting articles. I. F. IUrchenko Ogneupory 26 no. 4:171-175 '61.
Socialist competition for an early completion of the plan for the second year of the seven-year period. Ogneupory 25 no. 5, 193-196 '60.
Spiral-type lining of 200-ton steel pouring ladles N. A. Rokhlin. Stal' 21 no. 5 412 My '61
Tarbonded magnesite refractory materials for lining converters with an oxygen blast. V. P. Rakina, E. P. Markevich, S. K. Voskresenskaia. Ogneupory 26 no. 4 185-193 '61
Test batch of carborundum refractory materials bonded with silicon nitride. N. I. Voronin and others. Ogneupory 26 no. 1 157-161 '61
Transfer of a plant to operations on natural gas. P. S. Loiko. Ogneupory 25 no. 5 213-214 '60.
Use of heat-resistant reinforced concrete. S. O. Rabinovich. Ogneupory 25 no. 5 221 '60.
Use of refractory and heat-resistant concrete in industry. K. D. Nekrasov, G. D. Salmanov. Ogneupory 25 no. 5:219-221 '60.
Using magnesia concrete and brick blocks for lining electric steel smelting furnaces. A. A. Pirogov and others. Ogneupory 26 no. 4 176-180 '61.
Wear of refractory linings in a blast furnace of a capacity of 1719 m^3. I. M. Galemin, N. K. Fridman. Metallurg 6 no. 6:9-12 Je '61.

REFRIGERATED MOTORTRUCKS
GZTM-953 refrigerated motor truck. Avt. transp. 39 no. 4 41-42 Ap '61.

REFRIGERATION AND REFRIGERATING MACHINERY
Concerning an ideal gas cooling cycle. V. M. Brodianskii. Izv. vys. ucheb. zav.; energ. 4 no. 4 98-102 Ap '61.
Increase of the productive capacity of steam jet refrigerating machines. III. N. Boldyrev Hum. prom. 36 no. 5 23-24 My '61.
Pokrovskii, N. K. [Refrigerating equipment; manual for machine operators] Kholodil'nye ustanovki; posobie dlia mashinistov, obsluzhivaiushchikh ammiachnye mashiny i apparaty. Izd. 2., dop. i perer. Moskva, Gos. izd-vo torg. lit-ry, 1960. 283 p.
Testing of insulating materials for hermetically sealed refrigerator motors. J. Michálek. Izv. vys. ucheb. za

REGENERATION (BIOLOGY) (Continued)
Effect of narcolysin on regeneration in amphibia and on tumors in mice under light hypothermia [with summary in English]. L. Ch. Pukhal'skaia. Biul. eksp. biol. i med. 49 no. 3 97-101 Mr '60
Evidence of regeneration in significant portions of the myocardial fibers of the frog following trauma [with summary in English] P. P. Rumiantsev. Arkh. anat. gist. i embr. 40 no. 2:65-71 F '61
Histogenic and structural changes in the liver during its regeneration after perforating and marginal wounds in rats [with summary in English] V. F. Sidorova. Biul. eksp. biol. i med. 51 no. 3 97-101 Mr '61.
Morphological changes in the regenerating rat kidney at late periods after injury [with summary in English] G. G. Samsonidze. Biul. eksp. biol. i med. 49 no. 2 113-116 F '60.
Normal antibodies during regeneration in invertebrate animals. Report No. 1. Normal antibodies against regenerating tissue of the ray of Asterias rubens [with summary in English]. O. L. Vaazov, A. I. Murashova. Biul. eksp. biol. i med. 51 no. 2 100-102 F '61.
Preparative regeneration of the liver in experimentally induced cirrhosis [with summary in English]. B. P. Solopaev, IU. P. Butnev, G. G. Kuznetsova. Biul. eksp. biol. i med. 51 no. 1 74-80 Ja '61.
Problems in morphology discussed at a conference on "Regenerative and compensatory processes in radiation sickness." I. A. Chalisov. Arkh. anat. gist. i embr. 39 no. 11:121-124 N '60
Regeneration of the epidermis of the embryos of white rats [with summary in English]. T. F. Grenberg. Arkh. anat. gist. i embr. 38 no. 3:45-52 Mr '60
Regenerative features of the rat ovary following compensatory hypertrophy [with summary in English]. N. S. Artem'eva. Biul. eksp. biol. i med. 51 no. 1:80-86 Ja '61.
Restoring X-ray-inhibited regeneration capacity of axolotl extremities by the use of proteins, nucleic acids, and lyophilized tissues. L. V. Polezhaev, N. A. Teplits, N. I. Ermakova. Dokl. AN SSSR 138 no. 2:477-480 My '61.
Study of the regenerative process in the liver of mice shortly after injury [with summary in English]. Z. A. Rukhimina. Biul. eksp. biol. i med. 49 no. 3:105-111 Mr '60.

REGENERATION (BIOLOGY)—CONGRESSES
Conference on problems in physiological regeneration. I. A. Utkin, N. P. Bochkov. Arkh. anat. gist. i embr. 38 no. 3:107-112 Mr '60

REGIONAL PLANNING
(see also subdivision under Moscow Province, Mytishchi; Rostov Province, Volosovo District)
An important factor in the problem of population distribution in a rural locality. I. Migan. Arkhit. SSSR no. 4:38-40 '61

REINFORCED CONCRETE
Automation of steam chambers. Stroitel' no. 4:14-15 Ap '61.
Degree of reliability of reinforced concrete elements designed by the limit state method. A. M. Gurevich, V. T. Doshchanovskii. Izv. AN Uz.SSR no. 7:90-91 '56
Designing eccentrically stretched members of reinforced concrete articles for crack resistance. IU. A. Kashirskii. Trudy Ural. politekh. inst. no. 99:142-149 '60.
Instructions for using hot rolled, ribbed 30KG2S steel reinforcements for prestressed reinforced concrete construction elements. Bet. i zhel.-bet. no. 5:239-243 My '60.
New developments in technology. Ukraina no. 11:27 Je '61
Performance of eccentrically compressed reinforced concrete short struts subjected to long-time loads. L. IA. Viner. Bet. i zhel.-bet. no. 5:227-231 My '60
Potashnikov, V. A. [Self-stressing reinforced concrete for mine supports] Samonapriazhennyi zhelezobeton dlia shakhtnoi krepi. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 106 p.
Problems of designing reinforced concrete elements at the Sixth International Congress of Bridges and Structural Engineering. G. K. Evgrafov. Bet. i zhel.-bet. no. 3:137-140 Mr '61.
Reinforced concrete beams in place of wooden joists. Sel'. stroi. 15 no. 2:29 F '61.
Reinforced concrete elements for industrial construction. N. F. Il'ina. Bet. i zhel.-bet. no. 3:98-105 Mr '61
Structural lightweight concretes based on slag pumices and their use in making reinforced products. B. V. Lachinov. Bet. i zhel.-bet. no. 5:236-239 My '60.
Use of heat-resistant reinforced concrete. S. O. Rabinovich. Ogneupory 26 no. 5:221 '60.

REINFORCED CONCRETE—THERMAL PROPERTIES
Determination of the thermophysical constants of hydraulic concrete and reinforced concrete. S. M. Alesnikov. Izv. VNIIG 64:243-249 '60

REINFORCED CONCRETE CONSTRUCTION
Designing reinforced concrete sections for eccentric compression. V. V. Degtarev. Bet. i zhel.-bet. no. 3:140-141 Mr '61.
Determining the stressed state of the supporting unit of a span structure of the "rigid beam with a flexible arch" $1_{gp} = 55$, Om. system. V. N. Mastachenko. Trudy MIIT no. 131:306-314 '61.
Experimental investigation of a shallow reinforced concrete panel of a spherical shell with a prestressed periphery. A. P. Sukhadze. Soob. AN Gruz. SSR 24 no. 1:49-56 Ja '60.
Foundations for the arches of livestock buildings. E. Gendel'. Sel'. stroi. 15 no. 2:26-27 F '61.
Foundations of reinforced concrete shells. K. S. Silin, N. M. Glotov. Avt. dor. 24 no. 3:15-16 Mr '61.
In celebration of the 22d Congress of the CPSU. Bet. i zhel.-bet. no. 3:97-98 My '61
Industry-wide use of wire-reinforced concrete elements for spans. E. I. Shtil'man, V. S. Korunskii. Avt. dor. 24 no. 3:9-12 Mr '61.
Lightweight designs of reinforced concrete arches. I. Blumshtein, A. Bessarabenko. Sel'. stroi. 15 no. 2:26 F '61.
Measuring the displacements of buildings with precast deep footings. P. I. Briart, E. M. Perepelova. Osn., fund. i mekh. grun. 3 no. 2:5-8 '61
Problems in the finishing of large-panel buildings. L. Popovoh, A. Orlov, V. Khmelevskii. Zhil. stroi. no. 1:2-4 Ap '61
Raising mesh-reinforced concrete shells using two cranes. K. P. Kopievskii. Mont. i spets. rab. v stroi. 23 no. 4:27-28 Ap '61.
Reinforced concrete roofs for steam chambers. Stroitel' no. 4:27 Ap '61
Stock form for making continuous joints between girders and uprights. Sel'. stroi. 15 no. 2:29 F '61.
Sugar factories are built twice as fast as is required. Stroitel' no. 4:8 Ap '61
Traveling housing construction concerns. N. S. Tumarinson. Transp. stroi. 11 no. 1:30-32 Ap '61
Use of reinforced concrete in the manufacture of machinery. K. V. Ogorodnikov. Mashinostroitel' no. 5:34 My '60.
Useful book ("Design of tunnel linings" by M. A. Arkhangel'skii, D. I. Dzhincharadze, A. S. Kuris'ko). Reviewed by IA. S. Fain. Transp. stroi. 11 no. 1:50 Ap '61.

REINFORCED CONCRETE CONSTRUCTION—CONGRESSES
Conference of precast reinforced concrete spillway structures, A. B. Berezinskii. Gidr. stroi. 31 no. 1:58-60 Ap '61.

REINFORCEMENT IN CONCRETE see Concrete reinforcement

RELATIVITY
In Einstein's train or rocket. O. Grynin. Znan. ta pratsia no. 3:31 Mr '61
Principle of relativity is one of the gnosiological sources of "physical idealism." V. V. Filimonov. Uch. zap. Komi gos. ped. inst. no. 9:122-145 '60.

RELATIVITY (PHYSICS)
Can quanta be weighed? Tekh. mol. 29 no. 5:37-39 '61.
The correct interpretation of the theory of relativity. M. F. Shirokov. Vop. filos. 15 no. 5:133-137 '61.
Discrete space-time theory. V. G. Kadyshevskii. Dokl. AN SSSR 136 no. 1:70-73 Ja '61
Duan' I-shi. [General covariant formulation of the field theory and the general conservation laws] Obshchekovariantnaia formulirovka teorii polei i obshchie zakony sokhraneniia. [Dubna] Ob"edinennyi in-t iadernykh issl., lab. teoret. fiziki, 1957. 11 p.
Feasibility of measuring the gravitational frequency shift in the gravitational field of the sun. B. D. Osipov. Zhur. eksp. i teor. fiz. 38 no. 2:657-658 F '60.
Mossbauer effect as a new tool of physics research (from "Scientific American"). S. de Benedetti. Tekh. mol. 29 no. 5:37-46 '61.
Theory of relativity. A. Kolpakov. V mire knig 1 no. 1:14 Ja '61.

RELIGION
Breaking spiritual snares. M. P. Mchedlov. Nauka i zhizn' 28 no. 4:55-58 Ap '61.
Catchers of human souls. S. Boivo. Znan. ta pratsia no. 3:25-26 Mr '61
"Hell, paradise, and their population" by D. Sidorov. Nauka i zhizn' 28 no. 4:68-69 Ap '61.
Scientific-atheistic propaganda in a higher medical school [with summary in English] T. IA. Tkachev. Sov. zdrav. 20 no. 1:46-49 '61.
Soviet historians study the work of present-day religious sects. Ist. SSSR 5 no. 2:233-235 Mr-Ap '61.
Vatican and Coca-Cola. Nauka i zhizn' 28 no. 4:58 Ap '61.

RELIGION—BIBLIOGRAPHY see Bibliography—Religion

RELIGION—CONTROVERSIAL LITERATURE
"The origin of religion" by B. Lobovyk. Reviewed by I. Kurzhil. Sots. kul't. 14 no. 5:44 My '61.
"The origin of religion" by B. Lobovyk. Reviewed by V. Antonenko. Volov. ateist no. 4:60-62 Ap '61
These people were killed by God. V. Zelens'kyi. Volov. ateist. no. 5:24 My '61

RELIGION AND COMMUNISM see Communism and religion

RELIGION AND ETHICS see subdivision under Rome

RELIGION AND SCIENCE—HISTORY OF CONTROVERSY
Mezentsev, V. A. [Scientific foresight and religious prophecies; science and religion on foreseeing the future] Predvidenie nauki i prorochestva religii, nauka i religiia o predvidenii budushchego. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 129 p. (Nauchno-popularnaia biblioteka)

RELIGIOUS LIBERTY see subdivision under Czechoslovakia

REMBRANDT, HERMANSZOON VAN RIJN, 1606-1669
Theatrical personages in Rembrandt's sketches. V. Vol'skaia. Iskusstvo 24 no. 4:54-60 '61.

REMEZOV, NIL PETROVICH, 1899-1961
Nil Petrovich Remezov, obituary. Vest. Mosk. un. Ser. 6 Biol., pochv. 16 no. 2:76-79 Mr-Ap '61

REMOTE CONTROL
Contactless remote control unit with time division of the BTR-59 type channels for the control of disconnecting switches of the trolley system. V. IA. Ovlasiuk, N. D. Sukhoprudskii. Trudy TSNII MPS no. 209:19-45 '61.
Didenko, K. I., and Zh. A. Guseva. [New regulating and control equipment] Novaia apparatura kontrolia i regulirovaniia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 222 p.
Electromechanical drive for the valve gates of branched air ducts. A. S. Polarkov. Tekst. prom. 20 no. 3:72-73 Mr '60.
Instruments for the inspection and tuning of remote control equipment. V. IA. Ovlasiuk, N. D. Sukhoprudskii. Trudy TSNII MPS no. 209:46-52 '61.
Remote control of current intensity during electric welding. V. Kulikov. Rech. transp. 19 no. 2:43 F '60.
Remote control of the motion-picture projector for narrow films. M. Rubtsov. Tekh. kino i telev. 5 no. 5:62-63 My '61.
Remote control of the 3D12 engine of the LOTS-14 cutter. A. Mostovoi, A. Vazhov. Rech. transp. 19 no. 9:31-32 S '60
Remote-controlled motion-picture camera. L. Skobennikov. Iun. tekh. 5 no. 1:7-8 Ja '61
Smelting controlled by machine. Metallurg 6 no. 6:19 Je '61.
Technical and economic advantages of remote-controlled power supply systems for electrified railroads. A. N. Pronin. Trudy TSNII MPS no. 209:4-18 '61.

RENAL ARTERY
New simple method for controlled constriction of the renal and other arteries in small laboratory animals in a long-term experiment [with summary in English]. A. Kh. Kogan. Biul. eksp. biol. i med. 51 no. 1:112-115 Ja '61.

RENTAL AUTOMOBILES see Automobiles, Rental

RENTING OF EQUIPMENT, ETC.
On credit. D. Grigor'ev. Uzbekistan 10 no. 2:17 F '60

REPAIR AND SUPPLY STATIONS see subdivision under Smolensk Province

REPIN, IL'IA EFIMOVICH, 1844-1930
Ivanov, S. V. [Moscow in the life and works of I. E. Repin] Moskva v zhizni i tvorchestve I. E. Repina. [Moskva] Mosk. rabochii, 1960. 141 p.

REPORTERS AND REPORTING see subdivision under Kazakhstan

REPRODUCTION
Evolution of death in connection with the evolution of reproduction [with summary in German]. A. M. Lunts. Zhur. ob. biol. 22 no. 2:85-99 Mr-Ap '61.

REPRODUCTION, ASEXUAL
Inheritance of acquired production rhythmicity in Neomyzus circumflexus Buckt. (Aphidae) [with summary in English] E. S. Smirnov. Zhur. ob. biol. 22 no. 3:164-176 My-Je '61

RESEARCH
(see also subdivision under Uzbekistan)
Contribution of scientists of the institutions of higher learning to theory and practice. P. D. Lebedev. Vest. vys. shkoly 19 no. 5:90-96 My '61.
In the laboratories and institutes of our country. Tekh. mol. 29 no. 4:10 Ap '61.
Statistical evaluation of the results of experimental investigations. I. A. Oivin. Pat. fiziol. i eksp. terap. 4 no. 4:76-85 Jl-Ag '60.
Those who look ahead. I. Radunskaia. Nauka i zhizn' 28 no. 4:27-31 Ap '61.

RESEARCH, INDUSTRIAL see subdivision under Leningrad

RESERPINE
Effect of analgetic and neuroplegic substances on the coronary chemoreflex [with summary in English]. I. N Pidevich Biul eksp biol i med. 51 no 1 55-59 Ja '61.
Effect of reserpine on the enterochromaffin cells of the small intestine [with summary in English]. M I Shkarenkova Biul eksp biol i med. 51 no 2 78-79 F '61
Intraocular pressure and pressure in the central artery of the retina in patients with hypertension and glaucoma following the use of reserpine [with summary in English]. O. I. Koboleva. Oft. zhur. 16 no.3 139-144 '61.

RESERVOIRS
(see also subdivision under Soviet Central Asia)
Formation of benthic fauna in artificial reservoirs and some problems of the theory of evolution related to this processes [with summary in English] G B Gavrilov Zhur ob biol 22 no 3 203-210 My-Je '61
Hydrological basis for calculating the transformation of reservoir shores N A Lebedevskii Trudy Okean kom 6 98-103 '61
Results of geomorphological observations on reservoir shores A D Kolbutov Trudy Okean kom 6 226-241 '61
Significance of hydroelectric power station reservoirs for various branches of the national economy A B. Avakian Gidr. stroi 31 no 1 27-32 Ap '61
Use of asphalt-concrete lining. G. M. Kuzovlev, S. P. Ganeev. Gidr stroi 30 no. 5 22-26 My '60.

RESHETNIKOV, FEDOR MIKHAILOVICH, 1841-1871
F. M. Reshetnikov in the campaign for the democratic literature of the 1860's, his work "The inhabitants of Podlipnaia." M P TSeboeva Uch zap Kish un 36 66-80 '59

RESIN ACIDS
Resin acids of the oleoresin of the spruce Picea ajanensis Fisch Kh A Cherches, I. I Bardyshev, O T Ivachenko Zhur prikl khim 34 no 10:2361-2364 O '60

RESINS see Gums and resins

RESINS, SYNTHETIC
Laboratory synthesis of a polyester glycerin-adipic acid resin. I. M Gaponenko Khim. v shkole 15 no 2. 85-86 Mr-Ap '60.
Method for preparing the new resin "ekra." A. P. Antykov Zhur. prikl khim. 33 no 10,2371-2373 O '60
Molding compositions with wood filler having high electric insulation properties. Z. S. Utianskii, M. N. Bragina. Plast. massy no. 6:11-13 '61.
Swelling of cation-exchange resins in mixed solvents [with summary in English]. G. M. Panchenkov, V. I. Gorshkov. Vysokom. soed. 3 no. 2,177-183 F '61.
Use of plant waste for the preparation of resins based on furfurole. A. A Shcherbakov. Khim. v shkole 15 no. 2 72-75 Mr-Ap '60.
Use of synthetic resins in industry. E. Kondrashina. Mashinostroitel' no. 5 46 My '61.

RESONATORS
Directional filter with two-ring resonators B B Bagovetov. Nauch dokl vys shkoly, radiotekh i elektron no 2 81-83 '59
Resonator of the second order IU. N. Bolotov. Nauch. dokl vys. shkoly, radiotekh i elektron no 2 152-159 '59

RESORCINOL
Chemistry of dihydroresorcinol. Report No. 5: Reactions of cyclic β-dicarbonyl compounds with hydrogen peroxide in an alkaline medium. S I Zav'ialov, A F Vasil'ev, I P. Vinogradova Izv AN SSSR Otd khim nauk no. 5:849-853 My '61

RESORTS see Summer resorts

RESPIRATION
Change in the relationship of respiratory and circulatory functions during ontogeny as affected by different factors S. M. Krents Uch zap. TGU no 36:220-239 '60
Changes in breathing related to inhibition and facilitation of signal reflexes during stimulation of the reticular formation B F. Antelidze, S M. Butkhuzi, S. P. Narikashvili. Soob. AN Gruz. SSR 24 no. 1,81-88 Ja '60
Constant nature of conditioned respiratory reflex manifestations and consideration of its significance in the evaluation of cortical dynamics in man [with summary in English]. Z. I Birtukova. Biul. eksp. biol. i med. 50 no. 7,13-17 Jl '60
Effect of pulmonary ventilation on the lesser circulation. V. V. Parin. Pat. fiziol. i eksp. terap 4 no. 4:7-13 Jl-Ag '60.
Electromyographic analysis of changes in the function of the respiratory musculature following resistance to respiration before and following section of the vagus nerve [with summary in English]. In' Chi-chzhen [Yin Ch'ih-chang]. Biul. eksp. biol. i med. 50 no. 10:34-40 O '60.
Gas exchange and hemodynamics in experimental portal hypertension with ascites [with summary in English] G. I Markovskaia Pat. fiziol. i eksp terap 4 no 1 26-32 Jl-Ag '60.
Gas exchange in experimental hypothalamic adiposity [with summary in English] IA M Kabak, S. M Leites, V P. Al'khimenok. Biul. eksp. biol. i med. 51 no. 2 14-20 F '61.
Georgievskaia, L. M. [Regulation of gas exchange in chronic cardiac and ventilation insufficiency, transport of gases by the blood] Reguliatsiia gazoobmena pri khronicheskoi serdechnoi i ventilliatsionnoi nedostatochnosti, transport gazov krovi'iu. [Leningrad] Gos. izd-vo med. lit-ry. Leningr. otd-nie, 1960. 223 p. (DNLM)
Influence of laryngectomy on pulmonary reception [with summary in English]. L. I TSukerborg. Vest. otorin. 22 no. 1 48-51 Ja-F '60.
Interaction between the leukocyte and motor reactions and respiration in the elaboration, extinction, and sudden inhibition of the defense reflex V V Suchkov Fiziol zhur. 47 no 2:195-201 F '61
Irradiation of respiratory impulses to the vascular system in disorders of nervous activity. K. V. Stroikova. Pat. fiziol i eksp. terap. 5 no. 2 63 Mr-Ap '61.
Mechanism of change in chemoreceptors of the blood vessels in reflex adaptation [with summary in English] V. V. Fiol'kis, Z. I. Bushmakina, I. V. Shchegoleva. Biul eksp. biol. i med 51 no 1:8-13 Ja '61.
Mechanisms of reflex responses in respiration and blood circulation caused by the intravascular injection of certain substances [with summary in English] V I Grachev. Biul. eksp. biol. i med. 51 no. 1 18-23 Ja '61.
Method for recording respiration in man during physical work performed in an isolation suit B A Alpat'ev, I N Kondrat'eva, G B. Minaeva Gig i san 25 no 3 70-72 Mr '60
Origin of respiratory waves of arterial pressure [with summary in English]. IA. L IAnyi. Pat. fiziol. i eksp terap 4 no. 1 57-61 Jl-Ag '60
Pattern and localization of automatism formed in the respiratory center of frogs [with summary in English]. Z. S. Dontsova. Biul. eksp. biol. i med. 50 no 7 21-26 Jl '60.
Petrun', N. M. [Gas exchange through the skin and its importance for the human organism] Gazoobmen cherez kozhu i ego znachenie dlia organizma cheloveka. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 176 p.
Reflex response in blood circulation and respiration produced by antigen contact with chemoreceptors of the skeletal muscles [with summary in English] G A Erzina. Pat. fiziol i eksp terap 4 no 2 37-41 Mr-Ap '60
Reflexes from the interoceptors of the sigmoid sinus of the dura mater [with summary in English]. G. M Starikov Zhur ush., nos. i gral bol. 20 no 1 59-63 Ja-F '60
Respiration and associated phosphorylation in homogenates and mitochondria of the heart muscle in experimental myocarditis in rabbits [with summary in English]. A. M Zubovskaia. Biul. eksp. biol i med. 51 no. 3 55-58 Mr '61.
Respiration, glycolysis, and the level of high-energy compounds (adenosine triphosphoric acid, phosphocreatine) in brain tissues in carbon monoxide poisoning [with summary in English]. E. B. Sopotsinskaia, I. A Gordienko. Pat. fiziol. i eksp. terap. 5 no. 2 53-56 Mr-Ap '61
Respiratory disorders in patients with circulatory insufficiency. A. M Masuev. Terap. arkh. 33 no. 4 26-31 '61.
Significance of the cerebral hemispheres in the pathogenesis of asymmetry and other disorders of respiration N A Merkulova, B IA. Peskov Fiziol zhur 47 no. 2:178-184 F '61.
Some main problems of respiratory insufficiency. I. T. Lukakov. Terap. arkh. 33 no 4.84-108 '61.
Some problems of pulmonary insufficiency in thoracic surgery. M. Kh. Dzhanbaev. Khirurgiia 37 no 5: 58-63 My '61.
Specificity of carbohydrate and oxidative metabolism in tumor tissue V I Agol. Usp sovr biol 49 no 1 37-53 Ja-F '60.
Studies on the effect of subarachnoid mycerin on the central nervous system under experimental conditions [with summary in English]. V. F. Imshenetskaia, N IA Vasin. Antibiotiki 6 no 1 44-49 Ja '61

RESPIRATORY ORGANS—DISEASES
Clinical aspects of scleroma of the respiratory organs. G. TS. Pines, N. M. Kovrizhko. Zhur. ush., nos i gorl. bol. 20 no. 1,73-75 Ja-F '60.
Disorders of respiratory and circulatory function in chronic fibrous-cavernous pulmonary tuberculosis and their pathogenesis [with summary in French]. G. I. Kositskii and others. Probl. tub. 38 no. 3,75-83 '60.
Features of lesions of the respiratory organs in whooping cough V D Soboleva Vest AMN SSSR 15 no. 3 33-38 '60.
Peripheral vascular system following disorders in nasal respiration of varying etiology. A. Z Dubrovskii Zdrav. Turk. 5 no. 2:27-29 Mr-Ap '61.

RESPIRATORY ORGANS—INNERVATION
Influence of closed pneumothorax on the afferent and efferent pulsation in the nerve conductors of the respiratory apparatus [with summary in English] M. I Vinogradova. Biul. eksp biol. i med. 50 no. 10 10-15 O '60.

RESTAURANTS, LUNCHROOMS, ETC.
(see also subdivision under Armenia, Kazakhstan, Kiev Province, Lvov, Moscow, Rostov-on-Don, Stavropol; Tiflis, Transbaikalia; Yelkin)
Conference of the Central Culinary Council of the Main Workers' Supply Administration. Obshchestv. pit. no. 5:37-39 My '61.
Good lunchroom for each state farm. Obshchestv. pit. no. 5:1-2 My '61
In the All-Union Central Council of Trade Unions. Sov. profsoiuzy 17 no. 10 14-15 My '61.
Letters to the editor. Obshchestv. pit. no. 5:50-51 My '61.
Mikhail Andreev, a village cook. B. Morozov. Obshchestv. pit. no. 5:7-8 My '61
Pleasant, sanitary, attractive. A. Kolmovskaia. Obshchestv. pit. no. 5:44-46 My '61.
Self-service cafeteria. V. Khrenov. Obshchestv. pit. no. 5:41-43 My '61.

RESTAURANTS, LUNCHROOMS, ETC.—ACCOUNTING
(see also subdivision under Leningrad; Sverdlovsk Province)
For a wider introduction of the operational method of accounting in public dining enterprises A Anisov Bukhg. uchet 18 no 5 7-14 My '61

RESTAURANTS, LUNCHROOMS, ETC.—AUDITING AND INSPECTION
In the All-Union Central Council of Trade Unions. Sov. profsoiuzy 17 no 11 17 Je '61.

RESTAURANTS, LUNCHROOMS, ETC.—EMPLOYEES see subdivision under Baku

RESTAURANTS, LUNCHROOMS, ETC.—EQUIPMENT AND SUPPLIES
An automatic kitchen cooks dinners. S. Shantyr. Ukraina no. 10 7 My '61.
Self service line. M. Gromov, B. Kriksunov. Obshchestv. pit. no. 5:59-62 My '61.

RESTAURANTS, LUNCHROOMS, ETC.—LABOR PRODUCTIVITY
Labor productivity rise up to 67%. V. Klovatskii. Obshchestv. pit no. 5:40 My '61.

RESTAURANTS, LUNCHROOMS, ETC.—PERIODICALS
Conference of readers. Obshchestv. pit. no. 5:40 My '61.

RESUSCITATION
Changes in the cerebral circulation produced by intra-arterial infusion of blood during the restoration of life processes [with summary in English]. G. I. Mchedlishvili. Pat. fiziol. i eksp. terap 4 no 4 15-20 Jl-Ag '60
Morphology of vascular baroreceptors in dogs after clinical death [with summary in English]. E. B. Khatsman, T. N. Grozdova. Biul eksp biol i med 51 no 3:110-115 Mr '61.
Pathophysiology and treatment of terminal states N. P. Romanova Vest AMN SSSR 14 no 5 87-90 '59
Retreat of death. P. Soval'nova. Nauka i zhizn' 28 no. 4 45-50 Ap '61.

RETAIL TRADE
(see also subdivision under Grodno Province)
Editor's mail. Sov. potreb. koop. 4 no. 4,48,52-53 Ap '60.
Progressive workers of the seven-year plan. V. Kornienko. Sov. potreb. koop. 4 no. 4:30-33 Ap '60.

RETAIL TRADE—ACCOUNTING
Accounting in state commerce V. Smirnov. Bukhg. uchet 18 no 5 5-7 My '61
Improve accounting in trade Bukhg uchet 18 no. 5 1-4 My '61.
Let's expand the role of accountants in economies N Il'in Sov torg. 34 no 5 13-17 My '61

RETAIL TRADE—INVENTORIES
Let's improve the planning of inventories Sh Afrutkin. Sov. torg 34 no. 5 9-13 My '61

RETAIL TRADE—LABOR PRODUCTIVITY
Measuring labor productivity in Soviet trade. I. L. Fridman. Nauch. zap. Len. fin.-ekon. inst. no. 19: 142-159 '59.

RETAINING WALLS
Experimental determination of soil pressure on flexible retaining walls. V. F. Ratuk. Osn., fund i mekh. grun. 3 no. 2:8-10 '61

RETICULO-ENDOTHELIAL SYSTEM
Effect of ionizing radiation on the functional state of the reticuloendothelial system M S Konstantinova, T I. Mazina, M. M. Reidler Fiziol zhur 47 no. 2:226-230 F '61.

RETINA—BLOOD SUPPLY
Intraocular pressure and pressure in the central artery of the retina in patients with hypertension and glaucoma following the use of reserpine [with summary in English]. O. I. Kobozeva. Oft. zhur. 16 no. 3 139-144 '61.

RETINA—DISEASES
Local dark adaptation in detachment of the retina [with summary in English]. L. M. Miroshnikova. Oft. zhur. 16 no. 3 170-174 '61.
Prognostic significance of the intensity of the intraocular pressure in detachment of the retina [with summary in English]. Z. A. Filatova. Oft. zhur. 16 no. 3 174-178 '61.

REVOLUTIONARY POETRY, UKRAINIAN
Epic of a revolutionary feat. V. Kostan. Sov. Ukr. 11 no. 5, 145-151 My '61.

REVOLUTIONISTS
The Paris Commune and the Russian revolutionaries of the 1870's. B. S. Itenberg. Ist. SSSR 5 no. 2 155-163 Mr-Ap '61

REVOLUTIONISTS, RUMANIAN
I. O. Dik-Dicheseu, a Rumanian internationalist. V. A. Kondrat'ev. Nov. i noveish. ist. no. 3 109-113 '61

REVOLUTIONS see also subdivision 'February Revolution, 1917' under Russia, subdivision 'Revolution 1917-1921' under Bukhara, Daghestan; Georgia, Kazakhstan; Leningrad; Moldavia; Moscow; Russia, Semirech'ye, Shepetovka, Soviet Central Asia, Turkestan, Turkmenistan, Transcaucasia, Ukraine, White Russia, subdivision 'Revolution 1918-1919' under Hungary, subdivision 'Revolution of 1905' under Poland

REVUELTAS, SILVESTRE, 1899-1940
Silvestre Revueltas and Mexican folklore. P. Pichugin. Sov. muz. 25 no. 5:170-176 My '61

REWARDS (PRIZES, ETC.)
Consultation for inventors and efficiency promoters. Stan. i dor. mash. 6 no. 2, 40 F '61.
In the Presidium of the Supreme Soviet of the U. S. S. R. Gidr. stroi. 30 no. 5 1 My '60.
New detachment of Honored Physicians of the White Russian S. S. R. Zdrav. Belor. 6 no. 4 75-76 Ap '60.
Rewards for drivers. G. Rebrova. Sel'. mekh. no. 5:25-26 '61.

REZHIK REGION—FELDSPAR
New deposit of feldspar as raw material for the ceramic and glass industries. S. M. Kupfer. Stek. i ker. 18 no. 3: 25-27 Mr '61.

RHENIUM—ANALYSIS
Photometric determination of rhenium by use of diethyldithiophosphoric acid [with summary in English]. A. I. Lazarev, V. V. Rodzevskii. Zhur. anal. khim. 16 no. 2:243-244 Mr-Ap '61.

RHENIUM COMPOUNDS
Synthesis of complex fluorides of hexavalent rhenium. N. S. Nikolaev, E. G. Ippolitov. Dokl. AN SSSR 136 no. 1:111-113 Ja '61

RHENIUM SILICIDE
Rhenium disilicide as a new high-melting semiconductor. V. S. Neshpor, G. V. Samsonov. Fiz. met. i metalloved. 11 no. 4:638-640 Ap '61.

RHENIUM-TUNGSTEN ALLOYS see Tungsten-rhenium alloys

RHEUMATIC FEVER
Clinical aspects of neural lesions in rheumatism [with summary in French]. T. G. Gloriozova. Zhur. nevr. i psikh. 60 no. 3 262-268 '60.
Differential diagnosis of tuberculous meningitis and rheumatic meningoencephalitis [with summary in French]. V. F. Elufimova. Probl. tub. 38 no. 3: 68-74 '60.
Effect of various types of treatment of the dynamics of immunological indices in rheumatic fever in children. E. S. Ryseva, E. K. Miaserova. Vest. AMN SSSR 15 no. 3 45-52 '60.
Histopathology of cerebral rheumatism [with summary in French]. K. N. Chetisova. Zhur. nevr. i psikh. 60 no. 3 269-272 '60.
Nature of substances giving a diphenylamine reaction with sera of rheumatic patients. E. G. Larskii. Vop. med. khim. 6 no. 2:140-150 Mr-Ap '60.
"Neurological syndromes in rheumatic fever and in so-called collagen diseases" by I. Hausmanowa-Petrusewicz, E. Herman. Reviewed by I. Stankevich. Zhur. nevr. i psikh. 60 no. 3 377-378 '60.
"Rheumatic encephalitis" by B. N. Manikovskii. Reviewed by L. I. Gelfer. Zhur. nevr. i psikh. 60 no. 11: 1545-1546 '60.
Rheumatic fever in children. G. L. Fabrikant. Fel'd. i akush. 25 no. 4:35-39 Ap '60.
Role of health education in controlling rheumatic fever in children [with summary in English]. L. A. Rybakova. Sov. zdrav. 20 no. 5:44-49 '61.
Role of pediatric rheumatic sanatoria in the prevention of acute forms of rheumatic fever [with summary in English]. A. M. Amrain. Sov. zdrav. 20 no. 5 26-28 '61.
Study of the role of some biochemical disorders in the pathogenesis of rheumatic fever. A. A. Titaev. Vest. AMN SSSR 15 no. 3 52-57 '60.

RHEUMATIC HEART DISEASE
Clinical aspects of the interparoxysmal period of rheumatic fever in children. F. A. Bogomolova. Med. sestra 20 no. 3 15-20 Mr '61.

RHEUMATISM—CONGRESSES
Fourth European Rheumatology Congress. A. I. Nesterov. Vest. AMN SSSR 15 no. 4 75-80 '60.

RHINOSCLEROMA
Pathohistological changes following the action of Gordeev's solutions No. 1 and No. 2 on scleromous granuloma and cicatrices. M. IA. Polunov. Zhur. nsh., nev. i gorl. bol. 20 no. 1 81 Ja-F '60.
Role of farm animals in the infection of human beings with scleroma. N. A. Israitel', O. V. Davydov, A. P. Krasil'nikov. Zdrav. Belor. 6 no. 4 26-30 Ap '60.

RHIZOSPHERE MICROBIOLOGY
Effect of radioactive phosphorus (P^{32}) on the multiplication of rhizosphere bacteria. V. T. Smalii. Mikrobiol. zhur. 23 no. 1 28-31 '61.

RHODANINE
Derivatives of azolidine as organic reagents in inorganic analysis. Report No. 3: Characteristic reactions of rhodanines. B. M. Turkevych. Farmatsev. zhur. 15 no. 1:15-20 '60.
Rhodamine dyes and related compounds. Part I. Original parent compound of rhodamine, its preparation and properties. I. S. Ioffe, V. F. Otten. Zhur. ob. khim. 31 no. 5 1511-1516 My '61

RHODESIA AND NYASALAND—POLITICS AND GOVERNMENT
The struggle of the African National Congress of Nyasaland to withdraw from the Federation. L. A. Demkina. Krat. soob. Inst. vost. no. 41 67-73 '59.

RHODODENDRON see subdivision under Okhotskaya

RHODOPSEUDOMONAS PALUSTRIS
Amino acid utilization by the purple bacteria Rhodopseudomonas palustris. E. A. Petrova. Dokl. AN SSSR 136 no. 1,218-221 Ja '61

RHUBARB
Effect of certain herbicides on the thistle Cirsea carthamoides and the Siberian rhubarb. V. I. Bukin. Biul. Glav. bot. sada no. 38 85-88 '60.

RIBOSE
Significance of ascorbic acid in the formation of desoxypentose compounds due to the effect of animal tissue extracts [with summary in English]. B. I. Gol'dshtein, V. V. Gerasimova. Biokhimiia 25 no. 2 340-343 Mr-Ap '60.

RIBS—DISEASES
Pseudotumor of the costal cartilage (Tietze syndrome). I. G. Silina, A. V. Talalaeva. Vop. onk. 7 no. 2:51-56 '61

RICCI, RUGGEIRO
Ruggeiro Ricci. L. IAmpol'skii. Sov. muz. 25 no. 6:165-166 Je '61.

RICE
(see also subdivision under Kzyl-Orda Province)
Optimum water balance of rice fields in the period from sowing to the emergence of sprouts. N. M. TSukerman. Nauk. pratsi Ukr. nauk.-dosl. inst. zrosh. zeml. 1:198-200 '59.
Rice cultivation as a method for desalting Solonchaks in central Fergana. A. F. Shelnev, T. P. Kriuger. Izv. AN Uz. SSR no. 6 25-31 '56

RICHTER, HANS WERNER, 1908-
The first commandment ("Thou shalt not kill"); a novel by Hans Werner Richter. Reviewed by Boris Slutskii. Inostr. lit. no. 4 259-260 Ap '61

RICKETS
Massage and exercise as a therapeutic factor in rickets in children. Z. S. Machkhina. Med. sestra 20 no. 3: 32-34 Mr '61.
Role of the nurse in the control of rickets. E. D. Zabludovskaia. Med. sestra 20 no. 3:26-31 Mr '61.

RICKETTSIAL DISEASES
Clinical aspects, treatment, and pathogenesis of polycyclical (five-day fever) and paroxysmal rickettsioses. E. A. Gal'perin. Lech. infekts. bol'. no. 3:20-30 '57.

RIEMANN SURFACES
One theorem of the existence of rational functions on Riemann surfaces. V. G. Mikhal'chuk. Dokl. AN SSSR 136 no. 2:293-296 My '61.

RIFLE PRACTICE
Rifle fire. Voen. vest. 40 no. 10 90-91 O '60

RIGA—SILK MANUFACTURE
Work well done. V. Korneev. NTO 3 no. 5-9 My '61

RIGA—TELEVISION STATIONS
Some information on the technology of broadcasting. G. Lunts. Sov. radio i tel. 8 no. 4-35-37 '59.

RIGHT OF PROPERTY
General concept of the right of private property. A. A. Loshenko. Biul. SNO LGU no. 2 91-105 '59

RIMSKII-KORSAKOV, NIKOLAI ANDREEVICH, 1844-1908
Grigor'ev, S. S. [The melodies of Rimskii-Korsakov] O melodike Rimskogo-Korsakova. Moskva, Gos. muzykal'noe izd-vo, 1961. 195 p.

RING COMPOUNDS see Cyclic compounds

RIVANOL
Transfer to staphylococci of resistance to rivanol, streptomycin and copper by means of acellular extracts [with summary in English]. V. A. Lambina. Mikrobiologiia 30 no. 1 60-66 Ja-F '61.

RIVERS
(see also subdivision under Pamirs, Soviet Central Asia; West Siberian Lowland)
Hydraulics of the synchronized operation of a hydroelectric power station cascade on flat rivers. E. A. Sozanskii. Gidr. stroi. 31 no. 1 44-48 Ap '61
On rivers in June. N. T. Kuznetsov. Priroda 50 no. 6 124 Je '61.

RIVERS—REGULATION
Calculating the stabilization of channel banks at structure corners presenting a streamlining problem. V. Balanin. Rech. transp. 20 no. 5 31-33 My '61.
Choosing temporary channels in straightening out rivers with unstable channels. N. Makkaveev. Rech. transp. 19 no. 3 39-42 Mr '60
Man orders "Rivers, turn around!" V. Shedubskii, Iu. Nikolaev. Znan. sila 36 no. 5 1-2 My '61
Ob' and Yenisey Rivers, we are waiting to see you in the South! Engineer designs new rivers. M. Davydov. Tekh. mol. 29 no. 4 19-21 Ap '61.
Power-propelled sunken-tree lifter. V. Khalitonov, V. Zaitsev. Rech. transp. 20 no. 5:54-55 My '61.
Regulating temporary used river sections. N. Shelgunov. Rech. transp. 19 no. 3 49-50 Mr '60

RIVERS—TEMPERATURE
Effect of changes in the temperature of water on river bed processes. A. Sergeevskii. Rech. transp. 20 no. 3 35-37 Mr '61

RIVETS AND RIVETING—STANDARDS
Standardized rivets for one-sided riveting. D. F. Gerasimov. Standartizatsiia 25 no. 5:59 My '61.

ROACH (FISH)
The eurytopic ability of the roach Rutilus rutilus heckeli (Nordm.). I. IA. Bytovatskii. Nauch. dokl. vys. shkoly, biol. nauki no. 2:49-50 '61

ROAD CONSTRUCTION
(see also subdivision under Bashkiria; Crimea; Krasnoyarsk Territory, Omsk Province; Ukraine)
Building a road in a swamp. P. Tarasov. Voen. vest. 40 no. 10 73-74 O '60
Control of landslides on mountain roads. I. V. Korzhenevskii and others. Avt. dor. 24 no. 4:13-15 Ap '61.
Goncharenko, V. A., and A. G. Sokolovskii. [Planning and economics of the building and repair of roads] Planirovanie i ekonomika stroitel'stva i remonta avtomobil'nykh dorog. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 198 p.
Important condition for the further development of agriculture. Avt. dor. 24 no. 3:1-2 Mr '61.
Improvement of quality is the main objective of road builders. Avt. dor. 24 no. 4:1-2 Ap '61.
Introducing electric heating of bitumen in highway maintenance sections. V. K. Galimskii, E. A. Maksin. Avt. dor. 24 no. 4.12-13 Ap '61.
Nekrasov, V. K., and others. [Handbook for the road construction technician] Spravochnik tekhnika dorozhnika. Izd. 3., perer. i dop. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1960. 767 p.
Results achieved by integrated crews of the R. S. F. S. R. Main Road Administration during 1960. A. Naidenov, N. Rozov. Avt. dor. 24 no. 3:5-6 Mr '61.
Road building on livestock farms. P. Gol'berg. Sel'. stroi. 15 no. 3:35 Mr '61.
Targulian, IU. O. [Artificial structures over streams subject to icing] Iskusstvennye sooruzhenila na vodotokakh s nalediami. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 78 p.

ROAD CONSTRUCTION (Continued)
Twenty-second Congress of the CPSU deserves a worthy reception. Avt.dor., 24 no.3 6 Mr '61.
Use of surface active agents in road construction. E.I. Rabovskii. Avt.dor. 24 no 1 7-8 Ap '61

ROAD MACHINERY
(see also subdivision under United States)
New heatproof friction material for construction and road machines. B.I Rodin Stroi.i dor.mash 6 no 2:15-16 F '61.
Universal slope planers. V.G.Klement'ev, D.A. Shalman, M.I.Estrin. Stroi.i dor.mash 6 no.2 8-10 F '61.

ROAD MACHINERY INDUSTRY
In the State Committee on Automation and Machine Construction of the Council of Ministers of the Soviet Union. Stroi.i dor.mash. 6 no.2:40 F '61.
January Plenum of the CPSU and the problems of construction and road machinery manufacture. Stroi.i dor. mash. 6 no.2 3 F '61.

ROADS
Highways of the Russian Federation must be of excellent quality. A.V Naidenov, N.A. Rozov Avt.dor. 24 no.4 2-4 Ap '61.
Needed book ("Service buildings along automobile highways" by A.S Kombkov. Reviewed by L.V. Novikov). Avt.dor 24 no 1.27 Ap '61.

ROADS—COSTS
Lowering the net cost of road operations. G.I. Ponomarenko, R.A. Nemirovskii. Avt.dor., 24 no.3:7-8 Mr '61.

ROADS—MAINTENANCE AND REPAIR
Better utilization of the mobile highway maintenance and repair unit. G. Savchenko Avt dor., 24 no.4.26 Ap '61.

ROADS, CONCRETE
Concrete made of soil cement and its use in road construction V Bezruk, L Gurevich. Zhil -kom khoz., 11 no 2 6-8 F '61.
Function of the thickness of the sand layer under the concrete coating. T.M. Soskin Avt.dor., 24 no 1.8-10 Ap '61.

ROADSIDE IMPROVEMENT
Tree planting along automobile highways in the Russian Federation V.I. Belashev, I P. Denisov Avt.dor., 24 no 4 15-16 Ap '61.

ROBBERY see subdivision under Europe, Western

ROCK DRILLS
(see also subdivision under East Kazakhstan Province, Krivoy Rog Basin)
Automatic drill with force feed for boring blast holes in mining. V.M. Volzhskii, N.I. Podolisko. Izv.vys. ucheb.zav., gor.zhur. no.11:60-65 '59.
Automatically-rotated stopper for hammer drills F N Rybkov. Gor zhur no 3:68-69 Mr '60
Controlling the excessive wear of small diamond head. V.I.Bochkarev. Razved.i okh.nedr 27 no.2 60 F '61
Drilling machines fitted with cycloidal cutting mechanisms N F Rudenko Izv vys ucheb.zav., gor zhur no 2 106-112 '60
Effect of the spirality of a helicoid pair on the parameters and productivity of rock drills V K Bubok Izv vys ucheb. zav., gor. zhur no 2 117-122 '60
Method of choosing a rope for rope drills. N.E. Markman. Izv.vys.ucheb.zav.; gor.zhur. no.11:60-71 '59.
New machine for drilling gas-removal holes. E.P. Ianson, R.S. Arganchiev. Ugol' 36 no.6 50 My '61
Nomogram for designing drilling hammers. IU.N. Popov. Izv.vys.ucheb.zav., gor.zhur. no.9:90-91 '59.
Possible methods of measuring and controlling the distance between the burner and the drilling surface in thermal piercing. P.A.Shamin. Izv.vys.ucheb.zav.,gor. zhur. no.3.58-78 '60.
Quiet hammer drills. B IA.Konograi Gor zhur no.3:67 Mr '60.
Research on the parameters of the internal process of the percussion action in pneumatic machines. V.V. Ilshin Izv.vys.ucheb.zav., gor zhur. no.2.113-116 '60
Response to B.A.Katanov's article "Improving the cutters for rotary drilling of boreholes." B.B.Martian. Ugol' 36 no.4:57-58 Ap '61.
Theoretical basis for the design of boring bit units for the UZTM rig. D.S.Murav'ev, L.G.Podolisko. Trudy Inst.gor.dela 5:75-89 '60.

ROCK DRILLS—PNEUMATIC DRIVING
Rate of boring with pneumatic hammers and expenditure of air as functions of compressed air pressure. N.U. Turuta, V.D. Legeza, L.V. Filatov. Izv.vys.ucheb. zav., gor.zhur. no.11:51-53 '59.

ROCK PRESSURE
(see also subdivision under Kursk Magnetic Anomaly)
Akademiia nauk SSSR. Institut gornogo dela. [Research on rock pressure] Issledovaniia gornogo davleniia. Moskva, Gos.nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 446 p.
Research on rock pressure in vertical shafts in sloping seam beds in the Donets Basin G A. Krupennikov. Shakht.stroi. 5 no 4:10-17 Ap '61
Rock pressure manifestations during the mining of areas overlying stoped workings. L.P Lunov, IU D Snegirev, M M. Vial'tsev. Ugol' 36 no 5 20-23 My '61.

ROCK PRESSURE—MODELS
Investigating rock pressure on ring supports in level workings by means of centrifugal modeling. G.A.Baklanenko, V.T.Glushko Izv.vys.ucheb.zav., gor.zhur. no 6 32-36 '60

ROCKETS (AERONAUTICS)
Two classes of plane extremum motions of a rocket in a vacuum IU A Gorelov Prikl mat i mekh 24 no 2 303-308 Mr-Ap '60

ROCKS
(see also subdivision under Korusten' region, Lvov Economic region, Sayan Mountains)
Investigating the physical properties of rocks in coal deposit synclines. N.T.Kidin lnyi Izv.vys.ucheb. zav., gor.zhur no.6 37-45 '60
Poisson ratio as a characteristic of rock density. A.P. Legat. Izv.vys.ucheb.zav., gor.zhur. no.6:53-58 '60
Thermoluminescence and age of rocks. G.F. Komovskii. Priroda 50 no.5:90-93 My '61.

ROCKS—ANALYSIS
(see also subdivision under Carpathian Mountain region; Krivoy Rog Basin)
Processing data from external check analyses of rocks. Chio P'eng-ta Trudy MGRI 38 76-82 '60
Representing the results of the determination of the physical properties of rocks by means of variation curves. A.S. Poliakov. Razved.i okh.nedr 27 no.2:50-53 F '61.

ROCKS—MAGNETIC PROPERTIES
Possibility of establishing causes of ablation of rock from magnetic susceptibility as in the case of the Maikop series in the northeastern portion of Ciscaucasia M N Smirnova, T V IAkovleva Trudy GINI no 21 120-126 '60

ROCKS—PERMEABILITY
Results of the competition for the best suggestion on mechanization and automation of drilling operations and methods for determining the porosity and permeability of rocks. Razved.i okh.nedr 27 no.3 62-63 Mr '61.

ROCKS—TESTING
Baron, L.I., and A.V. Kuznetsov. [Abrasiveness of rocks in mining operations] Abrazivnost' gornykh porod pri dobyvanii. Moskva, Izd-vo Akad.nauk SSSR, 1961. 160 p.
Scientific bases of laboratory tests of a mining engineering nature. L.I. Baron. Trudy Inst.gor.dela 5 108-112 '60
Studying the physicomechanical properties of rocks under high pressures [with summary in English]. M.P. Volarovich. Geol.i geofiz. no.4:13-21 '61.

ROCKS—THERMAL PROPERTIES
Akademiia nauk SSSR. Institut merzlotovedeniia. [Heat exchange and mass transfer in frozen soils and rocks] Teplo- i massoobmen v merzlykh pochvakh i gornykh porodakh. Moskva, 1961. 110 p.
Investigating the heat conductivity of rocks in connection with research on the thermal method of boring. L. Galinskii, L. Kuzinov, P.I. Voronov. Nauch.rab. stud.GNSO MGI no.7:61-68 '59.

ROCKS, CARBONATE
Admixture elements as activators of luminescence in carbonate rocks A E. Peryukhina Trudy Inst.min., geokhim.i kristallokhim red elem. no.3 227-235 '59.
Forms of migration and concentration of calcium carbonates in loess soils of White Russia, K.I. Lukashev, S.G. Dromashko, I.A.Dobrovol'skaia. Dokl.AN BSSR 5 no.4:163-167 Ap '61.
Using sand with carbonaceous impurities in the production of ceramics. B.I. Terekhovskii. Stek.i ker. 18 no.3: 23-25 Mr '61.

ROCKS, IGNEOUS
(see also subdivision under Angara River; Borgoy Valley; Kaikanata region; Kola Peninsula; Kuznetsk Ala-Tau; Mugodzhar Hills; Podkamennaya Tunguska Valley; Sandyk Mountains; Sayan Mountains; Transcarpathia; Ural Mountains; Vishnevyye Mountains)
Akademiia nauk SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. [Principles of the geological mapping of intrusive and extrusive formations as exemplified by petrographic studies in Kazakhstan, Transbaikalia, the Northern Caucasus, and Maritime Province] Printsipy geologicheskogo kartirovaniia intruzivnykh i effuzivnykh formatsii na primere petrograficheskikh issledovanii Severnogo Kavkaza, Kazakhstana, Zabaikal'ia i Primor'ia. Moskva, Gos.nauchno-tekhn. izd-vo lit-ry po geol.i okhrane nedr, 1960. 341 p.
Logarythmically normal distribution of element concentrations in igneous rocks [with summary in English]. D A. Rodionov. Geokhimiia no 1 321-327 '61
New data on the Devonian stratigraphy and volcanism of the eastern Verkhoyansk Range K.K. Levashov Izv. Sib.otd AN SSSR Geol i geofiz. no 1 64-71 '58
Relation between the behavior of zirconium and hafnium and the petrochemical characteristics of magmatic and alkaline-metasomatic rocks [with summary in English] I D. Shevaleevskii, A S. Pavlenko, E.E. Vainshtein. Geokhimiia no.3 222-230 '60.

ROCKS, SEDIMENTARY
(see also subdivision under Asia; Bashkiriia, Ust'-Urt)
Alteration stages of sedimentary rock and the paragenetic relationships of mineral fuels [with summary in English] I.I Ammosov. Sov.geol 4 no.4:7-24 Ap '61
Helium diffusion through sedimentary rocks [with summary in English] R Newton, G.F. Round Geokhimiia no.3 352-353 '61
New method of measuring the oxidation-reduction potential of sedimentary rocks. G. Bardossy, M. Bod. Geokhimiia no.3:247-250 '60.

ROCKS, SEDIMENTARY—ANALYSIS
Conference on physical research methods for studying sedimentary rocks and minerals. N V.Logvinenko, V.D.Shutov. Izv AN SSSR.Ser.geol 26 no 5 122-124 My '61
Use of ultrasonic waves in a mineralogical analysis of sedimentary rocks V.D.Shutov, M IA.Kats, V.V. Baranov. Izv AN SSSR.Ser geol. 26 no 4 85-93 Ap '61.

RODENTIA see subdivision under Kazakhstan, Ust'-Urt

RODENTIA—EMBRYOLOGY see Embryology—Rodentia

RODENTIA—PARASITES see Parasites—Rodentia

ROGINSKII, SERGEI VASIL'EVICH, 1901-1960
S V. Roginskii; obituary Ist SSSR 5 no.2 237 Mr-Ap '61

ROGINSKII, SIMON ZALMANOVICH, 1900-
S Z.Roginskii, on the sixtieth anniversary of his birth. N.E Brezhneva, D.P.Dobychin, G.M.Zhabrova. Zhur. fiz.khim. 34 no.4 939-940 Ap '60.

ROLLER BEARINGS
Method of investigating the performance of the axle roller cage. V.V Abashkin and others. Vest TSNII MPS 20 no 3:37-40 '61

ROLLING (METALWORK)
(see also subdivision under Magnitogorsk)
Axial stresses in the cold rolling of pipe. I.M. Pavlov, D.I. Piriazev Trudy Inst. met. no.4:134-140 '60.
Determination of the average draft ratio in rolling with a non-uniform reduction B.V Egorov Trudy Inst met. no 4.117-122 '60
Determining the contact area in rolling allowing for plastic deformation [with summary in English]. A.I. TSelikov. Stal' 21 no.6:526-527 Je '61.
Developing and mastering the sheet and strip rolling procedure for titanium and its alloys. V.I. Kalugin, B.N. Popov, A.A Dmitriev. Titan i ego splavy no.1.152-161 '58.
Developing the process of "warm" rolling of sheet of hard-to-deform steels. N.P. Zhetvin. Stal' 21 no.6. 542 Je '61.
Drawing-off in rectangular grooves. I.P. Shmlaev. Metallurg 6 no.5:23-24 My '61.
Equipment for continuous measurement of the tension of a strip during rolling. I M. Bogusiavskii, I V Petrova. Mekh i avtom.proizv 15 no 5:34-35 My '61
"Expanding the production of rolled metal in 1959-1965" by A.I. TSelikov, E.R. Shor. Book review. Metallurg 6 no.6:29 Je '61.
Hot rolling of commercial titanium and some of its alloys. K.I. Sokolikov, V.N. Molseev. Titan i ego splavy no.1: 102-179 '58.
Improving the process of making pointed 1Kh18N9 steel strip. Stal' 21 no.6:542 Je '61.
Investigating complete pressure on rolls during the cold rolling of pipe. I.M. Pavlov, D.I. Piriazev. Trudy Inst.met. no.4:141-149 '60.
New technological process for the manufacture of blanks for hollow car axles. A.I.TSelikov, S.P.Gianovskii, V.I.Efanov. Kuz shtam.proizv. 3 no.5:4-5 My '61.
Possible reductions in ribbed groves. N.V. Litovchenko. Metallurg 6 no.5:24-25 My '61.
Production of economical rolled sections and their use the machinery industry. E.R.Shor. Biul.tekh.-ekon. inform. no.4.3-9 '61.
Properties of lightweight I-bars and channels, and special characteristics of their manufacture [with summary in English]. P.A. Aleksandrov, I.V. Gunin, I.N. Filippov. Stal' 20 no.7.619-623 Jl '60.
Rapid roll changing on a continuous small shape mill. IA.E. Assor, M.M. Shapiro. Metallurg 6 no.3:30-32 Mr '61.

ROLLING (METALWORK) (Continued)

Rolling of a new snap ring section for 8.50-20 wheels on a continuous mill [with summary in English]. P.I. Kopytin. Stal' 21 no.5 425-426 My '61

Rolling of high-manganese rails [with summary in English]. P.S. Plekhanov, V.A. Koshkin, I.A. Kritinin. Stal' 21 no 5 423-425 My '61.

Rolling of lightweight I-bars, channels and angles. Metallurg 6 no.6 32-33 Je '61

Rolling of unequal angle iron. B.M. Illukovich. Metallurg 6 no.3 24-26 Mr '61.

Selecting efficient cogging conditions in the cold rolling of iron. P.T. Kovtun. Metallurg 6 no.3,27-29 Mr '61.

State of stress-deformation in ingots during rolling on a blooming mill and grapping of the bar by rolls [with summary in English]. S.V. Makaev. Stal' 20 no 7: 628-634 Jl '60.

ROLLING (METALWORK)—COSTS

Technical and economic results of producing lightweight I-bars and channels on KMK rolling mills. L.IA Kats, V.N. Lyashov Stal' 20 no 7,651-654 Jl '60.

ROLLING(METALWORK)—DEFECTS

Surface defects on rolled metal. P.IA Ruzhkov, R.M. Shereshevskain. Metallurg 6 no 5 25-26 My '61.

ROLLING (METALWORK)—QUALITY CONTROL

Efforts to avoid discards in rolled telegraph wire rods. M.A. Tylkin, V.A. Nikitskain, G.N. Burkhan Stal' 21 no.5 448-451 My '61.

ROLLING (METALWORK)—TECHNOLOGICAL INNOVATIONS

Mechanization of the preparation of metals for rolling and of finishing the rolled products. P.I. Berezikov, A.F. Zinov'ev. Biul tekh.-ekon inform. no.4:8-11 '61.

ROLLING MILLS

(see also subdivision under Sverdlovsk)

Automatic control of reversing blooming mills [with summary in English]. V.I. Arkhangel'skii, R.V. Liambakh, O.V. Slezhanovskii. Stal' 21 no.6:528-534 Je '61.

Automation of a reversing mill for cold rolling of nonferrous metals I.M. Bogulavskii, N.I. Zhirlakov, V.I. Feigin Sbor mat po avtom proizv. protsessov i oborud no 5 72-93 '60

Increasing the output of wheel-rolling mills. M.IU Shifrin. Metallurg 6 no 5:28-29 My '61.

Planetary mechanism for the precision stoppage of a reversible mill. Stal' 20 no 7:635-636 Jl '60.

ROLLING MILLS—EQUIPMENT AND SUPPLIES

Machine for the assembly and dismantling of rolls. A.P. Koshka. Metallurg 6 no.5 32 My '61.

ROLLS (IRON MILLS)

Design of rectangular grooves for the rolling of carbon and alloyed steel. S.G. Nekrasov. Stal' 21 no.6: 541-542 Je '61.

Improving the quality of sheet rolling mill rolls. A.S. Beshlyk Metallurg 6 no.6 23-26 Je '61.

New steels for the automatic electric hard facing of rolls for continuous slabbing and blooming mills [with summary in English]. M.M. Finkel'shtein. Stal' 21 no.6:535-538 Je '61.

Use of hard-faced rolls. A.N. Nesmachnyi. Metallurg 6 no.5,27 My '61.

ROMANCE LANGUAGES—GRAMMAR, COMPARATIVE

...k SSSR. Moldavskii filial. Institut istorii, ...atury. [Studies in the field of Latin and ...uistics] Issledovaniia v oblasti latinskogo ...

ROME—HISTORY—BIBLIOGRAPHY

Akademiia nauk SSSR. Institut istorii. [Ancient Greece and ancient Rome, a bibliographical index of Russian publications from 1895 to 1959] Drevniaia Gretsiia i drevnii Rim; bibliograficheskii ukazatel' izdanii, vyshedshikh v SSSR, 1895-1959 gg. Sost. A.I. Voronkov. Moskva, 1961. 522 p.

ROME—OLYMPIC GAMES

Merzhanov, M.I. [Torches of Rome; notes of a sports reviewer] Fakely Rima, zametki sportivnogo obozrevatelia. Moskva, Izd-vo "Pravada," 1961. 47 p. (Biblioteka "Ogonek," no. 16)

Red Army men at the Rome Olympics Z Tarasov Voen. vest 40 no 10 99-103 O '60

ROME—RELATIONS (GENERAL) WITH TRANSCAUCASIA

Relations of the Roman Empire with Transcaucasian countries in the first century A.D. [in Georgian with summary in Russian]. N Lomouri. Trudy Tbil.GU 77.127-154 '59.

ROME—RELIGION AND ETHICS

Shtaerman, E.M. [Morals and religion of the oppressed classes in the Roman Empire, Italy and the western provinces] Moral' i religiia ugnetennykh klassov Rimskoi imperii, Italiia i Zapadnye provintsii. Moskva, Izd-vo Akad. nauk SSSR, 1961. 318 p.

ROME—SOCIAL CONDITIONS

Shtaerman, E.M. [Morals and religion of the oppressed classes in the Roman Empire, Italy and the western provinces] Moral' i religiia ugnetennykh klassov Rimskoi imperii; Italiia i Zapadnye provintsii. Moskva, Izd-vo Akad. nauk SSSR, 1961. 318 p.

ROOFING, TILE

Our experience in constructing a tile roof. V. Manannikov. Zhil.-kom. khoz 11 no.2 21-22 F '61.

ROOFS

Choosing the best structural layout for a roof with a span of 45 m. B.A. Speranskii. Trudy Ural. politekh. inst. no.99:113-125 '60.

Designing roofs to be built using crossbeams and crossgirders M.D. Gurari Stroi mekh i rasch soor 2 no 2 42-46 '60

New type of light roof A Okunev, V Fainshtein Arkhit SSSR no 1 57 '61

ROOFS, SHELL

Raising mesh-reinforced concrete shells using two cranes. K.P. Kopievskii. Mont. i spets. rab. v stroi. 23 no.4:27-28 Ap '61.

ROOT CROPS

Principles of selecting parameters for disk-type root crop cutters V.M. Synivas'kyi Visnyk sil'hosp. nauky 4 no.4 102-104 Ap '61

Significance of late fall and early spring sowing in the breeding of biennial vegetables and forage root crops [with summary in English]. P.P. Gusev. Trudy po prikl. bot., gen. i sel. 32 no.3 139-145 '59.

ROOTS (BOTANY)

Accumulation of the root mass in alfalfa and the amount of nitrogen and phosphorus in it I.V. Melent'eva Izv AN Uz SSR no 11 57-62 '56

Biosynthesis ascorbic acid in isolated plant roots. A.M. Smirnov, K.E. Ovcharov. Fiziol. rast. 7 no.2 240-242 '60.

A closing water volumenometer for measuring the root systems of plants [with summary in English]. V.S. Novoselov. Fiziol. rast. 7 no.2:243-244 '60.

Culture of isolated roots of leguminous plants [with summary in English]. A.I. Avilov Vest. LGU 16 no.9 135-...

...he root system of cotton during cultivation ...generation E.G. Ostpova. Izv. AN Uz SSR ...'56.

...of the root system of corn V.I. Zolotov, ... Visnyk sil'hosp nauky 4 no 4 37-41

...the root system of tomatoes. Z.G. Pichu...dogila no.3 471-472 My-Je '61.

...ie active roots of trees. I.N. Rakhmeenko. ...rab. Bel. otd. VBO no. 1:130-137 '59.

...en the depth of the root system and winter ...winter wheat [with summary in English]. ...o. Fiziol. rast. 7 no.2:185-190 '60.

...of European melons [with summary in ...'.N. Balashov. Trudy po prikl. bot., gen. i ...3:247-253 '59.

...nino acids by plant roots. V.O. Kazarian, ...ian. Dokl. AN Arm SSR 32 no.3 159-162

...f carbon in root excretions of plants grown ...tures with permanent and varied nutrient ...th summary in English]. N.V. Meshkov. Ser. biol. no.3:352-361 My-Je '61.

...HCAL

...e rules of operation of arithmetical radi...mashev. Mat. v shkole no.3:60-61 My-Je

ROPE

Strain on ropes of irregular strands during winding on a pulley M F Glushchko, IU E. Pochtovenko, V I Volokonskii Izv vys uchob zav., gor zhur no 2 151-157 '60

ROSES—VARIETIES

Developing new varieties of roses. K.I. Sushkov, M.V. Besschetnova. Biul. Glav bot. sada no 38:91-94 '60

ROSS ISLAND (ROSS SEA)—PENGUINS

Disrespectful children S.A. Evtery Inform biul Sov. antark. eksp no 22 61 '60

ROSTOV-ON-DON—AGRICULTURAL MACHINERY

Notes of a director of a higher technical school factory N.I. Nikolaev Vest vys. shkoly 10 no 5 17-29 My '61

ROSTOV-ON-DON—AGRICULTURAL MACHINERY INDUSTRY

More new equipment for collective and state farms. G. Solodenko NTO 3 no.5:3-5 My '61.

ROSTOV-ON-DON—AUTOCLAVES

Automatic steam feed regulators R.I. Goncharuk Bet. i zhel.-bet. no.5,214-215 My '60

ROSTOV-ON-DON—CHILDREN AS MUSICIANS

Follow-up of a certain photograph S. Gurvich. Sov. muz 25 no 5:161-164 My '61

ROSTOV-ON-DON—EVENING AND CONTINUATION SCHOOLS

For the improvement of evening schools. K.N Karageo'...ian. Sred. spets. obr. 8 no.5 32-36 My '61.

ROSTOV-ON-DON—FINANCE

Develop creative initiative among workers of local financial organs N Grinchenko. Fin SSSR 22 no 5,61-62 My '61

ROSTOV-ON-DON—RESTAURANTS, LUNCHROOMS, ETC.

Self-imposed obligations of cooks. Conference of the workers of the Public Food Service in Rostov-on-Don. N. Makarov. Obshchestv pit. no.5:5 My '61.

ROSTOV-ON-DON—TECHNICAL EDUCATION

Training and consultation center in Rostov-on-Don. N Utkin. Zhil.-kom. khoz. 11 no.2 23-24 F '61.

ROSTOV PROVINCE—AGRICULTURE

Students to the aid of rural workers. I.P. Riabko. Komsom. zhizn' no.9 15-19 My '61

ROSTOV PROVINCE—BANKS AND BANKING

State Bank business and people. I. Ivanov, K. Matronova, N. Kononov. Den i kred. 19 no. 5:49-56 My '61.

ROSTOV PROVINCE—BOOTS AND SHOES

In the middle of the road. E. Tret'iakov. Mest. prom i khud. promys. 2 no 5 29-30 My '61

ROSTOV PROVINCE—EDUCATION, PRESCHOOL

Press, radio, and television in the propaganda of preschool education. A.A. Svitko. Doshk. vosp. 34 no.5: 75-76 My '61.

ROSTOV PROVINCE—INDUSTRIAL HYGIENE

Let's instruct the activist group in the demands of life. L. Vorob'eva. Okhr. truda i sots. strakh. 4 no.5:8-11 My '61.

ROSTOV PROVINCE—INSURANCE, SOCIAL—EMPLOYEES

Let's instruct the activist group in the demands of life. L. Vorob'eva. Okhr. truda i sots. strakh. 4 no.5:8-11 My '61.

ROSTOV PROVINCE—MACHINERY INDUSTRY

A primary organization at every enterprise. P. Aleksandrov. NTO 3 no.5:43-44 My '61.

ROSTOV PROVINCE—PHYSICAL EDUCATION AND TRAINING

Work of physical-culture organizations of Rostov Province in promoting physical culture among the population. Teor. i prak. fiz. kul't. 24 no.5:391-393 '61.

ROSTOV PROVINCE—REGIONAL PLANNING

Planning and building state wine farms V Shcherbinina Arkhit. SSSR no 4 44-48 '61

ROSTOV PROVINCE—SOIL MOISTURE

Representativeness of observations on soil moisture in the Ciscaucasian steppe province. S.I. Smirnova, S.I. Dolgov. Trudy TSIP no.107:3-22 '61.

ROSTOV PROVINCE—STATISTICS

Rostov-on-Don (Province). Statisticheskoe upravlenie. [Economy of Rostov Province; statistical collection] Narodnoe khoziaistva Rostovskoi oblasti; statisticheskii sbornik. Rostov-na-Donu, 1961. 237 p.

ROSTOV PROVINCE—STOCK AND STOCKBREEDING

The unsolved problem of state farm economics. V. I. Shangin. Uchet i fin. v kolkhoz. i sovkhoz., 18 no. 6 36 Je '61.

ROSTOV PROVINCE—VITICULTURE

Layout of winegrowing collective farms. V. Shcherbinina. Sel'. stroi 15 no. 1 15 Mr '61

ROTARY HEARTH FURNACES

Lengthening furnace campaigns for making calcium silicon [with summary in English]. A. N. Rabukhin, E. B. Rademyal'skii, V. I. Vikulov. Stal' 21 no. 6 523-525 Je '61.

ROTARY HEARTH FURNACES—COMBUSTION

Transfer of rotary hearth furnaces from coal to gas firing as a new development in the dehydration of carnallite I. P. Gorokhov. TSvet. met. 34 no. 5 74-75 My '61

ROTARY KILNS see Kilns, Rotary

ROTARY PUMPS

Undercutting the runners of propellet pumps. V. A. Baranov, N. N. Omelin. Trudy SANIIRI no. 106, 35-41 '60

ROTATING BODIES

Nonlinear integral equations of shallow shells of rotation [with summary in English]. A. A. Berezovskii. Inzh.-fiz. zhur. 4 no. 5 41-53 My '61

ROTATION OF CROPS see subdivision under Stavropol Territory

ROTORS

Displacement of the center of gravity of a cup-shaped rotor considering the thermal deformation. A. G. Bessonov. Izv. vys. ucheb. zav., prib. 4 no. 2 80-91 '61.

Flexible form of the unbalancing of multiple-disk rotors of turbojet engines. N. G. Samarov. Izv. vys. ucheb. zav., av. tekh. 3 no. 2 138-143 '60.

ROTORS (HELICOPTERS)—VIBRATION

Using matrices in calculating natural vibrations of the rotating blade of a helicopter rotor. M. B. Vakhitov. Izv. vys. ucheb. zav., av. tekh. 3 no. 2 31-41 '60

ROVNO—EVENING AND CONTINUATION SCHOOLS

Rovno has a workers' faculty. V. Livenisev. Znan ia pratsia no. 2 7 F '61

ROVNO—FIRES AND FIRE PREVENTION

Members of the Communist Youth League in the forefront. V. Semenov. Pozh. delo 7 no. 5 30 My '61.

ROVNO PROVINCE—FOLKLORE, UKRAINIAN

Let's collect Ukrainian folklore! M. Kolesnyk. Nar. tvorch. ta etn. 1 no. 4 155-156 O-D '60

The work of Rovno Province folklorists. P. Leshchenko. Nar. tvorch. ta etn. 5 no. 1 151 Ja-F '61.

ROWING

Changes in the bearing and spinal column of young rowers. A. I. Kurachenkov, O. V. Vintergal'ter. Teor. i prak. fiz. kul't. 24 no. 3 179-185 '61

Development of speed and the maintenance of speed in rowers. E. S. Ul'rikh, N. V. Morzhevikov. Teor. i prak. fiz. kul't. 24 no. 3 192-195 '61

Methods of teaching rowing. N. V. Morzhevikov. Teor. i prak. fiz. kul't. 24 no. 5 346-348 '61.

ROZENFEL'D, LAZAR MOISEEVICH, 1872-1960

In memory of Lazar Moiseevich Rozenfel'd; obituary. L. A. Zarifskii, M. Kh. Elin. Vest. otorin. 22 no. 1: 120 Ja-F '60.

ROZHDESTVENSKII, VSEVOLOD ALEKSANDROVICH, 1895-

"Nevertheless the song is good" ("The oriole", verse by V. Rozhdestvenskii. Reviewed by Valerii Dementiev) Oktiabr' 38 no. 5 224 My '61

RUBBER

Classification of carbon blacks for rubber manufacture. K. A. Pechkovskaia, P. N. Orlovskii, E. I. Gol'dman. Kauch. i rez. 20 no. 4:47-48 Ap '61.

RUBBER—CONGRESSES

Scientific and technical conference on the chemistry and technology of crude and vulcanized rubber. V. G. Epshtein. Kauch. i rez. 20 no. 4:58-59 Ap '61.

RUBBER—TESTING

Effect of the surface-to-volume ratio of a test piece in the evaluation of the processing qualities of rubber blends. A. I. Lukomskaia and others. Kauch. i rez. 20 no. 4:36-42 Ap '61.

RUBBER, RECLAIMED

Propagation of the thermomechanical method in rubber reclaiming (from "Rubber World," no. 1, 1960). Kauch. i rez. 20 no. 4:63 Ap '61.

RUBBER, SYNTHETIC

(see also subdivision under Czechoslovakia, United States)

Chemical structure of a dihydropropenyl sponge polymer. A. I. Spasskova, E. F. Rozanov. Zhur. ob. khim. 31 no. 5 1505-1506 My '61

Disproportionation of rosin of fixed bed catalysts for the purpose of obtaining emulsifying agents used in the manufacture of butadiene-styrene rubbers. M. S. Nemtsov, M. I. Ryskin. Kauch. i rez. 20 no. 1 7-15 Ap '61

Industrial testing of soft butadiene-nitrile rubbers. N. A. Bogdanovich, Z. N. Bol'shakova, Z. D. Tiurenmova. Kauch. i rez. 20 no. 5 15-46 My '61.

Liquid nairit, a new type of chloroprene rubber. A. L. Klebanskii and others. Kauch. i rez. 20 no. 5 1-5 My '61

Motor yacht built of glass fibers and synthetic rubber (from "Tianza," no. 10/11, Mar. '59). N. Ivanova. Rech. transp. 19 no. 8 3 of cover Mr '60

New protective coatings of synthetic rubber. A. L. Labutin. Mashinostroitel' no. 5 38-40 My '61.

New silovane rubbers. Kauch. i rez. 20 no. 4 62 Ap '61.

Selecting the rubber type for the manufacture of asbestos friction parts. I. F. Taranenko, I. M. Griaznova. Kauch. i rez. 20 no. 4 22-24 Ap '61.

Synthesis of new rubberlike copolymers. A. G. Oganesian and others. Sbor. nauch. trud. ERPI no. 20 215-234 '59.

RUBBER, SYNTHETIC—TESTING

Plasticization of rubber by single passes between rolls. M. F. Mikhalev, A. B. Kusov. Kauch. i rez. 20 no. 1 31-36 Ap '61.

RUBBER, SYNTHETIC—THERMAL PROPERTIES

Effect of temperature on the durability of rubbers undergoing corrosive cracking [with summary in English]. Iu. S. Zuev and others. Vysokom. soed. 3 no. 2: 164-173 F '61.

RUBBER GOODS

Properties of soft butadiene-nitrile rubbers and their uses in the manufacture of rubber products for industry. A. S. Novikov and others. Kauch. i rez. 20 no. 5 20-26 My '61

Rubber water pipe on farms. A. Mitrofanov. Sel'. stroi. 15 no. 2 7 F '61.

RUBBER GOODS—TESTING

Developing a method for the rapid determination of the efficiency of rubber-metallic plate-type shock absorbers during their aging. B. M. Gorelik, L. V. Rogova. Kauch. i rez. 20 no. 5 32-38 My '61

RUBBER INDUSTRY

News of science and equipment abroad. Properties of and prospects for synthetic fibers used in the rubber industry. A. Ebert. Kauch. i rez. 20 no. 5, 58-63 My '61.

Toward the 22d Congress of the CPSU. Kauch. i rez. 20 no. 5:56-57 My '61.

RUBBER INDUSTRY—EQUIPMENT AND SUPPLIES

New equipment for factories manufacturing rubber products for industry. I. M. Pumpianskii. Kauch. i rez. 20 no. 5:26-32 My '61.

RUBBER INDUSTRY—HYGIENIC ASPECTS see subdivision under Moscow

RUBBER INDUSTRY—LABOR PRODUCTIVITY

Calculation of labor productivity in the tire industry. S. P. Potamoshnev, G. G. Ivanov. Kauch. i rez. 20 no. 4:49-53 Ap '61.

RUBBER INDUSTRY—PRODUCTION STANDARDS

Zaitsev, I. I., and A. V. Myshkis. [Establishing technical standards in the rubber industry] Tekhnicheskoe normirovanie truda v rezinovoi promyshlennosti. [Moskva] Izd-vo VTsSPS Profizdat, 1960. 205 p.

RUBBER MACHINERY

Discussing the articles "Filling of ring press molds with a rubber mixture under the action of permanent and alternating high pressure" and "Filling of ring press molds with a rubber mixture" by M. D. Nusinov, A. A. Pozin, M. M. Maizel', V. L. Anulov and others. Izv. vys. ucheb. zav., tekh. leg. prom. no. 2:149-153 '61.

RUBBER TIRES see Tires, Rubber

RUBBER TO METAL BONDING

Metal surface preparation in the adhesive method of the hot bonding of rubber. S. G. Palekhova, E. V. Kandidova. Kauch. i rez. 20 no. 4:56-58 Ap '61.

RUBBERIZED FABRICS

Application of a rubber adhesive by pulverization in the manufacture of rubberized goods. N. V. Basilova, V. S. Zatcev. Kauch. i rez. 20 no. 4:55-56 Ap '61.

RUBIDIUM

Distribution characteristics of a series of rare and volatile elements in rocks and pegmatites of the Koroistel' pluton [with summary in English]. O. D. Stavrov, T. A. Bykova. Geokhimiia no. 4:328-331 '61.

Geochemistry of rubidium and lithium in micaceous pegmatites of northern Karelia [with summary in English]. I. D. Rabchikov, B. A. Solov'eva. Geokhimiia no. 4:316-323 '61

RUBIDIUM IODIDE

Change of isobaric potential during formation of KI - RbI solid solutions at 25°C [with summary in English]. L. L. Makarov, D. IU. Stupin. Zhur. fiz. khim. 35 no. 4:743-747 Ap '61

RUDNYY—ADULT EDUCATION

A "workers' university" in Rudnyy. V. Pas'ko. Part. zhizn' Kazakh. 31 no. 5 50-61 My '61.

RUG AND CARPET INDUSTRY

(see also subdivision under Obukhovo)

Prospects for the expanding of the rug industry. G. V. Churbanov. Tekst. prom. 20 no. 3 21-24 Mr '60.

RUGS, ORIENTAL

New ornamental rugs (in Azerbaijani with summary in Russian). N. A. Abdullaeva. Dokl. AN Azerb. SSR 17 no. 3 263-268 '61.

RUHA, STEFAN

Performances of violinists. Mikhail Fikhtengol'ts. Sov. muz. 25 no. 5 147-148 My '61

RULERS (INSTRUMENTS)

Ruler for accurate measurement of external angles. V. A. Solov'ev. Standartizatsiia 25 no. 5:55-56 My '61.

RULERS (INSTRUMENTS)—TESTING

Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 77-55 for checking standard batched meter measures of the first category] Instruktsiia 77-55 po poverke obraztsovykh shtikhovykh metrov 1-go razriada. Izd. ofitsial'noe. Moskva, 1958. 18 p.

Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 83-57 for checking metal measuring rulers] Instruktsiia 83-57 po poverke izmeritel'nykh metallicheskikh lineek. Izd. ofitsial'noe. Moskva, 1957. 11 p.

Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 84-55 for checking metal rulers for measuring patterns including shrinkage (shrinkage rulers)] Instruktsiia 84-55 po poverke metallicheskikh lineek dlia izmereniia modelei s uchetom usadki litʹia (usadochnye linelki). Izd. ofitsial'noe. Moskva, 1957. 6 p.

Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 86-55 for checking metal and wooden-bar meter measures] Instruktsiia 86-55 po poverke metallicheskikh i dereviannykh bruskovykh metrov. Izd. ofitsial'noe. Moskva, 1956. 6 p.

Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 91-55 for checking lumber-measuring rulers] Instruktsiia 91-55 po poverke lesnykh skob. Izd. ofitsial'noe. Moskva, 1957. 3 p.

Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 129-55 for checking sine rulers] Instruktsiia 129-55 po poverke sinusnykh lineek. Izd. ofitsial'noe. Moskva, 1957. 15 p.

RUMANIA—ARCHAEOLOGY

Akademiia nauk SSSR. Institut arkheologii. [Materials and studies on the archaeology of the southwestern U.S.S.R. and the Rumanian People's Republic] Materialy i issledovaniia po arkheologii IUgo-Zapada SSSR i Rumynskoi Narodnoi Respubliki. Kishinev, Gos. izd-vo "Kartia Moldoveniaske," 1960. 352 p.

RUMANIA—BULGARIANS

"Costume of the Banat Bulgarians" (in Bulgarian) by M. Vekova-Telbizova, K. Telbizov. Reviewed by N. Gagen-Turn. Nar. tvorch. ta etn. 4 no. 4 133-135 O-D '60.

RUMANIA—COMMUNIST PARTY

The leader and organizer of the Rumanian people's struggle for socialism, on the 40th anniversary of the Communist Party of Rumania. S. M. Parkhomchuk. Ukr. ist. zhur. 5 no. 3, 147-148 My-Je '61

Lenin Days in the revolutionary underground. S. Moroz, V. Platon. Komm. Mold. 5 no. 4:71-74 Ap '60.

Partidul Muncitoresc Romin. [The Third Congress of the Rumanian Workers' Party in Bucharest, June 20-25, 1960. Translated from the Rumanian] III s"ezd Rumynskoi rabochei partii, Bukharest, 20-25 iiunia 1960 goda. Moskva, Gos. izd-vo polit. lit-ry, 1961. 239 p. (Dokumenty i materialy zarubezhnykh kommunisticheskikh i rabochikh partii)

RUMANIA—COOPERATIVE SOCIETIES

With Rumanian cooperationists. A. Balashov. Sov. potreb. koop. 4 no. 4:57-58 Ap '60.

RUMANIA—ECONOMIC CONDITIONS

Along the road to socialism. V. Vaiguna. Nauka i zhyttia 11 no. 4:62-63 Ap '61.

RUMANIA – ECONOMIC CONDITIONS (Continued)

Partidul Muncitoresc Romin. [The Third Congress of the Rumanian Workers' Party in Bucharest, June 20-25, 1960. Translated from the Rumanian] III s"ezd Rumynskoi rabochei partii, Bukharest, 20-25 iiunia 1960 goda. Moskva, Gos. izd-vo polit. lit-ry, 1961. 239 p. (Dokumenty i materialy zarubezhnykh kommunisticheskikh i rabochikh partii)

RUMANIA—ECONOMIC POLICY

Comparisons and prospects. Irina Trofimova. Nov. vrem 19 no. 21:9-10 My '61.

RUMANIA—JOURNALISM

In the "Scanteie" Building. Victor Barladeanu. Sov. pech. no. 6:54-55 Je '61.

"Millimeter case." Petru Dragulea. Sov. pech. no. 6: 55-57 Je '61.

We are learning from the working class. Teodor Braies. Sov. pech. no. 6:57-58 Je '61.

RUMANIA—LABOR COURTS

Fellow workers' courts in the Rumanian People's Republic IA. V Grobovenko. Vest. Mosk un Ser. 10 Pravo 15 no. 2 62-67 Ap-Je '60.

RUMANIA—ORTHODOX EASTERN CHURCH—PERIODICALS

Review of "Ortodoxia," journal of the Romanian Patriarchate no 2, April-June 1960. V Vladimirov Zhur Mosk Patr no 5:76-79 My '61

"Studii Teologice" ("Bogoslovskie issledovaniia"), journal of the theological institutes of the Rumanian Patriarchate, nos 1-6, 1960 V Vladimirov Zhur Mosk Patr no. 4 72-79 Ap '61

RUMANIA—PEAT BOGS

An important scientific work on bogs in the Rumanian People's Republic ("Peat bogs of the Rumanian People's Republic" [in Rumanian] by Emil Pop Reviewed by M I. Neishtadt, I. N. Oleinikov). Izv. AN SSSR, Ser. geog. no 3 122-124 My-Je '61.

RUMANIA—PLAGUE

Russian physicians in the control of a plague epidemic in the Rumanian principalities in 1828-1829 G. Barbu, G Bratescu Sov zdrav 20 no 4 58-62 '61.

RUMANIAN LANGUAGE—FOREIGN WORDS AND PHRASES—RUSSIAN

Penetration of Russian loan words of the Soviet period into the modern Rumanian language. B. A. Andrianov. Vop. iaz. 1 lit. no. 2 63-76 '60.

RUMANIAN LITERATURE—HISTORY AND CRITICISM

Shevchenko on the pages of Rumanian socialist publications during the second half of the 19th century M A Laszlo Rad lit 5 no. 2 119-124 Mr-Ap '61

RUMANIAN PHILOLOGY

Studies on the language of belles-lettres in the Rumanian People's Republic. N Korletianu Izv. AN SSSR. Otd. lit. i iaz. 19 no. 1 51-57 Ja-F '60.

RUMEX

Morphological and anatomical study of the stem, leaves, and fruit of Rumex alpinus L. V. D. Budzyk. Farmatsev. zhur. 15 no. 1:46-50 '60.

Tannins of Polygonum coriarium Grig and Rumex ilanschanicus A. Los E. I. Milogradova. Dokl AN SSSR 138 no. 4:955-957 Je '61.

RUNNING

Telemetric studies of systolic frequency in running various distances. V. V. Vasil'eva and others. Teor. i prak. fiz. kul't. 24 no. 3:188-192 '61

RUNOFF

(see also subdivision under Istra Valley; Kura Lowland; Meshchera; Soviet Central Asia; Ukraine, Western)

Classifying Central Asian rivers according to their types of water supply. O. P. Shcheglova. Izv. AN SSSR. Ser. geog. no 3:19-27 My-Je '61.

Protod'iakonov, M. M. [Determining the maximum runoff of surface waters from small watersheds] Opredelenie maksimal'nogo stoka poverkhnostnykh vod s malykh vodosborov. Leningrad, Gidrometeor. izd-vo, 1960. 169 p.

Some characteristics of the formation of spring floods under conditions of supersaturated frozen soil. A. I. Subbotin. Trudy TSIP no. 99:3-25 '61.

RURAL EDUCATION see Education, Rural

RURAL ELECTRIFICATION

(see also subdivision under Kurgan Province)

Electrification of Soviet agriculture in the years 1961-1965. Gidr. stroi. 31 no. 4:1-2 Ap '61.

Following Lenin's footsteps. M. Berezin. Tekh. v sel'khoz. 20 no. 4:1-4 Ap '60.

RURAL HOUSING see Housing, Rural

RURAL LIBRARIES

(see also subdivision under Kuybyshev District, Priluki District)

After the plenum V Chernysheva. Bibliotekar' no 5: 17-18 My '61

Following the beacon M Beketov Bibliotekar' no 5: 16-17 My '61

Life is the promoter L. Kostrova Bibliotekar' no 5: 18-20 My '61

Plenary session of the Council on Problems of Library Work. A. N. Efimova. Sov. bibl. no. 2:94-97 '61.

RURAL SCHOOLS see subdivision under Ivanovo Province

RURAL WATER SUPPLY see also subdivision 'Water supply, Rural' under Buryat-Mongolia, Kazakhstan; Novosibirsk, Tambov Province, Yaroslavl Province

RUSSIA—AIR FORCE

The growing skill of fliers. G. Smirnov. Komm. Vooruzh. Sil. 1 no. 11 44-47 Je '61.

The might Air Force of the Soviet state. K. Vershinin. Komm. Vooruzh. Sil 1 no. 12 19-24 Je '61.

RUSSIA—AIR FORCE—PERSONNEL MANAGEMENT

Pedagogical reflections. Part 3. Tact. I I Kudriavtsev Vest Vozd Fl no 12 21-25 D '60

RUSSIA—ARMED FORCES

Guardians of the peace and safety of nations. M. Aleksandrov. Komm. Ukr. 36 no. 6 43-51 Je '61.

Let's advance and strive for new achievements. Komm. Vooruzh. Sil. 1 no. 12:55-58 Je '61.

Let's persistently strengthen the defensive capacity of our country. P. Sidorov. Komm. Vooruzh. Sil. 1 no. 12:59-65 Je '61.

The Soviet Army is an army of the heroic masses I. Chalik. Voen.-ist. zhur 3 no 5 27-36 Je '61

RUSSIA—ARMED FORCES—DEMOBILIZATION

Historical session. Komsom. zhizn' no. 3-1-2 F '60.

Soldiers become farmers. Uzbekiston 19 no 2-2-3 Ja '60

RUSSIA—ARMED FORCES—EDUCATION, NONMILITARY

Follow-up of articles published in "Kommunist Vooruzhennykh Sil." Komm. Vooruzh. Sil. 1 no. 11 95-96 Je '61.

RUSSIA—ARMED FORCES—OFFICERS

Party spirit in the work of military personnel. F. Mazhaev. Komm. Vooruzh. Sil 1 no. 12 25-31 Je '61.

RUSSIA—ARMED FORCES—PARTY WORK

Beacon lights and indifferent shadows. A. Kurganov. Komm. Vooruzh. Sil. 1 no. 11 84-88 Je '61.

Brief news of articles published in our periodical. Komm. Vooruzh. Sil 1 no. 12, 96 Je '61.

Brief news of party and political work Komm. Vooruzh. Sil. 1 no. 11 93-95 Je '61.

A conference of the officials of the Communist Youth League in the Armed Forces Komm. Vooruzh. Sil. 1 no. 11 3-8 Je '61.

How to manage the records of the Communist Youth League. Komm. Vooruzh. Sil 1 no. 12:86-88 Je '61.

Let's inculcate the spirit of communism in young soldiers and sailors. L. Karpinskii. Komm. Vooruzh. Sil. 1 no. 11 9-16 Je '61.

Let's persistently strengthen party influence on young soldiers. S. Vasiagin. Komm. Vooruzh. Sil. 1 no. 11, 17-23 Je '61.

"A manual for the organizers of Communist Youth League groups in squads." Komm. Vooruzh. Sil 1 no 11:90 Je '61.

Reports and elections to party organizations. Komm. Vooruzh. Sil 1 no. 12:3-7 Je '61.

These lectures inspire our soldiers. N. Motorin, I Silvin. Komm. Vooruzh. Sil. 1 no. 11 68-71 Je '61.

The work of political organizations in the ideological and political education of Soviet soldiers during the first phase of the Great Patriotic War. A. Kiselev, IA. Kuznetsov. Voen.-ist. zhur. 3 no. 5 3-14 My '61.

RUSSIA—ARMY

How to sum up the results of competition in squads? Komm. Vooruzh. Sil. 1 no. 11 83-85 Je '61.

The morning is here already..... V. Nagornyi Sov. voin 41 no. 4 16-17 F '60.

Petrov, V. N. [Hello, army! A soldier's diary] Zdravstvui, armiia! Iz soldatskogo dnevnika. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 60 p.

A rare document. L. Volkov-Lannit. Sov. voin. 41 no. 6 6 Mr '60.

A soldier assumes his place in the ranks. V. Mater. Sov. voin. 41 no. 6:22-24 Mr '60.

RUSSIA—ARMY—ARTILLERY

With a broad stride. V. Zheltov. Sov. voin 41 no. 4:9 F '60.

RUSSIA—ARMY—MILITARY LIFE

Be attentive to warnings and complaints. S. Shostak. Komm. Vooruzh. Sil 1 no. 12;74-75 Je '61.

The same company. A. Grishchenko. Komm. Vooruzh. Sil 1 no. 12 66-71 Je '61.

Soldiers should be trained in work habits. Komm. Vooruzh. Sil 1 no. 12 11-50 Je '61.

RUSSIA—ARMY—OFFICERS

The commanding officer's authority V. Karpov. Voen. vest. 40 no 10 39-44 O '60

RUSSIA—ARMY—PARACHUTE TROOPS

Airborne landing in the rear of the enemy P Sacnidak Voen vest 40 no 10 18-21 O '60

RUSSIA—ARMY—PARTY WORK

A review of newspapers. Komm. Vooruzh. Sil 1 no 12:92-93 Je '61.

We should clearly see our principal objective. V. Anokhin Komm. Vooruzh Sil 1 no 11 61-64 Je '61.

When there are no efforts to eliminate shortcomings. I. Rogatin, A Kolinichenko. Komm. Vooruzh. Sil 1 no 12:72-74 Je '61.

With the help of Communists. S. IAkunichev. Komm. Vooruzh Sil 1 no. 11 57-61 Je '61.

RUSSIA—ARMY—SPORTS

This is really love of sports. V Sysaev Sov. voin. 41 no 6 31 Mr '60.

RUSSIA—BIOGRAPHY

Plutarch for Soviet youth. A. I. Todorovskii. V mire knig 1 no. 2 39-40 F '61.

RUSSIA—COMMERCE

Along the path of Lenin. Sov. torg. 33 no. 4:3-6 Ap '60.

Commerce in the period of transition between socialism and communism. M. Lifshits. Sov. torg. 33 no. 4 7-11 Ap '60.

Concern for the development of the exchange of goods between town and country. V. Smol'ianinov. Sov. torg. 33 no. 4 48-56 Ap '60.

Pavlov, K. P. [Role of the state monopoly in exports in the building of socialism in the U. S. S. R., 1918-1937] Rol' gosudarstvennoi monopolii vneshnei torgovli v postroenii sotsializma v SSSR, 1918-1937. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 182 p.

Public consumption grows and improves. Sov. torg. 33 no. 4 17-19 Ap '60.

A useful textbook ("Economics of Soviet trade." Reviewed by E. Sazonova). Sov. potreb. koop. 4 no. 4 63-64 Ap '60.

V. I. Lenin on the exchange of goods between the town and country. G. Grigor'ian. Sov. potreb. koop. 4 no. 4:15-19 Ap '60.

RUSSIA—COMMUNIST PARTY see Communist Party of the Soviet Union

RUSSIA—CONSPIRACY OF DECEMBER, 1825

The Decembrist M. F. Orlov and the Moscow Congress of the Society of Welfare V. V. Pugachev Uch zap SGU 66 82-115 '58

RUSSIA—CONSTITUTIONAL LAW

The subject matter of Soviet constitutional law M Kh Khakimov Obshchestv nauki v Uz. no 1 33-41 '61

RUSSIA—CULTURE

At the sources of the cultural revolution ("Lenin and Soviet culture" by I. S. Smirnov. Reviewed by V. T. Ermakov). Sov pedag 25 no. 4 138-141 Ap '61

Likhachev, D. S. [Culture of the Russian people from the 10th to the 17th century] Kul'tura russkogo naroda X-XVII vv. Moskva, Izd-vo Akad. nauk SSSR, 1961. 118 p. (Nauchno-populiarnaia serila)

Soviet culture is socialist in its content and multinational in its form M I. Shumakov. Uch. zap MGPI 161 25-54 '61.

RUSSIA—DESCRIPTION AND TRAVEL

"Everything I see is marvelous"; Tagore on the Soviet Union. Gopal Haldar. Inostr. lit. no. 5:174-178 My '61.

The world of reality and the world of self-deception. Pierre Courtade. Moskva 5 no. 4.160-166 '61.

RUSSIA—ECONOMIC CONDITIONS

The basic economic problem of the U. S. S. R. and how we can solve it. V. V. Siesarev. Trudy MINKHiGP no. 30. 3-28 '59.

Bobovich, I. M., and T. K. Pazhitnova. [Lectures on the history of the national economy of the U. S. S. R.; the era of capitalism] Lektsii po istorii narodnogo khoziaistva SSSR; epokha kapitalizma. [Leningrad] Izd-vo Leningr. univ., 1961. 150 p.

Book on the seven-year plan ("Great septenary" by IU. Moralevich. Reviewed by S. Krylov). Nauka i zhizn' 27 no. 4:74-75 Ap '60.

The economy of small enterprises producing commodities in 19th-century Russia. P. G. Ryndziunskii. Ist. SSSR 5 no. 2 48-70 Mr-Ap '61.

The First of May, the day of international solidarity of workers. Rad. pravo no. 3:3-8 My-Je '61.

RUSSIA – ECONOMIC CONDITIONS (Continued)

Forced admissions of an American economist ("The growth of Soviet economic power and its consequences for Canada and the United States" [in English] by F A Lindsay Reviewed by IU Kormnov) Plan khoz 38 no 6 91-94 Je '61

Glorious deeds of the workers and farmers of the Russian Federation V. Parfenov. Komm Vooruzh Sil 1 no. 11 41-44 Je '61

Glory to Lenin! Glory to the party! Rab. i sial. 36 no 1' 1 Ap '60

Gorbunov, E. P. [Soviet rates of growth and bourgeois critics] Sovetskie tempy i ikh burzhuaznye kritiki. Moskva, Izd-vo "Znanie," 1961. 46 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, Ekonomika, no. 9)

Great holiday of peace and labor. Mashinostroitel' no. 5' 1 My '60.

The great leader of the workers. Sov. potreb. koop. 4 no. 4-3-7 Ap '60.

The great May Day. Prihorostroenie no 5'1-2 My '60

Growth of production is most important for the well-being of the people. Sov. torg. 33 no. 4:14-16 Ap '60.

Labor wins Znan. sila 36 no. 5:19 My '61.

Leninism is our banner. Komm. Mold. 5 no. 4:3-9 Ap '60.

Leninism is our victorious banner. Nar. nasv. no. 4'7-12 Ap '61.

Living and all-conquering theory of Lenin Ukraina no 7-1 Ap '60

Retreat with drum beating. P. Matislavskii. Nov. vrem. 19 no. 24:18-19 Je '61.

Second year of the seven-year plan. Uzbekistan 19 no. 1' 2 Ja '60

The spring of communism V Nikolaev Politi. samoobr. 5 no. 6 40-50 Je '61

Voskresenskii, IU. V. [The 14th Congress of the All-Union Communist Party (Bolshevik) and how the party struggled for the carrying out of its decisions; a lecture on the "History of the CPSU" course] XIV s"ezd VKP(b) i bor'ba partii za vypolnenie ego reshenii; lektsiia po kursu "Istoriia KPSS." Moskva, Gos. izd-vo "Vysshaia shkola," 1960. 54 p. (Lektsii po istorii KPSS)

Words of Il'ich brought courage and confidence. S. Khavkin. Sov. torg. 33 no. 4 56-58 Ap '60.

RUSSIA—ECONOMIC GEOGRAPHY see Geography, Economic

RUSSIA—ECONOMIC POLICY

Akademiia nauk SSSR. Institut ekonomiki. [Problems of the distribution of productive forces during the period of the large-scale building of communism] Problemy razmeshchenila proizvoditel'nykh sil v period razvernutogo stroitel'stva kommunizma. Moskva, Gosplanizdat, 1960. 335 p.

Economic studies and the economic policy. S. Perevushin. Kommunist 38 no. 9:20-29 Je '61.

Methodological problems in the balance of the national economy M Bor, A Notkin Vop ekon no 5 36-47 My '61.

Reliability and technological development A. Berg. NTO 2 no 5:4-6 My '60

Resolutions of the 21st Congress of the CPSU are Lenin's plan for the building of communism in operation. T. Gorbunov. Komm. Bel. 34 no. 4:23-29 Ap '60.

Rozenberg, I. A. [From the shift plan to the national economic plan] Ot smennogo do narodnogo khoziaistvennogo plana. Moskva, Mashgiz, 1960. 45 p. (Biblioteka rabochego mashinostroitelia: Serila "Osnovy konkretnoi ekonomiki," no. 3)

Strengthening Lenin's alliance between workers and peasants is the main task in the building of communism. A. Medvedev. Komm. Mold. 5 no. 4:10-31 Ap '60.

RUSSIA—ECONOMIC POLICY—CONGRESSES

Problems of planning improvement. A. Zholkevich Vop. ekon no. 5 143-152 My '61.

RUSSIA—FEBRUARY REVOLUTION, 1917

Spiridovich, A. I. [The Great War and the February Revolution, from 1914 to 1917] Velikaia Voina i Fevral'skaia Revoliutsiia 1914-1917 gg. New York, Vseslavianskoe izd-vo,
Book 1. 1960. 308 p.
Book 2. 1960. 239 p.

RUSSIA—FOREIGN ECONOMIC RELATIONS—AFGHANISTAN

Soviet technical aid to Afghanistan. G. P. Georgiev. Krat. soob. Inst. vost. no. 37 37-43 '60.

RUSSIA—FOREIGN RELATIONS

How Soviet Russia struggled for peace during the period of the civil war and armed intervention [in Georgian with summary in Russian]. I. Chikava. Trudy Tbil. GU 77: 315-333 '59.

The Leninist principle of peaceful coexistance is conquering the world H. M. TSvietkov. Ukr. ist. zhur. 4 no. 2:46-56 Mr-Ap '60

The most pressing problem of our time IU A Krasin Vop filos 15 no 5 153-166 '61

Peaceful coexistence and the class struggle. V. Platkovskii Politi samoobr. 5 no. 5'36-48 My '61.

Second year of the seven-year plan. Uzbekistan 19 no. 1' 2 Ja '60

Spring of 1960. M Sturua. Novyi mir 36 no 5 130-138 My '60

V I Lenin on the peaceful coexistence of two systems M Mykhailovs'kyi Rad pravo no 2 17-17 Mr-Ap '60

Written reports of the diplomats of Peter I, from 1700 to 1714 T K Krylova Probl istoch no 9:163-181 '61

RUSSIA—FOREIGN RELATIONS—AFGHANISTAN

V I Lenin on the liberation struggle of the Afghan people V. Chebotareva Obshchestv. nauki v Uz no 1 58-61 '61

RUSSIA—FOREIGN RELATIONS—ARGENTINA

Lawlessness in Buenos Aires. Nov. vrem. 19 no. 24:23 Je '61.

RUSSIA—FOREIGN RELATIONS—ASIA

Diplomacy of peace and truth. Uzbekistan 19 no. 3'2 Mr '60.

RUSSIA—FOREIGN RELATIONS—CRIMEA

The written reports of Russian envoys to the Crimea in the 17th century, special forms and methods of their preparation A A Novosel'skii Probl istoch no 9: 182-184 '61

RUSSIA—FOREIGN RELATIONS—FRANCE

An event of international importance O. Poltoratskyi Ukraina no 8 2-3 Ap '60

The messenger of peace has come to the French land Ukraina no 7 2 Ap '60.

RUSSIA—FOREIGN RELATIONS—GREAT BRITAIN

The Anglo-French Agreement of 1904 and Anglo-Russian relations. A. F Ostal'tseva. Uch zap SGU 66 201-251 '58

RUSSIA—FOREIGN RELATIONS—INDONESIA

Soviet-Indonesian friendship. Nov. vrem. 19 no. 25'1-2 Je '61.

RUSSIA—FOREIGN RELATIONS—JAPAN

History of the normalization of Soviet-Japanese relations after the Second World War S T Leonidov Uch zap Inst vost 23-261-291 '59.

RUSSIA—FOREIGN RELATIONS—MOLDAVIA

A. L. Ordin-Nashchokin's mission to Moldavia in 1642-1643. I. V. Galaktionov. Uch. zap SGU 66.164-179 '58

From the history of Russo-Moldavian relations in the last quarter of 17th century. N. P. Kirichenko. Uch. zap. Kish. gos. ped. inst. 12:51-59 '59.

RUSSIA—FOREIGN RELATIONS—POLAND

A. L. Ordin-Nashchokin's unknown memorandum on the Russo-Polish relations of the second half of the 17th century T. N. Kopreeva. Probl istoch no. 9:105-220 '61

Guaranty of Poland's independence and strength. Komm. Bel. 34 no. 4:77 Ap '60.

RUSSIA—FOREIGN RELATIONS—PRUSSIA

How Russian diplomats struggled against Prussian aggression in the 1840's A M. Ardabatskaia. Uch zap. SGU 66:116-163 '58.

RUSSIA—FOREIGN RELATIONS—UNITED STATES

America wakes up; prominent American figures on the future of Soviet-American relations. John Howard Lawson and others. Inostr. lit. no. 3 236-243 Mr '60

Americans and the Vienna meeting. I. Ermashev. Nov. vrem. 19 no. 23:3-5 Je '61.

Before the meeting in Vienna. Nov. vrem. 19 no. 22: 1-2 My '61.

For the triumph of a "policy from the position of reason." Kommunist 38 no. 9:86-92 Je '61.

On the eve of the Vienna meeting. Nov. vrem 19 no. 23: 1-2 Je '61.

Reports from Vienna. Val. Zorin, V. Kobysh. Nov. vrem. 19 no. 24:4-5 Je '61.

Thirteen days which raised hopes ("Face to face with America, the story of N. S. Khrushchev's visit to the U. S. A." by A. Adzhubei and others. Reviewed by A. Bel'skaia). Novyi mir 36 no. 4:258-260 Ap '60.

Useful meeting. Nov. vrem. 19 no. 24:1-2 Je '61.

Vienna is proudly waiting. M. Podkliuchnikov. Ogonek 39 no. 22-2-3 My '61.

RUSSIA—GEOGRAPHY see Geography

RUSSIA—HISTORIOGRAPHY

Basic principles of the division of Soviet historiography into successive periods. E. A Lutskii. Ist. SSSR 5 no. 2:102-115 Mr-Ap '61,

Prewar historiography of the Soviet laboring classes. I. E. Vorozheikin. Ist. SSSR 5 no. 3:80-102 My-Je '61.

Some problems concerning the historiography of the first years of Soviet rule, on the conclusion of the "History of the civil war in the U S S R" S S Khesin Ist SSSR 5 no 3 103-115 My-Je '61

Some problems in the history of Soviet historiography. M. Nechkina, IU. Poliakov, I. Cherepnin. Kommunist 38 no. 9 58-70 Je '61.

Some remarks apropos of historical periods in the development of Soviet historical science. A. L. Shapiro Ist SSSR 5 no 3 81-88 My-Je '61.

RUSSIA—HISTORY

Bashilov, B. [Russian "Europe"; Russia under the rule of first successors to Peter I, the early history of Russian Masonry] Russkaia Evropiia, Rossiia pri pervykh preemnikakh Petra I. Nachalo masonstva v Rossii. [n. p.] Izd-vo "Rus'," [n. d.] 87 p.

Bashilov, Boris. [Robespierre on the throne, Peter I and the historical results of his revolutionary reforms] Robespier na trone, Petr I i istoricheskie rezul'taty sovershennoi im revoliutsii. [n. p.] Izd-vo "Rus'," [n. d.] 127 p.

"Holy Russia, the history of Russian spiritual life" [in German] by D. I Schlewskii Vol 1 (from the 10th to the 17th century). Reviewed by IU. N Aleksandrov Ist SSSR 5 no 2:218-223 Mr-Ap '61.

A new tale on the events at the beginning of the 17th century M V Kukushkina Trudy ODRL 17 374-387 '61

Pashuto, V. T., V. I. Salov, and A. L. Khoroshkevich. [Against falsification of the history of our country by German revenge-seekers] Protiv fal'sifikatsii istorii nashei rodiny nemetskimi revanshistami. Moskva, Izd-vo "Znanie," 1961. 29 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 1, Istoriia, no. 10)

Preparing for publication "The history of the U. S. S. R." in 11 volumes. Ist SSSR 5 no. 3:223-226 My-Je '61.

Stepniak-Kravchinskii, S. M. [The Russian underground] Podpol'naia Rossiia. Moskva, Gos. izd-vo khudozh. lit-ry, 1960. 220 p.

V. I Lenin on Russian military-feudal imperialism, an interpretation of the term "military-feudal imperialism." A. L Sidorov. Ist SSSR 5 no 3 47-70 My-Je '61.

RUSSIA—HISTORY—BIBLIOGRAPHY

Bibliographical aids on the history of the U S S R M L Itkin, V. A Dunaevskii, F. N Kudriavtsev. Prep ist v shkole 16 no 3 94-101 My-Je '61

RUSSIA—HISTORY—PERIODICALS

[Krasnyi Arkhiv; an historical journal, 1922-1941. An annotated index of its contents] Krasnyi Arkhiv, istoricheskii zhurnal, 1922-1941. Annotirovannyi ukazatel' soderzhaniia. Sost. R. IA. Zverev. Pod red. V. V. Maksakova. Moskva, Izd-vo Vses. knizhnoi palaty, 1960. 250 p.

Readers discuss the work of our periodical Ist. SSSR 5 no 2:235-236 Mr-Ap '61.

RUSSIA—HISTORY—SOURCES

Abridged records of the War Office from 1550 to 1646. V. I Buganov. Probl istoch no 9:270-279 '61

Apropos of the publications of the legislative enactments of the second half of the 16th century R. B Miuller Probl. istoch no 9:308-310 '61

"The archaeographic yearbook of 1956." Reviewed by K. N. Kudriashov. Ist SSSR 5 no. 3 182-183 My-Je '61.

Composition and origin of the pictorial chronicle of the second half of the 16th century O. I Podobedova Probl. istoch no 9,280-332 '61

A contract of the year 1420 for the construction of the St Trinity Church in Klopsk; a source for the biography of St. Mikhail from Klopsk Andrei Poppe. Probl istoch. no. 9 386-407 '61.

A historiographical study ("Sources for Russian history from the 10th to the 16th century" by I I Sherman. Reviewed by A Z. Barabanov). Ukr ist zhur. 5 no 5, 124-126 My-Je '61

The Moscow chronicle of 1479 and its south Russian sources. A. N Nasonov. Probl istoch no. 9:350-385 '61

Proposed instruction for the publication of "The letters and papers of Peter the Great" T. S. Maikova Probl istoch. no 9:439-463 '61

A review of the collection of Novgorod documents in the Swedish State Archives in Stockholm L. V Cherepnin Probl. istoch. no. 9,221-257 '61

Spiridovich, A. I. [The Great War and the February Revolution, from 1914 to 1917] Velikaia Voina i Fevral'skaia Revoliutsiia 1914-1917 gg. New York, Vseslavianskoe izd-vo.
Book 1. 1960. 308 p.
Book 2. 1960. 239 p.

Ukrainian letters to the Russian government relating to the treason of Mazepa, 1708. V. E. Shutol. Ist. SSSR 5 no. 2:163-170 Mr-Ap '61

Written reports of the diplomats of Peter I, from 1700 to 1714 T. K. Krylova. Probl istoch no. 9:163-181 '61

RUSSIA—HISTORY—STUDY AND TEACHING

First lessons of the history of the U S S R in the seventh grade. P S Leibengrub Prep ist v shkole 16 no 3 15-16 My-Je '61

Visual aids on the elementary course of the history of the U S S R T A Gerasimov, G G Gerasimova Prep ist v shkole 16 no 3 46-51 My-Je '61

RUSSIA—HISTORY, MILITARY

The Military Science Society affiliated with the Central Museum of the Soviet Army. Ist.SSSR 5 no. 3 233-235 My-Je '61

RUSSIA—HISTORY, MILITARY—BIBLIOGRAPHY

Studies on the history of wars and military art Voen-ist zhur 4 no 6:124-126 Je '61

RUSSIA—INDUSTRIES

A diagram Blok agit [Ukr] no 12 57 Ap '60

Documental evidence of the glory of heroic work. G. Ivanov. NTO 3 no. 5:58-59 My '61.

Lokshin, E. IU. [Problems of the economical use of material resources in Soviet industry] Voprosy ekonomiki materialnykh resursov v promyshlennosti SSSR. Moskva, Gosplanizdat, 1960. 364 p.

"The Soviet national economy in 1959, a statistical yearbook" Reviewed by A. I. Khavin Ist SSSR 5 no 2 171-174 Mr-Ap '61

Strength of the Soviet national economy ("The U. S. S. R. in figures in 1960." Reviewed by S. Vorkunov). Polit. samoobr. 5 no. 5 109-115 '61.

Victorious march of the second year of the seven-year plan Blok agit [Ukr] no 12 16 Ap '60

RUSSIA—INTELLECTUAL LIFE

"Holy Russia, the history of Russian spiritual life" [in German] by D. Tschizewskij. Vol 1 (from the 10th to the 17th century). Reviewed by IU N Aleksandrov Ist SSSR 5 no. 2:218-223 Mr-Ap '61.

RUSSIA—LITERATURES

Shevchenko and the literatures of the peoples of the U S S R V Il' Shubravskyi Rad lit 5 no 2 91-91 Mr-Ap '61

They sing of their leader. M Voskoboinikov Zvezda no 4:192-194 Ap '61

RUSSIA—MANUFACTURES

Soviet pavilion at the International Exhibition in Turin. P. Vorobiev. Bezop. truda v prom. 5 no. 5:38-39 My '61.

RUSSIA—NAVY

If you know how to do it, teach your comrade! Sov. mor. 20 no 4:20-21 F '60.

Makovskii, A. A., and B. M. Radchenko. [The Red Banner Caspian Fleet, an historical account] Kaspiiskaia Krasnoznamennaia; istoricheskii ocherk. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 191 p.

Poleshchuk, V. I., and others. [The fighting and revolutionary traditions of the sailors of the Red Banner Caspian Fleet] Boevye i revoliutsionnye traditsii moriakov Krasnoznamennoi Kaspiiskoi flotilii. Baku, Azerbaidzhanskoe gos. izd-vo, 1960. 178 p.

RUSSIA—NAVY—PARTY WORK

Follow-up of articles published in our periodical. Komm. Vooruzh. Sil 1 no. 12.96 Je '61.

RUSSIA—OFFICIALS AND EMPLOYEES

Follow-up of a Communist's letter. Part. zhizn' no. 12:79 Je '61.

RUSSIA—POLITICS AND GOVERNMENT

Chronicle of recent events. IU. P. Mironenko. Mat. i soob. Issl. otd. Inst. po izuch. SSSR no. 24:62-69 '61.

Collected works of a Bolshevik and follower of Lenin ("Selected works" by A. G. Shlikhter. Reviewed by IU P Lavrov Ukr ist zhur 4 no. 2 154-157 Mr-Ap '60

The development of Soviet democracy as the realization of Lenin's theory of the socialist state. A. G Lashin Vest Mosk un Ser 10. Pravo 15 no 2:3-14 Ap-Je '60

"The development of the federal Soviet socialist state" by S. I. IAkubovskaia. Reviewed by B. T Baglikov. Ist. SSSR 5 no. 3:189-192 My-Je '61.

Exactingness of higher officials. Sov. deput. trud. no. 6: 41-42 Je '61.

Frunze, M. V. [Fifth anniversary of the Soviet regime. The Union of Soviet Republics. Twenty five years of the Russian Communist Party (Bolshevik)] Piataia godovshchina Sovetskoi vlasti. O soiuznom ob"edinenii Sovetskikh respublik. 25 let RKP(b) Moskva, Gos. izd-vo polit. lit-ry, 1960. 60 p. (Bibliotechka po nauchnomu sotsializmu, no. 60)

[Gazette of the Supreme Soviet of the R. S. F. S. R.] Ved. Verkh. Sov. RSFSR 5 nos. 20-23 My-Je '61.

[Gazette of the Supreme Soviet of the U. S. S. R.] Ved. Verkh. Sov. SSSR 24 nos. 23-24 Je '61.

History of the Soviet state ("The All-Russian Central Executive Committee during the first years of Soviet rule, 1917-1920" by K. G. Fedorov. Reviewed by IU. I. Avdeev, V. M. Kleandrova, O. I. Chistiakov). Vest. Mosk. un. Ser. 10. Pravo 15 no. 1 67-70 '60.

Leninism is our banner. Komm. Mold. 5 no. 4:3-9 Ap '60.

Loyalty to Leninism is the main source of CPSU strength. M. Kokorin. Komm. Mold. 5 no. 4 12-13 Ap '60.

"Organization and work of the Workers' and Peasants' Inspection from 1919 to 1925" by S. N. Ikonnikov Reviewed by I. M. Sorokovanova Ist SSSR 5 no 2 178-180 Mr-Ap '61

"The problem of national sovereignty in the U. S. S. R." by IU G. Sushitsyn. Reviewed by S. S Kravchuk Vest Mosk un Ser 10 Pravo 15 no. 2 68-72 Ap-Je '60.

Russia (1917- R. S. F. S. R.) Verkhovnyi Sovet. [Meetings of the Fifth Supreme Soviet of the RSFSR, third session, October 25-27, 1960, a verbatim report] Zasedaniia Verkhovnogo Soveta RSFSR, piatogo sozyva tretiia sessiia, 25-27 oktiabria 1960 g., stenograficheskii otchet. [Moskva] 1960. 335 p.

Russia (1917- R. S. F. S. R.) Verkhovnyi Sovet. [Meetings of the Fifth Supreme Soviet of the R. S. F. S. R., fourth session, December 26-27, 1960, Verbatim report] Zasedaniia Verkhovnogo Soveta RSFSR, piatogo sozyva chetvertaia sessiia, 26-27 dekabria 1960 g., stenograficheskii otchet. [Moskva] 1961. 178 p.

Strengthening Lenin's alliance between workers and peasants is the main task in the building of communism. A. Medvedev. Komm. Mold. 5 no. 4 19-31 Ap '60.

V. I Lenin on the participation of the masses in government Sots zakon 17 no 4 3-6 Ap '60

Valuev, P. A. [The diary of P. A. Valuev, the Minister of Internal Affairs, in two volumes] Dnevnik P. A. Valueva ministra vnutrennikh del v dvukh tomakh. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 1. 1861-1864. 1961. 420 p.

RUSSIA—RELATIONS (GENERAL) WITH BESSARABIA

P. P. Svin'in in Bessarabia B. A. Trubetskoi Uch zap Kish un 36 56-65 '59

RUSSIA—RELATIONS (GENERAL) WITH CHINA

International education. M Maksymenko Doshk vykh. 22 no. 5 21-23 My '61

RUSSIA—RELATIONS (GENERAL) WITH COMMUNIST COUNTRIES

Striking features of great friendship ("Friends." Reviewed by M. Senin). Kommunist 38 no. 9:112-114 Je '61

RUSSIA—RELATIONS (GENERAL) WITH CUBA

Moscow and Havana. Sov. deput. trud. no. 6:105-108 Je '61.

Welcome, young Cuba! B Cherkasov, I. Splendor. Smena 38 no 7:12-11 Ap '61

RUSSIA—RELATIONS (GENERAL) WITH CZECHOSLOVAKIA

Eternal friendship. Ukraina no. 11:1 Je '61.

Studying the Czech-Russian literary ties of the 17th century A M Panchenko Trudy ODRL 17 640-652 '61.

RUSSIA—RELATIONS (GENERAL) WITH FINLAND

Mutual understanding. S. Chepurov. Sov. deput. trud. no. 6:108-109 Je '61.

RUSSIA—RELATIONS (GENERAL) WITH FOREIGN COUNTRIES

Discussion in Winston House. A. M. Mir. ekon. i mezhdunar. otn. no 6:115-118 Je '61.

Lectures read by foreign scientists at the A. A. Baikov's Institute of Metallurgy of the Academy of Sciences of the U. S. S. R. in 1956. Trudy Inst. met. no. 4:262 '60.

Three reminiscences Oleksandr Herdii. Ukraina no 8 11-12 Ap '60.

Visit by scientists of the A. A. Baikov's Institute of Metallurgy of the Academy of Sciences of the U. S. S. R. to foreign countries in 1956. Trudy Inst. met. no. 4: 260-261 '60.

RUSSIA—RELATIONS (GENERAL) WITH FRANCE

A city which extended an invitation to N. S. Khrushchev Pierre Rondiere Inostr lit. no. 3 232-235 Mr '60.

Liusia Chukova, Communist Youth League representative. F. Rodionov. Smena 38 no. 8 18-19 Ap '61.

RUSSIA—RELATIONS (GENERAL) WITH GREAT BRITAIN

Toward broader cooperation. V. Emel'ianov. Nov. vrem. 19 no. 24:6-7 Je '61.

RUSSIA—RELATIONS (GENERAL) WITH HUNGARY

Visiting with our Hungarian friends. G. A. Skotnikov. Sred. spets. obr. 8 no. 5:56-57 My '61.

RUSSIA—RELATIONS (GENERAL) WITH INDIA

"India and Lenin" [in English]. Reviewed by G. Z. Ioffe. Ist. SSSR 5 no. 2:211-214 Mr-Ap '61.

India and Russia ("Bharat-Rus, an introduction to Indo-Russian contacts and travels from mediaeval times to the October Revolution" [in English] by P. Kemp. Reviewed by P. Rasul'-Zade). Obshchestv. nauki v Uz. no. 1:64-67 '61.

What they know about the Soviet Union in India. G. A. Akhmanov. Mat. i soob. Issl. otd. Inst. po izuch. SSSR no. 24 48-55 '61.

RUSSIA—RELATIONS (GENERAL) WITH INDONESIA

Across the equator to Indonesia. (conclusion). M. Kolesnikov. Sov. mor 20 no. 4 13-16 F '60

RUSSIA—RELATIONS (GENERAL) WITH IRAN

Osmanova, Z. G. [M. Gor'kii and the literature of Iran] M. Gor'kii i literatura Irana. Moskva, Izd-vo vostochnoi lit-ry, 1961. 127 p.

RUSSIA—RELATIONS (GENERAL) WITH SCOTLAND

What we have seen in the Soviet Union (from the "Scottish Horse and Motormen Association Delegation Report on a Visit to the Soviet Union"). Avt. transp. 39 no. 5 10-11 My '61.

RUSSIA—RELATIONS (GENERAL) WITH SWEDEN

Materials on the history of Russian culture and Russian-Swedish cultural ties of the 17th century in the archives of Sweden I V Cherepnin Trudy ODRL 17 451-461 '61

RUSSIA—RELATIONS (GENERAL) WITH THE BALTIC STATES

A session devoted to historical ties of the Baltic peoples with Russia. Ist SSSR 5 no 2:230-231 Mr-Ap '61

RUSSIA—RELATIONS (GENERAL) WITH THE UNITED STATES

A book on the struggle of the American people for friendly relations with the Soviet Union ("Struggle in the U S A for the choice of a policy toward the U S S R during the Great Patriotic War, July 1942-June 1944" by V S Koval' Reviewed by A K Martyniuk) Ukr ist zhur 4 no 2 177-179 Mr-Ap '60

RUSSIA—RELIGION

The most important events in the life of churches and religious groups in the U. S. S. R. N. A. Teodorovich Mat. i soob. Issl. otd. Inst. po izuch. SSSR no. 24 56-61 '61

Rotten roots. V Kocherov Volov ateist no 4:30-34 Ap '61

RUSSIA—REVOLUTION, 1917-1921

"The early stage of socialist reforms in rural areas during the first years of Soviet rule" Reviewed by IU V Fulin. Ist. SSSR 5 no 2 186-189 Mr-Ap '61

Eritsian, Kh. A. [The soviets of peasants' deputies during the October Revolution] Sovety krest'ianskikh deputatov v Oktiabr'skoi revoliutsii Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 189 p.

The first day of V. I. Lenin's work as chairman of the Council of People's Commissars. D. V Klopov. Ist SSSR 5 no. 2 116-125 Mr-Ap '61

Following the objectives proposed by the great leader, T. Shoinikev. Part. zhizn' Kazakh. 30 no. 4:50-53 Ap '60.

From the pages of the press. Part. zhizn' Kazakh. 30 no. 4:78-80 Ap '60.

[History of the civil war on the U. S. S. R.] Istoriia grazhdanskoi voiny v SSSR. Pod red. M. Gor'kogo i dr. Moskva, [Publisher varies] 1935-1959. 4 v.
(NN)

How Soviet Russia struggled for peace during the period of the civil war and armed intervention [in Georgian with summary in Russian]. I. Chikava. Trudy Tbil. GU 77: 315-333 '59.

How the Communist Party struggled for the development of the socialist revolution and the consolidation of Soviet rule, October 1917-1918. A. Iovlev. Komm. Vooruzh. Sil 1 no. 12:80-85 Je '61.

Large "family" of an old plumber. M Chabanov Ukraina no. 7 16 Ap '60.

Soldier's oath. V. Shtyrliaev. Sov. voin. 41 no. 6:13 Mr '60.

Some problems concerning the historiography of the first years of Soviet rule, on the conclusion of the "History of the civil war in the U. S. S. R." S. S. Khesin Ist SSSR 5 no. 3:103-115 My-Je '61

"Studies on the history of the All-Russian Extraordinary Commission" by P. G. Sofinov. Reviewed by I IA. Trifonov. Ist. SSSR 5 no. 3:167-169 My-Je '61.

RUSSIA—REVOLUTION, 1917-1921—PERSONAL NARRATIVES

Furmanov, D. A. [Collected works in four volumes] Sobranie sochinenii v chetyrekh tomakh. Moskva, Gos. izd-vo khudozh. lit-ry,
Vol. 1. Chapaev. 1960. 341 p.
Vol. 2. [The insurrection] Miatezh. 1960. 404 p.

Golden autumn. E. Drabkina. Novyi mir 36 no. 4:6-45 Ap '60.

RUSSIA—ROAD MAPS

[Road atlas of the U. S. S. R.] Atlas avtomobil'nykh dorog SSSR. Izd. 4. Moskva, Glav. upr. geodezii i kartografii MG i ON SSSR, 1961. 130 p.
[MICROFILM]

RUSSIA—RURAL CONDITIONS

Always moving ("Their hearts are here"; sketches by Aleksandra Gorobova. Reviewed by N. Atarov). Novyi mir 36 no. 4:265-268 Ap '60.

RUSSIA—SOCIAL CONDITIONS

My assignment is counselling. M. Zlatorogov. Ogonek 39 no. 22 17-19 My '61.

Nemilsov, V. I. [Excitements, joys and hopes; thoughts on education] Volneniia, radosti, nadezhdy, mysli o vospitanii. Moskva, Gos. izd-vo polit. lit-ry, 1961. 318 p.

RUSSIA—STATISTICS

Statistical and economic descriptions of the forties and fifties of the 19th century, from the history of Russian prereform statistics. B. G. Ploshko. Nauch. zap. Len. fin.-ekon. inst. no. 19 178-203 '59.

RUSSIA, NORTHERN—BUILDING—COLD WEATHER CONDITIONS

Urban construction standards for the Far North. B. Muraviev. Arkhit. SSSR no. 4 55 '61.

RUSSIA, NORTHERN—CHURCH LANDS

The landed property of churches in the volosts of northern Russia, the initial forms of feudal landownership. Z. A. Ogrizko. Ist. SSSR 5 no. 3:71-80 My-Je '61.

RUSSIA, NORTHERN—LABOR LAWS AND LEGISLATION

New laws and regulations enacted by the ministries and governmental agencies of the U. S. S. R. and the Union Republics. Sots. zakon. 31 no. 1 81-83 Ap '60.

RUSSIA, NORTHERN—LITERATURES

The youthfulness of the Far North. Gennadii Gor, Valerii Druzin. Oktiabr' 38 no. 5 191-195 My '61.

RUSSIA, NORTHERN—MINING ENGINEERING

Basic considerations in planning snow fences at mining enterprises beyound the Arctic Circle. I. V. Usevich. Gor. zhur. no. 6, 21-24 Mi '60.

RUSSIA, NORTHERN—PALEONTOLOGY

Distribution of some species of Halobia Bronn. and Sirenites Mojs. in the Carnic stage of the northeastern U. S. S. R. V. F. Vozin. Izv. Sib. otd. AN SSSR Geol. i geofiz. no. 1, 105-108 '58.

RUSSIA, NORTHERN—POTATOES

When to plant potatoes in the North. V. A. Didenko. Agrobiologiia no. 3:450-452 My-Je '61.

RUSSIA, NORTHERN—TOMATOES

Heterosis in tomatoes and its utilization in the Far North [with summary in English]. P. P. Gusev, N. A. Guseva. Trudy po prikl. bot., gen. i sel. 32 no. 3: 133-139 '59.

RUSSIA, NORTHERN—WATER SUPPLY

Some hygiene problems of water supply in conditions of the Far North. S. M. Drachev, A. I. Itskova, A. M. Sologub. Gig. i san. 25 no. 7, 95-97 Jl '60.

RUSSIA, NORTHWESTERN—FOREST ECOLOGY

Classification of lichen and mountain-cranberry pine forests [with summary in English]. V. I. Vasilevich. Vest. LGU 16 no. 9 5-15 '61.

RUSSIA, SOUTHERN—ARCHAEOLOGY

Akademiia nauk SSSR. Institut arkheologii. [Materials and studies on the archaeology of the southwestern U. S. S. R. and the Rumanian People's Republic] Materialy i issledovaniia po arkheologii IUgo-Zapada SSSR i Rumynskoi Narodnoi Respubliki. Kishinev, Gos. izd-vo "Kartia Moldoveniaske," 1960. 352 p.

RUSSIA, SOUTHERN—GEOLOGY, STRATIGRAPHIC

Upper Permian and lower Triassic deposits of the Ciscaucasian Platform and adjacent regions. M. F. Mirchink, N. A. Krylov, A. I. Letavin. Dokl. AN SSSR 138 no. 4: 916-919 Je '61.

RUSSIA, SOUTHERN—WATER BIRDS

Geographical types of bird wintering places and some aspects of the protection of water birds in the southern seas of the U. S. S. R. V. S. Zaletaev. Okhr. prir. i zapov. delo v SSSR no. 6:52-66 '60.

RUSSIAN BATHS see Baths, Russian

RUSSIAN DRAMA

IArtsev, K. N. [Actors and fighters] Aktery i boitsy. Moskva, Vserossiiskoe teatral'noe ob-vo, 1959. 132 p. (MH)

RUSSIAN DRAMA (COMEDY)

What comedy lives by. V. Frolov. Teatr 22 no. 5:39-50 My '61.

RUSSIAN LANGUAGE—ADVERB

Presubstantive usage of adverbs. L. K. Chikina. Uch. zap. Smol. gos. ped. inst. no. 9:219-233 '58.

RUSSIAN LANGUAGE—AUDIO-VISUAL AIDS

Perception of pictures by fourth grade students. B. M. Kozlov. Uch. zap. Chel. gos. ped. inst. 6 no. 1:100-118 '59.

RUSSIAN LANGUAGE—CASE

Ways of discerning the cases of nouns in the fifth grade. G. P. Tikunina. Uch. zap. Smol. gos. ped. inst. no. 9 198-206 '58.

RUSSIAN LANGUAGE—CLAUSES

Know your mother tongue. D. Rozental'. Ilin tekh. 5 no. 5:67-68 My '61.

RUSSIAN LANGUAGE—DIALECTS

Analogue of certain characteristics of the restrained "iakan'ye" (pronunciation of an unstressed "e" as "a" which is, however, written as "ia") in the central Great Russian and south Great Russian dialects. N. B. Parfenkova. Uch. zap. Vel. Luk. gos. ped. inst. 4 no. 3 80-97 '59.

Compiling a card index for a regional dictionary based on V. I. Dal's dictionary. O. I. Rybkina. Uch. zap. Smol. gos. ped. inst. no. 9 161-167 '58.

Materials for a "Smolensk regional dictionary." A. I. Ivanova, M. A. Kustareva, B. A. Moiseev. Uch. zap. Smol. gos. ped. inst. no. 9:105-160 '58.

Matveev, A. K. [Finno-Ugrian loan words in the Russian dialects of the Northern Urals] Finno-Ugorskie zaimstvovaniia v Russkikh govorakh Severnogo Urala. Sverdlovsk, 1959. 123 p. (Sverdlovsk. Ural'skii gosudarstvennyi universitet. Uchenye zapiski, no. 32)

Old south Great Russian parallels to the vocabulary of "The lay of the host of Igor." S. I. Kotkov. Trudy ODRL. 17 65-71 '61.

Reflection of dialectal characteristics in two literary monuments of the 15th and 16th century, based on the "Eulogy by the Monk Foma in praise of Boris Aleksandrovich, True Believer and Grand Prince." R. B. Turkina. Uch. zap. Vel. Luk. gos. ped. inst. 4 no. 3 65-79 '59.

Spelling errors of the unstressed vowels "o" and "a" made by students in schools of the Smolensk Province. M. A. Kustareva. Uch. zap. Smol. gos. ped. inst. no. 9: 168-179 '58.

A syntactical characteristic of the Smolensk dialects. B. A. Moiseev. Uch. zap. Smol. gos. ped. inst. no. 9. 86-94 '58.

Vocalizing the first pretonic syllable in the dialects of the Kholm-Zhirkovskiy District in Smolensk Province. A. I. Ivanova. Uch. zap. Smol. gos. ped. inst. no. 9, 95-104 '58.

RUSSIAN LANGUAGE—DICTIONARIES

Compiling a card index for a regional dictionary based on V. I. Dal's dictionary. O. I. Rybkina. Uch. zap. Smol. gos. ped. inst. no. 9:161-167 '58.

Materials for a "Smolensk regional dictionary." A. I. Ivanova, M. A. Kustareva, B. A. Moiseev. Uch. zap. Smol. gos. ped. inst. no. 9:105-160 '58.

RUSSIAN LANGUAGE—DICTIONARIES—UZBEK

Publication of a five-volume Russian-Uzbek dictionary. S. I. Zaitsev. Izv. AN Uz. SSR no. 4:79-80 '56.

RUSSIAN LANGUAGE—ETYMOLOGY

Moscow. Universitet. Kafedra russkogo iazyka. [Etymological studies in the Russian language] Etimologicheskie issledovaniia po russkomu iazyku. [Moskva] Izd-vo Mosk. univ.
Vol. 1. 1960.
(MH)

RUSSIAN LANGUAGE—GRAMMAR

Adverbialization of nouns in the genetive case with the preposition "do" in the modern Russian language. A. S. Dymskii. Uch. zap. Smol. gos. ped. inst. no. 9:20-58 '58.

Predicates expressed in the verbal forms of the past tense in the social and political writings of the first half of the 18th century. B. V. Krivenk[illegible] Uch. zap. Lip. gos. ped. inst. 2:163-181 '58.

Usage of verbs in composition with in the language of monuments of language during the 17th and beg tury. L. V. Solov'eva. Uch. zap. no. 9:5-25 '58.

RUSSIAN LANGUAGE—GRAMMAR, GERMAN

Ways of translating more precise Russian verb into German. Z. I lit. no. 1:31-53 '59.

RUSSIAN LANGUAGE—INTONATIO

Intonation of conversational spee scene of Pushkin's "Boris Godu Uch. zap. LGU no. 209:53-67 '6

RUSSIAN LANGUAGE—MOOD

Desire as one of the forms of exp tences with a nominal predicate. Uch. zap. Vel. Luk. gos. ped. inst.

RUSSIAN LANGUAGE—NOUN

The development of the meaning nouns in the 18th century. N. V. Kovaleva. Uch. zap. Kish. un. [illegible]

Formation of verbal abstract nouns with the suffix "nie" in the Russian literary language of the 17th century. E. F. Kovaleva. Uch. zap. Kish. un. 37:101-125 '59.

Verbal abstract nouns without a suffix in the Russian language of the 17th century; prefixal formations. N. V. IUstratova, E. F. Kovaleva. Uch. zap. Kish. un. 37 127-139 '59.

RUSSIAN LANGUAGE—OLD RUSSIAN

Two forms of the dative absolute in the Old Russian language. L. V. Grave. Uch. zap. Smol. gos. ped. inst. no. 9:68-85 '58.

RUSSIAN LANGUAGE—ORTHOGRAPHY

Spelling errors of the unstressed vowels "o" and "a" made by students in schools of the Smolensk Province. M. A. Kustareva. Uch. zap. Smol. gos. ped. inst. no. 9 168-179 '58.

RUSSIAN LANGUAGE—PHONETICS

Vocalizing the first pretonic syllable in the dialects of the Kholm-Zhirkovskiy District in Smolensk Province. A. I. Ivanova. Uch. zap. Smol. gos. ped. inst. no. 9:95-104 '58.

RUSSIAN LANGUAGE—PRONUNCIATION

Analogies of certain characteristics of the restrained "iakan'ye" (pronunciation of an unstressed "e" as "a" which is, however, written as "ia") in the central Great Russian and south Great Russian dialects. N. B. Parfenkova. Uch. zap. Vel. Luk. gos. ped. inst. 4 no. 3 80-97 '59.

RUSSIAN LANGUAGE—SENTENCES

Analyzing the nominative sentence. D. P. Ardentov. Uch. zap. Kish. un. 37:75-93 '59.

RUSSIAN LANGUAGE—SPOKEN RUSSIAN

"Do we speak correctly?" by Boris Timofeev. Reviewed by V. Manuilov. Zvezda no. 3:213-214 Mr '61.

RUSSIAN LANGUAGE—STUDY AND TEACHING
(see also subdivision under Uzbekistan)

Akademiia pedagogicheskikh nauk RSFSR, Moscow. Institut natsional'nykh shkol. [Methods of teaching the Russian language in non-Russian elementary schools, teacher's manual for national teachers schools] Metodika obucheniia russkomu iazyku v nachal'noi nerusskoi shkole; uchebnoe posobie dlia natsional'nykh poduchilishch. Pod obshchei red. F. F. Sovetkina i V. M. Chistiakova. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 185 p.

Akademiia pedagogicheskikh nauk RSFSR, Moscow. Institut obshchego i politekhnicheskogo obrazovaniia. [Teaching the Russian language according to the new program in the eight-year school] O prepodavanii russkogo iazyka v vos'miletnei shkole po novoi programme. Pod red. V. A. Dobromyslova i G. P. Firsova. Moskva, 1960. 207 p.

Let's train students to pay attention to the pictorial means of the language. M. I. Omorokova. Nach. shkola 29 no. 5 12-15 My '61.

Methods of teaching exposition to children of the older preschool age group. O. Leshchenko. Doshk. vykh. 22 no. 5:13-20 My '61.

Recommended planning of Russian language teaching materials. Nar. asv. no. 1:15-51 Ja '61.

Samples of control dictations at the end of the year. M. L. Zakozhurnikova. Nach. shkola 29 no. 5:86-87 My '61.

The significance and certain aspects of the independent study done by pupils studying the Russian language from the fifth to the seventh grade. D. A. Porunkevich. Uch. zap. Smol. gos. ped. inst. no. 9:188-197 '58.

The significance of anticipatory auditory dictation and oral orthographic analysis. D. D. Alkhimov. Uch.

606276 O - 61 - 18

RUSSIAN LANGUAGE -- SYNTAX (Continued)

Desire as one of the forms of expressing will in sentences with a nominal predicate A G Malinkina Uch zap Vel. Luk gos. ped inst 4 no 1 3-12 '59

Presubstantive usage of adverbs. L. K. Chikina. Uch. zap. Smol. gos. ped. inst. no. 9-219-233 '58.

Synonymy of syntactic constructions expressing definite relations in the modern Russian language N P Shumilov Uch. zap. Vel Luk gos ped inst. 4 no 3 13-29 '59

A syntactical characteristic of the Smolensk dialects. B. A. Moiseev. Uch. zap Smol. gos. ped. inst. no. 9 86-94 '58.

Two forms of the dative absolute in the Old Russian language. L. V. Grave. Uch. zap. Smol. gos. ped. inst. no. 9-68-85 '58.

RUSSIAN LANGUAGE—TECHNICAL RUSSIAN

Formation of new compound words. M. I Zakharova Uch zap Kish un 36 135-142 '59

RUSSIAN LANGUAGE—TENSE

The functional significance of the future perfective tense of the verb in Russian literary monuments from the 11th to the 16th century T. S Rozanova. Uch zap Vel Luk gos ped inst. 4 no. 3;53-64 '59

Historical stages in the study of the verbal category of tense in Russian linguistics T S Rozanova Uch zap Vel. Luk. gos ped inst. 4 no 3 36-52 '59

RUSSIAN LANGUAGE—VERB

Reasons for mistakes made by fifth grade students in the personal endings of verbs of the first and second conjugation. G. P. Turina. Uch. zap. Smol. gos. ped. inst. no. 9 180-187 '58.

Reflexive verbs ending in -sia in the Russian language. S P. Obnorskii Izv. AN SSSR Otd. lit. i jaz. 19 no. 1: 19-21 Ja-F '60

Thought relationships in verbs of motion in the Old Russian language. A. I Kuznetsova Vest. Mosk un Ser 7 Filol , zhur 16 no 1 34-48 Ja-F '61

RUSSIAN LANGUAGE—VERSIFICATION—STUDY AND TEACHING

[Study of versification in the school] Izuchenie stikhoslozhenila v shkole, sbornik statei pod red. L. I. Timofeeva. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 216 p.

RUSSIAN LANGUAGE—VOWELS

The system of vowel sounds in the dialect of the village of Seregovo in Zheleznodorozhnyy District, Komi A S S R M. S Mikheeva Uch zap komi gos. ped inst no 7 201-224 '59.

RUSSIAN LANGUAGE—WORD FORMATION

Formation of new compound words. M. I. Zakharova Uch zap. Kish un 36 135-142 '59

RUSSIAN LANGUAGE—WORD ORDER

Studies on word order in the works of Russian linguists. M. Kurkanov. Trudy API 7:49-59 '59.

RUSSIAN LANGUAGE—WORDS

Cheshko, L. A. [The study of words having no grammatical relation to the remainder of a sentence, a teacher's guide] Izuchenie slov, grammaticheski ne sviazannykh s predlozheniem; posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 102 p.

On proportionality and conformity; chapters from a future book. Kornei Chukovskii. Novyi mir 37 no. 5:198-223 My '61.

RUSSIAN LANGUAGE—WRITING

An understanding of the origin of the civil alphabet. V S. Liublinskii. Trudy ODRL 17-520-527 '61

RUSSIAN LITERATURE

New materials of Lenin's views on literature and art. B Meilakh Zvezda no. 4 186-19) Ap '61.

On the eve. Evgenii Permiak Oktiabr' 38 no. 5-14-18 My '61

The Soviet character. Vadim Ocheretin. Oktiabr' 38 no. 5 8-11 My '61.

RUSSIAN LITERATURE—BIBLIOGRAPHY see Bibliography—Russian literature

RUSSIAN LITERATURE—HISTORY AND CRITICISM

Account of the archaeographic expedition undertaken in the upper reaches of the Pechora and Kolva Rivers during 1959 IU. K. Begunov, A. S. Demin, A. M. Panchenko Trudy ODRL 17 545-557 '61.

Against distrust toward the romanticist, L. Shvetsova. Novyi mir 36 no. 4:232-237 Ap '61.

Akademiia nauk SSSR. Institut russkoi literatury. [Problems of Soviet literature] Voprosy sovetskoi literatury pod red. P. S. Vykhodtseva i V. A. Kovaleva. Moskva.
Vol. 8. 1959. 490 p.

An archaeographic expedition undertaken to the Belomorsk, Kem, and Leukhi districts in the Karelian A S. S. R. during the summer of 1958. L. A. Dmitriev, A. I. Kopanev. Trudy ODRL 17:531-544 '61.

Book of chronicles on Tobolsk A Z Zhavoronkov Trudy ODRL 17 195-199 '61

...But the forms may be varied. IU. Surovtsev. Moskva 5 no. 4 170-178 '61.

Dating the Russian tale on the taking of Constantinople by the Turks S N Arbelev Trudy ODRL 17:334-337 '61

"Debate of a faithful monk with an apostate", from the Old Believers' literature of the 17th century N S Sarafanova Trudy ODRL 17 281-289 '61

Defending a thesis for the doctor's degree T A. Pisareva. Vest Mosk. un. Ser 7 Filol., zhur 16 no 1: 93-95 Ja-F '61

Dmitriev, L. A. [History of the first edition of the "Lay of Igor's Host", materials and research] Istoriia pervogo izdaniia "Slova o polku Igoreve", materialy i issledovanie. Moskva, Izd-vo Akad. nauk SSSR, 1960. 376 p.

The emergence of the cult of Peter and Fevronia of Murom as a result of the ideological content of their "Lives" and the timely appearance of its initial version V I Tagunova Trudy ODRL 17 338-341 '61

"Formation of ideological unity in Soviet literature from 1917 to 1932" by V. Ivanov. Reviewed by V. Danilenko. Zvezda no. 3:214-215 Mr '61.

The hero and conflict in the postwar Russian novel concerning the Bolshevik underground P F. Ushin. Vest Mosk un. Ser 7 Filol , zhur 15 no. 2:15-27 Mr-Ap '60

The historical, literary, and general content of the Ust-Tsilma manuscripts of the 17th to the 19th century V. I Malyshev Trudy ODRL 17 561-601 '61

"History of Russian literature Vol 1 'The Moscow Period'" [in German] by Adolf Stender-Petersen Reviewed by M D Kagan, IA S Lurie Trudy ODRL 17 629-639 '61

The history of the creation of the "Legend about the Vladimir princes" R P Dmitrieva Trudy ODRL 17 342-347 '61

Identifying authors of works of ancient Russian literature D. S. Likhachev Trudy ODRL 17 17-41 '61

Innovation in Soviet literature P. D. Kirevskii. Uch zap MGPI 97 5-18 '59

"Legend of the murder of Daniil of Suzdal and of the beginnings of Moscow" as a literary monument. M A Salmina. Trudy ODRL 17 272-280 '61

Lenin's precepts for the study of revolutionary democratic Russian literature, in honor of the 90th anniversary of V I. Lenin's birth N A. Gingolov Vest Mosk un Ser. 7 Filol , zhur 15 no 2 3-14 Mr-Ap '60

The literary code of ancient Russia D S Likhachov Trudy ODRL 17 5-16 '61

[Literature and contemporaneity; articles written during 1959 and 1960] Literatura i sovremennost', stat'i 1959-1960 godov. Moskva, Gos. izd-vo khudozh. lit-ry, 1960. 503 p.

Manuscript books from the Loknya and Chikhachevo districts of the Pskov Province A M Panchenko Trudy ODRL 17-559-560 '61.

Manuscript collection of the A. S. Pushkin Museum in Chordyn IU. K Begunov, A S. Demin, A M Panchenko Trudy ODRL 17 606-615 '61.

Manuscript materials of the But District Museum in Kostroma Province M. I. Matasov Trudy ODRL 17 616-617 '61

The Murom copies of the "Tale about IUliania Lazarevskaia." V I. Tagunova. Trudy ODRL 17 414-418 '61

A new tale on the events at the beginning of the 17th century. M V. Kukushkina Trudy ODRL 17:374-387 '61

A new work on the history of Soviet Russian literature ("History of Soviet Russian literature in three volumes." Vol. 1, 1917-1920. Reviewed by V V Buznik). Izv. AN SSSR. Otd. lit. i jaz 19 no. 1 46-51 Ja-F '60.

Old Russian tale about TSar Ivan Vasil'evich and the merchant Khariton Beloulin D N Al'shits Trudy ODRL 17:255-271 '61.

On one revision of the "Life of the Boyar Morozov" A. I. Mazunin Trudy ODRL 17:420-434 '61

Osipova, L. T. [Obvious slavery and secret freedom; remarks on Soviet literature] IAvnoe rabstvo i tainaia svoboda; zametki o sovetskoi literature. Munich, Izd-vo TSentral'nogo ob"edinenila polit. emigrantov iz SSSR, 1960. 240 p.
(NN)

Problems of literary theory. G. N. Pospelov. Vest. Mosk un, Ser. 7 Filol , zhur. 16 no. 1, 3-20 Ja-F '61.

Roads of the romanticists. L. Shvetsova. Moskva 4 no. 3:187-190 '60.

Seven manuscript books of the 16th to the 18th century from the collection of the M. I. Kalinin Pedagogic Institute in Kalinin I. F. Golubev Trudy ODRL 17 605-607 '61

Severe criticism of the dissension among the princes made by Serapion of Vladimir in his teachings. V. A. Kolobanov. Trudy ODRL 17:329-333 '61.

Soldiers march to the test. S. Babenysheva. Novyi mir 36 no. 4:224-231 Ap '61.

"Story about a certain French nobleman named Alexandre." G. N. Moiseeva. Trudy ODRL 17:290-320 '61

Studying the "Life of Alexander Nevsky" IU K Begunov Trudy ODRL 17 318-357 '61

The unsound revelations of Mr. Gibian. A. Makarov. Inostr. lit. no. 5:216-221 My '61.

V. I Lenin on populism and problems of the history of Russian literature [with summary in English] N I Sokolov Vest LGU 16 no 8 79-91 '61

"What is contemporaneity?" Reviewed by A. Amsterdam. Zvezda no. 3:215 Mr '61.

"Young Leningrad", an almanac Reviewed by M Mikhailova Zvezda no 4 211 Ap '61

RUSSIAN LITERATURE—STUDY AND TEACHING

Academic meetings of the Old Russian Literature Study Group of the A M Gor'kii Institute of World Literature of the Academy of Sciences of the U S S R during 1959 Trudy ODRL 17 683-684 '61

Academic meetings of the Section of Ancient Russian Literature of the Institute of Russian Literature (Pushkin House) of the Academy of Sciences of the U S S R during 1959 Trudy ODRL 17 681-682 '61

Useful experience ("Practical methods of teaching Russian language and literature" Reviewed by L Tsaranskoi). Nar. obr. no 1:80-83 Ja '61

RUSSIAN LITERATURE—PERIODICALS

The Ukraine in Russian progressive journals of the 1870's and 1880's. O. O. Billavs'ka. Rad. lit. 5 no. 3 116-121 My-Je '61.

"Zvezda" during 1960. Lenina Ivanova Oktiabr' 38 no 5 210-215 My '61

RUSSIAN LITERATURE—TRANSLATIONS FROM FOREIGN LITERATURE

B. A. Kizhevskii as a translator. A. V. Fedorov Uch. zap I GU no 299, 249-257 '61

RUSSIAN LITERATURE—TRANSLATIONS INTO AFGHAN

Translations of Russian and Soviet literature in Afghanistan. G P Girs Krat soob. Inst vost. no 37, 53-59 '60.

RUSSIAN LITERATURE—TRANSLATIONS INTO AZERBAIJANI

Works of A. M. Gor'kii translated into Azerbaijani [in Azerbaijani with summary in Russian]. A. Almanadov. Trudy API 7 120-126 '59.

RUSSIAN LITERATURE—TRANSLATIONS INTO FOREIGN LANGUAGES

In all languages Inostr. lit no 4 269-270 Ap '61.

In all languages. Inostr. lit. no. 5:265-266 My '61.

RUSSIAN NEWSPAPERS
(see also subdivision under Tatar A. S. S. R.)

"Iskra," a newspaper edited by V I Lenin, and the intensification of the revolutionary movement in the Ukraine" by S O Ktytariev. Reviewed by P. I Denysenko Ukr ist zhur. 1 no 2 167-169 Mr-Ap '60.

Newspaper of the virgin lands written by Communist Youth League members. V. Osipov. Sov. pech. no. 6 25-29 Je '61.

Serious errors of the "Sevornaia Pravda" newspaper. E. Potrov. Sov. pech. no. 6 4-6 Je '61.

We should lend assistance to rural party organizations. Part. zhizn' no 12:72-74 Je '61.

RUSSIAN NEWSPAPERS—BIBLIOGRAPHY see Bibliography—Russian newspapers

RUSSIAN NEWSPAPERS—INDEXES

[Chronicle of newspaper articles.] Let. gazet. st. Index '61.

[Chronicle of newspaper articles] Let gazet. st. nos 4-5 '61

RUSSIAN NEWSPAPERS—STATISTICS

The figures on the Soviet press. V. Samuilov Raspr. pech. no. 4:11 Ap '61.

RUSSIAN PERIODICALS
(see also subdivision under Moldavia)

From the "Spark" a flame was kindled. V. Radus-Zen'kovich. Raspr. pech. no. 1:20 Ja '61.

Good luck! I. TSvetkov. V mire knig 1 no. 1:1-2 Ja '61.

How the periodical "Otechestvennye zapiski" tried to create affirmative types in the Russian literature of the late 1860's and the early 1870's. A. G. Belotserkovskii. Uch. zap. Lip. gos. ped. inst. 2:59-76 '58.

The magazine "Oktiabr'" during 1961. P. Karelin Raspr. pech. no. 4:23-24 Ap '61.

The magazine "Vokrug sveta" is one hundred years old. N. Vaks. Raspr. pech. no. 3:21-22 Mr '61.

Magazines and their editors. A. Iordanskii, V. Isaev. Sov. pech. no. 6:40-41 Je '61.

Sovremennik', N. L. Stepanov. V mire knig 1 no. 4 37-38 Ap '61.

The struggle of the poets of the journal "Iskra" against colonialism, in honor of the 100th anniversary of the founding of the journal. 1859 A. V. Kokorev Vest Mosk un Ser 7, Filol , zhur 15 no. 2:28-36 Mr-Ap '60.

RUSSIAN PERIODICALS—BIBLIOGRAPHY see Bibliography—Russian periodicals

RUSSIAN PERIODICALS—INDEXES

[Chronicle of periodical articles] Let. zhur. st. nos. 24-26 '61

[Krasnyi Arkhiv, an historical journal, 1922-1941. An annotated index of its contents] Krasnyi Arkhiv, istoricheskii zhurnal, 1922-1941, Annotirovannyi ukazatel' soderzhaniia. Sost. R IA Zverev. Pod red. V. V. Maksakova. Moskva, Izd-vo Vsesoiuznoi knizhnoi palaty, 1960. 250 p.

RUSSIAN PERIODICALS—STATISTICS

The figures on the Soviet press V Samuilov Raspi pech no 1 11 Ap '61

RUSSIAN PLATFORM—DOMES (GEOLOGY)

Structure and formation of domes in the Russian Platform. A.I.Slushenko. Izv AN SSSR Ser.geol 26 no 4 44-58 Ap '61

RUSSIAN PLATFORM—FISHES, FOSSIL

Rare earths in the remains of Paleozoic fishes of the Russian Platform [with summary in English]. A. M Bloth. Geokhimiia no 5 390-100 '61.

RUSSIAN PLATFORM—FORAMINIFERA, FOSSIL

Variation of foraminifer complexes in the periodical accumulation of sediments of Miocene deposits in the southwest of the Russian Platform. V. A. Krasheninnikov. Vop. mikropaleont. no. 4 33-70 '60.

RUSSIAN PLATFORM—GAS, NATURAL—GEOLOGY

Basic geological characteristics, and oil and gas potentials of the central part of the Russian Platform. S K Nechitailo, P. G. Suvorov, P S Khokhlov. Trudy VNIGNI no 10 142-157 '58

RUSSIAN PLATFORM—GEOLOGY, STRATIGRAPHIC

Carboniferous sediments. S V. Semikhatova, L. M. Elina. Trudy VNIGNI no. 10 41-51 '58

Devonian sediments. M. F. Filippova Trudy VNIGNI no 10 30-10 '58

Jurassic sediments. N. T. Sazanova. Trudy VNIGNI no 10-08-65 '58.

Lower Cretaceous sediments I. G Sazonova Trudy VNIGNI no. 10 86-99 '58.

Permian sediments. T. V. Makarova, N. A. Gorshtein. Trudy VNIGNI no. 10:52-59 '50.

Possibility of correlating lower and middle Frasnian sediments in the Russian and North American Platforms A I Liashenko, S V Tikhomirov Izv vys ucheb zav, geol. i raz v 3 no 12 3-7 D '60.

Pre-Devonian sediments. Z. P. Ivanova. Trudy VNIGNI no. 10 23-29 '58.

Tectonics of the Russian Platform in the Berdyansk-Yegaysk region, based on geophysical research data. H. IE. Kharechko. Geol zhur. 20 no 1:73-81 '60.

Triassic sediments. D. L. Flukht, I. G. Sazonova. Trudy VNIGNI no. 10.60-67 '58.

Upper Cretaceous sediments. O. V. Flerova, A. D. Gurova. Trudy VNIGNI no. 10 100-106 '58.

RUSSIAN PLATFORM—GEOLOGY, STRUCTURAL

Belt of huge faults within the platform through the southern part of European Russia and Central Asia [with summary in English] N HU. Uspenskaia. Sov. geol. 4 no. 3:88-96 Mr '61.

Some new data on Karpinskii's "initial ridge" belt. M. N. Smirnova, I. V. Kidalov. Trudy GNI no. 21 64-71 '59

RUSSIAN PLATFORM—OOLITE

Clay oolites in old sedimentary formations of the Russian Platform. L. H Tkachuk, D. V. Hurzhii, V. I. Kollun. Geol. zhur. 20 no. 2:84-89 '60.

RUSSIAN PLATFORM—OSTRACODA, FOSSIL

Ostracoda on the lower Triassic [with summary in English]. Z. D. Belousova. Biul. MOIP, Otd. geol. 36 no. 1: 127-147 Ja-F '61.

RUSSIAN PLATFORM—PALEOGEOGRAPHY

Devonian paleogeography in the southwestern Russian Platform A. V. Khizhniakov. Trudy VNIGNI no. 10 169-180 '56.

RUSSIAN PLATFORM—PETROLEUM GEOLOGY

Basic geological characteristics, and oil and gas potentials of the central parts of the Russian Platform. S. K. Nechitailo, P. G. Suvorov, P. S. Khokhlov Trudy VNIGNI no. 10:142-157 '58.

RUSSIAN PLATFORM—ROCKS, CRYSTALLINE AND METAMORPHIC

Crystalline basement and Pre-Cambrian formations. A. I. Pedashenko, M M. Veselovskaia. Trudy VNIGNI no. 10 11-22 '58.

RUSSIAN POETRY—HISTORY AND CRITICISM

The fruits of learning ("Humor and satire in Soviet poetry" by A. Galiavin. Reviewed by A. Lipelis). Novyi mir 37 no 5:255-258 My '61.

Ilarion, Metropolitan of Winnipeg and All Canada [The lay of the host of Igor] Slovo pro Ihoriv pokhid. Winnipeg, 1949. (Vydavnytstvo "Nasha kul'tura," pt 11)

Old South Great Russian parallels to the vocabulary of "The lay of the host of Igor" S I Kotkov Trudy ODRI 17 65-71 '61

On the times and on oneself; some features of the contemporary epic. P. Vykhodtsev. Zvezda no. 3:185-193 Mr '61.

Songs of freedom ("Free Russian verse of the second half of the 19th century" Reviewed by I' Popova) Neva no 1 196-197 '61

"Svintoslav's bed made of yew wood", commentary on "The lay of the host of Igor" B V. Sapunov Trudy ODRI 17 323-326 '61

Two unknown works of epistolary verse from the first half of the century I I' Golubev Trudy ODRL 17 391-413 '61

"Verse on the defense of Chigirin from the Turks" M D Kagan Trudy ODRL 17 135-141 '61

Vseslav of Polotsk in "The lay of the host of Igor" B V Sapunov Trudy ODRL 17 75-84 '61

What is the geographical location of the Putivl which was referred to in "The lay of the host of Igor" N V Shurleman' Trudy ODRL 17 327-326 '61

RUSSIAN POETRY—TRANSLATIONS INTO GERMAN

Russian and Soviet poetry translated into German ("Poetry recreated" [in German] by Maximilian Schick Reviewed by Lev Kopelev) Inostr lit. no. 4 268 Ap '61.

RUSSIAN SATELLITES see Communist Countries

RUSSIAN SOCIAL DEMOCRATIC PARTY

(see also subdivision under Georgia, Kharkov, Leningrad; Ukraine)

Bolsheviks in the Third Duma. B. S I'Sertin. Trudy MINKHiGP no 30 94-116 '59.

New materials on V. I Lenin's work "Who are 'friends of the people' and how they struggle against the social democrats" G S Zhukov Ist SSSR 5 no 3 125-131 My-Ap '61.

RUSSIAN SOCIAL DEMOCRATIC PARTY—CONGRESSES

The congress that defined bolshevik strategy and tactics during the revolution. Komm. Bel. 34 no. 4 76-77 Ap '60.

A congress which showed the ways of the transition from capitalism to socialism. L. Valakhovich. Nar. asv. no. 3:53-60 Mr '61.

RUSSIAN STUDIES see subdivision under France, India

RUSSIANS IN FOREIGN COUNTRIES

"Together we breath with Russia." L. Aleksandrov. Moskva 4 no. 3:218-219 '60.

RUSSO-FRENCH ALLIANCE see Franco-Russian Alliance

RUSSO-JAPANESE WAR, 1904-1905

Development of the monopolist phase of Japanese capitalism and the nature of the Russo-Japanese War of 1904-1905 I. IA. Bedniak Uch zap. Inst. vost. 23 129-179 '59

RUSTAVI—JOURNALISM

New city, new subjects. G. Gelashvili. Sov. pech. no. 5: 19-20 My '61.

RUSTS (FUNGI) see subdivision under Azerbaijan

RUTHENIA see Transcarpathia

RUTHENIUM

Extraction of ruthenium and certain other fission products with tri-ni-octylamine from nitric acid solutions. V. B. Shevchenko, V. S. Shmidt. Radiokhimiia 3 no. 2: 121-128 '61.

RUTHENIUM—ANALYSIS

Polarographic and amperometric determination of ruthenium [with summary in English]. N. K. Pshenitsyn, N. A. Ezerskaia. Zhur. anal. khim. 16 no. 2:198-200 Mr-Ap '61.

RUTHENIUM COMPOUNDS

Determination of the charge of polynuclear, complex ruthenium ions by means of ion exchange. A. A Grinberg, A. M. Trofimov, I. N. Stepanova Radiokhimiia 2 no. 1:78-82 '60

RUTHENIUM NITRATE

Effect of temperature on the extraction of uranyl, plutonyl, ruthenium, and zirconium nitrate with tributyl phosphate. V. B. Shevchenko, I. A Fedorov. Radiokhimiia 2 no. 1:6-12 '60.

RUTIN

Volumetric method for the quantitative determination of rutin (quercetin rhamnoside). P. P. Suprun. Med. prom. 15 no. 3.46-48 Mr '61.

RYAZAN GOVERNMENT—LAND TENURE

Tikhomirova, I. S. [Materials concerning Ryazan Government in the manuscripts of K. Marx and in V. I. Lenin's work "The development of capitalism in Russia"] Materialy o Riazanskoi gubernii v rukopisiakh K. Marksa i v proizvedenii V. I. Lenina "Razvitie kapitalizma v Rossii." [Riazan'] Riazanskoe knizhnoe izd-vo, 1960. 61 p.

RYAZAN PROVINCE—COLLECTIVE FARMS

Dianov, M. I. [We'll fulfill the tasks of the seven-year plan ahead of time] Zadanie semiletki vypolnim dosrochno Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 27 p. (Chemu uchit primer truzhenikov Riazanskoi oblasti)

(DA)

RYAZAN PROVINCE—HISTORY

New publications of the State Publishing House for Pedagogical Literature ("Studying the history of the province in secondary schools" by N P Milonov Book review) Prep. ist v shkole 16 no 4 118 My-Je '61

RYAZAN PROVINCE—INSURANCE, SOCIAL

Attention to people is of the greatest importance Sots obesp 22 no 5 19-20 My '61

RYAZAN PROVINCE—PRINTING INDUSTRY

Printers in Ryazan' V I Vasil'ev. Poligr proizv no. 1 20-21 Ap '61.

RYDANE, CZECHOSLOVAKIA—COLLECTIVE FARMS

Beacons of a new life V Kliachkova Uzbekistan 10 no 4 22-23 Ap '60

RYBINSK RESERVOIR—FISHES—FOOD

Food relationships of the young of fishes in Rybinsk Reservoir M A Chvankina. Vop ikht. 1 no 1 107-118 '61

RYE

Effect of the oxidation-reduction properties of solutions absorbed by seeds on the vernalization rate and branching of ears [with summary in English] I' IA Mekhanik Fiziol rast 8 no 3, 330-337 '61.

RYL'KE, STANISLAV DANILOVICH, 1843-1899

Selikhanovich, V. G. [Stanislav Danilovich Ryl'ke; military geodesist and astronomer] Stanislav Danilovich ryl'ke; voennyi geodezist i astronom. Moskva, Izd-vo geodez. lit-ry, 1961. 78 p.

RYL'S'KYI, MAKSYM, 1895-

New works on M. Ryl's'kyi. S. A. Kryzhanivs'kyi. Rad. lit. 5 no. 3:128-132 My-Je '61.

RZHIGA, VIACHESLAV FEDOROVICH, 1883-1960

V F Rzhiga, an obituary N K Gudzii Trudy ODRL 17 685-692 '61

SADOF'EV, IL'IA IVANOVICH, 1889-

With the pass of "Pravda" .. ("Selected works" by Il'ia Sadof'ev. Reviewed by IAk Nazarenko) Oktiabr' 36 no. 5 221 My '61

SADYKOV, SAODAT SADYKOVICH, 1910-

Saodat Sadykovich Sadykov. L. I. Gurovich. Uzb. biol. zhur. no. 2:58-59 '61.

ŠAFAŘÍK, PAVEL JOSEF, 1795-1861

An unknown letter written by P. J. Šafařík to M. A. Maksimovich. V. M Skrypka. Rad. lit. 5 no. 3:121-122 My-Je '61.

SAFETY BELTS see subdivision under Czechoslovakia

SAFETY EDUCATION see subdivision under Moscow, Vologda Province

SAGAL, DANIIL

Creative account. I. Romanecva. Teatr 22 no. 5:150-151 My '61.

SAGEBRUSH

Preliminary data on the composition of the essential oil from Artemisia Lagocephala Fisch. N V. Belova. Zhur. prikl. khim. 34 no. 3.707-709 Mr '61.

SAHARA—DESERT FAUNA

Is Sahara a desert? Michel Rouze. V zashch. mira no 5 75-79 My '61.

SAHARA—DESERT FLORA

Is Sahara a desert? Michel Rouze V zashch mira no 5 75-79 My '61

SAHARA—GAS, NATURAL

Hassi er Ermel gas field in Sahara. R. E. Leshchiner. Gaz. prom. 6 no. 5 54 My '61.

SAHARA—POLITICS AND GOVERNMENT

Dangers of neocolonialism Pierre Cot. V zashch. mira no 5 4-7 My '61

SAHA see subdivision under Olinyanyy Island

SAILORS (NAVY) see subdivision under Sovetskiy (Gavan')

SAINT DENIS, FRANCE DESCRIPTION
A city which extended its navigation to N. I. Brandches Pierre Bondrée. Inostr lit no 1 '59 Mr '60

SAINT EXUPERY, ANTOINE DE, 1900-1944
Gore at the stars ("The little prince"), a tale by Antoine Exupery. Re-told by V. Lifshitz. Illustrations by the author. Moskva, Det lit, 1961. 72 p. 30 k

SAINT SIMON, CLAUDE HENRI, COMTE DE, 1760-1825
Akademik mark SSSR. [A compendium of Saint Simon's teachings. Translated from the French.] Uchenik tsentaura Saint Simona. Moskva, 1961. 96 p.

Volgin, V. P. [Saint Simon and Saint Simonism] Sen Simon i ego ucheniye. Moskva, Izd vo Akad. nauk SSSR, 1961. 164 p.

SAINT SIMONIANISM
Volgin, V. P. [Saint Simon and Saint Simonism] Sen Simon i ego ucheniye. Moskva, Izd vo Akad. nauk SSSR, 1961. 164 p.

SAKHALIN COASTS
Some structural and dynamic features of the sea coasts of Sakhalin. V. Medvedev. Trud. Okh. ob. kom. 8:65-81 '61

SAKHALIN NATURAL RESOURCES
Article [on map] helpful in study [of] Sakhalin, Kuril Islands [and] Far East. Priroda no 11:98 N '61.

SAKHALIN PROVINCE see Sakhalin

SALAGANI VALLEY ANIMALS
Arthropoda of the valley [of river] Salagani in the lower Kuban Region. [Part of the southern slope and region of Caspian Sea.] Entomol. obozr. 39:401-403 '60

SALARS
Cool-smoked salmon [Pacific salmon]. Rybovodstvo no 4:54 Ap '60

SALESMEN AND SALESMANSHIP
Progressive workers of the seven-year plan. V. Kuz'minskiy. Sov. potrebkoop. 8 no. 1:30 Ap '60.

The salesman comes to the customer. M. Samoilov. Sov. potrebkoop. 8 no. 1:30 Ap '60.

SALICYLAMID
Synthesis and local anesthetic activity of salicylamide and its derivatives [with summary in English]. A. S. Rabinovich and others. Antibiotiki 5 no. 10:1161-1164 '60

SALICYLIC ACID
Study of the influence of the nature of the solubilizer on its dissolving action. Dissolving action of the sodium salts of benzoic, orthooxybenzoic, and paraaminosalicylic acids. V. P. Nesterkov, L. V. Bakumenko. Farmatsev. zhur. 15 no. 1:29-32 '60.

SALINE AND ALKALI SOILS see subdivision under Dalaskiy Valley; Kura-Aran Lowland; Shirvan

SALINE WATERS
(see also subdivision under Lazarev Shelf Ice)
Some relationships between the distribution and formation of underground brines in the U.S.S.R. I. K. Zaitsev. Dokl. Vsesoiuz. GEO no. 1:124-130 '60.

SALINITY
Effect of water of various salinity on the survival of the young of roach, carp, and bream. N. S. Gradinova. Dokl. Akad. sel'skokh. 1:30 no. 7:39-40 My '61

SALIVA
Changes in the quantity and viscosity of saliva in connection with food reflexes. D. N. Vorontsova. Fiziol. zhur. 47 no. 5:650 My '61

SALIVARY CALCULI see Calculi, Salivary

SALIVARY GLANDS
"Human salivary glands (anatomy, physiology, and clinical pathology)" [in German] by S. Hajek. Reviewed by G. I. Lukomskii. Vest. otorin. 22 no. 1:111 Ja-F '60.

Influence of parasympathetic denervation of protein metabolism of the submaxillary salivary glands in the cat [with summary in English]. G. V. Khomyakova. Biul. eksp. biol. i med. 50 no. 10:82-84 O '60.

SALIVARY GLANDS--TUMORS
Cytological diagnosis of the so-called mixed salivary gland tumors. N. I. Nikitina. Vop. onk. 7 no. 2:14-18 '61

SALMON see subdivision under Agul River; Alaska; Amur Valley; Baronts Sea, Soviet Far East; Volga River; White Sea

SALMONELLA
Comparative evaluation of the determination of enteric-typhoid bacterial sensitivity to antibiotics of the tetracycline series by means of serial dilutions and phage-contrast bacterioscopy [with summary in English]. Z. V. Ermol'eva, A. G. Khvoles. Antibiotiki 5 no. 4:274-278 My-Ap '60.

Cultivation of salmonella bacteriophage on a solid nutrient medium. I. B. Dzhelaukhova. Trudy Inst. epid. mikrobiol. i gigiyeny AMN SSSR 26:91-96 '60

Increase of antibiotic activity of penicillin G in the cultivation of phage-producing strains of salmonella on solid media [with summary in English]. I. B. Dzhelaukhova. Antibiotiki 5 no. 4:279-282 Ap '60

Peculiarities in the under-cultivation of bacteria of the paratyphoid group. V. M. Bezrukov, V. N. Pigulevskiy, Yu. A. Zelenskiy, and N. M. [illegible] '61.

SALMONELLA PARATYPHI
Biochemical activity of [cells of] paratyphoid B [bacteria] under the influence of antibiotics [with summary in English]. [illegible] Antibiotiki 6 no. 10:[illegible] O '61

SALSOLA see subdivision under Uzbekistan

SALT
Calculating the internal field in ferromagnetic salts. A. A. Bondarenko. Fiz. tver. tela 3 no. 3:804-810 Mr '61

The diffusion coefficient of chlorine [ion] in [illegible] [with summary in English]. [illegible] Dokl. AN SSSR 136 no. 1:[illegible] Ja '61

SALT TRANSPORTATION see subdivision under Morocco

SALT DEPOSITS
(see also subdivision under Kalinovka Region)
Depth of filling of the lower part of the [illegible] basin by the products of [illegible] [with summary in English]. A. F. Lavrushin. Geol. i geofiz. no. 8:[illegible] '61

Some characteristics of the development of salt tectonics. V. Kosygin. Dokl. AN SSSR 136 no. 1:[illegible] Ja '61

SALT LAKES
Possibility of obtaining electrophoretically homogeneous serum proteins from human peritoneal fluid [with summary in English]. A. A. Volynskii, L. P. Lebedeva. Biokhimiia 25 no. 2:[illegible] Mr-Ap '60

SALTS see subdivision under Karachay-Cherkess, Lake, Location, Siberia, Western

SALTYKOV, MIKHAIL IVOVICH, 1820-1889
Chief scientific and political problems decided in "Pompadour" [illegible], [reviewed by] M. I. [illegible]. N. A. Kamyshev. Priroda no. 1:[illegible] '60

Exposition of the moral-ethical principles in M. E. Saltykov-Shchedrin's works. V. N. Gubar'. Ocherk. Biul. prosvesh. no. 1:[illegible] '60

Critical [illegible] Shchedrin. G. A. Gorbunov. Review [illegible] by V. Komissarov. Nov. i sovr. no. 1:[illegible] Ja '61

SALTYKOVA, V.
Opposing incompatibility [cattle]. [Author's] V. Saltykova. Sel'. stroi. no. 5:27 My '61

SALVAGE (WASTE, ETC.)
Mechanical fiber catcher. G. N. [illegible]. Tekst. prom. 20 no. 7:82-83 Jl '60

Preparation of dust and gases of waste H. N. [illegible] and others. Tsement 27 no. 3:12 My-Je '61

Use of by-product coke plant gas to control [illegible] production of metals and alloys containing [illegible] and [illegible]. Stal no. 12:1116 D '60

SALVIA see Ointments

SAMARA BEND OIL FIELD PICKERING
Oil recovery from the B layer in the Pokrovo-Arkadakovo and Abdulovo-Orenburg fields. M. M. Sadchikov. Neft. khoz. no. 4:10-14 Ap '60

SAMARKAND AIR REFLECTOR CONSERVATION AND REGULATION
Reclamation of monument. A. [illegible], P. Petrikeev. Iz. no. 1:[illegible] Ja '60.

SAMARKAND MACHINE BY INDUSTRY
Yesterday, today, tomorrow. A. Mukhamedov. Mol. kolkh. no. 10:11, 14 Ap '60

SAMARKAND POTTERY
Golden hands. P. Vladimirov. Dekorativ. iskusstvo no. 1:28-29 '59

SAMARKAND PROVINCE ALFALFA IRRIGATED AND PESTS
Analysis of the effect of diurnal moisture in the control of alfalfa pests in Samarkand Province. G. K. Dulov-skii. Trudy Uzbil no. 87:249-268 '58.

SAMARKAND PROVINCE CORN (MAIZE) INSECTS AND PESTS
Corn pests in Samarkand Province. E. A. Popova. Trudy Uzbil no. 87:109-141 '58.

SAMARKAND PROVINCE LEAF BEES
Materials on the biology of the glassy-feet leaf-bee *Pithitis plumipes* (spinifex field). M. M. Dzhamal. Trudy Uzbil no. 87:181-188 '59.

SAMARKAND PROVINCE [illegible]
[illegible] Bulletin [illegible] Uzbekistan [illegible]

SAND
[illegible] Uzbekistan [illegible]

SAND DUNES
[illegible] Uzbekistan [illegible]

SAND FIXATION
[illegible] Uzbekistan [illegible]

SAND FLORA
Plant [illegible] Uzbekistan [illegible]

SANDFLIES ARMENIA
[illegible] Armenia [illegible]

SANDVIK MOUNTAINS [illegible]
[illegible] Sandvik [illegible] Expedition [illegible] V. A. Vasilenko [illegible] Priroda no. 4:113 Ap '61

SANITATION
Improvement of the working and living conditions [illegible] Uzbekistan [illegible]

SANITATION, RURAL (FIELD)
[illegible] Uzbekistan [illegible]

SANTA MARIA (SHIP)
The odyssey of the "Santa Maria" [illegible]. Inostr. lit. no. 5:244-250 My '61.

SAO THOME (ISLAND) WEST AFRICA
São Thomé, island of death. I. Romanes. Nov. vrem. 19 no. 21:31 My '61.

SAPHENOUS VEIN
Plasticity of the blood vessels of the pelvic extremities in dogs in experimental disorder of efferent blood flow [with summary in English] A G Fedorova Arkh anat gist i embr 38 no 3 84-89 Mr '60.

SAPONINS
Foaming agent from a plant of Central Asia P. S. Abramova. Bet. i zhel -bet. no 3 112 Mr '61

SAPROPHYTISM
Some data on the competitive relationship between phytoplankton and saprophytic micro-organisms in a contaminated body of water. K A Kokin Nauch dokl vys shkoly, biol. nauki no 2:139-144 '61

SARATOV—COMMUNITY CENTERS
Palace of art, science, and work. A. Mikhailov. Nar obr. no.5 39-40 My '61.

SARATOV—HISTORICAL RESEARCH
Historical research at the Department of the History of the U.S.S.R. of Saratov University Ist SSSR 5 no. 3, 230-233 My-Je '61.

SARATOV—HYDROLYSIS
Automatic control of the operation of air turboblowers, E. P. Panfushkin. Gidrolliz. i lesokhim. prom. 14 no. 4:25 '61.

SARATOV—PROSTHESIS
We serve two provinces. I Ilrin. Sots obesp. 22 no 5 50-51 My '61.

SARATOV—TELEVISION PROGRAMS
Television program guide or movie magazine? N. Tarasov. Sov. radio i tel. 8 no. 4 8 '59

SARATOV GOVERNMENT—PEASANT UPRISINGS
The peasant movement of the 1890's in the Saratov Government I Rabikov Uch zap SGU 66:54-81 '58

SARATOV HYDROELECTRIC POWER STATION
New resolutions. A. A. Borovoi. Nauka i zhizn' 27 no. 4: 8-10 Ap '60.
Saratov Hydroelectric Power Station. Nauka i zhizn' 27 no 4 16 Ap '60

SARATOV PROVINCE—POULTRY
Achievements of Saratov poultry breeders. I. German. Kommun. zhizn' no. 17:15-18 S '60.

SARKAND DISTRICT—COLLECTIVE FARMS—FINANCE
Procedure for calculating shares in intercollective farm production organizations. M. Li. Nar. khoz. Kazakh. 19 no. 5:37-38 My '61.

SARMATIANS
Sarmatian burial grounds in the Molochnaya Valley. M. I. Vaz'mitina. Arkheol. pam. URSR 8:17-21 '60.

SATAN see Devil

SATIRE
Fire fighting is the topic. Iu. Nazarov. Pozh. delo 7 no 5 7-8 My '61.
Four works of folk satire. V. G Smolitskii, T. A Turgeneva Trudy ODRL 17 509-511 '61.
The fruits of learning ("Humor and satire in Soviet poetry" by A. Gallavin. Reviewed by A. Lipelis). Novyi mir 37 no. 5 256-258 My '61.
Roads of Soviet satire ("Soviet satiric prose of the 1920's" by L. F. Ershov. Reviewed by E Litvin) Neva no. 4 198-199 '61
Satire is a means of communist education. S. Mikhalkov. Kommunist 38 no. 9:77-85 Je '61.

SATO, EKKO, 1951-
Ekko is studying in Moscow. K. Samoilo. Sov. muz. 25 no 5.44-48 My '61.

SAUREL see subdivision under Black Sea

SAVINGS BANKS see subdivision under Tyumen' Province

SAWS
Basic principles of the design of cutting blades. S A Voskresenskii. Izv. vys ucheb zav., les zhur. 3 no 1-99-104 '60
Experiment in finish sawing in the Kremenchug Woodworking Combine. A. L. Zhogolev. Der. prom. 10 no. 5.21-23 My '61.

SAYAN MOUNTAINS—GEOLOGY
Analysis of Paleozoic geological formations in the eastern Altai-Sayan area and their tectonic features [with summary in English]. L. P. Zonenshain, G. A. Kudriavtsev, A. A. Mossakovskii. Geol. i geofiz. no. 12, 13-23 '60.

SAYAN MOUNTAINS—GEOLOGY, STRATIGRAPHIC
Basic stratigraphic features of the eastern section of the Eastern Sayan Mountains. A. L. Dodin, V. K. Man'kovskii. Sov. geol. 4 no. 4:99-113 Ap '61.

SAYAN MOUNTAINS—GEOLOGY, STRUCTURAL
Characteristics of the tectonic development of the Western Sayan Mountains [with summary in English]. L. P. Zonenshain. Geol. i geofiz. no. 4:22-35 '61.

SAYAN MOUNTAINS—ROCKS
Relation of thallium to rubidium, cesium, and potassium in metamorphic rocks, granites, and rare-metal pegmatites of the Sayans. Iu. S. Slepnev Geokhimiia no. 4 359-361 '61

SAYAN MOUNTAINS—ROCKS, IGNEOUS
Lysan gabbro-pyroxene-serpentinite complex in the western part of the Eastern Sayan Mountains [with summary in English]. O M Glazunov Geol i geofiz. no 3 61-74 '61.

SCAFFOLDING
Convenient scaffolding. Sel'. stroi. 15 no. 2:28 F '61.
My suggestions A Pivanov Stroitel' no 4 25, 1 of cover Ap '61.

SCALES (FISHES)
Differences in scale characteristics of Oncorhynchus keta (Walb.) of the Far East and Alaska. D A Bevan Vop. ikht 1 no 1 29-38 '61.
Formation of the first annual ring on scales and the time of sexual maturation in the Caspian herring Clupeonella engrauliformis (Borodin) B. I Prikhod'ko Vop ikht 1 no 1 59-68 '61.
The Lee phenomenon. V. L. Briuzgin. Vop. ikht. no. 17: 140-149 '61.
Scale deformations in the goldfish Carassius auratus L. A I Gorlunova Vop. ikht. 1 no 1:52-58 '61.

SCALES (WEIGHING INSTRUMENTS)
Automatic crane scales for operational accounting L. Mileikovskii Itech transp 19 no 2 12-14 F '60
Automatic weighing of raw materials for tanning extracts. A. I. IAkadin. Kozh.-obuv. prom. 3 no. 4.31-33 Ap '61.
Modernization of the DS-000 scales. R. B. Maslukov. Izm. tekh. no. 6 13 Je '61.
Scales IUn. tekh. 5 no. 1:77 Ja '61.
Use of a rider in weighing on analytical scales. S. A. Vodolazhchenko. Lab. delo 7 no. 5:60-61 My '61.

SCALES (WEIGHING INSTRUMENTS)—TESTING
Checking conveyer-type scales. Izm. tekh. no. 6:57-58 Je '61.
Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 49-57 for checking movable unequal-arm scales] Instruktsiia 49-57 po poverke neravnoplechikh peredvizhnykh vesov. Izd. ofitsial'noe. Moskva, 1957. 15 p.
Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 52-56 for checking standard car scales] Instruktsiia 52-56 po poverke obraztsovykh vagonnykh vesov. Izd. ofitsial'noe. Moskva, 1956. 11 p.
Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 53-56 for checking automatic batching scales for loads up to 5 kg] Instruktsiia 53-56 po poverke avtomaticheskikh portsionnykh vesov dlia nagruzok 5 kg i menee. Izd. ofitsial'noe. Moskva, 1956. 11 p.
Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 54-56 for checking automatic batching scales for a limit weight over 5 kg] Instruktsiia 54-56 po poverke avtomaticheskikh portsionnykh vesov dlia predel'noi nagruzki svyshe 5 kg. Izd. ofitsial'noe. Moskva, 1956. 18 p.
Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 55-54 for checking conveyer scales with a falling rod] Instruktsiia 55-54 po poverke konveiernykh vesov s padaiushchei relkoi. Izd. ofitsial'noe. Moskva, 1957. 20 p.
Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 56-54 for checking semiautomatic dosing scales for skim milk] Instruktsiia 56-54 po poverke polunvtomaticheskikh portsionnykh vesov dlia obezzhirennogo moloka (obrata). Izd. ofitsial'noe. Moskva, 1957. 6 p.

SCALP—DISEASES
X-ray therapy for mycosis of the scalp in 2-3 year-old children. M. F. Prikhod'ko, B. S. Sagatov. Med. zhur. Uzb. no. 11.21-24 N '60.

SCANDINAVIA—PHYSICAL GEOGRAPHY
Glacial and bald mountain relief forms of northern Scandinavia; based on excursion materials obtained during the work period of the International Geographical Congress. N. V. Bashenina Vest Mosk. un Ser 5. Geog 16 no 3.46-52 My-Je '61.

SCANDIUM
"Peculiarities of the geochemistry of scandium and the types of its deposits" by V. V. Shcherbina. Reviewed by V. I. Lebedev. Geokhimiia no. 4:385 '61.

SCARLET FEVER
Significance of some tests for the evaluation of cardiovascular function in children in scarlet fever. K. I. Pysarchyk. Ped., akush. i gin. 22 no. 4:23-26 '60.

SCHICK, MAXIMILIAN, 1881-
Russian and Soviet poetry translated into German ("Poetry recreated" [in German] by Maximilian Schick. Reviewed by Lev Kopelev) Inostr lit no 4 258 Ap '61

SCHILLER, JOHANN CHRISTOPH FRIEDRICH VON, 1759-1805
Characteristics of the style and language of Schiller's drama "Wallenstein's camp" N A Sigal Uch zap LGU no. 299 186-196 '61

SCHISM, ACACIAN, 484-519
"Collectio Avellana" as a historical source; history of relations between East and West at the end of the fifth and the beginning of the sixth century. V. Borovoi. Bog. i rudy no. 1 113-139 '60.

SCHISTS
(see also subdivision under Malka Valley; Oates Coast, Sweden)
Some geological basis for correlating sections in series of crystalline schists [with summary in English]. B M Ronenson. Biul. MOIP. Otd. geol. 36 no. 1 59-75 Ja-F '61.

SCHIZOPHRENIA
Investigations on the vascular component of orientation reflexes in patients with schizophrenia [with summary in English] N. N. Stanishevskaia. Zhur. vys. nerv deiat. 11 no. 1 50-55 Ja-F '61.
Irradiation of respiratory impulses to the vascular system in disorders of nervous activity. K V. Stroikova. Pat. fiziol. i eksp. terap 5 no. 2:63 Mr-Ap '61
Letter to the editor. A. S Tiganov. Zhur. nevr. i psikh. 60 no. 11.1654-1555 '60

SCHIZOSACCHAROMYCES ACIDODEVORAX—PHYSIOLOGICAL EFFECT
Elimination of the decrease in biological acidity in apple juice caused by Schizosaccharomyces acidodevorax [with summary in English]. D. K. Chalenko, T. P. Korsakova. Mikrobiologiia 30 no. 1:152-157 Ja-F '61.

SCHOOL AND COMMUNITY see Community and school

SCHOOL CHILDREN
Changes in muscle tone in school children during work assignments. B. I. Temkin. Gig. i san. 25 no. 7: 99-100 Jl '60.

SCHOOL CHILDREN—FOOD see subdivision under Kemerovo; Pskov

SCHOOL DISCIPLINE
Conditions for the inculcation of stable forms of conduct in first-grade pupils [with summary in English]. N. F. Piokina. Vop. psikhol. 6 no. 3:64-66 My-Je '60.

SCHOOL EXCURSIONS
(see also subdivision under Chita Province, Ukraine)
Excursion to a fur combine. I. V. Gorokhov. Geog. v shkole 24 no. 3 61-63 My-Je '61.
Expedition of students and creation of a museum G. N. Matiushin Prep. ist v shkole 16 no 3 74-77 My-Je '61
From the experience of tourist work. V. V. Mikhailov. Nach. shkola 20 no. 5 76-78 My '61.
With children in the forest. V. I. Rudneva, D. A. Komissarova. Doshk. vosp. 34 no. 5:33-35 My '61.

SCHOOL GARDENS see subdivision under Khabarovsk

SCHOOL HYGIENE
(see also subdivision under Bulgaria)
Conference on problems in school hygiene. G. M. Serbin. Gig. i san. 25 no. 7.103-106 Jl '60.
Number of floors in buildings for preschool-children [with summary in English]. E. T. Smirnova. Gig. i san. 25 no. 7 42-47 Jl '60.
"Preschool hygiene" by S. K. Kunin Reviewed by D S. Bulanovskii. Gig i san 25 no. 3-117-118 Mr '60
Problem of the organization of medical services for students. Kh. L. Vilenkina Sov. zdrav. 20 no 5 38-41 '61

SCHOOL LIBRARIES see subdivision under Togur

SCHOOL LUNCHROOMS, CAFETERIAS, ETC.
(see also subdivision under Taganrog)
School lunchroom. N. Kozlov. Sov. potreb. koop. 5 no. 5:38 My '61.

SCHOOL MANAGEMENT AND ORGANIZATION see subdivision under Tatyshlinskiy District

SCHOOL SUPERVISION
How a teacher's work should be supervised. A. Trofimov. Nar. obr. no. 5:59-60 My '61
Let's improve work and guidance. Nar. obr. no. 5:6-11 My '61.
What are the duties of a methodologist. I. A. Senina. Sred. spets. obr. 8 no. 5:40-41 My '61.

SCHOOL SUPERVISION, ELEMENTARY see subdivision under Tula Province

SCHOOLHOUSES

Analysis of cost estimations in the construction of schools. A. Budilovich. Ikon. stroi. no. 4 21-25 Ap '61.

SCHOOLS—FURNITURE, EQUIPMENT, ETC.

Every technical school should have its laboratory. D.I. Chupunov. Sred. spets. obr. 8 no. 5:2-5 My '61.

New furniture for schools. I. Kozyr'. Ulyan. tekh. 5 no. 5:80 My '61.

New shapes and color of school furniture. B. Volkov. Tekh. mol. 29 no. 4:34-35 Ap '61.

SCIAENIDAE see subdivision under Black Sea

SCIATIC NERVE

Effect of total-body X-irradiation on regeneration of the sciatic nerve in the rabbit (with summary in English). V.S. Vinogradov. Arkh. anat. gist. i embr. 39 no. 11:44-50 N '60.

Method for studying the effect of conduction anesthesia on the sciatic nerve of the frog (with summary in English). A.S. Kucherina. Biul. eksp. biol. i med. 51 no. 1:118-119 Ja '61.

SCIENCE
(see also subdivision under China, Vietnam, North)

Classics of science popularization. E. Likhtenshtein. V mire knig. 1 no. 1:10-11 Ja '61.

Fiction comes true. B. Liapunov. Tekh. mol. 29 no. 4:40 Ap '61.

From foreign journals. Tekh. mol. 29 no. 4:33 Ap '61.

A little bit about many things. Nauka i zhizn' 27 no. 1:70-71 Ap '60.

A little bit about many things. Nauka i zhizn' 28 no. 4:74-76 Ap '61.

A little bit about many things. Znan. sila 36 no. 5:38 My '61.

News around the world. Tekh. mol. 29 no. 5:30-31 '61.

News around the world. Znan. sila 36 no. 2:45-46 F '61.

News around the world. Znan. sila 36 no. 5:37 My '61.

News from five continents. Ulyan. tekh. 5 no. 2:20-21 F '61.

"Roads to the unknown", writers' sketches on science. Reviewed by Gennadii Gor. Zvezda no. 4 210 Ap '61.

Scientists tell their story. E. Nikanorova. V mire knig. 1 no. 1:16 Ja '61.

What is new around the world. Tekh. mol. 29 no. 4:28-29 Ap '61.

SCIENCE—BIBLIOGRAPHY see Bibliography—Science

SCIENCE—CONGRESSES

Seventh Conference of Graduate Students of the Uzbek Academy of Students. M. Faizlev. Izv. AN Uz. SSR no. 7:97-99 '56.

SCIENCE—MISCELLANEA

How? Why? Where? Znan. ta pratsia no. 3:31 Mr '61.

Interesting.... Znan. ta pratsia no. 4:32 Ap '61.

SCIENCE—PHILOSOPHY

"Marxist-Leninist philosophy and natural science" by Kh. M. Fataliev. Priroda 50 no. 6:120 Je '61.

SCIENCE—SOCIAL ASPECTS

Modern science and international relations. L. Fedorov. Mir. ekon. i mezhdunar. otn. no. 6:3-18 Je '61.

SCIENCE AND ART see Art and science

SCIENCE AND STATE

On the other side of the Moon. Theun de Vries. Inostr. lit. no. 4 231-234 Ap '61.

Science and the building of communism. Kommunist 38 no. 9:3-8 Je '61.

SCIENTIFIC APPARATUS AND INSTRUMENTS

Apparatus for studying the decomposition kinetics of "blowing agents." N.A. Gol'dberg, V.G. Golov. Zav. lab. 27 no. 5:612-614 '61.

SCIENTIFIC SOCIETIES

Those who look ahead. I. Radunskaia. Nauka i zhizn' 28 no. 4:27-31 Ap '61.

SCIENTISTS—CORRESPONDENCE, REMINESCENCES, ETC.

Impossible things made possible (to be continued). G.I. Babat. Ulyan. tekh. 5 no. 2:44-47 F '61.

SCINTILLATION COUNTERS

CsI(Tl) Scintillators for recording α particles. L.M. Belinev, A.B. Gil'varg, V.P. Panova. Atom. energ. 10 no. 5:502-503 My '61.

Method of detecting α particles and fission fragments with a scintillation counter in the presence of a strong β- or γ-background. V.K. Voitovetskii, I.L. Korsunskii. Atom. energ. 10 no. 5:505-506 My '61.

Scintillating glasses with an increased light yield for the detection of neutrons. V.K. Voitovetskii, N.S. Tolmacheva. Atom. energ. 10 no. 5:504 My '61.

SCLAREOL

Synthesis based on sclareol. Part 5. Preparation of N,N-dichloroethyl)-15-amino-$\Delta^{8(20),13(14)}$-sclarodiene. D.P. Popa, G.V. Lazur'evskii. Zhur. ob. khim. 31 no. 5:1729-1731 My '61.

SCOPOLAMINE

Comparative evaluation of various scopolamine mixtures used as the principal anesthetic. A.V. Starikkii. Trudy 1-go MMI 3:129-135 '57.

SCORPION FISHES see subdivision under Pacific Ocean

SCOTLAND—RELATIONS (GENERAL) WITH RUSSIA

What we have seen in the Soviet Union (from the "Scottish Horse and Motormen Association Delegation Report on a Visit to the Soviet Union"). Avt. transp. 39 no. 5:10-11 My '61.

SCOWS

Increasing the load capacity of scows by installing overflow pipes. V. Tavrizov. Rech. transp. 20 no. 3:47-48 Mr '61.

SCRAP METALS

Ask, we answer. Komsom. zhizn' no. 15/16:63 Ag '60.

Use of scrap metal in the converter process. O.N. Kostenetskii. Metallurg 6 no. 5:13-15 My '61.

SCRAPERS

Extraction of clay with scrapers. Iu. Bernikovskii. Sel'stroi. 15 no. 3:13 Mr '61.

From the history of building machines. Strol. i dor. mash. 6 no. 2:36 F '61.

SCREENS (MINING)

Planning the kinematic parameters of screens according to the time of free flight. B.I. Kriukov. Izv. vys. ucheb. zav., gor. zhur. no. 2:175-177 '60.

Results of research on screens vibrating in the horizontal plane. F.B. Florinskii and others. Izv. vys. ucheb. zav., gor. zhur. no. 2:167-170 '60.

Theory of resonance screens with inertia vibrators. B.I. Kriukov. Izv. vys. ucheb. zav., gor. zhur. no. 9:157-162 '59.

SCROLLS, DEAD SEA see Dead Sea scrolls

SCROTUM

Morphophysiological changes in certain skin areas of the genital system of a ram as related to age and castration. G.V. Ovsiannikov. Dokl. AN SSSR 138 no. 3:684-685 My '61.

SCULPTURE

What can we gather from bronze and marble? S.M. Orlov. Sov. voin. 41 no. 4:25-27 F '60.

SCULPTURE, RUMANIAN—EXHIBITIONS

Exhibition of contemporary Rumanian sculpture. Z. Zaretskaia, N. Kogniova. Iskusstvo 24 no. 5:42-45 '61.

SCULPTURE, UKRAINIAN

Portrayal of T.H. Shevchenko in Ukrainian folk sculpture. Iu.P. Lashchuk. Nar. tvorch. ta etn. 5 no. 1:36-38 Ja-F '61.

SEA WATER

Mixing of sewage with sea water. N.N. Alfimov. Gig. i san. 25 no. 3:106-108 Mr '60.

SEA WATER—MICROBIOLOGY

Distribution of filiform and cluster-like micro-organisms (Krassilnikoviae) in sea and ocean depths (with summary in English). A.E. Kriss, I.N. Mitskevich. Mikrobiologiia 30 no. 1:110-112 Ja-F '61.

SEA WATER—THERAPEUTIC USE

Use of the sea water preparation OMV in the clinical treatment of progressive myopia, retinitis pigmentosa, and trachomatous pannus (with summary in English). S.P. Skripchenko. Oft. zhur. 15 no. 3:154-159 '60.

SEASHORE

Representation of the elements of shore zone dynamics and morphology on medium- and large-scale maps and charts. N.M. Krivonosova. Trudy Okean. kom. 8:196-200 '61.

SEASHORE BIOLOGY see subdivision under China; Kamchatka; Kurile Islands

SEBASTIAN, GEORG

Foreign guests. Florestan. Sov. muz. 25 no. 6:159-161 Je '61.

SECHENOV, IVAN MIKHAILOVICH, 1829-1905

Problems in the physiology of the perception of musical tones in the scientific legacy of I.M. Sechenov; on the 130th anniversary of I.M. Sechenov's birth. E.M. Baturina. Fiziol. zhur. 48 no. 2:258-260 F '60.

SECONDARY EDUCATION see Education, Secondary

SECONDARY ELECTRON EMISSION

Effect of mechanical stresses on secondary electron emission from beryllium oxide. A.M. Tiutikov. Dokl. AN SSSR 136 no. 5:1064-1065 F '61.

Energy distribution of sputtered and scattered ions in bombardment of tantalum and molybdenum with positive cesium ions (with summary in English). V.I. Veksler. Zhur. eksp. i teor. fiz. 38 no. 2:321-331 '60.

SECONDARY RECOVERY OF OIL

Determining the economic effectiveness of secondary oil recovery methods. P.A. Borisov, I.I. Ryzhenkov. Trudy Inst. geol. i razrabotki ioskop. 2:191-199 '60.

SECRET POLICE

"Studies on the history of the All-Russian Extraordinary Commission" by P.G. Sofinov. Reviewed by I.A. Tiftonov. Ist. SSSR 5 no. 3:167-169 My-Je '61.

SECRETION

Deposition of secretory substances in the metaxylem of hemp (with summary in English). N.O. Sakado. Ukr. bot. zhur. 18 no. 2:52-55 '61.

SECTS
(see also subdivision under Khmel'nitskiy Province, Litin District; Petrozavodsk; Pinsk, White Russia)

Soviet historians study the work of present-day religious sects. Ist. SSSR 5 no. 2:233-245 Mr-Ap '61.

The tragedy of Olia Ryzhkova. Ihor Solumskyi. Voluntarist no. 5:53-55 My '61.

SEDATIVES

Effect of neurotropic substances on the urine secretion of the kidney. L.B. Berlhin. Farm. i tokh. 24 no. 1:118-121 Ja-F '61.

Effect of 2-(p-aminophenyl)-N-(α-methylphenethyl) acetamide (IIM-366) on the central nervous system and its antagonistic relationship with phenamine. I.N. Bakhekov, U Su-zhui [Wu Su-yu]. Farm. i tokh. 24 no. 1:22-30 Ja-F '61.

SEDEL'NIKOV, ALEKSANDR DENISOVICH, d. 1934
BIBLIOGRAPHY see Bibliography—Sudel'nikov, Aleksandr Denisovich, d. 1934

SEDIMENTARY ROCKS see Rocks, Sedimentary

SEDIMENTATION AND DEPOSITION
(see also subdivision under Haapsalu Bay, Indian Ocean, Neva Bay)

Aerial photographic surveying in studying the drift of sandy sediments. V.I. Boldyrev. Trudy Okean. kom. 8:201-205 '61.

Effect of changes in the temperature of water on river bed processes. A. Sereбriakov. Rech. transp. 20 no. 3:35-37 Mr '61.

Hydraulic principle of the filling in of rock fill by suspended sand. S.V. Izbash, P.M. Shtanko, A.I. Ivanov. Gidr. stroi. 31 no. 4:33-39 Ap '61.

Laboratory investigation of measures for the control of sedimentation in sea gates to ports. I.A. Popov. Trudy Okean. kom. 8:118-121 '61.

Method for approximate calculation of the sedimentation rate of gats. A.V. Karaushev, V.I. Abalkunov, I.S. Markus. Trudy Okean. kom. 8:109-113 '61.

Method of preventing the blocking up of maritime and river hydraulic structures with sand and silt. B.A. Shulink. Trudy Okean. kom. 8:192-194 '61.

Simultaneous model studies of the bed load and suspended load. G.S. Bashkirov. Trudy Okean. kom. 8:125-127 '61.

SEDIMENTS (GEOLOGY)
(see also subdivision under Altai Mountain region, Black Sea, Bug Valley; Kara-Bogaz-Gol (Gulf), Proval Bay)

Some features of the distribution of terrigenous minerals in various facies of the present-day alluvium of the Volga River (with summary in English). V.I. Gritchina. Biul. MOIP, Otd. geol. 36 no. 1:99-105 Ja-F '61.

SEED INDUSTRY

Accelerate the construction of seed processing plants. Gudok. Sakh. prom. 35 no. 5:34 My '61.

SEED PRODUCTION

Al'bonskii, A.V. [Tree breeding and seed production] Selektsiia drevesnykh porod i semenovodstvo. Moskva, Goslesbumizdat, 1959. 305 p. (DA)

SEEDS
(see also subdivision under Siberia, Western)

Conference on the irradiation of seeds before sowing. V.M. Patskevich. Atom. energ. 10 no. 5:510-511 My '61.

Reducing the pregermination death of seeds on thermophylic plants at low temperatures (with summary in English). L.A. Nezgovorov, Sh.I. Ibragimov, A.K. Solov'ev. Fiziol. rast. 8 no. 3:361-370 '61.

Sealed book for seed accounting. N.N. Zhivilin. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 6:53-57 Je '61.

SEEDS—ANATOMY
Structural characteristics and comparative anatomic description of the calyxleton epidermis of certain cabbage species and varieties. S. F. Zakharevich. Trudy po prikl. bot., gen. i sel. 32 no. 3 193-213 '59.

SEEDS—DISINFECTION
Medved', L. I. [Worker hygiene in the chemical treating of seeds in agriculture] Gigiena truda pri protravlivanii semian sel'skokhoziaistvennykh kul'tur. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 60 p. (Nauchno-popularnaia meditsinskaia literatura) (DNLM)
Our experience in the disinfection of seeds. G. Bilnov. Tekh. v sel'khoz. 20 no. 4 62 Ap '60.

SEEDTIME see Planting time

SEEPAGE
Effect of a drainage layer below the facing on seepage in an earth dam. N. I. Druzhinin. Izv. VNIIG 63:101-114 '60.
Laboratory investigation of seepage under hydraulic structures. N. A. TSvetkova. Trudy SANIIRI 93:137-141 '58.
Seepage forces. R. R. Chugaev. Izv. VNIIG 63:115-141 '60.
Seepage in the foundation of chute spillways. N. A. TSvetkova. Trudy SANIIRI 93:142-151 '58.
Sprinkler irrigation of cotton and the control of water loss from irrigation canals. P. V. Donskoi. Izv. AN Uz. SSR no. 12, 110-111 '56.

SEIGNETTOELECTRIC SUBSTANCES see Ferroelectric substances

SEISMIC PROSPECTING
(see also subdivision under Azerbaijan; China; Turkmenistan)
Seismogeological regionalization. A. I. Khramov. Geol. nefti i gaza 4 no. 4 22-24 Ap '60.
Three-component seismic observations in boreholes. Report No. 1. Vertical seismic profiling. E. I. Gal'perin, A. V. Prolova. Izv. AN SSSR. Ser. geofiz. no. 6:793-800 Je '61.

SEISMIC PROSPECTING—EQUIPMENT AND SUPPLIES
Mobile SSP-14 seismic station. N. I. Khalevin, A. M. Bun'kov. Geol. i geofiz. no. 12:124-128 '60.

SEISMIC WAVES
Geometrical methods for interpreting isolated hodographs of reflected waves. G. S. Kvlvinov. Uch. zap. TGU no. 35:114-157 '60.
Dip-pair-dip zonality of the velocity of seismic waves within some oil-bearing platform structures in Bashkiria [with summary in English]. F. I. Khat'ianov, A. V. Amirova, Z. S. Ivanova. Sov. geol. 4 no. 3:97-105 Mr '61.
Short-period seismic surface waves. N. K. Bulin, E. F. Savarenskii. Izv. AN SSSR. Ser. geofiz. no. 6:855-863 Je '61.
Using refraction wave hodographs for determining average velocities. G. S. Kvantsov. Geol. i geof. no. 1:109-111 '61.

SEISMOLOGY
(see also subdivision under Caucasus; Soviet Central Asia)
Breath of our planet. E. Savarenskii, S. Fedorov. IUn. tekh. 5 no. 1:50-52 Ja '61.
Establishing seismic microdistricts on the basis of instrumental data. A. G. Nazarov, B. K. Karapetian, S. A. Tiruzian. Dokl. AN Arm. SSR 32 no. 3:149-154 '61.

SEISMOLOGY—OBSERVATORIES see subdivision under Simferopol

SEISMOMETERS
Relay device with a sound signal for preventing tubes from burning out and batteries from running down. V. P. Kuznetsov, G. I. Vaisman. Dokl. AN Azerb. SSR 17 no. 3:227-228 '61.
Theory of the electrodynamic seismograph installed on the ground considering the seismic amplifier input circuit [with summary in English]. M. K. Polshkov. Geol. i geof. no. 1:86-97 '61.
Theory of the electrodynamic seismograph installed on the ground considering the seismic amplifier input circuit [with summary in English]. M. K. Polshkov. Geol. i geofiz. no. 2:97-104 '61.

SEISMOMETRY
(see also subdivision under Arctic regions; Caucasus; Mirnyy Station, Antarctica; Okhotsk, Sea of)
Hodograph of the waves L_1, L_2, L_{2_1}, R_1. N. G. Val'dner. Izv. AN SSSR. Ser. geofiz. no. 6:882-888 Je '61.
Seismic method of detecting and identifying nuclear explosions. I. P. Pasechnik. Izv. AN SSSR. Ser. geofiz. no. 6:835-846 Je '61.
Statistical analysis of errors occurring in the experiments with detector grouping [with summary in English]. F. M. Gol'tsman. Geol. i geofiz. no. 12:86-99 '60.

SELENIUM
(see also subdivision under Kola Peninsula)
Some problems with regard to the geochemistry of selenium and tellurium in copper-nickel ores of the Noril'sk region [with summary in English]. G. G. Zainullin. Geokhimiia no. 3:231-240 '60.
Spectral method for determining the selenium content of geological samples. O. F. Chesnokov, V. S. Sukhanevich. Razved. i okh. nedr 27 no. 4 41-42 Ap '61.

SELENIUM—ELECTRIC PROPERTIES
Electric properties of selenium with a gallium admixture. B. D. Aliev and others. Dokl. AN Azerb. SSR 17 no. 3 191-196 '61.

SELENOCYANATOARGENTATES
Selenocyanate complexes of cation silver. V. M. Golub, V. V. Skopenko. Dokl. AN SSSR 136 no. 3 601-604 My '61.

SELENOPHENE
Chemistry of selenophene. Part 32. β-diketones of the selenophene series. IU. K. IUr'ev, N. N. Mezentsova. Zhur. ob. khim. 31 no. 5 1449-1450 My '61.

SELENOPHOSPHORIC ACID
Diethyl-Se-chloroselenophosphate. Jan Mikhal'skii, Anna Markovskaia. Dokl. AN SSSR 136 no. 1 108-110 Ja '61.

SELF-GOVERNMENT (IN EDUCATION)
Organizing children's self-government. A. A. Pokolev, E. V. Bondarevskaia. Sov. pedag. 25 no. 4 51-59 Ap '61.

SELF-INCRIMINATION
Confession. M. Kiselev. Sov. iust. no. 4 65-66 Ap '60.

SELIDOVKA—COAL MINES AND MINING
Loosening coal massives by water infusion. G. I. Kuznetsov, P. P. Mikhailuk. Bezop. truda v prom. 4 no. 5: 8-10 My '60.

SELIGER—TOURISM
Unruffled pools of Seliger. E. Simonov. Ogonek 39 no. 22, 18-19 My '61.

SEMANTICS (PHILOSOPHY)
Lectures of a Polish Marxist philosopher on the theory of semantics. Vest. Mosk. un. Ser. 8 Ekon., filos. 15 no. 1 94-96 '60.

SEMEN—PRESERVATION
Artificial insemination of sows and effect of the length of preservation on the biochemical properties of the semen of boars. O. I. Arkhypovets'. Visnyk sil'hosp. nauky 4 no. 4 68-75 Ap '61.

SEMICARBAZIDE
Preparation of 4-alkyl- and 4-arylthiosemicarbazides. V. IA. Kazakov, I. IA. Postovskii. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 2 236-241 '61.

SEMICARBAZONES
Study of tautomerism and geometric isomerism of nitrogen-containing derivatives of carbonyl compounds. Report No. 3: Polarographic study of some semi- and thiosemicarbazones in water-alcohol solutions. IU. P. Kitaev, G. K. Budnikov, A. E. Arbuzov. Izv. AN SSSR Otd. khim. nauk no. 5, 821-831 My '61.

SEMICONDUCTORS
Applying the phase-shift method for measuring the life of nonequilibrium charge carriers in semiconductors. S. V. Bogdanov, B. D. Kopylovskii. Fiz. tver. tela 3 no. 3:926-934 Mr '61.
Catalysis on semiconductors in the region of natural conduction. O. V. Krylov, S. Z. Roginskii, E. A. Fokina. Probl. kin. i kat. 10:117-120 '60.
Certain properties of semiconductor polymers. R. M. Voitenko, E. M. Raskina. Dokl. AN SSSR 136 no. 5: 1137-1138 F '61.
Charging of the semiconductor surface during adsorption. F. F. Vol'kenshtein. Probl. kin. i kat. 10:50-61 '60.
Charging of the surface of oxide catalysts-semiconductors during adsorption. E. Kh. Enikeev. Probl. kin. i kat. 10:88-89 '60.
Effect of an external electric field on the adsorptive capacity of a semiconductor. F. F. Vol'kenshtein, V. B. Sandomirskii. Probl. kin. i kat. 10 61 '60.
Effect of "deep-seated" impurities on the volt-ampere characteristics of semiconductor diodes. P. M. Karageorgii-Alkalaev. Izv. AN Uz. SSR. Ser. fiz.-mat. nauk no. 2:12-28 '61.
Effect of light on the adsorptive capacity and catalytic activity of a semiconductor. F. F. Vol'kenshtein, Sh. M. Kogan. Probl. kin. i kat. 10 60 '60.
Electric conductivity isotherms of binary systems in semiconductors. IU. M. Shashkov, T. P. Kolesnikova. Trudy Inst. met. no. 4:236-239 '60.
Electric conductivity of semiconductor catalysts. A. Bolianskii, G. Deren', G. Gaber. Probl. kin. i kat. 10:37-49 '60.
Electronic factors in semiconductor catalysis and rules for the selection of catalysts. S. Z. Roginskii. Probl. kin. i kat. 10:5-20 '60.
Energy spectrum of an atomic semiconductor in multielectron theory. No. 2. Part 1. Diagonalization of the energy operator. A. N. Kushnirenko. Visnyk Kyiv. un. Ser. astron., mat. ta mekh. no. 1 63-74 '58.
Experimental determination of polaron mass in cuprous oxide [with summary in English]. A. I. Gubanov, N. L. Kriivko, N. M. Reinov. Zhur. eksp. i teor. fiz. 38 no. 2 341-344 F '60.
Formation of semiconducting titanium dioxide on titanium at low oxygen pressures [with summary in English]. V. A. Dorin, D. N. Nasledov, F. M. Tartakovskaia. Zhur. fiz. khim. 34 no. 4 809-814 Ap '60.
Heat of formation and physical properties of semiconducting intermetallic compounds [with summary in English]. P. P. Otopkov, A. M. Evseev. Zhur. fiz. khim. 34 no. 4 815-818 Ap '60.
Influence of dispersity on the adsorptive capacity of a semiconductor. Sh. M. Kogan. Probl. kin. i kat. 10 52-57 '60.
Investigating three-component $PbBiSe_2$ semiconductor compounds. L. S. Palatnik and others. Fiz. met. i metalloved. 11 no. 5 677-680 My '61.
Magnetodiodes. E. I. Karakushan, V. I. Stafeev. Fiz. tver. tela 3 no. 3 677-686 Mr '61.
Measurements of the contact potential of a semiconductor as a method of detecting the various charged states of particles adsorbed on it. Sh. M. Kogan, V. B. Sandomirskii. Probl. kin. i kat. 10 62-66 '60.
Mechanism of electronic exchange in the photooxidation of of water on semiconductors. G. A. Korsunovskii. Probl. kin. i kat. 10 67 '60.
Meet the semiconductors ("The key to the sun" by E. Bortsov, I. Platnovii. Reviewed by S. Liash). Znan. ta praktsia no. 5:9 My '61.
Nature of the heterogeneity of the active surface of semiconductor contacts. N. P. Keier. Probl. kin. i kat. 10, 73-76 '60.
Present-day state of the electronic theory of catalysis on semiconductors. F. F. Vol'kenshtein. Probl. kin. i kat. 10, 21-33 '60.
Recombination in silicon alloyed with gallium, indium, and antimony. IA. F. Pokrovskii, K. I. Svistunova. Fiz. tver. tela 3 no. 3 757-767 Mr '61.
Some features of the energy spectrum of many-electron systems in semiconductors. V. L. Bonch-Bruevich. Fiz. tver. tela 3 no. 3 768-775 Mr '61.
Some problems involved in the formation of complex tetrahedral phases [with summary in English]. N. A. Goriunova. Vest. LGU 16 no. 10, 112-124 '61.

SEMICONDUCTORS—ELECTRIC PROPERTIES
Volume-gradient phenomena and applicability limits for measuring the electric conductivity of semiconductors by the probe compensation method. P. I. Baranskii. Fiz. tver. tela 3 no. 3:864-868 Mr '61.

SEMIPALATINSK PROVINCE—AGRICULTURE
Irtysh region contrasts. A. IUshin. Part. zhizn' Kazakh. 30 no. 4 66-71 Ap '60.

SEMIPALATINSK PROVINCE—SOLOTH SOILS
Soloth soils and solodization of the arid steppe and desert-steppe zone of the Semipalatinsk portion of the Irtysh Valley [with summary in English]. A. A. Sokolov, N. I. Kotin. Pochvovedenie no. 5:43-53 My '61.

SEMIRECH'YE—REVOLUTION, 1917-1921
"Participation of the Dungans in the establishment of Soviet rule in Semirech'ye" by I. IUsupov. Reviewed by K. I. Malyshev, K. G. Shchegolev. Ist. SSSR 5 no. 3, 181 My-Je '61.
A study on the history of the civil war in Semirech'ye ("Victory of the Soviet regime in Semirech'ye" by S. N. Pokrovskii. Reviewed by K. Zhitov). Part. zhizn' Ka[illegible]

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SENEGAL—RELATIONS (GENERAL) WITH FRANCE
The Trojan horse in African education. Michel N'deh. Vsem. stud. nov. 15 no. 1:14-15 Ja '61.

SENSE ORGANS—FISHES
Latent differentiation of the material of the acoustic vesicle in the sturgeons Acipenser guldenstadtii and A. stellatus. E. V. Chulitskaia. Dokl. AN SSSR 136 no. 3:718-721 My '61.
Role of sense organs in the feeding of Corvina umbra L. M. P. Aronov. Vop. ikht. 1 no. 1:194-199 '61.
"Sense organs of the lateral line system and their significance in the behavior of fishes" by N. N. Disler. Reviewed by V. A. Rakov. Vop. ikht. 1 no. 1:209-201 '61.

SENSES AND SENSATION
Disorders of sensitivity in multiple sclerosis [with summary in French]. S. V. Babenkova. Zhur. nevr. i psikh. 60 no. 11:1444-1452 '60.
Morphophysiological structure of the interoceptive analyzer and some features of its function. V. N. Chernigovskii. Vest. AMN SSSR 14 no. 4, 3-18 '59.

SEPARATORS (MACHINES)

Calculating critical speeds for separators. L. V. Epishev. Trudy NIIKHIMMASH no. 29:107-116 '59.

Hydrocyclone for settling drill cuttings. I. Graf. Neftianik 6 no. 5 32-34 My '61

Processes and units for the mechanical separation of nonhomogeneous liquid systems. B. N. Borisoglebskii. Khim. mash. no. 3 42-46 My-Je '61

Separator for the separation of hide scrapings from water. R. M. Shor. Kozh.-obuv. prom. 2 no. 3 33 Mr '60

Studying the diffusion separator column. R. IA. Kucherov, A. G. Rudziev. Soob. AN Gruz. SSR 24 no. 1 23-29 Ja '60.

Using a hydrocyclone battery in the pulp-water system of coal preparation plants. M. N. Dunaev, A. G. Melik-Stepanova, B. S. Ordinartsev, Obogashchenie rud, no. 14 21-35 '60

SEPARATORS (MACHINES)—VIBRATION

Vibrations of suspended centrifuges and separators with a flexible support. L. V. Epishev. Trudy NIIKHIMMASH no. 29:86-106 '59.

SEQUENCES (MATHEMATICS)

Boundary properties of functions from the $W_{\frac{1}{2}}^{p}$ "weight" classes. S. V. Uspenskii. Dokl. AN SSSR 130 no. 1 765-768 Je '60.

Integral theorems for large deviations. V. V. Petrov. Dokl. AN SSSR 138 no. 4 749-780 Je '61

Reduced Landau problem and its generalization. B. V. Levin. Usp. mat. nauk 16 no. 2 123-125 Mr-Ap '61

SERAPION, SAINT Bishop of Vladimir, d. 1275

Severe criticism of the dissension among the princes made by Serapion of Vladimir in his teachings. V. A. Kolobanov. Trudy ODRL 17 329-333 '61

SERDOBSK DISTRICT—AGRICULTURAL ADMINISTRATION

"A district party committee should be the efficient organizer of the masses." Part. zhizn' no. 11:78 Je '61.

SEREBRIAKOV, PAVEL

A belated premiere. A. M. Sov. muz. 25 no. 6:158 Je '61.

SEREBRIAKOVA, GALINA ISOIOSIFOVNA

A famous figure and great demands ("Stealing of fire", a novel by Galina Serebriakova. Reviewed by V. Goffenshefer). Novyi mir 36 no. 5 211-216 My '60.

SERFDOM

(see also subdivision under Japan)

The decree of 1601. V. M. Panteikh. Probl. istoch. no. 9:262-269 '61

SERIES

Cauchy type integrals convergence and summability. Summary by the author. P. L. Ul'ianov. Usp. mat. nauk 16 no. 2 255-260 Mr-Ap '61

Condition for the expansion of functions into a quasi-power series within the fundamental interval. G. V. Badalian. Dokl. AN SSSR 136 no. 1:9-11 Ja '61

SERIES, DIRICHLET'S

Arrangement of zeros in Dirichlet's L-series. IU. V. Kashirskii. Dokl. AN SSSR 138 no. 2:279-282 My '61.

SERIES, DIVERGENT

Divergent series under Haar's system and on bases. P. L. Ul'ianov. Dokl. AN SSSR 138 no. 3 556-559 My '61

SERIES, ORTHOGONAL

"Problem of the convergence of orthogonal series" [in German] by Alexits, G. Reviewed by P. L. Ul'ianov. Usp. mat. nauk 16 no. 2 261-264 Mr-Ap '61

SERINE DEAMINASE

Certain properties of serine deaminase of Escherichia coli and dysentery bacteria [with summary in English]. L. S. Olenicheva. Biokhimiia 25 no. 6 1026-1029 N-D '60.

SEROTONIN

Ascending effects during the action on the subpharyngeal ganglia of Helix of serotonin, noradrenalin, tyramine and tryptamine. Kh. S. Koshtoiants, K. Rozha. Fiziol. zhur. 47 no. 2:266-271 F '61.

Change in the serotonin content of the blood and organs of rabbits following typhoid intoxication [with summary in English]. Z. A. Popeneneva. Biul. eksp. biol. i med. 51 no. 2:32-36 F '61.

Effect of certain hypotensive compounds on the serotonin content of enterochromaffin cells of the intestine (kul'chitskii's cells) [with summary in English]. M. D. Mashkovskii, A. I. IAkovleva, N. G. Shakhnazarova. Farm. i toks. 24 no. 1 44-49 Ja-F '61.

Effect of reserpine on the enterochromaffin cells of the small intestine [with summary in English]. M. I. Shliarova. Biul. eksp. biol. i med. 51 no. 2:78-79 F '61.

A serotoninlike substance in the embryogenesis of some gastropods [with summary in English]. G. A. Buznikov, B. N. Manukhin. Zhur. ob. biol. 22 no. 3:226-232 My-Je '61.

SERPUKHOV DISTRICT—AGRICULTURE

[The club contributes to collective-farm production] Klub - kolkhoznomu proizvodstvu. Moskva, Izd-vo "Sovetskaia Rossiia." (Bibliotechka sel'skogo klubnogo rabotnika, no. 5)

No. 1 [Promoting the initiative of leaders in the agriculture of Serpukhov District, Moscow Province] O propagande initsiativy peredovikov sel'skogo khoziaistva Serpukhovskogo raiona Moskovskoi oblasti, 1961. 23 p.

SERUM

ACS serum and other cytotoxic serums and their significance in medicine. P. D. Marchuk. Farmol. zhur. [Ukr.] 7 no. 3 371-375 My-Je '61.

Amount of vitamin B_{12} and iron in blood serum in stomach diseases. E. I. Atakhanov, U. I. Ildashev. Med. zhur. Uzb. no. 4:8-13 Ap '61.

Detection of Cl. botulinum with the aid of luminescent antibodies. Report No. 1. Production of specific luminescence in Cl. botulinum during their processing with luminescent immune serum [with summary in English]. F. A. Kalitina. Biul. eksp. biol. i med. 49 no. 3:81-84 Mr '60.

Observations on the biological activity of immune sera. V. V. Skorodynska, N. B. Shchastna. Mikrobiol. zhur. 23 no. 1 57-61 '61

Seasonal changes in nitrogen, calcium, and phosphorus in the blood serum of cattle. N. A. Korotina. Uzb. biol. zhur. no. 2:52-55 '61

SERUM DIAGNOSIS

Serum diagnosis. I. Borutskaia. Nauka i zhizn' 28 no. 4:78-79 Ap '61.

SERVICE STATIONS

Conveyer line for the servicing of passenger cars. N. Mikhailov. Avt. transp. 39 no. 5:24-25 My '61.

Operation of automatic filling stations. I. D. Andreev. Neftianik 6 no. 5 15-16 My '61

Reuse of water in car washing. D. Belov. Avt. transp. 39 no. 5:22-24 My '61.

SERVOMECHANISMS

Application of the theory of Brownian movement in the investigation of interference rejection of radio pulse servo systems. A. M. Vasil'ev. Nauch. dokl. vys. shkoly, radiotekh. i elektron. no. 2 3-13 '59

Combined application of control "by disturbances" and the principle of adaptation of parameters in a servomechanism with a limited number of differentiators [with summary in English]. V. I. Kostink. Avtomatyka no. 1 26-37 '60

Pneumatic servomechanisms for gear shifting manufactured by the Zahnradfabrik and the Clayton-Dewandre Co. I. I. Dymshits. Avt. prom. 27 no. 5:45-46 My '61.

Servosystem for instruments with an inactive phase voltage protection. V. P. Orlov, E. A. Tanskii. Izv. vys. ucheb. zav.; prib. 3 no. 1:18-25 '60.

Theory of pulse servosystems. IA. N. Roitenberg. Prikl. mat. i mekh. 24 no. 2 309-315 Mr-Ap '60

Use of a controlled synchronous detector with relay action for measuring voltages of very low frequency with the presence of asynchronous interference. P. I. Dekhtiarenko. Avtomatyka no. 1 69-74 '60

SEUME, JOHANN GOTTFRIED, 1736-1810

Johann Gottfried Seume. K. S. Protasova. Uch. zap. Mosk. gor. ped. inst. 75 3-35 '58.

SEVASTOPOL—MUSIC

Music in revolutionary Sevastopol. S. Stepanova. Sov. muz. 25 no. 5:98-101 My '61.

SEVASTOPOL—NAVAL MUSEUMS

A treasure house of the battle glory of the Black Sea Fleet. O. I. Lazariev, V. I. Protsenko. Ukr. ist. zhur. 5 no. 3:158-159 My-Je '61

SEVASTOPOL—SIEGE, 1942

In besieged Sevastopol. P. Mus'iakov. Sov. pech. no. 6: 16-20 Je '61.

Participation of Sevastopol workers in the defense of their city, October 1941-July 1942. M. I. Vanelev. Ukr. ist. zhur. 5 no. 3:72-81 My-Je '61

SEVASTOPOL—VIEWS

[Sovastopol; album] Sevastopol'; al'bom. Simferopol', Krymizdat, 1960. 1 v.

SEVENTH-DAY ADVENTISTS

These people were killed by God. V. Zolens'kyi. Voiovateist no. 5:24 My '61.

SEWAGE

Mixing of sewage with sea water. N. N. Alfimov. Gig. i san. 25 no. 3 106-108 Mr '60.

Presence of phenols in sewage from oil refineries. L. S. Gurvich, A. I. Kuper. Gig. i san. 25 no. 3:105-106 Mr '60

Sanitary characteristics of sewage in synthetic fatty acid production. N. V. Grin'. Gig. i san. 25 no. 3 100-102 Mr '60.

SEWAGE—ANALYSIS

Comparative characteristics of colorimetric methods for the determination of small quantities of phenol in industrial sewage. F. G. Diatlovitskaia. Gig. i san. 25 no. 3 60-63 Mr '60

SEWAGE—PURIFICATION

(see also subdivision under: Chernigov)

Karelin, IA. A., and V. G. Perevalov. [Removal of petroleum products from waste waters, foreign practices] Ochistka stochnykh vod ot nefteproduktov, zarubezhnyi opyt. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 130 p.

Methods for shortening the treatment time of sewage in the paper industry. A. E. Shabalin. Gig. i san. 25 no. 3 84-87 Mr '60

SEWAGE IRRIGATION

Sewage irrigation fields and crop yields. A. I. L'vovich, I. P. Kanaidov, V. M. Novikov. Priroda 50 no. 5:95-97 My '61.

SEWERAGE

Hygienic basis for determining the depth for laying drains in fields of underground filtration [with summary in English]. E. I. Goncharuk. Gig. i san. 25 no. 7: 22-26 Jl '60.

SEWING

For those who make their dresses themselves ("Comfortable and beautiful clothes" by K. Mavrina. Book review). Ukraina no. 8 30 Ap '60

SEX ORGANS see Generative organs

SHAFT SINKING

(see also subdivision under: South Africa, Union of)

An occupation becomes a thing of the past. O. Denisenko. Znan. ta pratsia no. 2 6 F '61.

Rules for using hoists in sinking vertical mine shafts. I. I. Levikov, A. A. Markov, S. S. Tkachev. Shakht. stroi. 5 no. 4:33 Ap '61.

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Collection no. 31 of unified regional unit valuation sheets for mining operations, inclined shafts] Sbornik no. 31 edinykh raionnykh edinichnykh rastsenok na gornopodkhodcheskie raboty, naklonnye stvoly. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 234 p.

Short-delay blasting in sinking an inclined shaft. D. T. Kovalev. Shakht. stroi. 5 no. 4:24-25 Ap '61.

Some characteristics of the crookedness of wells and method for controlling it. V. A. Chernov, I. D. Chasovskikh. Razved. i okh. nedr 27 no. 4:18-23 Ap '61

SHAFTING

Analysis of circular shafts with variable cross section and of hollow chamfers subjected to elastic plastic deformations. N. M. Kondakov. Izv. vys. ucheb. zav.; av. tekh. 3 no. 2:118-128 '60.

SHAFTING—VIBRATION

Natural vibration frequencies of shafts set in twin antifriction bearings. V. M. Chernyshev. Vest. mash. 41 no. 5:24-27 My '61.

SHAKESPEARE, WILLIAM, 1564-1616

The background of Falstaff in Shakespeare's historical chronicles. A. Z. Krasil'shchikova. Urh. zap. Mosk. gor. ped. inst. 75 231-260 '58

Shakespeare's use of sources for his works. A. A. Smirnov. Uch. zap. LGU no. 299:197-204 '61

SHAKESPEARE IN LITERATURE AND ART

Shakespeare in Landor's tale. T. Vasil'eva. Uch. zap. Kish. un. 37 53-68 '59.

SHAKHUN'YA DISTRICT—WOOD-USING INDUSTRIES—SAFETY MEASURES

Effective control is a great help. M. Makhalov. Okhr. truda i sots. strakh. 4 no. 5:17 My '61.

SHAKSHINO (KALININ PROVINCE)—PROSTHESIS

We are mechanizing our production. E. Stupalov. Sots. obesp. 22 no. 5,48-49 My '61.

SHALE

(see also subdivision under Kazakhstan)

Porous aggregate of local argillaceous-micaceous shale. I. R. Rasulov. Izv. AN Uz. SSR no. 7:91-93 '56.

SHAMIAKIN, IVAN, 1921-

"Uneasy happiness," a novel by Ivan Shamiakin. Reviewed by M. Barstok. Rab. i sial. 36 no. 4:20 Ap '60.

SHANSHOEVA, GULISTON

Guliston Shanshoeva. T. G. Chernova-Konovalova. Med. sestra 20 no. 3:51 Mr '61.

SHAPSHAL'SKIY MOUNTAINS—GLACIERS

Modern glaciation of the Shapshal'skii Range (eastern Altai). N. I. Mikhailov. Izv. AN SSSR. Ser. geog. no. 3: 76-81 My-Je '61.

SHARPEVILLE, SOUTH AFRICA—MASSACRE, 1960

The Sharpeville massacre and its consequences ("Shooting at Sharpeville, The agony of South Africa" [in English] by Ambrose Reeves. Reviewed by V. Molchanov). Novyi mir 37 no. 5:273-275 My '61.

SHAW, GEORGE BERNARD, 1856-1950

The satirical method of B. Shaw as a playwright. S. P. Chernia's'ka. Rad. lit. 5 no. 3 76-84 My-Je '61.

SHCHEKINA FAMILY

The Shchekinas. S Vinogradova Nova no 4 221-222 '61

SHCHEPKINA-KUPERNIK, TAT'IANA L'VOVNA, 1874-1952

Philemon and Baucis. T. Shchepkina-Kupernik. Moskva 4 no. 3 201-204 '60.

SHCHERBINOVSKIY DISTRICT—CRIMINAL JUSTICE, ADMINISTRATION OF

There are no loafers in our village. F. Petrenko. Sov. deput. trud. no. 6 75-77 Je '61.

SHEAR (MECHANICS)

Determining shear resistance of gravelly soils S S. Bushkanets Izv VNIIG 65 225-227 '60

SHEBEKINO—OIL INDUSTRIES

Success was ensured by a proper organization of work. V. D. Mar'in. Mash.-zhit. prom. 27 no. 5:41-42 My '61.

SHEBELINKA REGION—GAS, NATURAL

A geological surveyor's diploma Mykola Shudria. Ukraina no 7 11 Ap '60

SHEEP

(see also subdivision under Australia, Novoaleksandrovskaia District, Uzbekistan)

Commercial and technical properties of coarse-wool sheepskins classified by breed and area of manufacture. M. S. Liubsemburg, M. M. Zharnyl'skii, L. G. Rumiantseva. Kozh.-obuv. prom. 3 no. 4:5-8 Ap 61.

SHEEP—DISEASES

(see also subdivision under Kazakhstan)

Systematic worming of sheep to control moniezíasis R Kh Khaitov, Sh A Azimov Izv AN Uz.SSR no. 10 87-91 '56

SHEEP BREEDING

Articles published in Russian periodicals as a source for the history of the breeding of fine-wooled sheep in the first half of the 19th century S V Klimova Probl. istoch no 9 59-91 '61

SHEEP HOUSES AND EQUIPMENT

Economic buildings for keeping sheep in large groups. B. Men'shov. Sel'. strol. 15 no. 2:28 F '61.

SHEET METAL WORK

[Automatic control of sheet-metal work] Avtomatizatsiia kholodnoshtampovochnogo proizvodstva. Pod red. T. M. Golubeva i I. P. Tartakovskogo. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 282 p.

Determination of the friction coefficient on the distribution of hardness in the plastic zone. Kuz.-shtam. proizv. 3 no 5:10 My '61.

"Die stamping with use of electromagnetic blocks" by Ia. M. Rudnev. Reviewed by L. I. Vegner. Kuz.-shtam. proizv. 3 no 5 48 My '61.

Pressing stresses excited in stamping and drawing parts of sheet metal. N. M. Birinkov. Izv. vys. ucheb. zav., mashinostr no. 1 83-94 '60

Production of cold-bent economical shapes. I. S. Trishevskii, L. N. Soroko, A. A. Naidenov. Metallurg 6 no. 6 20-23 Je '61.

Rodov, G. M., and I. M. Podrabinnik. [Automation of stamping equipment] Avtomatizatsiia shtampovochnogo oborudovaniia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 133 p.

Two-sided stamping. G. Aksel'rod. Izobr. i rats. no. 6 50-51 My '61.

Welded constructions of the future. G. V. Raeva'kyi. Znan ta pratsia no. 3:14-15 Mr '61

SHEET STEEL

Heterogeneity in the distribution of texture and internal stresses in the cross-section of a cold-rolled sheet of electrical steel. I. P. Kudriavtsev, V. V. Druzhinin. Fiz. met. i metalloved. 11 no. 5:752-756 My '61.

SHEET STEEL—MAGNETIC PROPERTIES

Nonuniformity of magnetic properties in a stack of electrical steel sheets [with summary in English]. L. P. Ershova, A. I. Korsunskaia. Stal' 21 no. 6: 546-548 Je '61.

SHELGUNOV, NIKOLAI VASIL'EVICH, 1824-1891

N. V. Shelgunov. Nar. asv. no. 3:92 Mr '61.

SHELL MOLDING (FOUNDING)

Making large castings with shell inserts. G. F. Kazakov. Lit. proizv. no. 5:44-45 My '61.

Standard equipment for the surface drying of foundry molds. S. I. Cheiverukhin. Lit. proizv. no. 5:15-16 My '61.

SHELL ROOFS see Roofs, Shell

SHEMAKHA REGION—FISHES, FOSSIL

Some data about fossil fish of the Shemakha region S M Aslanova Izv. AN Azerb SSR, Ser. geol.-geog. nauk no 5 77-83 '60.

SHEPELEVA, VARVARA KONSTANTINOVNA

Rem and others. Ed. Arenin. Zvezda no. 3, 169-170 Mr '61.

SHEPETOVKA—REVOLUTION, 1917-1921

Visiting Antek Klopotovs'kyi Ivan Herhel' Ukraina no. 7 12 Ap '60

SHERIDAN, CLARE CONSUELO (FREWEN), 1885-

The plain truth; with an epilogue by Alla Liubarskaia Clare Sheridan Inostr. lit no 4 179-185 Ap '61

SHERLOVAYA GORA—OLIGONITE

Zinciferous oligonite from Sherlovaya Gora, F.V Chukhrov Dokl AN SSSR 138 no. 2 429-430 My '61

SHESHKO, EVGENII FOMICH, 1901-1961

Professor E. F. Sheshko, obituary. Ugol' 36 no. 3 64 Mr '61

SHEVCHENKO, TARAS, 1814-1861

"The bard" of T. H. Shevchenko and this book's role in the musical life of the Ukrainians. O. A. Pravdiuk Nar. tvorch. ta etn. 5 no 1 49-57 Ja-F '61.

Bilets'ka, L. K. [Shevchenko and the theater] Shevchenko i teatr. Kyiv, 1961. 30 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 8, no. 5)

Bilets'kyi, O. I., and Deich, O. I. [Taras Hryhorovych Shevchenko, a literary portrait] Taras Hryhorovych Shevchenko, literaturnyi portret. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1961. 213 p.

Celebration of the anniversary of the great bard T. H. Shevchenko H P Kravchenko Ukr. ist. zhur 5 no 3:149-150 My-Je '61

Epic of a revolutionary feat. V. Kosian. Sov. Ukr. 11 no. 5:145-151 My '61.

Falsifiers won't be able to disparage the greatness of Taras Shevchenko A Mazurkevich. Komm. Ukr 36 no 5, 75-84 My '61

Folk songs to T. H Shevchenko's poems. Selected by O. A. Pravdiuk. Nar. tvorch. ta etn. 5 no. 1 109-117 Ja-F '61.

Great bard. E. Kirilliuk. V mire knig 1 no. 1:33-34 Ja '61.

[The great bard in the memory of the people; collection of statements on T. H. Shevchenko] Velykyi kobzar v pamiati narodnii; zbirnyk vysloviluvan' pro T. H. Shevchenka. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1961. 177 p.

The grotesque in Shevchenko's works IU. O. Ivakin Rad. lit. 5 no. 2 92-102 Mr-Ap '61

How the biography of Taras Shevchenko was written ("Taras Hryhorovych Shevchenko" by H. A. V'iazova'kyi and others. Reviewed by A. I. Kostenko). Rad. lit. 5 no. 3:138-143 My-Je '61.

Image of the great bard. Mystetstvo 8 no 2 1-3 Mr-Ap '61

Immortal song of the bard. Valentyn Rechmedin Mystetstvo 8 no 2 4-5 Mr-Ap '61

Immortality of a poet IE. P Kyryliuk Rad. lit. 5 no 2 69-80 Mr-Ap '61

Komyshanchenko, M. P. [Literary and critical writings of the immortal bard] Literaturno-krytychne slovo bezsmertnoho kobzaria. Kyiv, 1961. 41 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 8, no. 2)

A letter from Uzbekistan. Gafur Guliam. Sov. Ukr. 11 no. 5:152 My '61.

A Marxist-Leninist interpretation of the revolutionary and democratic ideas of Chernyshevskii and Shevchenko. IE. S Shabliovs'kyi Ukr ist. zhur 5 no 3 39-48 My-Je '61

On the biography of T. H. Shevchenko. Leonid Khinkulov. Sov. Ukr. 11 no. 5:157-165 My '61.

On the history of the 1867 edition of the "Kobzar" L. F Kodats'ka. Rad lit 5 no. 2 112-119 Mr-Ap '61.

Our immortal bard. V. Hryn'ko, M. Chetyrko. Volov. ateist no. 5:32-33 My '61.

The people honor the memory of T. H. Shevchenko Mystetvo 8 no 2:17-19 Mr-Ap '61

The people's path leading toward him is not overgrown. Vas. Kostenko. Sov. Ukr. 11 no. 5:138-144 My '61.

The peoples praise the bard. Sov. Ukr. 11 no. 5:160-165 My '61.

Revelation of the people's love Zinovoii Bilenko Mystetstvo 8 no 2 13-16 Mr-Ap '61.

Shevchenko and Georgia. V. Imedadze Sov. Ukr 11 no. 5 153-156 My '61.

Shevchenko and the literatures of the peoples of the U. S. S. R. V IE. Shubrava'kyi Rad lit. 5 no. 2 81-91 Mr-Ap '61

Shevchenko on the pages of Rumanian socialist publications during the second half of the 19th century. M. A. Laszlo Rad lit 5 no. 2 119-124 Mr-Ap '61

Shevchenko the portraitist. Petro Hovdia. Mystetstvo 8 no. 2, 11-13 Mr-Ap '61.

Surrounded by love. Andrei Malyshko. Sov. Ukr 11 no. 5 129-137 My '61.

T. H. Shevchenko's pedagogical views and work. O. Akhrymenka, P. Akhrymenka. Nar. asv. no. 3 85-88 Mr '61.

T. H. Shevchenko's views on folklore. B. S Sukhobrus. Nar. tvorch. ta etn 5 no. 1 30-38 Ja-F '61.

Taranushenko, S. A. [Shevchenko the artist] Shevchenko - khudozhnyk. Kyiv, 1961 77 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR, Ser. 8, no. 3/4)

Two editions of Shevchenko's poem "The blind man" ("The bondsman") V S Borodin Rad lit 5 no 3 102-112 Mr-Ap '61

Who is the "Old Prosecutor Boryspolets?" V. S. Kostenko. Rad. lit. 5 no. 3 115 My-Je '61.

With countrymen of the great Taras E Deikina Znan ta pratsia no 3 2-5 Mr '61

Women's lot in folk lyrics and T. H. Shevchenko's lyric poems. I. I. Pil'huk Nar. tvorch. ta etn 5 no 1 39-48 Ja-F '61

SHEVCHENKO, TARAS, 1814-1861—BIBLIOGRAPHY see Bibliography—Shevchenko, Taras, 1814-1861

SHEVCHENKO, TARAS, 1814-1861—MUSEUMS, RELICS, ETC.

The faithful friend of the Polish people. Pavlo Kalenychenko. Ukraina no 10 8-9 My '61.

SHEVCHENKO IN LITERATURE AND ART

The fastidiousness of an artist Ihor Savchenko Mystetstvo 8 no 2 9-10 Mr-Ap '61

Folk legends on the great bard; on the centennial of T. H. Shevchenko's death. V. Vil'chinskii. Zvezda no. 3, 205-209 Mr '61.

Portrayal of T. H. Shevchenko in Ukrainian folk sculpture. IU P Lashchuk Nar tvorch ta etn. 5 no 1 86-88 Ja-F '61

T. H. Shevchenko in Ukrainian folk art. Selected and supplied with an introductory article and footnotes by D. O. Kushnarenko Nar. tvorch. ta etn. 5 no. 1 98-108 Ja-F '61.

Undying love Ihor Bzhes'kyi Mystetstvo 8 no 2 5-8 Mr-Ap '61

SHEVCHENKOVO (ZVENIGORODKA DISTRICT)—DESCRIPTION

With countrymen of the great Taras. E Deikina. Znan ta pratsia no. 3 2-5 Mr '61.

SHIELDING (RADIATION) see subdivision under Trawsfynydd, England

SHIGELLA

(see also subdivision under Krasnodar)

Biochemical activity, serological properties and pathogenic characteristics of antibiotic-resistant variants of paratyphoid, dysenterial and coli bacilli [with summary in English] P N Kashkin and others Antibiotiki 6 no. 1 58-67 Ja '61

Certain properties of serine deaminase of Escherichia coli and dysentery bacteria [with summary in English]. L. S. Olenicheva Biokhimiia 25 no 6 1026-1029 N-D '60

Comparative characteristics of antibiotic sensitivity determination methods for dysentery bacilli [with summary in English] L G Breeva. Antibiotiki 6 no. 1 72-74 Ja '61

Comparative evaluation of the determination of enterotyphoid bacterial sensitivity to antibiotics of the tetracycline series by means of serial dilutions and phase contrast microscopy [with summary in English] Z. V Ermol'eva, A. G. Khvoles Antibiotiki 5 no 2 73-76 Mr-Ap '60

Preservation of antibiotic resistance in microbes from the enterotyphoid group in river water [with summary in English]. I. E. Kolukanov. Antibiotiki 6 no. 4 352-356 Ap '61.

SHIGELLA AMBIGUA see subdivision under Tashkent

SHIKIMIC ACID

Isolation of quinic and shikimic acids from shoots of the tea plant [with summary in English]. M. N. Zaprometov. Biokhimiia 26 no. 2:373-384 Mr-Ap '61.

SHILLING, PAVEL L'VOVICH, 1786-1837

Creator of the electromagnetic telegraph. B. M. Mar'inov. Nauka i zhyttia 11 no. 4:42-43 Ap '61.

SHIMSK DISTRICT—CORN (MAIZE)

Two men in a large field P. Bolvin Mol. komm no. 5, 38-40 My '61.

SHINGLES (DISEASE) see Herpes Zoster

SHIP HANDLING

Particular cases in the methods of determining a ship's location. IU. Sychov. Mor. flot 21 no. 5:13-14 My '61.

Relative displacement of ships in passing. N. Solarev S. Ol'shamovskii Rech transp 20 no 3 53 Mr '61

SHIP PROPULSION

Increasing the propulsive properties and improving the handling of propeller-driven vessels. S.Ol'shamovskii Rech. transp. 20 no.5 59-60 My '61.

SHIP PROPULSION, ELECTRIC

Repair of electric propulsion engines in repair shops on ships. I.Dantlov, A.IUshkevich. Mor.flot 21 no.5:18-20 My '61.

SHIPBUILDING

(see also subdivision under Denmark)

Green light for new materials. G Parkhomenko NTO 2 no 5,33-34 My '60

SHIPFITTING

Propane instead of acetylene D. Chumachenko Rech transp 20 no 3 46-47 Mr '61

SHIPPING

Develop direct mixed transportation along sea and river routes A Kovalev Rech transp 20 no. 3 5-9 Mr '61

Follow-up of previously published articles. Mor. flot 21 no. 5 48 My '61.

Greater use of progressive practices in the merchant marine. Mor.flot 21 no.5:1-2 My '61.

Shipping problems. M.Burmistrov. Nov. vrem. 19 no.21-26-27 My '61.

SHIPPING—LABOR PRODUCTIVITY

Methods of planning labor productivity in transportation taking several factors into consideration. S. Sluiskii. Mor.flot 21 no.5 6-9 My '61.

SHIPS

"Wilhelm Pieck" is a name that obliges. Strunke. Rech.transp. 20 no.5 57-58 My '61.

SHIPS—BIBLIOGRAPHY see Bibliography—Ships

SHIPS—CARGO

The most efficient schemes for container transportation used by the United Volga Steamship Line. U Rozni-chenko. Rech.transp. 19 no 2-19-21 F '60

SHIPS—EQUIPMENT AND SUPPLIES

New 1575 horse power passenger motorship M Prezh-nev, S Knlazev. Rech transp 19 no 2 21-25 F '60

New 1575 horsepower passenger motorship; conclusion. M. Brezhnev, S Knlazev Rech transp 19 no 3 21-23 Mr '60.

Plastic clamps and fastening devices for use on ships. A Briakulov. Rech transp 19 no 2:28 F '60

SHIPS—HYDRODYNAMICS

Effect of the gap between the ship hull and the face of a fin on the lateral pressure and the moment on the rudder shaft axis S Ermolenko Rech transp 20 no 3-30 Mr '61

SHIPS—MAINTENANCE AND REPAIR

(see also subdivision under Cherepovets; Gorodets, Gorkiy Province; Novoladozhskiy Canal)

Adhesives in shipbuilding and ship repairs. I.Klushenkov Rech transp 20 no 3 18-20 Mr '61

Improve the quality of new-type vessels S. Bednarzhev-skii. Rech. transp 20 no 3 45-46 Mr '61

Khvilluzov, V.F. [Underwater ship repairs] Podvodnyi sudoremont. Moskva, Izd-vo "Morskoi transport," 1961. 81 p.

Let us be ready to greet the 22d Congress of the Communist Party of the Soviet Union. Mor.flot 21 no.5-24a-24c My '61.

Lifting heavy tonnage ships on longitudinal two-poppet

SHIKLOV DISTRICT—WOMEN AS FARMERS

Along Lenin's path E.D. Ry hankova. Rab. i sial. 36 no 4 12-13 Ap '60.

SHIKULEV, FILIPP STEPANOVICH, 1866-1930

The albums of an old textile worker. Moskva 5 no.4 156-157 '61

SHOCK

Antishock fluid on the basis of plasma albumin in donor blood [with summary in English, p.63]. T. V. Polushina, M. Z. Rudnitskaia, O. V. Grigor'eva. Probl. gemat. i perel krovi 5 no.3 52-55 Mr '60.

Character of absorption of parentally administered saline solutions in experimental shock [with summary in English] I A Il'inskii. Biul eksp biol i med. 51 no 2:21-23 F '61

Features of the reaction of the animal to shock-producing stimulations during the administration of aminazine [with summary in English]. O. P. Khrabrova. Biul. eksp. biol i med. 51 no 2 23-27 F '61.

SHOCK WAVES

Conditions on the surfaces of sharp discontinuity in multicomponent mixtures G A Tirskii Prikl mat i mekh 25 no 2 196-208 Mr-Ap '61

Motion of a piston in an ideal gas N. N Kochina, N S. Mel'nikova Prikl mat i mekh 24 no 2 213-218 Mr-Ap '60

Reflection of incoming weak shock waves in a gas of variable density F. I Chernous'ko Prikl mat i mekh 25 no 2 209-217 Mr-Ap '61

Shock wave activated by a slightly curved piston R. M Zaidel' Prikl. mat. i mekh 24 no 2 219-227 Mr-Ap '60.

Shock waves in polytropic gas flows having rectilinear characteristics. A. F Sidorov. Prikl. mat. i mekh 25 no 2 377-381 Mr-Ap '61

Stability of detonation waves in gas mixtures. R. M. Zaidel'. Dokl AN SSSR 136 no 5:1142-1145 F '61

Structure of a magnetohydrodynamic shock wave in a gas having anisotropic conductivity. G A Lubimov Prikl mat i mekh 25 no 2 179-186 Mr-Ap '61

Waves excited on the surface of an incompressible fluid by a shock wave. B. N. Rumiantsev. Prikl. mat i mekh 24 no. 2 240-248 Mr-Ap '60.

SHOE INDUSTRY

(see also subdivision under Azerbaijan; Lithuania, Moscow; Sverdlovsk)

Central Scientific and Technical Institute of the Leather and Footwear Industry as a scientific center for the technological reorganization of the Soviet shoe and leather industry. A. N. Mikhailov Nauch.-issl trudy TSNIKP no 30-3-13 '59.

Preparing for the 22d Congress of the CPSU. Kozh.-obuv. prom. 3 no.1:1-2 Ja '61

Trends in the improvement of the production setup and of the administrative structure in shoe factories Report No 1 S I Ovchinnikov, P. S Pushkin Izv vys. ucheb. zav., tekh leg prom. no.1 13-23 '60

SHOE INDUSTRY—LABOR PRODUCTIVITY see subdivision under Azerbaijan; White Russia

SHOE INDUSTRY—QUALITY CONTROL

Developing systems of laboratory control and standards for the shoe industry E. IA. Mikheev Nauch -issl trudy TSNIKP no 30.160-170 '59

SHOE MACHINERY

Convenient and efficient machine. Kozh.-obuv. prom. 3 no.4:35 Ap '61.

From pages of wall newspapers. Kozh.-obuv. prom. 4 no 4 40 Ap '61.

...ouring machine. D. L. Luk'ianov. ...form. no.4:47-49 '61.

...shoe machinery. P. T. Basko 3 no. 1.30-33 Ja '61.

...orming shoes. E. A. Dubinskii. 3 no.4 20-21 Ap '61.

...ECHNOLOGICAL INNOVATIONS

...ventions and Discoveries of the ... of the U. S. S. R. E. Gonchar. 3 no.1:38-39 Ja '61

... under Ukraine)

...lomatization of shoe material cut-... A. A. Afanas'ev, Izv vys. ucheb. ... no 2:33-43 '61.

...conveying cut pieces, uppers and ...ris. N. N. Shchegolev. Kozh.-...:9-12 Ap '61.

... of the design of the shape and size ...otwear K I. Chentsova. Nauch.-...io 30:126-131 '59.

...t of the optimum program for con-...ion lines. G. P. Ispirian and others. ...tekh. leg. prom. no. 2:3-12 '61.

... shoe uppers on the magnitude of ...e-process shaping. IU. P. Zyhin ...tekh. leg. prom. no 1-80-84 '60.

Effectiveness of single-process shaping in the manufacture of footwear F S Dolgova, S I Ovchinnikov Izv vys ucheb zav., tekh leg prom no 1 9-12 '60

For a further specialization in shoe manufacture. A A Shteln, I. A. Shifrin. Kozh.-obuv prom 3 no 1 11-12 Ja '61

Give the green light for launching of shoe production lines for the manufacture of wide range assortments. Kozh.-obuv. prom. 3 no. 4 4 Ap '61.

Information Kozh.-obuv prom 3 no.1-12 Ja '61

Investigating the effectiveness of the simultaneous clicking of leather materials for shoe uppers and linings A A Afanas'ev, M I Chobit'ko Izv vys ucheb zav., tekh leg prom no 1 97-105 '60

Lvov Interprovincial Scientific and Technical Conference of Shoe Manufacturers A A Trubchaninov Izv vys ucheb. zav. tekh leg prom no 2 160-161 '61

Methods for establishing norms in the expenditure of auxiliary shoe materials G A Morekhodov Nauch.-issl. trudy TSNIKP no 30 144-148 '59

Organizing the press sections of production lines in the manufacture of footwear with the hot vulcanization method S I Ovchinnikov Izv. vys ucheb zav., tekh leg prom no 1 3-8 '60

Scientific method of designing the inside shape of footwear T. S Kochetlova, Z. V. Prokhorova, IU P Zyhin. Izv. vys ucheb zav., tekh leg. prom. no 2:50-57 '61

Simple, inexpensive, sturdy. A. Nusbein. Mest. prom. i khud. promys 2 no.5:30 My '61.

Studying the moldability properties of shoe upper blanks D. I. Anokhin, IU P. Zybin Izv vys ucheb zav., tekh leg. prom no 2 67-72 '61

Technology of cutting and norm setting methods for the expenditure of basic shoe materials M. L. Shustorovich Nauch.-issl trudy TSNIKP no 30 132-144 '59.

SHOE MANUFACTURE—DICTIONARIES

Shapiro, A. E., and M. L. Politerovich, comps. [German-Russian dictionary for leather and shoe industry] Nemetsko-russkii slovar' po kozhevennoi i obuvnoi promyshlennosti. Moskva, Glav. red. inostr. nauchno-tekhn. slovarei Fizmatgiza, 1960. 405 p.

SHOE MANUFACTURE—EQUIPMENT AND SUPPLIES

Atomizer used for wetting insoles of Russian leather footwear. IA. S. Pozin. Kozh.-obuv. prom. 3 no.4 30-31 Ap '61.

SHOE MANUFACTURE—PRODUCTION CONTROL

"Tolerances and production control in shoe manufacture" by A. A. Afanas'ev. Reviewed by P. Aleksandrov. Kozh.-obuv. prom. 2 no. 3.37-38 Mr '60.

SHOE MANUFACTURE—PRODUCTION STANDARDS

Methods for establishing production standards for sewing assembly lines in shoe enterprises. A S. Antonova. Kozh.-obuv. prom 2 no. 3.7-12 Mr '60.

SHOE MANUFACTURE—STANDARDS

Developing systems of laboratory control and standards for the shoe industry. E IA Mikheev Nauch.-issl trudy TSNIKP no 30 160-170 '59

SHOLOKHOV, MIKHAIL ALEKSANDROVICH, 1905-

In music. Ivan Dzerzhinskii. Novyi mir 36 no.5-221-224 My '60.

Mamai visits Sholokhov. I. Zenin. Moskva 4 no.3: 215-216 '60.

On the screen. Aleksandr Ivanov. Novyi mir 36 no.5 219-221 My '60.

Our Sholokhov. Novyi mir 36 no. 5.214-215 My '60.

A tragic novel and an epic novel ("Virgin soil upturned" by Mikhail Sholokhov. Reviewed by Jean Cathala). Novyi mir 36 no.5 215-219 My '60.

SHOOTING

Nikolov, L. V. [On Olympic firing ranges] Na olimpiiskikh ognevykh rubezhakh. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 63 p.

SHORE PROTECTION see subdivision under Lenin, Lake

SHORE PROTECTION—CONGRESSES

Announcements. Gidr strof. 30 no. 5:6ia My '60.

SHORTANDY DISTRICT—AGRICULTURE—AUDITING AND INSPECTION

"The light cavalry" on the march. G. Torets. Komsom. zhizn' no.5:26-27 Mr '60.

SHORTHAND, UKRAINIAN

Panelko, Oleksander. [Ukrainian stenography] Ukrains'-ka stenografiia. New York, 1961. 93 p.

SHORTWAVE RADIO see Radio, Shortwave

SHOSTKA—MOTION-PICTURE PHOTOGRAPHY—FILMS

Preparing to welcome the 22d Congress of the CPSU with suitable achievements. Tekh. kino i telev. 5 no.5:2 My '61.

SHOT PEENING

Using surface cold hardening for increasing the fatigue strength of welded diesel units. A. A. Novik, A. S Babich. Vest. mash. 41 no. 5:37-39 My '61.

SHOW WINDOWS

Make show windows interesting and vivid. S. Shatalin, L. Perel'shtein. Sov. knizh. torg. 13 no. 5 27-31 My '61.

SHRINES see subdivision under Jerusalem

SHRUBS

(see also subdivision under Apsheron Peninsula; Batumi, Kirghizistan)

Using gibberellin for accelerating the growth of woody plants. D. A. Komissarov. Les. khoz. 14 no. 6:35-38 Je '61.

SHRUBS—DISEASES AND PESTS

Study of lepidopteran pests of trees and shrubs in the Lenkoran zone. L. M Arbuzova-Tuzova Uch zap AGU Biol ser no 1 37-41 '60

SHTOKALO, IOSYP ZAKHAROVYCH, 1897-

Iosyp Zakharovych Shtokalo, on his 60th birthday IU O Mytropol's'kyi Visnyk Kyiv un Ser. astron , mat. ta mekh no 1 3-8 '58

SHU, CH'ING -CH'UN, 1898-

The dramaturgy of Lao-shê. V. Semanov. Pisat. str. nat. dem no 4 5-76 '60.

SHUBIN, ALEKSEI IVANOVICH, 1901-

They are in the neighborhood ("Merry tales" by Aleksei Shubin. Reviewed by Boris Privalov) Moskva 5 no. 4 180-182 '61.

SHUKOV, VLADIMIR GRIGOR'EVICH, 1853-1939

Kovel'man, G.M. [The work of Vladimir Grigor'evich Shukhov, engineer and honored academician] Tvorcheskoe pochetnogo akademika inzhenera Vladimira Grigor'evicha Shukhova. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 362 p.

SHUSHENSKOYE—DESCRIPTION

In Shushenskoye. A. Borodinskii. Sov. potreb. koop. 4 no. 4:27-29 Ap '60.

SHUVAEVA, TAT'IANA NIKONOVNA

Friend of patients. I. B. Sakhnovskii. Med. sestra 20 no. 4 58 Ap '61.

SIALIC ACIDS

Recent data on neuraminic acid and sialic acid and their biological significance S M Bychkov Usp. sovr. biol 49 no 1 3-18 Ja-F '60

SIAMESE LANGUAGE—PHONETICS

Studies on the phonetics of the Thai language. IU. M. Oslpov, N D Andreev Uch zap LGU no. 294,108-114 '61.

SIAZAN' REGION—OIL FIELDS—PRODUCTION METHODS

Efficient production of the Maikop series of the Siazan' field. E. A. Dadaeva, G. A. Guseinov, V. G. Petrovskii. Trudy AZNII DN no 9 229-232 '60.

SIBERIA—COMMERCE

"Siberian Arctic, the exploitation and development of the Kara Sea Route" [in English] by Jonas Lied. Reviewed by IU. I. Ist. SSSR 5 no. 2:224 Mr-Ap '61.

SIBERIA—CONSTRUCTION INDUSTRY

At high speed. V. Molchanov Stroitel' no 4:16a Ap '61

SIBERIA—DESCRIPTION AND TRAVEL

Signs of our times. Georgii Markov. Oktiabr' 38 no. 5: 11-14 My '61.

SIBERIA—ETHNOLOGY

Tasks of the ethnological study of the peoples of Siberia in the light of V. I. Lenin's teaching on the national problem [with summary in English]. L. P. Potapov. Sov. etn. no. 2 21-33 Mr-Ap '60.

SIBERIA—FIELD MICE

New data on the distribution of the red-backed bank vole (Clethrionomys glareolus Schreb.) in Siberia. O. L. Rossolimo, L. E. Syroechkovskii Nauch. dokl. vys. shkoly; biol nauki no. 2:61-64 '61.

SIBERIA—FOREST FIRES

Smoke fog. A. V. Borisov. Priroda 50 no. 5:65-66 My '61.

SIBERIA—GEOGRAPHY

Akademiia nauk SSSR, Sibirskoe otdelenie, Institut geografii Sibiri i Dal'nego Vostoka. [Geographical problems of Siberia and the Far East; results of the First Conference of the Geographers of Siberia and the Far East] Problemy geografii Sibiri i Dal'nego Vostoka; itogi Pervogo nauchnogo soveshchaniia geografov Sibiri i Dal'nego Vostoka. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1960. 133 p.

SIBERIA—GEOLOGY, STRATIGRAPHIC

Comparing the lower Cambrian horizon of the Sayan-Altai area and the Siberian Platform I. T. Zhuravleva, I. N Repina Dokl AN SSSR 136 no 5:1183-1185 F '61

Conference on general stratigraphic scales of Siberia. S. A. Akovlev. Mat. VSEGEI, Chet. geol. i geomorf. no. 2 20-27 '59

SIBERIA—GOLD ORES

Interdepartmental conference on the metallogeny of gold in Western Siberia and Krasnoyarsk Territory. IU. G. Shcherbakov. Geol. i geofiz no 2 130-131 '61

SIBERIA—HELVITE

Helvin-bearing skarn deposits [with summary in English]. IA. A. Kosals. Geol. i geofiz no 2 3-15 '61.

SIBERIA—HISTORY

History of people from Bukhara and Tashkent in Siberia (17th to first half of the 19th century). Kh. Zilnev. Izv AN Uz SSR no 10 93-100 '56

"Siberian Arctic; the exploitation and development of the Kara Sea Route" [in English] by Jonas Lied Reviewed by IU. I. Ist. SSSR 5 no 2,224 Mr-Ap '61.

SIBERIA—INDUSTRIES

Forty years of human life. IUrii Rytov. Moskva 5 no. 1: 143-154 '61.

Siberian industry and the characteristics of its development in the 18th and the first half of the 19th century. V. P. Vakhrushev. Trudy MINKHiGP no 30.130-165 '59.

SIBERIA—PALEONTOLOGICAL SOCIETIES

Third Conference of the Siberian Branch of the All-Union Paleontological Society. T. V. Astakhova. Geol. i geofiz. no. 2:132-133 '61.

SIBERIA—PHYSICAL GEOGRAPHY

Northern sparse forests of Siberia as a group of landform zones IU P Parmuzin Vest Mosk un Ser 5 Geog 16 no 3 22-30 My-Je '61

SIBERIA—PUBLIC HEALTH

"Material on the history of medicine and public health in Siberia," edited by D. I. Gol'dberg, N. P. Fedotov. Reviewed by B. D. Petrov Sov zdrav 20 no 2 89-91 '61.

SIBERIA—PUBLIC HEALTH—CONGRESSES

Interprovince conference on the regional history of medicine and public health in Siberia G I Mendrina, N M Starikov, S. F. Grigor'ev. Sov zdrav. 20 no 1 93-96 '61.

SIBERIA—RAILROADS

Building helps us improve and grow. G. Liutnev. Transp stroi 11 no. 4 6-8 Ap '61

SIBERIA—RAILROADS—CONSTRUCTION

We will complete all operations in planning the roadbed. V. P. Bekin Transp. stroi 11 no 4 12 Ap '61

SIBERIA—RAILROADS—ELECTRIFICATION

Ten-month plan to be completed by the 22d Congress of the CPSU V. M. Tiumnev. Transp stroi 11 no 4 11 Ap '61.

SIBERIA—SKARNS

Helvin-bearing skarn deposits [with summary in English]. IA. A. Kosals. Geol. i geofiz. no. 2 3-15 '61.

SIBERIA—SNOW SURVEYS

Methods of estimating water resources in the snow cover of mountain basins in Siberia. Sh. A. Kharshan. Trudy TSIP no. 99:99-105 '61.

SIBERIA—SOILS

Makeev, O. V. [Turf soils of the taiga in the southern part of Central Siberia; their genesis; properties, and efficient utilization] Dernovye taezhnye pochvy luga Srednei Sibiri; genezis, svoistva i puti ratsional'nogo ispol'zovaniia. Ulan-Ude, knizhnoe izd-vo, 1959. 346 p.

(DA)

SIBERIA—SPRING

In the Siberian steppe. E. L. Liubimova. Priroda 50 no. 6:125 Je '61.

SIBERIA—TALC

Types of processes of replacement during the formation of talc deposits in the Urals and Siberia. I. F. Romanovich. Izv. vys. ucheb. zav.; geol. i razv. 3 no 12:104-108 D '60

SIBERIA—TENT CATERPILLARS

Symposium on the problem of the larch spinner. N. G. Kolomiets, A. B. Gukasian. Izv. Sib. otd. AN SSSR no. 3: 113-114 '61.

SIBERIA, EASTERN—DESCRIPTION AND TRAVEL

Along the roads of Siberia. I. O. Rozhnov. Nauka i zhyttia 11 no. 4:20-23 Ap '61.

SIBERIA, EASTERN—DWELLINGS

The Russian dwelling in Eastern Siberia in the 17th and beginning of the 18th century [with summary in English]. V. A. Aleksandrov. Sov. etn. no. 2:44-56 Mr-Ap '60.

SIBERIA, EASTERN—ECONOMIC CONDITIONS

Along the roads of Siberia. I. O. Rozhnov. Nauka i zhyttia 11 no. 4.20-23 Ap '61.

SIBERIA, EASTERN—FOREST MANAGEMENT

Problems of organizing forested areas of Eastern Siberia. N. V. Nevzorov. Les. khoz. 14 no. 6.49-54 Je '61.

SIBERIA, EASTERN—RAILROADS—ELECTRIFICATION

We are building communism M Bunduk Transp stroi 11 no 1 8-10 Ap '61

SIBERIA, WESTERN—EDUCATION

Schools in pre-revolutionary Western Siberia ("Schools of Western Siberia at the end of the 19th and the beginning of the 20th century" by F. F Shamakhova Reviewed by P. Voitik) Nar. obr no. 5 119 My '61

SIBERIA, WESTERN—GEOLOGY, STRATIGRAPHIC

Age of the Salemal (Sanchugovka) sediments G I Lazukov Izv vys ucheb zav , geol i razv 3 no 12 29-36 D '60

Zone with Ebria antiqua Schultz in the lower Oligocene of the West Siberian Lowland V N Vekshina Dokl AN SSSR 136 no 5 1175-1179 F '61.

SIBERIA, WESTERN—GEOLOGY, STRUCTURAL

Brief, critical outline of current concepts of the tectonics of the mantle and foundation of the Western Siberian Lowland I. V. Derbikov, M. P. Grishin, M. P. Ben'ko. Trudy SNIIGGIMS no. 11 5-28 '60

Tectonics of the foundation of the Western Siberian Lowland and the mountains (Paleozoic) forming its borders in the interfluve of the Ob' and Irtysh Rivers and adjacent areas. I. V. Derbikov, M. P. Grishin Trudy SNIIGGIMS no 11 29-62 '60.

Tectonics of the Mesozoic and Cenozoic mantle of the Western Siberian Lowland Trudy SNIIGGIMS no 11 63-155 '60.

SIBERIA, WESTERN—HEALTH RESORTS, WATERING PLACES, ETC.

With the help of patrons. N. Smol'tsovnikov. Okhr. truda i sots. strakh. 4 no. 5:29-30 My '61.

SIBERIA, WESTERN—LOCUSTS

"Locusts of Western Siberia" by R. P. Berezhkov Reviewed by G. IA. Bei-Bienko. Zool zhur 40 no 5:791 '61.

SIBERIA, WESTERN—PALEOGEOGRAPHY

Paleogeography of the Eocene in the southern part of the trans-Ural region F. V. Kipritanova Dokl AN SSSR 136 no 5:1189-1192 F '61.

SIBERIA, WESTERN—PETROLEUM GEOLOGY

Question of oil and gas prospects. E. I. Ben'ko, I. V. Derbikov. Trudy SNIIGGIMS no. 11 156-170 '60.

SIBERIA, WESTERN—SALTS

Perspectives for the development of some halurgical industries in Western Siberia and northern Kazakhstan. IA. M. Kheifets. Zhur. prikl. khim. 34 no. 3:473-492 Mr '61.

SIBERIA, WESTERN—SEEDS

Economic significance of high-grade seed stocks. M. D Rogov. Dokl. i soob. VNIESKH no. 8 148-153 '60.

SIBERIA, WESTERN—WHEAT—HARVESTING

Germination of grain in mows of stage-harvested wheat and its relation to basic agrometeorological factors. G. I. Borisoglebskii. Trudy TSIP no 107:30-34 '61.

SIBERIAN PLATFORM—GEOLOGY, STRATIGRAPHIC

Series of the aldan stage in lower Cambrian sediments of the southern Siberian Platform [with summary in English]. S. M Zamaraev. Geol. i geofiz. no. 2:77-82 '61.

SIBERIAN PLATFORM—GEOLOGY, STRUCTURAL

Tectonic conditions controlling the formation of the alkali and ultrabasic complex in the northern Siberian Platform [with summary in English] E L. Butakova. Geol. i geof no 1:34-44 '61

SIBERIAN PLATFORM—GLACIAL EPOCH

Characteristics of the development of Pleistocene glaciations in the northwestern part of the Siberian Platform. S. M. TSeitlin. Dokl. AN SSSR 138 no 4.920-923 Je '61.

SIBERIAN PLATFORM—ICELAND SPAR

Nature of the color of Iceland spar in deposits of the Siberian Platform. A. V. Skropyshev. Trudy VNIIP [MS] 3 no. 2:61-72 '60.

SIEROZEM SOILS see subdivision under Uzbekistan

SIGN OF THE CROSS see Cross, Sign of the

SIGNALS AND SIGNALING

Shallow depth signaling device for the echo sounder "Reka" V. Vlasov, IU. Berezentsev. Rech transp 20 no. 3 53-54 Mr '61.

SIKHOTE-ALIN' RANGE—FAULTS (GEOLOGY)

The central Sikhote-Alin' fracture (fault) B. V. Ivanov. Dokl. AN SSSR 138 no. 1:900-903 Je '61.

SIKHOTE-ALIN' RANGE—GEOLOGY, STRATIGRAPHIC

Upper Quaternary and Quaternary stratigraphy of the Sikhote-Alin' Range and Maritime Territory. G. S. Ganeshin. Mat. VSEGEI Chet. geol. i geomorf. no. 2, 77-87 '59.

SIKHOTE-ALIN' RANGE—GLACIAL EPOCH

Quaternary glaciation of the Sikhote-Alin' Range. G. S. Ganeshin. Mat. VSEGEI Chet. geol. i geomorf. no. 2, 132-146 '59.

SILANE

Adsorptive ability and catalytic activity of platinized charcoal in relation to certain silicon hydrides added to unsaturated compounds. V. A. Afanas'ev, V. A. Ponomarenko, N. A. Zadorozhnyi. Dokl. AN SSSR 136 no. 5:1123-1126 F '61.

Catalytic conversions of the mixture of products from a combined hydrolysis of methylphenyldichlorosilane and trimethylchlorosilane. K. A. Andrianov, T. A. Krasovskaia, T. I. Ponomareva. Plast. massy no. 6:21-24 '61.

Effect of the character of the silyl group on the rate of dehydrochlorination of some β- and γ-chloroalkylchlorosilanes by piperidine. V. F. Mironov, V. V. Nepomnina. Izv. AN SSSR Otd. khim. nauk no. 5:920-921 My '61.

Monoorganosilanes. Part 1. Synthesis of monoorganosilanes. V. O. Reikhsfel'd. Zhur. ob. khim. 31 no. 5:1576-1579 My '61.

Organosilicon compounds with hydrocarbon bridges between silicon atoms. Alkylation of ω-cyanoalkyltrimethylsilanes by halomethyltrimethylsilanes. V. M. Vdovin and others. Dokl. AN SSSR 138 no. 4:831-834 Je '61.

Thermomechanical investigation of polydiphenylsiloxyethylene fumarate-styrene copolymers [with summary in English]. M. A. Bulatov, S. S. Spasskii. Vysokom. soed. 3 no. 2:208-212 F '61.

SILANE—SPECTRA

Vibrational spectra and potential functions of the methylsilanes CH_3SiH_3, $(CH_3)_2SiH_2$, and $(CH_3)_3SiH$. I. F. Kovalev. Opt. i spektr. 8 no. 3:315-323 Mr '60.

SILICA

Adsorption and ion-exchange properties of silica modified by a radical with acid functions. I. F. Neimark, V. M. Chertok. Dokl. AN SSSR 138 no. 1:877-879 Je '61.

Effect of the chemical structure of alkyl benzenes on their adsorbability on silica gel [with summary in English]. E. A. Mikhailov and others. Zhur. fiz. khim. 34 no. 4:824-832 Ap '60.

Effect of the nature of the silica surface on its adsorptive properties. V. F. Kiselev, K. G. Krasil'nikov. Probl. kin. i kat. 10:115-120 '60.

Olefin-substituted silicas as active fillers of polymers [with summary in English]. I. F. Neimark, A. A. Chuiko, I. B. Slinkova. Vysokom. soed. 3 no. 5:711-715 My '61.

Rare earth silicates. Report No. 1: New silicates in the La_2O_3 - SiO_2 system. N. A. Toropov, I. A. Bondar'. Izv. AN SSSR Otd. khim. nauk no. 5:739-744 My '61.

Thermal dehydration of silica and certain properties of its surface. A. V. Bondarenko, V. F. Kiselev, G. K. Krasil'nikov. Dokl. AN SSSR 136 no. 5:1133-1136 F '61.

Use of the factorial method for investigating the possibilities of perspiration absorption by silica gel in airtight rubber footwear. N. A. Aliavdin, V. G. Sidorov. Izv. vys. ucheb. zav., tekh. leg. prom. no. 1:118-123 '60.

SILICATES

Effective means of preparing a silicate substance. V. G. Zhadinskii. Strol. mat. 7 no. 4:29 Ap '61.

Photosorption of oxygen and structure of the surface of silicate catalysts. Iu. P. Solonitsyn. Probl. kin. i kat. 10:292-293 '60.

Silicate waters and their place in the horizontal hydrochemical zonality. K. V. Filatov. Dokl. AN SSSR 138 no. 3:663-666 My '61.

SILICON

Effect of copper on recombination processes in heat-treated silicon. M. I. Iglitsyn, V. N. Mordkovich. Fiz. tver. tela 3 no. 3:979-980 Mr '61.

Effect of silicon activation by fast neutrons during activation logging of bauxite deposits. V. A. Belykh and others. Izv. AN SSSR, Ser. geofiz. no. 6:917-921 Je '61.

SILICON—ISOTOPES

Separation of silicon isotopes by monosilane rectification. G. G. Devisylkh, G. K. Borisov, A. M. Pavlov. Dokl. AN SSSR 138 no. 2:402-404 My '61.

SILICON—SPECTRA

Spectrochemical determination of small amounts of aluminum and silicon in niobium pentoxide [with summary in English]. T. M. Moroshkina, G. F. Malinin. Zhur. anal. khim. 16 no. 2:245-247 Mr-Ap '61.

SILICON ALLOYS—ELECTRIC PROPERTIES

Recombination in silicon alloyed with gallium, indium, and antimony. IA. E. Pokrovskii, K. I. Svistunova. Fiz. tver. tela 3 no. 3:757-767 Mr '61.

SILICON-ALUMINUM ALLOYS see Aluminum-silicon alloys

SILICON CARBIDE

Cellular carborundum (from "Materials in Design Engineering" no. 1, 1959). M. I. Ampol'skii. Ogneupory 25 no. 5:240 '60.

Test batch of carborundum refractory materials bonded with silicon nitride. N. I. Voronin and others. Ogneupory 26 no. 4:157-163 '61.

SILICON CHLORIDE

Mutual solubility in the system silicon tetrachloride - acetonitrile. S. S. Alikberov and others. Zhur. fiz. khim. 34 no. 4:935-936 Ap '60.

SILICON-CHROMIUM ALLOYS see Chromium-silicon alloys

SILICON CRYSTALS

Revealing inhomogeneities of impurity distribution in silicon single crystals. M. G. Milvidskii, A. V. Berkova. Zav. lab. 27 no. 5:557-559 '61.

SILICON IN THE BODY

Amount of silicon in the blood, tissues, and urine of patients with silicosis. Z. K. Beglova, A. I. Alekseeva. Trudy Inst. kraev. pat. AN Kazakh. SSR 8:21-24 '60.

SILICON-IRON see Ferrosilicon

SILICON-IRON ALLOYS see Iron-silicon alloys

SILICON-MANGANESE ALLOYS see Manganese-silicon alloys

SILICON-NICKEL ALLOYS see Nickel-silicon alloys

SILICON ORGANIC COMPOUNDS

Petrov, A. D., and others. [Synthesis of organosilicon monomers] Sintez kremniiorganicheskikh monomerov. Moskva, Izd-vo Akad. nauk SSSR, 1961. 559 p.

Silane derivatives with hydrocarbon bridges between silicon atoms. Polymerization of 1, 1-dimethylsilacyclopentane. V. M. Vdovin and others. Dokl. AN SSSR 136 no. 1:96-99 Ja '61.

Treatment of staple fiber suiting with the GKZh-94 preparation. M. M. Dianich. Tekst. prom. 20 no. 3:61-62 Mr '60.

Unsaturated organosilicon polyesters and properties of lacquers based on them. D. N. Andreev and others. Zhur. prikl. khim. 34 no. 3:594-598 Mr '61.

Waterproofing of fabrics with organosilicon compounds. N. V. Kalugin. Tekst. prom. 20 no. 3:58-61 Mr '60.

SILK MANUFACTURE

(see also subdivision under Riga)

The history of silk manufacture in Russia before the Reform of 1861. P. IA. Bukshpan. Ist. SSSR 5 no. 3:143-150 My-Je '61.

New method of determining the speed rate in the unwinding of cocoons on automatic machines operating on the principle of thread tension. E. D. Rubinov. Izv. vys. ucheb. zav.; tekh. teks. prom. no. 2:49-57 '61.

SILK MANUFACTURE—TECHNOLOGICAL INNOVATIONS

Mechanization of labor-consuming production processes at the "Krasnaia Krutil'shchitsa" Silk Factory. IU. D. Ivanov, S. L. TSeitlin. Mekh. i avtom. proizv. 15 no. 5:23-25 My '61.

SILKWORMS

Publication of registered discoveries by the Committee on Inventions and Discoveries of the Council of Ministers of the U. S. S. R. TSitologiia 2 no. 2:259 Mr-Ap '60.

SILKWORMS—DISEASES AND PESTS

Effectiveness of antibiotics in bacterial diseases of the silkworm and in increasing productiveness. I. K. Afriklan and others. Dokl. AN Arm. SSR 32 no. 3:155-158 '61.

SILLANPÄÄ, FRANS EEMIL, 1888-

The Finnish writer; on the works of Frans Eemil Sillanpää. I. Martsina. Inostr. lit. no. 3:221-223 Mr '60.

SILOXANE

Mechanism of the catalytic polymerization of cyclic dimethylpolysiloxanes. Part 4 [with summary in English]. V. N. Gruber, L. S. Mukhina. Vysokom. soed. 3 no. 2:174-176 F '61.

New siloxane rubbers. Kauch. i rez. 20 no. 4:62 Ap '61.

Polycondensation as a method of producing polydialkylsiloxane and polyalumodialkylsiloxane elastomers. K. A. Andrianov and A. A. Zhdanov. Dokl. AN SSSR 138 no. 2:361-364 My '61.

SILT

Silt accumulation in reservoirs built on rivers which carry fine suspended matter. I. I. Levi. Izv. VNIIG 65:3-22 '60.

SILT—MICROBIOLOGY

Role of the silt microflora of stagnant waters in the migration of cobalt in biogeochemical provinces with different concentrations of this element. S. V. Letunova. Trudy Biogeokhim. lab. no. 11:100-110 '60.

SILVER—ANALYSIS

Polarographic determination of silver on a platinum rotating electrode. I. A. Kedrinskii. Zav. lab. 27 no. 5:548-549 '61.

SILVER—ISOTOPES

Preparation of silver-111 from neutron-irradiated palladium. V. I. Levin, N. G. Serebrennikov, I. V. Mozhaeva. Radiokhimiia 2 no. 1:90-126 '60.

Sorption of radioelements from solutions. Part 1. Sorption of Ag^{110}, P^{32}, and Zr^{95} on a fluoroplated glass surface. L. E. Starik, N. G. Rozovskaia. Radiokhimiia 3 no. 2:144-149 '61.

SILVER BROMIDE

Effect of desensitizers on the photoelectrochemical effect of silver bromide. K. K. Demidov, L. A. Popova. Zhur. nauch. i prikl. fot. i kin. 6 no. 3:161-163 My '61.

SILVER-CADMIUM ALLOYS—METALLOGRAPHY

X-ray and mechanical investigation of variable structure in the AgCd (50 at. percent) alloy. S. T. Shevtsova, N. A. Kogovtsova. Fiz. met. i metalloved. 11 no. 4:549-551 Ap '61.

SILVER IODIDE

Methods of seeding clouds with reagents to promote their modification. V. N. Balabanova, G. I. Vladov. Izv. AN SSSR Ser. geofiz. no. 6:951-952 Je '61.

SILYL GROUP

Effect of the character of the silyl group on the rate of dehydrochlorination of some β- and γ-chloroalkylchlorosilanes by piperidine. V. F. Mironov, V. V. Nepomnina. Izv. AN SSSR Otd. khim. nauk no. 5:920-921 My '61.

SIMFEROPOL—SEISMOLOGY—OBSERVATORIES

Pulse of the earth. Mykola Bondarenko. Ukraina no. 10:15-16 My '61.

SIMONOV, KONSTANTIN MIKHAILOVICH, 1915-

K. Simonov's war sketches. L. V. Zhidkova. Ikh sb. MGPI 97:253-264 '59.

SINGERS see subdivision under Moscow

SINGERS, UKRAINIAN

His role. Mykola Kladkovyi. Ukraina no. 11:20 Je '61.

P. H. Tychyna on folk singers. F. I. Lavrov. Nar. tvorch. ta etn. 5 no. 1:63-68 Ja-F '61.

SINGING—INSTRUCTION AND STUDY

(see also subdivision under Moscow)

On the training of singers. E. Krestinskii. Sov. muz. 25 no. 6:141-144 Je '61.

SINGLE-LENS REFLEX CAMERAS

Miniature reflex camera. S. Leiman. Sov. foto 21 no. 5:38-39 My '61.

SINKIANG—SALINE AND ALKALI SOILS

Sodium carbonate salinization in southern Sinkiang [with summary in English]. V. V. Egorov. Pochvovedenie no. 5:1-12 My '61.

SINKIANG PROVINCE see Sinkiang-Uigur Autonomous region

SINKIANG-UIGUR AUTONOMOUS REGION—DESERT FLORA

Some characteristics of the vegetative cover of Kashgaria. P. S. Pasin. Bot. zhur. 45 no. 4:583-586 Ap '60.

SINKIANG UIGUR AUTONOMOUS REGION—ECONOMIC GEOGRAPHY

"Natural conditions of Sinkiang." Reviewed by L. Kh. Ovdienko. Priroda 50 no. 6:121 Je '61.

SINTERING

At the Chelyabinsk Metallurgical Research Institute. F. F. Kolesanov, A. N. Morozov. Stal' 20 no. 7:593, 610 Jl '60.

At the Yenakiyevo Metallurgical Plant. A. G. Malinovskii, A. S. Bubii. Stal' 20 no. 7:593, 610 Jl '60.

Automatic control of the sintering process [with summary in English]. V. S. Abramov, A. G. Mikhalevich. Stal' 21 no. 6:481-486 Je '61.

Behavior of arsenic in the process of preparing fluxed and nonfluxed sinters. Z. I. Nekrasov, A. G. Ul'ianov. Trudy Inst. chern. met. AN URSR 12:144-157 '60.

Determining sintering temperatures of highly refractory masses. S. G. Tresviatskii. Ogneupory 25 no. 5:232-233 '60.

Effect of technological factors on the properties and mineralogical composition of fluxed sinter [with summary in English]. D. A. Kissin, V. P. Pevnov. Stal' 20 no. 7:570-583 Jl '60.

SINTERING (Continued)
Effect of the addition of certain cations on the sintering of spectrally pure magnesium oxide P P Budnikov, T N. Keshishian, V K IAnovskii, Dokl AN SSSR 148 no 2 365-368 My '63.
Improving the sintering process. A. P. Riazantsev, IU. V. Simakov, S. V. Bazilevich. Metallurg 6 no. 3 4-5 Mr '61.
Investigating the process of iron ore sintering in weal magnetic fields V V Chekin, V P Romanov Trudy Inst chern. met AN URSR 12 101-105 '60
Investigating the process of preparing fluxed sinter of varying basicity from brown kerch ore Z I Nekrasov, A. G Ul'ianov Trudy Inst chern met AN URSR 12 114-128 '60.
Investigation of metal bonding processes. Part 2. R. I. Garber, L. M. Politkov. Fiz. met. i metalloved. 11 no. 5 730-740 My '61.
Isolating a limited number of factors in measuring relations. N. N. Semikov. Nauch. zap. Len. fin. -ekon. inst. no. 19 12-33 '59.
Magnetic properties of sinters from concentrates prepared by the roasting and magnetic separation of brown kerch ore. V V Chekin Trudy Inst chern met AN URSR 12 129-134 '60
Mastering the sintering of Dashkesan ores as acceptable charge for open-hearth furnaces [with summary in English]. S. I. Malyshev and others. Stal' 20 no 7 584-590 Jl '60.
Newly designed laboratory sintering unit. M. V. Balakhin. Stroi. mat. 7 no. 4:35-36 Ap '61.
Pavlushkin, N. M. [Sintered corundum] Spechennyi korund. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 206 p.
Physical principles of determining the magnetic properties of sinters in the average field area V V Chekin Trudy Inst. chern. met AN URSR 12 79-88 '60
Relation of the composition and properties of sinters to fuel consumption. Z. I. Nekrasov, V V Chekin, N A Gladkov. Trudy Inst chern met AN URSR 12 89-100 '59.
Role of magnesia in the caking of fluxed sinter made of brown kerch ore concentrates prepared by roasting and magnetic separation. A. G Ul'ianov, N I Efanova Trudy Inst. chern met AN URSR 12 145-144 '60
Use of electron metal detectors in sintering plants [with summary in English]. D. P. Pritykin. Stal' 21 no. 6: 490-492 Je '61.

SIRUPS
Continuous saccharification of starch in the starch and sirup industry S. F. Kravchenko Sakh. prom. 35 no 5 55-61 My '61.
Galkina, G. V. [Production of table sirups] Proizvodstvo stolovykh patochnykh siropov. Moskva, Pishcheprom-izdat, 1960. 50 p.
Production of sirups with a low content of reducing substances. B. K Bychkov Sakh. prom 34 no 5 46-48 My '60.
Production of table sirups. I. D. Sinel'nikov. Sakh. prom. 34 no. 5 52-55 My '60.

SITENKO, MIKHAIL IVANOVICH
"Mikhail Ivanovich Sitenko" by V. S Kostrikov, A P Skoblin Reviewed by V I. Selivanov, V I Prozhiga Sov zdrav 20 no 4 79-81 '61

SITOSTEROL
β-Sitosterol. A. M. Khalotskii. Bum. prom. 36 no. 4:10-11 Ap '61.

SIVASH—ALGAE
Biology and biochemistry of Cladophora sivaschensis Meyer. N N Alfimov, A. I Proshkina-Lavrenko Dokl. AN SSSR 136 no 1 230-232 Ja '61

SIZEWELL, ENGLAND—ATOMIC POWER PLANTS
Atomic power plant in Sizewell (from "Nuclear Engineering," 6, No. 58, 7, 1961). E Karelin. Atom. energ. 10 no 5 536-537 My '61.

SKARNS
(see also subdivision under Kuznetsk Ala-Tau, Megri-Ordabad region; Siberia)
Gold-bearing skarns of the Natal'yevka deposit in the Mariinsk taiga (Kuznetsk Ala-Tau) V. A. Vlubleveskii Uch. zap. TGU no. 36:114-120 '60

SKATING RINKS see subdivision under Kiev

SKAVINSKII, N. A., 1910-
Entomologist honored. Zdrav. Belor. 6 no. 4:77 Ap '60.

SKIN
Age differences in the antigenic properties of the skin [with summary in English]. K. M. Akylbekov, I. I. Khvorostukhin. Biul. eksp. biol. i med. 51 no. 1:94-96 Ja '61.
Change in the connective tissue of the skin of embryos in hyperthyroidism in parturients [with summary in English]. V. P. Leitan Arkh anat. gist i embr. 40 no. 2:24-27 F '61
Cortical electrical responses in ontogenesis N N Dzidzishvili, T. D. Dzhavrishvili Fiziol zhur. 47 no 5 559-565 My '61.
Differentiation of symmetrical spots of the skin of dogs depending on the side of the action of unconditioned stimulation [with summary in English]. L N. Gavrilova. Zhur. vys. nerv. deiat. 10 no. 2 252-257 Mr-Ap '60.
Effect of Naftalan petroleum extract on changes in the epidermis after local ω-irradiation [with summary in English]. F. L. Lerles, I. V. Burshtein Biul. eksp. biol. i med. 51 no 3 121-125 Mr '61.
Fractionation of proteins of the skin Kh Kurbanov. Zdrav Turk. 5 no 2,6-9 Mr-Ap '61
Morphophysiological changes in certain skin areas of the genital system of a ram as related to age and castration G V. Ovsiannikov Dokl AN SSSR 138 no. 3. 684-685 My '61
Poliun', N. M. [Gas exchange through the skin and its importance for the human organism] Gazoobmen cherez kozhu i ego znachenie dlia organizma cheloveka. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960 176 p.
Reaction of thermoreceptors of the skin to local, reflex, and general temperature changes [with summary in English] L. M. Kuntilova. Biul. eksp biol i med 49 no 3 3-7 Mr '60.
Regeneration of the epidermis of the embryos of white rats [with summary in English] T F Grenberg Arkh anat gist i embr. 38 no 3 45-52 Mr '60
Specific features of the cuticle of aquatic larvae of insects as related to their conditions of life [with summary in English]. L. M. Semenova, A. N. Rodionova. Zhur. ob. biol. 22 no. 2:128-135 Mr-Ap '61.
Zones of primary skin reactions under the influence on the receptor apparatus of the coronary vessels and pericardium [with summary in English]. F. P. IAshovskaia Biul. eksp biol. i med. 51 no 3.8-13 Je '61

SKIN—BLOOD SUPPLY
Dermography in dysentery in children as an index of functional conditions of cutaneous vessels O N Alekseeva. Pediatriia no. 5 64-70 '61.
Reactions of cutaneous blood vessels to heat and cold in cattle A P Kostin, K G. Sukhomlin Fiziol zhur 47 no 3:329-335 Mr '61

SKIN—CANCER see subdivision under Gomel' Province

SKIN—DISEASES
Morphology of experimental streptococcal infection with a primary intradermal focus in rabbits [with summary in English] L. A. Rakhmanova and others Biul. eksp biol. i med. 50 no. 7:107-111 Jl '60.
On the problem of photodermatitis caused by Heracleum dulce A I Efremov Vest. derm i ven 35 no. 1,61-66 Ap '61.
"Reference book and methodological aid on infectious skin and venereal diseases (for rural subprofessional medical personnel)" by B.D. Pleinev, V. P. Sergeev. Reviewed by G. G. Kondrat'ev. Fel'd. i akush. 26 no. 5,62-63 My '61.
Some clinical and laboratory data on the use of cortisone and prednisone in the treatment of a number of dermatoses. R. G Gabitova Vest derm i ven 35 no. 4,36-39 Ap '61.
Treatment of certain skin diseases with chloethyl block and phytoncides Kh. A. Bozilian, R A. Bazian Vest. derm i ven 35 no 1:60-62 Ap '61

SKIN—INFLAMMATION
Characteristics of aseptic inflammation in the skin of white rats following repeated resections [with summary in English]. E V. Pravdnikov, G. A. Grokhol'skii, I G. Mikhailova. Vest. LGU 16 no. 9:140-144 '61.

SKIN—INNERVATION
Determination of the threshold of stimulation of the skin receptors by dysentery and typhoid antigens [with summary in English]. A. N. Gordienko and others. Biul. eksp. biol. i med. 49 no. 3:76-80 Mr '60.
Electrophysiological study of the dependence of the functional state of skin receptors in frogs on metabolism in the receptor field [with summary in English]. O. P. Dobromyslova. Biul. eksp. biol i med. 51 no. 1:13-17 Ja '61.

SKIN—SECRETIONS
Effect of cutaneous gland secretion in toads on various immunological properties of the organism [with summary in English]. V. I. Zakharov, N. V. Kolpikov, B. M. Kurtser. Biul. eksp. biol. i med. 19 no. 2.85-89 F '60.

SKIN—TUBERCULOSIS
Significance of the complement fixation reaction in clinical cutaneous tuberculosis. I N. Agapkin, T. A Lutsenko. Vest. derm i ven. 35 no. 4,44-47 Ap '61.

SKIN GRAFTING
Healing of a free skin graft during various periods of acute radiation sickness [with summary in English]. K. K. Zaitseva. Arkh anat. gist i embr. 39 no. 11 68-73 N '60.
Histological processes during homografts of preserved rabbit skin. L. B. Bertin, M. M. Nezdatnyi Dokl. AN SSSR 138 no 3:706-709 My '61
Skin as plastic material for interposition in arthroplasty of rigid joints; experimental study [with English summary in insert]. V. S. Balakina. Ortop. travm. i protez. 22 no 1.38-43 Ja '61.

SKIS AND SKIING
Advice to the skier. A. Alova. IUn. tekh. 5 no. 2:72-73 F '61
Calculation of preliminary results of competitions in ski jumping and ski racing with double features V K Nasimovich. Teor i prak fiz kul' 24 no 2 141-143 '61
Conducting exercises on skis with middle-aged and elderly people I P Donchenko Teor i prak fiz kul' 24 no 1 22-25 '61
Effect of aerodynamic characteristics on the range of ski jumps G R Nirenberg, M A Khimichev Teor i prak fiz kul' 24 no 1 32-37 '61
Effect of training at courses of various lengths on the improvement slalom skiers G A Petrosian Teor i prak fiz. kul' 24 no 1 39-42 '61
Experience in preparing skiers during the course of physical training of college students S I Semenova Teor i prak fiz. kul' 24 no 1 16-22 '61
Ski jumping during the summer. A. A. Stepanov, P. S. Rodionov. Teor. i prak. fiz. kul'. 24 no. 5 342-348 '61.

SKLIFOSOVSKII, NIKOLAI VASIL'EVICH, 1836-1904
Hundred and twenty-fifth anniversary of the birth of N V Sklifosovskii (1836-1961) V. V Kovanov Khirurgiia 37 no. 5 139-142 My '61

SKORINA, GEORGII (FRANTSISK), ca 1490-after 1535
"Skorina, his career and philosophy" by N A Alekseitovich Reviewed by V P Gritskevich Sov zdrav 20 no 4 78-80 '61

SKOVORODA, GRIGORII SAVVICH, 1722-1794
Newly discovered letters written by G. Skovoroda. P.M. Popov. Rad. lit. 5 no. 3:112-114 My-Je '61.

SKULL—DISEASES
Case of swelling of the frontal bone (from "Otolai Polska," no 1, 1958) Zhur ush., nos i gorl bol 20 no 1 88 Ja-F '60

SKURKO, IAUHEN, 1912-
Studying the lyric poems of M. Tank. A. Sovtak. Nar. asv. no. 3:64-74 Mr '61.

SKVORTSOV, VLADISLAV IRINARKHOVICH, 1879-1959
Vladislav Irinarkhovich Skvortsov (1879-1959) Vest AMN SSSR 11 no 5 93-94 '59.

SKVORTSOV-STEPANOV, IVAN IVANOVICH, 1870-1928
The story of an author's gift copy. E. Podvigina. Novyi mir 36 no. 4.210-213 Ap '60.

SLAG
Cascade method of producing slag pumice. G. V. Pukhal'skii, IU. E. Lepin, I. K. Zazharskii. Stroi. mat. 7 no. 4 13-14 Ap '61.
Characteristics of slag pumice and the principal ways of mass producing it. V. I. Ovsiankin, M. P. Elinzon. Stroi. mat. 7 no. 4 7-10 Ap '61.
Kartashov, N. A., and E. I. Tishchenko. [Building materials made of molten blast-furnace slags] Stroitel'nye materialy iz ognenno-zhidkikh domennykh shlakov. [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1960. 101 p.
The new slag minerals tseltosii and tsclianit. A V. Rudneva, T IA Malysheva Dokl AN SSSR 136 no 1 191-194 Ja '61.
Operating a slag pumice unit with a stationary tank at the Chelyabinsk Metallurgical Plant. M. K. Zil'ber and others. Stroi mat. 7 no. 4:10-12 Ap '61.
Studying the systems TiO_2 - SiO_2 - FeO and TiO_2 - CaO - FeO - Al_2O_3 - SiO_2 - MgO. E. B. Dmitrovskii, A. V. Rudneva, I. A. Kartashin. Trudy Inst. met. no 4 35-45 '60
Utilization of slag scale. V. V. Podgaetskii. Avtom. svar. 14 no. 6.93-94 Je '61.

SLAG—ANALYSIS
Effect of lime and fluorite on the viscosity of slags in the production of chromium-silicon alloys. N. L. Zhito. Stal' 21 no. 6:525 Je '61.

SLAG—TESTING
Physicochemical properties of titanium-magnesium slags with a high alumina content [with summary in English]. V. IA. Miller, N. M. Babushkin. Stal' 21 no. 5:391-397 My '61
Viscosity, crystallization processes, and the mineralogical composition of primary blast furnace slags. G. A. Sokolov. Trudy Inst. met. no. 4 46-52 '60.

SLAG CEMENT
Quality and sulfate resistance of slag portland cement. I. A. Sanadze. Nauch. soob. NIITSementa no. 7:30-35 '60.

SLATE see subdivision under Trebushany region

SLAVGOROD DISTRICT—COMMUNITY AND SCHOOL
Work for school and community. M. Marchenka. Nar. asv. no. 4:53-55 Ap '61.

SLAVIC ANTIQUITIES see subdivision under Ukraine

SOCIALIST COMPETITION (Continued)

Economic work is the concern of the entire collective. N. Gorlachev. Fin. SSSR 22 no. 5:54-60 My '61.

Economically in a businesslike way. Sov. profsoiuzy 17 no. 10 21-22 My '61.

Entering the tomorrow. K. Zakharov. Sov. profsoiuzy 17 no. 10 19-20 My '61.

Everything is our concern. V. Gurgal'. Sov. profsoiuzy 17 no. 10 24-25 My '61.

Expand socialist competition among accountants. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 5 2-4 My '61.

From the front lines of the seven-year plan. V. Zheltov. Sov. voin. 41 no. 6 20-21 Mr '60.

The future strides along with us. Sov. profsoiuzy 17 no. 10, 1-5 My '61.

Give your hand, comrade!. Angelina Lebedeva. Sov. profsoiuzy 17 no. 10:23 My '61.

A good reputation travels fast. N. Tatarskaia. Sov. profsoiuzy 17 no. 11, 16-19 Je '61.

A great campaign continues! S. Andreev. Sov. profsoiuzy 17 no. 11-27-29 Je '61.

Great power of progressive experience. G. Kuznetsov. Sov. potreb. koop. 5 no. 5:41-43 My '61.

Great results of Lenin's ideas on socialist competition. K. Kovyrzina. Komm. Mold. 5 no. 4:32-41 Ap '60.

A high title imposes obligation. N. Pozdnukhov. Nar. khoz. Kazakh. 19 no. 5, 34-36 My '61.

An honorary title must be earned. L. Kurkin and others. Sov. profsoiuzy 17 no. 10 17-18 My '61.

How to sum up the results of competition in squads? Komm. Vooruzh. Sil 1 no. 11:83-85 Je '61.

Improve economic indices of enterprise operations. G. Sotnikov. Plan. khoz. 38 no. 6 53-59 Je '61.

In the All-Union Central Council of Trade Unions. Sov. profsoiuzy 17 no. 10, 44-45 My '61.

Leaders. S. Demidov. Komsom. zhizn' no. 3:11-13 F '60.

"Leave your address..." N. Tatarskaia. Sov. profsoiuzy 17 no. 10 44-45 My '61.

Let's advance and strive for new achievements. Komm. Vooruzh. Sil 1 no. 12 55-58 Je '61.

Let's prepare a worthy welcome for the 22d Party Congress. F. Shakhov, V. Kozlov, V. Georgiev. Okhr. truda i sots. strakh. 4 no. 5:5-6 My '61.

Make the achievements of individual collectives available to the entire basin. G. Stepanenko, V. Ponomarev. Nar. khoz. Kazakh. 19 no. 5 39-44 My '60.

On the frontier of the seven-year plan. V. L'vov. Komsom. zhizn' no. 10 5-10 S '60.

Organization work gives greater strength to assumed obligations. A. Berezin. Avt. transp. 39 no. 4:3-5 Ap '61.

Our thoughts and our labor we dedicate to you, the party! A. Shvaiuk and others. Sov. profsoiuzy 17 no. 11 10-11 Je '61.

Outdistancing time. Akif Dzhafarov. Sov. profsoiuzy 17 no. 10 25 My '61.

Pledges must be fulfilled. Komsom. zhizn' no. 18, 11-12 S '60.

A public designing office. G. Sultanov, A. Mukanov. Nar. khoz. Kazakh. 19 no. 5 45-47 My '61.

Scouts of the future ("What it means to work and live in the communist way" by A. Karlov, A. Mukhamov, K. Semenov. Reviewed by IA. Arcat). Sov. profsoiuzy 17 no. 10: 46 My '61.

The searchers. A. D. Il'ichev. Sov. profsoiuzy 17 no. 10: 28-29 My '61.

Seven in five! It's practical. V. Saiushev, N. Solov'ev. Komsom. zhizn' no. 18, 1-5 S '60.

Socialist competition as the economic principle of socialism. V. M. Gusev. Vest. Mosk. un. Ser. 8 Ekon., filos. 15 no. 1-3-21 '60.

Socialist obligations construction and assembly, and planning and research units and of industrial enterprises of the Ministry of Construction of the Russian Federation for 1961. Mont. i spets. rab. v stroi. 23 no. 4:1-2 Ap '61.

Socialist pledges of the employees of the All-Union Scientific Research Institute of Agricultural Economics. Dokl. i soob. VNIESKH no. 8:13-16 '60.

Structural steel workers on high buildings. Evgenii Vorob'ev. Sov. profsoiuzy 17 no. 10 30-36 My '61.

Twenty-second Congress of the CPSU deserves a worthy reception. Avt. dor. 24 no. 3:6 Mr '61.

We shall welcome the party congress in the communist way. Sov. profsoiuzy 17 no. 11:1-2 Je '61.

Well-tried method of the development of communism. Sov. potreb. koop. 5 no. 5:2-5 My '61.

Wherein lies man's real beauty. A. Ulesov. Sov. profsoiuzy 17 no. 10:9-12 My '61.

Work and live in the communist way. Sov. torg. 33 no. 4:20-22 Ap '60.

Work valor of the collective. M. Sakhnovskii. Sov. profsoiuzy 17 no. 10:12 My '61.

SOCIALIST COMPETITION—BIBLIOGRAPHY see Bibliography—Socialist competition

SOCIALIST PARTIES
(see also subdivision under Great Britain)

Against the ideology of right-wing socialists ("Crisis of the reformist illusions of democratic socialism" by D. G. Bol'shov, V. V. Midtsev, L. A. IAkovleva. Reviewed by A. P. Sertsova, V. I. Shishkina). Vop. filos. 15 no. 5 168-171 '61.

Ideological and political crises of social democracy. K. Mudanik. Mir. ekon. i mezhdunar. otn. no. 6 93-103 Je '61.

SOCIALIST PARTIES—CONGRESSES

At the Socialist Congress in Copenhagen. I. Maiskii. Novyi mir 36 no. 4:151-166 Ap '60.

The Socialist International in the blind alley of anticommunism. A. Usviatsov. Mir. ekon. i mezhdunar. otn. no. 6 101-107 Je '61.

SOCIALIST PROPERTY

Gamaiunov, M. V. [Merging of the two forms of socialist property] Sblizhenie dvukh form sotsialisticheskoi sobstvennosti. Moskva, Izd-vo "Znanie," 1961. 35 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 5, Sel'skoe khoziaistvo, no. 7)

SOCIOLOGY

Theoretical barrenness of present-day bourgeois sociology. M. Parnuk. Kommunist Ukr. 36 no. 5 66-74 My '61.

SOCIOLOGY—RESEARCH

General session of the Soviet Sociological Association [with summary in English, p. 185]. V. V. Kolbanovskii, G. A. Slesarev. Vop. filos. 15 no. 5 150-154 '61.

SOCIOLOGY, RURAL see subdivision under Gorkiy Province

SODIUM

Bipolar action of a wire diaphragm in electrolyzers used for preparing metallic sodium from low-melting chloride electrolytes. K. IA. Grachev, E. I. Adaev. Zhur. prikl. khim. 33 no. 10, 2368-2371 O '60.

SODIUM—ANALYSIS

Determination of sodium in aluminum alloys with the aid of a sodium glass electrode. R. S. Cherniak. Zav. lab. 27 no. 5 536-537 '61.

Quantitative determination of potassium and sodium in some biological liquids by means of flame photometry. A. A. Krokhalev. Lab. delo 7 no. 5 12-14 My '61.

SODIUM—ISOTOPES

Change in the time of the reflex reaction during the action of small doses of internal irradiation. V. P. Godin. Fiziol. zhur. 47 no. 2, 230-236 F '61.

SODIUM ALUMINATE

Decomposition of β-$2CaO \cdot SiO_2$ with sodium alkali solutions of sodium aluminate. N. V. Dronadov, M. F. Malyshev. Zhur. prikl. khim. 33 no. 10:2357-2359 O '60.

SODIUM CARBONATES

Biological genesis of salinity in meadow soils of the Kura-Aras Lowland. G. A. Biuanovskii. Uch. zap. AGU. Biol. ser. no. 3 53-58 '60.

SODIUM CHLORIDE—PHYSIOLOGICAL EFFECT

Problem of functional changes in the spinal cord of frogs during stimulation of the optic thalami with sodium and magnesium salts. V. F. Shirokii. Fiziol. zhur. 47 no. 5 575-581 My '61.

SODIUM FLUOSILICATES

Intensifying the process of clinker firing using sodium fluosilicate additives. N. V. Shakhmagon, N. N. Nikolaichik. Nauch. soob. NIITSementa no. 9:13-18 '60.

Using sodium fluosilicate as a mineralizer at the Krichev Cement Factory. O. K. Ateshina. Nauch. soob. NIITSementa no. 7:1-4 '60.

SODIUM METABOLISM

Determination of potassium and sodium in blood and in water by means of flame photometry. M. V. Nifontova. Lab. delo 7 no. 5:8-12 My '61.

SODIUM MOLYBDATE

Effect of sodium molybdate on the catalytic decomposition of hydrogen peroxide in the presence of dichromate [with summary in English]. E. Z. Nanobashvili. Zhur. fiz. khim. 34 no. 4 742-747 Ap '60.

SODIUM ORGANIC COMPOUNDS

Hydrogenation of sodium polybutadiene. A. I. IAkubchik, B. I. Tikhomirov, L. N. Mikhailova. Zhur. prikl. khim. 34 no. 3 652-655 Mr '61.

SODIUM PHENYL PHOSPHATE

Kinetics of sodium phenyl phosphate hydrolysis by alkaline phosphatase [with summary in English]. A. P. Brestkin and others. Biokhimiia 26 no. 2:226-275 Mr-Ap '61.

SODIUM SULFATE

Mutual solubility in the quaternary system H_3BO_3—Na_2SO_4—$MgSO_4$—H_2O at 50° C. E. G. Konobritskii, A. B. Bekturov. Izv. AN Kazakh. SSR. Ser. khim. no. 2: 10-15 '60.

Mutual solubility in the quaternary system H_3BO_3 — Na_2SO_4 — $MgSO_4$-H_2O at 25° C. E. G. Konobritskii, A. B. Bekturov. Izv. AN Kazakh. SSR. Ser. khim. no. 2: 16-20 '60.

SODIUM SULFIDE

Boiling points of sodium sulfide solutions. IU. P. Karetnikov, V. N. Tarasova, K. P. Zhidileva. Zhur. prikl. khi. 34 no. 3 682-684 Mr '61.

SOFIA—COLLEGE SPORTS

Sofia prepares for the "Universiade." Vsem stud. po. 15 no. 3 3-4 F '61.

SOGDIAN MANUSCRIPTS see Manuscripts, Sogdian

SOIL, MINERALS IN see Minerals in soil

SOIL ACIDITY

Curves of the potentiometric titration of soil suspensions in anhydrous solvents [with summary in English]. N. K. Krupskii, A. M. Aleksandrova, IU. V. Gorbun'. Pochvovedenie no. 5:106-110 My '61.

SOIL BINDING

Stabilizing the banks of a dirt roadbed by planting grass. P. I. Minin, V. I. Gritsyk, M. G. Khramov. Transp. stroi. 11 no. 4 34-36 Ap '61.

SOIL BIOLOGY—BIBLIOGRAPHY see Bibliography—Soil biology

SOIL CEMENT

Concrete made of soil cement and its use in road construction. V. Bezruk, L. Gurevich. Zhil.-kom. khoz. 11 no. 2 6-8 '61.

SOIL CHEMISTRY

Activity of saccharase in the soil [with summary in English]. A. A. Nizova. Mikrobiologiia 30 no. 1:105-109 Ja-F '61.

SOIL CHEMISTRY—BIBLIOGRAPHY see Bibliography—Soil chemistry

SOIL CONSERVATION
(see also subdivision under Desna Valley, Soviet Central Asia)

Let's preserve and increase our mountain resources. A. V. Ermakov, V. E. Iogansen. Priroda 50 no. 6 60-63 Je '61.

Protect the fertility of soil. D. Armand. IUn. tekh. 5 no. 2:12-16 F '61.

SOIL FAUNA

"Soil colemperans; supplement No. 7 to the bulletin 'Life and environment' (in French) by Henri Gisffant. Reviewed by K. V. Arnol'di. Zool. zhur. 40 no. 5: 792-793 '61.

SOIL FERTILITY

Changes in the fertility of irrigated meadow-bog soils [with summaries in English, German, and French]. N. K. Baliabo, T. P. Lasukova, S. G. Vasil'eva. Vest. sel'khoz. nauki 6 no. 5:31-38 My '61.

Chechaev, A. E. [Soils and soil fertility] Pochvy i pochvennoe plodorodie. Moskva, Izd-vo "Znanie," 1961. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii, no. 1)

Nauchno-metodicheskoe soveshchanie po povysheniiu plodorodiia legkikh pochv. Minsk, 1959. [Materials of the Conference on the Methods of Research on Increasing the Fertility of Light Soils] Materialy. Moskva, Izd-vo M-va sel. khoz. SSSR, 1960. 471 p. (DA)

SOIL FERTILITY—BIBLIOGRAPHY see Bibliography—Soil fertility

SOIL FORMATION

Role of algae in soil formation. N. N. Bolyshev. Vest. Mosk. un. Ser. 6 Biol., pochv. 16 no. 2 67-75 Mr-Ap '61.

SOIL FREEZING

Choice of a plan for freezing during the construction of drifts. S. A. Marshak. Izv. vys. ucheb. zav., gor. zhur. no. 2:36-40 '60.

Man'kovskii, G. I., and others. [Methods of calculating the basic parameters of rock freezing processes in shaft sinking with the help of a hydraulic integrator] Metodika rascheta s pomoshch'iu gidrointegratora osnovnykh parametrov protsessa zamorazhivaniia gornykh porod pri prokhodke shakhtnykh stvolov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 53 p.

Tiutiunov, I. A. [Introduction to the theory of the formation of frozen rocks] Vvedenie v teoriiu formirovaniia merzlykh porod. Moskva, Izd-vo Akad. nauk SSSR, 1961. 108 p.

SOIL INOCULATION see subdivision under Ukraine

SOIL MECHANICS

Calculating the settling of extended structures with a foundation of soil strata of unlimited thickness. I. F. Zlatoverkhovnikov. Trudy TSNIIMF 7 no. 32:17-25 '61.

Calculation of the stabilized settling of unconsolidated ground due to natural weight [with summary in English]. B. S. Degil'. Inzh.-fiz. zhur. 4 no. 5:85-90 My '61.

Conference on the problems of creep and long-term strength of clayey soils. IA. L. Kogan, V. A. Ioselevich. Osn., fund. i mekh. grun. 3 no. 2:27-29 '61.

AVIC LANGUAGES—ADJECTIVE
An erroneous theory on the origin of the article of compound adjectives in the Slavic languages. A. I. Tolkachev. Uch. zap. Smol. gos. ped. inst. no. 9 59-67 '58.

AVIC LANGUAGES—NOUNS
A study of the formation of the oldest type of diminutive nouns in Slavic languages. N. S. Shapochnikova. Vest. Mosk. un. Ser. 7. Filol., zhur. 15 no. 2 71-76 Mr-Ap '60.

AVIC LITERATURE—HISTORY AND CRITICISM
A few observations on an article written by Riccardo Picchio. D. S. Likhachev. Trudy ODRL 17 675-678 '61.
Lenin's theory of party spirit in literature and the development of social realism in the literatures of foreign Slavic countries. D. F. Markov. Krat. soob. Inst. slav. no. 31:50-68 '61.

AVIC PHILOLOGY
(see also subdivision under Ukraine)
Coordinative conference on contemporary problems of Slavic philology. V. I. Shevchuk. Bud. lit. 5 no. 3 152 My-Je '61.

AVIC STUDIES
(see also subdivision under Italy; Ukraine)
The coordination of Slavic studies. P. M. Kalenychenko. Ukr. ist. zhur. 5 no. 3:150-154 My-Je '61.
The First Coordinating Conference on the Current Problems of Slavic Studies. N. P. Bobrik. Krat. soob. Inst. slav. no. 31:137-140 '61.
International Seminar of Slavists held in Warsaw and the jubilee in honor of Maria Konopnicka. L. Z. Tsybenko. Vest. Mosk. un. Ser. 7. Filol., zhur. 16 no. 1 85-88 Ja-F '61.
Results of the Fourth International Congress of Slavists and further prospects for the work of the International Committee of Slavists. V. V. Vinogradov. Krat. soob. Inst. slav. no. 31 92-108 '61.

AVOPHILISM
How Granovskii struggled against the Slavophiles. L. A. Ushakova. Uch. zap. TGU no. 31 191-197 '59.

EEP
Effect of sleep deprivation on the electrical activity and other indices of the activity of the animal brain. G. L. Fel'dman. Fiziol. zhur. 47 no. 2:169-177 F '61.
Enzymatic decomposition of glycogen in the liver in medication sleep [with summary in English]. L. A. TSeitlin. Vop. med. khim. 6 no. 2 169-175 Mr-Ap '60.
Neurohormonal factors in the development of sleep [with summary in English]. A. V. Tonkikh. Zhur. vys. nerv. delat. 10 no. 2:285-290 Mr-Ap '60.

EEP—THERAPEUTIC USE
Use of electric anesthesia and electrically induced sleep under experimental conditions and in the surgical clinic. R. L. Syrkina. Trudy 1-go MMI 3 154-165 '57.

IDE RULE
Cardiologarithmic rule. V. G. Zhukov. Uch. zap. UrGU no. 35:37-39 '59.
Use of slide rules in the eight-year school. I. B. Veitsman. Mat. v shkole no. 3:9-13 My-Je '61.

OVAK LITERATURE—BIBLIOGRAPHY see Bibliography—Slovak literature

OVAKIA—ETHNOLOGY—PERIODICALS
Slovensky Narodopis." Vols. 1-6. Sov. etn. no. 2:187-190 Mr-Ap '60.

OWACKI, JULIUSZ, 1809-1849
"Juliusz Slowacki and the Ukraine" by Ilryhorii Verves. Reviewed by M. IA. Hol'berg. Rad. lit. 5 no. 2 142-144 Mr-Ap '61.

UICE GATES
Calculation of Finke's automatic shutters for level maintenance in the forebay. F. A. Nikitina. Trudy SANIIRI no. 100:77-119 '60.
Use of epoxy resins instead of babbit in sluice gate structures. A. Pirogov. Rech. transp. 20 no. 3 33-34 Mr '61.

UICES see subdivision under Volga-Don Canal; Volga River, Ust'-Kamenogorsk

UDYANKA—FLOODS
Flash flood near Lake Baikal. V. P. Solonenko. Priroda 50 no. 5:61-64 My '61.

ELL
Olfactometer based on the principle of ejection. A. V. Luzina, K. A. Luzin. Vest. otorin. 22 no. 1:79-81 Ja-F '60.

ELTING see subdivision under Dneprodzerzhinsk

ELTING—CONGRESSES
All-Union Conference on the Production of Semikilled Steel. B. S. Kurapin, A. A. Kazakov. Metallurg 6 no. 6:18-19 Je '61.

SMELTING FURNACES
Nesterenko, S. L. [Guide to safety measures in laying, repairing, and lining steel-smelting furnaces] Pamiatka po tekhnike bezopasnosti dlia kamenshchikov po kladke, remontu i obmurovke staleplavil'nykh pechei. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959. 101 p. (Tekhnika bezopasnosti)
Using magnesia concrete and brick blocks for lining electric steel smelting furnaces. A. A. Pirogov and others. Ogneupory 26 no. 4:176-180 '61.
Using refractory tips in controlling the temperature of the lining of steel smelting arc furnaces with thermocouples. IU. L. Efroimovich. Ogneupory 26 no. 1:181-184 '61.

SMELTING FURNACES—EQUIPMENT AND SUPPLIES
Changing the design of molds for sampling. V. P. Emel'ianov. Metallurg 6 no. 5:22 My '61.
Spiral-type lining of 200 -ton steel pouring ladles. N. A. Rokhlin. Stal' 21 no. 5 412 My '61.

SMIDOVICH, VIKENTII VIKENT'EVICH, 1867-1945
A monograph on Veresaev ("V. V. Veresaev, his life and work") by G. Bronman. Reviewed by L. Plotkin). Novyi mir 36 no. 5 252-254 My '60.

SMIRNOV, ALEKSEI ALEKSEEVICH, 1895-
Aleksei Alekseevich Smirnov; on his 65th birthday. IU. V. Bukin and others. Arkh. anat. gist. i embr. 10 no. 2 126-127 F '61.

SMIRNOV-LASTOCHKIN, IVAN FEDOROVICH, d. 1919
Outstanding Bolsheviks and disciples of Lenin ("M. K. Muranov" by Klavdiia Drozdova, I. F. Smirnov-Lastochkin" by S. Gertsman. Reviewed by P. M. Shmorhun). Ukr. ist. zhur. 4 no. 2 166-167 Mr-Ap '60.

SMIRNOVA, OL'GA PAVLOVNA, 1886-1959
In memory of O. P. Smirnova; obituary. Vop. psikh. i nevr. no. 5 305-307 '59.

SMOG
Blue ghost. L. Bobrov. Tekh. mol. 29 no. 4:24-26 Ap '61.

SMOKE
Determining the coefficient of turbulent exchange by the contour of smoke issuing from factory smokestacks. M. E. Berliand. Meteor. i gidrol. no. 6, 13-20 Je '61.

SMOKED FISH see Fish, Smoked

SMOKEHOUSES—FIRES AND FIRE PREVENTION see subdivision under Novosibirsk

SMOLENSK PROVINCE—COURTS
Housing conflicts in Smolensk Province courts. G. Starodubtsev. Sov. iust. no. 10 7-9 My '61.

SMOLENSK PROVINCE—FIRES AND FIRE PREVENTION
Relying on the support of public cooperation; in place of a report on the conference in Smolensk. V. Polidomin-skii. Pozh. delo 7 no. 3:5-7 Mr '61.

SMOLENSK PROVINCE—NEWSPAPER AND PERIODICAL CIRCULATION
There is poor distribution of printed matter in Smolensk Province. I. Lebedev. Raspr. i pech. no. 4:10 Ap '61.

SMOLENSK PROVINCE—REPAIR AND SUPPLY STATIONS
Electric welding should be used in rural areas too. A. TSyganov. Mol. komm. no. 5 41-44 My '61.

SMUGGLING
Smuggling. IA. Mieteskii. Ogonek 39 no. 21:30-31 My '61.

SMUTS
Ways to eliminate wheat smut in spring wheat. M. G. Enikeev. Shkola i proizv. 5 no. 5 76-78 My '61.

SMUUL, JUHAN, 1922-
Newspaper work of a high quality. N. Kuznetsov. Sov. pech. no. 5:11-13 My '61.

SNAKE POISONS see Venom

SNAKES—PARASITES see Parasites—Snakes

SNOW see subdivision under Antarctic regions; Mirnyy region, Antarctica; Vostok region, Antarctica

SNOW—THERMAL PROPERTIES see subdivision under Antarctic regions

SNOW FENCES
Basic considerations in planning snow fences at mining enterprises beyond the Arctic Circle. I. V. Usevich. Gor. zhur. no. 3:21-24 Mr '60.

SNOW REMOVAL
Changes in chapter II-B. 1 of "Construction norms and regulations." Stroi. mekh. i rasch. soor. 2 no. 2:46 '60.

SNOW SURVEYS
(see also subdivision under Siberia)
Theoretical basis for the technique of snow surveys in fields with snow-retaining barriers. A. A. Okushko, G. I. Borisoglebskii. Trudy TSIP no. 107:23-29 '61.

SOAKING PITS see Furnaces, Heating

SOAPWART
Biology of the germination of soapwart seeds. A. V. Poptsov. Biul. Glav. bot. sada no. 39 42-47 '60.

SOBKO, VADYM MYKOLIOVYCH, 1912-
A novel on youth ("We only dream of peace"); a novel by V. Sobko. Reviewed by M. Blinkova). Novyi mir 36 no. 4 271-274 Ap '60.

SOCCER
The soccer season is near. A. Bronshtein. Uzbekistan 19 no. 1 24 Ap '60.

SOCHI—ARBORETUMS
Sochi, Nauchno-issledovatel'skaia opytnaia stantsiia subtropicheskogo lesnogo i lesoparkovogo khoziaistva. [Sochi Arboretum, a guidebook] Sochinskii dendrarii; putevoditel'. Moskva, Izd-vo M-va sel'. khoz. SSSR, 1960. 78 p.
[MICROFILM]

SOCHI—HEALTH RESORTS, WATERING PLACES, ETC
Let's make a model of our health resort. N. Romanov. Okhr. truda i sots. strakh. 4 no. 5:26-27 My '61.

SOCIAL CONFLICT see subdivision under Germany, United States

SOCIAL ETHICS see subdivision under Tashkent

SOCIAL GROUP WORK see subdivision under Dmitrov District; Gorkiy Province; Kherson Province; Khmel'nitskiy Province, Ostrog District; Pryazha District, Ukraine

SOCIAL INSURANCE see Insurance, Social

SOCIAL INTERACTION
Correlation of society and the individual under socialism. V. A. Mal'kov. Biul. SNO IGU no. 2 3-12 '59.

SOCIAL PROBLEMS
Against those who shun work. Sov. deput. trud. no. 6 39-40 Je '61.
He who does not work neither shall he eat. Sov. iust. no. 11:1-2 Je '61.
There are no loafers in our village. F. Petrenko. Sov. deput. trud. no. 6:75-77 Je '61.

SOCIAL PSYCHOLOGY
Social progress and the individual. V. Denisov, IU. Derbinov. Uch. zap. MGPI 161 55-83 '61.

SOCIAL SCIENCES
Akademiia nauk SSSR. [A compendium of Saint-Simon's teachings. Translated from the French] Izlozhenie uchenila Sen-Simona. Moskva, 1961. 806 p.
The Marxist conception of society as a subject. E. S. Zhatikov, G. M. Ivanov. Uch. zap. TGU no. 31 178-190 '59.

SOCIAL SCIENCES—BIBLIOGRAPHY see Bibliography—Social sciences

SOCIAL SCIENCES—PERIODICALS see subdivision under Uzbekistan

SOCIAL SCIENCES—STUDY AND TEACHING
(see also subdivision under Bashkiria)
The moral character of a future physician is formed in his student years. V. V. Trofimov. Vest. vys. shkoly 19 no. 5:81-86 My '61.
Teaching the course on the fundamentals of political sciences. E. I. Monoszon. Sov. pedag. 25 no. 5 17-28 My '61.

SOCIALISM
(see also subdivision under Germany)
"The renewal of socialism" [in French] by Eduard Depreux. Reviewed by G. Agabekov. Mir. ekon. i mezhdunar. otn. no. 6:152-154 Je '61.

SOCIALIST COMPETITION
(see also subdivision under Brest Province; Communist Countries; Gomel; Kazakhstan; Korea, North; Kuznetsk Basin, Minsk, Moscow; Perm, Pinsk, Tiraspol' District; Uzbekistan; Virgin Territory; White Russia; Yaroslavl Province)
At the front lines of the struggle for the agricultural upsurge. A. Karavaev. Vop. ekon. no. 5 126-131 My '61.
At the level of the last year of the seven-year plan. A. Vartanian, B. Odtashvili. Nar. khoz. Kazakh. 19 no. 5:30-33 My '61.
Bonuses to the best rural workers. Komsom. zhizn' no. 17:20-22 S '60.
The carrying out of socialist obligations is everybody's business. Komm. Ukr. 36 no. 5:2-8 My '61.
Communist Youth League drive for corn. Komsom. zhizn' no. 3:7-10 F '60.
Communist Youth League members set the tone. V. Mashkov, N. Dronov. Komsom. zhizn' no. 15/16:39-45 Ag '60.
Competitors need support and attention. K. Svetov. Avt. transp. 39 no. 5:9-10 My '61.

SOIL MECHANICS (Continued)

Determining soil density with gamma rays. M. G. Lazabnikov, V. I. Ferronskii, L. V. Solivanov. Avt. dor. 24 no. 3, 24-25 Mr '61.

Determining the modulus of soil compression from weight by volume and humidity. A. P. Legat. Izv. vys. uchebn. zav., gor. zhur. no. 3 22-29 '60

Determining the resistance to digging with bulldozer blades. V. I. Bilovnev. Izv. vys. ucheb. zav., mashinostr. no. 1 115-120 '60.

Effect of friction forces along side walls on the rate of pressure of a loose medium. V. V. Sinel'nikov. Trudy MIIT no. 131 49-56 '61.

Experimental investigation of the formation of sliding lines in a loose medium. V. V. Sinel'nikov. Trudy MIIT no. 131 17-48 '61.

Laboratory method of determining the modulus of displacement of cohesive soils of nature texture. V. P. Erykhov. Izv. VNIIG 63:185-200 '60

Power effect of water on the structure of sand during nonstationary percolation. I. V. Gorelik. Izv. VNIIG 65 215-219 '60

Sliding of earth pastes along a wall. V. V. Sremenko. Izv. AN Uz. SSR no. 9 49-58 '56

"Soil management in construction." Book review. Osn. fund. i mekh. grun. 3 no. 2:31 '61

SOIL MECHANICS—BIBLIOGRAPHY see Bibliography—Soil mechanics

SOIL MICRO-ORGANISMS

(see also subdivision under Ukraine)

Distribution of soil actinomycetes. K. I. Andriiuk. Mikrobiol. zhur. 23 no. 1 75-80 '61.

How forest plantations of different composition affect microbiological processes in leached Chernozems. F. V. Runov, I. E. Mishustina. Trudy Lab. lesoved. 1 86-126 '60

Perfil'ev, B. V., and D. R. Gabe. [Capillary methods of studying micro-organisms] Kapillyarnye metody izucheniia mikroorganizmov. Moskva, Izd-vo Akad. nauk SSSR, 1961. 534 p.

SOIL MICRO-ORGANISMS—BIBLIOGRAPHY see Bibliography—Soil micro-organisms

SOIL MOISTURE

(see also subdivision under Irtysh Valley, Karkar Valley; Kura Lowland, Rostov Province)

Akademiia nauk SSSR. Institut merzlotovedeniia. [Heat exchange and mass transfer in frozen soils and rocks] Teplo- i massoobmen v merzlykh pochvakh i gornykh porodakh. Moskva, 1961. 110 p.

Atoms test soil. O. Andreev. Tekh. mol. 29 no. 4:18 Ap '61.

Determining soil moisture characteristics of drainage basins from hydrometeorological data. E. S. Zmieva. Trudy TSIP no. 99 41-52 '61.

Effect of conifer and hardwood species on physical properties and water balance of leached Chernozems. S. V. Zonn, E. A. Kuz'mina. Trudy Lab. lesoved. 1 145-201 '60

Effect of thinning on the water balance of soils and the growth of extensive forest plantations in the arid steppe [with summary in English]. A. N. Stupnikova, I. I. Sudnitsyn, V. G. Stupnikov. Pochvovedenie no. 5 61-68 My '61.

Moisture balance of the dark brown soils of walnut forests [with summary in English]. N. S. Lobodinova. Pochvovedenie no. 5, 21-33 My '61.

Optimum water balance of rice fields in the period from sowing to the emergence of sprouts. Il. M. TSukerman. Nauk. pratsi Ukr. nauk.-dosl. inst. zrosh. zeml. 1:168-200 '59.

Rapid determination of the optimum moisture of compacted soil. V. I. Shtepkin. Avt. dor. 24 no. 1 21 Ap '61.

Salt and moisture cycles in leveed areas. S. A. Valdychenskii. Nauch. dokl. vys. shkoly, biol. nauki no. 2 221-225 '61.

Studies on evaporation and evaporability, their practical significance and the inadequacy of the statements of Prof. V. I. Vitkevich [with summaries in English, German, and French]. D. I. Shashko. Vest. sel'khoz. nauki 6 no. 5:121-128 My '61.

SOIL MOISTURE—MEASUREMENT

Results of soil moisture measurement with the ohmic soil moisture meter. E. S. Zmieva, T. T. Makarova. Trudy TSIP no. 99 33-40 '61.

SOIL PARTICLES

Nature of the accumulation of available forms of nitrogen in fractions of water-resistant macroaggregates isolated from soils. T. P. Savina, L. M. Burlakova. Nauch. dokl. vys. shkoly; biol. nauki no. 2, 226-231 '61

SOIL PERCOLATION

Comparative characteristics of the water permeability of soils of various moisture [with summary in English]. N. N. Konovalov, A. A. Popov. Pochvovedenie no. 6 104-105 My '61.

Depression curve associated with a nonfree percolation during injection into a soil unsaturated by water. V. V. Ivakin. Trudy Gor.-geol. inst. UFAN SSSR no. 32:343-355 '59.

Effect of electroosmotic filtration on gravity filtration. I. N. Donetskaia. Gidr. i mel. 13 no. 5, 46-50 My '61.

Study of planned filtration. A. V. Stul'kevich. Izv. VNIIG 61,263-268 '60.

Study of planned pressureless percolation in hydraulically linked layers. B. I. Aravin, A. V. Stul'kevich. Izv. VNIIG 65,83-90 '60

Uginchus, A. A. [Computing percolation through earth dams] Raschet fil'tratsii cherez zemlianye plotiny. Moskva, Gos. energ. izd-vo, 1960. 140 p.

SOIL PHYSICS

(see also subdivision under Ukraine)

Methods for determining the swelling of packed soils. G. G. Saarichian. Pochvovedenie no. 5:110-111 My '61.

SOIL PHYSICS—BIBLIOGRAPHY see Bibliography—Soil physics

SOIL RESEARCH

Scientific work in the Department of Soil Geography. N. N. Sokolov. Vest. LGU 16 no. 9 156-157 '61.

SOIL STABILIZATION

"Artificial strengthening of soils." Book review. Osn., fund. i mekh. grun. 3 no. 2 31 '61

Radiometric control of the compaction of the roadbed. V. G. Firstov. Avt. dor. 24 no. 4 22-23 Ap '61.

Stabilizing gravelly soils with cement. V. I. Smykov, R. A. Ivanov. Avt. dor. 24 no. 3 23 Mr '61.

Stabilizing sandy soils by grouting with vibration-ground cements. I. R. Arabadzhian, A. N. Adamovich. Izv. VNIIG 64,215-229 '60

SOIL TEMPERATURE

(see also subdivision under Nakhichevan A. S. S. R.)

Reducing the pregermination death of seeds on thermophylic plants at low temperatures [with summary in English]. L. A. Nezgovorov, Sh. I. Ibragimov, A. K. Solov'ev. Fiziol. rast. 8 no. 3 361-370 '61

SOILS

(see also subdivision under Maritime Territory; Siberia, Southern Bug Valley, Tashauz Province; Tomsk Province, United Arab Republic)

Arkov, S. P. [Soils of the forest-meadow zone of the U. S. S. R.] Pochvy lesolugovoi zony SSSR. Moskva, Izd-vo Akad. nauk SSSR, 1961. 317 p. (DA)

Soil and plow. V. Zheligovskii, L. Sobolev, G. Chikaliki. Znan. sila 36 no. 2 2-5 F '61.

SOILS—ANALYSIS

Curves of the potentiometric titration of soil suspensions in anhydrous solvents [with summary in English]. N. K. Krupskii, A. M. Aleksandrova, Iu. V. Gorban'. Pochvovedenie no. 5:106-110 My '61.

Granulometric analysis of clay soils by means of a separatory funnel. A. P. Nifantov. Vop. gidrogeol. i inzh. geol. no. 18:106-109 '59.

Laboratory equipment for experimental and practical purposes [with summaries in English, German, and French]. S. V. Kristi. Vest. sel'khoz. nauki 6 no. 5, 117-120 My '61.

Let's learn how to make the analysis of soil. N. Shelaputina. Iun. tekh. 5 no. 2:30-32 F '61

Magnitskii, K. P., Iu. A. Shugarov, and V. K. Malkov. [New methods of plant and soil analysis] Novye metody analiza rastenii i pochv. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 239 p.

Preparation of clay soils for granulometric analysis. A. P. Nifantov. Vop. gidrogeol. i inzh. geol. no. 18: 93-105 '59.

SOILS—BIBLIOGRAPHY see Bibliography—Soils

SOILS—BORON CONTENT see subdivision under Kazakhstan

SOILS—CLASSIFICATION see subdivision under Azerbaijan

SOILS—COMPOSITION

Functional diseases and variability of plants resulting from the excess or deficiency of macro- and microelements in different biogeochemical provinces. M. IA. Shkol'nik. Trudy Biogeokhim. lab. no. 11 33-42 '60.

Role of soil composition in the accumulation of various elements by plants. L. A. Ezdakova, M. A. Risb, V. I. Ezdakov. Izv. AN Uz. SSR no. 12, 63-69 '56.

SOILS—LEAD CONTENT see subdivision under Armenia; Transbaikalia

SOILS—MICROBIOLOGY

(see also subdivision under Carpathian Mountains)

Biological activity of some soil types in the Soviet Union (determined by the intensity of CO_2 production). B. N. Makarov, V. P. Ignatova. Dokl. AN SSSR 138 no. 2:437-439 My '61.

Effect of organic fertilizers derived from by-products of the petroleum industry on the yield of raw cotton and soil microflora [in Azerbaijani with summary in Russian]. G. S. Kasimova, A. A. Guseinov. Uch. zap. AGU Biol. ser. no. 4 21-31 '60.

Mechanism of the action of bacterial fertilizers. I. I. Rubenchyk. Mikrobiol. zhur. 24 no. 1 3-8 '61

Soil bacteria as a possible source of new antitumor substance [with summary in English]. I. G. Toropova. Antibiotiki 6 no. 2 105-107 F '61.

SOILS—NITROGEN CONTENT

Effect of green manure on humus and nitrogen concentration in turf-Podzolic soils [with summary in English]. I. V. Tiurin, V. K. Mikhnovskii. Izv. AN SSSR. Ser. biol. no. 4 337-351 My-Je '61

Nature of the accumulation of available forms of nitrogen in fractions of water-resistant macroaggregates isolated from soils. T. P. Savinina, L. M. Burlakova. Nauch. dokl. vys. shkoly, biol. nauki no. 2 226-231 '61

SOILS—PERMEABILITY

Porosity of typical irrigated sierozems at the Akkabak Central Farming Station as related to the role of grass in cultivation. L. B. Smolina. Uzb. biol. zhur. no. 2 58-65 '60

SOKOLOV, BORIS PAVLOVICH

Scientist and plant breeder. M. V. Blinkova. Vest. sel'khoz. nauki 6 no. 5:137-140 My '61.

SOKOLOV, PETR ANDREEVICH, 1900-

Petr Andreevich Sokolov, on his 60th birthday. K. A. Lavrov, P. F. Makletsov, S. A. Rodzhanov. Arkh. anat. gist. i embr. 39 no. 7 124-125 Jl '60

SOKOLOV (KHARKOV PROVINCE)—MILITARY MUSEUMS

Where the Czechoslovak People's Army got its baptism of fire. O. M. Kuts. Ukr. ist. zhur. 5 no. 3 161-162 My-Je '61

SOLANINE

Use of acetate in the biosynthesis of chaconine and solanine in potato sprouts [with summary in English]. A. R. Guseva, M. G. Borikhina, V. A. Paseshnichenko. Biokhimiia 25 no. 2 282-294 Mr-Ap '60

SOLAR BATTERIES

Solar batteries. M. S. Sominskii. Nauka i zhizn' 28 no. 4:37-41 Ap '61.

Table clock with power supply from a light source. B. I. Eliseev, E. I. Uvarov. Priborostroenie no. 5 13-14 My '61.

SOLAR ECLIPSES see Eclipses, Solar

SOLAR ENERGY

Ideas and inventions. Znan. ta pratsia no. 2 23 F '61

Man harnesses the sun. Znan. ta pratsia no. 5:6-8 My '61.

Meet the semiconductors ("The key to the sun" by E. Borisov, I. Plakhovii. Reviewed by S. Lilish). Znan. ta pratsia no. 5 9 My '61.

Solar energy. D. Ostritskii. Uzbekistan 19 no. 2,18 F '60.

SOLAR PLEXUS

Materials for a study of the nerve apparatus of the parietal pleura. Role of the solar plexus in the innervation of the parietal pleura. Kh. N. Amirov. Arkh. anat. gist. i embr. 38 no. 1 101-103 Ja '60.

SOLAR PLEXUS—DISEASES

Changes in the spine in chronic solaritis; abstract. D. N. Vaisfel'd, I. S. Poliak. Ortop. travm. i protez. 22 no. 1 84 Ja '61.

SOLAR RADIATION

Comparing some methods for long-wave radiation measurement. L. N. Dzhachenko. Trudy GGO no. 109 96-99 '61

Long-wave balance at some points of the U. S. S. R. F. F. Borashkova. Trudy GGO no. 109 25-37 '61

Relation of weather and climatic characteristics with the radiational temperature of the underlying surface. N. P. Bogdanova, A. N. Lebedev. Trudy GGO no. 109 38-52 '61

Streams of short-wave radiation in the free atmosphere. N. P. Piatovskaia. Trudy GGO no. 109 133-149 '61

Weakening of solar radiation along a vertical line in the ocean. A. A. Pivovarov, V. S. Lavoko. Vest. Mosk. un. Ser. 3. Fiz., astron. 15 no. 6 59-63 N-D '60.

SOLAR RADIATION—PHYSIOLOGICAL EFFECT

Influence of high external temperature in the surrounding environment and of solar radiation on the external secretory function of the pancreas. Report No. 1. A. S. Sadykov, M. V. Enikeev. Med. zhur. Uzb. no. 4:23-25 Ap '61.

Influence of stimulation of the mechanoreceptors in the gastrointestinal tract on some blood indexes at high temperature. R. T. Vakhidova. Med. zhur. Uzb. no. 4: 31-34 Ap '61.

Zoolytic and phytolytic activity of gastric juice under conditions of external temperature and solar radiation. M. E. Islamova. Med. zhur. Uzb. no. 4:27-31 Ap '61.

SOLDER AND SOLDERING

New method for soldering on hard-alloy plates. P. I. Butkevich. Mashinostroitel' no 5 20 My '60

SOLDER AND SOLDERING—REPAIRING

How to repair an electric soldering iron. I Anderson Shkola i proizv 5 no 5 71 My '61

SOLDIERS—RECREATION see subdivision under Transcarpathia

SOLIDS—DENSITY—MEASUREMENT

"Measuring the density of liquids and solids" by S. S. Kivilis. Reviewed by M D Ippat Izm tekh no 5 62-63 My '60

SOLIDS, EFFECT OF RADIATION ON

Mechanism of the effect of preliminary irradiation on the rate of thermal decomposition of solids. V V. Boldyrev Zhur. fiz. khim. 35 no. 4:950-952 Ap '61.

SOLONCHAK SOILS see subdivision under Fergana

SOLONETZ SOILS see subdivision under Ukraine

SOLOTH SOILS see subdivision under Semipalatinsk Province

SOLOVETSKIYE ISLANDS—BOTANICAL GARDENS

Botanical garden in the White Sea region. P. V. Vilkov. Priroda 50 no. 6 91-92 Je '61.

SOLOV'EV, ZINOVII PETROVICH, 1876-1926

Z. P. Solov'ev in the period of the first Russian revolution. G N. Perfil'ev Sov zdrav 20 no 1 50-55 '61

SOLOV'EVA, ANASTASHA IVANOVNA

Laborer, community worker, mother. B. Liguladze. Okhr. truda i sots. strakh 4 no. 5:31-33 My '61.

SOLUBILITY

Desolubilization of hydrocarbons from solutions of naphthenic acid soaps and potassium laurinate I' A Demchenko, A V Dumanskii Dokl AN SSSR 136 no 5:1139-1141 F '61

Mutual solubility of zinc and lithium in the β-phase of the Mg - Zn - Li system in solid state. Trudy Inst. met. no. 4:200-207 '60.

Solubility isotherms at 0°C in ternary systems $NaBH_4$ - NaCl - H_2O and $NaBH_4$ - NaBr - H_2O. V I Mikheeva, V. B. Breitsis. Dokl AN SSSR 136 no 5 1093-1095 F '61

Solubility isotherms of the system $LaCl_3$ - KCl - H_2O, $NdCl_3$ - KCl - H_2O, $LaCl_3$ - NH_4Cl - H_2O, and $NdCl_3$ - NH_4Cl - H_2O at 25° Z N Shevtsova, L I Zhizhina, L. E Eltsberg. Izv vys ucheb. zav , khim i khim tekh 4 no 2 176-179 '61

Solubility isotherms of the systems $PrCl_3$ - KCl - H_2O and $PrCl_3$ - NH_4Cl - H_2O at 25° and 50° Z N. Shevtsova, G N. Kulichkina, A. N Fedorova Izv vys ucheb zav , khim i khim tekh 4 no. 2 178-179 '61

SOLUTION (CHEMISTRY)

Applicability of Allen's model to the radiolysis of aqueous solutions V G, Firsov, B. V Ershler Dokl AN SSSR 138 no 4 884-885 Je '61

Conversion of solutes in the radiolysis of aqueous solutions [with summary in English]. M. A. Proskurnin, V. D. Orekhov, A. I. Chernova. Zhur. fiz. khim. 35 no. 4: 920-926 Ap '61.

SOLUTION (CHEMISTRY)—ELECTRIC PROPERTIES

Determining the concentration of solutions used in fur manufacture by their electric conductivity. Z. N. Charukhina and others. Nauch -issl. trudy NIIMP no. 9:56-70 '59.

SOLUTIONS (PHARMACY)

Character of absorption of parentally administered saline solutions in experimental shock [with summary in English]. L. A. Il'inskii. Biul. eksp. biol. i med. 51 no. 2:21-23 F '61.

SOLUTIONS, SOLID

Antiferroelectric properties of certain solid solutions formed on the basis of $PbMg_{1/2}W_{1/2}O_3$. G. A. Smolenskii, N. N. Krainik, A. I Agranovskaia. Fiz. tver. tela 3 no. 3:981-990 Mr '61

Change of isobaric potential during formation of KI - RbI solid solutions at 25°C [with summary in English]. L. L. Makarov, D. IU. Stupin. Zhur. fiz. khim. 35 no. 4:743-747 Ap '61.

Characteristics of the thermodynamics of interstitial solid solutions with body-centered cubic lattices. N. S. Fastov. Dokl. AN SSSR 138 no. 2.344-347 My '61.

Chemical aspects of the solid solutions in metal alloys. N. V. Grum-Grzhimailo. Trudy Inst. met. no 4:175-188 '60.

General laws governing the stabilization of beta-phase solid solutions in titanium alloys. N. V. Ageev, L. A. Petrova. Dokl. AN SSSR 138 no. 2.359-360 My '61.

Investigating a pseudobinary section of ZnSb-CdSb by the Debye method. IA. L. Giller, V E. Shmaevskii, D. I. Vadets. Fiz. met. i metalloved 11 no. 2:311-313 F '61.

Possibility of forming solid solutions in some four-component systems [with summary in English] N A Goriunova, A V. Voitsekhovskii, V D Prochukhan Vest LGU 16 no 10 156-158 '61

Solubility of vanadium carbide in gamma iron. N A. Savostianova, L. A. Shvartsman. Fiz. met. i metalloved. 9 no 4 515-519 Ap '60.

Theory of the behavior of concentrated heterogeneity in regular solid solutions G I Krasko, B IA Lubov Fiz met i metalloved 11 no 2 186-193 F '61

X-ray and electric investigation of solid solutions in the system $PbTiO_3$ - $SrSnO_3$ S. A. Fedulov and others Fiz tver tela 3 no 3 959-963 Mr '61.

SOLVATION

Spectrophotometric study of the structure of solvated ions in solutions and the degree of their stability under irradiation. L. L. Vnukhtem, I. I Antipova-Karataeva. Izv Sib otd. AN SSSR no 3 38-45 '61.

SOLVENTS

Effect of organic solvents on the properties of carboxyl cation exchanger Lou Chzhi-sian' [Lou Chih-hsien], E M Savitskaia, B P Bruns Dokl AN SSSR 136 no 1 151-154 Ja '61

SONAR

Accuracy of sound velocity corrections to values of depths measured by echo-sounding A N Tarasov Inform biul Sov antark eksp no 24 43-47 '60

SONATAS see subdivision under Moscow

SONGS see subdivision under Japan; Kazakhstan

SONGS—HISTORY AND CRITICISM

Contemporary of October. I. Genina. Sov muz 25 no. 5,80-82 My '61

Looking foward to the song of the future. V. Solov'ev-Sedoi Sov muz 25 no 5.64-66 My '61

The Nikon school of songs in the form of verse. A V Pozdneev Trudy ODRL 17 419-428 '61

On those who compose songs. IU. Militin. Sov. muz. 25 no. 6:80-83 Je '61.

People await songs. A. Pakhmutova. Sov. muz. 25 no. 6:84-88 Je '61.

"... And a song and verse are a bomb and banner..." Sov muz 25 no 5 63 My '61

SONGS, UKRAINIAN
(see also subdivision under Tyachev District; Volyn' Province)

Folkloric sources of the songs of Ukrainian amateur composers H P Stadnyk Nar tvorch ta etn 4 no 4 10-51 O-D '60.

A source of A. P. Dovzhenko's creative work I. L Soroka. Nar tvorch. ta etn. 5 no.1 89-91 Ja-F '61.

SORGHUM

New device for the castration of sorghum. B. N. Malinovskii, V. N. Malinovskii. Agrobiologiia no. 3.473-474 My-Je '61.

Nitrogen-containing substances in sorghum (Andropogon sorghum Brot). V. G Klimenko, G G. Gol'denberg Biokhim zerna no 5 211-227 '60

Results obtained from experiments with sweet sorghum and grain sorghum. L. F. Nekrasova. Nauk. pratsi Ukr. nauk. -dosl. inst. zrosh. zeml. 1:73-81 '59.

SORPTION

Selective sorption on porous glasses. S P. Zhdanov, I. V Koromal'di Dokl AN SSSR 138 no. 4:870-873 Je '61.

Study of the sorption properties of the cerebral cortex of white mice in hematogenic tuberculosis. M D Shkol'nikova. TSitologiia 2 no 2 153-160 Mr-Ap '60

Technique of specimen preparation for studying the chemisorption of gases on metals by infrared spectroscopy [with summary in English]. V. I. Lygin, N. N. Kavtaradze, E. G. Boreskova. Zhur. fiz. khim. 35 no. 4:932-933 Ap '61.

SORTING DEVICES

Concentrating limestone with the aid of a mechanical classifier. A. A. Sametskhchev and others. Strol. mat. 7 no. 4:23-26 Ap '61.

SOSNITSKAIA, MARIIA DMITRIEVNA

Mariia Dmitrievna taught this. N. Romova. Ogonek 30 no. 22:6-7 My '61.

SOSNOVKA DISTRICT—PENSIONS

Follow-up on unpublished letters. Sots. obesp. 22 no. 5:58-59 My '61.

SOTSKII, FEDOR IVANOVICH

The highest decoration. A. Kochetkov. Sov. voin. 41 no. 6:2-3 Mr '60.

SOUND

Some integral relations in the acoustics of a moving medium. L. M. Liamshev. Dokl. AN SSSR 138 no. 3: 575-578 My '61.

SOUND—BIBLIOGRAPHY see Bibliography—Sound

SOUND—CONGRESSES

Meeting of the International Commission on Acoustics Akust zhur 6 no.1 137 '60.

Third International Congress on Acoustics. B D. Tartakovskii Akust. zhur 6 no.1 134-137 '60

SOUND—RECORDING AND REPRODUCING

Standardization of sound recording and reproducing apparatus. V. I. Glazunova. Tekh. kino i televid. 5 no. 5-28-36 My '61.

SOUND—RECORDING AND REPRODUCING—BIBLIOGRAPHY see Bibliography—Sound—Recording and reproducing

SOUND—SPEED

Hydrogen bond and the velocity of sound propagation in liquids A F Lutskii, A N Panova Akust zhur 6 no.1 126-128 '60

Plotting of entropy diagrams based on experimental data on sound velocity. I. I. Novikov, IU S Tiselin Atom. energ. 10 no 5 519-521 My '61.

Sound velocity and the compressibility of aqueous solutions of pyridine [with summary in English]. Pen Zhou [Peng Jou] Vest LGU 16 no 10 61-69 '61

Velocity of sound in gas media with relaxation processes. E. S. Shchetinkov. Izv. vys. ucheb. zav., av tekh 3 no. 2:110-117 '60.

SOUND—TRANSMISSION

Applicability range of the "smooth" perturbation method in the problem of wave propagation in an irregular medium. V. V Pisareva Akust. zhur 6 no.1 87-91 '60.

Effective dynamic parameters of inhomogeneous media associated with the propagation of sound waves I. A Ratinskaia Akust. zhur 6 no 1 128-131 '60

"Physical acoustics and the properties of solids" by W P Mason. Reviewed by A. I. Poliakova. Akust zhur. 6 no. 1 142-143 '60

Propagation of low frequency sound in shallow water V. S. Grigor'ev, F I Kriazhev. Akust zhur. 6 no.1 31-42 '60.

SOUND WAVES

Differential frequency thresholds as a function of the duration of tonal pulses Lian Chzhi-an' [Liang Chih-an], L A Chistovich. Akust. zhur. 6 no.1 81-86 '60

Effect of high external pressure on the destruction of the material in the treatment of solids with sound V O. Mal'chenok, I. A Utkin Akust zhur. 6 no 1 120 '60

Experimental investigation of cylindrical focusing systems. I. N. Kanevskii Akust. zhur. 6 no 1:123-124 '60.

Finite-amplitude flexural waves retaining their profile form during propagation M A Isakovich Akust zhur. 6 no.1 121-122 '60.

Instruments for plotting refracted rays. O. P. Gaikin, V. S. Grigor'ev. Akust. zhur. 6 no 1 23-29 '60.

Measurement of the diffusivity of a sound field in rooms with the aid of a directional microphone V V. Furduev, Chen Tun Akust zhur. 6 no 1 107-115 '60.

Normal modes associated with flexural vibrations of a plate. IU. K. Konenkov. Akust zhur 6 no 1 57-61 '60.

One method for determining the front width of an acoustic wave of a nearly saw-toothed form. L K. Zarembo Akust. zhur 6 no 1 13-46 '60

Rayleigh-type flexural wave. IU. K Konenkov. Akust. zhur. 6 no.1 124-126 '60

Sound field in the focal plane of convergent spherical beams. B. D. Tartakovskii. Akust. zhur 6 no. 1: 96-100 '60.

Surface resonance on a sinusoidal surface. IU. P. Lysanov. Akust. zhur. 6 no.1 77-80 '60.

Transient emission of sound from a piston. A. A. Kosparianis. Akust. zhur. 6 no. 1:52-56 '60.

SOUND WAVES—DAMPING

Acoustic properties of gravel Z. N. Naumenko. Prom. aerodin. no 18,12-20 '60.

Calculating the damping of low-frequency sound waves in straight coated channels G. D Maliuzhinets, R D Filippova. Prom. aerodin no 18 3-11 '60.

SOUND WAVES—DIFFRACTION

Diffraction of a plane sound wave incident at an arbitrary angle on an infinite cylindrical cavity in an elastic medium V V. Tiutekin. Akust. zhur. 6 no. 1:101-106 '60.

Diffraction of (short) sound waves relative to an obstacle (cylinder, sphere, cone, or plane) P. I TSoi Prikl mat i mekh. 25 no 2 365-369 Mr-Ap '61

SOUND WAVES—SCATTERING

Scattering of sound waves on the uneven surface of an elastic body. D. S. Grasiuk. Akust. zhur. 6 no. 1: 30-33 '60.

SOUNDING AND SOUNDINGS

Shallow depth signaling device for the echo sounder "Reka" V. Vlasov, IU. Berezentsev. Rech. transp. 20 no. 3.53-54 Mr '61

SOUNDPROOFING

Akademiia stroitel'stva i arkhitektury SSSR. Institut stroitel'noi fiziki i ograzhdaiushchikh konstruktsii [Soundproofing residential and public buildings] Zvukoizoliatsiia zhilykh i obshchestvennykh zdanii, sbornik statei pod red. V. N. Nikol'skogo Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam 1961. 127 p.

SOUTH AFRICA, UNION OF

Unborn republic. Nov. vrem. 19 no. 24:2 Je '61.

SOUTH AFRICA, UNION OF—POLITICS AND GOVERNMENT

Secession of the South African Union from the British Commonwealth of Nations. A. Milchakovskii. Mir ekon. i mezhdunar otn. no. 6 67-76 Je '61.

SOUTH AFRICA, UNION OF—SHAFT SINKING

Sinking a shaft 948 m. in 100 days in a mine in the Union of South Africa. S. P. Mikhalenkov. Shakht. strol. 5 no. 4:33 Ap '61

SOUTH AFRICA, UNION OF—URANIUM INDUSTRY

The extraction of thanium in the Union of South Africa. A. S. Pokrovskii. Irkut. soob. Inst. vost. no. 11 23-42 '59.

SOUTH KAZAKHSTAN PROVINCE—PLASTICS

Information. Nar. khoz. Kazakh. 19 no. 5:95-96 My '61.

SOUTH KOREA see Korea, South

SOUTHEAST ASIA COLLECTIVE DEFENSE TREATY

Vladimirov, S. A. [Imperialist military blocs are a treat to peace] Imperialisticheskie voennye bloki - ugroza miru. Moskva, Izd-vo "Znanie," 1961. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 7, Mezhdunarodnaia, no. 10)

SOUTHERN BUG VALLEY—AGRICULTURE

Brief description of the Southern Bug floodlands and measures for their improvement. I. S. Zhovtonoh. Nauk. pratsi Ukr. nauk.-dosl. inst. zrosh. zeml. 1 201-217 '59.

SOUTHERN BUG VALLEY—SOILS

Brief description of the Southern Bug floodlands and measures for their improvement. I. S. Zhovtonoh. Nauk. pratsi Ukr. nauk.-dosl. inst. zrosh. zeml. 1 201-217 '59.

SOUTHWEST AFRICA—DIAMOND MINES AND MINING

Baring operations in the diamond mines of Africa. V. V. Davydov, V. V. Davydov. Shakht. strol. 5 no. 4:30-32 Ap '61.

SOUTH GOLODNAYA-STEPPE CANAL—SPILLWAYS

Results of hydraulic laboratory investigations of the reconstructed head regulator of the South Golodnaya-Steppe Canal. K. B. Dadabaev Trudy SANIIRI no 106: 3-8 '60.

SOVEREIGNTY

"The problem of national sovereignty in the U. S. S. R." by Iu. G. Sadnitsyn. Reviewed by S. S. Kravchuk. Vest. Mosk. un. Ser 10 Pravo 15 no. 2:68-72 Ap-Je '60.

SOVETSKAYA GAVAN'—SAILORS (NAVY)

With sailors of Sovetskaya Gavan' T. Gorbunov. Komsom. zhizn' no. 15/16 55-57 Ag '60.

SOVIET BLOC see Communist Countries

SOVIET CENTRAL ASIA—AGRICULTURE

Two Central Asiatic works on the history of farming practices. M. A. Abdurakimov. Izv. AN Uz. SSR no 6: 103-108 '58

SOVIET CENTRAL ASIA—ALGAE

Zonal distribution of algae in the mountain waters of Central Asia A. M. Muzafarov Izv. AN Uz SSR no. 11 63-68 '56.

SOVIET CENTRAL ASIA—ATMOSPHERE

Correlative ties between the temperature and geopotential of certain principal isobaric surfaces in the free atmosphere over Central Asia. Kh. Khafizov. Izv. AN Uz. SSR. Ser. fiz.-mat. nauk no. 2:79-87 '61.

SOVIET CENTRAL ASIA—ELECTRIC POWER

Dividing the republics of Central Asia into districts on the basis of power requirements. V. P. Zakharov Izv. AN Uz. SSR no 7:35-43 '56.

SOVIET CENTRAL ASIA—ETHNOLOGY

Lenin's national policy at a new historical stage; on the problem of the development of the socialist nations of Central Asia on the path to communism [with summary in English]. T. A. Zhdanko. Sov. etn. no. 2:7-20 Mr-Ap '60

SOVIET CENTRAL ASIA—FERTILIZERS AND MANURES

Use of soil-type fertilizers in Central Asia. S. F. Lazarev. Izv. AN Uz. SSR no. 10:35-44 '56.

SOVIET CENTRAL ASIA—FISH CULTURE

Interrepublic conference on the pond fish culture. N. A. Stepanova. Uzb. biol. zhur. no. 2:60 '61.

SOVIET CENTRAL ASIA—FLUOCERITE

Fluocerite from deposits of Central Asia V. N. Zuev, A. V. Kostern. Trudy Inst. min., geokhim. i kristallokhimii redk. elem. no. 3 151-153 '59

SOVIET CENTRAL ASIA—FORAMINIFERA, FOSSIL

Phylogeny of the series Gaudryina-Gaudryinella. I. S. Sulelmanov. Vop. mikropaleont. no. 4:83-88 '60.

SOVIET CENTRAL ASIA—HISTORY

Against the distortion of the history of Soviet Central Asia Kh. Sh. Inoiatov Obshchestv. nauki v Uz no 1 25-32 '61

History of people from Bukhara and Tashkent in Siberia (17th to first half of the 19th century) Kh. Ziiaev Izv. AN Uz. SSR no 10 93-100 '56

SOVIET CENTRAL ASIA—IRRIGATION

Hydrogeological classification of irrigated areas of Central Asia D. M. Katz. Izv. AN Uz. SSR no 6 47-55 '56

SOVIET CENTRAL ASIA—MAN, PREHISTORIC

Main results and tasks of the paleoanthropological study of Central Asia [with summary in English] T. A. Trofimova. Sov. etn. no. 2 110-122 Mr-Ap '60

SOVIET CENTRAL ASIA—MUSIC

On the threshold of prosperity. D. Kabalevskii. Sov. muz. 25 no. 6:89-96 Je '61.

SOVIET CENTRAL ASIA—PECAN

Pecan, a valuable afforestation variety in Central Asia V. M. Revakii. Izv. AN Uz. SSR no. 9:91-96 '56

SOVIET CENTRAL ASIA—Q FEVER

Some problems in the epidemiology of Q fever in the southern part of Central Asia I. A. Shiftin Med. zhur. Uzb. no 3 28-32 Mr '61

SOVIET CENTRAL ASIA—RAILROADS

Development and reconstruction of rail transportation in Central Asia S. M. Khodzhaev Izv. AN Uz. SSR no 10 79-86 '56

SOVIET CENTRAL ASIA—RESERVOIRS

Problems in the technical operation of irrigation reservoirs in Central Asia. E. IA. Frolikova Trudy SANIIRI no 101:1-45 '59.

Relation between the height of wind waves and the velocity of wind according to observations in situ in reservoirs of Central Asia I. K. Nikitin, E. IA. Frolikova Trudy SANIIRI no 99:3-14 '59

SOVIET CENTRAL ASIA—REVOLUTION, 1917-1921

Historical documents of V. I. Lenin. Part. zhizn' Kazakh. 30 no. 4:3-17 Ap '60.

SOVIET CENTRAL ASIA—RIVERS

Classifying Central Asian rivers according to their types of water supply. O. P. Shcheglova. Izv. AN SSSR. Ser. geog. no. 3 19-27 My-Je '61.

SOVIET CENTRAL ASIA—RUNOFF

Some problems regarding the variation in annual runoff of Central Asian rivers. V. L. Shul'ts Izv. AN Uz SSR no. 10:65-77 '56

SOVIET CENTRAL ASIA—SEISMOLOGY

Stresses acting in earthquake foci of Central Asia. E. I. Shirokova. Izv. AN SSSR. Ser. geofiz. no. 6:876-881 Je '61.

SOVIET CENTRAL ASIA—SOIL CONSERVATION

Kocherga, F. K. [Investigation, planning, and execution of land improvement work in the mountains of Central Asia] Izyskaniia, proektirovanie i proizvodstvo gorno-meliorativnykh rabot v Srednei Azii. Tashkent, 1959. 240 p. (Tashkent. Sredneaziatskii nauchno-issledovatel'skii institut lesnogo khoziaistva. Trudy, no. 7)

SOVIET CENTRAL ASIA—SPRINGS

Hydrothermal resources of Central Asia; results of the First All-Union Conference on Geothermal Research in the U. S. S. R B. A. Beder. Izv. AN Uz. SSR no. 6: 81-87 '56.

SOVIET CENTRAL ASIA—WARBLERS

Distribution and characteristics of Scotocerca in the mountains of Central Asia R. N. Meklenburtsev Uzb. biol. zhur. no 2 42-46 '60

SOVIET CENTRAL ASIA—WOMEN—HISTORY AND CONDITION OF WOMEN

Struggle against the surviving traces of a feudal attitude toward women M. Brainin Sots. zakon. 27 no. 4: 33-35 Ap '60.

SOVIET FAR EAST—BASALT—ELECTRIC PROPERTIES

Comparative investigation of certain magnetic properties in effusive basalt exhibiting normal and reverse magnetization. L. E. Sholpo. Izv. AN SSSR. Ser. geofiz. no. 6:864-870 Je '61.

SOVIET FAR EAST—BOTANY

Recent discoveries in the flora of the Soviet Far East and description of new plant species V. N. Vorobchikov. Biul. Glav. bot. sada no. 38:12-5[illegible] '60

SOVIET FAR EAST—ECONOMIC GEOGRAPHY

Main problems in developing the Far Eastern economy A. B. Margolin Izv. AN SSSR. Ser. geog. no. 3 17-16 My-Je '61

SOVIET FAR EAST—GEOGRAPHY

Akademiia nauk SSSR. Sibirskoe otdelenie. Institut geografii Sibiri i Dal'nego Vostoka. [Geographical problems of Siberia and the Far East, results of the First Conference of the Geographers of Siberia and the Far East] Problemy geografii Sibiri i Dal'nego Vostoka, itogi Pervogo nauchnogo soveshchaniia geografov Sibiri i Dal'nego Vostoka. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1960. 133 p.

SOVIET FAR EAST—GEOLOGY, ECONOMIC

Conference on the geology and metallogeny of the Pacific ore belt held in Vladivostok B. A. Radkevich Geol. i geof. no. 1 118-120 '61.

SOVIET FAR EAST—GEOLOGY, STRATIGRAPHIC

Problem of the Rhaetian stage in northeastern Asia [with summary in English]. IU. N. Popov. Sov. geol. 4 no. 1: 79-87 Ja '61.

SOVIET FAR EAST—GEOLOGY, STRUCTURAL

Role of deep-seated faults in the spacial distribution of intrusions; as illustrated by some areas of the Far East [with summary in English]. E. P. Izokh Sov. geol. 4 no. 4:86-98 Ap '61.

SOVIET FAR EAST—HEALTH RESORTS, WATERING PLACES, ETC.

Let's use the local health resorts. F. Fomin. Okhr. truda i sots. strakh. 4 no. 5 24-25 My '61.

SOVILT FAR EAST—PHYSICIANS

First physicians of the Far East. B. N. Shchupak Sov. zdrav. 20 no. 1 29-36 '61

SOVIET FAR EAST—SALMON

Differences in scale characteristics of Oncorhynchus keta (Walb.) of the Far East and Alaska. D. A. Bruns Vop. ikht. 1 no. 1 29-38 '61.

SOVIET UNION see Russia

SOVIETS

(see also subdivision under Moldavia)

How the deputies of local soviets report to their voters about their work. K. Fedoniuk, S. Mozdyr. Rad. pravo no. 3:31-35 My-Je '61.

Right to recall a deputy IU. Tykhonova. Rad. pravo no 2 75-81 Mr-Ap '60.

SOWS—FEEDING AND FEEDS

Feeding fishery by-products to pregnant sows. F. A. Kurman Visnyk sil'hosp. nauky 4 no 4 116-117 Ap '61

SPACE AND TIME

Discrete space-time theory. V. G. Kadyshevskii Dokl. AN SSSR 136 no 1:70-73 Ja '61.

Is it possible to shorten time? B. V. P'iaskova'kyi. Nauka i zhyttia 11 no. 4:53-54 Ap '61.

SPACE BIOLOGY

Unified system of the living world. A. A. Nichiporovich. Priroda 50 no. 5:16 My '61.

SPACE FLIGHT

Congratulations of the Moscow Patriarchate on the occasion of the victory. Zhur. Mosk. Patr. no 5 8-10 My '61.

Flight to the stars. V. A. Bronshten, I. D. Novikov. Nauka i zhizn' 27 no. 4:50-64 Ap '60.

Greetings by Soviet geodesists and cartographers Geod. i kart. no. 4:6 Ap '61

The starry hour of mankind Nikolai Varvarov. Oktiabr' 38 no. 5:178-184 My '61

To the Communist Party and peoples of the Soviet Union! To the peoples and governments of all countries! To the whole progressive mankind! Geod. i kart. no. 4 3-6 Ap '61.

SPACE FLIGHT—PHYSIOLOGICAL EFFECT

Through the eyes of the first cosmonaut. IU. A. Gagarin. Priroda 50 no. 5:5-6 My '61.

SPACE FLIGHT TO VENUS

Earth - Venus. Tekh. mol. 29 no. 6:20-21 '61.

Start was made in February... V. G. Demin. Nauka i zhizn' 28 no. 4:8-11 Ap '61.

SPACE LAW

Space exploration and international relations. Mezhdunar. zhizn' 8 no. 6:81-90 Je '61.

SPACE MEDICINE

Biology and medicine in the service of space flight. P. K. Isakov. Priroda 50 no 5 8-13 My '61

Great victory of labor and science Nauch dokl vys shkoly, biol nauki no 2 7-8 '61

It has come to be! V. V. Parin. Smena 38 no 7 1-4 Ap '61

SPACE PERCEPTION

One factor in the constancy of size perception [with summary in English] R. G. Natadze. Vop psikhol 6 no. 3 24-32 My-Je '60

Reflection in a fixed set of the interrelation of the size and remoteness of objects [with summary in English] N. G. Adamashvili Vop psikhol. 6 no. 3 33-45 My-Je '60.

SPACE STATIONS

Observatory of tomorrow F Zigel'. IUn tekh 5 no 1 21-24 Ja '61

SPACE WARFARE

American plans for the military use of space A Georgiev Voen. vest 40 no 10:114-118 O '60

SPACES, GENERALIZED

Basis in the space of abstract functions L. A. Gurevich. Dokl AN SSSR 136 no 1:12-15 Ja '61.

Criterion of the unicellularity of Volterra operators. M. S. Brodskiĭ. Dokl AN SSSR 138 no 3:512-514 My '61

Embedding theorems of spaces of functions with partial derivatives summable with different powers [with summary in English] Lu Ven'-tuan [Lu Wên-tuang]. Vest LGU 16 no 7 23-37 '61.

Infinitely differentiable function with values of derivatives given at a certain point. B. S. Mitiagin Dokl AN SSSR 138 no 2 269-292 My '61.

A priori estimates for certain boundary value problems V. A. Sonnnikov Dokl AN SSSR 138 no 4 781-784 Je '61

Remarks on flows of line elements and sets of linearly independent vectors. V. I. Arnol'd. Dokl. AN SSSR 138 no. 2:255-257 My '61.

Semiordered spaces Dimitur Skordev Dokl AN SSSR 138 no. 3:553-555 My '61

A space scale. S. G. Krein, E. M. Semenov Dokl AN SSSR 138 no 4:763-766 Je '61

Theory of ordinary differential equations in Banach spaces A V Kibenko. Dokl AN SSSR 136 no 5:1019-1021 F '61.

SPACESHIPS

In the cabin of the astronaut. Znan sila 36 no 5:4-5 My '61.

SPACESHIPS—PROPULSION SYSTEMS

Electric propulsion in space flight. E. Popova. NTO 3 no. 5:20-21 My '61.

SPAIN—CIVIL WAR, 1936-1939

"International brigades in Spain" by Luigi Longo. Translated from the Italian. Reviewed by O. Borisov. Voen.-ist. zhur. 3 no. 5:110-113 My '61.

SPAIN—COMMUNIST PARTY

Akademiia nauk SSSR. Institut istorii. [Problems of the labor and antifascist movement in Spain] Problemy rabochego i antifashistskogo dvizhenila v Ispanii; sbornik statei. Moskva, 1960. 258 p.

SPAIN—ECONOMIC CONDITIONS

History of the economic decline of Spain in the second half of the 16th century. G. I. Bravo-Zhivotovskaia Uch zap GGU no. 46 145-157 '59.

SPAIN—FEUDALISM

History of the feudal landownership of Cluniac monasteries in medieval Castile S. V. Friazinov. Uch. zap. GGU no 46 83-122 '59.

SPAIN—FOREIGN RELATIONS

New war of the Spanish succession. D. Zaslavskii. Nov. vrem. 19 no. 22:7 My '61.

SPAIN—FOREIGN RELATIONS—GREAT BRITAIN

A scandalous and instructive story. V. B. Nov. vrem. 19 no. 23-10 Je '61.

SPAIN—MIDDLE AGES

Reconquest as a colonizational movement as described in the works of Spanish historians. S. V. Friazinov. Uch zap. GGU no. 46.3-30 '59.

SPAIN—POLITICS AND GOVERNMENT

Akademiia nauk SSSR. Institut istorii. [Problems of the labor and antifascist movement in Spain] Problemy rabochego i antifashistskogo dvizhenila v Ispanii; sbornik statei. Moskva, 1960. 258 p.

SPANISH AMERICA see Latin America

SPANISH LANGUAGE—ADJECTIVE

Limitations of the descriptive and relative adjective in the Spanish language O I Lipatova Uch zap LGU no 299.116-122 '61.

SPANISH LANGUAGE—FOREIGN WORDS AND PHRASES

Indian loan words in the Spanish language. G V Stepanov. Uch zap. LGU no 299 205-212 '61

SPANISH LANGUAGE—GRAMMAR

Some characteristics of the structure of phrases with a "direct transitive verb plus a preposition and noun", from materials on the Spanish language V S Vinogradov Uch zap LGU no 299 75-80 '61

Synonyms of the Spanish imperative; a study on grammatical style [with summary in English] R V Pazukhin Vest LGU 16 no 3:110-119 '61

SPANISH LANGUAGE—MOOD

On one case of grammatical synonymy; the "indicativus pro imperativo" in the Spanish language R V Pazukhin Uch zap LGU no 299 138-156 '61

SPANISH LANGUAGE—PREPOSITIONS

Three conjectures on the Old Spanish text of "the poem of the Cid" E D Panfilov Uch. zap LGU no 299: 157-159 '61

SPARK-EROSION MACHINING see Electric metal cutting

SPASSKIY DISTRICT (RYAZAN PROVINCE)—STOCK AND STOCKBREEDING

The "secret" of success. V. Golovanov. Komsom. zhizn' no. 5:4-6 Mr '60.

SPECTACLES see Eyeglasses

SPECTROGRAPH

Compensation for Rowland "ghosts" in spectrographs with double diffraction in the grating. V. N. Karpinskiĭ. Opt. i spektr. 8 no 3.401-403 Mr '60.

Diffraction spectroheliograph of the Main Astronomical Observatory of the Academy of Sciences of the Ukrainian S. S. R. E. A. Gurtovenko, E. I Didychenko Izv Glav. astron observ. AN URSR 3 no 2:130-150 '61

SPECTROHELIOGRAPH

Diffraction spectroheliograph of the Main Astronomical Observatory of the Academy of Sciences of the Ukrainian S. S. R. E. A. Gurtovenko, E. I Didychenko Izv. Glav astron observ. AN URSR 3 no. 2:138-150 '61

SPECTROMETER

High-speed photoelectric spectrometer for the 0.4 - 0.8 μ region. N. G. D'iachenko. Opt. i spektr. 8 no 3:398-399 Mr '60.

Universal precision β-spectrometer. V. M. Kel'man, B. P. Peregud, V. I. Skopina. Atom. energ. 10 no. 5.534-536 My '61.

SPECTROPHOTOMETRY

Spectrophotometric study of complex palladium (II) chlorides in aqueous solutions [with summary in English]. S. A. Shchukarev and others Vest LGU 16 no. 10:152-155 '61.

Thermodynamic equilibrium in an arc discharge [with summary in English] F. S Ortenberg Inzh -fiz zhur. 4 no 5 94-95 My '61

Using tubular cells for spectrophotometric analysis. L. T. Bugaenko. Zav. lab. 27 no. 5 619-620 '61.

SPECTROSCOPE—TESTING

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 98-59 for checking UM-2 spectroscope-monochromators] Instruktsiia 98-60 dlia poverki spektroskopov-monokhromatorov tipa UM-2. Izd. ofitsial'noe. Moskva, 1957. 10 p.

SPECTRUM, ATOMIC

Hyperfine structure of polyelectronic atoms. G. M. Bukat, A. Z. Dolginov, R. A. Zhitnikov. Opt. i spektr. 8 no. 3. 285-293 Mr '60.

SPECTRUM, INFRARED

Intensities of infrared absorption bands as a function of the number of equivalent groups in monoatomic molecules. L. A. Gribov. Dokl. AN BSSR 5 no. 1.151-154 Ap '61.

Investigating the metamictization of zircons by the use of infrared absorption spectra [with summary in English]. M. V. Akhmanova, L. L. Leonova. Geokhimiia no. 5.401-414 '61.

Problem of using zonal spectrum photography to record coal seams in strip mines. E. L. Astvatsaturov. [Trudy] VNIMI no. 33:157-167 '58.

Sensitization of photographic plates for the ultraviolet region of the spectrum. I. A. Berezin, A. I. Stepanova. Opt. i spektr. 8 no. 3:408-410 Mr '60.

SPECTRUM, MOLECULAR

Calculation of the vibration frequencies of diatomic molecules from their reduced mass. K. S. Krasnov, A. I. Maksimov. Opt. i spektr. 8 no. 3:403-406 Mr '60.

Effect of solvents on the electronic spectra of organic molecules. I. A. Zhmyreva and others. Opt. i spektr. 8 no. 3:412-414 Mr '60.

Effect of temperature on the electronic spectra of complex molecules. L. G. Pikulik, M. A. Solomakho. Opt. i spektr 8 no. 3 338-341 Mr '60

SPECTRUM, MOLECULAR—CONGRESSES

International Conference on Molecular Spectroscopy in Bologna (Italy) V. Chulanovskii. Opt. i spektr 8 no 3 429-430 Mr '60.

SPECTRUM, ULTRAVIOLET

Magnetooptical resonance in nickel on ultraviolet frequencies. G. S. Krinchik, A. A. Gorbachev Fiz. met i metalloved 11 no 2,203-206 F '61

SPECTRUM ANALYSIS

Determination of the absolute values of oscillator forces from the spectral line widths. V. K. Prokof'ev, I. M. Nagibina, G. P Petrova Opt. i spektr 8 no. 3 376-381 Mr '60

Evaluation of the error in interpolation by means of the normals of the spectrum sections on the Rowland circle. V. A. Loginov Opt. i spektr 8 no. 3 382-385 Mr '60

Quantitative spectrum analysis of tektites and the silicate phase of meteorites. G. G. Vorob'ev. Meteoritika no. 20 185-192 '61.

SPECTRUM ANALYSIS—CONGRESSES

Eighth International Colloquium on Spectroscopy Opt. i spektr 8 no. 3 441-442 Mr '60.

SPEECH

Interrelation of the physical characteristics, perceptible qualities, meaning, and sense content of speech [with summary in English]. V. A. Artemov. Vop psikhol 6 no. 3 98-105 My-Je '60

SPEECH, DISORDERS OF

Artificial speech apparatus. G. Kuznetsov. Tekh. mol. 29 no. 5 32 '61.

SPEEDOMETERS

Take good care of speedometers. A. Belan. Sel'. mekh. no. 5:37-39 '61

SPEEDOMETERS—TESTING

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 242-57 for checking tachometers, speedometers and revolution counters] Instruktsiia 242-57 po poverke takhometrov, spidometrov i schetchikov oborotov. Izd. ofitsial'noe. Moskva, 1957. 26 p.

SPELLING, PSYCHOLOGY OF

The significance of anticipatory auditory dictation and oral orthographic analysis. D. D. Alkhimov. Uch. zap. Smol. gos. ped. inst. no. 9 207-218 '58.

SPHALERITE

Bond type and properties of the semiconductor crystallochemical group diamond - zinc blende - wurtzite. N. A. Gorlunova Probl. kin. i kat 10 86-101 '60.

SPILLWAYS

(see also subdivision under South Golodnaya-Steppe Canal; Ukraine)

Conference of precast reinforced concrete spillway structures. A. R. Berezinskiĭ Gidr. stroi 31 no. 4 58-60 Ap '61.

Hydraulic calculation of energy dissipators. V. V. Kiylov. Gidr. stroi. 30 no. 5 10-14 My '60

Increasing the discharge capacity of hydraulic structures. P. E. Tkachenko. Gidr. i mel. 13 no. 5:42-45 My '61.

Seepage in the foundation of chute spillways. N. A. TSvetkova. Trudy SANIIRI 93:142-151 '58.

Siphon spillways. S. I. Keberle. Trudy SANIIRI 93-3-36 '58.

Utilization of hydroelectric power station turbines as spillways V. A Solnyshkov. Izv. VNIIG 65:131-138 '60

SPINAL CORD

Conditions determining the character of interoceptive influences on the course of the process of reinnervation in the spinal cord. S A. Tapin Fiziol zhur 47 no. 5 582-590 My '61

Development of unequal sensitivity in the cervical and lumbar divisions of the spinal cord to narcotic action in postnatal ontogenesis O. B Il'inskiĭ Fiziol. zhur 47 no. 5 591-597 My '61

Effect of caffeine on spinal cord reflexes in warm-blooded animals [with summary in English]. I. A. Zemlianoi. Biul. eksp. biol. i med. 51 no. 1.63-67 Ja '61.

Effect of local irradiation on the cerebellum and cervical area of the spinal cord A P Mironova. Fiziol. zhur 47 no. 2:221-225 F '61

Electrotonic potentials of the posterior root during reciprocal inhibition of spinal reflexes T. M. Mamonets. Fiziol. zhur. 47 no 3:365-373 Mr '61.

Fatigue in pigeons and chickens after transection of the ventral and lateral portions of the spinal cord K. A. Shoshenko. Fiziol. zhur. 47 no. 2:247-252 F '61

Formation of spinal cord dominants during changes in the functional state of the nervous centers due to the action of narcotic substances [with summary in English]. S. A. Skuratova. Biul. eksp. biol. i med. 49 no. 3:12-17 Mr '60.

SPINAL CORD (Continued)

Problem of functional changes in the spinal cord of frogs during stimulation of the optic thalami with sodium and magnesium salts. V. F. Shirokii. Fiziol. zhur. 47 no. 5:575-581 My '61.

Problem of the nature of spinal shock. Report No. 4. Atony of the motor neuron in spinal shock [with summary in English]. G. N. Sorokhtin, O. P. Minut-Sorokhtina, Iu. B. Tempel'. Biul. eksp. biol. i med. 49 no. 2:65-67 F '60.

Structure of the wall of the terminal ventricle of the spinal cord in man. I. I. Gutner. Arkh. anat. gist. i embr. 38 no. 4:94-96 Ap '60.

Studies on lipid concentration in various regions of the lumbar enlargement of the spinal cord [with summary in English]. A. D. Reza, L. V. Sotina. Biokhimiia. 25 no. 2:285-287 Mr-Ap '60.

SPINAL CORD—DISEASES

Differential diagnosis of pathological processes in the area of the cauda equina. V. V. Kents, I. I. Protas, R. A. Kuprianenko. Vop. neirokhir. 25 no. 3:15-20 My-Je '61.

SPINAL CORD—RADIOGRAPHY

Isotope myelography in the diagnosis of herniation of the intervertebral disk. F. M. Liass. Vop. neirokhir. 25 no. 3:28-30 My-Je '61.

SPINAL CORD—TUMORS

Cerebrospinal fluid changes in tumors of the cauda equina. A. A. Kokhanchikova. Vop. neirokhir. 25 no. 3:31-34 My-Je '61.

SPINAL CORD—WOUNDS AND INJURIES

Role of injury and stimulation of the spinal cord in the development of contracture arising following its section. N. A. Galitskaia. Fiziol. zhur. 47 no. 5:566-574 My '61.

SPINDLE TREE

Breeding and the seed production of Evonymus Maackii, a spindle tree species of high gutta content. N. I. Skripitsyna. [Trudy] VNIILM no. 36:187-216 '59.

Seed fungi of the wartybark and European spindle trees. A. A. Prisiazhniuk. Shor. nauch. rab. Bel. otd. VBO no. 1:123-129 '59.

SPINE

Changes in the spine in chronic solaritis; abstract. D. N. Vaisfel'd, I. S. Poliak. Ortop. travm. i protez. 22 no. 1:84 Ja '61.

Changes of the tone of the spinal muscles in man. A. M. Bentolev. Fiziol. zhur. 47 no. 3:356-361 Mr '61.

SPINE—FRACTURE

Treating fractures of the lumbar transverse processes, abstract. V. M. TSodyks. Ortop. travm. i protez. 22 no. 1:83 Ja '61.

SPINE—TUBERCULOSIS

Secondary deforming changes in tuberculous spondylitis in adults. K. N. Shaposhnikova. Shor. trud. Uz. nauch.-issl. tub. inst. 3:132-138 '57.

Treatment of intrathoracic abscesses in tuberculous spondylitis. G. M. Kriuchkov. Probl. tub. 38 no. 4:103-104 '60.

SPINNING

Design for strength of combination yarns. K. I. Koritskii. Izv. vys. ucheb. zav.; tekh. teks. prom. no. 2:24-31 '61.

Reducing the unevenness of semifinished products and yarn. G. M. Nemzer. Izv. vys. ucheb. zav.; tekh. teks. prom. no. 2:63-70 '61.

Spinning of synthetic staple fibers. Tekst. prom. 20 no. 3:81-85 Mr '60.

Thread tension in the balloon of the winder. N. P. Isakov. Izv. vys. ucheb. zav.; tekh. teks. prom. no. 2:88-95 '61.

SPINNING MACHINERY

Advanced type of twisting machine. G. V. Sokolov. Tekst. prom. 20 no. 3:36-42 Mr '60.

Experimental study of the oscillations of the bobbin holder of a glass filament spinning unit. Kh. Z. Regel'man. Izv. vys. ucheb. zav., tekh. teks. prom. no. 2:136-143 '61.

Increasing the wear resistance of parts of flax spinning machines. V. P. Samoilov. Tekst. prom. 20 no. 3:66-67 Mr '60.

Single-stage drawing on combing and drawing machines. D. M. Kofman and others. Tekst. prom. 20 no. 3:46-49 Mr '60.

Vladimirov, B. M., and V. F. Beloshapko. [Over-all modernization of the equipment of cotton spinning factories] Kompleksnaia modernizatsiia oborudovaniia khlopkopriadil'nykh fabrik. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1960. 156 p.

SPIRITUALISM see subdivision under Great Britain

SPIROSCOPY

Oxygen debit as an objective index of functional conditions of the cardiopulmonary system in patients with mitral stenosis. A. M. Damir, M. V. Piatnitskii. Terap. arkh. 33 no. 4:13-18 '61.

SPLEEN

Effect of certain lipid fractions of the thymus and spleen on metabolic processes [with summary in French]. I. Potop and others. Biokhimiia. 25 no. 6:987-990 N-D '60.

Effect of denervation of the spleen on the quantity of vitamin B_{12} in the blood serum of dogs [with summary in English]. V. I. Markelova. Biul. eksp. biol. i med. 49 no. 2:41-45 F '60.

In vitro cultivation of bone marrow and spleen of rabbits irradiated with roentgen rays [with summary in English]. V. A. Gubin. Arkh. anat. gist. i embr. 39 no. 11:3-10 N '60.

SPLEEN—DISEASES

Change in hemopoiesis in congestive splenomegaly with and without denervation of the spleen [with summary in English]. I. IA. Ashkinazi. Biul. eksp. biol. i med. 49 no. 2:46-50 F '60.

Methods for inducing in rabbits cirrhosis of the liver with splenomegaly and ascites by means of carbon tetrachloride [with summary in English]. I. S. Rubetskoi, R. N. Korotkina. Biul. eksp. biol. i med. 50 no. 7:122-124 Jl '60.

SPLEEN—SECRETIONS

Spleen, its biological and medical properties. V. P. Komissarenko. Probl. endok. i gorm. 7 no. 2:104-117 Mr-Ap '61.

SPLEEN—SURGERY

Intercostal flank incision in splenectomy. B. A. Landa. Khirurgiia. 37 no. 5:77-79 My '61.

SPLINTS (SURGERY)

Plastic splints for the forearm and hand. P. P. Gaglev. Khirurgiia. 37 no. 5:130-131 My '61.

SPODUMENE

Preparation of cesium carbonate from pollucite-spodumene concentrates. IA. G. Goroshchenko and others. Tsvet. met. 34 no. 5:55-57 My '61.

Reactions of minerals containing rare alkali elements with salts and oxides in the process of fusion and sintering. Part 5. Mechanism of the fusion of α-spodumene with potassium sulfate. V. E. Pliushchev. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 2:265-270 '61.

Spodumene pegmatites of the Ukraine. V. G. Kushev. Dokl. AN SSSR. 138 no. 1:928-930 Je '61.

SPORES (BOTANY)

Bolkhovitina, N. A. [Fossil and recent spores of the family Schizaeaceae] Iskopaemye i sovremennye spory semeistva skhizeinykh. Moskva, Izd-vo Akad. nauk SSSR, 1961. 176 p. (Akademiia nauk SSSR. Geologicheskii institut. Trudy, no. 40)

SPORT MEDICINE—CONGRESSES

Thirteenth International Congress of Sport Medicine. Teor. i prak. fiz. kul't. 24 no. 1:77-80 '61.

SPORTS

(see also subdivision under Chukchi, Germany, West; Virgin Territory)

Amateur sports club. I. Podgurskii, G. Tomilin. Komsomol. zhizn' no. 17:26-28 S '60.

[Russia in sports] Sportivnaia Rossiia. [Moskva, Izd-vo "Sovetskaia Rossiia, 1960] 223 p.

SPORTS—HYGIENIC ASPECTS

Training of medical personnel for work in physical culture and sports. S. M. Ivanov. Teor. i prak. fiz. kul't. 24 no. 5:330-334 '61.

SPORTS—PHYSIOLOGICAL ASPECTS

"Proceedings of the 12th International Anniversary Congress of Sports Medicine." Reviewed by G. M. Kukolevskii. Sov. zdrav. 20 no. 1:88-91 '61.

SPORTS—PHYSIOLOGICAL ASPECTS—CONGRESSES

Problems of physiology and biochemistry at the 13th International Congress of Sports Medicine. N. N. IAkovlev. Fiziol. zhur. 47 no. 2:280-281 F '61.

SPORTS FOR WOMEN

Effect of sports on the female organism. V. E. Vasil'eva. Teor. i prak. fiz. kul't. 24 no. 3:185-188 '61.

SPRAY PAINTING, ELECTROSTATIC

Surface painting in the electric field. S. N. Kazarnovskii. Trudy TSNII MPS no. 208:181-205 '61.

SPRAYING AND DUSTING EQUIPMENT

Universal duster. M. S. Budnyts'kyi, I. L. Berkov. Mekh. sil'. hosp. 12 no. 5:23 My '61.

SPRAYING AND DUSTING IN AGRICULTURE—HYGIENIC ASPECTS

"Labor hygiene relating to the use of insecticides and fungicides in agriculture" by L. I. Medved'. Reviewed by R. D. Gabovich. Gig. i san. 25 no. 3:114-116 Mr '60.

SPRING

(see also subdivision under Bashkiria; Caucasus, Northern; Siberia, Ukraine)

Spring floods. A. O. Kemmerikh, L. K. Malik, B. S. Kachurin. Priroda. 50 no. 5:124-125 My '61.

SPRINGS

(see also subdivision under Soviet Central Asia, Valday District)

Inner heat of the earth. S. A. Dzhamalov. Priroda. 50 no. 6:74-76 Je '61.

SPRINKLER IRRIGATION

Sprinkler irrigation of cotton and the control of water loss from irrigation canals. P. V. Donskoi. Izv. AN Uz. SSR no. 12:110-111 '56.

Use of water gauges equipped with speedometers in sprinkler units. F. I. Glushkov. Gidr. i mel. 13 no. 5:38-41 My '61.

SPRUCE

Resin acids of the oleoresin of the spruce Picea ajanensis Fisch. Kh. A. Cherches, I. I. Bardyshev, O. T. Tkachenko. Zhur. prikl. khim. 33 no. 10:2381-2384 O '60.

Significance of high seeding rates of coniferous species with reference to the influence of herbaceous plants. V. P. Bel'kov. Bot. zhur. 45 no. 4:606-612 Ap '60.

Using spruce wildlings in the reforestation of cutover areas. V. K. Asanova. Les. khoz. 14 no. 6:42-43 Je '61.

SPRUCE—WATER REQUIREMENTS

Certain aspects of the soil moisture requirement of larch and spruce plantations on slightly Podzolic turf soils. M. V. Vaichis. Trudy Lab. lesoved. 1:202-217 '60.

SPUTTERING (PHYSICS)

Domain structure of ferromagnetic films obtained by cathode sputtering. G. V. Spivak, I. G. Shutenko, R. D. Ivanov. Izv. AN SSSR. Ser. fiz. 25 no. 5:581-583 My '61.

SREDINYY RANGE—VOLCANOES

Active volcano in the Sredinyy Range. N. V. Ogorodov. Priroda. 50 no. 5:113-114 My '61.

STABILITY OF AUTOMOBILES

Characteristics of the computation of the vertical and horizontal stability of automobiles with air spring suspension. R. A. Akopian. Avt. prom. 27 no. 5:20-22 My '61.

STABILITY OF HELICOPTERS

Effect of the depth of the location of a propeller in a ring on aerodynamic characteristics of the system remaining in a stationary position in air. V. I. Shaidakov. Izv. vys. ucheb. zav.; av. tekh. 3 no. 2:22-30 '60.

STABILITY OF SHIPS—STANDARDS

[Bulletin of additions and amendments to the stability standards for the seagoing ships and harbor craft of the merchant marine and the fishing fleet.] Biul. Reg. SSR no. 3 '59.

STAINLESS STEEL see Steel, Stainless

STAINS AND STAINING (MICROSCOPY)

Method for the selective staining of acid (sulfated) mucopolysaccharides by basic cinnamate [with summary in English]. M. G. Shubich. Biul. eksp. biol. i med. 51 no. 2:116-120 F '61.

Method of staining glycoproteids in electrophoregrams (simplified modification). M. B. Shelkman. Lab. delo 7 no. 5:21-22 My '61.

STAIRCASES

Staircases inside apartments. E. Andreshnikov. Zhil. stroi. no. 4:30-32 Ap '61.

STALINABAD—GEOGRAPHY—STUDY AND TEACHING

Organizing and conducting geography evenings at school by the students of geography faculties as part of practice teaching. F. A. Bakeeva. Uch. zap. Stal. gos. ped. inst. no. 21:107-110 '59.

STALINGRAD—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

More initiative! N. Belitchenko. Part. zhizn' no. 13:33-35 Jl '61.

STALINGRAD—LABOR AND LABORING CLASSES—MEDICAL CARE

Persistence and efficiency. L. Orlov. Okhr. truda i sots. strakh. 4 no. 5:13-14 My '61.

STALINGRAD—MOUTH—CARE AND HYGIENE

Organization of oral hygiene measures for workers of the Stalingrad Tractor Factory. V. R. Gol'braikh. Stomatologiia. 40 no. 1:90-91 Ja-F '61.

STALINGRAD—TRACTOR INDUSTRY

Lowering costs in the auxiliary industry. V. A. Semenov. Trakt. i sel'khozmash. 31 no. 5:36-38 My '61.

STALINGRAD, BATTLE OF, 1942-1943

"Beginning of a long march" by V. I. Chuikov. Reviewed by O. I. Prylmenko. Ukr. ist. zhur. 5 no. 3:129 My-Je '61.

End of the battle of Stalingrad. Nikolai Voronov. Nov. vrem. 19 no. 25:16-18 Je '61.

STALINGRAD HYDROELECTRIC POWER STATION

Stalingrad Hydraulic Construction Trust finished up 1960 successfully. K. Dorofeev, A. Il'ina. Ekon. stroi. no. 1:37-47 Ap '61.

STALINGRAD PROVINCE—MACHINERY INDUSTRY

A good reputation travels fast. N. Tatarskaia. Sov. profsoiuzy 17 no. 11:16-19 Je '61.

STALINGRAD PROVINCE—METEORITES

Examining the Lipovskiy Khutor meteorite (abstract of a report). Meteoritika no. 20:171 '61.

STALINO—CITY PLANNING

A great start. Aleksandr Alimn. Sov. Ukr. 11 no. 5:107-115 My '61.

STALINO—NOTARIES

Exemplary work of a public notary. M. Frid. Rad. pravo no. 3:117-120 My-Je '61.

STALINO PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Form of life. L. Skobtsov. Blok agit. [Ukr.] no. 12:15-23 Ap '60.

STALINO PROVINCE—CONSTRUCTION INDUSTRY

Some problems of the construction industry in Stalino Province [with summary in English, p. 78]. Visnyk ABLA URSR no. 1:35-38 '61.

STALINO PROVINCE—DRUGSTORES

Restoration and development of the drugstore network in Stalino and Lugansk Provinces during the decade 1943-1953. N. I. Bryl'ova, M. M. Lytvynenko. Farmatsev. zhur. 15 no. 1:56-61 '60.

STALINOGORSK—COAL MINING MACHINERY

The "OMK" coal-mining combine. A. Pshenichkin. NTO 2 no. 5:43 My '60.

STALINOGORSK—CONSTRUCTION WORKERS

Debtors. K. Vasil'ev. Smena 38 no. 8:26-27 Ap '61.

STALINSK—THEATER

A play about fellow countrymen. V. Gakkebush. Teatr. 22 no. 5:164 My '61.

STANDARD CELLS—TESTING

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 176-55 for checking standard cells] Instruktsiia 176-55 po poverke normal'nykh elementov. Izd. ofitsial'noe. Moskva, 1957. 27 p.

STANDARDIZATION

Checking the introduction of standards. V. I. Fatbei. Standartizatsiia 25 no. 5:47-48 My '61.

Normal linear dimensions and preferred numbers. V. D. Nesterov. Standartizatsiia 25 no. 5:8-10 My '61.

Standardization at the Exhibition of Achievements of the National Economy of the U. S. S. R. L. G. Karabanova. Standartizatsiia 25 no. 5:57-58 My '61.

Standardization office in a plant. V. S. Nianchuk. Standartizatsiia 25 no. 5:48-49 My '61.

STANDARDIZATION—BIBLIOGRAPHY see Bibliography—Standardization

STANDARDS, ENGINEERING

Types and dimensional series of devices and means of automation. N. I. Zhukovskii. Standartizatsiia 25 no. 5:39-40 My '61.

STANDARDS OF MASS

Reorganization of the use of standard units of mass. N. A. Smirnova, N. M. Rudo. Izm. tekh. no. 6:10-13 Je '61.

STANDARDS OF MASS—TESTING

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 66-56 for checking standard weights of second and third categories] Instruktsiia 66-56 po poverke obrazttsovykh gir' 2-go i 3-go razriadov. Izd. ofitsial'noe. Moskva, 1957. 15 p.

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 69-56 for checking weights (measures of mass)] Instruktsiia 69-56 po poverke rabochikh gir' (mer massy). Izd. ofitsial'noe. Moskva, 1956. 27 p.

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 71-47 for checking cars for scales] Instruktsiia 71-47 dlia poverki kontrol'nykh vesovykh platform. Izd. ofitsial'noe. Moskva, 1957. 6 p.

STANISLAV—MURDER

How we solved the murder of Valentyna Bondar. B. Ivshyn. Rad. pravo no. 3:49-51 My-Je '61.

STANISLAV—ORTHODOX EASTERN CHURCH

News from the diocese of Stanislav. Iosif, Bishop of Stanislav and Kolomyya. Zhur. Mosk. Patr. no. 4:30-31 Ap '61.

STANISLAV ECONOMIC REGION—PHOSPHORITES

Phosphorites of the Stanislav and Lvov Economic Administrative Regions. D. N. Kovalenko. Pyt. rozv. prod. byl. L'viv. i Stan. ekon. adm. rai. no. 1:99-103 '60.

STANOVOY RANGE—GEOLOGY

Geology of the western extremity of the Stanovoy Range. Iu. K. Dzevanovskii. Biul. VSEGEI no. 1:21-27 '58.

STAPHYLOCOCCAL DISEASE

Antibiotic decontamination of staphylococcal carriers [with summary in English]. T. V. Golosova and others. Antibiotiki 6 no. 2:113-118 F '61.

Comparative experimental study of erythromycin, tetracycline, and penicillin in coccal infections [with summary in English]. V. R. Sobolev, G. Sh. Baskanchiladze. Antibiotiki 6 no. 3:226-231 Mr '61.

Diapason measurement of thermoreception of the cutaneous analyzer in patients with staphylogenic sycosis. A. N. Gur'ev. Vest. derm. i ven. 35 no. 4:33-35 Ap '61.

Effect of microcide on the staphylococcal flora in chronic diffuse stepto-staphyloderma. E. K. Sakhnovs'ka, E. O. Shablovs'ka, S. I. Dovzhans'kyi. Mikrobiol. zhur. 23 no. 1:67-69 '61.

Epidemiology and prevention of infections and diseases of staphylococcal etiology (from "Pediatria polska," no. 3-a, 1959). S. Kiynski. Ped., akush. i gin. 22 no. 4:3 of cover '60.

Individual characteristics of the reactivity of the organism and the toxic infection process. S. I. Vovk. Fiziol. zhur. [Ukr.] 7 no. 3:409-416 My-Je '61.

Primary sensitivity of Staphylococcus pyogenes to antibiotics of the tetracycline series and its changes during the treatment of staphyloderma with chlortetracycline [with summary in English]. B. A. Godovannyi. Antibiotiki 6 no. 3:276-279 Mr '61.

STAPHYLOCOCCUS

Amount of free and bound amino acids in cultures of staphylococci with acquired resistance to various antibiotics in in vitro experiments and in strains isolated from patients during the course of the treatment with antibiotics [with summary in English]. A. F. Moroz. Antibiotiki 5 no. 2:76-83 Mr-Ap '60.

Development of staphylococci resistant to antibiotics and its relation to the duration of antibiotic therapy [with summary in English]. N. N. Samoilovich. Antibiotiki 6 no. 3:270-276 Mr '61.

Effect of individual antibiotics and their associations on staphylococci in in vitro experiments [with summary in English]. T. V. Golosova. Antibiotiki 5 no. 2:95-99 Mr-Ap '60.

Phage typing of antibiotic resistant staphylococci isolated in in vitro experiments and obtained from medical personnel and patients [with summary in English]. A. F. Moroz. Antibiotiki 6 no. 2:148-152 F '61.

Possibility of reproducing the phenomenon of paradoxical sensitivity with reference to the toxins of staphylococci and Bac. perfringens [with summary in English]. L. N. Morgunov, V. V. Khatuntsev. Biul. eksp. biol. i med. 49 no. 3:73-76 Mr '60.

Quantitative relationship between phosphatase activity, pathogenic properties, and penicillin resistance in Staphylococcus [with summary in English]. A. K. Akatov, Z. I. Lebedeva. Antibiotiki 6 no. 4:363-366 Ap '61.

Transfer to staphylococci of resistance to rivanol, streptomycin and copper by means of acellular extracts [with summary in English]. V. A. Lambina. Mikrobiologiia 30 no. 1:60-66 Ja-F '61.

STAPHYLOCOCCUS AUREUS

Effect of nupharine on the fermentation and respiration of Staphylococcus aureus and Corynebacterium michiganense. S. I. Novykova. Mikrobiol. zhur. 23 no. 1:51-56 '61.

STAPHYLOCOCCUS PHARMACOL

Synergistic effect of cycloserine in association with other antibiotics in relation to Staphylococcus. Report No. 1 [with summary in English]. M. Bals, M. Roman, M. Elian. Antibiotiki 5 no. 2:85-87 Mr-Ap '60.

STARCH INDUSTRY

(see also subdivision under White Russia)

Continuous saccharification of starch in the starch and syrup industry. S. F. Kravchenko. Sakh. prom. 35 no. 5:55-61 My '61.

STARFISHES

(see also subdivision under Pacific Ocean)

Normal antibodies during regeneration in invertebrate animals. Report No. 1: Normal antibodies against regenerating tissue of the ray of Asterias rubens [with summary in English]. O. E. Vlazov, A. I. Murashova. Biul. eksp. biol. i med. 51 no. 2:100-102 F '61.

STARK EFFECT

Investigating the Stark effect of excitons in oriented single crystals of cuprous oxide. I. F. Gross, B. P. Zakharchenia, L. M. Kanskaia. Fiz. tver. tela 3 no. 3:972-978 Mr '61.

STARO-PYSHMINSK—ORE DRESSING

Raising the level of completeness of using ore dressed at the Pyshminskiy Plant. S. I. Kropanev, V. V. Kliachin. Gor. zhur. no. 3:6 Mr '60.

STARS

Internal structure of superdense stars [with summary in English]. D. A. Kirzhnits. Zhur. eksp. i teor. fiz. 38 no. 2:503-508 F '60.

STARS—DISTRIBUTION

Distribution of stars, dust matter, and interstellar polarization in Cygnus [with summary in English]. V. A. Dombrovskii. Vest. LGU 16 no. 7:112-115 '61.

STARS—MAGNITUDES

Photographic and photovisual magnitudes of 1,100 stars in a region with the center $\alpha = 18^h53^m, \delta = +15°, 5$ (1950). Sh. G. Gordeladze, G. L. Fedorchenko. Izv. Glav. astron. observ. AN URSR 3 no. 2:112-131 '61.

Photographic, photovisual and photovisual magnitudes of 1,000 stars in Aquila. Sh. G. Gordeladze, E. I. Lukatskaia. Izv. Glav. astron. observ. AN URSR 3 no. 2:77-109 '61.

Photovisual magnitudes of stars in SA40. L. N. Kolesnik. Izv. Glav. astron. observ. AN URSR 3 no. 2:110-111 '61.

STARS—OBSERVATIONS

Daytime observations of stars in Antarctica. A. A. Pavlov. Inform. biul. Sov. antark. eksp. no. 25:54-55 '61.

Investigating the pulsation of star images in telescopes. I. G. Kolchinskii. Izv. Glav. astron. observ. AN URSR 3 no. 2:77-87 '61.

Relative determinations of declinations of 64 stars in the program of the Kazan zenith telescope. I. M. Nemkhova. Izv. Glav. astron. observ. AN URSR 3 no. 2:16-26 '61.

Using graphic methods in processing observations on a vertical circle for determining relative declinations. A. K. Koroli. Izv. Glav. astron. observ. AN URSR 3 no. 2:3-15 '61.

STARVATION

Characteristics of the functional state of the nucleus of the vagus nerve during relative starvation and satiety. N. V. Asmaian, K. V. Sudakov. Fiziol. zhur. 47 no. 5:605-611 My '61.

Effect of gangliolytic substances on the chemical composition of the liver and blood in total fasting [with summary in English]. I. A. Drzhevetskaia. Pat. fiziol. i eksp. terap. 5 no. 2:45-49 Mr-Ap '61.

STATE, THE

Aristotle on the nature of the state and the grounds for its establishment [in Georgian with summary in Russian]. M. Alekslashvili. Trudy Tbil. GU 77:237-250 '59.

National democratic states. D. Chesnokov. Polit. samoobr. 5 no. 6:61-64 Je '61.

STATE AND ART see Art and state

STATE AND CHURCH see Church and state

STATE FARMS

(see also subdivision under Bukhara Province; Il'chevskiy District, South Kazakhstan Province; Kazakhstan, Klimovich District, Virgin Territory)

In the All-Union Central Council of Trade Unions. Sov. profsoiuzy 17 no. 10:44-45 My '61.

In the All-Union Central Council of Trade Unions. Sov. profsoiuzy 17 no. 11:47 Je '61.

My friends, the virgin-land farmers. Ivan Khrushchev. Sov. profsoiuzy 17 no. 10:13-15 My '61.

A 150 and one. P. Kapitonov. Komsom. zhizn' no. 15/16:57-60 Ag '60.

Some problems concerning the improvement of the wage system on state farms. I. M. Syroezhin. Biul. SNO LGU no. 2:67-80 '59.

When the workers' committee forgets about the main thing... V. Skryl'. Sov. profsoiuzy 17 no. 10:16-17 My '61.

STATE FARMS—ACCOUNTING

Accounting for capital and routine repairs. M. F. Salata. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 6:20 Je '61.

Accounting for feed procurement. A. M. Slomzin. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 6:7-9 Je '61.

Accounting for materials in journal-vouchers. M. N. Popov. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 5:16-18 My '61.

Accounting for products and materials has been reorganized on the state farm. I. F. Maier. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 5:14-16 My '61.

Credit forms must be simplified. I. I. Verebovskii. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 5:42 My '61.

Improve production accounting. S. D. Ten'kaev. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 6:22-23 Je '61.

STATE FARMS—ACCOUNTING (Continued)

Nedelin, S. I. [Accounting on state farms] Bukhgalterskii uchet v sovkhozakh. Izd. 2., pererab. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 318 p.

Registers instead of passes. A. P. Ostrov. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 6 9-10 Je '61.

Report means control. I. T. Reshetnik. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 6 23 Je '61.

A second signature. V. A. Kashin. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 6 61-62 Je '61.

Superfluity of bank documentation. I. P. Saratov. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 5 40-41 My '61.

Use uniform prices to account for state farm production. E. A. Markin. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 6:37 Je '61.

STATE FARMS—AUDITING AND INSPECTION *see* subdivision under Dnepropetrovsk Province

STATE FARMS—FINANCE
(see also subdivision under Moscow Province)

Business accounting on state farms. N. V. Kutepov. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 5 31-36 My '61.

Count profit and losses on state farms correctly. G. IA. Mar'iakhin. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 6 32-35 Je '61.

Economy is better than wastefulness. I. M. Mirochnik. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 5, 46 My '61.

Financial sources of capital investments on state farms. A. V. Vinokur. Uchet i fin. v kolkhoz. i sovkho. 18 no. 5 36-39 My '61.

The unsolved problem of state farm economics. V. I. Shangin. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 6 36 Je '61.

STATISTICS

Isolating a limited number of factors in measuring relations. N. N. Semikov. Nauch. zap. Len. fin.-ekon. inst. no. 19:12-33 '59.

Statistical evaluation of the results of experimental investigations. I. A. Orvin. Pat. fiziol. i eksp. terap. 4 no. 4 76-85 Jl-Ag '60.

Statistical problems discussed in newspapers and journals. Vest. stat. no. 5 86-87 '61.

Steps of a great people. Un. tekh. 5 no. 1-4, 7, 9 11-13 Ja '61.

STATISTICS—BIBLIOGRAPHY *see* Bibliography—Statistics

STAVROPOL—BOTANICAL GARDENS

Stavropol Botanical Garden. A. A. Klopov, V. V. Skvortsovskii. Biul. Glav. bot. sada no. 39 3-6 '60.

STAVROPOL—RESTAURANTS, LUNCHROOMS, ETC

There is a lunchroom in the village of Ivanovskoye.... A. Berg. Obshchestv. pit. no. 5:9-10 My '61.

STAVROPOL TERRITORY—AGRICULTURE—STUDY AND TEACHING

Aesthetic training of students while working. R. IA. Lidin. Sov. pedag. 25 no. 5 58-65 My '61.

Dissemination of work experience of Stavropol Territory student production brigades. Nar. obr. no. 5 5 My '61.

STAVROPOL TERRITORY—CANALS

Pravo-Yegorlyk system goes into operation. M. Puchkov. Sel'. stroi. 15 no. 2 8-10 F '61.

STAVROPOL TERRITORY—CATTLE

Practice of loose housing of cattle on the "Piatigorskii" State Farm. N. K. Kniazev, V. G. Sukhotskii. Dokl. i soob. VNIESKH no. 8.133-138 '60.

STAVROPOL TERRITORY—COMMUNITY AND SCHOOL

Local soviets give assistance to their schools. Nar. obr.

STAVROPOL TERRITORY—WATER, UNDERGROUND

Some features of the distribution of minor elements in the water of the Khadum horizon of the Stavropol upraise. M. V. Mirzoshvili. Trudy GNI no. 21-103-110 '59.

STEAM

Interface in a steam-liquid mixture with steam at supercritical parameters. M. I. Kulakova. Izv. vys. ucheb. zav., energ. 4 no. 4 86-92 Ap '61.

STEAM BOILERS *see* Boilers

STEAM BOILERS, MARINE *see* Boilers, Marine

STEAM ENGINES

Govert, A. A. [Water treatment for steam engines] Vodopodgotovka dlia lokomobilei. Moskva, Gos. energ. izd-vo, 1960. 188 p.

STEAM ENGINES—MODELS

Similitude and modeling of piston engines and machines. V. Lakhanin. Rech. transp. 20 no. 3 55-56 Mr '61.

STEAM-JACKETS

Steam-jacket for warming the stopcocks of pipes for bitumen. Transp. stroi. 11 no. 4 54 Ap '61.

STEAM POWER PLANTS

Use of the boiler-turbine equipment at electric power plants with high parameters. R. V. TSukerman, A. P. Nikonov, V. M. Bykov. Elek. sta. 32 no. 5 7-12 My '61.

STEAM POWER PLANTS—HEATING AND VENTILATION

Use of heat of continuous blow-out of steam boilers for heating purposes. G. M. Biterman. Energetik 9 no. 5-10-11 My '61.

STEAM TURBINES

Automatic feeding of the evaporators. IU. N. Chekhovoi. Elek. sta. 32 no. 5-23-27 My '61.

Morning start-up of a boiler-turbine unit. A. G. Prokopenko, V. N. Shvets, A. V. Shcherbina. Elek. sta. 32 no. 5 2-4 My '61.

Prevention of water from getting into the oil of AP-25-1 turbines. I. G. Nikolaev. Elek. sta. 32 no. 5 80-81 My '61.

Variations in the steam temperature and load in the operation of steam turbines. B. L. Levchenko. Elek. sta. 31 no. 12:37-41 D '60.

STEAMBOAT LINES
(see also subdivision under Europe, Eastern)

Integrated schedule for 1961 of steamship lines in the central basins. M. Kheifets, K. Liakhov. Rech. transp. 20 no. 5:4-8 My '61.

STEEL

IUkalov, I. N. [Steel and cast iron for enameling] Stali i chuguny dlia emalirovaniia. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 116 p.

STEEL—BRITTLENESS

Hydrogen brittleness of austenitic steel. E. P. Nochai, K. V. Popov. Fiz. met. i metalloved. 11 no. 2:224-228 F '61.

Plastic deformation at the surface of a brittle fracture. V. M. Finkel', P. L. Krotenok. Fiz. met. i metalloved. 11 no. 4 601-608 Ap '61.

STEEL—CORROSION

Commercial use of hydrosulfide corrosion inhibitors in oil wells. T. Kh. Mamakhova and others. Trudy AzNII DN no. 9 299-310 '60.

Corrosion cracking of 1Kh18N9 steel in chlorides in the presence of organic inhibitors. N. I. Podobaev, S. A. Balezin. Zhur. prikl. khim. 33 no. 10:2290-2300 O '60.

Effect of some inhibitors on the corrosion cracking of 1Kh18N9 steel in 42% $MgCl_2$ solution [with summary in English]. N. I. Podobaev, S. A. Balezin, V. V. Romanov. Zhur. fiz. khim. 35 no. 4:748-753 Ap '61.

Tendency toward intercrystallite corrosion in austenitic filler metal depending on temperature and time of aging. M. A. Gal'perin, V. V. Ardentov, K. M. Ivanov. Svarka 2: 71-76 '59.

Thermodiffusive zincing of steel in a powdered medium. A. P. Burdakov. Trudy AzNII DN no. 9:311-319 '60.

STEEL—ELECTRIC PROPERTIES

Electrochemical behavior of steel in concrete. V. S. Artamonov. Zhur. prikl. khim. 33 no. 10:2311-2319 O '60.

Preparation of a nonaging low-carbon, low-silicon electrical steel. N. P. Zhelvin. Stal' 21 no. 6:522 Je '61.

Temperature relation of hysterisis and eddy current losses in electrical steel. V. V. Druzhinin, N. I. Mokrushina. Fiz. met. i metalloved. 9 no. 4:498-502 Ap '60.

STEEL—ELECTROMETALLURGY

Economy of nickel in the electrometallurgy of steel. A. F. Kablukovskii, A. A. Pankratov. Metallurg 6 no. 3:17-22 Mr '61.

Making steel in electric arc furnaces with electromagnetic mixing of the bath [with summary in English]. S. M. Gumenev and others. Stal' 21 no. 6 519-522 Je '61.

Refining of alloyed steels by molten synthetic slags [with summary in English]. V. G. Voinov and others. Stal' 20 no. 7:611-618 Jl '60.

STEEL—HARDENING

Deformation of metastable austenite and the strength of steel strip [with summary in English]. V. IA. Zubov and others. Stal' 21 no. 6:549-551 Je '61.

Effect of the temperature of hardening on the internal friction in carbon steel. V. R. Shushania, S. A. Golovin. Fiz. met. i metalloved. 11 no. 5:809-811 My '61.

STEEL—HEAT TREATMENT

Effect of conditions of heat treatment on the anisotropy of mechanical properties of forged steel. V. N. Lipin, I. IA. Cherniakhova. Kuz.-shtam. proizv. 3 no. 5 5-9 My '61.

Orientation of recrystallization centers at high speeds of heating. P. D. Izbranov, N. M. Rodigin, V. A. Pavlov. Fiz. met. i metalloved. 9 no. 4 630-633 Ap '60.

Steel is hardened by vortical currents. Znan. ta prakt. no. 3, 23 Mr '61.

Thermal and mechanical treatment of steel and their effect on mechanical properties. A. F. Gulinev, V. S. Shigarev. Metalloved. i term. obr. met. no. 4-9-12 My '61.

STEEL—MAGNETIC PROPERTIES

Effect of carbon on the magnetic properties of electrical steel [with summary in English]. G. N. Shubin and others. Stal' 21 no. 5 445-448 My '61.

Effect of copper on electrical steel [with summary in English]. N. F. Dubrov, I. A. Gorlach, M. V. Ivanko. Stal' 20 no. 7:645-646 Jl '60.

STEEL—METALLOGRAPHY

Carbon migration in bimetal and welded dissimilar steel joints. I. N. Gerasimenko. Fiz. met. i metalloved. 9 no. 4:520-524 Ap '60.

Characteristics of diffusion redistribution of carbon in undercooled austenite. L. S. Palatnik, I. A. Tumanko. Fiz. met. i metalloved. 9 no. 4 554-557 Ap '60.

Dendritic structure of primary crystallites in steel ingots. N. K. Ipatov. Fiz. met. i metalloved. 11 no. 5, 759-765 My '61.

Heterogeneity in the distribution of texture and internal stresses in the cross-section of a cold-rolled sheet of electrical steel. I. P. Kuchiavtsev, V. V. Druzhinin. Fiz. met. i metalloved. 11 no. 5:762-768 My '61.

Investigating martensite transformation in isolated austenite of carbon free iron alloys. A. P. Gulinov, V. D. Zelenova. Fiz. met. i metalloved. 9 no. 4 525-529 Ap '60.

Investigating the effect of various methods of remelting armco-type electrical steel on its vacuum density. Stal' 21 no. 6:570 Je '61.

Magnetic metallographic method for determining residual austenite in the structure of steel. IU. A. Geller, M. N. Fadiushin. Zav. lab. 27 no. 5:562-565 '61.

Mechanism of recrystallization in the heating of steel. B. A. Leont'ev, T. I. Ivanisenko. Fiz. met. i metalloved. 11 no. 5:746-751 My '61.

Metallographic control of steel for nonmetallic inclusions [with summary in English]. M. S. Mikhailov, L. V. Mironov. Stal' 20 no. 7:647-649 Jl '60.

Nature of bright spots in the fracture of axle steel. V. S. Sagaradze, V. I. Parov. Metalloved. i term. obr. met. no. 5:18-21 My '61.

Nonmetallic inclusions of phosphorus in steel [with summary in English]. O. D. Moldavskii. Stal' 21 no. 5 441-445 My '61.

Phase transformations in transition-type steels. V. I. Prosvirin, E. L. Vinogradskaia, G. A. Molchanova. Fiz. met. i metalloved. 11 no. 5:775-781 My '61.

Structural changes in the boundary zone of weld joints in dissimilar steels. M. A. Gal'perin. Svarka 2:47-57 '59.

STEEL—METALLURGY
(see also subdivision under Czechoslovakia; Ukraine)

At the Chelyabinsk Metallurgical Research Institute. F. F. Kolesanov, A. N. Morozov. Stal' 20 no. 7, 593, 610 Jl '60.

Making of native-alloy steel. R. M. Ivanov. Stal' 21 no. 6:516 Je '61.

Treatment of liquid steel by means of solid synthetic mixtures. V. A. Kudrin and others. Metallurg 6 no. 3:16-17 Mr '61.

Use of scrap metal in the converter process. O. N. Kostenetskii. Metallurg 6 no. 5, 13-15 My '61.

Use of silicon-chromium in open-hearth smelting of steel. M. I. Kolosov and others. Stal' 20 no. 7:607-608 Jl '60.

Use of titanium sponge for the deoxidation of steel. A. N. Vasil'ev, S. I. Bogachev. Metallurg 6 no. 3: 14-16 Mr '61.

Work methods of the steelmaker, V. I. Boldyrev. V. K. Laptev, Z. N. Sarukhanian. Metallurg 6 no. 6:30-31 Je '61.

STEEL—QUENCHING

New technology for the hardening of rail ends. D. M. Rabinovich, O. I. Gurfinkel', V. S. Serebrinkov. Stal' 20 no. 7 650 Jl '60

Principles of heat engineering in the spray quenching of pipe N. Yu. Taits, A. S. Kudinova Stal' 20 no. 7: 653-657 Jl '60

STEEL—STANDARDS
(see also subdivision under United States)

Comments on standards for metals. F. D. Ivanov, V. K. Fridrikhsen Standartizatsiia 25 no. 5:33-36 My '61.

STEEL—TESTING

Causes for the dependence of steel elasticity constants from the magnitude of tensile stresses G. P. Zaitsev Fiz. met. i metalloved. 11 no. 2: 316-318 F '61

Durability of high-strength steels [from "TASM" no. 5, 1959] Metalloved. i term. obr. met. no. 5: 56-57 My '61

Effect of deformation preceding transformations on the mechanical properties of 4340 steel [from "TASM" no. 52, 1960] Metalloved. i term. obr. met. no. 5: 56 My '61.

Practice of tensile testing at temperature up to 1200°C P. R. Rusinov. Zav. lab. 27 no. 5: 591-595 '61

STEEL—WELDING

Carbon diffusion in the fusion zone of dissimilar steels and its effect on the mechanical properties of welded joints B. I. Bruk, G. M. Avdel. Svarka 2: 29-46 '59.

Effect of heat treatment on the properties of fusion edges in welding dissimilar steels M. A. Gal'perin. Svarka 2: 58-70 '59.

Effect of prolonged heating at 450 - 600° on the resilience of austenite-ferrite welds. S. V. Ilinger, M. P. Mel'nikov, V. I. Kogvinov Avtom. svar. 14 no. 6: 14-20 Je '61.

Structural changes in the boundary zone of weld joints in dissimilar steels. M. A. Gal'perin. Svarka 2: 47-57 '59.

Structure of the metal in welded joints in MSt. 3 arsenical steel. A. V. Domakova and others. Avtom. svar. 14 no. 5: 11-19 My '61.

STEEL, HEAT-RESISTANT—WELDING

Characteristics of the electric slag welding of modified, 12-percent heat resistant, chromium steels. A. N. Safonnikov. Avtom. svar. 14 no. 5: 59-60 My '61.

STEEL, STAINLESS

Accelerating the process of drawing austenitic stainless steels. V. P. Martynov. Kuz.-shtam. proizv. 3 no. 5: 11-12 My '61.

STEEL, STAINLESS—METALLOGRAPHY

Reverse transformation of martensite in the process of heating stainless, transition-class steels. D. G. Fel'dgandler, M. V. Pridantsev. Fiz. met. i metalloved. 11 no. 4: 551-558 Ap '61.

STEEL, STAINLESS—PICKLING

Continuous electrolytic contactless pickling of stainless strip and wire. Stal' 21 no. 6: 570 Je '61.

STEEL, STAINLESS—TESTING

Low-temperature impact strength of austenitic steel and the effect on it of small additions of boron. V. V. Levitin. Fiz. met. i metalloved. 11 no. 4: 564-567 Ap '61.

STEEL, STRUCTURAL

New system of size allowances for steel construction elements A. S. Chesnokov. Prom. stroi. 38 no. 5: 51-54 '60.

STEEL, STRUCTURAL—HARDENING

Hardenability of structural steel [with summary in English]. L. N. Davydova. Stal' 21 no. 6: 551-557 Je '61.

Thermal and mechanical treatment of steel for higher strength. IA. M. Lotak and others. Metalloved. i term. obr. met. no. 5: 2-9 My '61.

STEEL, STRUCTURAL—TESTING

Effect of arsenic on carbon and alloyed structural steels [with summary in English]. M. I. Kurmanov, T. F. Filippova. Stal' 20 no. 7: 637-642 Jl '60.

Effect of plastic deformation in the austenitic state on properties of structural alloy steels. E. N. Sokolkov, S. N. Petrova, N. P. Chuprakova. Metalloved. i term. obr. met. no. 5: 12-14 My '61

Heat treated rolled sections of low-carbon steel. P. I. Sokolovskii, V. A. Molotkov, T. M. Kats. Standartizatsiia 25 no. 5: 36-38 My '61.

STEEL, STRUCTURAL—WELDING

Use of high-strength steel in welded structures. N. P. Mel'nikov, L. I. Gladshtein, B. D. Malyshev. Avtom. svar. 14 no. 6: 47-55 Je '61.

STEEL ALLOYS

Production of low-alloy bessemer rail steel [with summary in English]. M. A. Gershgorn and others. Stal' 21 no. 5: 404-408 My '61.

STEEL ALLOYS—CORROSION

Increasing the resistance of 1Kh18N9T steel to intercrystalline corrosion with titanium content at the lower limit. Stal' 21 no. 6: 557 Je '61.

STEEL ALLOYS—METALLOGRAPHY

Distribution of molybdenum and tungsten between the solid solution and the carbide phase in alloyed steels [with summary in English]. N. F. Lashko, N. M. Popova. Stal' 20 no. 7: 642-644 Jl '60

STEEL ALLOYS—METALLURGY

Making of low-alloy steels in 500-ton open-hearth furnaces [with summary in English]. E. V. Abrosimov and others. Stal' 21 no. 6: 499-501 Je '61.

"Principles of steel alloying" by V. S. Meshkin. Reviewed by A. P. Gulliaev and others. Stal' 21 no. 5: 454-455 My '61.

STEEL ALLOYS—TESTING

Properties of low-carbon steel following hardening and tempering K. P. Staroduboy, IU. Z. Borkovskii Metalloved. i term. obr. met. no. 5: 15-18 My '61.

STEEL ALLOYS—WELDING

New rods for the welding of high-alloy steels and alloys. B. I. Medovar. Avtom. svar. 14 no. 5: 93-94 My '61.

Preheating of low-alloy steels in manual electric arc welding M. Z. Pogorel'skaia. Svarka 2: 121-130 '59.

Semiautomatic welding of low-carbon steel in an atmosphere of carbon dioxide P. D. Kudinov, V. S. Aristov Svarka 2: 203-213 '59.

STEEL CASTINGS

Improving the foundry properties of EI349 steel. N. P. Zhetvin. Stal' 21 no. 6: 570 Je '61.

Studying the factors having an effect on the wear resistance of G13L steel castings. N. P. Zhetvin. Stal' 21 no. 6: 557 Je '61.

STEEL INDUSTRY
(see also subdivision under Dneprodzerzhinsk, Uzbekistan; Zaporozh'ye)

In the shop manufacturing bent sections. Mash. tekh. 5 no. 2: 7 F '61.

Sailors' steel V. Perventsev. Sov. mor. 20 no. 4: 9 F '60.

STEEL INDUSTRY—TECHNOLOGICAL INNOVATIONS

Promote the role of primary organizations. E. Dzhaparidze, A. Maslennikov NTO 2 no. 5: 53-54 My '60.

STEEL INGOTS

Bottom pouring of rimmed steel with lateral metal feed. A. N. Lekontsev. Stal' 21 no. 6: 514-516 Je '61.

Casting of high-alloy steels [with summary in English]. V. P. Osipov and others. Stal' 21 no. 5: 415-418 My '61

Dendritic structure of primary crystallites in steel ingots. N. K. Ipatov. Fiz. met. i metalloved. 11 no. 5: 759-765 My '61.

Developing a process for the production of semikilled steel. N. P. Zhetvin. Stal' 21 no. 6: 518 Je '61.

Floor-type stripping machine with a floating shaft. L. S. Liulenkov, S. P. Kuchnev. Stal' 21 no. 5: 478-479 My '61

Heating of the riser head on 2, 6 and 4, 5-ton ingots by means of lightweight grog refractories. IU. D. Smirnov. Stal' 21 no. 6: 518 Je '61.

Increasing the durability of closed-bottom molds. V. S. Krasovitskii, E. K. Turchenkova, R. M. Egmus. Stal' 21 no. 5: 475-476 My '61.

Riser head with air space in the wall. F. F. Sviridenko and others. Metallurg 6 no. 5: 15-18 My '61.

Semikilled and capped steel. A. IA. Shneerov. Stal' 21 no. 6: 516-518 Je '61.

Structure of a continuous ingot of rimmed steel [with summary in English]. G. M. Itskovich, V. B. Gankin. Stal' 21 no. 6: 505-514 Je '61.

STEEL INGOTS—DEFECTS

At the Yenakiyevo Metallurgical Plant, A. G. Malinovskii, A. S. Babii. Stal' 20 no. 7: 593, 610 Jl '60.

STEEL PIPE see Pipe, Steel

STEELWORKS—TECHNOLOGICAL INNOVATIONS see subdivision under Moscow

STEELYARDS—TESTING

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instruction 50-57 for checking equal-arm steelyards] Instruktsiia 50-57 po poverke rychazhnykh bezmenov. Izd. ofitsial'noe. Moskva, 1957. 6 p.

STEERING GEAR

Auxiliary steering gears of new vessels. A. Strakhov. Rech. transp. 19 no. 2: 26-29 F '60.

STEFANYK, VASYL' SEMENOVYCH, 1871-1936

Vasyl' Stefanyk. P. Dovhaliuk. Volov. ateist no. 5: 47-49 My '61.

STEINMETZ, CHARLES PROTEUS, 1864-1923

Attention paid to inventors. A. M. Nikolaev. Nauka i zhizn' 27 no. 4: 14 Ap '60

STEL'MAKH, MYKHAILO PANASOVYCH, 1912-

How M. P. Stel'makh uses folk art in his literary works D. M. Bilets'kyi Nar. tvorch. ta etn. 5 no. 1: 126-132 Ja-I '61.

Mykhailo Stel'makh's trilogy. Petro Morhalenko. Ukraina no. 10: 4 My '61.

STEMPKOVSKII, ARSENII MIKHAILOVICH

The albums of an old textile worker. Moskva 5 no. 4: 156-157 '61.

STENCILS AND STENCIL CUTTING

Stencils for automobile numbers. N. Kozmilevich. Avt. transp. 39 no. 4: 45 Ap '61.

STENDHAL, pseud see Beyle, Marie Henri, 1783-1842

STEPNOY ZAY RIVER—DAMS

Construction of a precast reinforced concrete dam on the Stepnoy Zay River. N. G. Shtamburg. Gidr. stroi. 31 no. 4: 20-22 Ap '61.

Precast reinforced concrete dam on the Stepnoy Zay River. V. I. Stankevich. Gidr. stroi. 31 no. 4: 13-19 Ap '61.

STEPPE FLORA see subdivision under Leninskiye Gory

STEPPES

A word about the steppe. V. Movchan Ogonek 39 no. 22: 20 My '61.

STEREOSCOPIC PHOTOGRAPHY see Photography, Stereoscopic

STERILITY

Vascularization of the fallopian tubes under normal and pathological conditions [with summary in English] V. P. Pichuev Arkh. anat. gist. i embr. 40 no. 2: 94-100 F '61

STERILITY IN PLANTS

Methods of obtaining sterile forms of onion [with summary in English]. A. A. Kazakova. Trudy po prikl. bot., gen. i sel. 32 no. 3: 304-305 '59.

STEROIDS

Amount of 17-ketosteroids in the urine of patients with tuberculosis of the lungs and diabetes mellitus, preliminary report G. F. Limanskaia. Probl. endok. i gorm. 7 no. 2: 62-64 Mr.-Ap '61

Dioscorea as a source of raw material for the synthesis of steroid hormones. V. I. Kuchenko. Med. prom. 15 no. 3: 17-20 Mr '61.

Effect of some hormonal and medicinal substances on receptors of the venae cavae and heart; experimental and morphological investigations [with summary in English] IA. L. Karaganov. Arkh. anat. gist. i embr. 40 no. 4: 106-113 Ap '61.

Interaction between organolithium compounds and steroid keto oxides N. N. Suvorov, L. V. Sokolova, N. V. Makarov Izv. AN SSSR, Otd. khim. nauk no. 5: 934 My '61.

Lesions of the adrenal cortex in thromboangiitis. Z. L. Gordon. Klin. med. 39 no. 5: 80-86 My '61.

Using thin-layer chromatography for the separation of steroid compounds. A. A. Akhrem, A. I. Kuznetsova Dokl. AN SSSR 138 no. 3: 591-594 My '61.

STICKLEBACKS

Care of the mites. V. Volodin. Doshk. vykh. 22 no. 5: 38 My '61.

STIKKER, DIRK UIPKO

Nato's superman. I. Sotnikov. Nov. vrem. 10 no. 22: 18-19 My '61.

STILBENE

Diphenylethylene complexes with tin tetrachloride and organotin chlorides. I. P. Gol'dshtein and others. Dokl. AN SSSR 138 no. 4: 839-842 Je '61.

STILLBIRTH

Cause of stillbirth and ways of preventing it. A. IA. Markov. Fel'd. i akush. 26 no. 4: 22-25 Ap '60.

STOCK AND STOCKBREEDING
(see also subdivision under Chita Province; Dengizskiy District; Kostroma Province; Kursk Province; Lipetsk District; Mogilev District, Rostov Province; Spasskiy District, Ryazan Province; Ukraine; Velikomikhaylovka District; Verkhnechirchikskiy District)

Economic basis of methods for mechanizing work on stockbreeding farms. M. I. Gorlachkin. Dokl. i soob. VNIESKH no. 6: 154-168 '60.

Machinery for summer field shelters. L. I. Bryzhalin. Mekh. sil'. hosp. 12 no. 5: 19 My '61.

STOCK AND STOCKBREEDING—ACCOUNTING see subdivision under Daghestan

STOCK AND STOCKBREEDING—BIBLIOGRAPHY see Bibliography—Stock and stockbreeding

STOCKHOLM—ARCHIVES

A review of the collection of Novgorod documents in the Swedish State Archives in Stockholm. I. V. Cherepnin. Probl. istoch. no. 9: 221-257 '61.

STOIANOVSKII, SEMEN

Pages from a discovered diary. Isk. kino no. 6: 89-93 Je '61.

STOMACH

Antimicrobial substance from the cuticle of the gizzards [with summary in English]. G. F. Kuranov. Antibiotiki 6 no. 2:189-191 F '61.

Contractions of the forestomach in calves. K. P. Mikhal'tsov. Fiziol. zhur. 47 no. 3:349-355 Mr '61.

Effect of stimulation of the mechanoreceptors of the stomach on the hematopoietic property of gastric juice. A. I. Karaev, A. K. Musnova. Fiziol. zhur. 47 no. 5: 617-623 My '61.

Gastralgia as one of the early forms of exacerbation in lead intoxication. N. G. Prikhodchenko, B. A. Atchabarov. Trudy Inst. kraev. pat. AN Kazakh. SSR 8: 200-210 '60.

Glutaminase and asparaginase in the gastric mucosa [with summary in English]. Iu. Zalesskaia, E. Martinson, L. Tiakhepyl'd. Biokhimiia 26 no. 2:281-283 Mr-Ap '61.

Influence of sulfanilamides and antibiotics on the secretory and motor function of the stomach. A. A. Akilov. Lech. infekts. bol'. no. 4:47-52 '60.

Periodic motor activity of the stomach during digestion [with summary in English]. V. G. Startsev. Biul. eksp. biol. i med. 50 no. 10:12-16 O '60.

Problem of the efferent regulation of receptors; based on an example of lingual chemoreceptors [with summary in English]. A. I. Esakov. Biul. eksp. biol. i med. 51 no. 3:3-8 Mr '61.

Some data on the linctorial and morphological properties of acid-fast bacteria. V. N. Kolmykova. Lab. delo 7 no. 5:44-46 My '61.

STOMACH—CANCER

Analysis of 644 observations on stomach cancer. F. IA. TSybul'skii. Med. zhur. Uzb. no. 11:32-34 N '60.

Experimental gastric cancer. E. D. Klimenko. Pat. fiziol. i eksp. terap. 5 no. 2:72-77 Mr-Ap '61.

Importance of determining the hyaluronidase activity of blood serum in stomach cancer. Zdrav. Belor. 6 no. 4:18-20 Ap '60.

Two malignant tumors in different organs of a patient. A. A. Ratobyl'skii, N. A. Tishchenko. Zdrav. Belor. 6 no. 4:61-62 Ap '60.

STOMACH—DISEASES

Amount of vitamin B_{12} and iron in blood serum in stomach diseases. E. I. Atakhanov, U. I. Ulmashev. Med. zhur. Uzb. no. 4:8-13 Ap '61.

Influence on stomach function of some physical methods of treatment (diathermy, novocaine electrophoresis, and paraffin applications). P. K. Lipatova. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 1:27-31 '61.

Treatment of urolithiasis with accompanying diseases of the stomach with mineral waters from the Truskavets Health Resort. M. A. Dudchenko. Vop. kur., fizioter., i lech. fiz. kul't. 26 no. 1:50-53 '61.

STOMACH—INFLAMMATION

Exercise therapy in the over-all treatment of chronic gastritis under sanatorium conditions. I. L. Sofronova. Vop. kur., fizioter., i lech. fiz. kul't. 26 no. 1:31-31 '61.

STOMACH—SECRETIONS

Influence of Pyatigorsk radon water on the secretory activity of the stomach in relation to periods of food ingestion. IU. K. Vasilenko. Vop. kur., fizioter., i lech.

"Concise prescription manual for the stomatologist" by I. O. Novik, A. I. Marchenko. Reviewed by G. I. Semenchenko. Stomatologiia 40 no. 1:101 Ja-F '61.

Physical therapy in the stomatological polyclinic. A. G. Shargorodskii, E. A. Maksimova. Stomatologiia 40 no. 2:19-21 Mr-Ap '61.

Resolution of the Third Plenary Session of the All-Union Stomatological Society. Stomatologiia 40 no. 1:106-108 Ja-F '61.

"Surgical stomatology" by A. L. Verlotskii. Reviewed by IA. I. Gutner. Stomatologiia 40 no. 2:102-104 Mr-Ap '61.

Third Plenary Session of the All-Union Stomatological Society. F. IA. Guhaidulina. Stomatologiia 40 no. 1:105-106 Ja-F '61.

STOMATOLOGY—STATISTICS

Basic aspects in the study of diseases of the oral cavity and teeth in the Moscow population in 1958, based on data on requests for medical aid [with summary in English]. T. I. Kudriavtseva. Sov. zdrav. 20 no. 5: 58-62 '61.

STONE—TRANSPORTATION

Unloading stone in the Gorkiy docks using double-jaw grabs. M. Terent'ev, K. Sokolovskii. Rech. transp. 19 no. 2:12-13 F '60.

STONE, CAST

Industrial use of rock material in the Lvov Economic Region. B. M. Davydov, I. S. Usenko. Pyt. i ozy. prod. syl. Lviv. I Stan. ekon. adm. rai. no. 1:110-121 '60.

Lining of cast stone. V. M. Svitidov. TSement 27 no. 2:25-26 Mr-Ap '61.

Stone casting. B. Kh. Khan. Metallurg 6 no. 3:36-37 Mr '61.

STONE AGE

(see also subdivision under Bashkiria, Chirchik)

General historiography of the Paleolithic period. V. T. Illarionov. Uch. zap. GGU no. 46:179-188 '59.

STONE-CARVING see Sculpture

STONE INDUSTRY

Nauchno-tekhnicheskoe obshchestvo stroitel'noi industrii SSSR. [Over-all mechanization and automation in extracting and processing nonmetallic mineral building materials] Kompleksnaia mekhanizatsiia i avtomatizatsiia dobychi i pererabotki nerudnykh stroitel'nykh materialov. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961, 162 p.

STONECUTTING

Fairy tale about five bears. M. Breido. Tekh. mol. 29 no. 5:34-36 '61.

STONES, PRECIOUS see Precious stones

STONY TUNGUSKA RIVER see Podkamennaya Tunguska

STOPING (MINING)

(see also subdivision under Dzhezkazgan)

Reducing the amount of labor for stoping in working vein deposits. M. I. Agoshkov, A. F. Nazarchik. Trudy Inst. gor. dela 5 3-11 '60.

STOPING (MINING)—MODELS see subdivision under Kuznetsk Basin

STORAGE BATTERIES

In regard to V. G. Vasil'ev's article "Decreasing the number of elements in lead-acid storage batteries at electric power plants." B. Z. Vainshtein. Elek. sta. 32 no. 5:93 My '61.

"Rolled" storage batteries. A. Preanikov. IUn. tekh. 5 no. 1:31 Ja '61.

STOVES

Heating the excavator operator's cab. Transp. stroi. 11 no. 4:54 Ap '61.

STRAIN GAUGES

Operating the UTS1-VT-12 universal strain-measuring units. IU. N. Samoilov. Izm. tekh. no. 6:16-18 Je '61.

Use of strain gauges for testing marine internal combustion engines. F. Katsman, A. Shmelev, L. Loginov. Mor. flot 21 no. 5:22-23 My '61.

STRAIN GAUGES—TESTING

Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 236-56 for checking strain gauges] Instruktsiia 236-56 po poverke tenzometrov. Izd. ofitsial'noe. Moskva, 1957. 22 p.

STRAINS AND STRESSES

Determining stresses occuring in bulldozer pushblades. A. E. Mitrofanov. Izv. vys. ucheb. zav., les. zhur. 3 no. 1:83-87 '60.

Device for determining stress relaxation in wire. L. A. Krasil'nikov, V. A. Chertousov. Zav. lab. 27 no. 5: 614-615 '61.

Effect of internal friction on stresses in beams and slabs subjected to impulsive loads. E. S. Sorokin. Stroi. mekh. i raschet. soor. 2 no. 2:14-18 '60.

Effect of mechanical stresses on secondary electron emission from beryllium oxide. A. M. Tiutikov. Dokl. AN SSSR 136 no. 5:1063-1065 F '61.

Mechanism of brittle fracture of metal crystals. L. A. Kochanova, I. D. Shchukin, V. I. Likhtman. Fiz. tver. tela 3 no. 3:902-910 Mr '61.

Opeiko, F. A. [Design stresses; theory of strength] Raschetnye napriazhenita; teoriia prochnosti. Minsk, Izd-vo Akad. sel'khoz. nauk BSSR, 1960. 19 p.

Performance of eccentrically compressed reinforced concrete short struts subjected to long-time loads. L. IA. Vinet. Bet. i zhel.-bet. no. 5, 227-231 My '60.

Plane problem in the theory of elasticity for a circular hole. V. V. Eganian. Sbor. nauch. trud. ERPI no. 20: 191-203 '59.

Stresses transmitted to pier structures at the approach of a vessel. V. IA. Korchagina. Trudy TSNIIMF 7 no. 32: 31-40 '61.

Time strength relation in dynamic tension. B. M. Rovinskii, L. M. Rybakova. Fiz. met. i metalloved. 9 no. 4: 598-605 Ap '60.

Unsafe residual-stresses state in a point of an elastic solid. P. V. Mal'tsev. Trudy MIIT no. 131:100-107 '61.

Wharf structures on cylindrical supports calculated for strength and deformation under the effect of horizontal stresses. S. N. Kuznechkin, A. A. Dolinskii. Trudy TSNIIMF 7 no. 32: 3-16 '61.

STRAKHOV, TIMOFEI DANILOVICH, 1880-1960

Timofei Danilovich Strakhov: obituary. M. Podojilchko, V. Bilai. Mikrobiol. zhur. 23 no. 1:85-86 '61.

STRASHENY DISTRICT—VITICULTURE

Regeneration of vineyards is an important condition for the strengthening of the collective-farm economy. A. Popov. Komm. Mold. 6 no. 5:34-38 My '61.

STRASHNOV, AL'VIAN

A great start. Aleksandr Alinin. Sov. Ukr. 11 no. 5:107-115 My '61.

STRATIGRAPHIC GEOLOGY see Geology, Stratigraphic

STRATIGRAPHIC PALEONTOLOGY see Paleontology, Stratigraphic

STRATOSPHERE see Atmosphere, Upper

STRAUPE, BORIS PETROVICH, 1909-1960

Boris Petrovich Straupe. Gidr. stroi. 31 no. 4:62 Ap '61.

STRAW

Machinery for harvesting hay and straw. O. V. IAkymenko. Mekh. sil'. hosp. 12 no. 5:3-5 My '61.

STRAWBERRIES

European strawberry. V. I. Dolgoshov. Priroda 50 no. 6:124-125 Je '61.

Flowering and ripening time of strawberries in central regions of the non-Chernozem belt of the European part of the U.S.S.R. B. I. Ogorodnikov. Trudy TSIP no. 107:41-50 '61.

STREETCARS

Use of capron in the repair of streetcar mechanical equipment. V. I. TSekov, E. G. Shilin. Plast. massy no. 6:60-62 '61.

STREETS

Role of landscaping in building transportation arteries. N. N. Bocharova. Gor. khoz. Mosk. 35 no. 4:13-14 Ap '61.

STREETS—MAINTENANCE AND REPAIR

Chasms in city streets. B. I. Atadinskii. Avt. dor. 24 no. 3:32 Mr '61.

STRELA COMPUTER

Adjustment of triangulation systems by the use of electronic computers. V. A. Kougiia. Izv. vys. ucheb. zav.; geod. i aerof. no. 6:69-82 '60.

STRENGTH OF MATERIALS

High strength of single crystals. R. I. Garber, L. A. Gindin, IU. V. Shubin. Fiz. tver. tela 3 no. 3:918-919 Mr '61.

Methods of heating specimens by passing electric current in the course of programmed testing for long-period strength. V. I. Kovpak. Zav. lab. 27 no. 5:585-589 '61.

STREPTOCOCCAL INFECTIONS

Comparative experimental study of erythromycin, tetracycline, and penicillin in coccal infections [with summary in English]. V. R. Sobolev, G. Sh. Baskanchiladze. Antibiotiki 6 no. 3:228-231 Mr '61.

Effect of microcide on the staphylococcal flora in chronic diffuse strepto-staphyloderma. H. K. Sakhnovs'ka, IE. O. Shablovs'ka, S. I. Dovzhans'kyi. Mikrobiol. zhur. 23 no. 1:67-69 '61.

Morphology of experimental streptococcal infection with a primary intradermal focus in rabbits [with summary in English]. L. A. Rakhmanova and others. Biul. eksp. biol. i med. 50 no. 7:107-111 Jl '60.

STREPTOCOCCUS

Capacity for sensitization of the parenchymatous organs of kittens and white mice infected with the causative agent of dysentery and with streptococci [with summary in English]. M. V. Zemskov. Biul. eksp. biol. i med. 50 no. 10 92-97 O '60.

STREPTOCOCCUS FAECALIS

Effect of certain halogen derivatives of phenylalanine on decarboxylases in Streptococcus faecalis [with summary in English] N. N. Lestrovaia, S. R. Mardashev Biokhimiia 25 no. 2 227-232 Mr-Ap '60

STREPTOMYCIN

BCG and streptomycin therapy in rabbits of osteoarticular tuberculosis caused by Mycobacterium tuberculosis resistant and sensitive to streptomycin. T. B. Il'ina Probl. tub. 39 no. 3 61-68 '61

Combined use of streptomycin and human gamma-globulin in experimental whooping cough infection in mice [with summary in English] A. Toshkov, G. Sheikova, K. Nocva. Antibiotiki 5 no. 2 167-69 Mr-Ap '60

Determination of streptomycin sensitivity in patients with tuberculosis by an intradermal test with this preparation. M. I. Medvedeva. Probl. tub. 38 no. 3 115-117 '60.

Dynamics of the increased resistance and crossed resistance to antibiotics of the neomycin complex monomycin, kanamycin and streptomycin [with summary in English] V. A. Shorin, S. P. Shapovalova Antibiotiki 6 no. 1, 67-71 Ja '61

Effect of carbon sources on the biosynthesis of streptomycin [with summary in English] S. V. Gorskaia, V. A. Severin. Antibiotiki 6 no. 4 310-315 Mr '61

Effect of streptomycin on the carrying of enteropathogenic coli bacilli resistant to this antibiotic [with summary in English] A. B. Chernomordik, M. S. Baraskaia Antibiotiki 6 no. 4 339-343 Ap '61

Influence of streptomycin on auditory adaptation [with summary in English]. A. A. Kornienko. Vest. otorin. 22 no. 1 21-25 Ja-F '60.

Stability of streptomycin sulfate during prolonged storage under different conditions V. L. Shirlaeva, V. G. Bachurina Antibiotiki 6 no. 1 76-78 Ja '61.

Study of higher nervous activity in experimental tuberculosis Report No. 1 Conditioned food secretory reflexes in dogs against the background of tuberculosis infection and during streptomycin therapy [with summary in English]. I. P. Gaber, G. S. Kan, V. K. Krasuskii. Biul. eksp. biol. i med. 50 no. 7, 46-51 Jl '60.

Fatal pathomorphological characteristics of hematogenous-disseminated pulmonary tuberculosis following prolonged streptomycin therapy R. I. Danilova Sbor. trud. Uz. nauch.-issl. tub. inst. 3 165-171 '57

Transfer to staphylococci of resistance to trivanol, streptomycin and copper by means of acellular extracts [with summary in English]. V. A. Lambina. Mikrobiologiia 30 no. 1 60-66 Ja-F '61

Treatment of simple dyspepsia with streptomycin. I. Muradov. Fel'd. i akush. 26 no. 5 49 My '61.

STRESS (PHYSIOLOGY)

Effect of overexertion of the process of differential inhibition on the regeneration of skeletal muscle in white rats [with summary in English]. N. E. Kovaleva Biul. eksp. biol. i med. 51 no. 2 103-107 F '61.

STRIKES AND LOCKOUTS see subdivision under Belgium; Don Valley; Ukraine, Western

STRING QUARTET see subdivisino under Moscow

STRIP MINING

(see also subdivision under Kustanay Province; Kuznetsk Basin)

Arsent'ev, A. I. [Determining the productivity and boundaries of strip mines] Opredelenie proizvoditel'nosti i granits kar'erov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 242 p.

Determination of efficient limits of strip mining in the case of thick, steeply dipping deposits. IU. N. Posokhov Izv. vys. ucheb. zav., gor. zhur. no. 2 19-22 '60.

[Mining handbook] Spravochnik po gornorudnomu delu. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu.

Vol. 1. [Strip mining] Otkrytye raboty. Red. kol. toma B. P. Bogoliubov i dr. Nauchn. red. toma E. F. Sheshko i V. V. Rzhevskii. 1960. 926 p.

New variant of conveyer-bridge waste dumping systems in strip mining. P. V. Molchanov. Ugol' 36 no. 4 48-52 Ap '61.

Optimum incline of open-pit haulage roadways. V. S. Khokhriakov. Izv. vys. ucheb. zav.; gor. zhur. no. 3 3-8 '60.

Scientific and technical cooperation of the countries of the socialist camp ("Problems in mechanizing open mining and earthwork operations"). Reviewed by Kh. L. Troitskii. Stroi. i dor. mash. 6 no. 2 35-36 F '61.

Technical and economic evaluation of the method of inclined slim-hole drilling in connection with blasting in open-pit mining. N. U. Turuta, A. T. Galimullin. Izv. vys. ucheb. zav.; gor. zhur. no. 3 53-57 '60.

STRIP MINING—COLD WEATHER CONDITIONS

Tiazhelov, V. I. [Working a deposit by open-pit mining in the winter time] Razrabotka mestorozhdenii otkrytym sposobom v zimnii period. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1958. 127 p.

STRONTIUM

Internal friction in strontium. A. I. Dashkovskii, E. M. Savitskii. Fiz. met. i metalloved. 11 no. 5 811-812 My '61.

Typomorphic occurrences of strontium in Quaternary deposits of the arid zone. V. V. Dobrovolskii Dokl. AN SSSR 136 no. 1 199-201 Ja '61

STRONTIUM—ANALYSIS

Determination of radioactive strontium in waters of open reservoirs V. L. Zolotavin, L. N. Ponomareva Radiokhimiia 2 no. 1 104-106 '60

STRONTIUM—ISOTOPES

Anomalous isotopic composition of strontium in minerals from metamorphic rocks [with summary in English] M. L. IAshchenko, E. S. Varshavskaia, I. M. Gorokhov. Geokhimiia no. 5 420-425 '61.

Effect and aftereffect of the radioisotope strontium-90 on plants R. A. Shishova Dokl. AN SSSR 138 no. 4 948-951 Je '61

Migration of Sr^{90} in the biological chain: plant-sheep-fetus [with summary in English]. L. A. Buldakov, IU. I. Moskalev. Biul. eksp. biol. i med. 50 no. 10 111-113 O '60

Sorption of long-lived fission products by the soil and by clayey minerals. IU. A. Kokotov, R. F. Popova, A. P. Urbanluk. Radiokhimiia 3 no. 2:199-206 '61.

STRONTIUM STANNATE

X-ray and electric investigation of solid solutions in the system $PbTiO_3$ - $SrSnO_3$. S. A. Fedulov and others. Fiz. tver. tela 3 no. 3 959-963 Mr '61.

STRONTIUM TITANYL OXALATE

Preparation and thermographic study of barium, lead and strontium titanyl oxalates. B. V. Strizhkov, A. V. Lapitskii, L. G. Vlasov. Zhur. prikl. khim. 34 no. 3:673-674 Mr '61.

STROPHANTHIN

Effect of heparin and dicoumarin on the toxicity and concentration of strophanthin [with summary in English]. IA. I. Zaidlis, E. I. Gvozdeva. Farm. i toks. 24 no. 1:80-84 Ja-F '61.

Effect of some hormonal and medicinal substances on receptors of the venae cavae and heart; experimental and morphological investigations [with summary in English] IA. L. Karaganov. Arkh. anat. gist. i embr. 40 no. 4 106-113 Ap '61.

Effect of strophanthin, euphyllin and certain diuretics on blood coagulation in patients with circulatory insufficiency [with summary in English] M. A. Khakhanov Terap. arkh. 31 no. 4 46-52 Ap '59

Some results of the use of strophanthin in coronary insufficiency. D. M. Abdullaev. Azerb. med. zhur. no. 4: 87-92 Ap '60.

STRUCTURAL FRAMES

Approximate method for designing multistoried multispan frames for horizontal loads A. S. Kalmanok Stroi. mekh. i rasch. soor. 2 no. 2 32-36 '60.

Combined method of determining the frequency of natural vibrations in structural frames. S. A. Dobradeev. Trudy Ural. politekh. inst. no. 99:45-60 '60.

Design of frames with a large number of joints. V. K. Krylov. Stroi. mekh. i rasch. soor. 3 no. 2 22-28 '61.

Faster means of calculating multispan frames of industrial plants. M. S. Azarenko, V. M. Azarenko Stroi. mekh. i rasch. soor. 3 no. 2 39-44 '61.

Forced vibrations in fixed frames. S. A. Dobrodeev. Trudy Ural. politekh. inst. no. 99:31-44 '60.

Limited use of the strain analysis of single-span asymmetrical frames with fixed supports. V. N. Kazarnov Stroi. mekh. i rasch. soor. 2 no. 2 27-32 '60

Spatial stability of flat frames. M. A. Filimonov. Trudy NPI 91:53-60 '60.

Stability of rods of stepwise varying profile. S. A. Rogitskii. Trudy Ural. politekh. inst. no. 99:5-33 '60.

STRUCTURAL FRAMES—TESTING

Iakritskii, D. E. [Fatigue of metals in structural frames] Ustalost' metallov v konstruktsiiakh. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1960. 85 p.

STRUCTURAL FRAMES—WELDING

Relaxation tests to determine the conditions of tempering welded structures and the heat resistance of steel. A. N. Perov. Svarka 2 131-138 '59.

Use of high-strength steel in welded structures. N. P. Mel'nikov, L. I. Gladshtein, B. D. Malyshev. Avtom. svar. 14 no. 6:47-55 Je '61.

STRUCTURES, THEORY OF

Applying the trigonometric interpolation to problems in the theory of structures. B. IA. Lashchenikov. Trudy MIIT no. 131:276-295 '61.

Calculations for bars with a spatial broken axis. V. A. Gorin Stroi. mekh. i rasch. soor. 3 no. 2 16-22 '61

STRUCTURES, THEORY OF—BIBLIOGRAPHY see Bibliography—Structures, Theory of

STRUEVERITE see subdivision under Altai Mountains

STRYCHNINE

Changes in the sensitivity of strychnine in the ontogenesis of the reflex act D. A. Sakharov, Katalin Veresh Dokl. AN SSSR 136 no. 1 253-255 Ja '61

Experience with strychnine in the prevention of radiation sickness during radiotherapy. P. M. Leonov Med. rad. 6 no. 3:7-11 '61

STUDENT ACTIVITIES

(see also subdivision under Gorkiy Province, Leningrad, Moscow)

Characteristics of educational work with students in connection with their participation in production work E. N. Mokerova Shkola i proiz. v. 5 no. 5 37-39 My '61

Good initiative and useful deeds Nar. obr. no. 5 27-35 My '61.

Students are building P. I. Popov, G. K. Shilovskaia. Det. dom. 16 no. 1 65-66 '60.

Work training in orphanages. L. N. Panferova. Det. dom 16 no. 4 24-33 '60

STUDENT EMPLOYMENT

Andreev, V. S., and IU. P. Orlovskii. [The legal status of persons who combine their studies with work] Pravovoe polozhenie lits sovmeshchaiushchikh obuchenie s proizvoditel'nym trudom. Moskva, Izd-vo Akad. nauk SSSR, 1961. 229 p.

STUDENT TEACHING

(see also subdivision under Kiev)

Content of pedagogical practice of the first, second and third year students and the forms of its supervision IU. I. Kastorskii Sov. pedag. 25 no. 1 89-97 Ap '61

Methodological conference on teaching practice I. F. Antonova Vest. Mosk. un. Ser. 5 Geog. 16 no. 3 58-59 My-Je '61

Organizing and conducting geography evenings at school by the students of geography faculties as part of practice teaching F. A. Bakeeva Uch. zap. Stal. gos. ped. inst. no. 21 107-110 '59.

STUDENTS

(see also subdivision under Lithuania, Venezuela)

In a close family Vsem. stud. nov. 15 no. 2 10-11 F '61

STUDENTS, FOREIGN see subdivision under Moscow

STUDENTS, POLISH see subdivision under Kiev

STUDENTS, UZBEK see subdivision under Moscow

STUDENTS' SOCIETIES

(see also subdivision under Algeria, Greece; Nicaragua; Uruguay)

Beginning of a long track Mazen Husseini Vsem. stud. nov. 15 no. 2 1-2 F '61

STUDENTS' SOCIETIES—CONGRESSES

Hopes that did not come true. Abu Gidary. Vsem. stud. nov. 15 no. 1, 18-20 Ja '61

On both sides of the gate. Vsem. stud. nov. 15 no. 1 21-22 Ja '61.

STUPINO DISTRICT—TEACHING

They work without holding students back for a second year E. Rykova. Nar. obr. no. 5 53-58 My '61

STURGEONS

Effect of water of various salinity on the survival of sturgeon sperm, eggs, and larvae. B. M. Drabkina. Dokl. AN SSSR 138 no. 2 492-495 My '61.

Latent differentiation of the material of the acoustic vesicle in the sturgeons Acipenser guldenstadtii and A. stellatus. E. V. Chulitskaia Dokl. AN SSSR 138 no. 3 718-721 My '61.

STYLE, LITERARY

The culture of language. P. I. Horets'kyi. Rad. lit. 5 no. 2 31-45 Mr-Ap '61

Intercollegiate conference on literary style. Vest. Mosk. un. Ser. 7: Filol., zhur. 16 no. 1 96 Ja-F '61

The language of belles-lettres, based on a discussion of the topic "Word and image." S. A. Koporskii. Vest. Mosk. un. Ser. 7: Filol., zhur. 15 no. 2 37-54 Mr-Ap '60.

STYRENE

Action of fast electrons on the structure of polystyrene [with summary in English]. N. A. Slovokhotova, Z. F. Il'icheva, V. A. Kargin. Vysokom. soed. 3 no. 2: 191-197 F '61.

STYRENE (Continued)

Determination of the diffusion coefficient of poly-p-chlorostyrene fractions in chloroform [with summary in English]. K. G. Berdnikova, K. A. Astanian. Vysokom. soed. 3 no. 2,228-231 F '61.

Effect of the grafting of polystyrene on some properties of oriented polyethylene [with summary in English]. T. E. Lipatova, Iu. S. Lipatov, N. L. Tutneva. Vysokom. soed. 3 no. 2,184-190 F '61.

Electric conductivity of polymers. Part 1: Effect of dipole polarization (polystyrene, poly-β-chlorostyrene, styrene-acrylonitrile copolymer) [with summary in English] B. I. Sazhin, M. P. Eidel'nant. Vysokom. soed. 3 no. 5 761-767 My '61

Kinetics of the dehydrogenation of ethyl benzene to styrene. A. A. Balandin, O. K. Bogdanova, I. P. Belomestnykh. Dokl. AN SSSR 138 no. 3 595-597 My '61

Manufacture of styrol. N. Bubyr'. Po.h. delo 7 no. 5 5-6 My '61.

Mechanism of radiation polymerization. Part 1: Mechanism of gamma-ray induced carbonium polymerization of isobutylene and styrene [with summary in English] A. P. Shenker, A. D. Abkin. Vysokom. soed. 3 no. 5 716-723 My '61

Ordering processes in a system containing a graft copolymer based on isotactic and atactic polystyrene [with summary in English]. V. A. Kargin, V. P. Shibaev, N. A. Plate. Vysokom. soed. 3 no. 2:299-305 F '61.

Polymerization under pressure of α-methylstyrenes substituted at the nucleus. Part 7. α-Methylstyrene containing Sn, Pb, and Ge [with summary in English] A. M. Polukarova, V. V. Korshak, E. S. Tambovtseva. Vysokom. soed. 3 no. 5:662-664 My '61.

Reaction of acetoacetic ester with β-nitrostyrenes. A. S. Supova, A. A. Temp. Zhur. ob. khim. 31 no. 5 1532-1534 My '61

Synthesis and properties of graft copolymers of isotactic and atactic polystyrenes [with summary in English]. N. A. Plate and others. Vysokom. soed. 3 no. 2: 292-298 F '61.

Thermomechanical investigation of polydiphenylsiloxyethylene fumarate-styrene copolymers [with summary in English]. M. A. Bulatov, S. S. Spasskii. Vysokom. soed. 3 no. 2 208-212 F '61.

STYRENE POLYMERS—THERMAL PROPERTIES

Specific heat of polymethyl methacrylic acid and polystyrene at low temperatures [with summary in English] I. V. Sochava. Vest. LGU 16 no. 10 70-72 '61

SUBMARINE BOATS

Submarine planer. N. Morozovskii. Tekh. mol. 29 no. 5: 24-25 '61.

SUBMARINE GEOLOGY see subdivision under Caspian Sea; Maritime Territory

SUBMARINE WARFARE

A duel. E. Shchekotov. Sov. mor. 20 no. 4 10-11 F '60

SUBSIDENCES (EARTH MOVEMENTS)

Research on rock displacement in working placer deposits under permafrost conditions. V. V. Kloresko. Izv. vys. ucheb. zav.; gor. zhur. no. 12 3-14 '59.

SUBSTITUTE FOR METALS see Metals, Substitute for

SUBSTITUTION (CHEMISTRY)

Laws governing the substitution of alkyl groups for hydrogen atoms in the benzene nucleus. Part 9: Orientation of the alkyl groups in the catalytic alkylation of benzene in the presence of acid catalysts [with summary in English] I. A. Alekseeva and others. Zhur. fiz. khim. 34 no. 4:726-733 Ap '60.

SUBVERSIVE ACTIVITIES

On the boundary of our fatherland. O. Ol'shans'kyi, L. Korenevych. Ukraina no. 10:8-9 My '61.

SUBWAYS

(see also subdivision under Kiev; Moscow)

Limanov, Iu. A. [Subways] Metropolitany. Moskva, Vsesoiuznoe izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 315 p.

SUCCINIC ACID

Thiomalic acid as a reagent for the photometric determination of molybdenum [with summary in English]. A. I. Busev, Chzhan Fan' (Chang Fan). Zhur. anal. khim. 16 no. 2:171-179 Mr-Ap '61.

SUCCINIC DEHYDROGENASE

Comparative cytochemical study on the activity of succinic dehydrogenase and alkaline phosphatase in the cells of primary explanted and transplanted tissue cultures. [with summary in English]. V. G. Zaslavskii. Biul. eksp. biol. i med. 51 no. 2:107-110 F '61.

Cytochemical study of the activity of succinic dehydrogenase in explanted cells [with summary in English]. V. G. Zaslavskii, A. M. Amchenkova. Biul. eksp. biol. i med. 51 no. 1:91-94 Ja '61.

Succinic dehydrogenase in sodium-reabsorbing segments of vertebrate nephrons. Iu. V. Natochin, T. V. Krestinskaia. Fiziol. zhur. 47 no. 3:388-392 Mr '61.

SUCCINIC OXIDASE

Inhibition of the succinic oxidase reaction from Trypanosoma cruzi [with summary in English]. V. N. Gershanovich, N. V. Kuznetsova, N. N. Bunina. Biokhimiia 26 no. 2:323-331 Mr-Ap '61.

SUCROSE

Influence of carbohydrates on the erythrocytes of the blood stabilized with natrog (sodium 2,3,4-trioxyglutaricoxid) [with summary in English, p. 62]. P. S. Vasil'ev, M. M. Rudashevskaia. Probl. gemat. i perel. krovi 5 no. 3:39-43 Mr '60.

SUDAKSKAYA BAY—TERRACES (GEOLOGY)

Height of Quaternary marine terraces of Sudakskaya Bay. P. A. Kaplin, E. N. Nevesskii. Trudy Okean. kom. 8 60-64 '61

SUDANOPHILIA

Observation of gonad morphology in human embryogenesis. Report No. 1 [with summary in English] S. E. Levina. Zhur. ob. biol. 22 no. 3:192-200 My-Je '61

SUEZ CANAL—PILOTS AND PILOTAGE

Maksimadzhi, M. L. [Pilotage in the Kiel, Suez, and Panama Canals] Lotsmanskaia sluzhba na Kil'skom Suetskom i Panamskom kanalakh. Moskva, Izd-vo "Morskoi transport," 1961. 42 p.

SUGAR

Preparation of sugar in the laboratory. T. T. Shvchenko. Khim. v shkole 15 no. 2:52 Mr-Ap '60.

SUGAR—ANALYSIS AND TESTING

Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 275-55 for the control of polarimeters, saccharimeters, and standard polarimetric quartz plates] Instruktsiia 275-55 po poverke poliarimetrov, sakharimetrov i obraztsovykh poliarmetricheskikh kvartsevykh plastinok. Izd. ofitsial'noe. Moskva, 1957. 16 p.

SUGAR—MICROBIOLOGY see subdivision under Germany, West

SUGAR BEETS

(see also subdivision under Ili District, Irkutsk Province, Kirghizistan)

About the articles on beets published in journal no. 1. P. N. Shemiakin. Sakh. prom. 35 no. 5 42-46 My '61

Assisting the beet growers. N. Gnennyi. Sov. radio 4 tel. 8 no. 4 2-3 '59.

Compiling and introducing technological charts in sugar beet growing. D. M. Sorokenko. Mekh. sil'. hosp. 12 no. 5:8-11 My '61.

Effect of additional pollination on the crop capacity and breed quality of sugar-beet seeds. Iu. E. Pavlenko. Sakh. prom. 34 no. 5,66-67 My '60.

Effect of bare fallow on the seed yield of monospermous sugar beets and on their reproductive ability. P. D. Riabushko. Sakh. prom. 35 no. 5,45-48 My '61

Effect of soil liming on the yield and quality of sugar beets. S. I. Kovalichuk. Sakh. prom. 35 no. 5 52-54 My '61

Experience showing the future of our sugar-beet production. S. E. Fridman. Sakh. prom. 35 no. 5 37-38 My '61

Increase in the production of sugar beets is an urgent objective. Sakh. prom. 35 no. 5 1-2 My '61

It is time now to reduce the number of railroad beet receiving stations. V. M. Zusman. Sakh. prom. 35 no. 5 38 My '61

Machinery used in sugar beet seed production. M. A. Samoilov, Iu. V. Musiienko. Mekh. sil'. hosp. 12 no. 5: 5-7 My '61.

MBO-4 unloading and piling machine. N. N. Budkin, I. T. Svirskii. Sakh. prom. 34 no. 5,78 My '60.

Means of increasing the yield of sugar-beet seeds. P. V. Karpenko. Sakh. prom. 34 no. 5 62-66 My '60.

Nature of the action of Azotobacter and phosphorus bacteria during the initial germination periods of sugar beet seeds. I. A. Hellet. Mikrobiol. zhur. 23 no. 1: 15-20 '61.

Planting of sugar beet transplants by machines. A. V. Dobrotvortseva. Sakh. prom. 35 no. 5:39-42 My '61.

Polyploid varieties of sugar beets. V. P. Zosimovich. Sakh. prom. 34 no. 5:56-62 My '60.

Review of letters and articles addressed to the publisher. Sakh. prom. 35 no. 5:74-75 My '61

Technical conference on problems involved in the testing of the unloading and piling machines for sugar beets. V. S. IAtsenko. Sakh. prom. 34 no. 5:78-79 My '60

SUGAR BEETS—BIBLIOGRAPHY see Bibliography—Sugar beets

SUGAR BEETS—DISEASES AND PESTS

Distribution of the common beet weevil Bothynoderes punctiventris Germ. and related species in the steppes and semideserts of the Caspian Sea Region. V. F. Palii. Nauch. dokl. vys. shkoly; biol. nauki no. 2:30-33 '61

SUGAR BEETS—FERTILIZERS AND MANURES

Comparing different methods of fertilizing sugar-beet transplants. K. N. Khuchua. Sakh. prom. 34 no. 5: 67-69 My '60.

SUGAR BEETS—IRRIGATION see subdivision under Ukraine

SUGAR INDUSTRY

(see also subdivision under Afghanistan; Kuban)

Contract agreement is the best method to ensure the supply of raw products to sugar factories. V. I. Khimova. Sakh. prom. 35 no. 5 3-7 My '61

Determining the economic effectiveness of the adoption of new equipment, mechanization, and automatization of production processes. N. V. Vinogradov. Sakh. prom. 34 no. 5 36-43 My '60.

Fulfilling the plan for building and reconstructing sugar factories in 1960. I. M. Fomenko. Sakh. prom. 34 no. 5 1-3 My '60

Methods of plotting and forms of the industrial and financial plan. V. S. Nosulenko. Sakh. prom. 34 no. 5:77 My '60

Toward the 22d Congress of the CPSU. Sakh. prom. 35 no. 5 3 My '61

SUGAR INDUSTRY—CONGRESSES

Conference on the designing and construction of sugar factories. Sakh. prom. 34 no. 5 43 My '60.

SUGAR INDUSTRY—COSTS

Costs of sugar and ways of lowering them. M. P. Pilinak. Sakh. prom. 35 no. 5 18-22 My '61

SUGAR INDUSTRY—EQUIPMENT AND SUPPLIES

(see also subdivision under Cherkassy Province, Europe, Western, France, Khutor-Mikhaylovskiy)

More about the defects in the new equipment. V. V. Medzelevskii. Sakh. prom. 34 no. 5:15 My '60

Typification of the capacities and sizes of sugar factory equipment based on optimum figures and a series of optimum figures. P. IA. Ivanov. Sakh. prom. 34 no. 5 7-12 My '60.

SUGAR INDUSTRY—LABOR PRODUCTIVITY

Calculation of labor productivity at granulated sugar factories. G. N. Singur. Sakh. prom. 35 no. 5,22-23 My '61

SUGAR INDUSTRY—PERIODICALS see subdivision under L'gov

SUGAR MANUFACTURE

(see also subdivision under France; Korenovo; Krasnodar Territory, Kuban Valley, United States)

Automatic digestion pipette equipped with an electromagnetic regulator. A. A. Grokhovskii, V. A. Lavrenick. Sakh. prom. 34 no. 5:35-36 My '60.

Control of the operation of multistage carbonation juice settling tanks. M. I. Barabanov. Sakh. prom. 35 no. 5 35-37 My '61

Efficiency of separators for settling carbonation mud. D. A. Novikov. Izv. vys. ucheb. zav.; pishch. tekh. no. 2: 144-151 '61.

Efficiency promotion of the manufacture of refined lump sugar at the Khutor Mikhailovskii Factory. Sakh. prom. 35 no. 5 28-29 My '61

From the pages of scientific and technical journals. G. S. Benin. Sakh. prom. 34 no. 5 70-71 My '60

Good manual for students and factory workers. V. S. Vasilega, S. Z. Ivanov, A. R. Sapronov. Sakh. prom. 35 no. 5 75-76 My '61

Kinetics of massecuite boiling. V. D. Popov, I. G. Barbul. Izv. vys. ucheb. zav.; pishch. tekh. no. 2:130-143 '61.

More about the boiling out of the evaporator "in operation." A. I. Burak. Sakh. prom. 34 no. 5:25 My '60

Pumps without reverse valves on suction pipes. F. I. Giriavenko. Sakh. prom. 35 no. 5,31 My '61.

Quality of sugar reserved for sugar refineries. I. F. Zelikman. Sakh. prom. 34 no. 5:13-14 My '60.

Review of letters and articles addressed to the publisher. Sakh. prom. 35 no. 5 74-75 My '61.

Secondary processes taking place during the settling of juices in thickeners. K. D. Zhura. Sakh. prom. 34 no. 5,16-18 My '60.

Setup for the automatic control and regulation of the process of boiling refined massecuites. E. A. Gusov. Sakh. prom. 34 no. 5:29-36 My '60.

Some data on the effect of sulfitation on the crystallization rate of sugar. I. F. Zelikman, T. A. Abdullaev. Izv. vys. ucheb. zav. ,pishch. tekh. no. 2:83-85 '61.

Using pulverizers for washing mud on vacuum filters. I. A. Rostripenko. Sakh. prom. 35 no. 5 9-11 My '61

Vostokov, A. I., and I. P. Lepeshkin. [Manufacture of sugar from beets] Proizvodstvo sakhara iz svekly. Izd. 2. Moskva, Pishchepromizdat. (Biblioteka molodogo rabochego)

No. 6. [Production of lime, lime milk, and carbonation gas] Poluchenie izvesti, izvestkovogo moloka i saturatsionnogo gaza, 1960. 45 p.

Washing of filter press dirt by means of vacuum filters. I. E. Zingel'. Sakh. prom. 34 no. 5:24-25 My '60.

SUGAR MANUFACTURE—BIBLIOGRAPHY see Bibliography—Sugar manufacture

SUGAR WORKERS see subdivision under Moscow

SUGARS
Effect of sifting on carbohydrate transformation [with summary in English] N V Subbotina Fiziol rast 8 no 3:278-283 '61
Paper chromatographic study of carbohydrates by the use of a densitometer [with summary in English]. M.A. Bokuchava, N.I. Skobeleva. Biokhimiia 26 no.2 361-365 Mr-Ap '61.
Sugars and free amino acids during the maturation and dormancy of the grapevine [with summary in English]. K.D. Stoev, P.T. Mumarov, I.B. Benchev. Fiziol. rast. 7 no.2:145-150 '60.

SUGGESTION SYSTEMS
Develop creative initiative among workers of local financial organs N Gritsnchenko Fin SSSR 22 no 5 61-62 My '61
In the Central Committee on Rationalization Suggestions and Inventions of the Ministry of Finance of the U S S R Fin.SSSR 12 no. 5 92-94 My '61
Pave the way for efficiency promoters. G Kutuzov. Fin SSSR 22 no. 5,8-12 My '61.

SUKARNO, PRES. INDONESIA, 1901-
Our friend Sukarno. Nov. vrem. 19 no. 24:3 Je '61.

SUKHOY LOG DISTRICT—PHENOLOGY—STUDY AND TEACHING
Calendar of nature. V.A. Batmanov. Geog. v shkole 24 no.3:41-44 My-Je '61.

SUKHUMI DISTRICT—BIRDS
Material for a study of the Passeriformes of the subtropical areas of Georgia (Sukhumi District) [in Georgian with summary in Russian]. L.M. Chkhaladze Vest. Gos. muz. Gruz 18A 221-240 '59

SULFAMIDE
Alkylation of alkanesulfamides Part 1 Alkylation of alkanesulfamides with secondary alcohols S I Burmistrov, V I Markov Zhur ob. khim 31 no. 5 1655-1668 My '61

SULFANILAMIDE
Diabetes mellitus therapy with sulfonilamide preparations. T.S. Mnatsakanov, O Sh. Bostandzhian. Terapiarkh 33 no. 1 74-80 '61.

SULFATES
Properties of sulfates of secondary aliphatic alcohols, and their effective utilization. A.M. Kuznukh, Z.P. Deinekhovskaia. Mast.-zhir. prom. 27 no.5:28-31 My '61.
Reduction of sulfates in rice field soils of Central Fergana. T.P. Kruger, V.I. Semenova. Uzb. biol. zhur. no.2:8-11 '61.
Studying the effect of impurities in a solution on the crystallization of certain sulfate salts S A Stroiteliev Uch. zap TGU no 35:158-170 '60.

SULFATHIAZOLE
Effect of a continuous and intermittent chlortetracycline therapy alone and in combination with sulfathiazole on antitoxic liver function in patients with bacillary dysentery [with summary in English] G.S. Mironov Antibiotiki 6 no.2,131-135 F '61.

SULFIDES
(see also subdivision under Uzbekistan)
Selection of high temperature sulfide catalysts for various cases of destructive hydrogenation I.V. Kalechits, Probl kin i kat. 10 121-127 '60

SULFIDES—METALLURGY
Ignition temperature of sulfide concentrates A.A. Vostrikov, A.I Okunev. TSvet. met 34 no 5 72-73 My '61

SULFIDES—MICROBIOLOGY see subdivision under Kola Peninsula

SULFITE LIQUOR
Calcium ions in various fermentations of sulfite liquors and wood hydrolyzates, L. Lefransua. Gidroliz. i lesokhim. prom. 14 no.4:5-6 '61.
Studying the condensed sulfite-alcohol waste liquor, a new chemical reagent, G.IA. Dedusenko, V.V. Naidenova. Trudy AzNII DN no.9:128-134 '60.

SULFONAMIDES
Effect of antibiotics and sulfonamides on transaminases in animal tissues [with summary in English]. V.M. Topel'berg. Antibiotiki 5 no.2,83-85 Mr-Ap '60.
Influence of sulfanilamides and antibiotics on the secretory and motor function of the stomach. A.A. Akilov. Lech. infekts. bol', no.4:47-52 '60.
Photocolorimetric determination of streptocide and sulgine in tablets. G.I. Luk'ianchikova. Med. prom. 15 no.3:44-46 Mr '61.

SULFONE
Isomeric transformations of sulfones of the naphthalene series in the presence of metal halides V.A. Koptiug, T.N Gorasimova, V.A. Plakhov. Zhur ob. khim. 31 no.5 1613-1621 My '61.

SULFONE—SPECTRA
Ultraviolet absorption spectra of sulfones in the naphthalene series [with summary in English]. V.A. Koptiug, V.A. Plakhov. Zhur. fiz. khim 35 no 4 887-891 Ap '61.

SULFONIC ACIDS
Adsorption of anions of aliphatic sulfonic acids on the mercury electrode, and effect of these anions on the kinetics of electrode processes [with summary in English] B.B. Damaskin, N.V. Nikolaeva-Fedorovich, R.V. Ivanova. Zhur fiz khim. 34 no 4 894-906 Ap '60

SULFUR
Distribution of sulfur in carbon black. R.Z Magarill. Kauch i rez. 20 no 1 43-47 Ap '61.
Properties of sulfur and its compounds F A Val'kov, L.A. Nesterenko Khim v shkole 16 no 3:74-76 My-Je '61

SULFUR—ANALYSIS
Rapid micromethod for determining sulfur in monomeric and polymeric organic compounds in the presence of halogens, nitrogen, and alkali metals [with summary in English]. A.I. Lebedeva, I.V. Novozhilova. Zhur. anal. khim. 16 no.2:222-225 Mr-Ap '61.

SULFUR—ISOTOPES
Method for dosimetry of C^{14} and S^{35} in teeth and jaws. A.A. Prokhonchukov. Stomatologiia 40 no. 1 93-94 Ja-F '61.

SULFUR BACTERIA see Bacteria, Sulfur

SULFUR DIOXIDE
Mechanism of oxidation, hydrogenation, and electrochemical combustion on solid catalysts. Part I Oxidation of sulfur dioxide on an activated carbon surface at 20°C in the presence of water vapor [with summary in English]. O.K. Davtian, E.N. Ovchinnikova. Zhur. fiz. khim. 35 no.4:713-718 Ap '61.
Oxidation of magnesium sulfite and bisulfite in the process of SO_2 extraction from gases B A Cheitkov Zhur prikl. khim 33 no. 10,2165-2172 O '60
Reaction of lead sulfide with sulfur dioxide. V.V. Paduchev, V.V. Toporova, N.P. Diev. Zhur. prikl. khim 34 no. 3. 676-679 Mr '61.

SULFUR DIOXIDE—PHYSIOLOGICAL EFFECT
Effect of sulfur dioxide in the air on certain biochemical indicators of human blood [with summary in English]. E V Elfimova, V S Shashkov Gig. i san 25 no 3 18-22 Mr '60.
Effect of sulfur dioxide on the vitamin C balance of the animal organism [with summary in English]. A S An Gig i san 25 no 3:35-40 Mr '60.

SULFUR IN THE BODY
Nephelometric determination of inorganic sulfates in urine by means of a stable standard of turbidity. IU.A. Kochek, Zh.S. Badalian. Lab. delo 7 no.5:20-21 My '61.

SULFUR METABOLISM
Distribution of S^{35} introduced with live feeds in the fish body. L.V. Smelova. Vop. ikht. no.17:110-114 '61.

SULFUR ORGANIC COMPOUNDS
Akademiia nauk SSSR, Bashkirskii filial, Ufa. Otdel khimii. [Chemistry of sulfur and nitrogen organic compounds in petroleum and petroleum products] Khimiia sera- i azotoorganicheskikh soedinenii, soderzhashchikhsia v neftiakh i nefteproduktakh. Ufa. Vol. 3. 1960. 337 p.
Effect of sulfur organic compounds on the process of synthesis over iron catalysts. O.A. Muzovskaia, I.B. Rapoport. Khim. i tekh. topl. i masel 6 no.5:5-10 My '61.
Rapid micromethod for determining sulfur in monomeric and polymeric organic compounds in the presence of halogens, nitrogen, and alkali metals [with summary in English]. A.I. Lebedeva, I.V. Novozhilova. Zhur. anal. khim. 16 no.2:222-225 Mr-Ap '61.

SULFURIC ACID
Fluoromethyl esters of sulfuric acid. Part 4 Difluoro- and tetrafluorodimethyl sulfates. G.A. Sokol'skii, M.A. Dmitriev. Zhur. ob khim. 31 no.5:1653-1655 My '61
Polarographic determination of cadmium on an acid sulfate-iodide background. V.A. Oshman, A.P Chistiakova. Zav. lab. 27 no.5:532-536 '61.
Production of secondary alkyl sulfates. M.M. Levkovich, V.D. Mezhov, T.N. Dzhakeli. Khim. i tekh. topl. i masel 6 no.5:24-29 My '61.

SULFURIC ACID—TOXICOLOGY
Toxicology of sulfuric acid aerosols. V.V. Kustov. Farm. i toks. 24 no.1:108-109 Ja-F '61.

SULTONE
Fluorine-containing β-sultones. Report No. 7: Use of tetrafluoroethane-β-sultone in the acetylation reaction. Izv AN SSSR, Otd. khim. nauk no. 5:813-815 My '61.

SUMGAIT—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
Measures have been taken on the spot. Z. Aliev. Part. zhizn' no.13:44-45 Jl '61.

SUMMER see subdivision under Carpathian Mountain region

SUMMER RESORTS
The plane flies south. Sov. profsoiuzy 17 no.11:46-47 Je '61.
There are good places beside the seashore R IU Kol'ner Ukraina no 8 30 Ap '60

SUMY—ELECTRONIC INDUSTRIES
Sumy electrons Mykhailo Halushko Ukraina no 8 7-8 Ap '60

SUMY PROVINCE—FORESTS AND FORESTRY—EXPERIMENTAL AREAS
Krasno-Trostyanets Experimental Forest Station. Biul. nauch.-tekh. inform. UkrNIILKhA no.5:67-73 '58.

SUMY PROVINCE—TEACHERS, TRAINING OF
Seminars and practice teaching. P. Kas'ianova, L. Plokhuta Doshk vykh 22 no 5:44-45 My '61

SUNFLOWER SEED
Effect of carbon dioxide on the intensity of sunflower seed respiration. V.G. Shcherbakov, N.V. Trubitsyn. Izv. vys. ucheb. zav. pishch. tekh. no.2:33-36 '61.
Respiration intensity in sunflower seeds as a function of oil content A I Starodubtseva, E A Vetkina, V L Kretovich Biokhim zerna no 5 256-262 '60

SUNFLOWER SEED OIL
Rapid method for determining the keeping quality of sunflower seed oil. N.I. Kozin, P.M. Ermakova. Mast.-zhir. prom. 27 no.5:20-22 My '61.

SUNFLOWERS
Physiological analysis of varietal populations of the sunflower. E.N. Sinskaia. Fiziol. rast. 7 no.2:225-231 '60.

SUNSUNEGI, JUAN ANTONIO DE
The anger and pain of an artist ("Flight into the darkness" by Juan Antonio de Sunsunegi. Reviewed by V. IAsnyi). Inostr. lit. no.5:255-256 My '61.

SUOLA VALLEY—MAMMOTH
On the find of animal remains of a mammoth complex at the Suola River, Megino-Kangalasskiy District, Yakutia. V.G. Zol'nikov. Izv. AN SSSR, Ser. geog. no.3:81-85 My-Je '61.

SUOYARVI—PAPER INDUSTRY—EQUIPMENT AND SUPPLIES
Improvement of the performance of rubbing screens. V.M. Mukhin. Bum. prom. 36 no.5 24-25 My '61

SUPERCHARGERS
Ideal thermodynamic cycle of an internal-combustion engine supercharged by a compressor actuated by the engine. L.S. Andrushchenko. Vest. mash. 41 no.5:29-31 My '61.

SUPERCONDUCTIVITY
Destruction of superconductivity by a current. E Trofimar. Zhur. eksp. i teor. fiz. 38 no.2:654-655 F '60.
Superconductivity knocks at the doors of technology M. Volgin, M. Karev. Znan. sila 36 no.5:23-25 My '61.

SUPERCOOLING
Crystallization of a supercooled liquid in an ultrasonic wave field [with summary in English]. L. O. Meleshko. Inzh.-fiz. zhur. 4 no.4:123-125 Ap '61.

SUPERMARKETS see subdivision under Moscow

SUPERSONIC NOZZLES
Effect of the aperture angle on the position of the shock pressures in a supersonic nozzle under nonrated conditions in the presence of heat transfer [with summary in English]. S.I. Kosterin, IU.A. Koshmarov, IU.V. Ostpov. Inzh.-fiz. zhur. 4 no.4:3-9 Ap '61.
Transition from subsonic to supersonic speeds in Laval nozzles. O S. Ryzhov. Prikl mat i mekh. 24 no.2 372-375 Mr-Ap '60.

SUPPURATION
Prevention of pains and suppuration following surgery. N.K. Voitenok. Zdrav. Belor. 6 no.4:51-52 Ap '60.

SURETY OF THE PEACE
Wrong approach to placement in the custody of workers. A. Nikol'skii. Sov. just. no.4:48-50 Ap '60.

SURFACE ACTIVE AGENTS
Calories plus chemistry; new ways of increasing the nutritional value of feeds. V. Orlov. Tekh. mol. 29 no.4:3-4 Ap '61.
Effect of surface-active substances on the compressibility and elastic after-effect of certain refractory masses. G.V. Kukolev, K.A. Mikhailova. Ogneupory 25 no.5:222-226 '60.
Use of surface active agents in road construction. L.I. Rakovskii. Avt. dor. 24 no.4:7-8 Ap '61.

SURFACE CHEMISTRY

Determination of the area of a free surface. M. Kh. Kishinevskii, V. V. Samoilov. Zhur. prikl. khim. 34 no. 3 687 689 Mr '61.

Surface phenomena and the graphitization of cast iron. K. I. Vashchenko, A. P. Rudoi. Lit. proizv. no. 5:19-21 My '61

Thermal dehydration of silica and certain properties of its surface. A. V. Bondarenko, V. F. Kiselev, G. K. Krasil'nikov. Dokl. AN SSSR 136 no. 3:1133-1136 F '61

SURFACE TENSION

Investigating certain physical processes occurring on the surface of crystalline solids at high temperatures. Part 5. Self-correction of defects purposely produced on the surface of polycrystalline copper. IA. E. Geguzin, N. N. Ovcharenko. Fiz. met. i metalloved. 9 no. 4 569-577 Ap '60.

Measurement of the surface tension of liquids by applying the maximum gas bubble pressure method [with summary in English]. V. V. Fesenko. Zhur. fiz. khim. 35 no. 4:707-710 Ap '61.

Static surface tension of gelatin solutions [with summary in English]. V. A. Pchelin, R. A. Kul'man. Vysokom. soed. 3 no. 5:768-771 My '61

Surface tension of solutions of gelatins treated with natural sorbents. P. N. Zalesnaia. Zhur. prikl. khim. 34 no. 3 698-699 Mr '61

Temperature dependence of the surface tension of thallium. O. A. Timofeevicheva, V. B. Lazarev. Dokl. AN SSSR 138 no. 2 412-414 My '61.

SURFACES

A condition for the congruence of closed convex surfaces [with summary in English]. A. D. Aleksandrov. Vest. LGU 16 no. 7 5-7 '61

Construction of a bounded total surface of non-positive curvature. E. R. Rozendorn. Dop. mat. nauk 16 no. 3 119-156 My-Ap '61

SURFACES (TECHNOLOGY)

Investigating certain physical processes occurring on the surface of crystals at high temperatures. Part 7. Role of viscous flow in smoothing out roughnesses on the surface of a solid. IA. E. Geguzin, N. N. Ovcharenko. Fiz. met. i metalloved. 11 no. 5:807-809 My '61.

Microgeometry of a milled surface. G. S. Minasian. Sbor. nauch. trud. ERPI no. 20:81-90 '59.

SURFACES (TECHNOLOGY)—TESTING

Egorov, V. A. [Optical and feeler devices for determining the roughness of surfaces] Opticheskie i shchupovye pribory dlia opredelennoi sherekhovatosti poverkhnosti. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 155 p.

Profilograph for studying surface finish. B. A. Gipp. Avt. prom. 27 no. 5:47 My '61.

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 146-53 for checking standard specimens for determining the class of surface smoothness] Instruktsiia 146-53 dlia poverki rabochikh obraztsov chistoty poverkhnosti. Izd. ofitsial'noe. Moskva, 1957. 15 p.

SURFACES, DEFORMATION OF

Deflection of a semi-infinite plate lying on a linearly deformable base. G. IA. Popov. Prikl. mat. i mekh. 25 no. 2 342-355 Mr-Ap '61

Determining the surface of a bulging material resulting from the insertion of a thin blade into a plastic half-space. D. D. Ivlev. Prikl. mat. i mekh. 25 no. 2 332-335 Mr-Ap '61

SURGERY
(see also subdivision under Azerbaijan; Ural Mountain region)

"Errors in surgical practice and ways for their prevention" by N. I. Krokovskii, IU. IA. Gritsman. Reviewed by S. IA. Freidlin. Sov. zdrav. 20 no. 1 84-86 '61

Indications for the choice of anesthesia in surgery. T. P. Makarenko, V. I. Karpukhin. Akt. vop. obezbol. no. 2:21-30 '59.

Plastic materials help our surgeons. IU. Furmanov. Ukraina no. 11:13 Je '61

SURGERY, ELECTROLYSIS IN see Electrosurgery

SURGERY, PLASTIC

Polymers preserve life; do you know what alloplasty is? V. Bulanov, I. Revzin. Tekh. mol. 29 no. 4:9-10 Ap '61.

SURGICAL INSTRUMENTS AND APPARATUS

Dacryocystorhinostomy by means of a trepine constructed by the author. V. G. Goguadze. Oft. zhur. 15 no. 3:179 '60.

Fourth meeting of the Scientific Research Institute for Experimental Surgical Apparatus and Instruments. M. G. Ananiev, N. V. Antoshina. Med. prom. 15 no. 3:89-93 Mr '61.

Hollow needle for deep suturing in dacryocystorhinostomy. B. I. Vainshtein. Oft. zhur. 16 no. 3:185-186 '61.

Method of preparing a floating obturator. S. P. Mudryi. Stomatologiia 40 no. 1:100-101 Ja-F '61.

Protector for the neurovascular bundle in resection of the edge of the greater palatine foramen. F. G. Saifullin. Stomatologiia 40 no. 1 99 Ja-F '61.

Surgical binocular lens with an illuminator producing two lighted fields. G. M. Bluvshtein. Vest. otorin. 22 no. 1:77-78 Ja-F '60.

Technic of trepanation of the bone in dacryocystorhinostomy [with summary in English]. L. F. Linnik. Oft. zhur. 15 no. 3:176-179 '60.

SURGICAL OPERATIONS see Operations, Surgical

SURGICAL SOCIETIES see subdivision under Azerbaijan

SURIKOV, VASILII IVANOVICH, 1848-1916

The story of a painting. Moskva 5 no. 4:146-147 '61.

SURKHOB VALLEY—ECONOMIC GEOGRAPHY

Brief study of the economic geography of the Karategin. M. IU. Mamadkhanova. Uch. zap. Stal. gos. ped. inst. no. 21 71-80 '59.

SURVEYING
(see also subdivision under Arctic regions)

Akademiia stroitel'stva i arkhitektury SSSR. Institut osnovanii i podzemnykh sooruzhenii. [Manual on geodetic methods of measuring horizontal displacement in foundations of structures] Rukovodstvo po geodezicheskim metodam izmerenitia gorizontal'nykh smeshchenii v osnovaniiakh sooruzhenii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 70 p.

Brief news. Geod. i kart. no. 4 76-78 Ap '61

The complex of reconnaissance and construction operations. A. G. Gazaliiam. Geod. i kart. no. 4:29-30 Ap '61

Computation of resections. V. F. Pavlov. Geod. i kart. no. 4 52-56 Ap '61

Computing the coordinates of fixed points. I. F. Kushtin. Geod. i kart. no. 4 15-17 Ap '61

A good textbook of geodesy ("Geodesy" by S. A. Murashev, N. A. Paramonskii, K. P. Panova. Reviewed by V. S. Akhmylovskaia). Geod. i kart. no. 1 75-76 Ap '61

Methods of selecting and surveying courses for sports competitions. G. P. Bogdanov. Teor. i prak. fiz. kul't. 24 no. 2:149-145 '61

The movement of brigades and shock workers of communist labor at the Western Aerogeodetic Enterprises. D. N. Druzhzhachikh. Geod. i kart. no. 4 35-37 Ap '61

Pavlov, F. P., V. P. Mashkevich, and B. D. Fedorov. [Geodesy] Geodeziia. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 274 p.

Reconnaissance and construction work of detachment no. 88. I. N. Sergeev. Geod. i kart. no. 4 27-29 Ap '61

SURVEYING—BIBLIOGRAPHY see Bibliography—Surveying

SURVEYING—INSTRUMENTS

Accuracy of verniers on rods used with the DD-3 distance meter. IA. I. Pavenkov. Geod. i kart. no. 4 56-62 Ap '61.

Investigation of the accuracy of the functioning of the compensator on the NSM level. N. P. Bespalyi. Izv. vys. ucheb. zav.; gor. zhur. no. 9:64-67 '59.

Measuring prism for a vertical circle. N. A. Gusev. Izv. vys. ucheb. zav., gor. zhur. no. 2 53-56 '60.

New instruments for surveying in land-improving hydraulic engineering. IU. G. Batrakov. Gidr. i mel. 13 no. 5:51-59 My '61.

SURVIVAL (AFTER AIRPLANE ACCIDENTS, SHIPWRECKS, ETC.)

And the ocean recoiled. Ukraina no. 7:5 Ap '60

Have you read these ("Forty-nine days," a collection, "In the battle of the great" by K. Bukov). Moskva 5 no. 4 182-184 '61.

Stronger than the ocean. Uzbekistan 19 no. 4:5 Ap '60.

With your heroic deed you have contributed to the glory of our Motherland, Soviet heroes. Sov. voin. 41 no. 6 1 Mr '60.

SUSLIKS see subdivision under White Russia

SUSPENDED RAILROADS see also subdivision 'Railroads, Suspended' under France

SVERDLOVSK—CHEMICAL ENGINEERING—EQUIPMENT AND SUPPLIES

Automatic unit for the flame processing of large machine parts. I. P. Dokhanov. Khim. mash. no. 3 35-36 My-Je '60.

Mechanized railless car with an inertial drive. I. G. Kozulia. Khim. mash. no. 3:36-37 My-Je '60.

Shaping of key groves in hollow shafts. A. N. Lunegov. Khim. mash. no. 3 34-35 My-Je '60.

SVERDLOVSK—EFFICIENCY, INDUSTRIAL

Let us win the title of a plant of communist labor. P. E. Voronov. Mashinostroitel' no. 5 2-5 My '61.

SVERDLOVSK—MACHINERY INDUSTRY

Changes in workers' professional composition. B. Brego. Biul. nauch. inform.: trud i zar. plata 4 no. 5:9-14 '61.

Let us win the title of a plant of communist labor. P. E. Voronov. Mashinostroitel' no. 5 2-6 My '61.

Take care of the kopecks and the rubles will take care of themselves. V. P. Venediktov. Mashinostroitel' no. 5:35 My '60.

SVERDLOVSK—OIL WELL DRILLING RIGS—ELECTRIC EQUIPMENT

Portnoi, T. Z., M. G. IUn'kov, and P. I. IUrchenko. [Electric equipment of oil well drilling rigs manufactured by the Ural Machinery Plant] Elektrooborudovanie burovykh ustanovok Uralmashzavoda. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 230 p.

SVERDLOVSK—PATHOPHYSIOLOGICAL SOCIETIES

In the Sverdlovsk Society of Pathophysiologists (1957-1959). S. G. Kachanova. Pat. fiziol. i eksp. terap. 5 no. 2:82-83 Mr-Ap '61

SVERDLOVSK—RADIO—ANTENNAS

Mounting the antenna support of a radio relay tower. A. B. Tumarinson. Mont. i spets. rab. v stroi. 23 no. 4:17-19 Ap '61.

SVERDLOVSK—RAILROADS—CARS

Bushmich, G. A. [Business accounting is accounting in a businesslike manner] Khozraschet - eto schet po-khoziaiski. Moskva, Mashgiz, 1960. 33 p. (Biblioteka rabochego mashinostroitelia. Serilia "Osnovy konkretnoi ekonomiki," no. 11)

SVERDLOVSK—ROLLING MILLS

Visiting with roller mill operators. A. Borovitskii. Mest. prom. i khud. promys. 2 no. 5:12 My '61.

SVERDLOVSK—SHOE INDUSTRY

Seven-year plan will be fulfilled ahead of time. I. N. Petrov. Kozh.-obuv. prom. 2 no. 3:31-32 Mr '60.

SVERDLOVSK—TUBERCULOSIS

Decreased tuberculosis disability among the inhabitants of Sverdlovsk. I. N. Liberman, L. P. Zaits, O. V. Sapozhnikova. Probl. tub. 38 no. 4:19-25 '60.

SVERDLOVSK PROVINCE—CONSTRUCTION INDUSTRY

Construction projects, finance, materials. G. Polukarov. Mest. prom. i khud. promys. 2 no. 5:25-26 My '61.

SVERDLOVSK PROVINCE—GOITER

Problem of the effect of iodine prophylaxis on the incidence of recurrence of endemic goiter in various districts of Sverdlovsk Province. A. I. Kavtreva. Ukr. terapiia 37 no. 5 82-84 My '61

SVERDLOVSK PROVINCE—MACHINERY INDUSTRY

Work mechanization and changes in workers' professional composition. I. Rozenberg. Biul. nauch. inform.: trud i zar. plata 4 no. 5:14-16 '61.

SVERDLOVSK PROVINCE—MOLLUSKS AS CARRIERS OF DISEASE

Distribution, biology, and ecology of Galba truncatula Müll. in Sverdlovsk Province. A. L. Dul'kin. Uch. zap. UrGU no. 31 46-56 '59.

SVERDLOVSK PROVINCE—MOTOR VEHICLES—INSPECTION

Commission at work. I. Tropp. Avt. transp. 39 no. 5: 48 My '61.

SVERDLOVSK PROVINCE—PRESTRESSED CONCRETE CONSTRUCTION

Preparation of pre-stressed concrete elements in the Sverdlovsk Economic Region. A. V. Leiman. Beton i zhel.-bet. no. 3:118-120 Mr '61.

SVERDLOVSK PROVINCE—RESTAURANTS, LUNCHROOMS, ETC.—ACCOUNTING

Let us talk accounting and control. A. Serdiuk. Obshchestv. pit. no. 5:30-31 My '61.

SVERDLOVSK PROVINCE—WORMS, INTESTINAL AND PARASITIC

Helminths of murine rodents in some districts of Sverdlovsk Province. L. N. Kharchenko, E. A. Galaktionova. Uch. zap. UrGU no. 31.96-107 '59.

SVETLOV, MIKHAIL ARKAD'EVICH, 1903-

The secret of youth ("Horizons"; verse by Mikhail Svetlov. Reviewed by I. Grinberg). Moskva 4 no. 3: 193-195 '60.

SVIN'IN, PAVEL PETROVICH, 1788-1839

P. P. Svin'in in Bessarabia. B. A. Trubetskoi. Uch. zap. Kish. un. 36 56-65 '59.

SVIRIDOV, GEORGII VASIL'EVICH, 1915-

A story, a picture, and a song. A. Sokhor. Sov. muz. 25 no. 6:70-75 Je '61.

SWAMP FEVER see subdivision under Infectious anemia

SWEDEN—COAL MINING MACHINERY

Weighing and recording of bulk loads on belt conveyers (from "Svensk bergs och bruksstidning," no. 11, 1959, no. 1, 1960). G. I. Chernyi, M. A. Spektor, Ugol' Ukr. 5 no. 5:43-44 My '61

SWEDEN—CULTURE

Swedish art and Swedish society. I. G. Teatr 22 no. 5: 185-186 My '61.

SWEDEN—DAMS

Construction of the Trangslet Dam. R. I. Bobrov. Gidr. stroi. 30 no. 5:51-54 My '60

SWEDEN—INTELLECTUAL LIFE

Survey of the foreign press. Inostr. lit. no. 5:207-215 My '61.

SWEDEN—MOTION-PICTURE PLAYS

Countenance of the times. Lev Ginzburg. Isk. kino no. 6:120-122 Je '61.

SWEDEN—RELATIONS (GENERAL) WITH RUSSIA

Materials on the history of Russian culture and Russian-Swedish cultural ties of the 17th century in the archives of Sweden. L. V. Cherepnin. Trudy ODRL. 17 454-491 '61

SWEDEN—SCHISTS

Determination of the age of Sweden's Pre-Cambrian schists by the potassium-argon method. M. P. Semenenko. Geol. zhur. 20 no. 2:51-53 '60.

SWEDISH LANGUAGE—ACCENTUATION

The tonic stress in the Swedish language. V. M. Sokhatskii. Vop. jaz. i lit. no. 1:110-134 '59.

SWIMMING

Changes in the plethysmograms of swimmers after 100 and 400 meter swims. V. P. Larionov, L. K. Chugai. Teor. i prak. fiz. kul'. 24 no. 5:379-380 '61.

Forming swimming habits in children of preschool age and problems in methods of teaching. V. S. Vasil'ev. Teor. i prak. fiz. kul'. 24 no. 4:262-267 '61

In swimming pools of the world; results of the international swimming season. M. Slavin. Teor. i prak. fiz. kul'. 24 no. 4 284-288 '61

Physiological basis of the reason for early achievements in swimming. V. E. Vasil'eva. Teor. i prak. fiz. kul'. 24 no. 4:259-262 '61

Resistance of the water in swimming. S. V. Il'in. Teor. i prak. fiz. kul'. 24 no. 5:383-387 '61.

Teaching children to swim in the sea. M. E. TSivevskaia. Doshk. vosp. 34 no. 5:46-48 My '61.

Training referees for swimming contests. V. I. Maslov. Teor. i prak. fiz. kul'. 24 no. 4,288-290 '61.

SWINE see subdivision under Aleksandriya District; Berdyansk

SWINE—DISEASES AND PESTS

Effect of zoohygienic factor on the occurence of pulmonary diseases in young pigs. A. O. Koval'ov and others. Visnyk sil'hosp. nauky 4 no. 4 93-100 Ap '61

Trichomoniasis in swine. A. V. Cherkasova and others. Uzb. biol. zhur. no. 2:38-42 '61.

SWINE—FEEDING AND FEEDS

(see also subdivision under Kursk Province)

Fattening swine with liquid feeds. V. I. Moroz. Mekh. sil'. hosp. 12 no. 5:32 My '61.

We introduce the general use of machinery in the fattening of pigs. I. E. Rudenko. Blok agit. [Ukr.] no. 12 30-37 Ap '60

SWINE BREEDING

Artificial insemination of sows and effect of the length of preservation on the biochemical properties of the semen of boars. O. I. Arkhypovets'. Visnyk sil'hosp. nauky 4 no. 4:68-75 Ap '61.

Effect of the nervous and blood system on ovulation, migration, implantation and development of the embryo in swine. I. I. IAnovskii. Uzb. biol. zhur. no. 2 47-51 '60

SYAS'—PAPER INDUSTRY

Labor successes of Syas' Paper Combine workers. A. A. Badusov. Bum. prom. 36 no. 5:3-4 My '61.

SYCAMORE see subdivision under Carpathian Mountain region

SYDNONE

Formation of substituted pyrazoles in the reaction of sydnones with α,β-unsaturated nitriles. V. F. Vasil'eva, V. G. IAshunskii, M. N. Shchukina. Zhur. ob. khim. 31 no. 5 1501-1504 My '61.

SYKTYVKAR—OPERA

"Terror in Ust'-Kulom." V. Gal'perin. Teatr. 22 no. 5: 105-106 My '61.

SYMMETRIC FUNCTIONS

Some inequalities for homogeneous symmetric concave functions [with summary in English]. A. E. Gel'man. Vest. LGU 16 no. 7:166-168 '61.

SYMMETRY

Her majesty, symmetry. V. Keler. IUn. tekh. 5 no. 5 62-66 My '61.

SYMPATHETIC NERVOUS SYSTEM see Nervous system, Sympathetic

SYMPATHOMIMETICS

Effect of isohemotransfusion on the metabolism of adrenergic substances in the brain and effector organs [with summary in English]. R. M. Glants. Biul. eksp. biol. i med. 49 no. 2:77-80 F '60.

SYMPHONY ORCHESTRAS see subdivision under Moscow

SYNTHETIC FIBERS see Textile fibers, Synthetic

SYNTHETIC PRODUCTS

Studying the technical and economic advantages of new synthetic materials in automobiles manufacture. B. I. Rodin. Avt. prom. 27 no. 5:29-32 My '61.

SYPHILIS

(see also subdivision under Turkmenistan)

Sukharev, B. I. [Academician D. K. Zabolotnyi and his teaching on experimental syphilis] Akademik D. K. Zabolotnyi i ego uchenie ob eksperimental'nom sifilise. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo," 1960. 47 p. (Biblioteka vracha)

Treatment of syphilis with bicillin 1 and 3. A. A. Bruksen. Med. zhur. Uzb. no. 11:60-64 N '60.

SYR DARYA VALLEY—HYDROLOGY

Streamflow distribution in rivers of Central Asia during the growing period. T. S. Abal'iun. Trudy TSIP no. 99 80-98 '61.

SYSTEMS (CHEMISTRY)

Binary systems of two-ring molecules including thionaphthene. V. M. Kravchenko, I. S. Pastukhova. Dokl. AN SSSR 136 no. 1:101-107 Ja '61

Dielectric constant and losses in the critical region of the layer separation of binary liquid systems [with summary in English]. V. K. Semenchenko, K. V. Arkhangel'skii. Zhur. fiz. khim. 35 no. 4:927-931 Ap '61.

Peroxide compounds in the system $CuSO_4$-Na_2MoO_4 - H_2O_2 - H_2O [with summary in English]. A. K. Verkhovskaia, F. M. Perel'man. Zhur. fiz. khim. 35 no. 4:828-835 Ap '61.

Phase diagrams of ternary liquid systems containing two binary layerings with variously directed critical points. E. F. Zhuravlev. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 2:199-206 '61

Physicochemical study of the system Na^+, Mg^{++}, Cl^-, SO_4^{--} - H_2O. Electric conductivity, viscosity, and density of the ternary system Na^+, Mg^{++}, SO_4^{--} - H_2O. M. Usanovich, G. Sokunov. Izv. AN Kazakh. SSR, Ser. khim. no. 2 3-9 '60.

Solubility isotherms at 0°C in ternary systems $NaBH_4$ - NaCl - H_2O and $NaBH_4$ - NaBr - H_2O. V. I. Mikheeva, V. B. Breitsis. Dokl. AN SSSR 136 no. 5:1093-1095 F '61.

Solubility isotherms of the systems: $LaCl_3$ - KCl - H_2O, $NdCl_3$ - KCl - H_2O, $LaCl_3$ - NH_4Cl - H_2O, and $NdCl_3$ - NH_4Cl - H_2O at 25°. Z. N. Shevtsova, L. I. Zhizhina, L. E. Ellenberg. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 2:176-179 '61.

Solubility isotherms of the systems $PrCl_3$ - KCl - H_2O and $PrCl_3$ - NH_4Cl - H_2O at 25° and 50°. Z. N. Shevtsova, G. N. Kulichkina, A. N. Fedorova. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 2:178-179 '61

Some properties of glasses of the system Li_2O - BaO - SiO_2. M. A. Bezborodov, V. D. Mazurenko. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 2 261-264 '61.

Studies in the field of cadmium peroxide compounds. V. F. Boiko. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 2,171-175 '61.

Studying the systems TiO_2 - SiO_2 - FeO and TiO_2 - CaO - FeO - Al_2O_3 - SiO_2 - MgO. E. B. Dmitrovskii, A. V. Rudneva, I. A. Karlazin. Trudy Inst. met. no. 4: 35-45 '60.

Thermodynamic theory of critical phenomena in three-component systems. Part 2. Shape of the isotherm and isobar curve for the coexistence of two phases in the vicinity of the critical point [with summary in English]. A. V. Storonkin, A. I. Rusanov. Zhur. fiz. khim. 34 no. 4:749-753 Ap '60.

TACHOMETER

High-speed programmed electronic tachometer with dekatrons. I. IA. Breido, N. K. Ksenzhuk. Izm. tekh. no. 5:17-20 My '60.

Using bridge capacitor method in measuring speeds of rotation. V. I. Fridliand. Izm. tekh. no. 5:14-16 My '61.

TACHOMETER—TESTING

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 242-57 for checking tachometers, speedometers and revolution counters] Instruktsiia 242-57 po poverke takhometrov, spidometrov i schetchikov oborotov. Izd. ofitsial'noe. Moskva, 1957. 26 p.

TACTICS

Grouping of units before battle. N. Vvedenskii, P. Degtiar'. Voen. vest. 10 no. 10 111-113 O '60

Taking into account the nature of the combat. I. Golchenko. Voen. vest. 10 no. 10 14-19 O '60

TACTICS—PROBLEMS, EXERCISES, ETC.

Special tactical exercises. M. TSikulov, A. Dzamukov. Voen. vest. 10 no. 10 65-67 O '60

TAGANROG—COMBINES (AGRICULTURAL MACHINERY)

New semiautomatic line. I. I. Chernov. Mashinostroitel' no. 5:6-7 My '60.

Socialist pledges of the workers of the Taganrog Combine Plant. Mashinostroitel' no. 5 7 My '61.

TAGANROG—SCHOOL LUNCHROOMS, CAFETERIAS, ETC.

We like the idea. B. Romanov. Obshchestv. pit. no. 5:15 My '61.

TAGORE, SIR RABINDRANATH, 1861-1941

Educational ideas and pedagogical activity of Rabindranath Tagore. A. K. Petrov. Sov. pedag. 25 no. 5 89-100 My '61

"Everything I see is marvelous"; Tagore on the Soviet Union. Gopal Haldar. Inostr. lit. no. 5:174-178 My '61

Kabir's verse in translation by Rabindranath Tagore. V. I. Balin. Uch. zap. LGU no. 294:189-198 '61

A meeting in Bombay. Pavel Beilin. Sov. Ukr. 11 no. 5: 123-128 My '61.

Poet, musician, artist. I. Sinitsyn. Sov. muz. 25 no. 5:102-105 My '61

Rabindranath Tagore. A. Petrov. Nar. obr. no. 5 92-98 My '61.

Rabindranath Tagore. Nikolai Tikhonov. V mire knig 1 no. 5:30 My '61.

Rabindranath Tagore. V. V. Brodov. Vop. filos. 15 no. 5 71-79 '61

Rabindranath Tagore and the theater. A. Gorbovskii. Teatr 22 no. 5 191-192 My '61

Rereading Tagore. Emmanuil Borovik. V zashch. mira no. 5 33-39 My '61

Unforgettable.... A. Filatov. V mire knig 1 no. 5:32 My '61.

A word on a great poet. Antanas Ventslova. Oktiabr' 35 no. 5:185-186 My '61

Writer, poet, singer of the people. E. Paevskaia. V mire knig. 1 no. 5 31 My '61.

TAGORE, SIR RABINDRANATH, 1861-1941—BIBLIOGRAPHY see Bibliography—Tagore, Sir Rabindranath, 1861-1941

TAIGAS

Makeev, O. V. [Turf soils of the taiga in the southern part of Central Siberia, their genesis; properties, and efficient utilization] Dernovye taezhnye pochvy luga Srednei Sibiri, genezis, svoistva i puti ratsional'nogo ispol'zovaniia. Ulan-Ude, knizhnoe izd-vo, 1959. 346 p. (DA)

TAILORING

Design and construction of close-fitting clothes from woven materials. A. V. Savostintskii, E. Kh. Malikhov. Izv. vys. ucheb. zav.; tekh. leg. prom. no. 2 104-111 '61

Sewing with glue, pressing with steam. I. Titova. Izobr. i rats. no. 5:18-21 My '61.

Use of new methods of clothing manufacture from fabric for making patterns of the basic parts of uniforms. E. Kh. Melikov, A. V. Savostitskii. Izv. vys. ucheb. zav., tekh. leg. prom. no. 1 137-143 '60

TAILORING—STUDY AND TEACHING see subdivision under Kamenets-Podol'sk

TAJIK LANGUAGE—GRAMMAR, COMPARATIVE—PERSIAN

Tajik-Persian linguistic ties. A. Z. Rozenfel'd. Uch. zap. LGU no. 294:12-42 '61

TAJIKISTAN—BOARDING SCHOOLS

Comprehensive boarding school in Tajikistan. D. I. Feldshtein. Doshk. vosp. 34 no. 5:18-21 My '61.

TAJIKISTAN—EARTHQUAKES AND BUILDING

The mistake should be corrected. P. Semenov. NTO 2 no. 5:27 My '60.

TAJIKISTAN—LEMON

Meyer's lemon in Tajikistan. I. M. Shaftel'. Biul. Glav. bot. sada no. 39 87-91 '60

TAKHIA-TASH HYDROELECTRIC POWER STATION

Light from the Takhia-Tash. Uzbekistan 19 no. 1:8 Ja '60.

TAKHIROV, KABUL NAZAROVICH, 1913-1960

In memory of K. N. Takhirov; obituary. Med. zhur. Uzb. no. 4:64 Ap '61.

TALC
(see also subdivision under Siberia, Ural Mountain region)
Effect of iron oxides on the properties of steatite electric insulation ceramics. V.G Avetikov, E.I. Zin'ko. Stek i ker. 18 no. 3:19-22 Mr '61.
Iron-free talc. P.P. Smolin. Priroda 50 no. 5:57-60 My '61

TALES
Akademiia nauk SSSR, Institut russkoi literatury. [Russian tales in records and publications of the first half of the 19th century] Russkie skazki v zapisiakh i publikatsiiakh pervoi poloviny XIX veka. Moskva, 1961. 396 p.

TALES, ARMENIAN
Agaian, Gazaros. [Tales] Skazki. Erevan, Armianskoe gos. izd-vo. Erevan, 1960. 190 p. [In Armenian]

TALES, AZERBAIJANI
Heroic motifs of Azerbaijani folk tales [in Azerbaijani with summary in Russian]. I. Babaev. Trudy AFI 7:111-119 '59.

TALES, KHAKASS
Abakan, Khakasskii nauchno-issledovatel'skii institut iazyka, literatury i istorii. [Khakass folk tales. Translated from Khakass] Khakasskie narodnye skazki. [Abakan] Khakasskoe knizhnoe izd-vo, 1955. 142 p.

TALITSA—MINERAL WATERS
Influence of Talitsa mineral water on the motor and secretory function of the stomach under experimental conditions. E.N. Vereshchagina. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 1:22-27 '61

TALL OIL
Esterification of tar and fatty acids of tall oil by means of xylitol. V.N. Kozlov, A.E. Kazanina, V.V. Levina. Gidroliz. i lesokhim. prom. 14 no. 4:9-11 '61.

TALLINN—DEPARTMENT STORES
Tallinn House of Trade. I.A. Shnaider. Sov. torg. 34 no. 5:28-30 My '61

TALLINN—MUSIC MUSEUMS
On the past and present in Estonian music. A. Tamarkin. Sov. muz. 25 no. 5:164-166 My '61.

TALLINN—THEATER
"Fruits of enlightenment." A. Gatenian. Teatr. 22 no. 5:98-100 My '61.

TALYSH MOUNTAIN REGION—HETEROPTERA
Aelia acuminata (Hemiptera-Heteroptera) in the Talysh Mountain region [in Azerbaijani with summary in Russian]. D. Gidaiatov. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 1:117-124 '60.

TAMBOV—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
Our experience in political information. V. Shpakovskii. Polit. samoobr. 5 no. 6:90-92 Je '61.

TAMBOV—MACHINERY INDUSTRY—TECHNOLOGICAL INNOVATIONS
Innovations can be planned. N. Stepanov-Grebennikov. Izobr. i rats. no. 5:28 My '61.

TAMBOV PROVINCE—AGRICULTURE—STUDY AND TEACHING
From the school experimental farms to the collective farm fields. V.N. Kruglashov. Shkola i proizv. 5 no. 5:54-58 My '61

TAMBOV PROVINCE—MAPS
Geographical atlas of Tambov Province. IU.V. Aristov. Geog. v shkole 24 no. 3:88-89 My-Je '61.

TAMBOV PROVINCE—WATER SUPPLY, RURAL
Something new in water supply for livestock farms. I. Rasskazov. Sel'. stroi. 15 no. 2:20-21 F '61.

TANGANYIKA—LABOR AND LABORING CLASSES
The working class of Tanganyika since the Second World War. V.IA. Katsman. Krat. soob. Inst. vost. no. 41:3-22 '59.

TANK, MAKSIM, pseud. see Skurko, IAuhen, 1912

TANK CARS—PAINTING
Corrosion of tank cars used for acid transportation. S.A. Gladyrevskaia. Trudy TSNII MPS no. 208:99-113 '61.

TANK VESSELS
What a river tanker should be. N. Petapov. Rech. transp. 19 no. 3:14-17 Mr '60

TANK WARFARE
Continue to hunt, create, act boldly. M. Marshev, G. Bozh'ev. Voen. vest. 40 no. 10:104-108 O '60.
Coordination of tanks and artillery. Kh. Baranchin. Voen. vest. 40 no. 10:22-24 O '60.
First of all, operate by specialties. D. Shapovalov. Voen. vest. 40 no. 10:94-95 O '60

TANKS
Idashkin, S.I. [Precast reinforced concrete tanks] Sbornye zhelezobetonnye rezervuary. Moskva, VNIIST Glavgaza SSSR, redaktsionno-izdatel'skii otdel, 1960. 119 p.
Plotting standard calibration tables for horizontal cylindrical tanks. N.V. Nikolin. Izm. tekh. no. 5:52-54 My '60
Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 37-55 for determining the capacity and calibration of stationary vertical tanks for petroleum products] Instruktsiia 37-55 po opredeleniiu vmestimosti i kalibrovke statsionarnykh vertikal'nykh rezervuarov dlia nefteproduktov. Izd. ofitsial'noe. Moskva, 1957. 31 p.

TANKS—CLEANING
Rzhavskii, E.L. [Mechanized cleaning of tanks] Mekhanizatsiia ochistki rezervuarov. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 44 p. (Obmen peredovym opytom)

TANNENBERG, BATTLE OF, 1410
The Battle of Tannenberg. N.P. Bobrik. Krat. soob. Inst. slav. no. 31:133-137 '61.

TANNING
Automatic weighing of raw materials for tanning extracts. A.I. IAkadin. Kozh.-obuv. prom. 3 no. 4:31-33 Ap '61.
Effect of tanning on the topographic changes in the wear index of sole leather. G.I. Kuliamin, K.G. Karimov. Kozh.-obuv. prom. 3 no. 4:17-19 Ap '61.
From work practices of the Ostashkov Leather Factory. F.V. Mironov. Kozh.-obuv. prom. 3 no. 4:28-30 Ap '61.
Mechanism of the tanning process. N.V. Grigor'eva, V.A. Pchelin. Izv. vys. ucheb. zav., tekh. leg. prom. no. 2:13-21 '61.
Oxidation-reduction in the interaction between iron compounds and proteins, and causes of the instability of iron-tanned leather. M.I. Derbarendiker. Zhur. prikl. khim. 33 no. 10:2350-2356 O '60
Preventing the grain of chrome leather from becoming shrunken, nonelastic and loose in vegetable tanning (from "Das Leder," no. 12, 1960). S.N. Ramm. Kozh.-obuv. prom. 2 no. 3:34-36 Mr '60
Pumping machinery for tanning shops. S.P. Shatnikin, V.S. Il'chenko. Kozh.-obuv. prom. 3 no. 3:32-33 Mr '60.
Swelling of chamois leather. I.S. Petrov, P.N. Voroponov. Izv. vys. ucheb. zav., tekh. leg. prom. no. 1:13-15 '60
Tanning of stiff leather in a screw conveyer apparatus. D.N. Il'inskii. Kozh.-obuv. prom. 3 no. 1:34-37 Ja '61.
Technical conference of tanning industry workers. Kozh.-obuv. prom. 3 no. 4:30 Ap '61.
Two-step tanning of pigskins. G.S. Liubomirskii, S.D. Kovtunovich. Kozh.-obuv. prom. 2 no. 3:34 Mr '60.
Use of pine extract tannins in processing sole leather. A.I. Metelkin, S.A. Kuraitis. Kozh.-obuv. prom. 3 no. 4:21-23 Ap '61.

TANNING—TECHNOLOGICAL INNOVATIONS
In the Committee of Inventions and Discoveries of the Council of Ministers of the U.S.S.R. E. Goncharov. Kozh.-obuv. prom. 3 no. 1:38-39 Ja '61.

TANNING MATERIALS
Ampelopsis as a tannid plant. S.K. Chervenidi. Izv. AN Uz. SSR no. 6:109-110 '56
Apparatuses and boiling methods for the manufacture of tanning extracts. S.A. Ul'anov. Kozh.-obuv. prom. 3 no. 1:23-25 Ja '61
Effect of the styrol copolymer and maleic anhydride on the tanning action of aluminum salts. I.P. Strakhov, I.A. Gushchina. Kozh.-obuv. prom. 3 no. 4:24-27 Ap '61.
Hardboards made of spent tanbark. P.I. Troshenok. Kozh.-obuv. prom. 3 no. 4:35 Ap '61.
New developments in the investigation of willow-bark extracts. F.V. Mironov, I.S. Shestakova. Kozh.-obuv. prom. 2 no. 3:22-26 Mr '60.
New ND synthetic tanning material for processing sole and Russian leather. Kh.S. Toporovskaia, I.E. Vaisberg. Kozh.-obuv. prom. 3 no. 1:18-20 Ja '61.
New tannid plant. S. Kh. Chevrenidi. Izv. AN Uz. SSR no. 7:89-90 '56.
Synthesizing activity of the fleeceflower root. E.I. Milogradov. Izv. AN Uz. SSR no. 7:11-18 '56.
Works of the Central Scientific and Technical Institute of the Leather and Footwear Industry in the field of tanning materials. S.K. Golubeva and others. Nauch.-issl. trudy TSNIKP no. 30:27-46 '59

TANNING MATERIALS—ANALYSIS
Chemical analysis in production processes and quality control of finished products in the leather and tanning extract industries. V.L. Voitsekhovskii and others. Nauch.-issl. trudy TSNIKP no. 30:120-131 '59.

TANNINS
Tannins of Polygonum coriarium Grig. and Rumex tianschanicus A. Los. P.I. Milogradova. Dokl. AN SSSR 138 no. 4:955-957 Je '61

TANTALUM
Geochemistry of tantalum and niobium. M.V. Kuz'menko. Trudy Inst. min., geokhim., kristallokhim. red. elem. no. 3:3-25 '59.
Separation of niobium and tantalum by the extraction of a niobium N-benzoylphenylhydroxylamine complex. I.P. Alimarin, O.M. Petrukhin, TSze IUn'-shan (Chou Yun-hsiang). Dokl. AN SSSR 136 no. 5:1073-1074 F '61
Separation of rare-earth elements from tantalum [with summary in English]. O.V. Larionov, M.K. Nikitin. Vest. LGU 16 no. 10:73-76 '61.
"Tantalum and niobium" by G.V. Samsonov, V.I. Konstantinov. Book review by IA. Vatsek [translated from Czech]. Tsvet. met. 31 no. 5:80-81 My '61.

TAPEWORMS
Systematic worming of sheep to control moniezioasis. R.Kh. Khaitov, Sh.A. Azimov. Izv. AN Uz. SSR no. 10:87-91 '56

TARGETS (MILITARY SCIENCE)
Recording hits in firing from a grenade launcher at night. V. Romanets. Voen. vest. 40 no. 10:109-110 O '60

TARTU—DISTRIBUTIVE EDUCATION
A secondary school trains sales clerks and cooks. H. Klaassen. Sov. torg. 31 no. 5:40-41 My '61

TASEY REGION—COAL MINES AND MINING
Practice of using the shield method of mining at the Tasey Mine. V.P. Mikhailov. Gor. zhur. no. 3:24-31 Mr '60

TASHAUZ PROVINCE—SOILS
Some microbiological material on the evolution of soils in the Kunyadar'inskaya Plain. G.M. Konobeeva. Izv. AN Uz. SSR no. 7:25-33 '56.

TASHKENT—AGRICULTURAL MACHINERY INDUSTRY
The way to their hearts. Uzbekiston 19 no. 3:4-5 Mr '60.

TASHKENT—AGRICULTURE—STUDY AND TEACHING
Student brigades joined the ranks of progressive workers in production. G.A. Ibragimov, V.N. Chirkov. Vest. vys. shkoly 19 no. 5:46-47 My '61
Student brigades joined the ranks of progressive workers in production. G.A. Ibragimov, V.N. Chirkov. Vest. vys. shkoly 19 no. 5:46-47 My '61

TASHKENT—AUTOMOBILES
First automobiles in Tashkent. B. Perevozchikov. Uzbekiston 18 no. 12:28 D '59.

TASHKENT—CHILDREN—EMPLOYMENT
What can be done? They are not eighteen yet. N. Semenov. Uzbekiston 19 no. 2:27 F '60

TASHKENT—COTTON-PICKING MACHINERY
Forty-six thousand in seven years. Uzbekiston 19 no. 3:10 Mr '60.

TASHKENT—CRIME AND CRIMINALS
Is the judge right? IU. Bagdasarov. Uzbekiston 18 no. 12:24-25 D '59.

TASHKENT—DESCRIPTION
Do you know Tashkent? Uzbekiston 19 no. 3:28 Mr '60.

TASHKENT—ECONOMIC CONDITIONS
The party takes care of us. G. Nikolaev. Uzbekiston 18 no. 12:11-15 D '59.

TASHKENT—EDUCATION, COOPERATIVE
Student brigades joined the ranks of progressive workers in production. G.A. Ibragimov, V.N. Chirkov. Vest. vys. shkoly 19 no. 5:46-47 My '61

TASHKENT—FESTIVALS
Festival of friendship. D. Aleksandrov. Uzbekiston 18 no. 11:14a-14c N '59.

TASHKENT—HOSPITALS—OUTPATIENT SERVICES
Concerning the articles, "Medical care without registration in outpatient institutions of Tashkent" and "Distribution of surgical beds in a city." V.A. Miniaev and others. Zdrav. Ros. Feder. 5 no. 5:39-41 My '61

TASHKENT—INSTALMENT PLAN
On credit. D. Grigor'ev. Uzbekiston 19 no. 2:17 F '60.

TASHKENT—INTESTINES—DISEASES
Influence of water supply from wells on the incidence of intestinal infections in small sections of Tashkent. N.P. Masharipov. Med. zhur. Uzb. no. 4:34-37 Ap '61.

TASHKENT—MEDALS, MILITARY AND NAVAL
Interesting find. G. Naboishchikov. Uzbekiston 19 no. 3:15 Mr '60.

TASHKENT—MILITARY EDUCATION
Inextinguishable fire ("Eternal fire" by A. S. Batygin. Reviewed by B. Borisov). Komm. Vooruzh. Sil 1 no. 12 90-92 Je '61.

Soldiers of peace. G. Nikolaev Uzbekistan 19 no 4 13 Ap '60.

TASHKENT—PENSIONERS—SOCIETIES, ETC.
Council of pensioneers. D. Grigor'ev, N. Nurov Uzbekistan 18 no. 11 25 N '59.

TASHKENT—PORCELAIN, UZBEK
Uzbek china. N. Solov'eva. Uzbekistan 19 no. 3:24 Mr '60.

TASHKENT—RAILROADS—STATIONS
New railroad station in Tashkent. S Nesterovich Uzbekistan 19 no 2 17 F '60

TASHKENT—SHIGELLA AMBIGUA
Shigella ambigua in Tashkent Report No 2 Serological characteristics P F Samsonov, M. N IAnishevskaia Med. zhur Uzb no 3 47-50 Mr '61

TASHKENT—SOCIAL ETHICS
Is the judge right? Iu. Bagdasarov. Uzbekistan 18 no. 12 24-25 D '59.

TASHKENT—TEXTILE WORKERS
Shock workers of communist labor Uzbekistan 19 no 2 6 F '60.

TASHKENT—THIAMINE
Vitamin B1 metabolism in healthy subjects under the conditions of Tashkent in relation to the period of the year A G. Khalilov, V V. Motorina Sbor trud Uz nauch -issl tub. inst 3 161-165 '57

TASHKENT—TUBERCULOSIS
Glutathione metabolism and extrapleural pneumolysis under the climatic conditions of Tashkent K I Ruban Sbor trud Uz nauch -issl tub inst. 3 103-105 '57

TASHKENT PROVINCE—ALGAE
Algae of rice fields of Tashkent Province, M. Kuchkarova. Uzb. biol. zhur. no. 2:12-16 '61.

TASHKENT PROVINCE—INDUSTRIES
Tashkent Economic Council. Uzbekistan 19 no. 1 9 Ja '60

TASHKENT PROVINCE—MINERS—DISEASES AND HYGIENE
Work on the prevention of silicosis and silico-tuberculosis at the newly organized mines of Uzbekistan M V Manannikova and others Sbor trud Uz nauch -issl tub inst 3 193-195 '57

TASHKENT UNIVERSITY
Friendship is the greatest treasure A Ostapets. Uzbekistan 19 no. 1 19 Ap '60

TATAR A.S.S.R.—BALLET
"Raushan." N. Shumskaia. Sov. muz. 25 no. 6 138-140 Je '61.

TATAR A.S.S.R.—CONSTRUCTION INDUSTRY
The best inter-farm organization in Tatarstan. I. Sannikov, M. Budaili, Sel'. stroi. 15 no. 2:15 F '61.

TATAR A.S.S.R.—HIGHWAY TRANSPORT WORKERS
Contribution of efficiency promoters. I. Mishin, E. Kashaeva. Avt. transp. 39 no. 5:55 My '61.

TATAR A.S.S.R.—RUSSIAN NEWSPAPERS
On the attitude toward criticism. Part. zhizn' no. 11:50-54 Je '61.

TATARSK DISTRICT—COLLECTIVE FARMS—FINANCE
Methodology for calculating differential incomes P. Malyshev. Vop ekon no. 5 97-102 My '61.

TATISHCHEV, VASILII NIKITICH, 1686-1750
History of Russian historical science in the 18th century; V. N. Tatishchev's historical studies and organizational work. M. O. Kosven. Ist. SSSR 5 no. 3:160-166 My-Je '61.

V. N Tatishchev, outstanding educational worker of the first half of the 18th century. A. A. Burov Sov. pedag. 25 no 5 110-120 My '61

TATRA MOUNTAINS
In the embrace of the Tatras. Vlast Dockalova. Uzbekistan 18 no. 11:19 N '59.

TATYSHLINSKIY DISTRICT—SCHOOL MANAGEMENT AND ORGANIZATION
We are improving educational equipment and facilities. R. Valeev. Nar. obr. no. 5 64-65 My '61.

TAUTOMERISM
Stereochemical studies. Part 9. Spectropolarimetric detection of the tautomerism of amides. V M. Potapov, A. P. Terent'ev. Zhur ob. khim 31 no. 5 1720-1729 My '61

TAX ACCOUNTING
(see also subdivision under Uzbekistan)
Decentralized payments to the national budget of deductions from profit by government-owned industrial enterprises. A S Bulat Uch zap TGU no. 31 135-142 '59.

TAXICABS see subdivision under Paris

TAXICABS—TESTING
Checking taximeters. A. I. Suvorov. Izm. tekh. no. 5 13-14 My '61.

TAYMYR PENINSULA—PHYSICAL GEOGRAPHY
"Badland" in the northern part of the Taymyr Peninsula I. D. Mironshnikov. Izv. AN SSSR. Ser geog no. 3 86-88 My-Je '61

TAZLTDINOVA, KHAZIAR
The heart beats faster. Okhr. truda i sots. strakh. 4 no. 5 33 My '61.

TBILISI see Tiflis

TEA
(see also subdivision under Angren Valley, Astara District, China; Georgia, Lenkoran District)
Effect of gibberellin on the growth of dormant shoots in the tea plant. M. A. Ali-Zade. Dokl. AN SSSR 136 no 2 170-172 My '61.

Isolation of quinic and shikimic acids from shoots of the tea plant [with summary in English]. M. N. Zaprometov. Biokhimiia 26 no. 2:373-384 Mr-Ap '61.

Paper chromatographic study of carbohydrates by the use of a densitometer [with summary in English]. M. A. Bokuchava, N. I. Skobeleva. Biokhimiia 26 no. 2:361-365 Mr-Ap '61.

TEACHERS
(see also subdivision under Ukraine)
In the Ministry of Education of the R.S.F.S.R. Nach. shkola 20 no 5 91-93 My '61.

They struggle for the high quality of work. Doshk. vykh. 22 no. 5 11-12 My '61.

Whole life dedicated to children. O. Zakharova. Doshk. vykh. 22 no. 5 8-9 My '61

TEACHERS—LEGAL STATUS, LAWS, ETC.
Answering our readers' questions. Nar. asv. no. 1:90-92 Ja '61.

TEACHERS—OUT-OF-SCHOOL ACTIVITIES
The education of people is a great honor. Nar. asv. no. 3:3-6 Mr '61.

TEACHERS—SALARIES, PENSIONS, ETC.
Characteristics of the computation and award of pensions to pedagogical workers. IU. TSederbaum. Okhr. truda i sots. strakh. 4 no. 5:51-53 My '61.

Procedure in acquiring and the remuneration of annual leave P. Zashchita, D. Rafalovich. Doshk. vykh. 22 no 5 39-40 My '61.

TEACHERS, TRAINING OF
(see also subdivision under Moscow; Odessa Province, Sumy Province)
Graduation projects as a means to improve the training of teachers in pedagogical institutes. N. A Sorokin. Sov pedag. 25 no. 5 79-88 My '61

Pedagogical institutes and schools. A. G. Orlov. Vest. vys. shkoly 19 no 5 64-68 My '61.

Solving the new problems. A. F. Kolesnikova. Doshk. vosp. 34 no. 5:12-15 My '61.

Summer courses for teachers. A. N. Tarasov. Nach. shkola 20 no. 5, 38-41 My '61.

Teachers as a decisive force in reorganization. F. Maksimenko. Nar. obr. no. 5, 12-17 My '61.

Training primary grade teachers with higher education. V. Nefedov, V. Kokosh, IU. Rusov. Nar. obr. no. 5, 22-26 My '61.

TEACHING
(see also subdivision under Stupino District)
Characteristics of organizing the homework of grade 5 students V. S Boiarkina. Sov. pedag. 25 no. 5 29-38 My '61.

Combined questioning. P. N. Nikiforov. Sred. spets. obr. 8 no. 5:11-13 My '61.

Connection between instruction and production work in student production brigades. A. M. IAsiko. Sov. pedag 25 no. 4 35-39 Ap '61.

Creativeness and initiative. I. Sysoev. Nar. obr. no. 5 27-35 My '61.

Danilov, M. A. [Educational process in Soviet schools] Protsess obucheniia v sovetskoi shkole. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 299 p.

Educational classics on the principles of didactics and their interdependence. Sh. I. Ganelin Sov. pedag. 25 no. 5 121-134 My '61

Inculcate in students the habit of independent work. F. I. Vaisburd. Sred. spets. obr. 8 no. 5:17-21 My '61.

Let's discuss these questions. Nar. obr no. 5 56 My '61.

Methods of delivering lectures. L. A. Boldin. Sred spets obr 8 no. 5 13-17 My '61

On "dangerous" schoolboys and tendentious critics. F Vigdorova Inostr lit no 4 225-227 Ap '61

The rule "from the elementary to the complex" in teaching and its theoretical basis V G Afanas'ev Uch zap Chel gos ped inst 6 no 1 67-81 '59

TEACHING—CONGRESSES
Conference on didactics. Nar. obr. no. 5 122-124 My '61.

TECHNICAL ASSISTANCE, RUSSIAN see subdivision under Ceylon; Mongolia

TECHNICAL EDUCATION
(see also subdivision under Czechoslovakia, Great Britain, Moscow; Rostov-on-Don, Ukraine)
Brief news. Sred. spets. obr. 8 no. 5 63 My '61

Cultural and technical development of Soviet workers from 1917 to 1958, a historical and statistical study A. G. Rashin. Ist. SSSR 5 no 2 10-21 Mr-Ap '61

Every technical school should have its laboratory. D. I. Chuprunov. Sred. spets. obr. 8 no. 5 2-5 My '61.

In the Academy of Pedagogical Sciences of the R.S.F.S.R Prep ist v shkole 16 no. 3 119-120 My-Je '61

Inculcate in students the habit of independent work. F. I. Vaisburd Sred spets. obr. 8 no 5 17-21 My '61.

Knowledge is strength Komsom. zhizn' no. 3 26-28 F '60.

Public university for increasing the qualifications of engineers and technicians. Mashinostroitel' no. 5:48 My '60.

Technical education in general schools of the R.S.F.S.R in 1930-1934 L. F. Spirin Uch zap. Chel gos ped inst. 6 no 1 173-193 '59.

Toward the 22d Congress of the CPSU. Vest vys. shkoly 19 no 5:9-10 My '61

University for raising the qualification of engineers and technicians. Stan. i instr 31 no 5 42 My '60

TECHNICAL EDUCATION—EXHIBITIONS
Technical work by students. N. S. Novdrina. Gor. khoz. Mosk. 35 no. 4 28a-28d Ap '61.

TECHNICAL LIBRARIES
Attention, readers. V. Shirokii. Energetik 9 no. 5:40 My '61.

TECHNICAL SOCIETIES
(see also subdivision under Buryat-Mongolia; Kherson Province; Kurgan Province; Latvia; Yaroslavl)
Editing and publishing activity of scientific technological societies. G. V. Grishin. NTO 3 no. 5:56-57 My '61.

In central boards and province councils of societies. NTO 2 no. 5, 62 My '60.

In the Presidium of the All-Union Council of Scientific Technological Societies NTO 2 no 5:61 My '60.

Learn to work and to live in the communist way. NTO 2 no 5:2-3 My '60.

Readers' letters. NTO 3 no. 5:47 My '61.

Reports and elections are proceeding. NTO 3 no. 5:1-2 My '61.

Supporting the appeal of chemists. V. Siforov and others. NTO 2 no 5:38 My '60.

TECHNICIANS IN INDUSTRY
The student has graduated from an institution of higher learning ... M. A. Dzhabrailov. Vest vys shkoly 19 no. 5:69-74 My '61.

TECHNOLOGICAL INNOVATIONS
(see also subdivision under Aktyubinsk Province; Kazakhstan)
Advertising board. Izobr. i rats. no. 5:30-31 My '61.

At various latitudes. Znan. ta pratsia no. 3:24 Mr '61.

Brief news. Izobr. i rats. no. 5:33 My '61.

Consider man when creating the new. N. Beliaev. NTO 3 no. 5:39-41 My '61.

Consultations. Izobr. i rats. no. 5:11, 17, 49 My '61.

Following up our articles. Izobr. i rats. no. 5:45 My '61.

Foreign information. Izobr. i rats. no. 5:62-64 My '61.

Formulation of the invention should be simple. V. Bakastov. Izobr. i rats. no. 5:36-39 My '61.

From periodicals. NTO 2 no. 5:64 My '60.

From readers' letters. NTO 2 no. 5:43-44 My '60

How? Why? Where? Znan. ta pratsia no. 2:31-32 F '61.

How to improve the "mechanism" of introduction? I. Mamiofa. Izobr. i rats. no. 5:26-28 My '61.

In the work of technology. Mekh. sil'. hosp. 12 no. 6:31 Je '61.

In the world of technology. Mekh. sil'. hosp. 12 no. 5:31 My '61.

In various latitudes. Znan. ta pratsia no. 2:20-21 F '61.

TECHNOLOGICAL INNOVATIONS (Continued)

In various latitudes. Znan. ta pratsia no. 5, 15 My '61.

The new criminal code protects the rights of innovators. V. Golenkov. Izobr. i rats. no. 5, 40-41 My '61.

Our review of new developments. E. Kasatkina. Tekh. mol. 29 no. 4:11 Ap '61.

Our review of technological developments. E. Kasatkina. Tekh. mol. 29 no. 5:26 '61.

Readers' letters. Izobr. i rats. no. 5:2-3 My '61.

Suggested, created, introduced. Izobr. i rats. no. 5:22-23 My '61.

Through our homeland. Znan. ta pratsia no. 5:9 My '61.

Trampled conscience. I. Ivanov. Izobr. i rats. no. 5, 57-58 My '61.

You did not work in vain. L. Nemirovskii. Izobr. i rats. no. 5, 42-44 My '61.

TECHNOLOGICAL INNOVATIONS—BIBLIOGRAPHY see Bibliography—Technological innovations

TECHNOLOGY

Fiction comes true. B. Liapunov. Tekh. mol. 29 no. 4, 40 Ap '61.

From foreign journals. Tekh. mol. 29 no. 4:33 Ap '61.

In foreign countries. Nauka i zhizn' 27 no. 4:72 Ap '60.

A little bit about many things. Nauka i zhizn' 27 no. 1:70-71 Ap '60.

A little bit about many things. Nauka i zhizn' 28 no. 1, 74-76 Ap '61.

A little bit about many things. Znan. sila 36 no. 5:36 My '61.

The mirror of technological revolution ("Technical progress in the U. S. S. R. from 1959 to 1965," Reviewed by A. Khavin). Novyi mir 37 no. 5:266-268 My '61.

News around the world. Tekh. mol. 29 no. 5:30-31 '61.

News around the world. Znan. sila 36 no. 2:45-46 F '61.

News around the world. Znan. sila 36 no. 5:37 My '61.

News from five continents. [Un. tekh. 5 no. 1:48 Ja '61.

News from five continents. Un. tekh. 5 no. 2:20-21 F '61.

News from foreign countries. Nauka i zhizn' 28 no. 4, 44 Ap '61.

Star-studded road. Volodymyr Vladko. Ukraina no. 7, 23-24 Ap '60.

Technological progress and changes in the vocational composition of workers. Biul. nauch. inform.: trud i zar. plata 4 no. 5:3 '61.

What is new around the world. Tekh. mol. 29 no. 4:28-29 Ap '61.

TECHNOLOGY—BIBLIOGRAPHY see Bibliography—Technology

TECHNOLOGY—TERMINOLOGY

Lotte, D. S. [Principles for compiling scientific technical terminology; problems of the theory and methods] Osnovy postroeniia nauchno-tekhnicheskoi terminologii, voprosy teorii i metodiki. Moskva, Izd-vo Akad. nauk SSSR, 1961. 156 p.

TECHNOLOGY AND CIVILIZATION

Youth and the future. J. D. Bernal. Vsem stud. nov 15 no. 2:12-14 F '61

TEDZHEN RESERVOIR

Specific features of the operation of Tedzhen Reservoir. E. IA. Frolikova. Trudy SANIIRI no. 101:46-56 '59

TEETH

Adsorption properties of the hard dental tissues. A. N. Shadrina. Stomatologiia 40 no. 1:35-38 Ja-F '61.

Influence of vitamins B_{12} and B_6 on protein metabolism in the hard tissues of the teeth and bones in rats. Liu Din'-sin' [Liu Ting-hsin]. Stomatologiia 40 no. 1, 17-20 Ja-F '61.

Physical therapy in fractures of dental roots. T. Safarov. Stomatologiia 40 no. 2:90-91 Mr-Ap '61.

TEETH—ABNORMITIES AND DEFORMITIES
(see also subdivision under Nalchik)

Atypical case of retention and dystopia of the lower wisdom tooth. G. M. Kaprielov. Stomatologiia 40 no. 2, 89 Mr-Ap '61.

Rare case of a dental anomaly. P. S. Afon'kin. Stomatologiia 40 no. 2, 90 Mr-Ap '61.

Rare form of absence of teeth. F. IA. Khoroshilkina. Stomatologiia 40 no. 1:94-95 Ja-F '61.

Two cases of dystopia of a tooth. V. I. Burgonskaia. Stomatologiia 40 no. 2, 89-90 Mr-Ap '61.

TEETH—BLOOD SUPPLY

More on the blood supply of dental pulp. E. I. Gavrilov. Stomatologiia 40 no. 2:86-87 Mr-Ap '61.

TEETH—DISEASES

Carrying out a one-stage biological method for treating deep dental caries and pulpitis. P. S. Frudin. Stomatologiia 40 no. 2:56-58 Mr-Ap '61.

Conservative treatment of teeth with root granulomas and cystogranulomas [in Azerbaijani with Russian summary]. A. A. Akhmedov. Azerb. med. zhur. no. 4:110-117 Ap '60.

Method for producing experimental caries in cotton rats. A. L. Sharpenak and others. Stomatologiia 40 no. 1, 12-17 Ja-F '61.

Prevention of dental caries. V. A. Klimenko. Med. sestra 20 no. 4:33-36 Ap '61.

Significance of the quantitative determination of lactic acid bacteria in the saliva for the characteristics of caries formation in teeth. P. F. Belikov, E. M. Moskvina. Stomatologiia 40 no. 2, 3-5 Mr-Ap '61.

Suppurative follicular cyst in early childhood. M. Z. Portnoi. Stomatologiia 40 no. 1, 95-96 Ja-F '61.

Symmetry and asymmetry in dental caries. M. IA. Berin. Stomatologiia 40 no. 2, 6-7 Mr-Ap '61.

Treatment of odontogenic inflammatory processes. G. A. Vasil'ev. Stomatologiia 40 no. 2, 22-27 Mr-Ap '61.

Treatment of odontogenic subcutaneous facial granuloma. G. V. Staren'kova. Stomatologiia 40 no. 1, 63-65 Ja-F '61.

TEETH—MICROBIOLOGY

Microbiological investigations following treatment of teeth with ultrasound. V. I. Kuskova, L. V. Morozova. Stomatologiia 40 no. 1, 27-29 Ja-F '61.

TEETH, FOSSIL

Histological and histochemical investigations of human teeth from the Bronze and Stone Age. L. I. Talin. Stomatologiia 40 no. 1, 3-12 Ja-F '61.

TEKTITE

Quantitative spectrum analysis of tektites and the silicate phase of meteorites. G. G. Vorob'ev. Meteoritika no. 20, 185-192 '61.

Uranium and lead in tektites. I. E. Starik and others. Meteoritika no. 20, 204-207 '61.

Vector diagram of the chemical composition of tektites and lavas. L. G. Kvasha, G. S. Gorshkov. Meteoritika no. 20, 193-203 '61.

TELAVI DISTRICT—BIRDS

Material for a study of the birds of Telavi District [in Georgian with summary in Russian]. I. D. Chkhikvishvili. Vest. Gos. muz. Gruz. SSR 20, 3-220 '59

TELECOMMUNICATION

Devices for investigating power networks used in high-frequency communications. D. IA. Gelman. Shor. mat. po avtom. proizv. prots. i disp. no. 5, 101-114 '60

Gubin, N. M., and O. S. Sapronov. [Problems in economics and planning in district communication offices] Voprosy ekonomiki i planirovaniia v raionnykh kontorakh sviazi. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1960. 127 p.

TELEGRAPH

Creator of the electromagnetic telegraph. B. M. Mar'ianov. Nauka i zhyttia 11 no. 1, 42-43 Ap '61.

TELEGRAPH WIRE

Efforts to avoid discards in rolled telegraph wire rods. M. A. Tylkin, V. A. Nikitskaia, G. N. Burkhan. Stal' 21 no. 5:448-451 My '61

TELEMETERING

Square-wave generator with controlled frequency and duty-cycle reciprocal ferrites and transistors. G. V. Bessarabov. Izv. vys. ucheb. zav.; elektromekh. 3 no. 12:32-39 '60.

TELEPHONE

[Electric communications and wire broadcasting] Elektricheskaia sviaz' i radiofikatsiia. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1961. 607 p. (Posobiia dlia sviazistov massovykh professii)

[High-frequency telephony systems using long-distance telephone lines; information manual] Sistemy vysokochastnogo telefonirovaniia po mezhdugorodnym kabel'nym liniiam; informatsionnyi sbornik. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1958. 113 p. (Tekhnika sviazi za rubezhom)

TELEPHONE LINES—CONSTRUCTION see subdivision under Moscow

TELESCOPE

The heavens and hands, a sketch. IUrii Altanskii. Zvezda no. 4, 3-14 Ap '61

TELESCOPE, RADIO

Observatory of tomorrow. F. Zigel'. [Un. tekh. 5 no. 1:21-24 Ja '61.

TELESCOPE, REFLECTING

Theory of a three-mirror astronomical objective. V. N. Churilovskii. Izv. vys. ucheb. zav.; prib. 3 no. 1:69-76 '60.

TELEVISION

Brief news. Tekh. kino i telev. 5 no. 5:95-96 My '61.

Moscow on foreign television screens. Sov. pech. no. 5:50 My '61.

Television is on. V. Volkov, V. Ishkhanov. Sov. pech. no. 6:38-39 Je '61.

TELEVISION—BIBLIOGRAPHY see Bibliography—Television

TELEVISION—STAGE-SETTING AND SCENERY

What colors look best in television? Z. Pelikis. Sov. radio i tel. 8 no. 1:26 '59.

TELEVISION ACTING see Acting for television

TELEVISION AND CHILDREN

Did you know that...? Sov. radio i tel. 8 no. 4:16 '59.

TELEVISION BROADCASTING
(see also subdivision under Ukraine)

For the fulfillment of the seven-year plan ahead of time. A. Kolodub. Sov. radio i tel. 8 no. 1:1-2 '59.

From the pages of newspapers. Sov. radio i tel. 8 no. 1:40 '59.

Much ado about nothing? T. Liflin. Sov. pech. no. 4:50-51 Ap '61.

TELEVISION BROADCASTING OF NEWS

Television information. N. Mushnikov. Sov. radio i tel. 8 no. 1:22-23 '59.

TELEVISION IN AGRICULTURE

For rural workers. N. Briakin. Sov. radio i tel. 8 no. 4:12-13 '59.

TELEVISION IN COMMUNIST EDUCATION

Seminar of television workers. Sov. radio i tel. 8 no. 4:25 '59.

TELEVISION IN EDUCATION
(see also subdivision under Belorechensk)

Television as an aid to correspondence students. G. V. Fisher. Stud. spets. obr. 8 no. 5:36-39 My '61.

TELEVISION IN GEOLOGY see subdivision under Ukraine

TELEVISION IN PETROLEUM ENGINEERING

Television controls the operation of oil wells. A. Merkulov. Sov. mor. 20 no. 4:12 F '60.

TELEVISION MUSIC

Music experts speaking. Sov. radio i tel. 8 no. 4:13 '59.

Music on television. V. Rachkovskaia. Sov. radio i tel. 8 no. 4:15-16 '59.

Television broadcast of a forgotten opera. V. Savnov. Sov. radio i tel. 8 no. 4:27 '59.

TELEVISION PLAYS
(see also subdivision under Odessa)

Promotion of dashing behavior. M. Poluphskii. Grazhd. av. 18 no. 5:31 My '61.

TELEVISION PROGRAMS
(see also subdivision under Saratov)

Amateur drama festival. A. Alekseev. Sov. radio i tel. 8 no. 4:17 '59

Did you know that...? Sov. radio i tel. 8 no. 4:16 '59.

Our search for new developments in documentary television. R. Bobretskii. Sov. radio i tel. 8 no. 4:23-25 '59.

Television column. L. Tatasov. Sov. radio i tel. 8 no. 4:11 '59.

TELEVISION PROJECTION

Electronic composition. S. I. Kataev, L. I. Kurdov, B. P. Khromoi. Tekh. kino i telev. 5 no. 5:3-12 My '61.

Using fiber optics for the reproduction of television images. D. D. Sudnavskii. Tekh. kino i telev. 5 no. 5:23-27 My '61.

TELEVISION STATIONS see subdivision under Moscow, Riga

TELEVISION STATIONS—EQUIPMENT AND SUPPLIES

Instrument for detecting damages of the camera cable. IA. Antonov. Tekh. kino i telev. 5 no. 5:62 My '61.

Studio camera channel of the television station. I. I. Sheifis. Tekh. kino i telev. 5 no. 5:73-80 My '61.

TELEVISION STATIONS—LIGHTING

Efimov, A. P. [Lighting equipment of television studios] Svetotekhnicheskoe oborudovanie televizionnykh studii. Moskva, Gos. energ. izd-vo, 1960. 150 p.

TELLURIC CURRENTS see Earth currents

TELLURIUM
(see also subdivision under Kola Peninsula)

Some problems with regard to the geochemistry of selenium and tellurium in copper-nickel ores of the Noril'sk region [with summary in English]. G. G. Zainullin. Geokhimiia no. 3:231-240 '60.

TEMIR-TAU—OPEN-HEARTH PROCESS

Increase the productivity of open-hearth furnaces. N. Ishmukhamedov. Nar. khoz. Kazakh. 19 no. 5:36-37 My '61.

TEMPERAMENT

Comparative characteristics of typological properties of the nervous system and general behavior in dogs [with summary in English]. D. A. Chebykin. Zhur. vys. nerv. deiat. 11 no. 1:119-126 Ja-F '61.

EMPERAMENT (Continued)
The interrelationship between character and temperament A. A. Slutskin Uch zap Komi gos ped inst no 7 293-312 '59.
Relations between fatigue and type of higher nervous activity (from data of ergographic studies) [with summary in English] D Mateev, V Georgiev Fiziol zhur. 46 no 2 113-117 F '60

EMPERATURE—MEASUREMENT
Highly sensitive resistance thermometer for continuous recording of temperature pulsations G.G. Khundkun. Vest. Mosk. un Ser. 3 Fiz., astron. 15 no.6 64-66 N-D '60.

EMPERATURE—PHYSIOLOGICAL EFFECT
Change in the thermostability of some free-living protozoa under the influence of a previous temperature regimen I S Iritina TSitologiia 2 no 2 227-234 Mr-Ap '60
Reaction of thermoreceptors of the skin to local, reflex, and general temperature changes [with summary in English]. L. M. Kurilova. Biul. eksp. biol i med. 49 no. 3:3-7 Mr '60
Reactions of cutaneous blood vessels to heat and cold in cattle. A P Kostin, K G Sukhomlin Fiziol zhur 47 no 4:329-335 Mr '61

EMPERATURE REGULATORS
Automatic control of the furnace temperature during the recording of heating curves. D. Z Serazetdinov, V. V. Tikhonov. Izv. AN Kazakh. SSR, Ser. khim. no. 2 114-117 '60.
Automatic programmed regulator of the rate of the electric heating of instruments and apparatus. S. N. Antonov, G. O. Tatevos'ian. Plast. massy no. 6:46-47 '61.
Automatic temperature regulation of defibration M.M. Snegirev. Bum. prom. 36 no 5 25-26 My '61.
Automatic temperature regulator. V. I. Bel'skikh. Avt. prom. 27 no. 5:19-20 My '61.
Automatic temperature regulator for the cooling water of the engine. A. Kh. Eliava. Avt prom. 27 no. 5:18-19 My '61.
FTR electric heat regulator. I. G. Vasil'ev, L. V. Radievskii, I. N Shapovalov. Poligr proizv. no. 1:15-16 Ap '61.
Programmed heating of metals. V. Kaganov. Nauka i zhizn' 27 no. 4:65 Ap '60.
Temperature regulation of gases at the inlet and outlet of a rotating tubular furnace with internal heating. V. D. Ryvkin. Khim. mash no. 3 5-7 My-Je '61.

EMPERATURE SENSE
Diapason measurement of thermoreception of the cutaneous analyzer in patients with staphylogenic syconis. A N. Gurlev. Vest. derm. i ven 35 no 1:33-35 Ap '61.
Electric thermoaesthesiometer [with summary in English]. K. K. Sergeev. Biul. eksp. biol. i med. 50 no. 7:112-113 Jl '60.

EMPERING
Processes taking place during the tempering of nickel steels. B. M IAkovlev, B A Apaev Fiz. met. i metalloved 11 no 2 261-271 F '61.

EMPORAL BONE—DISEASES
Histopathology of the temporal bones and cervical sympathetic ganglia in latent otitis, antritis, and mastoiditis in young children [with summary in English]. A. D. Gurkov. Zhur. ush., nos. i gorl. bol 20 no 1.43-47 Ja-F '60.

EMRYUK GULF REGION—COASTS
The western Temryuk drift of sandy sediments V L. Boldyrev, E. N Nevesskii Trudy Okean kom 8:45-59 '61.

ENSIOMETERS
Portable four-channel tensiometer. V. M. Shkol'nik. Izv. vys. ucheb. zav.; gor. zhur. no. 11:108-116 '59.
Use of tensiometric pickups in studying wave processes. E. M. Levkevich Trudy Okean. kom 8 186-191 '61

ENT CATERPILLARS
(see also subdivision under Siberia)
Composition and properties of hemolymph of the larch spinner. N. G. Kolomiets, A. B. Gukasian, Izv. Sib. otd. AN SSSR no. 3 82-86 '61.

EREK-KUMA CANAL
Terek-Kuma Canal. I. P. Krichevtsov. Gidr. i mel. 13 no. 5:3-12 My '61.

EREK VALLEY—GEOLOGY, STRATIGRAPHIC
Upper boundary of the Maikop series in the western part of the Trans-Terek Plain. M N Smirnova Trudy GNI no. 21:173-177 '59.

EREK VALLEY—PASTURE RESEARCH
Dynamics of accumulation of overground vegetable matter in desert, steppe, and meadow biogeocoenoses of the Terek-Kuma Lowland E. V. Shiffers, R. V Sukhoverko. Bot. zhur. 45 no 4:555-564 Ap '60.

TERENTIUS AFER, PUBLIUS
Studies on the syntactic structure of sentences in Terence's comedies N P. Lotova, Uch zap, LGU no 299 193-132 '61.

TEREPHTHALIC ACID
Characteristics of the thermal expansion of polyethylene terephthalate [with summary in English]. A. V. Sidorovich, E. V. Kuvshinskii. Vysokom. soed. 3 no. 2. 161-163 F '61.
Isomorphous substitution in polyethylene terephthalate [with summary in English] B V Petukhov, S. M Kondrashova. Vysokom soed. 3 no 5.657-661 My '61
Modified polyethylene terephthalate for electric insulation lacquers R Mikhail and others. Zhur prikl khim 34 no 10:2336-2340 O '60
Polarographic method for determining terephthalic acid. V. D Bezuglyi, E IU Novik. Zav lab 27 no 5 514-515 '61
Polarographic study of terephthalic acid [with summary in English]. V. D Bezuglyi, E. IU Novik Zhur. fiz khim. 34 no. 4 795-801 Ap '60
Synthesis of terephthalic acid via chloromethyl derivatives of aromatic hydrocarbons A E Kretov and others. Zhur prikl khim 33 no 10:2329-2335 O '60

TERMEZ—Q FEVER
Clinical aspects of Q fever (as revealed by observations in Termez) P N IAkunin Med. zhur. Uzb no 3 17-21 Mr '61

TERNEY DISTRICT—ORE DEPOSITS
Association of cassiterite-sulfide and mercury ores with basic igneous rocks in Terney District (Maritime Territory) V I Chainikov Geol rud mestorozh. no 2 90-99 Mr-Ap '61.

TERNOPOL PROVINCE—EDUCATION, PRESCHOOL
Give full assistance to the improvement of preschool institutions on collective farms. L Gubenko. Doshk. vykh. 22 no. 6 19-21 Je '61.

TERRACES (GEOLOGY) see subdivision under Franz Josef Land, Sudakskaya Bay

TERRAMYCIN
Effect of the quality and age of the inoculation material on the growth and development of Act. limosus and the synthesis of oxytetracycline [with summary in English] N V. Orlova, A A. Prokof'eva-Bel'govskaia. Antibiotiki 6 no. 1 15-20 Ja '61.
Experimental data for a study of the effect of oxytetracycline in combined therapy for acute radiation injury [with summary in English] N. V. Raeva, M. I. Fedotova, I. N Usacheva Antibiotiki 5 no 2 60-63 Mr-Ap '60.
Some experimental data on the effect of various functional conditions of the organism on the concentration of oxytetracycline in various organs [with summary in English]. A. M Chernukh, V. S. Nevstrueva, P. N. Aleksandrov. Antibiotiki 5 no. 2 41-44 Mr-Ap '60.
Terramycin in the treatment of dysentery. A. I. Kolobkova. Lech. infekts. bol'. no. 4 39-40 '60.
Therapeutic effect of oxytetracycline, tetracycline, and their combinations with other antibiotics in experimental plague [with summary in English]. L. N. Makarovskaia, I. S. Tinker, E. N Aleshina Antibiotiki 5 no 2 63-67 Mr-Ap '60
Treatment of typhus patients with a combination of ACTH or cortisone and oxytetracycline [with summary in English] E. A. Gal'perin, A. V. Eremenko. Antibiotiki 5 no. 2.105-110 Mr-Ap '60.
Use of a grown mycelium for the study of oxytetracycline biosynthesis processes Hsu-Ching Antibiotiki 6 no 4:206-210 Mr '61.
Use of oxytetracycline for intramuscular administration in the treatment of chronic brucellosis. IU. N. Gurskii, M. M Mikhailova, IU. F. Shcherbak. Antibiotiki 5 no. 2 110-114 Mr-Ap '60.

TERRESTRIAL MAGNETISM see Magnetism, Terrestrial

TERRORISM
Stepniak-Kravchinskii, S. M. [The Russian underground] Podpol'naia Rossiia. Moskva, Gos. izd-vo khudozh. lit-ry, 1960. 220 p.

TERSKEI ALA-TAU—AVALANCHES
Relief-forming role of snow avalanches in the Terskey Ala-Tau Range. M. I. Iveronova. Izv. AN SSSR, Ser. geog. no. 3:50-55 My-Je '61.

TESTING LABORATORIES
(see also subdivision under Chelyabinsk)
Means of increasing the labor productivity of analysis in industrial laboratories. A. Smolovik. Kozh.-obuv. prom. 3 no. 4:37 Ap '61.

TESTING LABORATORIES—EQUIPMENT AND SUPPLIES
Automatic digestion pipette equipped with an electromagnetic regulator. A. A. Grokhovskii, V. A. Lavrentuk. Sakh. prom. 34 no. 5.36-36 My '60.

TESTING MACHINES
Clamps used in tensile testing of plastic specimens. P. G. Artemov. Standartizatsiia 25 no. 5:25-28 My '61
Device for changing diagram recording scales in the IM-12A tensile machine. V IA Fridman, L. G Anashkin Zav. lab 27 no 5 619 '61
Device for recording stress-deformation for attachment to the P-5 universal machine N N Kolgatin and others Z v lab 27 no 5 616-617 '61
Diagrammatic mechanism with a large scale recording for attachment to the universal machines of hydraulic action A. S. Kerimzade, I. R Chistiakova Zav lab 27 no. 5:618 '61
Exchange of experience Zav lab. 27 no 5:620-621 '61
Stand for the inspection of brakes. Avt. transp. 39 no. 4: 61 Ap '61.

TETANUS
Development, course, and outcome of experimental tetanus intoxication under changes functional conditions of the central nervous system [with summary in English]. V. T. Sadovskaia. Biul. eksp biol i med 49 no 3 41-46 Mr '60.
In a race with death. Ed. Arenin. Zvezda no. 3:165-166 Mr '61.
Pathways of entrance of tetanus toxin into the central nervous system and some problems in the pathogenesis of experimental tetanus. Report No 1 Experiments on white rats [with summary in English]. G N Kryzhanovskii and others. Biul eksp biol. i med. 51 no. 3 42-46 Mr '61.

TETEREV VALLEY—ROCKS, CRYSTALLINE AND METAMORPHIC
Degree of reliability of criteria used for the determination of age relationship between Pre-Cambrian crystalline rocks (upper Teterev Valley) M. P. Shcherbak. Geol. zhur. 20 no 1.68-73 '60

TETRACYCLINE
Analyzing the effect of antibiotics of the tetracycline group on the catalase activity of blood and liver from the point of view of their distribution in the organism. G. IA. Kivman, R P. Porfir'eva Dokl AN SSSR 138 no. 4.977-978 Je '61
Comparative evaluation of the determination of enterotyphoid bacterial sensitivity to antibiotics of the tetracycline series by means of serial dilutions and phase contrast microscopy [with summary in English] Z V. Ermol'eva, A. G Khvoles Antibiotiki 5 no 2 73-76 Mr-Ap '60
Comparative study on the concentration of antibiotics of the tetracycline series in the blood serum of children after oral and intramuscular administration [with summary in English]. I. I Gerasimenko, B M Nemirovskaia. Antibiotiki 6 no 2 186-189 F '61
Control of commercial tetracycline preparations [with summary in English] R P. Kruglikova-L'vova, T. N. Voskresenskaia Antibiotiki 5 no. 2 115-117 Mr-Ap '60.
Effect of antibiotics from the tetracycline group on catalase activity in the blood [with summary in English] G IA Kivman, R P. Porfir'eva Antibiotiki 6 no 4 330-333 Ap '61.
Effect of mineral phosphorus on the biosynthesis of tetracycline and on the composition of phosphorus fractions in Act. aureofaciens in relation to mycelial growth and cultivation [with summary in English] I I. Belousova, L. A. Popova. Antibiotiki 6 no 4:302-307 Ap '61.
Experimental studies on the antibiotic properties of tetracycline (with summary in English] A I Spektorova Antibiotiki 6 no. 3:226-228 Mr '61
Formation of organic acids in connection with biosynthesis of tetracycline in various states of fermentation [with summary in English]. I I. Belousova, L. A. Popova. Antibiotiki 6 no. 2.115-119 F '61.
Microbiological method for the separate determination of tetracycline and chlortetracycline in corresponding preparations [with summary in English] E. N. Druzhinina Antibiotiki 6 no 2 167-172 F '61.
Side effects during antibiotic therapy of Botkin's infectious hepatitis [with summary in English] T G Fedulova, E. K Trinus. Antibiotiki 6 no 4 336-339 Ap '61.
Stability of antibiotics of the tetracycline series, their various salts and medicinal forms [with summary in English]. A. E. Tebiakina, E. N. Druzhinina. Antibiotiki 6 no. 2:178-185 F '61
Tetracycline in the treatment of gonorrhea in males. A M. Golosovker Vest. derm. i ven. 35 no 4:52-55 Ap '61
Tetracyclines and the factor of sensitivity in the treatment of dysentery. A. I. Kolobkova. Lech. infekts. bol'. no. 4:23-32 '60.
Therapeutic effect of oxytetracycline, tetracycline, and their combinations with other antibiotics in experimental plague [with summary in English]. L. N. Makarovskaia, I. S. Tinker, E. N. Aleshina Antibiotiki 5 no. 2: 63-67 Mr-Ap '60.
Weakening of the antibacterial activity of tetracycline in suppurative inflammatory exudate [with summary in English]. V. N. Solov'ev, E. M Sokolova. Antibiotiki 5 no. 2:35-41 Mr-Ap '60

sp6276 O-61-20

TETYUKHE REGION—PEAT BOGS
Tetyukhe peat bogs and their importance for Quaternary stratigraphy in the southern Soviet Far East, N.IA. Kats, S.V. Kats, IU.F. Chemekov. Geol.i geofiz. no.4 96-105 '61.

TEXTBOOKS
Give books to the school children. V.Terekhov. Sov. knizh. torg. 13 no.5 21 My '61.

TEXTILE FABRICS
Photochemical degradation of weatherproofed textile fabrics N.V Kalugin Izv.vys.ucheb.zav., tekh.leg prom no 2 75-78 '61
Review of the textbook "Textile materials for the clothing industry" by N.N. Pozhidaev and others T.A. Modestova. Izv.vys.ucheb.zav., tekh.teks.prom. no.2 156-157 '61.
Smirnov, V.I. [Theoretical study of the structure of linenweave fabrics] Teoreticheskie issledovaniia stroeniia tkani polotnianogo perepletenilin. Moskva, Izd-vo nauchno-tekhn.lit-ry RSFSR, 1960. 99 p.
Use of metallic alunite threads. K.A Rat'kova. Tekst.prom 20 no 3 29-31 Mr '60.

TEXTILE FABRICS—RESEARCH
Third scientific and methodological conference of the representatives of high educational institutions on textiles A I Pavlov Izv.vys ucheb zav., tekh leg prom no 1 154-155 '60

TEXTILE FABRICS—TESTING
Methodology for determining some shaping property indices of textile fabrics T A. Modestova, B A Buzov Izv.vys ucheb zav., tekh. leg. prom no.1 124-130 '60
New abrasion tester for textile fabrics and knit goods A I Pavlov, N N Pozhidaev, D F Simonenko. Izv vys ucheb zav., tekh. leg prom no 1 30-37 '60

TEXTILE FACTORIES
(see also subdivision under Moscow Province)
Sal'man, S.I. [Planning and design of flax-spinning factories] Proektirovanie l'nopriadil'nykh fabrik. Pod red. D.I. Libermana Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1960. 315 p.

TEXTILE FACTORIES—EQUIPMENT AND SUPPLIES
Bakakin, S.A. [Insulation of heat-using apparatus in textile finishing factories] Izolitsiia teploispol'zuiushchei apparatury otdelochnykh fabrik tekstil'noi promyshlennosti. Pod red. M.E. Simkina. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1960. 62 p.

TEXTILE FACTORIES—HEATING AND VENTILATION
Electromechanical drive for the valve gates of branched air ducts. A.S. Polarkov. Tekst.prom. 20 no.3:72-73 Mr '60.

TEXTILE FIBERS
"Akhanrabo, the magic stone." V.Tomborg. Nauka i zhizn' 28 no.4:42-43 Ap '61.
Selecting the length of synthetic staple fibers for blending with natural fibers. E.I. Birenbaum. Izv.vys. ucheb.zav.; tekh.teks.prom. no.2:71-74 '61.

TEXTILE FIBERS—TESTING
Thinning curve. V.A. Protasova. Izv.vys.ucheb.zav.; tekh.teks.prom. no.2:75-79 '61.

TEXTILE FIBERS, SYNTHETIC
(see also subdivision under Germany, East; Italy)
Birger, G.E. [Manufacture of synthetic fibers and their uses] Proizvodstvo khimicheskikh volokon i ikh primenenie. Moskva, Vses.in-t nauchn. i tekhn. informatsii, 1959. 45 p.
Design for strength of combination yarns. K.I. Korliskii. Izv.vys.ucheb.zav.; tekh.teks.prom. no.2:24-31 '61.
News of science and equipment abroad. Properties of and prospects for synthetic fibers used in the rubber industry. A.Ebert. Kauch.i rez. 20 no.5:58-63 My '61.

TEXTILE FINISHING
Readers' comment on a book on the finishing of woolens. I.N. Preobrazhenskaia, L.I. Soldatova, E.IA. Tenkova. Tekst.prom. 20 no.3:74-75 Mr '60.
Readers discuss a new book ("New finishing equipment and technology," by A.S. Stepanov. Reviewed by E.I. Titova). Tekst.prom. 20 no.3:90-91 Mr '60.
Treatment of staple fiber suiting with the GKZh-94 preparation. M.M. Dianich. Tekst.prom. 20 no.3:61-62 Mr '60.

TEXTILE INDUSTRY
(see also subdivision under Ivanovo; Moscow Province; Tiraspol'; Uzbekistan)
Transition to a seven-hour workday. Tekst.prom. 20 no.3:11 Mr '60.

TEXTILE INDUSTRY—CONGRESSES
International scientific and technical conference and International Fair-Exhibition in Bulgaria. V.A. Usenko. Izv.vys.ucheb.zav.; tekh.teks.prom. no.2: 158-162 '61.

TEXTILE INDUSTRY—EQUIPMENT AND SUPPLIES
Mechanical fiber catcher. G.N. Subbotin. Tekst.prom. 20 no 3 67-68 Mr '60
Utilization of waste heat in finishing operations. K.I. Gorodov, B.M Cherkinskii Tekst.prom 20 no.3. 62-65 Mr '60.

TEXTILE INDUSTRY—EXHIBITIONS see subdivision under Bulgaria

TEXTILE INDUSTRY—FINANCE see subdivision under Noginsk

TEXTILE INDUSTRY—LABOR PRODUCTIVITY see subdivision under Moscow Province; Vladimir Province

TEXTILE INDUSTRY—TECHNOLOGICAL INNOVATIONS
Conference of inventors and efficiency promoters. P.P. Shvachko. Tekst.prom. 20 no 3 90-92 Mr '60.
Over-all mechanization and automation in the textile industry N.M Golubev Mekh i avtom proizv. 15 no 5:60-61 My '61

TEXTILE MACHINERY
Conditions of the passage of the thicker parts of the thread through the braking disk D.D Efremov Izv vys ucheb.zav., tekh leg prom no 2.90-107 '61
Consultation. Tekst.prom. 20 no.3:76-77 Mr '60
Effect of the methods of its manufacture on the wear of machine parts made from nylon M.M Bolilyi Izv vys ucheb.zav., tekh.leg.prom no 2.137-143 '61
Experience in increasing the speed of the M-150 winding machine V.I. Babanov Tekst.prom. 20 no.3.52-53 Mr '60.
Pressure in the printing pair of textile printing machines. K.D. Budanov. Izv.vys.ucheb.zav.; tekh.teks.prom. no.2:144-155 '61.
Studying the tension of tow rayon in the cutting machine for staple made from synthetic fibers. I.IA.Il'in. Izv.vys.ucheb.zav.; tekh.teks.prom. no.2:128-135 '61.
UA-300-3 automatic weft redrawing machine. I.G. Burova. Tekst.prom. 20 no.3.50-52 Mr '60.

TEXTILE PRINTING
Pressure in the printing pair of textile printing machines. K.D. Budanov. Izv.vys.ucheb.zav., tekh.teks.prom. no.2:144-155 '61.

TEXTILE WORKERS
(see also subdivision under Ivanovo Province, Kiev; Leningrad; Moscow Province; Tashkent; Ul'yanovsk Province)
A difficult disposition. Nikolai Vnuk. Sov.profsoiuzy 17 no.11:20-23 Je '61
Famous daughters of the Soviet people. Tekst.prom. 20 no 3:1-8 Mr '60.
First motion picture of textile workers. M. Tenkonogov. Uzbekistan 18 no.12:19 D '59.
Heroic deeds of Soviet women textile workers. Tekst.prom. 20 no.3 7 Mr '60.
Liusia Chukova, Communist Youth League representative. F. Rodionov. Smena 38 no.6:18-19 Ap '61.
People at the giant textile factory. E.Grinin. Sov.voin 41 no.4:8 F '60.

TEXTUAL CRITICISM see Criticism, Textual

TEYA VALLEY—IRON ORES
Petrology of contact iron-ore deposits of the Teya group. V.G. Korel'. Izv.Sib.otd.AN SSSR Geol.i geofiz. no.1: 30-42 '60.

TEZIAKOV, NIKOLAI IVANOVICH, 1859-1925
"N.I. Teziakov and his role in the development of zemstvo medicine and the Soviet public health system" by Kh.I. Idel'chik. Reviewed by P.E. Zabludovskii Sov.zdrav 20 no.4 73-74 '61.

THAELMANN, ERNST, 1886-1944
His life was a struggle. G. Ebner. Smena 38 no.7:11 Ap '61.
Reminiscences about Ernst Thaelman. Nov.i noveish. ist. no 3:124-123 '61

THAI LANGUAGE see Siamese language

THALLIUM
Causes of sludge formation in the preparation of thallium by the amalgam method. V.P. Gladyshev, V.M. Ilinshchenko, M.T. Kozlovskii. Izv.AN Kazakh.SSR.Ser. khim. no.2:67-74 '60.
Characteristics of the behavior of thallium in deposits of different age. V.V. Ivanov. Trudy Inst.min., geokhim. i kristallokhim.red.elem. no.3.44-50 '59.
Some geochemical characteristics of thallium and types of deposits favorable for its concentration. V.V. Ivanov, V.IU. Volgin. Trudy Inst.min., geokhim.i kristallokhim.red.elem. no.3:51-60 '59.
Temperature dependence of the surface tension of thallium. O.A. Timofeevicheva, V.B. Lazarev. Dokl.AN SSSR 138 no.2:412-414 My '61.

THALLIUM—ANALYSIS
Concentration of thallium by coprecipitation with poorly soluble iodides [with summary in English]. IU V Morachevskii, G.V. Efremov, Shui Chzhi-gu [Hsu Chih-ku] Vest LGU 16 no.10,137-141 '61
Polarographic determination of small amounts of thallium in cadmium E.K. Prokof'ev Zav.lab 27 no 5: 530-532 '61
Radioactive determination of impurities in high purity thallium [with summary in English]. I.P Alimarin and others. Zhur.anal.khim. 16 no.2:213-216 Mr-Ap '61.

THAUMASITE see subdivision under Yakutia

THAWING
(see also subdivision under Altai Territory, Kazakhstan)
Blackening the surface of ice: a method of speeding the spring ice thaw A.M Estifeev, A.I Pekhovich, S.M Alekinkov Izv VNIIG 65:139-147 '60
Computation of the thawing process in frozen wood. K.R. Kinter Der.prom. 10 no.3:14-15 Mr '61.
Designing foundations anchored in thawed soils taking into account the action of heaving forces IU I Solov'ev, V.I Puskov Osn., fund. i mekh grun 3 no 2:15-17 '61.

THEATER
(see also subdivision under Bryansk, Germany, West; Greece, Kalinin, Kiev, Kuybyshev, Lvov, Minsk, Moscow, Nizhnangan; Novosibirsk, Perm, Petrozavodsk, Stalinsk; Tallinn, Ukraine, Uzbekistan, White Russia)
A book written by a critic ("Poetry of the theater" by G. Boiadzhiev. Reviewed by A. Matskin). Teatr 22 no.5: 128-129 My '61.
The creation of the people's theater in Russia at the end of the 1860's and beginning of the 1870's [with summary in English]. R.F Mikhailova Vest.LGU 16 no.8: 67-78 '61
From foreign impressions. P. Markov. Teatr 22 no.5: 167-177 My '61.
A great and necessary work ("Outline history of the Soviet Russian dramatic theater", Vol 2. Reviewed by A. Al'tshuller, G. Kapralov). Teatr 22 no.5:122-127 My '61.
In the theaters of the world. Teatr 22 no.5:186, 188, 190 My '61.
News from Ashkhabad and other cities. Teatr 22 no.5:150, 162 My '61.
Playwrights and theaters prepare for the Twenty-Second Congress Teatr 22 no.5:116 My '61.
Why we went, M. Zharov, A. Gribov, R. Pliatt. Teatr 22 no.5:148-149 My '61.

THEATERS—STAGE SETTING AND SCENERY
(see also subdivision under Moscow)
The truth of an art. M. Pozharskaia. Teatr 22 no.5:152-153 My '61.

THEFT see Larceny

THEODOLITES
Research on the effect of nonparallelism of the axes of the limb and the alidade on accuracy in measuring horizontal angles in steeply dipping workings. A.V. Khlebnikov. [Trudy] VNIMI no.33:87-101 '58.

THEOLOGICAL SEMINARIES
Regulations for admittance to theological schools in the 1961-1962 academic year. Zhur.Mosk Patr no.5: 37-38 My '61.

THEOPOMPUS OF CHIOS
Political ideas of Theopompus. V.G Borukhovich Uch.zap.GGU no 46 189-197 '59

THERAPEUTICS—CONGRESSES
First All-Russian Congress of Therapeutists. A.S. Molchanov. Terap.arkh 31 no.4 79-84 Ap '59
First All-Russian Congress of Therapeutists. I.K. Shkhvatsabaia. Vest.AMN SSSR 14 no.4.83-91 '59.
Twelfth All-Union Conference of Therapeutists. G Khodzhakuliev, G. Kazimov. Zdrav.Turk. 5 no 2: 46-47 Mr-Ap '61.
Vsesoiuznyi s"ezd terapevtov.1st, Moscow, 1958. [Transactions of the First All-Russian Congress of Therapeutists] Trudy. Pod obshchei red. A.L. Miasnikova. Moskva, Gos.izd-vo med.lit-ry, 1960. 453 p.
(DNLM)

THERAPEUTICS, PHYSIOLOGICAL—CONGRESSES
All-Russian Conference on Problems of Health Resort Therapy for Diseases of the Female Generative Organs. M.Z. Khaikin. Vop.kur., fizioter. i fiz.kul't. 26 no.1 87-90 '61.

THERMAL STRESSES
Contact temperature in friction areas of machinery. A.I. Pestov. Vest.mash. 41 no.5:3-10 My '61.
Equations of nonstationary temperature fields in thin shells in the presence of heat sources. V.V. Bolotin. Prikl.mat.i mekh 24 no.2:361-363 Mr-Ap '60.
Stresses and dislocations in a thin-walled cylinder caused by an axisymmetric thermal action. M.M. Kazarian. Sbor.nauch.trud.ERPI no.20:205-213 '59.

THERMIONIC EMISSION

Structure of the active coating of grids of vacuum tubes with oxide-coated cathodes. M. D. Malev. Nauch. dokl. vys. shkoly, radiotekh. i elektron. no. 2, 346-349. '59.

Thermionic emission from the grid of vacuum tubes with oxide-coated cathodes. M. D. Malev. Nauch. dokl. vys. shkoly, radiotekh. i elektron. no. 2, 346-349. '59.

Thermoelectronic properties of titanium, zirconium, hafnium, and thorium oxides. B. V. Bondarenko. Nauch. dokl. vys. shkoly, radiotekh. i elektron. no. 2, 339-345. '59.

THERMISTORS

A graphic analytical method for constructing volt-ampere performance curves for thermistors [with summary in English]. I. N. Rutskii. Inzh.-fiz. zhur. 4, no. 5, 115-117. My '61.

Increasing the thermal and corrosion stability of TOS thermistors. V. P. Krotenko, G. V. Zhila, A. I. Poliakhchko. Izv. vys. ucheb. zav., tekh. leg. prom. no. 2, 144-146. '61.

Transient processes in elementary networks containing thermistors with different laws for changing the temperature of the medium. E. B. Elagin. Izv. vys. ucheb. zav., energ. 4, no. 1, 37-44. Ap '61.

THERMIT

Thermite welding of pipes. Zhil.-kom. khoz. 11, no. 2, 33. F '61.

THERMOCHEMISTRY

Thermochemistry of zinc ethylenediamine complexes in aqueous solutions. P. M. Milliukov. Izv. vys. ucheb. zav., khim. i khim. tekh. 4, no. 2, 212-217. '61.

THERMOCOUPLES

Equipment for the determination of the softening temperature of blast furnace materials. Z. I. Nekrasov, N. A. Gladkov, D. P. Eremenko. Trudy Inst. chern. met. AN URSR. 12, 163-168. '60.

Measuring the temperature of pistons in high-speed internal combustion engines. R. V. Kazachkov. Izm. tekh. no. 5, 25-27. My '60.

Stationary thermocouple to control bell furnace annealing of rolled metal in coils. F. S. Astaf'ev, A. A. Lisogor. Stal' 21, no. 5, 461-464. My '61.

Thermoelectric characteristics of high-temperature thermocouples with refractory electrodes. P. S. Kislyi and others. Izm. tekh. no. 5, 21-23. My '61.

Using aluminum in graduating thermocouples of the first degree. F. S. Shpigel'man. Izm. tekh. no. 5, 28-29. My '60.

Using refractory tips in controlling the temperature of the lining of steel smelting arc furnaces with thermocouples. Iu. E. Efroimovich. Ogneupory 26, no. 4, 181-184. '61.

THERMODYNAMICS

Boundary value problem for the equation $\Delta U = U^2$. S. I. Pokhozhaev. Dokl. AN SSSR 136, no. 2, 305-306. My '61.

Calculation of the thermodynamic functions of a high-temperature air-carbon mixture [with summary in English]. V. L. Sergeev. Inzh.-fiz. zhur. 4, no. 4, 16-21. Ap '61.

Heat exchange in a laminar boundary layer of fluid flow around a thin plate with internal heat sources [with summary in English]. T. L. Perel'man. Inzh.-fiz. zhur. 4, no. 5, 54-61. My '61.

Investigating the kinetics of the drying of gypsum-cement slabs having internal heat sources [with summary in English]. N. B. Mar'iamov. Inzh.-fiz. zhur. 4, no. 5, 100-103. My '61.

Mechanism of thermal diffusion in fluids. V. B. Fika. Fiz. tver. tela 3, no. 3, 994-997. Mr '61.

Regular heat conditions in a cylinder [with summary in English]. K. K. Volkova. Inzh.-fiz. zhur. 4, no. 5, 21-26. My '61.

Results of discussing certain thermodynamic conclusions made by D. S. Korzhinskii. A. V. Storonkin. Geokhimiia, no. 3, 262-283. '60.

Stefan problem. S. L. Kamenomostskaia. Mat. sbor. 53, no. 4, 489-514. Ap '61.

Temperature distribution around a rotating thermally insulated disc [with summary in English]. L. A. Dorfman. Inzh.-fiz. zhur. 4, no. 5, 38-43. My '61.

Temperature stresses and optimum heating conditions [with summary in English]. A. A. Shevelev. Inzh.-fiz. zhur. 4, no. 4, 75-79. Ap '61.

Thermodynamic characteristics of certain unsaturated polyethers. I. M. Al'shits, I. E. Flis. Zhur. prikl. khim. 34, no. 3, 644-652. Mr '61.

THERMODYNAMICS—PERIODICALS

"International journal of heat and mass transfer." S. S. Zabrodskii. Inzh.-fiz. zhur. 4, no. 5, 140. My '61.

THERMOELECTRIC APPARATUS AND APPLIANCES

Demonstration of thermoelectric cooling. A. M. Zaitsev. Fiz. v shkole 20, no. 2, 76. Mr-Ap '60.

THERMOELECTRICITY

Changes of electric resistance and thermoelectromotive force in the process of $\alpha \rightleftarrows \gamma$ iron alloy transformation. M. E. Blanter, A. K. Mashkov. Fiz. met. i metalloved. 11, no. 2, 194-202. F '61.

From heat to current, a direct route. K. Gladkov. Tekh. mol. 29, no. 4, 22-23. Ap '61.

THERMOMAGNETISM

Nernst-Ettingshausen effect in n-InSb. D. Kh. Amirkhanova, R. I. Bashirov. Fiz. tver. tela 3, no. 3, 819-821. Mr '61.

THERMOMETERS

Electrical thermometer for measuring skin temperature [with summary in English]. V. V. Tret'iakov, P. A. Ondzul. Biul. eksp. biol. i med. 51, no. 2, 115-116. F '61.

Electroacoustic gas thermometer for low-temperature ranges. A. D. Brodskii. Izm. tekh. no. 6, 22-24. Je '61.

Pneumatic thermometer. I. P. Golitsov. Priborostroenie no. 5, 13-14. My '60.

Resistance thermometer made of a spark plug. Iu. N. Gogin. Izm. tekh. no. 5, 32. My '60.

Thermoelectric measurement in hygienic experiments. P. V. Ramzaev. Gig. i san. 25, no. 7, 64-67. Jl '60.

THERMOMETRY

(see also subdivision under United States)

Characteristics of dynamic errors in measuring fluctuating temperatures of a pulsating gas flow. A. N. Gordov, B. I. Kovshev. Izm. tekh. no. 5, 17-20. My '61.

New method for absolute measurements of temperatures. A. D. Brodskii, A. V. Savateev. Izm. tekh. no. 5, 21-25. My '60.

Remote control temperature measurement in coal piles. V. V. Abramov. Ugol' 36, no. 3, 60. Mr '61.

THETA FUNCTIONS see Functions, Theta

THIAMINE

(see also subdivision under Tashkent)

Desensitization in eczematosis [with summary in English]. M. V. Dalin. Biul. eksp. biol. i med. 51, no. 1, 70-73. Ja '61.

Effect of vitamin B_1 on the course of experimental tuberculosis. V. K. Zhgenti, N. I. Kalandadze, T. S. V. Gachechiladze. Soob. AN Gruz. SSR 21, no. 1, 89-94. Ja '60.

Metabolism of phosphorus esters of S^{35}-thiamine in the animal organism [with summary in English]. A. IA. Rozanov. Biokhimiia 25, no. 6, 991-1000. N-D '60.

New paths in the development of anesthesiology (use of hormonal and vitamin preparations). A. I. Briskin. Akt. vop. obezbol. no. 2, 5-20. '59.

Production of a mixture of phosphorus esters of thiamine-S^{35} [with summary in English]. A. IA. Rozanov. Biokhimiia 25, no. 2, 233-241. Mr-Ap '60.

Relationship between vitamin B_1 metabolism and cholinesterase activity in dysentery in children. V. P. Zhigalov. Pediatriia, no. 5, 58-61. '61.

Use of a thiochromatic method for the determination of thiamine-S^{35} in urine [with summary in English]. A. IA. Rozanov. Vop. med. khim. 6, no. 2, 206-214. Mr-Ap '60.

Vitamin "B_1" content of mutton preserved by sublimation. E. S. Tkachenko. Izv. vys. ucheb. zav.; pishch. tekh. no. 2, 86-87. '61.

Vitamin B_1 metabolism and pyruvic acid in patients with various forms of tuberculosis. V. V. Motorina. Sbor. trud. Uz. nauch.-issl. tub. inst. 3, 157-161. '57.

Vitamin B_1 metabolism in tuberculous patients [with summary in English]. L. B. Shefer. Vop. med. khim. 6, no. 2, 131-135. Mr-Ap '60.

THIAZOLEACETIC ACID

2-(β- and γ-pyridyl)-Δ^2-thiazolines. Part 5. Synthesis of esters of 2-thiazolyl-Δ^2-phenyl- and pyridylacetic acids. A. Bannashek, M. N. Shchukina. Zhur. ob. [illegible] 31, no. 5, 1488-1492. My '61.

THIAZOLES RHODANINE

Desensitizing effects of rhodanine [summary in English]. V. I. Zapadniuk. Farm. i toksikol. 24, no. 1, 33-36. Ja-

THIAZOLIDINONE

Synthesis of thiazolidinone derivatives. Part 14. Thiazolidinone derivatives condensed imidazole ring, and their [illegible]. Turkevich, O. F. Lymar. Zhur. [illegible] 1635-1640. My '61.

2-(β- and γ-pyridyl)-Δ^2-thiazoline[illegible] of 2-pyridylthiazolidones, their [illegible] their 2-methyl substituted. A. B[illegible] kina. Zhur. ob. khim. 31, no. 5, 1[illegible]

THIAZOLINE

2-(β- and γ-pyridyl)-Δ^2-thiazoline[illegible] of 2-(α-alkyl-γ-pyridyl)-Δ^2-thiaz[illegible] boxylic acids and (β- and γ-pyrid[illegible] methanes. A. Bannashek, M. N. Sh[illegible] khim. 31, no. 5, 1479-1483. My '6[illegible]

THIAZOLINECARBOXYLIC ACID

2-(β- and γ-pyridyl)-Δ^2-thiazoline[illegible] of 2-(α-alkyl-γ-pyridyl)-Δ^2-thiaz[illegible] boxylic acids and (β- and γ-pyrid[illegible] methanes. A. Bannashek, M. N. S[illegible] khim. 31, no. 5, 1479-1483. My '6[illegible]

THICKNESS MEASUREMENT

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 132-58 for checking dial-type thickness gauges] Instruktsiia 132-58 po poverke indikatornykh tolshchinomerov. Izd. ofitsial'noe. Moskva, 1958. 11 p.

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 197-57 for checking MT-2 and MT-DAZ magnetic thickness-measuring instruments] Instruktsiia 197-57 po poverke magnitnykh tolshchemerov MT-2 i MT-DAZ. Izd. ofitsial'noe. Moskva, 1958. 14 p.

THIOLS

Effect of thiols on the formation of insoluble precipitates in fuels at high temperatures. P. I. Davydov, G. F. Bol'shakov. Khim. i tekh. topl. i masel 6, no. 5, 48-53. My '61.

THIONAPHTHENE

Binary systems of two-ring molecules including thionaphthene. V. M. Kravchenko, I. S. Pastukhova. Dokl. AN SSSR 136, no. 1, 104-107. Ja '61.

THIOPENTAL

Development of unequal sensitivity in the cervical and lumbar divisions of the spinal cord to narcotic action in postnatal ontogenesis. O. B. Il'inskii. Fiziol. zhur. 47, no. 5, 591-597. My '61.

THIRTY YEARS' WAR, 1618-1648—POETRY

The past gives a warning, verse of German poets at the time of the Thirty Years' War, 1618-1648. Lev. Ginzburg. Inostr. lit. no. 4, 186-188. Ap '61.

THISTLE

Effect of certain herbicides of the thistle Leuzea carthamoides and the Siberian rhubarb. V. I. Bukin. Biul. Glav. bot. sada, no. 38, 85-86. '60.

THOREZ, MAURICE, 1900-1960

True son of the French people. Komm. Bel. 34, no. 4, 78. Ap '60.

THORIUM

Analytical chemistry of thorium. Part 3. Photometric determination of thorium with arsenazo III in natural materials. V. F. Luk'ianov, I. V. Nikol'skaia, E. S. Kozlova. Radiokhimiia 3, no. 2, 239-240. '61.

Thorium distribution in a series of ultrabasic alkaline rocks of the Kola Peninsula [with summary in English]. A. I. Polikov, M. P. Volynets. Geokhimiia, no. 5, 426-432. '61.

THORIUM—ANALYSIS

Determination of impurities in thorium and its compounds by the combined chemical and spectral method [with summary in English]. A. G. Karabash and others. Zhur. anal. khim. 16, no. 2, 217-222. Mr-Ap '61.

Gamma-spectrometric determination of small concentrations of uranium, thorium, and calcium in rocks. N. P. Kartashov. Atom. energ. 10, no. 5, 531-533. My '61.

Qualitative detection reaction for thorium and cerium ions. T. A. Soboleva. Izv. vys. ucheb. zav., khim. i khim. tekh. 4, no. 2, 183-185. '61.

THORIUM—ISOTOPES

(see also subdivision under Azov, Sea of)

Th^{232} fission induced by 14.9 Mev. neutrons [with summary in English]. A. N. Protopopov, M. I. Kuznetsov, E. G. Dermendzhiev. Zhur. eksp. i teor. fiz. 38, no. 2, 364-366. F '60.

THORIUM—TOXICOLOGY

THROMBIN (Continued)
Simplified modification of the method for obtaining thrombin from the plasma of donor blood [with summary in English, p. 62]. M. Z. Rudnitskaia. Probl. gemat. i perel. krovi 5 no. 2:42-44 F '60.

THROMBOPLASTIN
Thromboklnase activity of the tissues in various endocrine disorders and tumor growths [with summary in English]. M. A. Ukolova, G. A. Leont'eva. Biul. eksp. biol. i med. 49 no. 3:26-30 Mr '60.

THROMBOSIS
Raevskaia, G. A. [Thromboembolic complications in patients with myocardial infarct] Tromboembolicheskie oslozhneniia u bol'nykh infarktom miokarda. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 131 p. (DNLM)
Thrombosis of the superior vena cava. L. R. Guglin, V. V. Nedogoda. Klin. med. 39 no. 5:140-141 My '61.

THUNDERSTORMS see subdivision under Mordovia, Pacific Ocean

THYMUS GLAND
Effect of certain lipid fractions of the thymus and spleen on metabolic processes [with summary in French]. I. Potop and others. Biokhimiia 25 no. 6:987-990 N-D '60.

THYMUS GLAND—INNERVATION
Innervation of the thymus [with summary in English]. V. M. Godinov. Arkh. anat. gist. i embr. 40 no. 4:28-34 Ap '61.

THYMUS GLAND—SURGERY
Effect of excision of the thymus gland on various indicators of nitrogen and fat-carbohydrate metabolism in rats. S. G. Gasanov, T. S. Akusheva. Probl. endok. i gorm. 7 no. 2:29-30 Mr-Ap '61.

THYROID GLAND
Modern concepts on the functional morphology of the hypophysis, adrenal, and thyroid glands. E. I. Tarakanov. Arkh. anat. gist. i embr. 39 no. 11:102-115 N '60.
Preparation of patients for therapy with radioactive iodine in combination with thyrostatic preparations. V. R. Kliachko. Probl. endok. i gorm. 7 no. 2:64-68 Mr-Ap '61.
Studies of the functional condition of the thyroid gland in athletes. I. S. Khorol. Teor. i prak. fiz. kul't. 24 no. 3:229-231 '61.
Thyroid function in tuberculosis. A. A. Kalandadzhaev. Shor. trud. Uz. nauch.-issl. tub. inst. 3:149-157 '57.

THYROID GLAND—BLOOD SUPPLY
Effect of removal of the superior cervical sympathetic ganglion on the thyroid gland artery [with summary in English]. N. B. Likhacheva. Arkh. anat. gist. i embr. 39 no. 7:63-68 Jl '60.

THYROID GLAND—DISEASES
Adrenal cortex function in thyrotoxicosis. Preliminary report. Sh. Sh. Shamakhmudov. Med. zhur. Uzb. no. 4:47-50 Ap '61.
Change in the connective tissue of the skin of embryos in hyperthyroidism in parturients [with summary in English]. V. P. Leitan. Arkh. anat. gist. i embr. 40 no. 2:21-27 F '61.
Hashimoto's lymphoid goiter. A. V. Aglishev. Khirurgiia 37 no. 5:127-128 My '61.
Treatment of thyrotoxicosis with radioactive iodine in relation to late results. Z. M. Mamedov, M. M. Alikishibekov. Azerb. med. zhur. no. 4:81-87 Ap '60.

THYROID GLAND—INNERVATION
Significance of the efferent nerves of the thyroid gland for its function [with summary in English]. M. G. Amiragova. Biul. eksp. biol. i med. 50 no. 10:3-7 O '60.

THYROID GLAND—SURGERY
Mental disorders in thyroidectomized patients [with summary in French]. E. Tomorug, C. Tanasescu. Zhur. nevr. i psikh. 60 no. 3:327-333 '60.
Use of neuroplegic substances in operations on the thyroid gland. L. N. Kamardin. Probl. endok. i gorm. 7 no. 2:68-71 Mr-Ap '61.

THYROID GLAND—TUMORS
Case report on a tumor of the thyroid gland. N. F. Mitriakov. Khirurgiia 37 no. 5:125 My '61.
Diagnosis of bony metastases of adenoma of the thyroid gland by the cytological method. I. S. Macheva, I. L. Teodor. Khirurgiia 37 no. 5:93-95 My '61.

TICKS
(see also subdivision under Asia, Central; Georgia; Volyn' Province)
Morphological characteristics of sexually immature stages in ticks of the genus Dermacentor in the European part of the U. S. S. R. Report No. 1: Larvae [with summary in English]. TSzian TSai-tsze [Chiang TSai-chieh]. Vest. LGU 16 no. 9:84-89 '61.

TIDAL WAVES
Methods of determining the dimensions of tsunamis. I. N. Ikonnikova. Meteor. i gidrol. no. 6:42-44 Je '61.

TIDES—MAPS see subdivision under Pacific Ocean

TIEN SHAN—BOTANY
Altitudinal distribution of monopodial plants in western Tien Shan. V. N. Golubev. Biul. Glav. bot. sada no. 39:61-66 '60.

TIEN SHAN—GEOLOGY, STRATIGRAPHIC
New data on the Pre-Cambrian stratigraphy of the Quruq Tagh. A. S. Maksum. Trudy MGRI 38:55-62 '60.

TIFLIS—DEPARTMENT STORES
The number of progressive workers is growing. P. Gongadze. Sov. torg. 34 no. 5:15 My '61.

TIFLIS—FIRES AND FIRE PREVENTION
Thematic assembly in Tiflis. I. Varlamov. Pozh. delo 7 no. 5:30 My '61.

TIFLIS—HERBARIA
Authenticated examples of Caucasian flora [in Georgian with summary in Russian]. V. I. Papava. Vest. Gos. muz. Gruz. SSR 21:121-150 '59.
Authenticated samples of Caucasian flora of the families Leguminosae and Rosaceae, found in the collections of the Georgian State Museum [in Georgian with summary in Russian]. V. I. Papava. Vest. Gos. muz. Gruz. SSR 21:151-170 '59.

TIFLIS—JOURNALISM
Every evening at six. P. Asatiani. Sov. pech. no. 4:31-33 Ap '61.

TIFLIS—RESTAURANTS, LUNCHROOMS, ETC.
Promises translated into deeds. A. Dzagnidze. Obshchestv. pit. no. 5:13-14 My '61.

TIGERS see subdivision under Georgia

TILES
Enamelled glass facing tiles. G. A. Storozhenko. Stek. i ker. 18 no. 3:37 Mr '61.
Mechanized feeding of tile into a glazing apparatus. A. E. Rabinovich. Stek. i ker. 18 no. 5:35 My '61.
New standard for polystyrene facing tiles. Zhil. stroi. no. 4:7 Ap '61.

TILLAGE
Soil and plow. V. Zhelgovskii, L. Sobolev, G. Chikaliki. Znan. sila 36 no. 2:2-5 F '61.

TILLAGE—BIBLIOGRAPHY see Bibliography—Tillage

TIMAN RIDGE—FORAMINIFERA, FOSSIL
Fusulinid and facies correlation in the middle Carboniferous section of the southern Timan. Vop. mikropaleont. no. 4:71-82 '60.

TIMASHEVO—PRESTRESSED CONCRETE CONSTRUCTION
Trusses with a span of 36 m made of linear elements. Stroitel' no. 4:10-11 Ap '61.

TIME
The nature of time. IU. A. Urmantsev, IU. P. Trusov. Vop. filos. 15 no. 5:58-70 '61.

TIME MEASUREMENTS
Delta quantization of readings of recording instruments in time measurements. A. G. Fleor. Izm. tekh. no. 5:10-12 My '61.
Standard equipment for the reproduction and measurement of minor time intervals. D. P. Markovskii. Izm. tekh. no. 6:14-16 Je '61.

TIME PERCEPTION
Experimental investigation of some motor reactions in connection with the perception of time [with summary in English]. M. F. Ponomarev. Vop. psikhol. 6 no. 3:79-88 My-Je '60.

TIME STUDY
Studying the working time with the aid of machine accounting and control over the use of equipment. I. Pogromskii. Biul. nauch. inform. trud i zar. plata 4 no. 5:39-43 '61.

TIN—ANALYSIS
Coulometric titration of iron, antimony, and tin by means of electrolytically generated permanganate ions. A. I. Kostromin, S. A. Flegontov. Zav. lab. 27 no. 5:528-530 '61.

TIN—SPECTRA
Determination of the absolute values of oscillator forces from the spectral line widths. V. K. Prokof'ev, I. M. Nagibina, G. P. Petrova. Opt. i spektr. 8 no. 3:376-381 Mr '60.

TIN CANS
Tin with a plastic coating. A. IU. Lokshin. Kons. i ov. prom. 16 no. 5:37-38 My '61.
Urgent objectives of the tin can manufacture. M. IA. Dikis, G. Kh. Moldavskii. Kons. i ov. prom. 16 no. 5:19-22 My '61.

TIN CHLORIDE
Diphenylethylene complexes with tin tetrachloride and organotin chlorides. I. P. Gol'dshtein and others. Dokl. AN SSSR 138 no. 4:839-842 Je '61.

TIN COMPOUNDS
Compounds of tin chloride and tin bromide with aniline. M. Usanovich, L. Pichugina. Zhur. ob. khim. 31 no. 5:1648-1649 My '61.
Thermochemistry of the interaction between hexaethyldistannane and benzoyl peroxide. I. P. Rabinovich and others. Dokl. AN SSSR 138 no. 4:852-855 Je '61.

TIN ORGANIC COMPOUNDS
Diphenylethylene complexes with tin tetrachloride and organotin chlorides. I. P. Gol'dshtein and others. Dokl. AN SSSR 138 no. 4:839-842 Je '61.
Polymerization under pressure of α-methylstyrene substituted at the nucleus. Part 7. α-Methylstyrene containing Sn, Pb, and Ge [with summary in English]. A. M. Poliakova, V. V. Korshak, D. S. Tambovtseva. Vysokom. soed. 3 no. 5:662-664 My '61.
Thermal decomposition of tetraethyllead, hexaethylplumbane, and their analogs. Part 5. Reactions of decomposition and disproportionation of hexaethyldistannane. G. A. Razuvaev and others. Zhur. ob. khim. 31 no. 5:1712-1717 My '61.

TIN ORGANIC COMPOUNDS—DIPOLE MOMENTS
Dipole moments of organotin chlorides and their complex-forming ability. I. P. Gol'dshtein and others. Dokl. AN SSSR 136 no. 5:1079-1081 F '61.

TIN-TITANIUM-ZIRCONIUM ALLOYS see Titanium-tin-zirconium alloys

TIRASPOL'—TEXTILE INDUSTRY
A factory of communist labor. I. Karev. Komm. Mold. 6 no. 5:39-41 My '61.

TIRASPOL' DISTRICT—SOCIALIST COMPETITION
Movement of the communist labor shock workers. A. Gudym. Vop. ekon. no. 5:153-154 My '61.

TIRE FABRICS
Comparative technical and economic estimation of prospective fibers for tire cord. I. L. Krichevskii, I. I. IAshunskaia. Kauch. i rez. 20 no. 5:39-44 My '61.
Effect of the twist on the physicomechanical properties of viscose tire cord yarn. V. A. Usenko, D. I. Kalandarov. Izv. vys. ucheb. zav.; tekh. teks. prom. no. 2:10-16 '61.

TIRE FABRICS—CONGRESSES
Creative debate of the problems involved in the improvement of synthetic fibers used in the rubber industry. F. I. IAshunskaia, V. A. Berestnev, I. P. Nagdaseva. Kauch. i rez. 20 no. 5:54-55 My '61.

TIRES, RUBBER
(see also subdivision under Dnepropetrovsk, Omsk)
Calculation of labor productivity in the tire industry. S. P. Potamoshnev, G. G. Ivanov. Kauch. i rez. 20 no. 4:49-53 Ap '61.
Causes of the appearance and ways for eliminating the "air bubble under the end" defect of tire casings. L. G. Khrapunov. Kauch. i rez. 20 no. 6:46-48 My '61.
Designing equipment for manufacturing 1000x1000x250 roller-type pneumatic tires. N. F. Bocharov and others. Izv. vys. ucheb. zav.; mashinostr. no. 3:83-87 '61.
Effect of the duration of steam heating in curing chambers on the "uneven bead wire rings" in tire castings. M. R. Zaretskii, T. V. Borodkina. Kauch. i rez. 20 no. 5:49-50 My '61.
New makes of "radial" tires in the Western European (from "Rev. Gén. du Caoutchouc," no. 11, 1960). Kauch. i rez. 20 no. 5:64 My '61.
New tire designs and their re-treading (from "Die Gummibereifung," no. 10, 1960). Kauch. i rez. 20 no. 4:53 Ap '61.
Rise of the production output and technological level of the Soviet re-treading industry. P. F. Badenkov, E. G. Vostroknutov, V. F. Evstratov. Kauch. i rez. 20 no. 4:4-7 Ap '61.
Selecting a method of manufacturing vulcanization molds for tire casings. P. I. Zakharchenko, IA. IA. Zil'vestr. Kauch. i rez. 20 no. 4:25-27 Ap '61.

TIRES, RUBBER—MAINTENANCE AND REPAIR
Stand for tapering boot edges. F. Miller. Avt. transp. 39 no. 5:52 My '61.

TIRES, STEEL—MAINTENANCE AND REPAIR
New method for machining tires of wheel pairs. V. L. Veits, M. P. Ostrovskii. Stan. i instr. 31 no. 5:10-15 My '60.

TISSUE CULTURE

Certain characteristics of mitochondria of tissue culture cells [with summary in English]. R.N. Etingof, I.I. Gumina, A.A. Kichchevskaia. Biokhimiia 26 no.2 354-360 Mr-Ap '61.

Comparative cytochemical study on the activity of succinic dehydrogenase and alkaline phosphatase in the cells of primary explanted and transplanted tissue cultures. [with summary in English] V.G. Zaslavskii. Biul. eksp. biol i med. 51 no.2 107-110 F '61.

Culture of isolated roots of leguminous plants [with summary in English] A.I. Avilov. Vest. LGU 16 no.9:135-136 '61.

Cytochemical study of the activity of succinic dehydrogenase in explanted cells [with summary in English]. V.G. Zaslavskii, A.M. Amchenkova. Biul. eksp. biol. i med. 51 no.1:91-94 Ja '61.

Effect of nucleic acids, adenine, and 6, 1-D on the growth of gladiolus tissue cultures [with summary in English] N.A. Satarova. Fiziol. rast. 8 no.3:309-317 '61.

Glucose transfer into the cells of tissue cultures [with summary in English] V.I. Agol. Biokhimiia 25 no.6:1092-1098 N-D '60.

Morphology of fibroblasts in the culture of human embryonic tissue, investigation by the use of an objective with Stepanov's central disk [with summary in English]. A.N. Mosolov. Zhur. ob. biol. 22 no.2:153-155 Mr-Ap '61.

Production of a purified enzyme preparation from Russian pancreatin and its use for the "trypsinization" of tissue [with summary in English]. I.V. Voronitsov, O.S. Gudima, N.A. Kolesnikova. Biul. eksp. biol. i med. 49 no.3:120-121 Mr '60.

Serological detection of the virus of mammary cancer in mice during its cultivation on chick embryos [with summary in English] F.I. Lelkina, Z.I. Mezheknova. Pat. fiziol. i eksp. terap. 5 no.2:13-18 Mr-Ap '61.

TISSUE EXTRACTS

Effect of pyrogenal and myocardial hydrolysate on the regeneration of the heart muscle. L.V. Polezhaev and others. Dokl. AN SSSR 138 no.3:714-717 My '61.

Effect of tissue extracts on the immunobiological reactivity of animals. Z.I. Doroha. Visnyk sil'hosp. nauky 4 no.1:87-92 Ap '61.

Growth and differentiation variations in the early embryogenesis of a rabbit caused by biological preparations [with summary in English] G.M. Shakhnazarov. Zhur. ob. biol. 22 no.3:210-219 My-Je '61.

Restoring X-ray-inhibited regeneration capacity of axolotl extremities by the use of proteins, nucleic acids, and lyophylized tissues. L.V. Polezhaev, N.A. Tephts, N.I. Dimakova. Dokl. AN SSSR 136 no.2 477-480 My '61.

Significance of ascorbic acid in the formation of desoxypentose compounds due to the effect of animal tissue extracts [with summary in English] B.I. Gol'dshtein, V.V. Gerasimova. Biokhimiia 25 no.2 340-343 Mr-Ap '60.

TISSUES

A.A. Zavarzin's concept of tissue evolution and some methods in its further development. S.I. Shchelkunov. Arkh. anat. gist. i embry. 39 no.7:3-12 Jl '60.

TITANIUM

Developing and mastering the sheet and strip rolling procedure for titanium and its alloys. V.F. Kulagin, B.N. Popov, A.A. Dmitriev. Titan i ego splavy no.1:152-161 '58.

Hot rolling of commercial titanium and some of its alloys. K.I. Sokolikov, V.N. Moiseev. Titan i ego splavy no.1: 162-178 '58.

Production of titanium by the iodide method. M.B. Reifman and others. TSvet. met. 31 no.5:49-55 My '61.

Role of metalworking lubricants in cutting titanium. V.F. Bobrov. Vest. mash. 41 no.5:62-63 My '61.

Titanium diffusion coatings on iron. N.S. Gorbunov. Titan i ego splavy no.1:87-90 '58.

TITANIUM—COLD WORKING

Investigating industrial lubricants for the cold rolling of titanium. I.M. Pavlov, V.K. Belosevich. TSvet. met. 34 no.5:65-69 My '61.

TITANIUM—CORROSION

Effect of phase constitution and structure on the cavitation-erosion resistance of titanium and its alloys. I.N. Bogachev and others. Fiz. met. i metalloved. 11 no.4: 557-563 Ap '61.

TITANIUM—HARDENING

Nachinkov, A.D. [Nitriding of titanium and its alloys] Azotirovanie titana i ego splavov. Leningrad, 1960. 19 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii RSFSR. Seriia: Metallovedenie i Termicheskaia obrabotka, no.3) [MICROFILM]

TITANIUM—METALLOGRAPHY

Mechanical properties of varying degree purity titanium. E.M. Savitskii, M.A. Tylkina, A.N. Turanskaia. Titan i ego splavy no.1:68-81 '58.

Metallographic method of determining the oxygen and nitrogen impurities content in titanium and its alloys. V.N. Neugodova. Titan i ego splavy no.1 91-98 '58.

Oxidation of titanium and its alloys at high temperatures. P.M. Arzhanyi. Titan i ego splavy no 1:82-86 '58.

Titanium and titanium alloy recrystallization diagrams. E.M. Savitskii, M.A. Tylkina, A.N. Turanskaia. Titan i ego splavy no.1:33-67 '58.

TITANIUM—METALLURGY

Developing a method of hot pressing of titanium and titanium alloy powders. I.I. Kornilov and others. Titan i ego splavy no.1:25-32 '58.

TITANIUM—TESTING

General conditions of press working of titanium and its alloys. I.M. Pavlov. Titan i ego splavy no.1:121-133 '58.

TITANIUM—WELDING

Effect of aluminum on the structure and properties of titanium weld joints. S.M. Gurevich. Titan i ego splavy no.1:205-208 '58.

Electric slag welding of thick titanium with a consumable rod. V.P. Didkovskii. Avtom. svar. 14 no.5:91-92 My '61.

Fatigue strength of welded titanium sheet joints under the effect of bending. V.I. Syshchikov, B.B. Chechulin. Svarka 2 174-181 '59.

New reagent for the pickling of welded titanium joints. V.F. Grabin. Avtom. svar. 14 no.5:91 My '61.

Weldability of IMP1 titanium. M.Kh. Shorshorov, T.A. Amfiteatrova, G.V. Nazarov. Titan i ego splavy no 1. 108-193 '58.

Welding and soldering processes of commercial titanium. M.V. Poplavko, N.N. Manuilov, L.A. Gruzdeva. Titan i ego splavy no.1 194-204 '58.

TITANIUM ALLOYS

General laws governing the stabilization of beta-phase solid solutions in titanium alloys. N.V. Ageev, I.A. Petrova. Dokl. AN SSSR 138 no.2 350-360 My '61.

Investigation of the forgeability of titanium alloys. B.N. Shevelkin and others. Mashinostroenie no.3 33-36 My-Je '61.

TITANIUM ALLOYS—HARDENING

Increasing the surface hardness and the wear resistance of titanium alloys by means of high temperature diffusion saturation. A.S. Stroev, E.N. Novikova. Titan i ego splavy no.1 107-111 '58.

TITANIUM ALLOYS—METALLOGRAPHY

Effect of heat treatment on the structure and properties of the BT2 alloy. S.G. Glazunov. Titan i ego splavy no. no.1 99-106 '58.

Investigation of titanium alloys with tungsten, aluminum, beryllium and boron. N.T. Gudtsov, I.P. Panchenko. Titan i ego splavy no 1 111-123 '58.

TITANIUM ALLOYS—TESTING

Industrial plasticity of the BT2 alloy. V.IA. Kleimenov, T.N. Sazonova. Titan i ego splavy no.1:145-151 '58.

TITANIUM ALLOYS—WELDING

Electrodes for welding titanium alloys under AN-T1 flux. S.M. Gurevich. Avtom. svar. 14 no.5:94 My '61.

Investigating weld aging processes in two-phase titanium alloys. Report no.2. Aging of welds having undergone heat treatment. V.F. Grabin and others. Avtom. svar. 14 no.6:3-13 Je '61.

TITANIUM-ALUMINUM ALLOYS

Rates of solution of a titanium alloy in sulfuric and hydrochloric acid solutions of various concentrations. E.S. Bratlo, N.S. Dombrovskaia. Zhur. prikl. khim. 33 no.10,2360-2362 O '60.

TITANIUM CHLORIDE

Effect of the structure of titanium trichloride on the stereospecificity of complex catalysts. Part 1: Effect of the conditions under which catalysts based on β-$TiCl_3$ + $Al(C_2H_5)_3$ were prepared upon their stereospecificity in the polymerization of propylene [with summary in English] A.A. Korotkov, Li TSzun-chan [Li Tsung-ch'ang]. Vysokom. soed. 3 no.5:686-690 My '61.

Effect of the structure of titanium trichloride on the stereospecificity of complex catalysts. Part 2: Changes in the structure and catalytic properties of titanium trichloride during thermal treatment [with summary in English]. A.A. Korotkov, Li TSzun-chan [Li Tsung-ch'ang]. Vysokom. soed. 3 no.5:691-696 My '61.

TITANIUM-CHROMIUM ALLOYS—TESTING

Plasticity of IMP1 and IMP2 alloys. Titan i ego splavy no.1:134-144 '58.

TITANIUM CRYSTALS

Investigating the surface properties of titanium dioxide crystals. L.G. Gantchenko, V.F. Kiselev. Dokl. AN SSSR 138 no.3:608-611 My '61.

TITANIUM-MANGANESE ALLOYS—METALLOGRAPHY

Stability of the beta phase in titanium-manganese alloys. N.V. Ageev, Z.M. Smirnova. Titan i ego splavy no.1: 17-24 '58.

TITANIUM-MOLYBDENUM ALLOYS—METALLOGRAPHY

Stability of the beta phase in titanium-molybdenum alloys. N.V. Ageev, I.A. Petrova. Titan i ego splavy no.1:3-16 '58.

TITANIUM-NICKEL-CHROMIUM ALLOYS see Nickel-chromium-titanium alloys

TITANIUM NITRIDES—ELECTRIC PROPERTIES

Physical properties of titanium nitride in the homogeneity region. G.V. Samsonov, T.S. Verkhoglyadova. Dokl. AN SSSR 138 no.2 312-313 My '61.

TITANIUM ORES see subdivision under Polesye

TITANIUM ORGANIC COMPOUNDS

Mono-π-cyclopentadienyl titanium derivatives. A.N. Nesmeianov, O.V. Nogina, A.M. Berlin. Izv. AN SSSR Otd. khim. nauk no.5:804-807 My '61.

TITANIUM OXIDES

Formation of semiconducting titanium dioxide on titanium at low oxygen pressures [with summary in English]. V.A. Dorfin, D.N. Nasledov, F.M. Tartakovskaia. Zhur. fiz. khim. 34 no.4:809-814 Ap '60.

TITANIUM OXIDES—THERMAL PROPERTIES

Heat content of some titanium oxides at high temperatures [with summary in English]. M.S. Erofeeva, N.L. Lukinykh, S.M. Arlia. Zhur. fiz. khim. 35 no.4:772-775 Ap '61.

TITANIUM-TIN-ZIRCONIUM ALLOYS

Phase equilibrium in the quasiternary system Ti - Ti_3Sn - Zr. V.V. Glazova, N.N. Kurnakov. Dokl. AN SSSR 138 no.4:835-838 Je '61.

Study of phase equilibrium in the Ti_3Sn - Zr system. V.V. Glazova, N.N. Kurnakov. Dokl. AN SSSR 136 no.1:100-103 Ja '61.

TKACHEV, PETR NIKITICH, 1844-1886

The aesthetic views of P.N. Tkachev; from the history of journalism and literary criticism of the 1870's. B.A. Trubetskoi. Uch. zap. Kish. un. 37:31-38 '59.

TLENDIEV, NURGISA, 1925-

Two Kazakh conductors. A. Kel'berg. Sov. muz. 25 no.5:30-13 My '61.

TOADS

Effect of cutaneous gland secretion in toads on various immunological properties of the organism [with summary in English]. V.I. Zakharov, N.V. Kolpikov, B.M. Kuntser. Biul. eksp. biol. i med. 49 no.2 85-89 F '60.

TOBACCO

Air flow through the tobacco leaf layer. V.S. Pashkov, V.I. Trubnikov. Izv. vys. ucheb. zav. ;pishch. tekh. no.2 157-160 '61.

Effect of gibberellic acid on the growth and biochemical processes in tobacco, makhorka, and certain ornamental plants [with summary in English] S.O. Hrebins'kyi, N.V. Roiko. Ukr. bot. zhur. 18 no.2 37-40 '61.

Influence of lithium on the water balance of tobacco. L.A. Erdakova. Nauch. dokl. vys. shkoly; biol. nauki no.2: 174-180 '61.

TOBACCO—ANALYSIS AND CHEMISTRY

Alteration of combined water-soluble carbohydrates of tobacco during its processing. P.G. Asmaev, I.G. Mokhnachev. Izv. vys. ucheb. zav. ,pishch. tekh. no.2: 58-63 '61.

Determination of combined water-soluble carbohydrates of tobacco. I.G. Mokhnachev. Izv. vys. ucheb. zav. ; pishch. tekh. no.2:54-57 '61.

TOBACCO—PHYSIOLOGICAL EFFECT

Trofimov, V.A. [Tobacco is the enemy of health] Tabak - vrag zdorov'ia. [Leningrad] Gos. izd-vo med. lit-ry Medgiz, Leningr. otd-nie, 1959. 30 p. (Nauchno-populiarnaia meditsinskaia literatura) (DNLM)

TOBACCO MOSAIC VIRUS

Results of electron microscope studies on the particle morphology of the tobacco mosaic virus. G.S. Nikiforova. Dokl. AN SSSR 138 no.2:464-465 My '61.

TOBOL VALLEY—WATER, UNDERGROUND

Relation between the chemical composition of underground waters and interstitial waters in clayey "water-resistant" rocks. N.P. Zatenatskaia. Dokl. AN SSSR 138 no.4:924-927 Je '61.

TOBOLSK—HISTORY

Book of chronicles on Tobolsk. A.Z. Zhavoronkov. Trudy ODRL 17:405-490 '61.

TOCOPHEROL

Histological changes in the skeletal musculature in alimentary muscular dystrophy [with summary in English] M.G. Shcherbakova. Arkh. anat. gist. i embr. 40 no.2:31-41 F '61.

TOGUR—SCHOOL LIBRARIES

Our library. Viktor Kholodov. Det. dom 16 no.4: 69-70 '60.

TOKAREV, FEDOR VASIL'EVICH, 1871-

A pioneer of Soviet firearms. Voen.-ist. zhur. 3 no. 6: 127 Je '61

TOKYO—ART, RUSSIAN—EXHIBITIONS

Works of Russian artists in Japan. A. Zamoshkin. Iskusstvo 24 no. 4:66-69 '61.

TOLERANCE (ENGINEERING)

Introducing standards for tolerances in gears. B. A. Talits. Standartizatsiia 25 no. 5:3-7 My '61.

New system of size allowances for steel construction elements. A. S. Chesnokov. Prom. stroi. 38 no. 5: 51-54 '60.

Tolerances for plastic objects. Iu. A. Vorob'ev. Izv. vys. uchеb. zav.; mashinostr. no. 3:109-117 '61.

Using tolerances concerning the system of holes in agricultural machinery. G. G. Chernov. Trakt. i sel'khozmash. 31 no. 5 35-36 My '61.

TOLSTOI, ALEKSEI NIKOLAEVICH, 1882-1945

Some stylistic characteristics of A. N. Tolstoi's narration in his trilogy "The road to Calvary." M. A. Shlykova. Uch. zap. Llp. gos. ped. inst. 2:128-162 '58.

TOLSTOI, LEV NIKOLAEVICH, 1828-1910

G. V. Plekhanov on Lev Tolstoi [with summary in English] S. S. Derkach. Vest. LGU 16 no. 8 92-105 '61

"Lev Tolstoi, the 1870's" by B. Eikhenbaum. Reviewed by IA. Bilinkis. Zvezda no. 4 212-213 Ap '61

Miksen, O. K. [The international significance of the works of L. N. Tolstoi] Svitove znachennia tvorchosti L. M. Tolstoho. Kyiv, 1961. 37 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 8, no. 1)

Moscow. Gosudarstvennyi muzei L. N. Tolstogo. [Lev Tolstoi in photographs of his contemporaries] Lev Tolstoi v fotografiiakh sovremennikov. Moskva, Izd-vo Akad. khudozh. SSSR, 1960. 7 p. plates.

Tolstoi Days at Moscow University. L. Matiushenko. Vest. Mosk. un. Ser. 7: Filol., zhur. 16 no. 1 89-92 Ja-F '61.

The Tolstoi jubilee. Rad. lit. 5 no. 2 152-156 Mr-Ap '61

TOLSTOI IN LITERATURE AND ART

Sculptor Paolo Trubetskoi. Val. Bulgakov. Iskusstvo 24 no. 5, 67-69 '61

TOLUENE

Dealkylation of mesitylene and conjugated alkylation of benzene and toluene in the presence of synthetic aluminosilicates. A. V. Topchiev, G. M. Mamedaliev, I. S. Kovaleva. Izv. AN SSSR Otd. khim. nauk no. 5 868-876 My '61.

Kinetics of the extraction of toluene by diethylene glycol from a mixture of toluene with n-heptane in packed columns. M. Kh. Kishinevskii, L. A. Machalova. Zhur. prikl. khim. 33 no. 10:2344-2349 O '60.

TOMASHPOL DISTRICT—COOPERATIVE SOCIETIES

From a month's campaign to everyday work. M. Dashevskii. Sov. potreb. koop. 5 no. 5,44-45 My '61.

TOMATO BREEDING

Characteristics of tomato hybrids produced by reciprocal crossing. V. V. Vartapetian. Vest. Mosk. un. Ser. 6 Biol., pochv. 16 no. 2 36-43 Mr-Ap '61

Effect of the pollen of remote species on segregation in intervarietal breeding of tomatoes [with summary in English]. IA. S. Aizenshtat. Trudy po prikl. bot., gen. i sel. 32 no. 3:299-303 '59.

TOMATOES

(see also subdivision under Russia, Northern)

Agapov, A. F. [High tomato yields] Vysokie urozhai pomidorov. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 117 p. (DA)

Causes of the depression of tomato plants under conditions of insufficient light during the fourth stage of development [with summary in English]. Z. I. Shanigina. Fiziol. rast. 8 no. 3:325-329 '61.

Development of the root system of tomatoes. Z. G. Pichugina. Agrobiologiia no. 3:471-472 My-Je '61.

Effect of radioactive isotopes on the growth, development, and yield of tomatoes and the eggplant [in Azerbaijani with summary in Russian]. N. B. Vezirova. Uch. zap. AGU. Biol. ser. no. 4:65-70 '60.

Hairy Tomato Lycopersicon hirsutum [with summary in English]. K. V. Ivanova. Trudy po prikl. bot., gen. i sel. 32 no. 3:71-79 '59.

Individual salt resistance and formative processes in tomatoes. V. A. Solov'ev. Fiziol. rast. 7 no. 2:222-225 '60.

Reaction of tomatoes to the length of days and temperature [with summary in English]. T. V. Oleinikova. Trudy po prikl. bot., gen. i sel. 32 no. 3: 108-116 '59.

Soil temperature conditions and the tomato crop [with summary in English]. L. N. Cheremnykh, A. N. Naumova. Izv. AN SSSR, Ser. biol. no. 3:452-457 My-Je '61.

TOMATOES—DISEASE AND PEST RESISTANCE

Developmental characteristics of pathogenic agents in tomatoes of various disease resistance [with summary in English]. N. D. Khrobrykh. Trudy po prikl. bot., gen. i sel. 32 no. 3.270-279 '59.

Resistance of tomato varieties to Septoria lycopersici Speg. [with summary in English]. S. S. Voskan'ian. Trudy po prikl. bot. gen. i sel. 32 no. 3:175-180 '59.

TOMATOES—DISEASES AND PESTS

Characteristics of the infestation of tomatoes by the fungus Phytophthora infestans (mont.) de Bary. K. V. Ivanova. Trudy po prikl. bot., gen. i sel. 32 no. 3: 109-180 '59.

Comparative characteristics of Phytophthora infestans DB strains from potatoes and tomatoes [with summary in English]. N. P. Cherepanova, L. I. Pshedetskaia. Vest. LGU 16 no. 9 141-148 '61

TOMATOES—FERTILIZERS AND MANURES

Changes in the quantity and quality of tomato fruit depending on soils and fertilizers. G. G. Venditto. Vest. Mosk. un. Ser. 6 Biol., pochv. 16 no. 2 41-54 Mr-Ap '61

TOMATOES—VARIETIES

Comparative evaluation of tomato varieties on the basis of their cold resistance [with summary in English]. M. V. Syskova. Trudy po prikl. bot., gen. i sel. 32 no. 3 181-192 '59.

TOMSK—ENGINEERING RESEARCH

Designed by students. V. Baburov. Mol. kommun. no. 5 67-70 My '61

TOMSK—MEDICAL COLLEGES

Medical students during the revolutionary movement in Tomsk. T. G. Poliakskaia. Sov. zdrav. 20 no. 4 21-29 '61

TOMSK—TUMORS

Neoplastic diseases according to autopsy data in Tomsk for the past 20 years (1938-1958). N. V. Sokolova and others. Vop. onk. 7 no. 3 80-83 '61.

TOMSK PROVINCE—FOREST SOILS

Gray podzolized forest soils of southern and southeastern Tomsk Province. I. M. Nepriakhin. Uch. zap. TGU no. 36:186-209 '60

TOMSK PROVINCE—SOILS

Soil districts of southern Tomsk Province. I. M. Nepriakhin. Uch. zap. TGU no. 36-171-185 '60

Soils in the area of the Asino Repair and Supply Station in Tomsk Province. I. M. Nepriakhin. Uch. zap. TGU no. 36 210-218 '60

TOMSK REGION—GOLD ORES

Upper Paleozoic gold formation in the vicinity of Tomsk. A. M. Kuz'min. Geol. i razv. mestorozh. no. 2:130-131 Mr-Ap '61

TOMSKII, NIKOLAI VASIL'EVICH, 1900

Images of a heroic epoch. A. Mikhailov. Iskusstvo 24 no. 4.10-16 '61.

TONGUE

Problem of the efferent regulation of receptors; based on an example of lingual chemoreceptors [with summary in English]. A. I. Isakov. Biul. eksp. biol. i med. 51 no. 3.3-8 Mr '61.

TONGUE—DISEASES

Three cases of actinomycosis of the tongue (from "Otolar. Polska," no. 1, 1958). Zhur. ush., nos. i gorl. bol. 20 no. 1 89 Ja-F '60.

TONGUE—TUMORS

Treatment of lymphangioma of the tongue. A. I. Evdokimov, P. M. Gorbushina. Stomatologiia 40 no. 1:45-48 Ja-F '61.

TONSILS—DISEASES

Chronic tonsillitis in children and their treatment by physical methods. L. A. Shaklinovich. Med. sestra 20 no. 3 23-26 Mr '61.

Moscow (Province) Oblastnoi nauchno-issledovatel'skii klinicheskii institut imeni M. F. Vladimirskogo. [Chronic tonsillitis in children] Khronicheskii tonzillit u detei; sbornik trudov. Pod red. M. I. Olevskogo. Moskva, 1959. 125 p. (DNLM)

Relapsing calculus of the palatine tonsils. N. N. Udov. Zhur. ush., nos. i gorl. bol. 20 no. 1:75-76 Ja-F '60.

Treatment of chronic tonsillitis and the prevention of anginas. A. V. Korchagin. Fel'd. i akush. 26 no. 5: 21-24 My '61.

TONSILS—SURGERY

Rare complication during tonsillectomy under local anesthesia. A. M. Talyshinskii. Vest. otorin. 22 no. 1:91-92 Ja-F '60.

TONSILS—TUBERCULOSIS

Case of isolated tuberculosis of the palatine tonsils. A. A. Gnutenko. Probl. tub. 38 no. 4:104-105 '60.

TOOL STEEL

Improving the process of making hollow drill steel. Stal' 21 no. 6 542 Je '61.

TOOL STEEL—STANDARDS

High-speed tool steel. A. G. Ivanov, E. V. Kuchinina. Standartizatsiia 25 no. 5:28-32 My '61.

TOOLS

Puller-tool for bearings. V. Churianin. Sel'. mekh. no. 5: 28 '61

TOPOLOGY

Asymptotic approximation by integral functions in infinite regions. N. U. Arakelian. Mat. sbor. 53 no. 4:515-539 Ap '61.

Correction to the article "Complete modular spectrum of cohomology rings of the (tikhonov) product," M. F. Bokshtein. Mat. sbor. 53 no. 2:260-263 F '61.

Embedding of simply connected manifolds into Euclidean space. S. P. Novikov. Dokl. AN SSSR 136 no. 4 775-774 Je '61.

Homotopy dualism for a space involving a group of operators. A. S. Shvarts. Dokl. AN SSSR 136 no. 1,43-46 Ja '61.

Jost--Lehmann--Dyson's integral representation. V. S. Vladimirov, V. F. Nikitin. Dokl. AN SSSR 138 no. 4 809-812 Je '61

k-regular cones. V. IA. Stetsenko. Dokl. AN SSSR 136 no. 5,1038-1040 F '61

Partially ordered topological groups. S. N. Slugin. Dokl. AN SSSR 136 no. 1,36-38 Ja '61

Principle of the maximum in the theory of optimal processes involving retardation. G. I. Kharatishvili. Dokl. AN SSSR 136 no. 1:39-42 Ja '61

Remarks on the work "Investigation of the integrals of a parabolic equation and of boundary value problems in an unlimited region." V. Pogozhel'skii. Mat. sbor. 53 no. 4:539-540 Ap '61.

Some evaluations of analytical capacity. V. P. Khavin, S. IA. Khavinson. Dokl. AN SSSR 138 no. 4:789-792 Je '61

TORQUE—MEASUREMENT

Measuring the torque on ship power plant shafts by the phase-shift method. V. Kuz'menko. Rech. transp. 20 no. 5:53-54 My '61.

TORSION

Torsion of circular bars having longitudinal grooves or teeth and a central cavity. B. L. Abramian, A. A. Babloian. Prikl. mat. i mekh. 24 no. 2.341-349 Mr-Ap '60

TOURISM

On the march, friends! O. Arkhangel'skaia and others. Sov. profsoiuzy 17 no. 11 42-43 Je '61.

TOURIST CAMPS, HOSTELS, ETC.

Passenger service buildings. Iu. Gol'denberg. Avt. transp. 39 no. 5:12-17 My '61.

TOURISTS, CANADIAN see subdivision under Ukraine

TOWER CLOCKS see subdivision under Moscow

TOWERS

(see also subdivision under Moscow)

Elimination of pitch in towers. V. I. Khorunzhii. Osn., fund. i mekh. grun. 3 no. 2 25-26 '61

TOWING

(see also subdivision under United States)

Prospects for developing designs of cableless coupling devices. N. Meier. Rech. transp. 19 no. 3:28-31 Mr '60.

Results of testing automatic linkages. L. Ryzhov, N. Meier, Iu. Petlitskii. Rech. transp. 20 no. 5:18-22 My '61.

TOWING—EQUIPMENT AND SUPPLIES

Tow hook with a hydraulic closing device and an automatic release. A. Dikin. Rech. transp. 19 no. 2: 47-48 F '60.

TOWING—SPEED

Working out methods of determining losses and gains in the propulsive speed of tow trains. V. Volkov. Rech. transp. 20 no. 3 55 Mr '61

TOXINS AND ANTITOXINS

Change in electrophoretic properties of Cl. oedematiens toxin under the influence of formalin [with summary in English]. M. V. Ispolatovskaia, E. V. Vlasova. Biul. eksp. biol. i med. 51 no. 3:67-71 Mr '61.

Effect of antibiotics on antigenic properties of diphterial toxins and anatoxins in gel diffusion precipitation experiments [with summary in English]. V. N. Borkach, I. I. Gol'beis. Antibiotiki 6 no. 2:153-158 F '61

Effect of levomycetin on the carbohydrate metabolism in endotoxin poisoning [with summary in English]. V. A. Liashenko. Antibiotiki 6 no. 2:135-138 F '61

Isolation and chemical study of the anatoxin of Vibrio comma [with summary in English]. I. P. Maiorova. Biokhimiia 25 no. 6:977-980 N-D '60.

TOXINS AND ANTITOXINS (Continued)

Pathways of entrance of tetanus toxin into the central nervous system and some problems in the pathogenesis of experimental tetanus. Report No 1 Experiments on white rats [with summary in English]. G N Kryzhanovskii and others. Biul eksp.biol i med 51 no. 3 15-19 Mr '61

Possibility of reproducing the phenomenon of paradoxical sensitivity with reference to the toxins of staphylococci and Bac. perfringens [with summary in English]. I N. Meiguney, V.V Khatuntsev Biul. eksp.biol i med 19 no 3 73-76 Mr '60.

Role of lymphoid organs in the formation of antitoxic immunity [with summary in English]. G V Shumakova Biul. eksp. biol. i med. 51 no 3 80-84 Mr '61

TOXOPLASMOSIS

Clinical aspects and pathological anatomy of congenital toxoplasmosis [with summary in French] I G Tykhina, I I Ilina Zhur nevr i psikh 60 no 3 319-326 '60

Pathomorphological diagnosis of congenital toxoplasmosis [with summary in French] E. A Uspenskii, L T TSerkovich. Zhur. nevr i psikh 60 no 3 315-318 '60

Toxoplasmal epileptiform syndrome [with summary in French]. A M Khaletskii Zhur nevr i psikh 60 no 3 307-311 '60

Two cases of toxoplasmosis [with summary in French] F D Zabugin, M G Smaikina Zhur nevr i psikh 60 no 3 312-311 '60.

TOY THEATERS

Children's toy theater. T. Karamanenko Doshk vykh. 22 no.5 27-30 My '61.

Punch and Judy show as an efficient educational method. O. Fadeeva. Doshk.vykh. 22 no. 6 28-32 Je '61.

TOYS

(see also subdivision under Japan)

Children should have only the best! A. G. Rudnev. Doshk. vosp. 34 no.5:86 My '61.

Homemade toys in children's play. E. I. Kubyshkina. Doshk. vosp. 34 no.5:05-08 My '61.

TRACE ELEMENTS

(see also subdivision under Azerbaijan, Transcarpathia; Ural Mountains)

Concentration of the trace elements cobalt and copper in soils and forage grasses of the Polesye Lowland (White Russia). N.P.Shergin. Trudy Biogeokhim. lab. no. 11:70-74 '60.

Deficiency of several trace elements in soils rich in lime. L. K. Ostrovskaia, G. M. IAkovenko, M. S. Gamalunova. Trudy Biogeokhim. lab. no. 11.92-101 '60.

Effect of soaking seeds in solutions of trace elements on cotton yields. I. A. Dzhalilov. Izv. AN Uz SSR no 6 57-62 '56.

Effect of some trace elements on vitamin B12 production by propionic acid bacteria. L. I. Vorob'eva. Dokl. AN SSSR 138 no. 2:450-453 My '61.

Effect of trace elements on seed germination, growth, and vitality of Pinus eldarica sprouts [in Azerbaijani with summary in Russian]. S. G. Guseinov. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 1 111-118 '60.

Effect of trace elements on the amount and acid resistance of chlorophyll in plants [in Azerbaijani with summary in Russian]. I. M Buniatov Uch zap AGU Biol. ser no 3 23-27 '60

Effect of trace elements on the germination and growth of certain plants B. A IAgodin Biul Glav bot. sada no 39 83-86 '60

Evaluating the rare and trace element content of iron ores. G. S. Momdzhi, V. M. Grigor'ev. Razved. i okh. nedr 27 no.3:11-17 Mr '61.

Influence of microelements on the productivity of ornamental floral plants. L. E. Titarenko, M. N Kuznetsova Nauch. dokl. vys. shkoly; biol. nauki no 2:169-173 '61.

Problems in the study of biogeochemical provinces of western Uzbekistan. M. A. Rish. Trudy Biogeokhim. lab. no. 11:154-163 '60.

Role of soil composition in the accumulation of various elements by plants L. A. Ezdakova, M. A. Rish, V I. Ezdakov. Izv. AN Uz. SSR no 12.63-69 '56

Some features of the distribution of minor elements in the water of the Khadum horizon of the Stavropol upraise M V. Miroshnikov. Trudy GNI no. 21:103-110 '59.

Trace element concentrations in plants of the Latvian S. S. R. K. Bamberga. Trudy Biogeokhim. lab. no. 11: 60-64 '60.

Trace elements (cobalt, copper, zinc, molybdenum) in soils of the Latvian S. S. R. J. Peive. Trudy Biogeokhim. lab. no. 11:43-59 '60.

Trace elements concentration in foodstuffs as related to the distribution of endemic goiter. E. T. Zemlianitskaia Trudy Biogeokhim. lab. no. 11:132-133 '60.

Using electrodialysis for the study of trace elements in coals. V. M. Ershov. Trudy Gor.-geol. inst. UFAN SSSR no. 32:231-233 '59.

TRACHEA—INNERVATION

Nervous apparatus of the trachea and its trophic significance [with summary in English]. IU. K. Eletskii. Vest. otorin. 22 no. 1:05-71 Ja-F '60.

TRACHEA—SURGERY

Use of aerosols and electroaerosols in the acute stage of poliomyelitis especially in tracheotomized patients [with summary in French] E I Randam and others Zhur nevr i psikh. 60 no 11.1428-1131 '60

TRACHEA—TUMORS

Tomographic studies on tumors of the trachea N V. Rykova Vop onk 7 no 3:26-30 '61

TRACK ATHLETICS—CONGRESSES

International Conference of Coaches of Track Athletics. V. P. Filin. Teor. i prak. fiz. kul't. 24 no. 5 396-399 '61.

TRACKLAYING VEHICLES

Dynamics of starting while turning of a tracklaying, self-propelled vehicle under the simplest of circumstances. F. A. Opeiko. Izv. vys. ucheb. zav., gor. zhur. no. 9 87-89 '59.

TRACTOR INDUSTRY see subdivision under Altai Territory, Stalingrad

TRACTORS

(see also subdivision under Polesye)

Adol'f, V. A., and others. [DSSH-14 self-propelled chassis] Samokhodnoe shassi DSSh-14. Pod red. G. V Lebedinskogo. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 181 p.

Construction features of the T-75 tractor. V. V. Zamóiskyi. Mekh. sil'. hosp. 12 no. 5:28-30 My '61.

Increasing the productivity of tractors. E. M. Mindel'. Trakt. i sel'khozmash. 31 no. 5:4-7 My '61.

Mountain cross-country tractor. I. IUdasin Znan. sila 36 no 5,12-14 My '61

Structural analysis of the performance reliability of tractor suspension systems. I. P. Sporysh. Trakt. i sel'khozmash. 31 no 5:11-13 My '61.

Tractor is picking up speed. B. Glinskii. Znan. sila 36 no. 2:6-7 F '61.

Welded front beam for the DT-54 tractor. P. Zel'tsev. Tekh. v sel'khoz. 20 no. 4 60-61 Ap '60.

Work of tractor units at high speeds on cotton farms M. Akhmedzhanov. Izv AN Uz SSR no 12 15-24 '56

TRACTORS—ATTACHMENTS

Attachments to row crop tractors. M. Akhmedzhanov. Tekh. v sel'khoz. 20 no. 4:72-73 Ap '60.

TRACTORS—ENGINES

Air cleaners of S-100 and T-140 tractors. G. Klebanov. Tekh. v sel'khoz. 20 no. 4:71-72 Ap '60.

How to maintain a certain degree of irregularity in regulators. F. Muzychuk. Tekh. v sel'khoz. 20 no. 4: 43-46 Ap '60.

TRACTORS—ENGINES—CYLINDERS

Machining the working surface of cylinder heads. M. IA. Kriuk, M. S. Verbits'kyi. Mekh. sil'. hosp. 12 no. 5:16 My '61.

TRACTORS—HYDRAULIC EQUIPMENT

Reconditioning NS-37 hydraulic power lifts. I. Storchak, G. Lisovskii. Tekh. v sel'khoz. 20 no. 4:61 Ap '60.

TRACTORS—LUBRICATION

Effect of the prolonged use of crankcase oil on the performance of DT-54 tractors. N. I. Ilinskaia and others. Trudy MIMESKH 6:351-364 '59.

TRACTORS—MAINTENANCE AND REPAIR

Definition of categories of tractor operators. Sel'. mekh. no. 5:23-24 '61.

Each shift should be responsible for the maintenance of tractors. I. Mikhailov, A. Morshin. Sel'. mekh. no. 5: 34-36 '61.

Glue instead of rivets. N. Manukov. Tekh. v sel'khoz. 20 no. 4:62-67 Ap '60.

Klebanov, B. V., and others. [Repairing motor vehicles and tractors] Remont avtomobilei i traktorov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry. Pt. 1. 1961. 335 p.

Maintenance of tractors on collective and state farms. A. Silnikov, G. Zrdashev. Tekh. v sel'khoz. 20 no. 4: 30-34 Ap '60.

Two suggestions. E. Starovoitov. Sel'. mekh. no. 5:27 '61.

Using the subassembly method. M. Ivannikov. Sel'. mekh. no. 5:16-18 '61.

Using the subassembly method in tractor repair. M. A. Andrilchuk-Riabokon'. Mekh. sil'. hosp. 12 no. 5:12-13 My '61.

TRACTORS—TESTING

Experimental method for determining moments of inertia and rigidity in tractors. A. A. Grunaeor, V. P. Zablotskii, E. P. Rapota. Trakt. i sel'khozmash. 31 no. 5:13-15 My '61.

TRACTORS—TIRES

Tires for agriculture. S. P. Zakharov, K. F. Anikanova. Kauch. i rez. 20 no. 4:1-3 Ap '61.

TRACTORS—TRAILERS

Boring holes in the trailer axles of KDP-35 tractors. H. K. Sereda Mekh sil' hosp 12 no 5:17 My '61.

TRACTORS—TRANSMISSION DEVICES

Determining the reduced moment of inertia in rotating parts of the tractor transmission. M. P. Sergeev, IU N. Lomonosov Trakt i sel'khozmash. 31 no. 5:15-16 My '61.

Results obtained from investigating the performance of tractor-drawn units with infinitely variable transmission. A. V. Petukhov. Trudy MIMESKH 6:29-46 '59.

Tractor with automatic friction transmission. V. A. Svetozarov, V. A. Kumenetskii Trakt i sel'khozmash 31 no. 5:7-10 My '61.

TRADE REGULATION

Expanding the role of the Union Republics and local organizations in the administration of Soviet trade B. M Lazarev Vest Mosk. un. Ser 10 Pravo 15 no. 2 32-45 Ap-Je '60.

TRADE UNIONS

(see also subdivision under Brazil, Bulgaria, France; Germany, West, Japan, Kadiyevka, Mongolia, Priluki; Ukraine, United States)

The African laboring class in the struggle against imperialism. G. Usov Mir. ekon. i mezhdunar. otn. no. 6: 127-130 Je '61

A good reputation travels fast. N. Tatarskaia. Sov. profsoiuzy 17 no. 11 16-19 Je '61.

A great campaign continues! S. Andreev. Sov. profsoiuzy 17 no. 11 27-29 Je '61.

Highway transport workers of Kirghizistan. B. Balashov. Avt. transp. 39 no. 5,7 My '61.

Highway transport workers of the Moldavian S. S. R. V. Reshet'ko. Avt. transp. 39 no. 5 5-6 My '61.

Immortal deed of the Soviet people. S. Levitin. Sov. profsoiuzy 17 no 11 12-11 Je '61.

International relations of our Trade Union. A. Koshkarev. Avt. transp. 39 no. 4:8 Ap '61.

Unity is a guarantee of success. Sov. profsoiuzy 17 no. 11 30-32 Je '61.

We shall welcome the party congress in the communist way. Sov. profsoiuzy 17 no 11-1-2 Je '61.

When the workers' committee forgets about the main thing... V Skryl'. Sov profsoiuzy 17 no. 10 16-17 My '61

TRADE UNIONS—CONGRESSES

Tenth Session of the Administrative Committee of the Joint International Union of Metallurgy and Machinery Industry Workers. I. S. Burdin. Metallurg 6 no. 5 39-40 My '61.

TRADE UNIONS—INTERNATIONAL COOPERATION

International relations of the Trade Union. Mest. prom. i khud. promys. 2 no.5,36 My '61

TRADE UNIONS—OFFICERS

Give trade-union workers unremitting attention. A. Bulgakov. Sov. profsoiuzy 17 no. 11-3-6 Je '61.

TRAFFIC ACCIDENTS

When traffic regulations are forgotten. M. Levinson. Avt. transp. 39 no. 4:44-45 Ap '61.

TRAFFIC REGULATIONS

New program for the study of traffic regulations. Avt. transp. 39 no. 4:46 Ap '61.

[Traffic regulations for the streets and highways of the U. S. S. R.] Pravila dvizhenila po ulitsam i dorogam Soiuza SSR. Minsk, Izd-vo "Zvlazda," 1961. 43 p. [MICROFILM]

Traffic regulations on streets and roads of the U. S. S. R. Sel'. mekh. no. 5:39-41 '61.

TRAFFIC SAFETY

Kuznetsov, E. S., and I. P. Plekhanov. [Sketches on traffic safety] Ocherki po bezopasnosti dvizhenila. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1960. 135 p.

Public traffic inspector. V A Fedorov. Put' i put. khoz 5 no. 1-30 Ja '61.

TRAINING OF EMPLOYEES see Employees, Training of

TRAJECTORIES

One method of developing optimum trajectories. N. N. Krasovskii. Mat. sbor. 53 no. 2:195-206 F '61.

TRANQUILIZING DRUGS

Effect of tranquillizers on the processes of excitation and inhibition during reflex epilepsy in rats. Part 1: Effect of methylpenthynole carbanate. D. A. Fiess, A. Lemann. Nauch. dokl. vys. shkoly; biol. nauki no 2:102-106 '61

Results with isoprine (diisopropylpurescine) in neuropsychiatric diseases [with summary in English]. V. V. Kovalev. Farm. i toks. 24 no. 1:57-61 Ja-F '61.

TRANS-ILI ALA-TAU—ALLANITE

The ratio of rare earth elements in orthites of some igneous rocks of northern Kirghizistan. A. V. Kosterin, V. E. Kiziura, V. N. Zuev. Geokhimiia no. 5:454-456 '61.

TRANSAMINASE

Determination of glutamic-oxalic transaminase activity in Botkin's disease in children. G. A. Smatko, I. V. Shakhgil'dian. Pediatriia no. 5 18-21 '61.

Diagnostic significance of the determination of transaminase activity in Botkin's disease in children. S. M. Goloveshko, M. D. Liberzon. Pediatriia no. 5 13-18 '61.

Effect of antibiotics and sulfonamides on transaminases in animal tissues [with summary in English]. V. M. Topel'berg. Antibiotiki 5 no. 2 83-85 Mr-Ap '60.

Effect of cortisone acetate on the activity of transaminases in rabbit tissues [with summary in English]. L. G. Ramna. Vop. med. khim. 6 no. 2 136-145 Mr-Ap '60.

TRANSBAIKALIA—CHEMICAL ELEMENTS

Regularities in the distribution of rare elements in complex ore deposits of eastern Transbaikalia. K. F. Kuznetsov and others. Trudy Inst. min., geokhim. i kristallokhim. red. elem. no. 3 162-179 '59.

TRANSBAIKALIA—DIKES (GEOLOGY)

Relict dikes and pseudodikes in certain areas of Transbaikalia. V. I. Zalutskii. Geol. i geofiz. no. 2 124-129 '61.

TRANSBAIKALIA—FAULTS (GEOLOGY)

New data on the Olovyannyy thrust [with summary in English]. V. G. Gladkov. Geol. i geof. no. 1 45-52 '61.

TRANSBAIKALIA—FLUORITE

Some characteristics of fluorite in eastern Transbaikalia. Wang Ch'ien-hsi. Trudy MGRI 38 83-87 '60.

TRANSBAIKALIA—GEOLOGY, ECONOMIC

Geotectonic zonation and some questions of the metallogeny of southeastern Transbaikalia. G. L. Padalka. Biul. VSEGEI no. 1:40-58 '58.

TRANSBAIKALIA—GRANODIORITE

Question of petrography of the Bukuka granodiorite massif (eastern Transbaikalia). A. G. Akin'shina. Izv. vys. ucheb. zav., geol. i razv. 3 no. 12 37-48 D '60.

TRANSBAIKALIA—RESTAURANTS, LUNCHROOMS, ETC.

In the mountains of Transbaikalia. D. Gyrgenov. Obshchestv. pit. no. 5 9 My '61.

TRANSBAIKALIA—SOILS—LEAD CONTENT

Biogeochemical provinces rich in lead. A. I. Makarova. Trudy Biogeokhim. lab. no. 11:215-220 '60.

TRANSCARPATHIA—ATHEISM

Convincing and militant propaganda; a review of the newspaper "Zakarpats'ka pravda." Voiov. ateist no. 5 30-40 My '61.

TRANSCARPATHIA—BEECH

Establishing beech plantations in Transcarpathia. V. V. Karzhavykh, A. S. Svirid. Les. khoz. 14 no. 6 72-74 Je '61.

TRANSCARPATHIA—CATHOLIC CHURCH (BYZANTINE RITES)

The facts which unmask them. A. Sikasi. Voiov. ateist. no. 5:55-58 My '61.

TRANSCARPATHIA—COOPERATIVE SOCIETIES

Interesting motion picture. G. Terekhov. Sov. potreb. koop. 5 no. 5:64 My '61.

TRANSCARPATHIA—FOLK SONGS, UKRAINIAN

"Transcarpathian folk songs." Reviewed by V. Hoshovs'kyi, IU. Kachii. Nar. tvorch. ta etn. 4 no. 4 128-131 O-D '60.

TRANSCARPATHIA—FORAMINIFERA, FOSSIL

Current studies of Sarmatian Foraminifera in Transcarpathia. I. M. Ilyshkevych. Pratsi Inst. geol. kor. kop. AN URSR 2:36-46 '60.

TRANSCARPATHIA—FORESTS AND FORESTRY—EXPERIMENTAL AREAS

Transcarpathian Experimental Forest Station. Biul. nauch.-tekh. inform. UkrNIILKhA no. 5:81-86 '58.

TRANSCARPATHIA—HISTORY

Establishment of Soviet rule in Transcarpathia in 1919. V. Kul'chyts'kyi. Rad. pravo no. 2:68-74 Mr-Ap '60.

TRANSCARPATHIA—HYDROELECTRIC POWER

Utilizing water resources of Transcarpathia for power production. K. V. Prymak. Pyt. rozv. prod. syl. L'viv. i Stan. ekon. adm. rai. no. 1:169-177 '60.

TRANSCARPATHIA—ROCKS, IGNEOUS

New data on the petrography and geology of Transcarpathian volcanic rocks. V. P. Kostiuk. Pratsi Inst. geol. kor. kop. AN URSR 2:47-58 '60.

TRANSCARPATHIA—SOLDIERS—RECREATION

When soldiers have leisure time. L. Vasil'ev. Komsom. zhizn' no. 17:23-25 S '60.

TRANSCARPATHIA—TRACE ELEMENTS

Concentration of some trace elements (cobalt, iodine, fluorine, bromine) in soils, drinking water, and foodstuffs in different biogeochemical provinces of Transcarpathia. V. M. Meshchenko, V. I. Aleksik, E. A. Mezhvinskaia. Trudy Biogeokhim. lab. no. 11 120-123 '60.

TRANSCAUCASIA—AGRICULTURAL RESEARCH

Joint session of the Academy of Sciences of the U. S. S. R. and the Academy of Sciences of the Azerbaijan, Armenian, and Georgian S. S. R. A. A. Abdinbekova. Izv. AN SSSR, Ser. biol. no. 3 185-186 My-Je '61.

TRANSCAUCASIA—ALLIED INTERVENTION, 1918-1920

History of the American intervention in Transcaucasia in 1917-1921. M. I. Naidel', IU. V. Sogomonov. Ist. SSSR 5 no. 3 28-46 My-Je '61.

"Intervention and the civil war in Transcaucasia" by A. B. Kadishev. Reviewed by F. A. Tokarzhevskii. Ist. SSSR 5 no. 3 172-174 My-Je '61.

TRANSCAUCASIA—EFFICIENCY, INDUSTRIAL

Labor enthusiasm of the workers of the Transcaucasian Soviet Federal Socialist Republic during the first five-year plan. V. Konovalov. Trudy Tbil. GU 77 171-192 '59.

TRANSCAUCASIA—HISTORY

Relations of the Roman Empire with Transcaucasian countries in the first century A. D. [in Georgian with summary in Russian]. N. Lomouri. Trudy Tbil. GU 77 127-154 '59.

TRANSCAUCASIA—REVOLUTION, 1917-1921

"Intervention and the civil war in Transcaucasia" by A. B. Kadishev. Reviewed by F. A. Tokarzhevskii. Ist. SSSR 5 no. 3 172-174 My-Je '61.

The socialist revolution in Transcaucasia as treated in bourgeois historical studies. K. S. Khudaverdian. Izv. AN Arm. SSSR Obshchestv. nauki no. 1 88-95 Ap '61.

TRANSDUCERS

Ferromagnetic converter with Hall transducer for measuring secondary currents in resistance welding. A. P. Gul'denbal'F, M. P. Zaitsev. Avtom. svar. 14 no. 5:49-54 My '61.

Noncontact transducers. B. D. Shaporov, V. F. Volchkov. Mekh. i avtom. proizv. 15 no. 5:36-38 My '61.

Relation between the magnetic properties and the sensitivity of magnetostrictive receivers made of nickel-zinc ferrites. A. D. Sokolov, IA. S. Shur. Akust. zhur. 6 no. 1:131-133 '60.

Torque and pressure induction transducers. RU. A. Echeistov, IU. I. Cherednichenko. Avt. prom. 27 no. 5:22-24 My '61.

Use of toroidal ferromagnetic cores for the conversion of continuous magnitudes to discrete magnitudes. IU. A. Beliaev. Izv. vys. ucheb. zav. ; elektromekh. 3 no. 12 26-31 '60.

TRANSFORMATIONS (MATHEMATICS)

Critical cases of Liapunov stability of stationary motions. L. M. Markhashov. Prikl. mat. i mekh. 25 no. 2 265-275 Mr-Ap '61.

Deflection of a semi-infinite plate lying on a linearly deformable base. G. IA. Popov. Prikl. mat. i mekh. 25 no. 2 342-355 Mr-Ap '61.

Unitary representations of nilpotent Lie groups. A. A. Kirillov. Dokl. AN SSSR 138 no. 2 283-284 My '61.

TRANSGLYCOSIDASE

Studies on the transfer of glycosyl residues of maltose in skeletal muscles [with summary in English]. N. F. Pisarenko, A. N. Petrova. Biokhimiia 26 no. 2:350-353 Mr-Ap '61.

Studying the mechanism of action of liver transglycosylase [with summary in English]. A. N. Petrova. Biokhimiia 25 no. 2 355-359 Mr-Ap '60.

TRANSIENTS (ELECTRICITY)

Transient processes in elementary networks containing thermistors with different laws for changing the temperature of the medium. E. B. Elagin. Izv. vys. ucheb. zav. ; energ. 4 no. 4:37-44 Ap '61.

TRANSISTOR AMPLIFIERS

Phenomenon of instability in a semiconductor amplifier with negative effective mass of carriers. A. L. Zakharov. Zhur. eksp. i teor. fiz. 38 no. 2,665-667 F '60.

Popov, P. A. [Design of audio frequency transistor amplifiers] Raschet tranzistornykh usilitelei zvukovoi chastoty. Moskva, Gos. energ. izd-vo, 1960. 103 p. (Massovaia radiobiblioteka, no. 378) [MICROFILM]

TRANSISTOR RADIOS

TSentral'naia stantsiia iunykh tekhnikov, Moscow. [Simple transistorized receivers] Prosteishie priemniki na poluprovodnikakh. [Moskva] Izd-vo "Detskii mir," 1961. 1 fold l. (Prilozhenie k zhurnalu "IUnyi tekhnik," no. 10(100))

TRANSISTORS

Consideration of inertial properties of transistor diodes in calculating pulse systems. F. D. Pashukanis. Nauch. dokl. vys. shkoly, radiotekh. i elektron. no. 2 286-291 '59.

Frequency instability in transistor oscillators caused by variations in power supply voltages. S. I. Kunina. Nauch. dokl. vys. shkoly, radiotekh. i elektron. no. 2 197-209 '59.

New transistor switching circuits. V. IA. Ovlasiuk. Trudy TSNII MPS no. 209 79-92 '61.

Transient characteristics of a junction transistor diode. I. P. Stepanenko. Izv. vys. ucheb. zav., radiotekh. 4 no. 2 175-184 Mr-Ap '61.

Transistorized capacitance delay line. V. IA. Ovlasiuk. Trudy TSNII MPS no. 209:53-59 '61.

TRANSITION METAL BORIDES

Analysis of transition metal and rare earth borides [with summary in English]. L. N. Kugai, T. N. Nazarchuk. Zhur. anal. khim. 16 no. 2 205-208 Mr-Ap '61.

TRANSITION METALS

Catalysis of isotopic exchange in molecular nitrogen induced by transition metals of the fourth period. A. I. Gorbunov, G. K. Boreskov. Probl. kin. i kat. 10:192-198 '60.

TRANSLATING AND INTERPRETING

A great school, remarks on Lenin as a translator. B. IAkovlev. Inostr. lit. no. 4 172-178 Ap '61.

TRANSONIC AERODYNAMICS see Aerodynamics, Transonic

TRANSPARENCIES

Preparation of transparencies. V. A. Bakhtiarov. Lab. delo 7 no. 5 61 My '61.

TRANSPLANTATION OF ORGANS, TISSUES, ETC.

Heterogeneous transplantation of tumors. M. D. Abdullaev, G. V. Tepliakova. Azerb. med. zhur. no. 4 125-128 Ap '60.

TRANSPORTATION

(see also subdivision under Kirghizistan; Moscow, Moscow region)

Akademiia nauk SSSR, Institut kompleksnykh transportnykh problem. [Problem of the cooperation of various types of transportation; principles of coordinational work of railroad, water and automotive transportation] Problema vzaimodeistviia razlichnykh vidov transporta, osnovy koordinirovannoi raboty zheleznodorozhnogo, vodnogo i avtodorozhnogo transporta. Moskva, Izd-vo Akad. nauk SSSR, 1961. 345 p.

Famous deeds of young transportation construction workers. E. F. Korchevnikov. Transp. stroi. 11 no. 4: 4-6 Ap '61.

TRANSPORTATION—ABSTRACTS

[Transportation.] Ref. zhur.: Transp. no. 6 Je '61.

TRANSPORTATION—BUILDINGS AND STRUCTURES

Precast and prestressed reinforced concrete elements of transportation structures. K. V. Mokhortov. Beton i chel.-bet. no. 3:105-110 My '61.

TRANSPORTATION—LAWS AND REGULATIONS

The study of transportation laws. I. Klimenko, T. Samovalova. Sots. zakon. 38 no. 6:66 Je '61.

TRANSPORTATION, AUTOMOTIVE

(see also subdivision under Antarctic regions; Astrakhan Province)

Advanced experience of automotive transportation units. M. N. Zaikin. Biul. tekh.-ekon. inform. no. 4:76-78 '61.

Automotive transportation units adopt advanced practices. A. Rozhkov. Avt. transp. 39 no. 4:48 Ap '61.

Bring passenger service to a new higher level. Avt. transp. 39 no. 5:1-3 My '61.

Closer relationship between the work of the scientific technical society and production. B. Romanov. Avt. transp. 39 no. 5:4 My '61.

New books. Avt. transp. 39 no. 4:62 Ap '61.

Organization work gives greater strength to assumed obligations. A. Berezin. Avt. transp. 39 no. 4:3-5 Ap '61.

TRANSPORTATION, AUTOMOTIVE—ACCOUNTING

Increase control over automotive transportation work. M. Shaposhnikov. Bukhg. uchet 18 no. 5 67-69 My '61.

TRANSPORTATION, AUTOMOTIVE—EXHIBITIONS

Awards of the Exhibition of Achievements of the National Economy of the U. S. S. R. A. Zebin. Avt. transp. 39 no. 4:52-53 Ap '61.

TRANSPORTATION, AUTOMOTIVE—FREIGHT

Automotive transportation agencies take over loading operations. M. Khlebnikov. Avt. transp. 39 no. 4:11 Ap '61.

Centralization of freight transportation from railroad stations. V. TSarik. Avt. transp. 39 no. 4:12-13 Ap '61.

TRANSPORTATION, AUTOMOTIVE -- FREIGHT (Continued)

Give wide support to the expansion of common carrier transportation. M. Kolpovskii. Avt. transp. 39 no. 4:1-2 Ap '61.

Loading operations should be the responsibility of automotive transportation. A. Vel'mozhin. Avt. transp. 39 no. 5:12 My '61.

TRANSPORTATION, AUTOMOTIVE—INTERNATIONAL COOPERATION

Twenty-Second Session of the Subcommittee on Automotive Transportation. Avt. transp. 39 no. 4:53-54 Ap '61

TRANSPORTATION, AUTOMOTIVE—LABOR PRODUCTIVITY see subdivision under Uzbekistan

TRANSPORTATION, AUTOMOTIVE—LAWS AND REGULATIONS

Motorcar renting contracts. D. Levenson. Sots. zakon. 32 no. 6 64-65 Je '61.

TRANSPORTATION, MILITARY

Crossing swampy areas. M. Lazebnikov. Voen. vest. 40 no. 10:70-72 O '60.

TRAUMATISM

Akademiia meditsinskikh nauk SSSR, Moscow. [Problem of trauma, transactions of the 11th session of the General Meeting of the Academy of Medical Sciences of the U.S.S.R.] Problema travmy, trudy XI sessii obshchego sobraniia Akademii meditsinskikh nauk SSSR. Otv. red. I. V. Davydovskii. Red. kol. B.G. Egorov i dr. Moskva, Gos. izd-vo med. lit-ry, 1960. 175 p.
(DNLM)

TRAVEL COSTS

On the "expediters" and traveling allowances. V. Ivanov. Fin. SSSR 22 no. 5:31-34 My '61.

TRAVELING-WAVE TUBES

Calculation of the amplification of a sectionalized traveling-wave tube. A. I. Denisov. Izv. vys. uchob. zav., radiotekh. 4 no. 2:212-215 Mr-Ap '61.

TRAVIN, ALEKSEI BORISOVICH, 1908-1960

In memory of Alekseĭ Borisovich Travin. I. Zvonarev and others. Geol. i geofiz. no. 4:116-119 '61.

TRAWSFYNYDD, ENGLAND—SHIELDING (RADIATION)

Design of the biological shielding of the Trawsfynydd reactor (from "Nuclear Engineering," 6, No. 56, 7, 1961). V. S. Romanenko. Atom. energ. 10 no. 5:537-539 My '61.

TREBUSHANY REGION—SLATE

New deposit of roofing slate in Transcarpathia. L. M. Kudrin. Pyt. razv. prod. syl. L'viv. i Stan. ekon. adm. rai. no. 1:137-139 '60.

TREE BREEDING

Al'benskii, A. V. [Tree breeding and seed production] Selektsiia drevesnykh porod i semenovodstvo. Moskva, Goslesbumizdat, 1959. 305 p.
(DA)

Studying the viability of pollen and stigmas in flowers developing on isolated branches. S. I. Mashkin. Bot. zhur. 45 no. 4:547-551 Ap '60.

TREES

(see also subdivision under Apsheron Peninsula; Azerbaijan; Batum; Kirghizistan)

Effect of certain chemical and hormone and vitamin preparations on the rooting of cuttings and the growth of seedlings and transplants of woody plants [with summary in English]. T. P. Odarych. Ukr. bot. zhur. 18 no. 2:41-51 '61.

Life span of the active roots of trees. L. N. Rakhmeenko. Sbor. nauch. rab. Bel. otd. VBO no. 1:130-137 '59.

Using gibberellin for accelerating the growth of woody plants. D. A. Komissarov. Les. khoz. 14 no. 6:35-38 Je '61.

TREES—DISEASES AND PESTS

Amount of sanitary felling for the control of sponge saprot fungus. S. F. Negrutskii. Izv. vys. uchob. zav., les. zhur. 3 no. 1:162-164 '60.

Study of lepidopteran pests of trees and shrubs in the Lenkoran zone. L. M. Akhundova-Tuaeva. Uch. zap. AGU. Biol. ser. no. 1:37-43 '60.

TREES—ELECTRIC PROPERTIES

Experiment in determining voltage gradients in the tissues of tree species. D. V. Sokolov. Izv. vys. uchob. zav., les. zhur. 3 no. 1:127-129 '60.

TREMOR

Static tremor of the hands in saturnism. B. A. Atchabarov, V. S. Nikulicheva, E. A. Kliuchnikova. Trudy Inst. kraev. pat. AN Kazakh. SSR 8:130-142 '60.

TREPONEMA PALLIDUM

Certain structural characteristics of Treponema pallidum in electron microscopic observations. N. M. Ovchinnikov, D. V. Vtiurin. Vest. derm. i ven. 35 no. 1:48-52 Ag '61.

TRESTLES

Designs and economic aspects of precast-reinforced concrete bin trestles. N. I. Ponomarenko. Prom. stroi. 38 no. 5:29-36 '60.

TRIALS (MURDER) see subdivision under Italy

TRIANGULATION

Accuracy of the position of points in small trilateration systems. O. S. Razumov. Izv. vys. uchob. zav., geod. i aerof. no. 6:7-11 '60.

Adjusting the line between two unfixed points in linear triangulation. K. N. Terpugov. Geod. i kart. no. 1:22-27 Ap '61.

Adjustment of triangulation systems by the use of electronic computers. V. A. Kouglia. Izv. vys. uchob. zav., geod. i aerof. no. 6:69-82 '60.

Allowing for climatological factors in angular measurements of first-order triangulation in cities. N. V. Makovlev. Izv. vys. uchob. zav., geod. i aerof. no. 6:15-21 '60.

Graphic adjustment of triangulation figures with rigid angles. V. L. Kagan. Geod. i kart. no. 1:11-21 Ap '61.

Principle underlying the establishment of a geodetic network on the territory of a hydroelectric power center. T. S. Danilenko. Izv. vys. uchob. zav., geod. i aerof. no. 6:43-44 '60.

TRIANGULATION SIGNAL TOWERS

Effect of the asymmetry of trihedral signals on angular measurements. P. A. Brykin. Geod. i kart. no. 4:7-11 Ap '61.

TRICHINA AND TRICHINOSIS

Clinical aspects of trichinosis. V. I. Kuznetsova. Lech. infekts. bol'., no. 4:285-288 '60.

TRICHODERMA

Using Trichoderma species in the control of plant diseases. L. O. Sergeiev. Nauk. pratsi Ukr. nauk.-dosl. inst. zrosh. zoml. 1:218-223 '59.

TRICHODESMA—TOXICOLOGY

(see also subdivision under Uzbekistan)

Influence of trichodesmotoxicosis on acquired immunity to tuberculosis. E. Sodikov. Sbor. trud. Uz. nauch.-issl. tub. inst. 3:54-57 '57

Study of the phosphorus metabolism of the brain in trichodesmotoxicosis in nontuberculous and tuberculous guinea pigs by means of radioactive phosphorus. E. Sodikov. Sbor. trud. Uz. nauch.-issl. tub. inst. 3:57-61 '57

TRICHOMONAS

Biological activity of combined tinctures of poplar and birch buds [with summary in English]. M. S. Khovanskaia. Antibiotiki 6 no. 1:366-369 Ap '61.

TRICHOMONIASIS

Trichomoniasis in swine. A. V. Cherkasova and others. Uzb. biol. zhur. no. 2:38-42 '61.

TRICKS

The other side of tricks. A. Akopian. IUn. tekh. 5 no. 1:75 Ja '61.

TRIETHYLENE GLYCOL

Triethylene glycol as a selective solvent of aromatic hydrocarbons. I. L. Gurevich, L. IU. Zhake. Khim. i tekh. topl. i masel 6 no. 5:11-14 My '61.

TRIGEMINAL NERVE

Changes in optic chronaxy and the elec[tro] caused by the use of substances acti[ng] nerve endings [with summary in Eng[lish]] tueva, E. F. Potezhaev, A. D. Semeno[v] i med. 49 no. 3:65-69 Mr '60.

TRIPOLI (MINERAL)

Cenomanian tripolis in Bessarabia. Z[.] Sov. geol. 4 no. 3:106-111 Mr '61.

TRITOMA

Tritoma uvaria, a plant for flower bed[s] Biul. Glav. bot. sada no. 38:96-98 '6[0]

TROITSKAIA SERGIEVA LAVRA—HIST

Legal document, dated November 30, [1] Troitskaia Sergieva Monastery. V Old. ruk. no. 21:173-219 '59.

TROLLEY BUSES—CURRENT SUPPLY

Special new parts for trolley contact s[ys] V. Antonov. Zhil.-kom. khoz. 11 no

TROLLEY BUSES—EQUIPMENT AND [PARTS]

Capron parts for trolleys. G. Gordienk[o] 11 no. 2:28-29 F '61.

TROLLEY BUSES—MAINTENANCE AN[D] subdivision under Moscow

TROPICS—METEROLOGY

Meridional aerological section between the tropics of the Southern and Northern Hemispheres. L. A. Zhdanov. Inform. biul. Sov. antark. eksp. no. 22:32-35 '60.

TROPININ, VASILII ANDREEVICH, 1776-1857—BIBLIOGRAPHY see Bibliography—Tropinin, Vasilii Andreevich, 1776-1857

TROUT see subdivision under Kamchatka

TRUBETS'KA, AGNESA PAVLIVNA

She devoted all her creative forces to the training of children. Doshk. vykh. 22 no. 5:10 My '61.

TRUBETSKOI, PAVEL (PAOLO) PETROVICH, 1867-1938

Sculptor Paolo Trubetskoi. Val. Bulgakov. Iskusstvo 24 no. 5:67-69 '61.

TRUCK TRAILERS

Combination semitrailers. V. Riumin, F. Shtutman. Avt. transp. 39 no. 4:42 Ap '61.

TRUSKAVETS—MINERAL WATERS

Treatment of urolithiasis with accompanying diseases of the stomach with mineral waters from the Truskavets Health Resort. M. A. Dudchenko. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 1:50-53 '61.

TRUSSES

Precast prestressed concrete arch trusses with a span of 30 m. composed of linear elements. N. G. Gudenko. Trudy NIIZHB no. 16:116-140 '60.

Prestressed trusses with a span of 24 m. for 12 m. spacing of columns. IU. V. Chinenkov. Trudy NIIZHB no. 16:87-115 '60.

Sectional prestressed concrete trusses with a span of 27 m. A. P. Vasil'ev, N. G. Gudenko. Trudy NIIZHB no. 16:65-86 '60.

Testing a welded joint of the lower chord of a prestressed truss with a span of 30 m. Di TSzin'-Biao [Ti Chin-piao], IU. V. Chinenkov. Trudy NIIZHB no. 16:182-188 '60.

Testing prestressed concrete trusses in a horizontal position. V. A. Belikov. Trudy NIIZHB no. 16:141-149 '60.

Trusses with a span of 36 m. made of linear elements. Stroitel' no. 4:10-11 Ap '61.

Varlamov, A. N., D. F. Kovalevskii, and F. V. Bazhora. [Preparing complete prestressed concrete trusses on the construction site] Izgotovlenie tsel'nykh zhelezobetonnykh predvaritel'no napriazhennykh ferm na stroitel'noi ploshchadke; opyt Glavmosoblstroia. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 28 p.

TRUSSES—STANDARDS

Prestressed-concrete segmented trusses. Biul. stroi. tekh. 18 no. 5:26-31 My '61.

TRUSSES—VIBRATION

Strength analysis and the determination of natural vibration frequencies for a combined two-floor three-span arch system of the type of the river span structure of the Luzhniki Subway Bridge. A. A. Petropavlovskii. Trudy MIIT no. 131:132-159 '61.

TRUSTS, INDUSTRIAL—LAW see subdivision under United States

TRYPANOSOMIASIS

Clinical and experimental investigation on the effect of lyophilized Trypanosoma cruzi extracts on certain forms of cancer. J. Coudert. Antibiotiki 6 no. 2:99-105 F '61.

Inhibition of the succinic oxidase reaction from Try[p]

LAVETROV, MIKHAIL ALEKSEEVICH, 1875-1960

Mikhail Alekseevich Levetrov, obituary. [illegible] Probl.tub. 39 no.6:[illegible] '61

TUBERCULIN

Influence of tuberculin on the permeability of cells and tissues in tuberculous animals. B.A.Alimov. [illegible] trud. [illegible] nauch.-issl. tub. inst. [illegible] '58

Method for intracutaneous skin tests. A.IA.Khatlin. Probl.tub. 39 no.[illegible]:104-106 '61

TUBERCULOSIS

(see also subdivision under Crimea, Elektrostal', Sverdlovsk, Tajikistan, Uzbekistan)

Absorption and excretion of an aerosol of phthivazid. [illegible] Trud. [illegible] nauch. issl. tub. inst. [illegible]

Akademiia meditsinskikh nauk SSSR. Institut tuberkuleza. Tuberkulez; rukovodstvo dlia vrachei. [Tuberculosis; manual for physicians] [illegible] Medgiz, 1959. 407 p. (DNLM)

Amount of [illegible] in the urine of patients with tuberculosis of the lungs and diabetes mellitus [illegible] Probl. endok. i gorm. 7 no.[illegible] Mr-Ap '61

Amyloidosis of the internal organs in pulmonary tuberculosis [with summary in French]. M.G.Safonov, [illegible] Probl.tub. 38 no.[illegible] '60.

Antibacterial and immunological treatment of tuberculosis. Sh.A.Alimov. [illegible] trud. [illegible] nauch.-issl. tub. inst. [illegible] '57

Antibacterial therapy of patients with "fresh" forms of pulmonary tuberculosis under clinical conditions. [illegible], P.A.Al'bitskaia. Probl.tub. 38 no.1:46-51 '60.

Ascorbic acid content of pleural exudate in patients with pulmonary tuberculosis. [illegible] Zdrav. Belor. [illegible] no.4:35-37 Ap '60.

Basic tasks in the prevention and treatment of tuberculosis. [illegible] Probl.tub. 38 no.1:3-10 '60.

Blood protein fractions in immunological and drug therapy. [illegible] trud. [illegible] nauch. issl. tub. inst. [illegible] '57

Cancer of the larynx in pulmonary tuberculosis. [illegible] Probl.tub. [illegible] '61

Case of recurrent spontaneous pneumothorax in a patient with disseminated pulmonary tuberculosis. [illegible] Probl.tub. 39 no.[illegible] '61

Clinical aspects and treatment of recurrent and exacerbated pulmonary tuberculosis after terminated effective pneumothorax. V.N.Abramovich. Probl.tub. 38 no.1:56-62 '60.

Clinical evaluation of the healing process in a tuberculous cavity [with summary in French]. V.I.[illegible] Probl. tub. 38 no.3:16-21 '60.

Closed cavities during prolonged antibacterial therapy under infirmary conditions. Ch.G.Purtsvanidze, V.L.Tapanova. Probl.tub. 38 no.4:11-16 '60

Comparative evaluation of certain features of the organism in pulmonary tuberculosis, based on data on the trypan blue skin test, erythrocyte sedimentation reaction, and the determination of lymphocytes and monocytes. [illegible] Probl.tub. 38 no.1:77-83 '60.

Comparative evaluation of dry purified tuberculin prepared by the Leningrad Institute of Vaccines and Sera and old Koch tuberculin. [illegible] Probl.tub. 39 no.1:57-61 '61

Concentration of cycloserine in the blood and its excretion. Preliminary report [with summary in French]. [illegible] M.A.[illegible] Probl.tub. 38 no.3:89-91 '60.

Condition of the sympathetic nervous system and muscular efficiency during a prolonged period following removal of the lung in tuberculosis [with summary in French]. V.P.Gorny. Probl.tub. 38 no.3:83-88 '60.

Course of left ventricular aneurysm in a patient with pulmonary tuberculosis. [illegible] Klin.med. 39 no.5:124-125 My '61.

Course of pulmonary tuberculosis in trichomoniasis. Sh.A.Alimov. [illegible] trud. [illegible] nauch.-issl. tub. inst. 3:47-51 '57

Care of tuberculous patients. V.I.[illegible] Probl. tub. 39 no.[illegible] '61.

Determination of streptomycin sensitivity in patients with tuberculosis by an intradermal test with this preparation. M.I.Medvedova. Probl.tub. 38 no.3:115-117 '60.

Development of cavitary pulmonary tuberculosis in an adolescent. N.Kh.Bandrovskaia, [illegible] Probl. tub. 39 no.1:99-101 '61

"Diabetes and tuberculosis" by E. Brasner [in German]. Reviewed by A.E.Rabukhin. Probl.tub. 38 no.3:122-123 '60.

Disorders of protein and carbohydrate metabolism in pulmonary tuberculosis as an index of exacerbation and subsidence of the disease. N.M.Rudoi. Probl.tub. 38 no.4:70-77 '60.

Disorders of respiratory and circulatory function in chronic fibrous cavernous pulmonary tuberculosis and their pathogenesis [with summary in French]. [illegible] and others. Probl.tub. 38 no.1:75-81 '60

Dynamics of the tuberculous process in patients transferred to the third group of dispensary registration [with summary in French]. [illegible] Probl.tub. 38 no.3:[illegible] '60

Effect of antibacterial therapy of blood catalase in patients with tuberculosis. [illegible] Probl.tub. 38 no.1:[illegible] '60.

Effect of experimental tuberculosis [illegible] of the pancreas. [illegible] Probl.tub. [illegible] '61

Effect of vitamin B_1 on the course of experimental tuberculosis. [illegible] Metab. [illegible] '60

Effectiveness of prolonged antibacterial therapy in the treatment of pulmonary tuberculosis in pregnant women. Z.N.[illegible] Probl.tub. [illegible] '60.

Experimental study of the effect of [illegible] "[illegible]" form of allergic reaction to tuberculin [illegible] [illegible] Probl.tub. [illegible] '60

Healing processes in pulmonary tuberculosis under combined treatment with pneumothorax and antibacterial preparations. [illegible] Probl.tub. 38 no.1:[illegible] '60

Immediate results of antibacterial therapy and [illegible] novocaine block in pulmonary tuberculosis patients. [illegible] '57

Immediate therapeutic effect from the drug [illegible] [illegible] trud. [illegible] '57

Influence of treatment with cycloserine on vitamin B_6 and nicotinic acid metabolism [with summary in French]. V.D.[illegible] Probl.tub. 38 no.3:[illegible] '60.

Influence [illegible] for pulmonary tuberculosis. [illegible] Ap '61

Leningrad [illegible] nauchno-issledovatel'skii institut. [Transactions of the Leningrad Tuberculosis Research Institute; problems in the clinical aspects of tuberculosis] Voprosy kliniki tuberkuleza. [illegible] 1960. [illegible] p. (DNLM)

Methods in the treatment of pulmonary tuberculosis. [illegible] '57

Morphological analysis of the effect of [illegible] on experimental tuberculosis [with summary in English]. [illegible] Ap '60.

Morphology of the liver in some forms of pulmonary tuberculosis treated with antibacterial drugs. [illegible] '57

Nurses in the control of tuberculosis. [illegible] '61

Neelin, [illegible] [Expert evaluation of work capacity and work organization of pulmonary tuberculosis patients; manual for phthisiologists and disability evaluators] [illegible] Minsk [illegible] 1960. 169 p.

Pathogenesis of [illegible] pathology in pulmonary tuberculosis. [illegible] '57

Pathogenesis of pathological [illegible] in the kidneys in pulmonary tuberculosis. [illegible]

Peripheral novocaine block in the treatment of pulmonary tuberculosis [with summary in French]. [illegible] Probl.tub. 38 no.[illegible] '60.

Problem of "tuberculosis and pregnancy." [illegible] Ped., akush. i gin. 24 no.4:[illegible] '60.

Protein fractions and lipoproteins in the blood serum in pulmonary tuberculosis [with summary in French]. R.A.Ioffe. Probl.tub. 38 no.3:[illegible] '60.

Pseudotumoral forms of bronchial tuberculosis [with summary in French]. [illegible] Probl.tub. 38 no.3:[illegible] '60.

Results of further observations on the therapeutic effectiveness of phthivazid. [illegible] '57

Role of allergy in the appearance of tuberculous cavities of the lung in [illegible] Probl.tub. [illegible] '61

Role of tuberculous intoxication in the development of anemia [with summary in French]. N.N.Kolotova, V.V.Pulalof. Probl.tub. 38 no.3:45-50 '60.

Study of hemodynamics in the clinical aspects of pulmonary tuberculosis [with summary in French]. [illegible] Probl.tub. 38 no.3:30-34 '60.

[illegible]

Surgical treatment of [illegible] [illegible]

[illegible]

Tracheobronchoscopy [illegible] dispensary. [illegible] '60

[illegible]

Vitamin B_{12} [illegible]

Vitamin B_{12} metabolism in tuberculosis patients [illegible]

TUBERCULOSIS, HOSPITALS AND SANATORIUMS

[illegible]

TUBERCULOSIS - PREVENTION

(See also subdivision under [illegible])

[illegible]

Measures for further improvement [illegible] and in the protection of the public health. [illegible] Probl.tub. 38 no.[illegible]

Preventive [illegible]

TUBERCULOSIS IN ANIMALS

[illegible]

Microbiological [illegible]

TUGRAVA[illegible]

Letter to the editor. [illegible] My '61

TULA PROVINCE - AGRICULTURE

Boiarchev, V.V. [illegible] Tul'skoe knizhnoe izd-vo, 1960. 15 p. (DA)

TULA PROVINCE - ARCHIVES

[illegible] no.3:219 '60.

TULA PROVINCE - COOPERATIVE SOCIETIES

First steps of the [illegible] cooperative [illegible] G.Repin. Sov.potreb.koop. [illegible] no.4:44 Ap '[illegible]

TULA PROVINCE - FEED

Accounting for feed procurement. A.M.[illegible] [illegible] 10 [illegible]

TULA PROVINCE - PUBLIC HEALTH

For a wider involvement of the people in the [illegible] for a healthy life. G.Zaitsin, O.[illegible] 29 no.4:19-21 Ap '60.

TULA PROVINCE - SCHOOL SUPERVISION, ELEMENTARY

Seminar for inspectors. I.M.Skripkina. [illegible] 34 no.6:17-18 My '61.

TULAREMIA

Combination of hemorrhagic fever with tularemia. [illegible] Bolezni [illegible] no.4:379-380

Problem of features of the morphology of [illegible] infection in acute [illegible] [with summary in English]. V.V.[illegible], A.[illegible] Arkh.patol. 22 no.3:[illegible] Mr '60

TULAREMIA (Continued)
Therapeutic effect of monomycin in experimental tularemia [with summary in English] E. M. TSvetkova Antibiotiki 6 no. 4 327-330 Ap '61

TUMANSKII, ALEKSEI KONSTANTINOVICH
For the rest of my life. A. Tumanskii Sov. voin. 41 no. 6 12 Mr '60

TUMORS
(see also subdivision under Tomsk)
Antigenic structure of Rous sarcoma. Report No. 2 Viral and tissue antigens of Rous sarcoma [with summary in English]. A. I. Gusev Biul. eksp. biol. i med. 50 no. 7 70-74 Jl '60.
Bibliography of Russian scientific literature oncology published during 1958 S. G. Lifshits Vop. onk. 7 no. 2:121-126 '61.
Causes of noneffectiveness of aminoethylisothiouronium following irradiation of the cells of various tumors E. N. Tolkacheva, N. I. Shapiro Vop. onk. 7 no. 3 68-72 '61
Changes in the functional condition of hemoglobin in malignant and benign growth in the human organism. S. E. Krasovitskaia and others. Pat. fiziol. i eksp. terap. 5 no. 2 61-62 Mr-Ap '61.
Combined form of neurofibromatosis P. M. Panchenko, P. IA. Baiglei, T. T. Ivanova Vop. neirokhir. 25 no. 3 53-56 My-Je '61
Comparative study of the influence of X-rays, cortisone, alkylating agents and 9,10-dimethyl-1, 2-benzathracene on the growth heterologous tumors [with summary in English]. IU. M. Vasil'ev, A. M. Garin Pat. fiziol. i eksp. terap. 5 no. 2:10-13 Mr-Ap '61.
Comparative study of the reactivity of the chorion-allantois and the body of the embryo B. M. Menkes Arkh. anat. gist. i embr. 36 no. 4 72-76 Ap '60
Comparative study on the antigenic structure of tumor and homologous normal cells. Report No. 1: Immunobiological characteristics of desoxyribonucleoproteins isolated from Guerin's carcinoma and normal uterus in rats [with summary in English]. M. S. Lomakin, IU. F. Malina. Biul. eksp. biol. i med. 51 no. 3 88-93 Mr '61.
Correlation between the active concentration of labeled amino acids by cells and their inclusion in the proteins of tumors and normal tissues of experimental animals in vitro [with summary in English]. K. A. Perevoshchikova. Biul. eksp. biol. i med. 49 no. 2 73-77 F '60.
Current status and future prospects in the study of the virus etiology of tumors A. D. Timofeevskii Vest. AMN SSSR 15 no. 4 17-29 '60
DPN-diaphorase, TPN-diaphorase, and succinic dehydrogenase in precancerous and cancerous tissues; histochemical studies. N. T. Ratkhlin Vop. onk. 7 no. 3 41-48 '61
Distribution of sarcolysin-C^{14} in the body of rats with sarcoma 45 and with a drug-resistant variant of this tumor M. A. Novikova, Vop. onk. 7 no. 3:48-56 '61.
Early morphological changes in the connective tissue around cellophane film implants in rats [with summary in English]. L. V. Ol'shevskaia. Biul. eksp. biol. i med. 51 no. 3 116-120 Mr '61.
Effect of sarcolysin and dopan on the biosynthesis of pyrimidines of nucleic acid in transplanted tumors and tissues of the recipient organism [with summary in English]. S. IA. Davydova, M. B. Sapozhnikova. Biul. eksp. biol. i med. 49 no. 3 89-93 Mr '60.
Effect of sarcolysin on regeneration in amphibia and on tumors in mice under light hypothermia [with summary in English]. E. Ch. Pukhal'skaia. Biul. eksp. biol. i med. 49 no. 3:97-101 Mr '60.
Ethylene, an endogenous substance in tumor carriers [with summary in English] M. T. Kokonov Vop. med. khim. 6 no. 2 160-165 Mr-Ap '60.
Immunogenic properties of explants of Brown-Pearce rabbit tumor cultivated on human serum [with summary in English]. M. S. Lomakin. Biul. eksp. biol. i med. 49 no. 2:102-106 F '60.
Immunological properties of certain fractions of Ehrlich's adenocarcinoma in mice. Report No. 1: Studying the antigen composition of tumor fractions by anaphylaxis with desensitization [with summary in English]. I. S. Bashkaev. Biul. eksp. biol. i med. 49 no. 3:93-97 Mr '60.
Investigation of pathological γ-globulin isolated from the blood serum in a case of multiple myeloma [with summary in English]. IU. A. Khavkin, G. S. Levin Vop. med. khim. 6 no. 2 102-107 Mr-Ap '60
Isolation of passage of an acellular leukemic agent from Ehrlich tumor. Vop. onk. 7 no. 2:19-26 '61.
Presence of a heterogenic antigen in Crocker's sarcoma [with summary in English]. T. P. Konstantinova. Biul. eksp. biol. i med. 49 no. 3:85-89 Mr '60.
Principles of chemotherapy in oncology. L. F. Larionov. Vest. AMN SSSR 15 no. 4-29-36 '60.
Production of Jensen's sarcoma clones (single-cell tumors) [with summary in English]. L. F. Sharlikova, U. Min'. Biul. eksp. biol. i med. 51 no. 3:85-88 Mr '61.
Regional fractional method for the administration of sarcolysin in various primary tumors. E. I. Khomchenovskii. Vop. onk. 7 no. 3,56-63 '61.
Splenin, its biological and medical properties. V. P. Komissarenko. Probl. endok. i gorm. 7 no. 2:104-117 Mr-Ap '61.
Transamination of dicarboxylic amino acids and their amides in the cholangioma of rats and hepatoma of mice [with summary in English]. T. T. Berezov. Biokhimiia 26 no. 2 310-314 Mr-Ap '61.
Thrombokinase activity of the tissues in various endocrine disorders and tumor growths [with summary in English] M. A. Okolova, G. A. Leont'eva Biul. eksp. biol. i med. 49 no. 3 26-30 Mr '60.
Tumors induced in Lagurus lagurus Pall. by methylcholanthrene A transplantable strain of sarcoma in Lagurus N. I. Bolonina Biul. eksp. biol. i med. 49 no. 2 99-101 F '60

TUMORS—BIBLIOGRAPHY see Bibliography—Tumors

TUMORS—INNERVATION
Innervation of viral papilloma of rabbits [with summary in English] A. D. Nadareishvili. Biul. eksp. biol. i med. 50 no. 7:91-99 Jl '60.

TUMORS—TRANSPLANTATION
Comparative investigation of the action of preparations from the chloroethylamine and ethyleneimine groups on experimental homo- and heterotransplanted tumors [with summary in English] A. M. Garin. Biul. eksp. biol. i med. 50 no. 7:74-78 Jl '60
Effect of prolonged preservation in the frozen state on the growth, metastatic properties, and strain specificity of transplanted tumors N. S. Kiseleva Vop. onk. 7 no. 2,27-32 '61.
Recent data on heterotransplantation of malignant tumors. IU. M. Vasil'ev, A. M. Garin Vop. onk. 7 no. 2,92-109 '61
Transplantation of experimental sarcoma from Citellus maximus Z. IA. Belogrudova. Vop. onk. 7 no. 3:75-79 '61.

TUNGSTEN
Adsorption, migration, and evaporation of cadmium on tungsten I. L. Sokol'skaia Fiz. tver. tela 3 no. 3 789-795 Mr '61
Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut mineral'nogo syr'ia. [Industry's requirements as to the quality of mineral raw materials, handbook for geologists] Trebovaniia promyshlennosti k kachestvu mineral'nogo syr'ia; spravochnik dlia geologov. Izd. 2., pererab. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr.
No. 43. Butkevich, T. V. [Tungsten] Vol'fram. Nauchn. red. I. S. Stepanov, 1960. 61 p.
Removal of tungsten and certain other impurity elements from molybdenum trioxide. A. N. Zelikman, O. E. Krein, N. N. Gorovits. Zhur. prikl. khim. 34 no. 3:679-682 Mr '61.
Use of powder tungsten in the production of powder wire for automatic hard facing. N. A. Mal'tsev. Avtom. svar. 14 no. 6 50-57 Je '61.

TUNGSTEN—HARDENING
Investigating reaction diffusion in systems metal - mixed gas. Part 6. System tungsten - carbon - nitrogen. A. F. Gerasimov, V. N. Konev, N. F. Timofeeva. Fiz. met. i metalloved. 11 no. 4:590-600 Ap '61.

TUNGSTEN CARBIDES
Changes of the temperature factor in line intensity during the dissolution of tungsten carbide in cobalt. A. E. Koval'skii, L. Kh. Pivovarov. Fiz. met. i metalloved. 9 no. 4 626-627 Ap '60.

TUNGSTEN-NIOBIUM ALLOYS—METALLOGRAPHY
High-temperature oxidation of high-melting alloys. Part 3: Tungsten-niobium alloys. R. F. Voitovich Fiz. met. i metalloved. 11 no. 2,220-224 F '61

TUNGSTEN-RHENIUM ALLOYS—TESTING
Physicomechanical properties of tungsten-rhenium alloys. E. M. Savitskii and others. Trudy Inst. met. no. 4:214-229 '60.

TUNGUSKA, PODKAMENNAYA see Podkamennaya Tunguska

TUNGUSKA BASIN—COAL MINES AND MINING
Use of the chamber-and-pillar method in the Mine No. 11 of the Noril'sk deposit. M. I. Novikov, V. A. Golutvin. Ugol' 36 no. 3:7-10 Mr '61.

TUNISIA—POLITICS AND GOVERNMENT
Independence Day of Tunisia. Uzbekistan 19 no. 3:27 Mr '60.

TUNNELING
(see also subdivision under Kirovgrad region)
Choice of a plan for freezing during the construction of drifts. S. A. Marshak Izv. vys. ucheb. zav., gor. zhur. no. 2, 36-40 '60.
High-speed drifting at the Liebknecht Mine. N. I. Kamanov, N. F. Kuprik, G. O. Kunets Gor. zhur. no. 3 33-35 Mr '60.
Inclined tunnel driving at the rate of 200.5 m. a month. A. G. Onoprienko, IU. I. Mikhailov. Gor. zhur. no. 3: 32-33 Mr '60.

TUNNELS
Design of circular tunnel linings on a flexible foundation characterized by two coefficients of the bed. N. N. Shaposhnikov. Trudy MIIT no. 131:296-305 '61.
"Design of tunnel linings" by M. A. Arkhangel'skii, D. I. Dzhincharadze, A. S. Kurlenko Reviewed by N. IA. Vainshtein, V. M. Mostkov Transp. stroi. 11 no. 4 58-59 Ap '61
Experimental determination of rock pressure in tunnels. G. G. Zurabov Izv. VNIIG 64 57-84 '60
Laying blocks of a rigid foundation directly from the operating deck Transp. stroi. 11 no. 4 53 Ap '61
Shortening the time before removing forms in casting a solid concrete tunnel lining A. V. Satalkin Bet. i zhel.-bet. no. 3 129-132 Mr '61
Useful book ("Design of tunnel linings" by M. A. Arkhangel'skii, D. I. Dzhincharadze, A. S. Kurlenko) Reviewed by IA. S. Fain Transp. stroi. 11 no. 4 58 Ap '61

TURBINES
Effect of the diameter of the entrance section and wicket gates on the nature of the flow in concrete spiral casing R. A. Karapetian Izv. VNIIG 61 141-153 '60
Moment of resistance encountered by a rotating disc in a closed casing. V. S. Sedach. Izv. vys. ucheb. zav., energ. 4 no. 4:66-74 Ap '61.
Velocity of a drop of condensate in the axial gap of a turbine stage. I. P. Faddeev. Izv. vys. ucheb. zav., energ. 4 no. 4:75-79 Ap '61.

TURBINES—DESIGN AND CONSTRUCTION see subdivision under Leningrad

TURBINES—LUBRICATION
Stabilization of turbine oils under operating conditions R. I. Dashkina and others Elek. sta. 31 no. 12 41-44 D '60.

TURBOBLOWERS
Automatic control of the operation of air turboblowers. E. P. Paniushkin. Gidroliz. i lesokhim. prom. 14 no. 4 25 '61.

TURBOGENERATORS
Balancing of the generator rotor and measurement of the vibration of the rotor shaft A. M. Lysogorov, B. M. Mittel'man Elek. sta. 32 no. 5 81-82 My '61
Redesigning of the crossarm cotter pins of generator brush holders. V. F. Steshenko. Energetik 9 no. 5:27 My '61.

TURBOGENERATORS—MAINTENANCE AND REPAIR
Review of I. A. Mirenburg's book "Repair of turbogenerator rotors under stationary conditions" O. S. Golodnova. Elek. sta. 31 no. 12 88 D '60

TURBOMACHINES
Turbocouplings in the drive of mine conveyors. V. M. Levenshtein, L. G. Shakhmeister. Nauch. rab. stud. GNSO MGI no. 7 118-140 '59.

TURBOMACHINES—AERODYNAMICS
Multiple-valued solution of the problem of the configuration of the flow in an axial-flow turbomachine. V. N. Ershov. Izv. vys. ucheb. zav., av. tekh. 3 no. 2:69-87 '60

TURBULENCE
New device for measuring the degree of turbulence in channels carrying silt I. K. Nikitin Izv. AN Uz. SSR no. 7,45-56 '56.
Statistical dynamics of an incompressible turbulent fluid B. I. Davydov. Dokl. AN SSSR 136 no. 1:47-50 Ja '61
Turbulent fluid flow IA. I. Fogel'. Izv. vys. ucheb. zav.; av. tekh. 3 no. 2:105-109 '60.

TURGAY BASIN—COAL GEOLOGY
History of the lower Mesozoic coal accumulation in the Turgay Basin E. I. Tarakanova Trudy Geol.-geol. inst. UFAN SSSR no. 32:267-279 '59

TURGAY GATES—MAGNETITI
Coliform formation of the ore Kurzhunkul' iron ore deposi A. M. Dymkin, G. A. Sokolov. '61.

TURGENEV, IVAN SERGEEVIC
Goethe's "Faust" as appraise Tokarev Vest. Mosk. un. S 65-74 Ja-F '61.
Ivan Sergeevich Turgenev. 1 1 no. 4:35-38 Ap '61.

TURIN—EXHIBITIONS
"Man at work." G. Rakitin. 4 no. 5:7 My '61.
Soviet pavilion at the Internati P. Vorob'ev. Bezop. truda v '61.

TURKESTAN—ALLIED INTER
The English armed interventi region, 1918. T. A. Naizags 47:27-37 '60.

TURKESTAN—DESERT FLORA
Rodin, L. E. [Dynamics of de of western Turkmenia] Dinam na primere zapadnoi Turkm Akad. nauk SSSR, 1961. 227

TURKESTAN—REVOLUTION, 1917-1921

Present-day English and American bourgeois studies on the Great October Revolution and the civil war in Turkestan G. A Khidoiatov. Ist SSSR 5 no 3 198-219 My-Je '61

Some shortcomings in a book on the history of the Turkestan Military District ("Battle history of the armies of the Turkestan Military District. Reviewed by V. Obukhov and others. Voen.-ist. zhur. 3 no.5: 122-126 My '61.

TURKEY—ETHNOLOGY

Study of ethnology in modern Turkey. D. Eremeev. Sov. etn. no 2 151-157 Mr-Ap '60.

TURKEY—LAND TENURE

Feudal relations and the state of the peasantry in Turkey during the second half of the 15th century A D. Novichev. Uch. zap LGU no 294: 123-146 '61

TURKEY—PEASANTRY

Feudal relations and the state of the peasantry in Turkey during the second half of the 15th century A. D. Novichev Uch zap LGU no. 294:123-146 '61.

TURKEY—POLITICS AND GOVERNMENT

Trial on Yassiada. Kh. Grigor'ev Mezhdunar. zhizn' 8 no 6 122-123 Je '61.

TURKMENISTAN—GAS, NATURAL—GEOLOGY

Trends in geological and geophysical prospecting for oil and gas in the Gaurdak-Kerki area. R.E Aizberg, M. M. Germanuk, N.N. Kamyshev Geol nefti i gaza 4 no.4:13-15 Ap '60.

TURKMENISTAN—GEOLOGY, STRATIGRAPHIC

Absolute age of the clastic part of sandy silt deposits in the southwestern part of Central Asia. A. B Vistelius, A IA. Krylov. Dokl. AN SSSR 136 no. 2 422-425 My '61.

Age of the Trans-Unguz series of Turmenistan A I. Zhivotovskaia, G F Shneider Dokl AN SSSR 138 no. 4,895-896 Je '61

TURKMENISTAN—GEOLOGY, STRUCTURAL

Using seismic prospecting for studying the subsurface structure of the southeastern Turkmenistan D. M. Mil'shtein. Geol. nefti i gaza 4 no 4:16-20 Ap '60.

TURKMENISTAN—LABOR SERVICE

First volunteer Saturday work in Turkmenistan (1919-1920). R A Nurullin. Izv. AN Uz SSR no 9 67-75 '56

TURKMENISTAN—OIL FIELD BRINES

Geothermal conditions in the western Turkmen artesian basin, applicable to the solution of several problems relating to hydrogeology and the occurrence of oil and gas. S.S. Dzhibuti Izv. AN SSSR. Ser. geol. 26 no.5: 95-100 My '61.

TURKMENISTAN—PETROLEUM GEOLOGY

Trends in geological and geophysical prospecting for oil and gas in the Gaurdak-Kerki area. R.E. Aizberg, M M. Germaniuk, N.N. Kamyshev Geol nefti i gaza 4 no. 4 13-15 Ap '60.

TURKMENISTAN—REVOLUTION, 1917-1921

"Alliance of Russian workers and the rural toilers of Turkmenistan during the Great October Socialist Revolution and the civil war, from 1917 to 1920" by E N Kuprikova. Reviewed by G. V Kuznetsova Ist. SSSR 5 no. 2:190-191 Mr-Ap '61.

TURKMENISTAN—SEISMIC PROSPECTING

Using seismic prospecting for studying the subsurface structure of the southeastern Turkmenistan D. M Mil'shtein. Geol. nefti i gaza 4 no. 4:16-20 Ap '60.

TURKMENISTAN—STATISTICS

Several suggestions for the further improvements of work in statistical organs. V. Sinitin Vest stat. no 5:70-72 '61.

TURKMENISTAN—SYPHILIS

Elimination of syphilis in Turkmenia. IU. N. Zaitsev, Zdrav. Turk 5 no 2:31-35 Mr-Ap '61.

TURKS

Ginzburg, V. V. [Craniological materials from Northern Kazakhstan and the problem of the origin of the early Turkic nomads] Kraniologicheskie materialy iz Severnogo Kazakhstana i vopros o proiskhozdenii rannikh tiurkskikh kochevnikov. [n.p.] 1960. 17 p. [Parallel texts in Russian and French.]

TURNING

Device for turning bushings. A. Pleshakov. Sel'mekh. no. 5:29 '61.

Equation of the angle of the coming off of chips in turning with cutting tools having an additional cutting edge. R. M. Sagatelian. Sbor. nauch. trud. ERPI no. 20:3-11 '59.

TURNOVER (BUSINESS)

Let's fulfill the turnover plan Sov. torg 34 no 5 3-4 My '61

TURPENTINING

Experience in tapping the Siberian larch (Larix sibirica). V. F. Bedenko. Gidroliz. i lesokhim. prom. 14 no. 4: 13-14 '61.

Inclusion of larch in terpentining. G. V. Nazarov. Gidroliz. i lesokhim. prom. 14 no. 4:11-13 '61.

Pine tree tapping with renewed streak blazing. L. T. Drushchenko. Gidroliz. i lesokhim. prom. 14 no. 4 24 '61.

Tapping of ripening pine trees. B. I. Gavrilov. Gidroliz. i lesokhim. prom. 14 no. 4 14-16 '61.

Tree tapping with the use of lime chloride. V. P. Kamelin. Gidroliz. i lesokhim. prom. 14 no. 4:26-28 '61.

Using the chemical action in the tapping of tar-impregnated wood. M. A. Sinelobov, S. A. Samoilova, V. V. Serokhvostov. Gidroliz. i lesokhim. prom. 14 no. 4. 16-17 '61.

TURPENTINING—CONGRESSES

Conference on the coordination of the methods of tree tapping. G. Romanovskii. Gidroliz. i lesokhim. prom. 14 no. 4:28 '61.

Scientific and technical conference of terpentining workers. Gidroliz. i lesokhim. prom. 14 no. 4 29-30 '61.

TURSUN-ZADE, MIRZO, 1911-

Osmanova, Z. G. [Mirzo Tursun-zade, a sketch of his works] Mirzo Tursun-zade; ocherk tvorchestva. Moskva, Izd-vo "Znanie," 1961. 29 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6, Literatura i iskusstvo, no. 8)

TUSHIN, GURII, 15th cent.

The manuscript works and social-political views of Gurii Tushin N A Kazakova Trudy ODRL 17 189-200 '61

TUVA AUTONOMOUS PROVINCE—AGRICULTURE—ACCOUNTING

Brief news. E K. Piotrovskii Uchet i fin v kolkhoz. i sovkhoz 18 no. 5 61 My '61.

TUVA AUTONOMOUS PROVINCE—HIGHWAY TRANSPORT WORKERS

Preparing for the 22d Congress of the CPSU. Avt. transp. 39 no. 5:54 My '61.

TUVA AUTONOMOUS PROVINCE—QUARTZITES

Lower Cambrian iron quartzites in Tuva. S. V. Potapov. Sov. geol. 4 no. 3:113-114 Mr '61.

New data on the genesis of ferruginous quartzites in Tuva. B. N. Lapin. Geol. i geofiz. no. 1:110-113 '61.

TUWIM, JULIAN, 1894-1953

Road to the people' on Julian Tuwim and his work "Flowers of Poland." M. Zhivov. Pisat. str. nar. dem. no. 4:174-235 '60.

TUYMAZY REGION—OIL FIELDS—PRODUCTION METHODS

Present status of the development of the Tuymazy field. N. G. Ustinov, E. S. Dorofeeva, A P Anpilogov. Geol. nefti i gaza 4 no. 1 29-33 Ap '60.

TVARDOVSKII, ALEKSANDR TRIFONOVICH, 1910-

Distinguished poet of modern life. N. Rylenkov. V mire knig 1 no. 2:24-25 F '61.

For the sake of life on earth (to be continued). S. Marshak Znamia 31 no. 5:201-213 My '61.

TVER PRINCIPALITY—HISTORY—SOURCES

Two collections of manuscripts which contain some chronological material on the Tver Principality. V. A Kuchkin. Probl. istoch. no. 9,341-349 '61.

TWO BODIES, PROBLEM OF see Problem of two bodies

2, 4-D

Chemical treatment of underbrush along the electric power transmission lines in the Urals. M. I. Fominykh. Energetik 9 no. 5:32-36 My '61.

Use of 2, 4-D for clearing underbrush along electric power transmission lines. Z. E. Kozhanova. Energetik 9 no. 5:28-32 My '61.

TYACHEV DISTRICT—RURAL CONDITIONS

High standard of living in the village of Dobryanskoye. F. Prokopenko Ukraina no. 8-17 Ap '60.

TYACHEV DISTRICT—SONGS, UKRAINIAN

Songs born of struggle. IU. Sukhan. Nar. tvorch. ta etn. 5 no. 1:155-156 Ja-F '61.

TYCHYNA, PAVLO HRYHOROVYCH, 1891-

P. H. Tychyna on folk singers. F. I. Lavrov. Nar. tvorch. ta etn. 5 no. 1:63-66 Ja-F '61.

Popular aphorisms in T. H. Tychyna's poetic works. M. P. Lizhdvoi. Nar tvorch ta etn 5 no 1, 58-62 Ja-F '61.

To P. H. Tychyna, the renowned bard of friendship among peoples. Nar. tvorch. ta etn. 5 no. 1:3-4 Ja-F '61.

TYMPANIC MEMBRANE—WOUNDS AND INJURIES

Possibility of conservative treatment of central perforations of the tympanic membrane (from "Ceskoslov. otolar.," 8, no 4, 1959) Zhur. ush., nos i gor. bol 20 no 1 90 Ja-F '60

TYPE AND TYPE FOUNDING

Nickel plating type-metal stereotypes in an ultrasonic field. IU. M Bystrov and others. Poligr. proizv. no. 4 13-15 Ap '61

Using solid nickel to plate stereotypes R F Komissarova, L. I Loshakova, Poligr proizv no 1 17-18 Ap '61

TYPEWRITERS

Analyzing the construction of the typing mechanisms of typewriters A. S. Nemkevich. Izv. vys. ucheb. zav., mashinostr no 1 24-29 '60

TYPHOID FEVER

Biomycin in the treatment and prevention of complications in the urinary organs of patients with typhoid and paratyphoid infections. A. S. Bogdanova. Lech. infekts. bol', no. 4:105-113 '60.

Change in the serotonin content of the blood and organs of rabbits following typhoid intoxication [with summary in English]. Z. A. Popenenkova. Biul. eksp biol i med. 51 no 2 32-36 F '61.

Clinical aspects, diagnosis, and treatment of present-day typhoid fever. G. P. Rudnev. Lech. infekts bol', no. 4: 95-101 '60.

Determination of the sensitivity of typhoid fever bacteria to antibiotics in prescribing effective treatment for typhoid fever. S. A. Kurina, T. I. Solovtsova, IA. V. Verenchikova. Lech. infekts. bol' no. 3 166-173 '57.

Determination of the threshold of stimulation of the skin receptors by dysentery and typhoid antigens [with summary in English]. A. N. Gordienko and others. Biul. eksp biol. i med. 49 no. 3 76-80 Mr '60.

Dynamics of the blood protein fractions in typhoid fever in children F Kh Nazarmykhamedov. Med zhur. Uzb no 3 37-42 Mr '61

Dynamics of Vi-, O and H-agglutination in patients with typhoid fever treated with antibiotics [with summary in English]. A. IA. Ukhov. Antibiotiki 6 no 4 331-336 Ap '61.

Effect of antibiotic allergy on Widal reaction titers [with summary in English]. V I. Pokrovskii, IU M Mikhailova. Antibiotiki 6 no 2,138-141 F '61

Effect of antibiotic therapy on the clinical course and immunological reactivity of the organism of patients with typhoid and paratyphoid fevers [with summary in English]. M M. Koden and others Antibiotiki 6 no. 1 50-54 Ja '61.

Methods in antibiotic therapy for typhoid fever. T. I. Solovtsova. Lech. infekts. bol', no. 4:114-125 '60.

Side effects following the treatment of typhus fever patients with antibiotics. A. V. Eremenko. Lech. infekts. bol', no. 4:144-163 '60.

Side effects of synthomycin in the treatment of typhoid fever. A. S. Bogdanova. Lech. infekts. bol', no. 3 156-165 '57.

Significance of phage typing of typhoid fever bacteria in epidemiological practice A. V Vasil'eva, E G Stepanian, K. V. Moleva. Zdrav. Turk 5 no 2:10-12 Mr-Ap '61

Treatment of candidomycosis in typhoid fever patients. A S. Ermina Zdrav. Turk 5 no. 2:36-38 Mr-Ap '61.

Treatment of typhoid and paratyphoid diseases by a combination of small doses of antibiotics. A. L. Katsenovich, I G Idessis. Med zhur. Uzb no. 3 32-37 Mr '61

Typhoid fever in parturients. D. N. Zupnyk, P. P. Mel'nykov, G. A. Vul'fson. Ped., akush. i gin. 22 no. 4:51-52 '60.

Typhoid fever three times in a child N. K. Shcheikonogova Med zhur Uzb. no. 3 75 Mr '61

TYPHOID FEVER—MICROBIOLOGY

Technic of mass investigations of the transmission of dysentery and typhoid and paratyphoid infections. V. I. Vdovyka. Fel'd. i akush. 26 no. 4:52-54 Ap '60.

TYPHUS FEVER

Changes in immunobiological factors in white mice with radiation sickness, infected with murine typhus, and treated with bacteriophage. N. V. Gogebashvili. Soob. AN Gruz. SSR 24 no. 1:99-105 Ja '60.

Treatment of typhus fever with antibiotics and hormone preparations. Report No. 4: Treatment with levomycetin. E. A. Gal'perin, A. V. Eremenko. Lech. infekts. bol'. no. 4:128-143 '60.

Treatment of typhus fever with some antibiotics. E. A. Gal'perin, A. V. Eremenko. Lech. infekts. bol', no. 3: 31-48 '57.

Treatment of typhus patients with a combination of ACTH or cortisone and oxytetracycline [with summary in English]. E. A. Gal'perin, A. V. Eremenko. Antibiotiki 5 no. 2:105-110 Mr-Ap '60.

TYRAMINE

Enzymatic oxidation of adrenaline, noradrenaline, and tyramine in the liver and heart of rabbits [with summary in English]. P. A. Kaliman. Biokhimiia 26 no. 2 284-289 Mr-Ap '61.

TYRNY-AUZ—ORE DRESSING

Automation at the Tyrny-Auz Plant. I. I. Kostin, N. A. Kozhemiakin, K. V. Rozhkov. Trudy Mekhanobr no. 125: 153-168 '60.

TYUKSU MORAINE REGION—DRAINAGE

Eliminating the danger of flash floods in the Tyuksu moraine region. V. A. Gerasimov, N. IA. Barvenko. Vest. AN Kazakh SSR 17 no. 4 102-104 Ap '61.

TYUMEN' PROVINCE—AGRICULTURE—COSTS

Polishchuk, P., and B. Shaitan. [How we reduce agricultural production costs] Kak my snizhaem sebestoimost' sel'skokhoziaistvennoi produktsii. [Tiumen'] Tiumenskoe knizhnoe izd-vo, 1960. 33 p. (V pomoshch' izuchaiushchim ekonomiku sel'skogo khoziaistva) (DA)

TYUMEN' PROVINCE—PENSIONERS—SOCIETIES, ETC.

This is what they did. Z. Sobolev. Sots. obesp. '62 no. 5:43-44 My '61.

TYUMEN' PROVINCE—SAVINGS BANKS

Public inspection of savings banks and aid committees. A. Bryzgalin, S. Lobanov. Fin. SSSR '62 no. 5, 63-64 My '61.

TYURYA-KURGAN DISTRICT—TUBERCULOSIS—HOSPITALS AND SANATORIUMS

Work of a collective farm tuberculosis sanatorium. I. F. Besenko. Sbor. trud. U. nauch.-issl. tub. inst. 3 196-198 '57.

UBSA-NOR, LAKE—CARP

Dwarf Altai diptychus (Oreoleuciscus potanini)(Kessler) from Lake Ubsa-Nor. A. G. Egorov, M. Zhamsaran. Nauch. dokl. vys. shkoly, biol. nauki no. 2 42-44 '61.

UCH-SAY—HARBOR

Southern gates of the Aral Sea. N. IAkubov. Uzbekiston 18 no. 12 13 D '59.

UDDER

Technic of catheterization of the nipple in ewes. S. A. Arutinov. Fiziol. zhur. 47 no. 5 662-664 My '61.

UDMURT A. S. S. R.—COAL GEOLOGY

Lower Carboniferous coal resources of southern Udmurtia. A. P. Bludorov and others. Dokl. AN SSSR 136 no. 5:1168-1171 F '61.

UDMURT A. S. S. R.—REFORESTATION

Regeneration of concentrated felling areas in the pine forests of the Udmurt A. S. S. R. N. V. Napalkov. Izv. vys. ucheb. zav., les. zhur. 3 no. 1 54-61 '60.

UFA RIVER—HYDROELECTRIC POWER STATIONS

Laboratory and field tests of the use of clay-cement solutions in the construction of a hydroelectric power station on the Ufa River. L. N. Baronian, A. N. Adamovich. Izv. VNIIG 64:231-241 '60.

UFA VALLEY—PALEOBOTANY, STRATIGRAPHIC

Kinel' flora of the lower part of the Ufa River. V. K. Nemkova. Vop. geol. vost. okr. Rus. platf. i Uzh. Urala no. 5, 41-46 '60.

UGLOVSKOY BASIN—MINE MANAGEMENT

Experiment in the technical consolidation of mines. N. A. Butkin. Ugol' 36 no. 3, 47-50 Mr '61.

UKHTA—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

"That which one didn't have a chance to say at the meeting." Part. zhizn' no. 11:78 Je '61.

UKOK REGION (KIRGHIZISTAN)—ASBESTOS

Genesis of the Ukok deposit of chrysotile-asbestos. L. A. Sokolova. Trudy IGEM no. 47, 61-74 '60.

UKRAINE—AERONAUTICS, COMMERCIAL—PERIODICALS

Wings of the Ukraine. I. Krestovskii. Grazhd. av. 18 no. 5:6-7 My '61.

UKRAINE—AGRICULTURE

Let's prepare for the 22d Congress of the CPSU by a successful carrying out of our plans for the further development of agriculture. Komm. Ukr. 36 no. 6, 15-24 Je '61.

New developments on collective farms. Ukraina no. 11: 7 Je '61.

Our place is in the front ranks of the seven-year plan. Znan. ta pratsia no. 4:13 Ap '61.

UKRAINE—AMATEUR ART ACTIVITIES

In the Central Folk Art Center of the Ukrainian S. S. R. L. Nosov. Nar. tvorch. ta etn. 4 no. 4 148-149 O-D '60.

UKRAINE—AMATEUR MOTION PICTURES

A review of amateur motion pictures. M. Tytynichenko, S. Shypunova. Nar. tvorch. ta etn. 4 no. 1 145-146 O-D '60.

UKRAINE—AMATEUR THEATRICALS

From the history of amateur theaters in the Ukraine. O. A. Kazymirov. Nar. tvorch. ta etn. 5 no. 1 79-86 Ja-F '61.

UKRAINE—ANTHROPOLOGY

"Materials on Ukrainian anthropology," No. 1. Reviewed by V. Siedov. Nar. tvorch. ta etn. 5 no. 1 136-137 Ja-F '61.

UKRAINE—APHORISMS AND APOTHEGMS

Popular aphorisms in T. H. Tychyna's poetic works. M. P. Lazhdvoi. Nar. tvorch. ta etn. 5 no. 1 58-62 Ja-F '61.

UKRAINE—ARCHAEOLOGY

Pasternak, IAroslav. [Archaeology of the Ukraine; the earliest, the ancient, and the medieval history of the Ukraine based on archaeological sources] Arkheologiia Ukrainy, perivania, davnia ta seredniia istoriia Ukrainy za arkheologichnymy dzherelemy. Toronto, The Committee for the Publication of "Archaeology of Ukraine," 1961. 788 p.

UKRAINE—ARCHIVES

Valuable collections of archival documents ("The Central Archives of the October Revolution and Socialist Development of the Ukrainian S. S. R., a guidebook." Reviewed by S. M. Korolivs'kyi). Ukr. ist. zhur. 5 no. 3: 121-124 My-Je '61.

UKRAINE—ART INDUSTRIES

Aesthetic richness. V. Vasilenko. Iskusstvo 24 no. 5: 22-26 '61.

Present-day Ukrainian folk art. V. A. Shcherbak. Nar. tvorch. ta etn. 4 no. 4 23-30 O-D '60.

UKRAINE—ATHEISM

Brief news. Volov. ateist. no. 4:46 Ap '61.

UKRAINE—BOOKSELLERS AND BOOKSELLING

There's a Communist Youth League organization that sells a million rubles' worth of books. V. Sychev. Sov. knizh. torg. 13 no. 4 19-22 Ap '61.

UKRAINE—BOTANICAL RESEARCH

Research work of the Botanical Institute of the Ukrainian Academy of Sciences. H. I. Bilyk. Ukr. bot. zhur. 18 no. 2 99-101 '61.

UKRAINE—BRIDGE CONSTRUCTION

Industry-wide use of wire-reinforced concrete elements for spans. E. I. Shtil'man, V. S. Korunskii. Avt. dor. 24 no. 3, 9-12 Mr '61.

UKRAINE—BUDGET

New law on the budgetary rights of the Ukrainian S. S. R. and its local soviets of workers' deputies. M. Matiokhin. Rad. pravo no. 3:27-30 My-Je '61.

UKRAINE—CAMOMILE

Classification of camomiles (Anthemis L.) in the Ukraine [with summary in English]. D. M. Dobrochaieva. Ukr. bot. zhur. 18 no. 2 67-72 '61.

UKRAINE—CHESS—TOURNAMENTS

Results of a chess tournament. Znan. ta pratsia no. 4, 30 Ap '61.

UKRAINE—CHILD STUDY

Influence of emotions on the formation of children's character. O. Kul'chyts'ka. Doshk. vykh. 22 no. 6: 9-15 Je '61.

UKRAINE—CHILDREN—CARE AND HYGIENE

Conditioning of day-nursery-age children in combined children's institutions. N. Rudkovs'ka. Doshk. vykh. 22 no. 6, 22-25 Je '61.

UKRAINE—CHILDREN—MANAGEMENT

Work training in the new draft program. T. Vvedens'ka. Doshk. vykh. 22 no. 6 5-8 Je '61.

UKRAINE—CHILDREN'S LITERATURE

Books as teachers' aids. M. Marko. Doshk. vykh. 22 no. 6:40-42 Je '61.

Works of Grygor'ko Boiko for children. V. Savenko. Doshk. vykh. 22 no. 5:41-42 My '61.

UKRAINE—COAL MINERS—EDUCATION AND TRAINING

Ukrainian school for studying advanced practices. Ugol' Ukr. 5 no. 5:47 My '61.

UKRAINE—COAL MINES AND MINING

Grounds for the selection of a type of console-belt waste-stacker for Ukrainian lignite mines. M. G. Novozhilov, B. N. Tartakovskii, R. F. Borisiuk. Izv. vys. ucheb. zav., gor. zhur. no. 6:15-26 '60.

UKRAINE—COLLECTIVE FARMS

Organizational and economic consolidation of Ukrainian collective farms in the period of the victory of socialism, 1934-1936. N. I. Tkach. Ukr. ist. zhur. 5 no. 3, 27-38 My-Je '61.

UKRAINE—COMMUNICATION AND TRAFFIC

Studennykov, T. V. [Transportation and communications in the Ukraine during the seven-year plan] Transport i zv'iazok Ukrainy v Semyrichtsi. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1960. 102 p. [MICROFILM]

UKRAINE—COMMUNIST YOUTH LEAGUE

Collected documents on the history of the V. I. Lenin Communist Youth League in the Ukraine ("Establishment and work of the Communist Youth League in the Ukraine during the civil war, documents and materials." Reviewed by V. A. Morozov). Ukr. ist. zhur. 4 no. 2 161-163 Mr-Ap '60.

Our youth will march toward a bright future. S. Kyrylova. Volov. ateist. no. 5:12-16 My '61.

UKRAINE—CONCERTS

Our guests. Ukraina no. 11:28 Je '61.

UKRAINE—CONSTITUTION

Ukraine. Constitution. [Constitution (fundamental law) of the Ukrainian Soviet Socialist Republic. With amendments adopted at the fourth session of the Fifth Supreme Soviet of the Ukrainian SSR] Konstitutsiia (osnovnyi zakon) Ukrains'koi Radians'koi Sotsialistychnoi Respubliky. Iz zminamy i dopovnenniamy, pryiniatymy na IV sesii Verkhovnoi Rady Ukrains'koi RSR p'iatoho sklykannia. Kyiv, Vydannia Verkhovnoi Rady URSR, 1961. 27 p.

UKRAINE—CONSTRUCTION INDUSTRY

In the Institute of Experimental Design. Visnyk ABIA URSR no. 1:56-58 '61.

UKRAINE—CORN (MAIZE)

They talked about them in Kremlin. Znan. ta pratsia no. 3:1 Mr '61.

UKRAINE—CRIMINAL JUSTICE, ADMINISTRATION OF

Brief news. Rad. pravo no. 3:150-152 My-Je '61.

UKRAINE—CRIMINAL LAW

The new criminal code of the Ukrainian S. S. R. V. Zadichuk. Rad. pravo no. 3:9-17 My-Je '61.

UKRAINE—DAIRYING—EQUIPMENT AND SUPPLIES

Over-all mechanization of labor-consuming tasks in the cow barn. V. Boiko. Sel'. stroi. 15 no. 2 10-11 F '61.

UKRAINE—DAY NURSERIES

New model plans for nursery schools and kindergartens. I. Korol', V. Svitko. Arkhit. SSSR no. 4 29-31 '61.

UKRAINE—DESCRIPTION AND TRAVEL

We saw our happy villages. Serhii Kozak. Ukraina no. 11:14-16 Je '61.

UKRAINE—DRUGSTORES

Fulfill the plan for the second year of the seven-year plan ahead of time. Farmatsev. zhur. 15 no. 1:3-8 '60.

UKRAINE—ECONOMIC CONDITIONS

Solovei, Dmytro. [Russian Bolshevik colonialism in the Non-Russian Republics of the U. S. S. R.] Rosiis'kyi bil'shovits'kyi kolonializm u neros'kykh respublikakh SSSR. Toronto, 1961. 30 p.

Triumph of Lenin's plan for the building of socialism in the Ukraine. I. I. Kolomiichenko. Ukr. ist. zhur. 4 no. 2 33-45 Mr-Ap '60.

Ukraine builds. Znan. ta pratsia no. 2:1 F '61.

UKRAINE—ECONOMIC POLICY

"The national economy of the Ukrainian S. S. R. in the seven-year plan, its present-day conditions and prospects for its development." Reviewed by P. Vedenichev. Komm. Ukr. 36 no. 6:83-85 Je '61.

UKRAINE—EDUCATION, COOPERATIVE

The school workship is an effective basis for industrial training. M. I. Rozenberg. Shkola i proizv. 5 no. 5, 10-15 My '61.

UKRAINE—EDUCATION, PRESCHOOL—PERIODICALS

Surveying the articles of the "Doshkilne vykhovannia" periodical for 1960. E. A. Kossakovskaia. Doshk. vosp. 34 no. 5:110-114 My '61.

UKRAINE—EFFICIENCY, INDUSTRIAL

We advance toward the victory of communist labor. Blok. agit. [Ukr.] no. 12:1-7 Ap '60.

UKRAINE—ELECTRICITY IN AGRICULTURE

Current problems in the electrification of Ukrainian agriculture. M. Chernenko. Komm. Ukr. 36 no. 5: 40-47 My '61.

UKRAINE—ETHNOLOGICAL RESEARCH

Field studies of Ukrainian folklore and ethnography in 1960. I. Berezovs'kyi, V. Zolochevs'kyi, A. Orlov. Nar. tvorch. ta etn. 4 no. 4 147-148 O-D '60.

UKRAINE—FARM LIFE

New features of the social and family life of collective farmers in the Soviet Ukraine. O M. Kravets', O. F. Kuvent'ova Nar. tvorch ta etn. 5 no 1 12-16 Ja-F '61.

UKRAINE—FARM MECHANIZATION

Increasing the efficiency of agricultural machinery. IU. K Klitkin. Nauka i zhyttia 11 no. 4 33-35 Ap '61.

We introduce the general use of machinery in the fattening of pigs I E Rudenko Biok agst [Ukr] no 12 30-37 Ap '60

UKRAINE—FIELD CROPS—FERTILIZERS AND MANURES

Efficient method of using fertilizers in the southern Ukraine. S. S. Rafevs'ka. Nauk. pratsi Ukr. nauk.-dosl. inst. zrosh. zeml. 1:104-114 '59.

UKRAINE—FINANCE

Sources of the formation of working capital in organizations operated on a profit basis. M. Pechenik, L Chmeleva. Den. i kred. 19 no. 5 35-10 My '61.

UKRAINE—FISH PONDS

Hydrological and hydrochemical conditions of ponds and their relationship with carp diseases on pond farms in western provinces of the Ukrainian S. S. R. V. M. Ivash. Vop. ikht. no. 17:169-175 '61.

UKRAINE—FOLKLORE, BULGARIAN

The records of Bulgarian folklore in the Ukraine. V. Matvifenko. Nar. tvorch. ta etn. 5 no. 1 151-152 Ja-F '61.

UKRAINE—FOLKLORE, GREEK

Greek folklore in the Ukraine. T. M. Chernyshova Nar tvorch ta etn 4 no 4 97-103 O-D '60.

UKRAINE—FORAMINIFERA, FOSSIL

Current studies on Foraminifera in western regions of the Ukrainian S S R I V Venglinskyi Pratsi Inst geol kor fop. AN URSR 2 27-37 '60

UKRAINE—FOREIGN RELATIONS

How the Ukrainian S S R carried out the Leninist principles of Soviet foreign policy, 1917-1920 I. S. Khmil' Ukr ist. zhur 4 no 2 99-109 Mr-Ap '60

UKRAINE—FOREST INSECTS

Succession of injurious insects in deciduous and coniferous forests of the Ukraine V. I Grimal'skii, V A Lozinskii Izv. vys ucheb zav., les zhur. 3 no 1 160-161 '60.

UKRAINE—FORESTS AND FORESTRY

Development of forest management and shelterbelt afforestation in the Ukraine during the years of the Soviet regime. B. N. Luk'ianov. Biul. nauch. -tekh. inform. UkrNIILKhA no. 5:3-10 '58.

"Planted forests of the Ukrainian steppe zone " Reviewed by O L Lypa. Ukr bot zhur. 18 no 2 96-98 '61

Research on forestry and land improvement through afforestation in the Ukraine during 40 years of the Soviet regime. Biul. nauch. -tekh. inform. UkrNIILKhA no. 5. 17-66 '58.

Ukrainian forests. Les. khoz. 14 no. 6:33-34 Je '61.

UKRAINE—FORGING MACHINERY

"Pianino" for forgers. M. Kisel'ov. Znan. ta pratsia no 3:12-13 Mr '61.

UKRAINE—GAS, NATURAL—PIPELINES

State of and prospects for the gas supply and distribution in the Ukraine. V. S. Chernovol. Gaz. prom 6 no. 5 27-31 My '61.

UKRAINE—GAS DISTRIBUTION

State of and prospects for the gas supply and distribution in the Ukraine. V. S. Chernovol. Gaz prom. 6 no. 5 27-31 My '61.

UKRAINE—GEOLOGY—BIBLIOGRAPHY

Literature on the geology of the Ukraine published in 1956 (to be continued). V. N. Dolhova. Geol. zhur. 20 no. 2:120-122 '60.

UKRAINE—GEOLOGY, STRATIGRAPHIC

Jurassic and lower Cretaceous stratigraphy of sediments in the platform area of the Ukrainian S. S. R. based on the foraminiferal fauna. O. K. Kaptarenko-Chernousova. Geol. zhur. 20 no. 2:5-15 '60.

UKRAINE—GEOLOGY, STRUCTURAL

Special features in the development of basic structural elements in the Ukrainian and Moldavian S. S. R. at the end of the Triassic and during the lower and middle Jurassic. I. M. IAmnychenko, V. V. Permiakov, L. M. Holiak. Geol. zhur. 20 no. 2:53-57 '60.

UKRAINE—GRAIN—FERTILIZERS AND MANURES

Results obtained from investigating the application of organic-mineral fertilizers to winter grain in the Ukrainian Polesye and forest-steppe. O. V. Lazurskyi 'hosp. nauky 4 no. 4:30-36 Ap '61.

UKRAINE—GRAIN BREEDING

Achievements and tasks in the breeding of grain crops in the Ukrainian S S R V I Didus' Visnyk sil'hosp nauky 4 no 4 17-29 Ap '61

UKRAINE—GRANITE

Radioactivity of rocks in the Perzhanskiy intrusive complex [with summary in English]. A. M. Ushakova. Geokhimiia no. 4. 354-357 '61

UKRAINE—HEALTH RESORTS, WATERING PLACES, ETC.

We are extending the network of health combines. L. Larichev. Okhr. truda i sots. strakh. 4 no. 5-23-24 My '61.

UKRAINE—HISTORICAL RESEARCH

A meeting of the Ukrainian Committee for the Coordination of Historical Research. N A Syrovats'ka Ukr ist zhur. 4 no 2 187 Mr-Ap '60

UKRAINE—HISTORIOGRAPHY

Defense of a doctoral dissertation. M I. Ukr. ist. zhur. 5 no. 3:155 My-Je '61

UKRAINE—HISTORY

Effects of the liberation war of the Ukrainian people from 1648 to 1654 on internal political situation in Poland. G. M. Lyzlov. Uch. zap. Kazakh. un. 47 64-78 '60.

Much ado about nothing. A. M Kol'chuk Ukr. ist. zhur. 5 no. 3 130-141 My-Je '61

On the road of treason and venality ("Undeserving descendants" by Marko Terlitsia. Reviewed by IE. S. Shabilovs'kyi). Rad. lit. 5 no. 3 144-146 My-Je '61.

Our glorious and heroic past ("History of the Ukrainian S. S. R., a popular study" by O K Kasyanenk Reviewed by I Sulatko) Ukraina no 11:8 Je '61

Pierre Chevallier's notes devoted to the 17th century Ukraine ("History of the Cossacks' war against Poland" by Pierre Chevallier Translated from the French Reviewed by F. Sh). Ukr. ist zhur 5 no 3 142-133 My-Je '61

UKRAINE—HISTORY—SOURCES

Sources for the history of the labor movement in the Ukraine in the period of industrial capitalism, from 1860 to 1900 O A Parasun'ko Ukr ist zhur. 5 no 3, 109-115 My-Je '61.

Ukrainian letters to the Russian government relating to the treason of Mazepa, 1708. V. E. Shutol Ist SSSR 5 no 2 163-170 Mr-Ap '61

UKRAINE—INDUSTRIAL SAFETY

In the State Mine Inspection of the Ukrainian S.S.R. Bezop. truda v prom. 4 no. 5:30 My '60.

In the State Mine Inspection of the Ukrainian S. S. R. Bezop. truda v prom. 5 no. 5:30 My '61.

UKRAINE—INDUSTRIES

Achievements of Ukrainian workers. I. Krestovskii. Komm. Vooruzh. Sil 1 no. 12:51-55 Je '61.

The carrying out of socialist obligations is everybody's business. Komm Ukr 30 no 5:2-8 My '61

"Socialist industrialization of the Ukraine" by F. Martyniuk. Reviewed by I. I. Kolomiichenko. Ukr. ist. zhur 5 no. 3:128-131 My-Je '61

UKRAINE—IRRIGATION FARMING

Economic effectiveness of irrigation in the south of the Ukraine. P. D. Khudinkov. Gidr. i mel. 18 no. 5: 21-31 My '61.

UKRAINE—JOURNALISM

Give active aid to the party. I. P. Kazanets Sov. pech. no 4:16-19 Ap '61.

UKRAINE—JUSTICE, ADMINISTRATION OF

Follow-up of unpublished letters to the editor. Rad. pravo no. 2-158 Mr-Ap '60

UKRAINE—KIESELGUHR

Manufacture of filtration kieselguhr in the Ukraine. F. M Pasjkovskii, V. A Bondarenko, P. I. Stasevskii. Sakh. prom 35 no. 5:11-15 My '61.

UKRAINE—KINDERGARTENS

Draft of a new educational program for kindergartens. M. Il'chenko. Doshk. vykh. 22 no. 6:1-4 Je '61.

New model plans for nursery schools and kindergartens I. Korol', V. Svitko. Arkhit. SSSR no. 4:29-31 '61

Work training in the new draft program. T. Vvedens'ka. Doshk. vykh. 22 no. 6:6-8 Je '61.

UKRAINE—LABOR AND LABORING CLASSES

Some communist features in the life and culture of the workers of the Ukrainian S. S. R. V T. Zinych, M. P. Prykhod'ko. Nar tvorch. ta etn. 4 no. 4:10-16 O-D '60.

Sources for the history of the labor movement in the Ukraine in the period of industrial capitalism, from 1860 to 1900. O A. Parasun'ko. Ukr. ist. zhur. 5 no. 3:109-115 My-Je '61.

UKRAINE—LAMELLIBRANCHIATA, FOSSIL

Some representatives of Heterodonta and Neotaxodonta from Ukrainian Eocene sediments. V. O. Zelins'ka. Geol. zhur. 20 no. 2, 16-26 '60.

UKRAINE—LAW

Brief news Rad pravo no 2 150-157 Mr-Ap '60

UKRAINE—LAW—BIBLIOGRAPHY

Bibliography Rad pravo no 2 159-160 Mr-Ap '60

UKRAINE—LAW—CASES

Decisions of the Supreme Court of the Ukrainian S S R Rad pravo no 2 129-135 Mr-Ap '60.

Decisions of the Supreme Court of the Ukrainian S. S. R. Rad. pravo no. 3. 129-135 My-Je '61.

UKRAINE—LEGAL RESEARCH

Brief news Rad pravo no 2 150-157 Mr-Ap '60

UKRAINE—LOCAL FINANCE

New law on the budgetary rights of the Ukrainian S. S. R. and its local soviets of workers' deputies. M. Matrokhin. Rad. pravo no. 3 27-30 My-Je '61.

UKRAINE—MEDICAL INSTRUMENTS AND APPARATUS

Supplying the western provinces of the Ukraine with medical instruments after the reunification with the Ukrainian Soviet Socialist Republic. O. S. Matsiak. Farmatsev. zhur. 15 no. 1:70-73 '60.

UKRAINE—MINE VENTILATION

Artificial climate in mines. V. Zhuravlenko. Znan. ta pratsia no. 4. 16-17 Ap '61.

UKRAINE—MOTION-PICTURE PLAYS

Current problems of Ukrainian motion-picture art Tymofii Levchuk Mystetstvo 8 no 2 22-23 Mr-Ap '61

Her words echo across the screen. IUrii Mokriiev. Mystetstvo 8 no 2 30 Mr-Ap '61

A story of vehement years Ihor Rachuk Mystetstvo 8 no. 2 24-25 Mr-Ap '61

UKRAINE—MOTION PICTURES

Brief news Mystetstvo 8 no 2 3 of cover Mr-Ap '61

UKRAINE—MURAL PAINTING AND DECORATION

Ornamental painting of walls in the Ukrainian S. S. R V. D. Bushen Nar tvorch ta etn 4 no 4 73-79 O-D '60

UKRAINE—MUSIC—INSTRUCTION AND STUDY

"Be with me always, my dear love, . . " K. Dan'kevich. Sov. muz. 25 no. 6:27-33 Je '61.

UKRAINE—MUSIC AND LITERATURE

"The bard" of T. H. Shevchenko and this book's role in the musical life of the Ukrainians. O. A. Pravdiuk. Nar. tvorch. ta etn. 5 no. 1 49-57 Ja-F '61.

UKRAINE—NATIONAL PARKS AND RESERVES

Beauty of the Ukraine ("In the national parks of the Ukraine " Reviewed by O Salohub). Ukraina no. 11:16 Je '61.

UKRAINE—NATIONALISM

On the road of treason and venality ("Undeserving descendants" by Marko Terlitsia. Reviewed by IE. S. Shabilovs'kyi). Rad. lit. 5 no. 3:144-146 My-Je '61.

UKRAINE—NATURE STUDY

Organizing summer excursions and walks to study nature. R. Lapta, N. Karachevtseva, G. Iosipova. Doshk vykh. 22 no. 6. 25-28 Je '61.

UKRAINE—NEWSPAPER AND PERIODICAL CIRCULATION

Our advertising. N. Shemchuk. Raspr. pech. no. 1:19 Ja '61.

UKRAINE—OPHTHALMOLOGY

Ten-day meetings at the Ukrainian Research Institute for Eye Diseases. E. I. Medresh, F. G. Pis'mennaia. Oft. zhur. 16 no. 3:190-191 '61.

UKRAINE—ORTHODOX EASTERN CHURCH

Ilarion, Metropolitan of Winnipeg and All Canada. [Ukrainian Church in the time of Bohdan Khmel'nyts'kyi, 1647-1657] Ukrains'ka TSerkva za Bohdana Khmel'nyts'koho, 1647-1657. Winnipeg, Ukr. naukove pravoslavne bogoslovs'ke tovarystvo. 1955. 18 p.

UKRAINE—OTOLARYNGOLOGY

Organization of interprovince otolarygological conferences. S. V. Mikhailovskii. Zhur. ush., nos., i gorl. bol. 20 no. 1. 91-92 Ja-F '60.

Prevention of chronic otitis in poorly developed infants (from "Ceskoslov. otolar.," 8, no. 4, 1959) Zhur. ush., nos. i gorl. bol 20 no. 1 90 Ja-F '60

UKRAINE—PASTURES AND MEADOWS

Selecting grass mixtures for the improvement of natural grasslands of the Ukrainian forest-steppe V. O. Cherkasova. Visnyk sil'hosp. nauky 4 no 4 58-64 Ap '61

UKRAINE—PEASANT UPRISINGS

History of the class struggle of Ukrainian workers ("How Ukrainian peasants and workers struggled against their oppression by feudal landowners from the 1870's to 1861" by I. O. Hurshin. Reviewed by P. V. Mykhailyna) Ukr. ist. zhur. 4 no. 2 171-177 Mr-Ap '60

Rozner, L. G. [Severyn Nalyvaiko, leader of the uprising of Ukrainian peasants and Cossacks in 1594-1596] Severin Nalivaiko - rukovoditel' krest'iansko-kazatskogo vosstaniia, 1594-1596 gg. na Ukraine. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961, 77 p.

A valuable study on the peasant movement in the Ukraine ("The peasant movement of the 1860's in the Ukraine during the carrying out of the Reform of 1861" by N. N. Leshchenko. Reviewed by A. Z. Barabol) Ukr. ist. zhur. 4 no. 2 171-171 Mr-Ap '60

UKRAINE—PEGMATITES

Placer deposits of piezooptic quartz associated with pegmatites. L. P. Chernyshkova. Trudy VNIIP [MS] 3 no. 2 21-27 '60.

Spodumene pegmatites of the Ukraine. V. G. Kushev. Dokl. AN SSSR 136 no. 4 928-930 Je '61

UKRAINE—PHARMACEUTICAL RESEARCH

Fifteen years of the Central Pharmaceutical Research Laboratory of the Main Drugstore Administration of the Ministry of Public Health of the Ukrainian S. S. R. M. M. Bushkova, H. A. Vaisman. Farmatsev. zhur. 15 no. 1:81-84 '60.

UKRAINE—PHARMACY

Brief news and information. Farmatsev. zhur. 15 no. 1 88-90 '60.

UKRAINE—PHOTOGRAPHY

Fresh and new subjects. IA. Khalip. Sov. foto 21 no. 5-6 My '61.

UKRAINE—PIONEERS (COMMUNIST YOUTH)

A Pioneer contest for the best collection of folk literature. Kh. Shakhorods'ka. Nar. tvorch. ta etn. 5 no. 1-2 148-149 Ja-F '61.

UKRAINE—POLITICS AND GOVERNMENT

"Studies on the social and political system of the left-bank Ukraine in the late 17th and the early 18th century" by V. A. Diadychenko. Reviewed by K. A. Sofronenko. Vest. Mosk. un. Ser. 10 Pravo 15 no. 2:73-76 Ap-Je '60.

UKRAINE—POPLAR

Restoration of poplars. F. A. Pavlenko. Nauka i zhyttia 11 no. 4:30 Ap '61.

UKRAINE—POPULATION

Solovei, Dmytro. [The population of the Ukraine for the last 40 years under the rule of the Communist Party of the Soviet Union] Liudnist' Ukrainy za sorok rokiv vlady TsK KPSS u svitli perepysiv (vidbytka 3 chch. 24-27 "Vil'noi Ukrainy," zhurnalu Ukrains'koi Vil'noi Hromady v Amerytsi) Detroit, 1961. 79 p.

UKRAINE—POTATOES

Dream of an agronomist. O. Leonidov. Znan. ta pratsia no. 4:14 Ap '61.

Effect of planting time on the yield and seed quality of potatoes in the western forest-steppe. O. IU. Romaniuk. Visnyk sil'hosp. nauky 4 no. 4 51-53 Ap '61

UKRAINE—PRINTING INDUSTRY—TECHNOLOGICAL INNOVATIONS

Ukrainian printers improve production equipment and techniques. I. N. Nemchenko. Poligr. proizv. no. 4 11-13 Ap '61.

UKRAINE—PUBLIC HEALTH

Studies in the history of medical sciences and public health in the Ukrainian S. S. R. K. F. Duplenko, L. A. Gel'fand. Sov. zdrav. 20 no. 4 9-15 '61

UKRAINE—QUARTZ

Placer deposits of piezooptic quartz associated with pegmatites. L. P. Chernyshkova. Trudy VNIIP [MS] 3 no. 2 21-27 '60.

UKRAINE—RADIO CLUBS

The bell rang.... V. Likhogrud. Znan. ta pratsia no. 3; 10-12 Mr '61

UKRAINE—RADIOBROADCASTING

Radio and television broadcasting is in the service of our people; Radio Day, May 7. A. Ketkov. Blok. agit. [Ukr.] no. 12 43-48 Ap '60

Radio and television in the Ukraine. I. Anokhin, D. Prudchenko. Sov. radio i tel. 8 no. 4:3 '59.

UKRAINE—RELATIONS (GENERAL) WITH CZECHOSLOVAKIA

A present from our famous friend. M. I. Mykolaienko. Ukr. ist. zhur. 5 no. 3:155-156 My-Je '61.

UKRAINE—REVOLUTION, 1917-1921

Collected documents on the history of the V. I. Lenin Communist Youth League in the Ukraine ("Establishment and work of the Communist Youth League in the Ukraine during the civil war, documents and materials." Reviewed by V. A. Morozov) Ukr. ist. zhur. 4 no. 2 161-163 Mr-Ap '60

Defeat of German and Austrian occupation forces in the southern Ukraine in 1918. M. P. Rakovskii. Ist. SSSR 5 no. 2 135-143 Mr-Ap '61

New documents relating to the Ukraine signed by V. I. Lenin, 1918-1920. Ukr. ist. zhur. 4 no. 2 3-7 Mr-Ap '60

Unforgettable years of the revolutionary storm ("Patriotic war of the Ukrainian people against German occupation forces in 1918" by IU. IA. Delan. Reviewed by T. D. Bondar) Ukr. ist. zhur. 5 no. 3 119-121 My-Je '61

UKRAINE—ROAD CONSTRUCTION

Build good roads to all state and collective farms. O. Kurochkin. Avt. dor. 24 no. 4 12 Ap '61

UKRAINE—RUSSIAN SOCIAL DEMOCRATIC PARTY

Correspondence of the party center headed by Lenin with Ukrainian party organizations, 1901-1912. Edited by M. I. Horbunova and others. Ukr. ist. zhur. 1 no. 2 130-145 Mr-Ap '60.

"Iskra," a newspaper edited by V. I. Lenin, and the intensification of the revolutionary movement in the Ukraine" by S. O. Ktytariev. Reviewed by P. I. Denysenko. Ukr. ist. zhur. 4 no. 2 167-169 Mr-Ap '60

UKRAINE—SCHOOL EXCURSIONS

Organizing summer excursions and walks to study nature. R. Lapta, N. Karachevtseva, G. Iosipova. Doshk. vykh. 22 no. 6 25-28 Je '61.

UKRAINE—SHOE MANUFACTURE

Problems in providing a practical assortment of sizes of footwear. O. V. Farnieva and others. Izv. vys. uchob. zav., tekh. log. prom. no. 2 56-65 '61.

UKRAINE—SLAVIC ANTIQUITIES

Study of Old Slavic culture in the Ukraine. M. IU. Braicheva's'kyi, N. M. Kravchenko. Ukr. ist. zhur. 5 no. 3 156-157 My-Je '61

UKRAINE—SLAVIC PHILOLOGY

The Third Slavistic Conference of the Republic. V. I. Shevchuk. Rad. lit. 5 no. 2 156-157 Mr-Ap '61

UKRAINE—SLAVIC STUDIES

For the further development of Slavic studies in the Ukraine. O. K. Kasymenko. Ukr. ist. zhur. 5 no. 3 134-136 My-Je '61.

UKRAINE—SOCIAL GROUP WORK

Experience in the aesthetic training of workers. A. Gnevskii. Komm. Ukr. 36 no. 5:48-55 My '61.

Let's be the good helpers of the party. Sots. kul't. 14 no. 5:19-20 My '61

Let's prepare for the 22d Congress of the CPSU. Sots. kul't. 14 no. 5 4-5 My '61.

UKRAINE—SOCIAL LIFE AND CUSTOMS

Some communist features in the life and culture of the workers of the Ukrainian S. S. R. V. T. Zinych, M. P. Prykhod'ko. Nar. tvorch. ta etn. 4 no. 4 10-16 O-D '60

UKRAINE—SOIL INOCULATION

Applying bacterial fertilizers to field crops in the southern Ukraine. Kh. M. Khatypova. Nauk. pratsi Ukr. nauk.-dosl. inst. zrosh. zeml. 1:119-126 '59.

UKRAINE—SOIL MICRO-ORGANISMS

Bacillus megatherium in some soil types of the Ukrainian S. S. R. N. M. Mal'tseva. Mikrobiol. zhur. 23 no. 1 21-27 '61.

UKRAINE—SOIL PHYSICS

Effect of annual and perennial crops on the Chestnut soils in the southern Ukraine. Nauk. pratsi Ukr. nauk.-dosl. inst. zrosh. 1:127-140 '59.

UKRAINE—SOLONETZ SOILS

Improvement of Solonetz and Solonetz-southern Ukraine. B. I. Laktionov, I. Nauk. pratsi Ukr. nauk.-dosl. inst. zro '59.

UKRAINE—SPILLWAYS

Introduction of the new USKhA No. 4 pr spillway. IU. L. Dmitriev, G. D. Liash Mel'nichenko. Gidr. stroi. 31 no. 4:2

UKRAINE—SPRING

Springtime is everywhere. Ukraina

UKRAINE—STATISTICS

Ukraine, Statisticheskoe upravlenie. [U Ukrainian S. S. R. in 1959; statistical Narodne hospodarstvo Ukrains'koi RS statystychnyi shchorichnyk. Kyiv, De vyd-vo, 1960. 730 p.

UKRAINE—STEEL—METALLURGY

Steel pouring in Ukrainian plants. Meta 36 My '61.

UKRAINE—STOCK AND STOCKBREEDING

Ukraine, Statisticheskoe upravlenie. [Stockbreeding on the Ukrainian S. S. R.; statistical collection] Tvarynnytstvo Ukrains'koi RSR, statystychnyi zbirnyk. Kyiv, Derzh. stat. vyd-vo, 1960. 251 p. [MICROFILM]

UKRAINE—SUGAR BEETS—IRRIGATION

Growing sugar beets in irrigated areas of the southern Ukraine. D. A. Shtolko. Nauk. pratsi Ukr. nauk.-dosl. inst. zrosh. zeml. 1 15-27 '59.

UKRAINE—TEACHERS

They struggle for the high quality of work. Doshk. vykh. 22 no. 6 16-18 Je '61.

UKRAINE—TECHNICAL EDUCATION

Faculties of general technical education enter our life to stay. A. G. Bondar'. Vest. vys. shkoly 19 no. 5 48-55 My '61

UKRAINE—TELEVISION BROADCASTING

Radio and television broadcasting is in the service of our people, Radio Day, May 7. A. Ketkov. Blok. agit. [Ukr.] no. 12 43-48 Ap '60

Radio and television in the Ukraine. I. Anokhin, D. Prudchenko. Sov. radio i tel. 8 no. 4 3 '59.

UKRAINE—TELEVISION IN GEOLOGY

Television camera on a geological drill. Znan. ta pratsia no. 4:15 Ap '61.

UKRAINE—THEATER

Bilots'ka, L. K. [Shevchenko and the theater] Shevchenko i teatr. Kyiv, 1961. 30 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 8, no. 5)

UKRAINE—TOURISTS, CANADIAN

In their fatherland. Ukraina no. 11:4 Je '61.

UKRAINE—TRADE UNIONS

A course in management is a course in communism, results of the Seventh Congress of Ukrainian Trade Unions. Blok. agit. [Ukr.] no. 12 3-14 Ap '60

UKRAINE—VIEWS

[Through Soviet Ukraine; photo reports.] Po rad. Ukr. nos. 4-5 '61.

UKRAINE—VITICULTURE

[Let's obtain an abundance of grapes] Stvorymo dostatok vynohradu. Kyiv, Derzh. vyd-vo sil'khoz. lit-ry URSR, 1959. 172 p. (DA)

UKRAINE—WATER—COMPOSITION

Iodine content of waters in the Ukrainian S. S. R. P. S. Savchenko. Trudy Biogeokhim. lab. no. 11:128-131 '60.

UKRAINE—WATER, UNDERGROUND

Behavior and origin of interstitial waters in the southwestern part of the Ukrainian crystalline shield. L. T. Grudyns'ka. Geol. zhur. 20 no. 2:108-111 '60.

UKRAINE—WHEAT

Practices used for cultivating winter wheat in southern Ukrainian steppes. I. L. Kolesnyk. Nauk. pratsi Ukr. nauk.-dosl. inst. zrosh. zeml. 1:62-72 '59.

UKRAINE—WORLD WAR, 1939-1945—PERSONAL NARRATIVES

UKRAINE, WESTERN—GAS, NATURAL

Prospects for finding gas in western provinces of the Ukrainian S.S.R. N.P. Ladyzhens'kyi. Pyt. rozv. prod. syl L'viv. i Stan. ekon. adm. rai. no.1:62-67 '60.

UKRAINE, WESTERN—GEOLOGY

Editorial. Pyt. rozv. prod. syl L'viv. i Stan. ekon. adm. rai. no.1.3-4 '60.

UKRAINE, WESTERN—HISTORY

"Realization of the eternal dream of the Ukrainian people" by R. Chaplenko. Reviewed by S. Belousov, N. Kravets. Komm. Ukr. 36 no.5 92-94 My '61.

UKRAINE, WESTERN—HYDROELECTRIC POWER

Water power resources of western economic regions of the Ukraine. L.S. Khilobokhenko. Pyt. rozv. prod. syl. L'viv. i Stan. ekon. adm. rai. no.1.178-186 '60.

UKRAINE, WESTERN—HYDROGRAPHY

Hydrographic features of the Lvov and Stanislav Economic Administrative Regions. M.M. Arkenberg, K.L. Mykhailova. Pyt. rozv. prod. syl L'viv. i Stan. ekon. adm. rai. no.1.187-198 '60.

UKRAINE, WESTERN—MINES AND MINERAL RESOURCES

General survey of mineral deposits in western provinces of the Ukraine. I.E.K. Lazarenko. Pyt. rozv. prod. syl L'viv. i Stan. ekon. adm. rai. no.1.5-19 '60.

UKRAINE, WESTERN—OIL SHALES

Efficient building materials from menilite slates. K.A. Halabuts'ka. Pyt. rozv. prod. syl L'viv. i Stan. ekon. adm. rai. no.1.110-256 '60.

UKRAINE, WESTERN—RUNOFF

Calculating river runoff in western provinces of the Ukraine. I.A. Zheliezniak, I.O. Chipping, I.P. Kubyshkin. Pyt. rozv. prod. syl L'viv. i Stan. ekon. adm. rai. no.1.199-212 '60.

UKRAINE, WESTERN—STRIKES AND LOCKOUTS

"Studies on the labor movement in the Western Ukraine, from 1921 to 1939" by M.M. Kravets'. Reviewed by I.U. Herbil's'kyi and others. Ukr. ist. zhur. 5 no.3: 131-132 My-Je '61.

UKRAINE IN LITERATURE AND ART

The Ukraine in Russian progressive journals of the 1870's and 1880's. O.O. Biliavs'ka. Rad. lit. 5 no.3: 116-121 My-Je '61.

UKRAINIAN COMPOSERS see Composers, Ukrainian

UKRAINIAN DRAMA—HISTORY AND CRITICISM

At a new stage. I.I. Staryukevych. Rad. lit. 5 no.2 3-30 Mr-Ap '61.

UKRAINIAN FOLK SONGS see Folk songs, Ukrainian

UKRAINIAN FOLKLORE see Folklore, Ukrainian

UKRAINIAN LANGUAGE—ACCENTUATION

Ilarion, Metropolitan of Winnipeg and All Canada. [Accentuation in the Ukrainian literary language; a linguistic study] Ukrains'kyi literaturnyi naholos, movoznavcha monografiia. Winnipeg, 1952. 304 p. (Vydavnytstvo "Nasha kul'tura, pt, 15)

UKRAINIAN LANGUAGE—GRAMMAR

Ilarion, Metropolitan of Winnipeg and All Canada. [Ukrainian literary language] Ukrains'ka literaturna mova. Saskatoon, Canada, The Gospel Press.
Vol.1. [Grammatical basis of the literary language] Gramatychni osnovy literaturnoi movy. 1951. 347 p.

UKRAINIAN LANGUAGE—ORTHOGRAPHY

Stefanivs, M.P. [Orthographic dictionary; a manual for students in elementary schools] Orfografichnyi slovnyk; posibnyk dlia uchniv pochatkovoi shkoly. Kyiv, "Radians'ka shkola," 1958. 80 p.
(InU)

UKRAINIAN LANGUAGE—WORDS

The culture of language. P.I. Horets'kyi. Rad. lit. 5 no.2.31-45 Mr-Ap '61.

UKRAINIAN LITERATURE

In the manuscript division of the T.H. Shevchenko Institute of Literature of the Academy of Sciences of the Ukrainian S.S.R. M.I. Diachenko. Rad. lit. 5 no.3: 153-154 My-Je '61.

The literary life of Odessa. L.L. Loniuk. Rad. lit. 5 no.2:157-158 Mr-Ap '61.

UKRAINIAN LITERATURE—BIBLIOGRAPHY see Bibliography—Ukrainian literature

UKRAINIAN LITERATURE—HISTORY AND CRITICISM

Borshchevs'kyi, Vasyl'. [The feeling of a close-knit family; the theme of the friendship of the peoples in Soviet Ukrainian literature] Chuttia edinoi rodyny; tema druzhby narodiv v ukrains'kii radians'kii literaturi. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1960. 122 p.
(NNC)

"Juliusz Slowacki and the Ukraine" by Hryhorii Verves. Reviewed by M.IA. Hol'berg. Rad. lit. 5 no.2.112-111 Mr-Ap '61.

New times and new people. O.F. Stavyts'kyi. Rad. lit. 5 no.3.27-40 My-Je '61.

On the highways of the present ("The hero and contemporaneity." Reviewed by K.P. Volyns'kyi). Rad. lit. 5 no.3.126-129 My-Je '61.

Synthetic research ("The theoretical struggle in Ukrainian literature, the first half of the 19th century" by P.K. Volyns'kyi. Reviewed by V.V. Lesyk). Rad. lit. 5 no.2.136-140 Mr-Ap '61.

UKRAINIAN LITERATURE—PERIODICALS

Discussion of the periodical "Radians'ke literaturoznavstvo." M.P. Lakyza, N.O. Tomashuk. Rad. lit. 5 no.2.148-152 Mr-Ap '61.

Discussion of the periodical "Radians'ke literaturoznavstvo" in Odessa. Rad. lit. 5 no.3.150 My-Je '61.

UKRAINIAN LITERATURE—STUDY AND TEACHING

At the T.H. Shevchenko Institute of Literature of the Academy of Sciences of the Ukrainian S.S.R. Rad. lit. 5 no.3:150-152 My-Je '61.

With Transcarpathian literary scholars. V.L. Mikitas'. Rad. lit. 5 no.3-156-157 My-Je '61.

UKRAINIAN MUSICAL INSTRUMENTS see Musical instruments, Ukrainian

UKRAINIAN NEWSPAPERS

Soviet Press Day; facts and figures. Blok agit. [Ukr.] no.12 36-42 Ap '60.

UKRAINIAN OPERA see Opera, Ukrainian

UKRAINIAN PERIODICALS

Soviet Press Day, facts and figures. Blok agit. [Ukr.] no.12 38-42 Ap '60.

UKRAINIAN PHILOLOGY

(see also subdivision under Bucharest)

With the Ukrainian scholars of Leningrad. I.O. Pikkiev. Rad. lit. 5 no.3:154-150 My-Je '61.

UKRAINIAN POETRY—HISTORY AND CRITICISM

A hundred books and a hundred poets. V.P. Ivanysenko. Rad. lit. 5 no.3:3-26 My-Je '61.

Seeking new paths ("Lyricism and lyrics" by S. Shakhovs'kyi. Reviewed by H.A. V'iazovs'kyi). Rad. lit. 5 no.3.132-136 My-Je '61.

UKRAINIAN PRIMERS see Primers, Ukrainian

UKRAINIAN PROVERBS see Proverbs, Ukrainian

UKRAINIAN SCULPTURE see Sculpture, Ukrainian

UKRAINIAN SHORTHAND see Shorthand, Ukrainian

UKRAINIAN SINGERS see Singers, Ukrainian

UKRAINIAN SONGS see Songs, Ukrainian

UKRAINIAN WIT AND HUMOR

Folk humor and satire I.S. Nechui-Levyts'kyi's literary works. L.P. Fedosov. Nar. tvorch. ta etn. 4 no.1 121-127 O-D '60.

UKRAINKA, LESIA, 1871-1913

Her words echo across the screen. IUrii Mokriiev. Mystetstvo 8 no.2:30 Mr-Ap '61.

UKRAINKA, LESIA, 1871-1913—BIBLIOGRAPHY see Bibliography—Ukrainka, Lesia, 1871-1913

ULAKHAN-TAS RANGE—GEOLOGY

Geology of the Ulakhan-tas Range. K.B. IAblokov, I.IA. Nekrasov. Izv. AN SSSR. Ser. geol. 26 no.5:53-63 My '61.

ULAKHAN-TAS RANGE—ORE DEPOSITS

Basic metallogenic characteristics of the Ulakhan-Tas Range in northeastern Yakutia. I.IA. Nekrasov, K.V. IAblokov. Geol. rud. mestorozh. no.2:79-89 Mr-Ap '61.

ULAN-UDE—BALLET

A new ballet for children. P. Pecherskii. Sov. muz. 25 no.5:114-116 My '61.

ULAN-UDE—WOMEN AS JUDGES

A people's judge. I. Afanashchenko. Sots. zakon. 30 no.6:70-71 Je '61.

ULIANOV FAMILY

Books in the Ul'ianov family. T. Korneichik. V mire knig 1 no.4:31 Ap '61.

The relatives of our leader used to live here. N. Zabiiaka. Ukraina no.7:32 Ap '60.

Revolutionary work of the Ul'ianov family in the Ukraine. I.D. Remezovs'kyi. Ukr. ist. zhur. 4 no.2:91-99 Mr-Ap '60.

ULTRASONIC TESTING

Determining the characteristics of cold crack development in welded joints, by means of ultrasonic flaw detection. A.M. Makara, V.A. T'Sechal', I.P. Zhovnitskii. Avtom. svar. 14 no.5:3-9 My '61.

"Ultrasonic flaw detection" by M.IA. Balazovskii. Reviewed by IU.V. Lange. Zav. lab. 27 no.5.631-632 '61.

Ultrasonic pulse gauge for thickness measurement in products control. V. Bogorodskii, D. Dobrotin. Mor. flot 21 no.5:20-21 My '61.

ULTRASONIC WAVES

(see also subdivision under Bulgaria)

Anodic dissolution of copper in an ultrasonic field [with summary in English]. S.M. Kocherglu, N.N. Terpilovskii, G.IA. Viaseleva. Zhur. fiz. khim. 35 no.4:917-919 Ap '61.

Crystallization of a supercooled liquid in an ultrasonic wave field [with summary in English]. L.O. Meleshko. Inzh.-fiz. zhur. 4 no.4 123-125 Ap '61.

Formation of platinum black in an ultrasonic field [with summary in English]. W. Wawrzyczek. Zhur. fiz. khim. 35 no.4:723-726 Ap '61.

Ultrasonic absorption in electrolytes. M.I. Shilomis. Akust. zhur. 6 no.1 116-119 '60.

Ultrasonic instrument for analyzing a reaction medium. E.V. Kogan, A.P. Mozhaev, N.I. Smirnov. Zhur. prikl. khim. 34 no.3.541-547 Mr '61.

Ultrasonic luminescence; a survey. I.P. El'piner. Akust. zhur. 6 no.1:3-15 '60.

Ultrasonic method for measuring the level of a liquid in a vessel with the aid of ultrasonic flexural vibrations of a thin elastic plate. N.S. Ageeva. Akust. zhur. 6 no.1.120-121 '60.

Use of the ultrasonic method in studying the ice sheet of Antarctica. IU.P. Dunyshn. Inform. biul. Sov. antark. eksp. no.23 20-23 '60.

Using high speed cinematography for investigating the processes occurring in fluids under the action of ultrasonic waves. S.R. Zhukovskii, V.F. Kazantsev, L.O. Makarov. Zhur. nauch. i prikl. fot. i kin. 5 no.2 133-140 Mr-Ap '60.

ULTRASONIC WAVES—CONGRESSES

All-Union Conference on the Applications of Ultrasonics in the Chemical, Light, and Food Industry. Akust. zhur. 6 no.1 137-138 '60.

Scientific and Technological Conference on the Application of Ultrasonic Waves to Welding. L.O. Makarov. Akust. zhur. 6 no.1 138-139 '60.

ULTRASONIC WAVES—INDUSTRIAL APPLICATIONS

Application of ultrasonic waves in knit goods manufacturing. IA.Kh. Shtivel'man. Tekst. prom. 20 no.3:71-72 Mr '60.

Baths for ultrasonic cleaning of parts. M.G. Kogan and others. Vest. mash. 41 no.5:68-69 My '61.

Conference on the use of ultrasonic waves in construction. Biul. stroi. tekh. 18 no.5 43-45 My '61.

Effect of high external pressure on the destruction of the material in the treatment of solids with sound. V.O. Mal'chenok, I.A. Utkin. Akust. zhur. 6 no.1.128 '60.

Effect of ultrasonic waves on the crystallization of the weld bath and on weld metal properties. V.L. Russo. Svarka 2:3-6 '59.

Intensifying electrolytic processes by means of ultrasonic waves. L.IA. Popilov. Mashinostroitel' no.5 45-46 My '61.

Investigating the effect of ultrasonic waves on results in the heat treatment of alloys. V.S. Mes'kin, E.A. Al'tan. Fiz. met. i metalloved. 11 no.4 533-544 Ap '61.

Investigating ultrasonic machining of hard and brittle materials. A.IA. Vladimirov. Izv. vys. ucheb. zav.; prib. 4 no.2:122-129 '61.

Nickel plating type-metal stereotypes in an ultrasonic field. IU.M. Bystrov and others. Poligr. proizv. no.4:13-15 Ap '61.

Popilov, L.A. [Electric and ultrasonic machining; reference handbook] Elektricheskaia i ul'trazvukovaia obrabotka, spravochnoe posobie. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 135 p. (Bibliotechka elektrotekhnologa i ul'trazvukovika, no.1)
[MICROFILM]

Precious stones and ultrasonics. V. Andreev. Mest. prom. i khud. promys. 2 no.5.9 My '61.

Studying the use of elastic vibrations in the liquid treatment of furs. K.V. Moshkov. Nauch.-issl. trudy NIMP no.9:71-81 '59.

Ultrasonics "shave." Znan. ta pratsia no.3:21 Mr '61.

Use of ultrasonic waves in a mineralogical analysis of sedimentary rocks. V.D. Shutov, M.IA. Kats, V.V. Baranov. Izv. AN SSSR. Ser. geol. 26 no.4:85-98 Ap '61.

Using ultrasonic waves in electroplating. V.A. Mikhailov. Mashinostroitel' no.5:47 My '61.

Utilization of ultrasonic vibrations of cutting tools in cutting metals. A.I. Isaev, V.S. Anokhin. Vest. mash. 41 no.5:56-62 My '61.

ULTRASONIC WAVES—PHYSIOLOGICAL EFFECT

Effect of ultrasonic waves on the germination of pine and larch seeds. N. T. Kochkar'. Les. khoz. 14 no. 6: 38-39 Je '61.

Microbiological investigations following treatment of teeth with ultrasound. V. I. Kuskova, L. V. Morozova. Stomatologiia 40 no. 1 27-29 Ja-F '61

Ultrasonic waves and some problems of modern biology [with summary in English]. I. E. El'piner. Izv. AN SSSR. Ser. biol. no. 3 412-424 My-Je '61

ULTRASONIC WAVES—SPEED

Propagation velocity of ultrasonic waves of finite amplitude in a liquid. L. K. Zarembo, V. V. Shkloveskaia-Kordi. Akust. zhur. 6 no. 1 47-51 '60.

ULTRASONICS

(see also subdivision under China)

The possible use of ultrasonics in criminal investigation. G. S. [Urin. Sov. kriminalistika. Trudy. sled. no. 11 114-136 '61

ULTRAVIOLET RAYS

Characteristics and hygienic evaluation of ultraviolet irradiation of living quarters [with summary in English]. V. D. Postnikova. Gig. i san. 25 no. 7 3-8 Jl '60.

Duration of the ultraviolet fluorescence of some aromatic compounds. T. V. Ivanova, P. I. Khudiashov, B. IA. Sveshnikov. Dokl. AN SSSR 138 no. 3 572-574 My '61

Hygienic evaluation of radiation penetrating through organic glass from the ultraviolet region of the spectra [with summary in English] O. IA. Khomeriki. Gig. i san. 25 no. 7 13-17 Jl '60

Optical properties of plant leaves in the ultraviolet region of radiation [with summary in English]. I. A. Shul'gin, A. F. Kleshnin, V. Z. Podol'nyi. Fiziol. rast. 7 no. 2 141-144 '60.

ULTRAVIOLET RAYS—PHYSIOLOGICAL EFFECT

Action of ultraviolet radiation on pH and rH_2 of plant cells. A. P. Dubrov. TSitologiia 2 no. 2 161-169 Mr-Ap '60

Bactericidal action of ultraviolet rays on airborne microflora. V. N. Nurmatov. Med. zhur. Uzb. no. 3 47-50 Mr '61.

Effect of luminous irradiation on unipolar excitability and recovery of the negative charge in nerves. L. A. Millutin. Uch. zap. UrGU no. 31 33-38 '59.

ULTRAVIOLET RAYS—THERAPEUTIC USE

Chronic tonsillitis in children and their treatment by physical methods. L. A. Shakhnovich. Med. sestra 20 no. 3 23-26 Mr '61.

ULU TAU DISTRICT—MINES AND MINERAL RESOURCES

The Dzhezkazgan industrial region and prospects for its development. N. Antonenko. Nar. khoz. Kazakh. 19 no. 5 78-83 My '61.

UL'YANOVSK—LANDSLIDES

Rogozin, I. S. [Controlling landslides at Ul'yanovsk. Opolzni Ul'ianovska i opyt bor'by s nimi. Moskva, Izd-vo Akad. nauk SSSR, 1961. 145 p. plates.

UL'YANOVSK PROVINCE—COMMUNIST YOUTH LEAGUE

Communist Youth League members of Ul'yanovsk Province must catch up. R. Ivanova. Komsom. zhizn' no. 11 11-15 Je '61.

UL'YANOVSK PROVINCE—TEXTILE WORKERS

Universal biography. A. P. [Ugov. Tekst. prom. 20 no. 3 10 Mr '60.

UMAN'—LABOR COURTS

A fellow workers' court affiliated with the house manager's office. IE. Marchenko. Rad. pravo no. 3 44-45 My-Je '61.

UNDERDEVELOPED AREAS

National democratic states. D. Chesnokov. Polit. samoobr. 5 no. 6 61-64 Je '61.

Some characteristics of noncapitalist development. F. Panfilov. Polit. samoobr. 5 no. 6 65-68 Je '61.

UNDERGROUND CONSTRUCTION

Underground structures of the Moscow municipal telephone system. E. P. Dubrovskii. Gor. khoz. Mosk. 35 no. 4 32-34 Ap '61.

UNDERGROUND WATER see Water, Underground

UNDERPASSES see subdivision under Moscow

UNDERWATER ACOUSTICS

Experimental investigation of acoustical streams in water. E. V. Romanenko. Akust. zhur. 6 no. 1 92-95 '60.

Sound field of the first normal mode in a layer of water. F. I. Krizhev. Akust. zhur. 6 no. 1 65-76 '60.

UNDERWATER PIPELINES

Shor, L. D. [Industrialization of underwater engineering operations in the laying of pipelines] Industrializatsiia podvodno-tekhnicheskikh rabot pri stroitel'stve magistral'nykh truboprovodov. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 40 p. (V pomoshch' rabotnikam gazovoi promyshlennosti)

UNDULANT FEVER see Brucellosis

UNEMPLOYED

(see also subdivision under Great Britain, United States)

Distorting mirrors. V. Golio. Polit. samoobr. 5 no. 6 105-112 Je '61.

UNGULATA, FOSSIL see subdivision under Georgia

UNION CATALOGS see Catalogs, Union

UNION OF SOUTH AFRICA see South Africa, Union of

UNION OF SOVIET SOCIALIST REPUBLICS see Russia

UNITED ARAB REPUBLIC—SOILS

In the United Arab Republic (Egypt). A. N. Rozanov, T. F. [Akubov, N. G. Minashina. Pochvovedenie no. 5 112-115 My '61.

UNITED NATIONS

Arkad'ev, N. N. [Fresh wind in the UN] Svezhii veter v OON. Moskva, Izd-vo "Znanie," 1961. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 7, Mezhdunarodnaia, no. 9)

Hammarskjold betrayed the Congo. Vege Chite. V pashch. mira no. 5 29 My '61

Legal problems at the 14th session of the General Assembly of the United Nations. K. Zabikhailo. Rad. pravo no. 2 126-128 Mr-Ap '60.

UNITED NATIONS—COMMISSIONS

Problems of measuring labor productivity. P. Bagrii. Vop. ekon. no. 5 157-159 My '61

UNITED STATES—ADSORBENTS

Most recent type of adsorbent, molecular sieve [from "Metal Progress," no. 1, 1959; no. 2, 1960] A. M. Pechkovskii, S. N. Voronina. Metalloved. i term. obr. met. no. 5 49-51 My '61

UNITED STATES—AGRICULTURE—ECONOMIC ASPECTS

Supplanting small-scale production with large in U. S. A. agriculture. V. Zaitsev. Vest. stat. no. 5 34-45 '61.

UNITED STATES—AIR FORCE

Provocateurs and businessmen at the head of the United States Air Force. N. I. Fedorov. Vest. Vozd. fl. no. 12 80-84 D '60.

UNITED STATES—ALGEBRA—TEXTBOOKS

Survey of algebra textbooks for general secondary schools in U. S. A. D. I. Marchenko. Mat. v shkole no. 3 68-72 My-Je '61.

UNITED STATES—ARMY—REGULATIONS

Basis of the life of the soldier. K. Moskalenko. Voen. vest. 40 no. 10 10-13 O '60

UNITED STATES—AUTOMATIC CONTROL

Abstract of a report on "Optimalizing control for chemical industries" by D. G. Archer, an engineer with Westinghouse. Avtomatyka no. 1 87-94 '60

UNITED STATES—AUTOMATION

Kheinman, S. A. [Problems of automation in the United States; review of materials published in the United States] Voprosy avtomatizatsii v SShA, obzor materialov, opublikovannykh v SShA. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 222 p.

Working class and automation in the United States; an interview with Harry Bridges. H. W. Edwards. Nov. vrem. 19 no. 22 8-13 My '61.

UNITED STATES—BEARS

Bear in a "knockout." Znan. ta pratsia no. 2 30 F '61.

UNITED STATES—BERYLLIUM

New types of beryllium deposits in the U. S. A. R. Rafal'skii. Atom. energ. 10 no. 5 542-543 My '61.

UNITED STATES—BUSINESS CYCLES

Marxist-Leninist theory of crises and modern capitalism. V. Gerasimov. Mir. ekon. i mezhdunar. otn. no. 6 79-87 Je '61.

UNITED STATES—CANCER RESEARCH

Concerning Harold Stuart's article, "Cancer investigator." O. S. Frankfurt. Pat. fiziol. i eksp. terap. 5 no. 2 87-89 Mr-Ap '61.

UNITED STATES—CAPITALISM

Dalin, S. A. [Military and state monopolistic capitalism in the U. S. A.] Voenno-gosudarstvennyi monopolisticheskii kapitalizm v SShA. Moskva, Izd-vo Akad. nauk SSSR, 1961. 350 p.

UNITED STATES—CEMENT INDUSTRIES

Brief survey of the cement industry in the United States. I. K. Moroz, V. I. Satarin. TSement 27 no. 2 29-31 Mr-Ap '61.

UNITED STATES—CHEMICAL ENGINEERING

Abstract of a report on "Optimalizing control for chemical industries" by D. G. Archer, an engineer with Westinghouse. Avtomatyka no. 1 87-94 '60.

UNITED STATES—CIVIL WAR

The centenary of the Civil War in the U. S. A. [with summary in English, p. 173] H. Aptheker. Nov. i noveish. ist. no. 3 88-96 '61

UNITED STATES—COAL PREPARATION

Present-day trends in the preparation of coal fines in the United States. D. R. Mitchell, H. B. Charmbury. Obog. i brik. ugl. no. 14 77-86 '60

UNITED STATES—COMMERCE

The Anglo-American struggle for markets. O. Bogdanov. Mir. ekon. i mezhdunar. otn. no. 5 131-138 Je '61.

UNITED STATES—COMMUNIST PARTY

Fear of progress. Nov. vrem. 19 no. 25 2-3 Je '61.

UNITED STATES—COMMUNISTS

A review of foreign newspapers. Sots. zakon. 37 no. 1 93-94 Ap '60

UNITED STATES—CONGRESS—RULES AND PRACTICE

Lobbyism and obstructionism in the Congress of the U. S. A. IA. M. Bel'son. Uch. zap. Kazakh. un. 47 7-17 '60.

UNITED STATES—DESCRIPTION AND TRAVEL

A visit with women in America. O. Tuganova. Nov. vrem. 19 no. 24 27-28 Je '61.

The world of reality and the world of self-deception. Pierre Courtade. Moskva 5 no. 4 160-166 '61.

UNITED STATES—ECONOMIC POLICY

Dalin, S. A. [Military and state monopolistic capitalism in the U. S. A.] Voenno-gosudarstvennyi monopolisticheskii kapitalizm v SShA. Moskva, Izd-vo Akad. nauk SSSR, 1961. 350 p.

UNITED STATES—FOREIGN ECONOMIC RELATIONS—NORTH AFRICA

United States expansion in North Africa. A. Shpirt. Mir. ekon. i mezhdunar. otn. no. 6 138-144 Je '61.

UNITED STATES—FOREIGN RELATIONS

Major work on the foreign policy of the U. S. A. ("Foreign policy of the U. S. A. in the age of imperialism" by N. Inozemtsev. Reviewed by L. Kutakov). Mezhdunar. zhizn' 8 no. 6 136-139 Je '61

Sensible appraisal ("Tomahawk" by Henri Ascau [in French] Reviewed by L. Vidiasova) Mezhdunar. zhizn' 8 no. 6 140-143 Je '61.

Washington's European policy. IU. Nadezhdin. Nov. vrem. 19 no. 21 11-12 My '61.

UNITED STATES—FOREIGN RELATIONS—GREAT BRITAIN

"Interdependence" or subordination? V. Nekrasov. Mezhdunar. zhizn' 8 no. 6 36-43 Je '61.

UNITED STATES—FOREIGN RELATIONS—LATIN AMERICA

Bankruptcy of the U. S. A.'s Latin American policy. Trinidad Martillo. Mezhdunar. zhizn' 8 no. 6 20-28 Je '61.

International policeman. Mezhdunar. zhizn' 8 no. 6 151-153 Je '61.

UNITED STATES—FOREIGN RELATIONS—NEAR EAST

Akademiia nauk SSSR. Institut narodov Azii. [The U. S. policy in the Arab East] Politika SShA na Arabskom Vostoke. Moskva, Izd-vo vostochnoi lit-ry, 1961, 280 p.

UNITED STATES—FOREIGN RELATIONS—RUSSIA

America wakes up, prominent American figures on the future of Soviet-American relations. John Howard Lawson and others. Inostr. lit. no. 3 236-243 Mr '60.

Americans and the Vienna meeting. I. Ermashev. Nov. vrem. 19 no. 23 3-5 Je '61

Before the meeting in Vienna. Nov. vrem. 19 no. 22 1-2 My '61.

For the triumph of a "policy from ... son." Kommunist 38 no. 9 86-

On the eve of the Vienna meeting 1-2 Je '61.

Reports from Vienna. Val. ... 19 no. 24 4-5 Je '61.

Thirteen days which raised ... America; the story of N. S. ... U. S. A." by A. Adzhubei an... A. Bel'skain). Novyi mir ...

Useful meeting. Nov. vrem.

Vienna is proudly waiting. ... 38 no. 22 2-3 My '61

UNITED STATES—HARDBOA...

New plant for hardboard ma... (from "Wood and Wood Pro... Der. prom. 10 no. 5 33 M...

UNITED STATES—HISTORIC...

Present-day English and An... the Great October Revolut... kestan. G. A. Khidoiatov. My-Je '61.

UNITED STATES—HISTORY

History of the American intervention in Transcaucasia in 1917-1921. M. I. Naidel', IU. V. Sogomonov. Ist. SSSR 5 no. 3 26-46 My-Je '61.

UNITED STATES—INDUSTRIAL MANAGEMENT

"Managerism," the sociology of American business. D. M. Gvishiani. Vop. filos. 15 no. 5 80-92 '61.

UNITED STATES—INDUSTRIES

Billions to the wind ("Waste makers" by Vance Packard. Reviewed by S. Epshtein). Nov. vrem. 19 no. 21 28-30 My '61.

UNITED STATES—IRON FOUNDING

Making spheroidal iron and malleable iron castings. IA. G. Poliakov. Lit. proizv. no. 5 48 My '61.

UNITED STATES—JOURNALISM

Behind the facade of "democracy." G. Vasil'ev. Sov. pech. no. 4, 56-58 Ap '61.

UNITED STATES—JUSTICE, ADMINISTRATION OF

Policemen and thieves. M. Bulaev. Sots. zakon. 37 no. 4 92 Ap '60.

UNITED STATES—LIQUEFIED PETROLEUM GAS—PIPELINES

Pipeline for liquid gases. B. M. Bolotin. Stroi. truboprov. 6 no. 2, 31-32 F '61.

UNITED STATES—LOBBYING

Lobbyism and obstructionism in the Congress of the U. S. A. IA. M. Bel'son. Uch. zap. Kazakh. un. 47:7-17 '60.

UNITED STATES—MATHEMATICS—STUDY AND TEACHING

Mathematical tests [translated from English]. Mat. v shkole no. 3 72-79 My-Je '61.

UNITED STATES—MEDICINE

Some results of our visit to the United States. G. F. Cauze. Vest. AMN SSSR 15 no. 3 71-82 '60.

UNITED STATES—METALWORK

Manufacturing parts by explosions. L. K. Sizenov. Mashinostroitel' no. 5 42 My '60.

UNITED STATES—MILITARY POLICY

Pentagon's "new" concepts. A. Eremenko. Mezhdunar. zhizn' 8 no. 6, 29-35 Je '61.

UNITED STATES—MOTION PICTURES, MUSICAL

Aside from the music. G. Troitskaia. Isk. kino no. 6: 123 Je '61.

UNITED STATES—NEGROES

Awakening of Africa and American Negroes. Thomas Buchanan. V zashch. mira no. 5 8-13 My '61.

UNITED STATES—NEUROLOGY

Eleventh yearly meeting of the American Academy of Neurology. N. I. Grashchenkov, B. M. Gekht, M. N. Fishman. Zhur. nevr. i psikh. 60 no. 3 369-373 '60.

UNITED STATES—OIL WELL DRILLING

Development of air-drilling methods. G. N. Protasov, M. M. Karpenko. Trudy AzNII DN no. 9:150-159 '60.

Drilling speed records in the U. S. A. I. S. Guzik. Azerb. neft. khoz. 40 no. 3 31 Mr '61.

UNITED STATES—OPEN-HEARTH FURNACES

Introduction of basic roofs in American open-hearth furnaces. S. V. Glebov. Ogneupory 26 no. 4:200-3 of cover '61.

UNITED STATES—PAPER

Chalk overlay paper mill in the U. S. A. Bum. prom. 36 no. 4:29-31 Ap '61.

UNITED STATES—PETROLEUM INDUSTRY—WATER SUPPLY

Karelin, IA. A., and V. G. Porevalov. [Removal of petroleum products from waste waters; foreign practices] Ochistka stochnykh vod ot nefteproduktov; zarubezhnyi opyt. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 130 p.

UNITED STATES—PROSTHESIS

Some data on the status of prosthesis in the United States. D. I. Gritskevich. Ortop. travm. i protez. 22 no. 1, 87-89 Ja '61.

UNITED STATES—PUBLIC OPINION

The average American is facing a choice. Janet Stevens. V zashch. mira no. 5 30-32 My '61.

War against war. Linus Pauling. Vsem. stud. nov. 15 no. 1:3-5 Ja '61.

UNITED STATES—PUBLIC RELATIONS

Fantastic world of "public relations." S. Epshtein. Nov. vrem. 19 no. 23:16-18 Je '61.

UNITED STATES—RACE QUESTION

Uncle Tom's grandchildren continue their struggle. R. Orlova. Mol. komm. no. 5 121-128 My '61.

UNITED STATES—RAILROADS—TRACK

Laying continuous track in the United States. A. M. Sazonov. Transp. stroi. 11 no. 4 56-57 Ap '61.

UNITED STATES—RELATIONS (GENERAL) WITH RUSSIA

A book on the struggle of the American people for friendly relations with the Soviet Union ("Struggle in the U. S. A. for the choice of a policy toward the U. S. S. R. during the Great Patriotic War, July 1942-June 1943" by V. S. Koval'. Reviewed by A. K. Martyniuk). Ukr. ist. zhur. 4 no. 2 177-179 Mr-Ap '60.

UNITED STATES—ROAD MACHINERY

Ballast tampers. P. M. T'Sigel'nyi. Put' i put. khoz. 5 no. 1:47-48 Ja '61.

UNITED STATES—RUBBER, SYNTHETIC

"Estan 5710 XL," a radiation-resistant polyurethan rubber. Kauch. i rez. 20 no. 4, 62 Ap '61.

UNITED STATES—SHEET METAL WORK

Die stamping in the United States of large-size parts on powerful hydraulic presses (review of foreign publications). L. A. Shofman, A. I. Kagalovskii. Kuz. shtam. proi-v. 3 no. 5 37-41 My '61.

UNITED STATES—SOCIAL CONFLICT

Intensification of class struggle in the U. S. A. L. Zorina. Mir. ekon. i mezhdunar. otn. no. 6:110-112 Je '61.

UNITED STATES—STEEL—STANDARDS

Requirements of United States standards to corrosion resistant and heat-resistant steels. N. V. Matiushina. Standartizatsiia 25 no. 5:60-61 My '61.

UNITED STATES—SUGAR MANUFACTURE

Modernization of the design of "Rotobelt Eimco"-type vacuum filters (from "Sugar Journal," Ap, 1959). L. A. Shepshelevich. Sakh. prom. 35 no. 5 69-70 My '61.

UNITED STATES—THERMOMETRY

Symposium on thermometry in the United States. E. T. Chernyshev. Izm. tekh. no. 6:60 Je '61.

UNITED STATES—TOWING

Data on the results of testing tugboats and barge trains for the United States in Holland. M. Galkovskaia. Rech. transp. 20 no. 5:60-61 My '61.

UNITED STATES—TRADE UNIONS

Kornilov, IU. E. [Meany and Reuter, servants of monopolies] Mini i Reiter-prislushniki monopolii. Moskva, Gos. izd-vo polit. lit-ry, 1960. 71 p.

UNITED STATES—TRUSTS, INDUSTRIAL—LAW

"Modern American antitrust law" [in English] by H. Kronstein, J. Miller, J. Schwartz. Reviewed by IU. Kochevrin. Mir. ekon. i mezhdunar. otn. no. 6 155-157 Je '61.

UNITED STATES—UNEMPLOYED

Facts about unemployment. Politsamoobr. 5 no. 6: 112-114 Je '61.

UNITED STATES—VENEERS AND VENEERING

Electronic control of cutters (from "Veneers and Plywood," 54 no. 1, 1960). Der. prom. 10 no. 3:31-32 Mr '61.

UNITED STATES—WEALTH

National wealth of the U. S. A. G. Shpil'ko. Mir. ekon. i mezhdunar. otn. no. 6:38-50 Je '61.

UNITED STATES—WILDLIFE, CONSERVATION OF

Methods of preserving and increasing the number of wild animals in the United States. B. D. Delazari. Okhr. prir. i zapov. delo v SSSR no. 6:118-124 '60.

UNITED STATES—WOOD PULP INDUSTRY—BY-PRODUCTS

New products from woodpulp and paper industry wastes. M. I. Chudakov. Bum. prom. 36 no. 4:31 Ap '61.

UNITIZED CARGO SYSTEMS

Intrafactory haulage of parts in container pallets. A. S. Ishmametov, N. V. Batasheva, IA. G. Gershman. Der. prom. 10 no. 3:23-24 Mr '61.

UNIVERSITIES AND COLLEGES

(see also subdivision under Daghestan; Dakar)

A new document relating to the history of Russian internal policy in the second revolutionary period. G. I. Shchetinina. Probl. istoch. no. 9:3-14 '61.

UNIVERSITIES AND COLLEGES—ENTRANCE REQUIREMENTS

Working youth should enter institutions of higher learning. L. Bazhanov. Komsom. zhizn' no. 3:15-17 F '60.

UNIVERSITIES AND COLLEGES—ENTRANCE REQUIREMENTS

Mathematical tests [translated from English]. Mat. v shkole no. 3:72-79 My-Je '61.

UNIVERSITIES AND COLLEGES—GRADUATE WORK

(see also subdivision under Irkutsk)

Planned post-graduate work is effectual. D. I. Vasil'ev. Vest. vys. shkoly 19 no. 5:105-107 My '61.

UNSATURATED COMPOUNDS

Hydrogenation of unsaturated compounds, while maintaining a constant concentration in the solution. D. V. Sokol'skii, G. I. Tret'iakova. Dokl. AN SSSR 138 no. 2 399-401 My '61.

URACIL

Effect of pentoxyl on the bone marrow lipids of rabbits in experimental leukopenia [with summary in English]. F. N. Morozova. Biul. eksp. biol. i med. 51 no. 2 54-59 F '61.

Effect of sarcolysin and dopan on the biosynthesis of pyrimidines of nucleic acid in transplanted tumors and tissues of the recipient organism [with summary in English]. S. IA. Davydova, M. B. Sapozhnikova. Biul. eksp. biol. i med. 49 no. 3 88-93 Mr '60.

Secretory function of gastric glands in patients with thyrotoxicosis treated with 6-methylthiouracil. N. I. Shtel'makh. Probl. endok. i gorm. 7 no. 2 80-84 Mr-Ap '61.

URAL MOUNTAIN REGION—BIRDS

Birds of the northern trans-Ural region. V. N. Pavlinin. Priroda 50 no. 5:102-104 My '61.

URAL MOUNTAIN REGION—COAL GEOLOGY

Epochs of the Mesozoic coal accumulation on the eastern slopes of the Central Urals and in the central trans-Ural region. V. I. Tuzhikova. Trudy Gor.-geol. inst. UFAN SSSR no. 32:239-265 '59.

URAL MOUNTAIN REGION—FACTORIES—DESIGN AND CONSTRUCTION

Assembling frame supports of industrial buildings. A. A. Bychkov. Prom. stroi. 38 no. 5:42-13 '60.

URAL MOUNTAIN REGION—GEOLOGY, STRATIGRAPHIC

Stratigraphy and some problems of the paleogeography of upper Mesozoic sediments on the eastern slopes of the Central Urals and in the central trans-Ural region. G. N. Papulov. Trudy Gor.-geol. inst. UFAN SSSR no. 32, 41-60 '59.

URAL MOUNTAIN REGION—GEOLOGY, STRUCTURAL

Upper Mesozoic and lower Cenozoic tectonics of the eastern slopes of the Urals and the trans-Ural region. N. I. Arkhangel'skii. Trudy Gor.-geol. inst. UFAN SSSR no. 32:89-105 '59.

URAL MOUNTAIN REGION—LABOR AND LABORING CLASSES

"Hired labor in Ural Mountain region mining in the 18th century" by V. IA. Krivonogov. Reviewed by M. N. Martynov. Ist. SSSR 5 no. 2:183-186 Mr-Ap '61.

The history of land tenure in the mining enterprises of Abamelek-Lazarev family in the Perm Government in the 1860's and 1870's. T. P. Raevskaia. Ist.-filol. sbor. no. 5:30-52 '60.

Studying the history of the Ural Mountain Region laboring classes. Ist. SSSR 6 no. 3, 226-229 My-Je '61.

URAL MOUNTAIN REGION—MINERAL WATERS

Mineral waters in the eastern slopes of the Urals and in the trans-Ural region. V. F. Kovalev. Trudy Gor.-geol. inst. UFAN SSSR no. 32:319-341 '59.

URAL MOUNTAIN REGION—PALEOGEOGRAPHY

Paleogeography of the Eocene in the southern part of the trans-Ural region. F. V. Kiprianova. Dokl. AN SSSR 138 no. 5:1189-1192 F '61.

Stratigraphy and some problems of the paleogeography of upper Mesozoic sediments on the eastern slopes of the Central Urals and in the central trans-Ural region. G. N. Papulov. Trudy Gor.-geol. inst. UFAN SSSR no. 32:41-60 '59.

URAL MOUNTAIN REGION—REFRACTORY MATERIALS

Using kaolin from deposits in the Urals. T. S. Ignateva, A. V. Zhukov. Ogneupory 26 no. 4:195-197 '61.

URAL MOUNTAIN REGION—SURGERY

History of the development of surgery in trans-Ural areas. D. K. Sokolov. Sov. zdrav. 20 no. 4:39-46 '61.

URAL MOUNTAIN REGION—TALC

Types of processes of replacement during the formation of talc deposits in the Urals and Siberia. I. F. Romanovich. Izv. vys. ucheb. zav. geol. i razv. 3 no. 12 104-108 D '60.

URAL MOUNTAINS—BERTRANDITE

Bertrandite from the Central Urals. E. I. Kutukova. Trudy Inst. min., geokhim. i kristallokhim. red. elem. no. 3:74-78 '59.

URAL MOUNTAINS—BERYLLIUM

Margarite containing beryllium from the Central Urals. E. I. Kutukova. Trudy Inst. min., geokhim. i kristallokhim. red. elem. no. 3:76-84 '59.

URAL MOUNTAINS—BRACHIOPODA, FOSSIL

Discovery of brachiopod and crinoidal remains in talc-chloritic rocks in the Southern Urals. K. I. Postoev, G. N. Bezrukov. Izv. AN SSSR, Ser. geol. 26 no. 5, 92-95 My '61.

URAL MOUNTAINS—CAVE DRAWINGS

In the Kap caverna. B Rzhevskii Znan, sila 36 no 5: 26-28 My '61

URAL MOUNTAINS—COAL GEOLOGY

Epochs and paleotectonic zones of the Carboniferous coal accumulation in the Urals A A Pronin Trudy Gor -geol. inst UFAN SSSR no 32 235-237 '59

Formation of coal-bearing sediments in the Atyus Depression of the Northern Urals M M Bezhaev Trudy Gor. -geol inst UFAN SSSR no 32:281-299 '59

URAL MOUNTAINS—COPPER ORES

New copper ore deposits in the eastern volcanic zone of the Urals A P Perelaev, E. V Prakhova Trudy Gor. -geol inst, UFAN SSSR no 32 163-170 '59

URAL MOUNTAINS—CRINOIDEA, FOSSIL

Discovery of brachiopod and crinoidal remains in talc-chloritic rocks in the Southern Urals. K. I. Postoev, G. N. Bezrukov. Izv AN SSSR, Ser. geol 26 no. 5 92-95 My '61

URAL MOUNTAINS—ELECTRIC POWER DISTRIBUTION

Chemical treatment of underbrush along the electric power transmission lines in the Urals. M. I. Fominykh. Energetik 9 no. 5:32-36 My '61.

URAL MOUNTAINS—GEOLOGY

Proterozoic and lower Paleozoic in the Southern Urals. M. I. Garan' Trudy Gor -geol inst UFAN SSSR no 32:15-32 '59

URAL MOUNTAINS—GEOLOGY, ECONOMIC

Geology of the Gay copper pyrite deposit. M. B. Borodaevskaia, N. A Perizhniak Geol. rud mestorozh. no 2:7-22 Mr-Ap '61.

URAL MOUNTAINS—GEOLOGY, STRATIGRAPHIC

Possibility of the existence of the equivalents of the Asha series on the western slopes of the Southern Urals N F. Mamev. N. F Mamaev Trudy Gor. -geol inst, UFAN SSSR no 32:13-10 '59.

Proterozoic and lower Paleozoic of the Urals; possibility of working out a generalized stratigraphic scale and the correlation of cross sections of ancient deposits in the Urals. K. A. L'vov. Biul. VSEGEI no. 1: 59-71 '58.

Stratigraphy and lithology of alluvial sediments of diamond-bearing regions on the western slopes of the Central Urals. N P. Verbitskaia. Mat VSEGEI Chet. geol i geomorf no 2:96-113 '59.

URAL MOUNTAINS—GEOLOGY, STRUCTURAL

Basic tectonic features of the eastern slopes of the Central Urals. A A Pronin. Trudy Gor -geol. inst. UFAN SSSR no. 32:71-86 '59.

Question of the structure of the northern end of the subpolar portion of the Urals. K. G. Volnovskii-Kriger. Izv. AN SSSR, Ser. geol. 26 no. 4 99-102 Ap '61.

URAL MOUNTAINS—LIGNITE

Occurrence of brecciated coal in the Volchanska brown coal deposit. M. M. Bezhaev, V. A. Kulazev. Izv. vys. ucheb. zav.; gor. zhur. no. 11:14-22 '59.

URAL MOUNTAINS—MAGNETITE

Full use of sulphide-magnetite ores from the Ural Mountains. V. K. Babak, I N Metskhvarishvili, G V Zhukovskii. Gor zhur. no. 3, 3-7 Mr '60.

URAL MOUNTAINS—MARBLE

Genesis and mineralogy of rock crystals formed in marbles of the Polar Urals. V. IU. Eshkin. Trudy VNIIP [MS] 3 no. 2:29-38 '60.

URAL MOUNTAINS—MARGARITE

Margarite containing beryllium from the Central Urals. F. I Kutukova. Trudy Inst. min., geokhim. i kristallokhim. red. elem. no. 3:79-84 '59.

URAL MOUNTAINS—METALLURGICAL FURNACES

New developments in research. A. A. Fofanov and others. Stal' 21 no. 5, 402-103, 414 My '61.

URAL MOUNTAINS—METALLURGICAL PLANTS

Comparative evaluation of foundry irons of the Ural plants. V. P. Chernobrovkin and others. Lit. proizv. no. 5:8-10 My '61.

URAL MOUNTAINS—PINE

Natural regeneration of pine forests in the Southern Urals. I. P. Polozhentsev, A. M. Ziganglrov. Les. khoz. 14 no. 6:18-21 Je '61.

URAL MOUNTAINS—PYRITES

Mineral associations and some factors controlling the formation of pyrite deposits in the Southern Urals. N V. Petrovskaia. Geol. rud. mestorozh. no. 2:33-44 Mr-Ap '61.

URAL MOUNTAINS—QUARTZ

Genesis and mineralogy of rock crystals formed in marbles of the Polar Urals. V. IU. Eshkin. Trudy VNIIP [MS] 3 no. 2:29-38 '60.

URAL MOUNTAINS—RAILROADS—CONSTRUCTION

Planning the second track under complex topographical conditions I A Shusser. Transp stroi 11 no 4 32-33 Ap '61

URAL MOUNTAINS—REFRACTORY MATERIALS

Production and use of unfired grog products made of Urals raw materials. I. A. Ol'khovskii, I. S. Shvartsman, M. I. Diesperova. Ogneupory 25 no. 5 207-213 '60.

URAL MOUNTAINS—ROCKS, IGNEOUS

Alkalic basaltoid rocks of the Asha series in the Central Urals, in connection with the diamond potential. N. A. Rumiantseva. Biul. VSEGEI no. 1:140-152 '58.

URAL MOUNTAINS—TRACE ELEMENTS

Distribution of trace elements in metasomatic contact deposits I N Ovchinnikov. Trudy Gor -geol inst UFAN SSSR no 32, 151-161 '59

URAL RIVER VALLEY—PALEOBOTANY, STRATIGRAPHIC

Material on the history of middle Pleistocene vegetation in the southeastern part of the European U. S. S. R. A A Chigurieva, E. A. Skidanova, V. L. IAkhimovich Vop. geol. vost. okr. Rus. platf. i IUzh. Urala no. 5, 109-126 '60.

Pliocene vegetation in the southeastern part of the European U. S. S. R. A. A. Chigurieva Vop geol. vost. okr Rus. platf. i IUzh. Urala no. 5 59-86 '60.

URANATES

Composition and properties of uranates E. A. Ippolitova, L. M. Kovba Dokl. AN SSSR 138 no. 3 605-607 My '61

Structure of uranates. E. A. Ippolitova, L. M. Kovba. Dokl. AN SSSR 138 no. 2 377-380 My '61.

Study of the crystalline structure of uranates. Part 2. Uranates containing uranyl oxygen chains [with summary in English]. L. M. Kovba and others. Zhur. fiz. khim. 35 no. 4 719-722 Ap '61.

URANINITE

Crystalline structure of uraninites and pitchblends. [with summary in English]. E. S. Makarov and others. Geokhimiia no. 3:193-213 '60.

URANIUM

Applicability of the Fermi-Teller "Z-law" for a photoemulsion containing uranium. G. E. Belovitskii. Zhur. eksp. i teor. fiz. 38 no. 2, 658-660 F '60.

Extraction of uranium from phosphoric acid solutions. B N Laskorin, V. F. Smirnov. Zhur prikl. khim. 33 no 10, 2172-2178 O '60.

Extraction of uranium (VI) and (IV) with diisoamyl methylphosphonate from hydrochloric acid solutions. V. B. Shevchenko, V. S. Shmidt, E. A. Nenarokomov. Radiokhimiia 3 no. 2:130-136 '61.

Ion exchange extraction of uranium from dense pulps by means of the "floating resin" (from "Journal of the South African Institution of Mining and Metallurgy," 60, No. 12, 647, 1960). A. Zarubin. Atom. energ. 10 no. 5: 540 My '61.

Radiochemical study of the products resulting from the splitting of uranium by 660 Mev protons. A K Lavrukhina, S. S. Rodin. Radiokhimiia 2 no. 1, 83-93 '60.

Rapid extraction-photometric determination of uranium with arsenazo III. P. N. Palei, A. A. Nemodruk, A. V. Davydov. Radiokhimiia 3 no. 2:181-186 '61.

Some structural characteristics of the mineralization control in sedimentar rocks. V A. Golovin, A V Kantse Geol. rud mestorozh. no 2:125-1:

Study of thoron and its reaction with [with summary in English]. V. A. N khim. 16 no. 2:141-149 Mr-Ap '61.

Uranium and lead in tektites. I. E. S Meteoritika no. 20 204-207 '61.

Uranium in fossil bones (from "Ura Priroda 50 no. 6:118 Je '61.

URANIUM—ANALYSIS

Gamma-spectrometric determination tions of uranium, thorium, and calc Kartashov. Atom. energ. 10 no. 5:

Interference of vanadium in the deter by means of hydrosulfite-phosphate photometric methods [with summar Brodskaia, G. A. Laskol, V. G. Soc khim. 16 no. 2:185-190 Mr-Ap '61.

2, 7-Bis-(4-chloro-2-phosphonbenzen naphthalene-3, 6-disulfonic acid (ch III), a new reagent for the photome uranium [with summary in English] and others. Zhur. anal. khim. 16 n '61.

URANIUM—ISOTOPES

Interphase isotopic exchange of uran 238 [with summary in English]. N. Geokhimiia no. 3:268-273 '60.

Isotopic composition of uranium in n E. A. Isabaev, E. P. Usatov, V. V. Ch khimiia 2 no. 1:94-97 '60.

Mechanism of uranium fission induced by slow μ^--mesons [with summary in English] G. E Belovitskii and others Zhur eksp i teor. fiz. 38 no 2 401-408 F '60.

Study of kinetic features of III and UV accumulation by representatives of green, brown, and red algae G G Polikarpov, V S Ten Nauch dokl vys shkoly, biol nauki no 2 116-119 '61

URANIUM COMPOUNDS

Electrochemical reduction of U(VI) to U(IV) in hydrochloric acid solution with the use of cation exchange membranes B N Laskorin, N M Smirnova Atom energ 10 no 5 530-531 My '61

URANIUM ORES

Oxidation-reduction equilibrium in the uranium - iron system in a carbonate environment and its significance in geochemistry [with summary in English]. G. B. Naumov, O. F. Mironova. Geokhimiia no. 3:241-246 '60.

URANIUM OXIDE

Reaction associated with the dissolution of U_3O_8 in sulfuric acid. Part 1. Kinetics of certain reactions with powders. V. M. Solntsev, IU. M. Tolmachev. Radiokhimiia 3 no. 2 187-194 '61.

URANYL NITRATE

Action of salting-out agents on the extraction of uranyl nitrate with cyclohexanone. S. Mints, A. Ugnevskaia. Radiokhimiia 3 no. 2:137-143 '61.

Effect of temperature on the extraction of uranyl, plutonyl, ruthenium, and zirconium nitrate with tributyl phosphate V. B. Shevchenko, I A Fedorov Radiokhimiia 2 no 1 6-12 '60

Spectrophotometric study of the system $UO_2(NO_3)_2$ ROH - H_2O_2 - H_2O, where R= Na, K A M Gurevich and others Radiokhimiia 2 no 1 32-43 '60

Structure of uranyl nitrate hexahydrate. V M Vdovenko and others Radiokhimiia 2 no 1 24-31 '60

Vapor pressure over ether solutions of uranyl nitrate. V. M. Vdovenko, D. N. Suglobov, L. G. Mashirov. Radiokhimiia 3 no. 2:173-180 '61.

URDU LITERATURE—HISTORY AND CRITICISM

Husain, S. I. [History of Urdu literature. Translated from the Hindi] Istoriia literatury urdu. Moskva, Izd-vo vostochnoi lit-ry, 1961. 258 p.

UREA

Causes of noneffectiveness of aminoethylisothiouronium following irradiation of the cells of various tumors E. N. Tolkacheva, N. I Shapiro Vop onk 7 no 3:68-72 '61.

Changes in the concentration of urea in the blood under the influence of urea loads [with summary in English] B A Rashkovan, N P Letkina Vop med khim 6 no 2 121-127 Mr-Ap '60

Effect of chlortetracycline on the synthesis of urea by the liver [with summary in English] R P. Poifar'eva Antibiotiki 6 no 2 127-131 F '61

Effect of experimental dysentery intoxication on urea formation in rats [with summary in English]. R. P. Poifar'eva. Biul. eksp. biol. i med 49 no. 3:39-41 Mr '60.

Enzymatic decomposition of urea under conditions of an open system [with summary in English]. A. G. Pasynskii, O. A. Virovets. Biokhimiia 26 no. 2:332-337 Mr-Ap '61.

Partition chromatography of hydrocarbons from solid petroleum paraffins on carbamide T. A. Bol'shova,

URETHANS

Effect of ionizing radiations on urethane-induced adenoma of the lungs in mice. I. A. Gritsiute. Vop. onk. 7 no. 3:61-68 '61.

"Estan 5740 xl," a radiation-resistant polyurethan rubber. Kauch. i rez. 20 no. 4:2 Ap '61.

Production of linear polyurethans without the use of solvent. Report No. 1. Production of linear urethans in a melt. V. V. Korshak, Iu. A. Strepikheev, A. F. Moiseev. Plast. massy no. 6:10-11 '61.

URETHANPHOSPHORIC ACID

Esters of urethanphosphoric acids. Part 2. A. V. Kirsanov, M. S. Marenets. Zhur. ob. khim. 31 no. 5: 1607-1611 My '61.

URINARY ORGANS—DISEASES

Biomycin in the treatment and prevention of complications in the urinary organs of patients with typhoid and paratyphoid infections. A. S. Bogdanova. Lech. infekts. bol'. no. 4:105-113 '60.

Ryzhov, P. V., and S. D. Goligorskii. [Mistakes in preoperational diagnosis, problems in surgical tactics] Oshibki predoperatsionnogo diagnoza, voprosy khirurgicheskoi taktiki. Kishinev, Gos. izd-vo "Kartia Moldovenieske," 1960. 181 p. (DNLM)

URINARY ORGANS—RADIOGRAPHY

Ginzburg, L. A. [Radiography of the kidneys and ureters] Rentgenoskopiia pochek i mochetochnikov. [Leningrad] Gos. izd-vo med. lit-ry Medgiz, Leningr. otd-nie, 1961. 95 p. (DNLM)

URINE—ANALYSIS AND PATHOLOGY

Answer to readers. Lab. delo 7 no. 5:62 My '61.

Level of lead and hematoporphyrin in the urine of lead industry workers in relation to the degree of poisoning. A. T. Aldanazarov, B. A. Atchabarov. Trudy Inst. kraev. pat. AN Kazakh. SSR 8 151-158 '60.

Nephelometric determination of inorganic sulfates in urine by means of a stable standard of turbidity. Iu. A. Kechek, Zh. S. Badalian. Lab. delo 7 no. 5:20-21 My '61.

Peculiarities of leucocytes of urinary sediment in some kidney diseases. G. G. Arabidze. Lab. delo 7 no. 5: 39-41 My '61.

Urine color sedimentation reaction in the catamnesis of children having had infectious hepatitis. N. O. Bleichkina. Ped., akush. i gin. 22 no. 4:27-29 '60.

URINE—INCONTINENCE

"How to prevent enuresis in children" by P. I. Golovtsev. Reviewed by N. V. Doget'. Med. sestra 20 no. 3:55-56 Mr '61.

Out-patient treatment of enuresis in children. V. IA. Berezovs'kyi. Ped., akush. i gin. 22 no. 4:33-34 '60.

URINE—SECRETION

Comparative evaluation of diuretic changes in experimental convulsive seizures [with summary in English]. A. A. Ichedev. Biul. eksp. biol. i med. 51 no. 3:52-54 Mr '61.

Influence of "Burkut" mineral water on micturition. A. V. Nalegatskaia. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 1:73 '61.

Interoceptor influences from the small intestine on urinary excretion. M. S. IAremenko. Biul. eksp. biol. i med. 49 no. 3:17-20 Mr '60.

Urination after suggested drinking of water [with summary in English]. M. L. Linetskii. Zhur. vys. nerv. deiat. 11 no. 1:46-49 Ja-F '61.

...NS see Genitourinary organs

...S

...stia urologov, 3d, Tiflis, 1958. ...hird All-Union Conference of ...oskva, Gos. izd-vo med. lit-ry

...SOCIETIES

...stud. nov. 15 no. 1:23-24 Ja '61

...OLAEVICH, 1809-

...by N. Ushakov. Reviewed by ...a no. 3:211 Mr '61.

...ERIALS INDUSTRY

...ine in Usman. D. Skachkov. Sol'. ... '61.

...NDLING MACHINERY

...oading and unloading of coal at the ... G. Deslatnikov. Rech. transp.

...EAD INDUSTRY

...ear of the seven-year plan. ...will. Nar. khoz. Kazakh. 19

...JUICES

...menogorsk, shaft-type, high- ...y. I. Ivashentsev. Rech. transp. ...

UST'-KAMENOGORSK—ZINC INDUSTRY

At the level of the last years of the seven-year plan. A. Vartanian, B. Odiashvili. Nar. khoz. Kazakh. 19 no. 5:30-33 My '61.

UST'-ORDA—EROSION

Line erosion in the northern part of the Ust'-Orda Buryat National Area, Irkutsk Province. V. I. Bychkov. Izv. Sib. otd. AN SSSR no. 3:90-97 '61.

UST-URT—DARKLING BEETLES

Autumn migration of darkling beetles in the southern Ust-Urt. V. P. Kostin. Izv. AN Uz. SSR no. 9:9b '56.

UST-URT—ROCKS, SEDIMENTARY

Baku deposits of the zone extending at the foot of the escarpments of northwestern Ust-Urt. Iu. M. Kleimer, P. V. Fedorov. Dokl. AN SSSR 148 no. 4:904-905 Je '61.

UST-URT—RODENTIA

Species met with and abundance of rodents in the western Ust-Urt [with summary in English]. G. I. Soletskii. Zool. zhur. 40 no. 5:789-794 '61.

USTYURT PLATEAU—GEOLOGY, STRUCTURAL

Structures of eastern Mangyshlak and adjacent territory in the Ustyurt Plateau [with summary in English]. I. S. Pleshcheev, A. I. Sharapov, A. E. Shlezinger. Biul. MOIP, Otd. geol. 36 no. 1:10-58 Ja-F '61.

UTERUS

Analysis of the action of repeated estrone injections on the mitotic activity of the uterine epithelium in mice [with summary in English]. U. I. Epifanova. Biul. eksp. biol. i med. 51 no. 3:102-105 Mr '61.

Comparative study on the antigenic structure of tumor and homologous normal cells. Report No. 3. Immunobiological characteristics of desoxyribonucleoproteins isolated from Guerin's carcinoma and normal uterus in rats [with summary in English]. M. S. Lomakin, Iu. F. Malina. Biul. eksp. biol. i med. 51 no. 4:88-93 Mr '61.

UTERUS—BLOOD SUPPLY

Effect of pituitrin, mammophysin, and adrenaline on the uterine circulation [with summary in English]. I. I. Benediktov. Farm. i toks. 24 no. 1:91-99 Ja-F '61.

UTERUS—DISEASES

A gynecologist's advice. M. Maizel'. Rab. i stol. 36 no. 1:23 Ap '60.

UTERUS—FOREIGN BODIES

Morphological reactions of the uterine wall tissues in white mice following introduction of a foreign body [with summary in English]. Liu Tsz'an'-chan [Liu Chien-ch'ang]. Biul. eksp. biol. i med. 49 no. 2:116-120 F '60.

UTERUS—INNERVATION

Effect of roentgen rays on the development of rat embryos following denervation of the uterus [with summary in English]. N. A. Smoroshkina. Arkh. anat. gist. i embr. 38 no. 3:51-62 Mr '60.

UTERUS—SURGERY

Conservative diathermodissection of the cervix uteri in precancerous conditions. S. S. Rogovenko. Vop. onk. 7 no. 2:68-71 '61.

Local anesthesia with use of ganglion-blocking and neuroplegic drugs in extirpation of the uterus. N. M. Novikova. Akt. vop. obezbol. no. 2:203-206 '59.

UTOPIAS

(see also subdivision under France)

Avdeeva, K. D., and A. M. Belov. [On Utopia Island, a reader for the sixth grade] Na ostrove Utopii; kniga dlia chteniia v VI kl. Leningrad, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR. Leningr. otd-nie, 1961. 109 p.

UVAROVA, LIUDMILA ZAKHAROVNA

"To be continued"; a tale and stories by Liudmila Uvarova. Reviewed by I. Eventov. Zvezda no. 3: 211-212 Mr '61.

UVULA—TUMORS

Case of primary sarcoma of the uvula. N. S. Kuznetsova. Vest. otorin. 22 no. 1:90-91 Ja-F '60.

UZBEK LANGUAGE—TERMS AND PHRASES

Studying the phrases of the present-day Uzbek language. Kh. Kamilova. Obshcheatv. nauki v Uz. no. 1:51-56 '61.

UZBEK LANGUAGE—VOICE

The grammatical and lexical interrelationship of voices in the Uzbek language. S. N. Ivanov. Uch. zap. LGU no. 294:3-11 '61.

UZBEK LITERATURE—BIBLIOGRAPHY see Bibliography—Uzbek literature

UZBEK POETRY—HISTORY AND CRITICISM

Uzbek prose version of a poem about Alpamysh. A. K. Borovkov. Izv. AN Uz. SSR no. 11:77-88 '59.

UZBEK PORCELAIN see also subdivision 'Porcelain, Uzbek' under Tashkent

UZBEKISTAN

Our achievements. Uzbekistan 19 no. 1:1-5 Ja '60.

UZBEKISTAN—AERONAUTICS IN PUBLIC HEALTH

25th anniversary of airborne public health service in Uzbekistan. I. A. Alimov. Med. zhur. Uzb. no. 11:72-74 N '60.

UZBEKISTAN—AGRICULTURE

Agriculture of the Republic forges ahead. N. I. Bershtal. Uzbekistan 19 no. 1:7 Ja '60.

Expansion of agriculture in the Zeravshan Basin. M. Akramov. Izv. AN Uz. SSR no. 4:3-12 '56.

Toward new heights! Uzbekistan 19 no. 24:1 '60.

UZBEKISTAN—ARCHAEOLOGY

Work of a study group of young archaeologists affiliated with the Institute of History and Archaeology of the Academy of Sciences of the Uzbek S. S. R. 1956. G. V. Parfenov. Obshchestv. nauki v Uz. no. 1:71 '61.

UZBEKISTAN—ARCHIVES

Use of documental material from the State Archives of the Uzbek S. S. R. in the interests of furthering the study of history. IA. M. Seriyi. Izv. AN Uz. SSR no. 1: 85-89 '56.

UZBEKISTAN—ART—STUDY AND TEACHING

In the studios of amateur artists. Uzbekistan 19 no. 1:20 Ja '60.

UZBEKISTAN—BOXTHORN

Chemical ecology of the boxthorn Lycium ruthenicum. M. A. Rish, L. A. Ezdakova. Trudy Biogeokhim. lab. no. 11:246-250 '60.

UZBEKISTAN—BRAIN—DISEASES

Comparative evaluation of the pathomorphology of Dzhalangan encephalitis and the disease observed in the village of "Ya." A. I. Magaupov. Izv. AN Uz. SSR no. 1: 75-76 '56.

UZBEKISTAN—BUREAUCRACY

Complaint. P. Kopeiko. Uzbekistan 19 no. 1:26-27 Ja '60.

UZBEKISTAN—CHINESE LANGUAGE—STUDY AND TEACHING

Dear friend! V. Dolotin. Uzbekistan 19 no. 3:13 Mr '60.

UZBEKISTAN—COLLECTIVE FARMS—FINANCE

Communal assets of Uzbekistan collective farms. N. I. Chumanova. Izv. AN Uz. SSR no. 7:67-76 '56.

UZBEKISTAN—COMMUNIST PARTY OF THE SOVIET UNION—CONGRESSES

Wide horizons. Uzbekistan 19 no. 3:2 Mr '60.

UZBEKISTAN—CONSTRUCTION INDUSTRY

In the Kazakhstan Office of State Construction. Biul. stroi. tekh. 18 no. 5:37-38 My '61.

This will be in 1960. Uzbekistan 19 no. 1:12 Ja '60.

UZBEKISTAN—CONSTRUCTION INDUSTRY—ACCOUNTING

New standards for overhead in construction in Uzbekistan and Kazakhstan. Biul. stroi. tekh. 18 no. 5:25 My '61.

UZBEKISTAN—COTTON GROWING

Development of cotton growing as related to tasks facing Uzbekistan scientists during the sixth five-year plan. Izv. AN Uz. SSR no. 7:3-9 '56.

Dividing the cotton belt of Uzbekistan into districts. L. M. Teodorovich, B. A. Pal'shin, L. N. Babushkin. Izv. AN Uz. SSR no. 12:3-13 '56.

Take the victory report, party! Uzbekistan 18 no. 12:3 D '59.

Tursuna has thousands of followers. M. Kalumov, V. Popov. Komsom. zhizn' no. 11:10-11 Je '61.

Work of tractor units at high speeds on cotton farms. M. Akhmedzhanov. Izv. AN Uz. SSR no. 12:15-24 '56.

UZBEKISTAN—DAIRY INDUSTRY

Current status and prospects of the dairy industry in Uzbekistan. Z. I. TSunts. Izv. AN Uz. SSR no. 9:30-34 '56.

UZBEKISTAN—DIGESTIVE ORGANS—DISEASES

Urgent problems in gastrointestinal pathology. A. A. Askarov. Med. zhur. Uzb. no. 4:3-7 Ap '61.

UZBEKISTAN—ECONOMIC CONDITIONS

Glory to the party! Uzbekistan 18 no. 11:3 N '59.

Plenary session of the Council on Productive Forces of the Republic of the Uzbek Academy of Sciences. V. F. Suslov. Izv. AN Uz. SSR no. 6:113-114 '56.

Toward the plenum. Uzbekistan 18 no. 11:5 N '59.

UZBEKISTAN—ECONOMIC RESEARCH

Contribution of economists to the national economy of Uzbekistan. Z. I. TSunts. Izv. AN Uz. SSR no. 10:101-103 '56.

UZBEKISTAN—EFFICIENCY, INDUSTRIAL

The brigades and progressive workers of communist labor [in Uzbek with summary in Russian] F Otipov Obshchestv nauki v Uz no 1 18-21 '61

UZBEKISTAN—FARM MECHANIZATION

Take the victory report, party! Uzbekiston 18 no 1?-? D '59.

With an agronomist at the head A Abdufattakhov. Uzbekiston 19 no 2,13 F '60

UZBEKISTAN—FOOD INDUSTRY

Current problems facing the Uzbekistan food industry and prospects for its development Z I TSunts Obshchestv nauki v Uz no 1 9-17 '61

UZBEKISTAN—FORTIFICATIONS, OLD

The "Kanpirak Wall", the history of ancient fortifications in Uzbekistan Kh Mukhamedov Obshchestv. nauki v Uz no 1 42-50 '61

UZBEKISTAN—FRUIT TREES

Features of autumn frost damage to orchards and restorative measures in Uzbekistan A A Rybakov Izv AN Uz SSR no 12 39-49 '56

UZBEKISTAN—GAS, NATURAL

To the Central Committee of the Communist Party of the Soviet Union, the Council of Ministers of the Soviet Union, and to Comrade N. S. Khrushchev, First Secretary of the Communist Party of the Soviet Union and the Chairman of the Council of Ministers of the Soviet Union, Sh. Rashidov, A. Alimov, A. Kortunov, Stroi. truboprov 6 no. 2 2 F '61.

UZBEKISTAN—GAS, NATURAL—PIPELINES

To the laborers, engineering and technical workers, and employees of the building and assembly organizations of the Main Administration of the Gas Industry of the Soviet Union and of the Ministry of Construction of Uzbekistan who are carrying out the construction of the Dzharkak - Bukhara - Samarkand - Tashkent gas line. Stroi truboprov. 6 no. 2 1 F '61.

UZBEKISTAN—GEOLOGY, STRUCTURAL

Alpine tectonics of the western extremity of the Zirabulak-Ziaetdin anticlinal uplifts and their connection with the Kagan group of "positive" folds Sh D Davlatov. Uzb geol zhur. no 2 67-72 '61

UZBEKISTAN—GRAPES

Winter hardiness of the grapevine in Uzbekistan. I. N. Kondo Izv AN Uz SSR no 12 51-54 '56.

UZBEKISTAN—GRAVITY

Geological interpretation of gravity anomalies in western Uzbekistan. B M. Gelman Geol nefti i gaza 1 no. 4 21-22 Ap '60.

UZBEKISTAN—HEMATOLOGY

Out-of-town conference of the Uzbek Research Institute of Hematology and Blood Transfusion. S. A. Aganzamkhodzhaev, V. G. Mikhailov. Med. zhur. Uzb. no. 11: 76 N '60.

UZBEKISTAN—HISTORY—SOURCES

New acquisitions of the Central State Archives of the Uzbek S S R M Vekselman, G Dmitriev Obshchestv. nauki v Uz no 1 68 '61

UZBEKISTAN—HYMENOPTERA

Hymenoptera parasitic on cutworms in Uzbekistan. A N. Tuzbetskii Uzb biol zhur. no 2 31-34 '60

UZBEKISTAN—JOURNALISM

Put all our reserves in action F. E. Titov. Sov. pech. no 4 21-24 Ap '61

UZBEKISTAN—JUSTICE, ADMINISTRATION OF

They are caught but still... they are not thieves? G Nikolaev. Uzbekiston 18 no. 11 26-27 N '59.

UZBEKISTAN—MEDICINE—STUDY AND TEACHING

Raise the qualifications of medical personnel by their efforts. R. R. Farkhadi, P. L. Polianskaia. Med. zhur. Uzb. no. 11:71-72 N '60.

UZBEKISTAN—MINERALOGICAL RESEARCH

Petrologic and metallogenic research in 1960 in the laboratory of the Metallogenic Institute of Geology of the Academy of Sciences of the Uzbek S. S. R. T. M Matsokina-Voronich, O. M. Borisov. Uzb. geol zhur. no 2 86-88 '61.

UZBEKISTAN—MINERALOGY

Processes of authigenic mineralization in lower Mesozoic formations in southern Uzbekistan. V. I. Troitskii Uzb. geol. zhur. no. 2 58-65 '61.

UZBEKISTAN—MOTION-PICTURE PLAYS

"Second flowering." A. Anichkin. Uzbekiston 18 no. 11: 25 N '59.

UZBEKISTAN—MOTOR VEHICLES—TRAILERS

Trailers on the roads of Uzbekistan. Z. Abrarov. Avt. transp. 39 no. 5:21 My '61.

UZBEKISTAN—PARASITOLOGY

Republic conference on the control of parasitic diseases in Uzbekistan. A. M. Bykhovskaia. Med. zhur. Uzb no. 11 74-75 N '60.

UZBEKISTAN—PASTURES AND MEADOWS

Conference on the use and improvement of desert pastures N. S. Zaprometova. Uzb biol. zhur. no 2:60-62 '61

Problems in the study of biogeochemical provinces of western Uzbekistan. M. A. Rish. Trudy Biogeokhim. lab. no. 11 154-163 '60.

UZBEKISTAN—PHOTOGRAPHY—EXHIBITIONS

Investigators of new developments. S. Mukhamedov. Sov. foto 21 no. 5 10-13 My '61.

UZBEKISTAN—POLITICS AND GOVERNMENT

Bagdasarov, IU. M. [Effective organs of the soviets of workers' deputies, from the experience of the standing committees of the local soviets of workers' deputies in the Uzbek S. S. R.] Aktivnye organy Sovetov deputatov trudiashchikhsia, iz opyta raboty postoiannykh komissii mestnykh Sovetov deputatov trudiashchikhsia Uzbekskoi SSR. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1959. 58 p.

Wonderful act of friendship and brotherhood. Uzbekiston 18 no 12 1 D '59.

UZBEKISTAN—PSYCHOLOGICAL SOCIETIES

In the Uzbek Republic Section of the Psychological Society. M. G. Davletshin Vop. psikhol. 6 no. 3:203-205 My-Je '60

UZBEKISTAN—PUBLIC HEALTH

Hygienic planning for populated areas and objectives in eliminating some infectious diseases in Uzbekistan R S Sagatov, K S Zairov, V M. Boiko Med zhur Uzb no 3 3-9 Mr '61

UZBEKISTAN—REFRACTORY MATERIALS

Grog firebricks made of Uzbek refractory raw materials. R. M. Sheikh-Zade, F. Kh. Tadzhiev. Ogneupory 25 no. 5:217-218 '60.

UZBEKISTAN—RELATIONS (GENERAL) WITH CZECHOSLOVAKIA

Voice of our friends. Uzbekiston 18 no. 11:17 N '59.

UZBEKISTAN—RESEARCH

Research organization tasks of the Uzbek Academy of Sciences in the light of directives of the 20th Congress regarding the sixth five-year plan Izv. AN Uz SSR no. 6 3-13 '56

UZBEKISTAN—RUSSIAN LANGUAGE—STUDY AND TEACHING

Lenin talked it.... T. Mirochnik. Uzbekiston 18 no. 11: 13 N '59.

UZBEKISTAN—SALSOLA

Shrub-type Salsola from Uzbekistan deserts, regarding their introduction into cultivation N. S. Zaprometova. Trudy Inst bot. AN Uz SSR no 5 309-386 '59.

UZBEKISTAN—SHEEP

Acclimatization of fine-wool sheep in Uzbekistan P. F Kliatkin. Izv AN Uz SSR no. 1,27-32 '56

UZBEKISTAN—SIEROZEM SOILS

Porosity of typical irrigated sierozems at the Akkabak Central Farming Station as related to the role of grass in cultivation L. B Smolina Uzb biol zhur. no 2 58-65 '60.

UZBEKISTAN—SOCIAL SCIENCES—PERIODICALS

From the editor Obshchestv. nauki v Uz no 1 3-5 '61

UZBEKISTAN—SOCIALIST COMPETITION

Members of the Communist Youth League. G. Khairulin. Uzbekiston 18 no. 11:9 N '59.

UZBEKISTAN—STEEL INDUSTRY

Steel is running! A Salenok. Uzbekiston 19 no 4:3-5 Ap '60

UZBEKISTAN—SULFIDES

Pseudomorphism of sulfides of sedimentary origin A D Shmulevich. Uzb geol zhur no 2:73-77 '61

UZBEKISTAN—TAX ACCOUNTING

Go deeper into economics. V. Muratkhodzhaev. Fin. SSSR 22 no. 5:26-31 My '61.

UZBEKISTAN—TEXTILE INDUSTRY

Socialist competition of Uzbekistan textile workers during the first years of the fourth five-year plan (1946-1947). S Saliev Izv. AN Uz SSR no. 11:93-102 '56.

UZBEKISTAN—THEATER

Rakhmanov, M. [Khamza and the Uzbek theater] Khamza i uzbekskii teatr. Pod red. Georga Golan. Tashkent, Gos. izd-vo khudozh. lit-ry UzSSR, 1960. 319 p.

UZBEKISTAN—TRANSPORTATION, AUTOMOTIVE—LABOR PRODUCTIVITY

Highway transport workers of Uzbekistan prepare to welcome the 22d Congress of the CPSU with suitable achievements. Avt transp. 39 no 4 6 Ap '61.

UZBEKISTAN—TRICHODESMA—TOXICOLOGY

Course of pulmonary tuberculosis in trichodesmotoxicosis Sh A Alimov Sbor trud Uz nauch -issl tub inst 3 47-51 '57

UZBEKISTAN—TUBERCULOSIS

Surgical treatment of pulmonary tuberculosis under the conditions of Uzbekistan (extrapleural pneumolysis, thoracoplasty, cavernotomy) K I Ruban Sbor trud Uz nauch -issl tub inst 3 95-102 '57

UZBEKISTAN—TUBERCULOSIS—PREVENTION

Joint conference on research and practice. A. M. Volokhvianskii. Med. zhur. Uzb. no. 11 76-77 N '60.

UZBEKISTAN—WALLS

Ancient structures. Kh. Mukhamedov. Uzbekiston 19 no. 3 26-27 Mr '60.

UZBEKISTAN—WATER RESOURCES DEVELOPMENT

First Republic conference on problems in the over-all utilization of Uzbekistan waters N. A Stepanova Uzb biol zhur no 2 69 '60

UZBEKISTAN—WOMEN

Ardent patriots of their country. Uzbekiston 19 no. 3 2 Mr '60.

UZBEKISTAN—WOMEN—EMPLOYMENT

Biographies like many others. A. Moskaleva. Uzbekiston 19 no. 3:6-7 Mr '60.

Pages of an album. Vladimir Knipp. Uzbekiston 19 no. 3:9 Mr '60.

Taxi driver. A. Chumachenko. Uzbekiston 19 no. 3:10 Mr '60.

UZBEKISTAN—WOMEN AS FARMERS

Great force. Rakhima Islamova. Uzbekiston 19 no. 3: 17 Mr '60.

UZBEKISTAN—WOOL

Quality of wool from fat-tail sheep of Uzbekistan N. S Peregelitsyna Izv. AN Uz SSR no 6 69-74 '56

UZBEKISTAN—WRESTLING

"Moscow" character A Bronshtein Uzbekiston 19 no. 2:21 F '60

VACATIONS, EMPLOYEE

Replies to our readers. G. Shmal' and others. Sov. profsoiuzy 17 no 11 41 Je '61.

Replies to our readers' questions. Sov. profsoiuzy 17 no. 10 11-45 My '61.

VACCINATION

Antipyretic effect of pyramidon in post-vaccinal fever, dinitrophenol hyperthermia, and experimental diphtheria intoxication [with summary in English]. L. N. Bystrova. Biul. eksp. biol. i med. 51 no. 2,37-41 F '61.

Effect of hypothermia on agglutinin production and on changes in blood serum protein fractions during vaccination [with summary in English] V I Andreichenko, I IA Danilova Pat fiziol i eksp. terap 4 no 2 32-37 Mr-Ap '60

In the battle with the invisible Ed Arenin Zvezda no 4 172-173 Ap '61.

Result of treating patients with generalized brucellosis with antibiotics and vaccines under hospital conditions L. V. IArovoi, V. F. Birlukova, V. A. Shalomaenko Antibiotiki 6 no. 3:238-240 Mr '61.

VACUUM

Equipment for studying the cohesion of metals and alloys in a vacuum. V. V. Nichushkin. Izv. vys. ucheb. zav.; mashinostr. no. 3:58-63 '61.

VACUUM GAUGES—TESTING

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 2-54 for checking standard spring manometers and vacuummeters] Instruktsiia 2-54 po poverke obraztsovykh pruzhinnykh manometrov i vakummetrov. Izd. ofitsial'noe. Moskva, 1957. 14 p.

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 4-53 for checking spring manometers, vacuum gauges and pressure vacuum gauges] Instruktsiia 4-53 po poverke rabochikh pruzhinnykh manometrov, vakummetrov i manovakuummetrov. Izd. ofitsial'noe. Moskva, 1954. 14 p.

VACUUM METALLURGY

Determination of hydrogen content in aluminum alloys by the vacuum extraction method. A. P. Gudchenko, A. I. Leont'ev. Trudy MATI no. 40 137-159 '61.

Preparing high-purity zinc and the method of its control. V. M. Amonenko, A. A. Kruglykh, I. I. Popirov. Fiz. met. i metalloved. 11 no. 4:633-635 Ap '61.

Vacuum treatment of armco iron in the ladle. N. P. Zhetvin. Stal' 21 no. 6:522 Je '61.

VACUUM PUMPS

Liquid ring pressure on the body of a rotary vacuum pump and the distribution of velocities in the liquid ring. V. I. Teterlukov Khim mash. no. 3 22-24 My-Je '60

VAGINA

Significance of cytology of the vaginal secretions in premature births. M. I. Niedzvietska. Ped., akush. i gin. 22 no. 4 60-61 '60.

VAGUS NERVE

Characteristics of the functional state of the nucleus of the vagus nerve during relative starvation and satiety. N. V. Asmatan, K. V. Sudakov Fiziol. zhur. 47 no. 5 605-611 My '61

Development of vagus nerve neurons in man [with summary in English] S. M. Milenkov Arkh. anat. gist. i embr. 40 no. 4 111-115 Ap '61

Effect of the vagus nerve and acetylcholine on the rest potential of the heart Khuan Sin-ia [Huang Hsing-ya] Fiziol. zhur. 47 no. 3, 341-348 Mr '61

Electromyographic analysis of changes in the function of the respiratory musculature following resistance to respiration before and following section of the vagus nerve [with summary in English]. In' Chi-chzhan [Yin Chi-chang]. Biul. eksp. biol. i med. 50 no. 10 31-40 O '60.

Tone of the cardiac center of the vagus nerve in dogs following X-ir radiation. V. V. Antipov Pat. fiziol. i eksp. terap. 4 no. 4 75 Jl-Ag '60

VAGUS NERVE—SURGERY

Characteristics of anemia induced by division of the vagus nerve [with summary in English] R. A. Durinian Biul. eksp. biol. i med. 49 no. 2 50-55 F '60.

Effect of vagotomy on the bile secretory function of the liver G. E. Sabunov Fiziol. zhur. 47 no. 5 624-629 My '61

Reactions of Dogel's neurons of the 2d type in Auerbach's plexus of the duodenum following vagotomy [with summary in English] L. I. Evseeva. Arkh. anat. gist. i embr. 40 no. 3 16-21 Mr '61

Structural and functional changes in the heart caused by section of the vagus nerve [with summary in English]. I. A. Chervova. Arkh. anat. gist. i embr. 39 no. 7 13-22 Jl '60

VAKHRUSHOV, FEODOSII MIKHAILOVICH, 1870-1931

Ivenskii, S. G. Feodosii Mikhailovich Vakhrushov, 1870-1931. [Vologda] Vologodskoe knizhnoe izd-vo, 1960. 63 p. (MH)

VALDAY DISTRICT—SPRINGS

Mineral springs of Valday. A. V. Gembel'. Priroda 50 no. 5 60 My '61.

VALENCE (THEORETICAL CHEMISTRY)

Study of basic chemical laws and valence. F. G. Fel'dman Khim. v shkole 15 no. 2 21-28 Mr-Ap '60.

VALERIAN

Cherlkovskaia, T. IA., and N. N. Pigulevskaia. [Concise methodological manual on biological standardization of cardiotonics and valerian] Kratkoe metodicheskoe posobie po biologicheskoi standartizatsii serdechnykh sredstv i valeriany. Pod red. N. G. Polikova. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 90 p. (DNLM)

VALLEYS

(see also subdivision under Central Russian Upland; Volga Hills)

"Gorges" in mountain river valleys N. P. Kostenko Izv. vys. ucheb. zav., geol. i razv. 3 no. 12 8-14 D '60

VANADIUM-CHROMIUM ALLOYS—METALLOGRAPHY

Constitution diagram and properties of vanadium-chromium alloys. E. M. Savitskii, V. V. Baron, Iu. V. Efimov Trudy Inst. met. no. 4, 230-235 '60

VANADIUM COMPOUNDS

Effect of organic complexing agents on the oxidation-reduction potential of the V^{4+}/V^{3+} system [with summary in English] I. A. Tsirkovnitskaia, I. D. Prudnikov, N. A. Kustova Vest. LGU 16 no. 10-133-136 '61

VANADIUM SALTS

Superfine structure of the electron paramagnetic resonance line in aqueous solutions of V^{2+} salts. M. S. Garif'ianov. Dokl. AN SSSR 136 no. 3 612-613 My '61

VAPOR CONDENSERS see Condensers (Vapors and gases)

VAPOR PRESSURE

Combination method for calculating the temperature dependence of vapor pressure. Part 6. Monoalkylamines [with summary in English]. M. Kh. Karapet'iants, Chen Guang-iue (Chêng Kuang-yueh). Zhur. fiz. khim. 35 no. 4 782-788 Ap '61.

Measurement of the saturated vapor pressure of solid lithium oxide [with summary in English] A. N. Nesmeianov, L. P. Belykh. Zhur. fiz. khim. 34 no. 4 841-844 Ap '60

Vapor pressure over other solutions of uranyl nitrate. V. M. Vdovenko, D. N. Suglobov, L. G. Mishirov. Radiokhimiia 3 no. 2 173-180 '61.

VARIATION (BIOLOGY)

A contribution to the mutation theory M. V. Volkenshtein, A. M. Eliashevich Dokl. AN SSSR 136 no. 5, 1216-1218 F '61

VARIX

Effectiveness of surgical treatment of varicose veins of the lower extremities from the point of view of remote results A. F. Khakhuta Khirurgiia 37 no. 5 38-42 My '61

Operative treatment of varicose veins of the lower extremities N. I. Kolesnikova Khirurgiia 37 no. 5 43-46 My '61

VARNISH AND VARNISHING

Conventional symbols for paint and varnish coatings. I. G. Koroneva. Standartizatsiia 25 no. 5 45-47 My '61.

New varnish for the finishing of furniture and radio cabinets. G. L. Mishchenko, O. IA. Podshivalova. Der. prom. 10 no. 9 17-18 Mr '61.

New varnish paints for electric locomotives. S. M. Zaitseva. Trudy TSNII MPS no. 208 114-129 '61.

New varnish paints for the rolling stock and prospects of their application. S. N. Kazarnovskii. Trudy TSNII MPS no. 208 4-24 '61.

Weather resistance of varnish coatings. S. N. Kazarnovskii, G. M. Skalina. Trudy TSNII MPS no. 208 25-65 '61.

VARZOB VALLEY—PHYSICAL GEOGRAPHY

Geomorphological study of the Varzob River Basin A. N. Promtov. Uch. zap. Stal. gos. ped. inst. no. 21 5-58 '59.

VASHKOVTSY DISTRICT—COMMUNITY CENTERS

Groups and their leaders. M. Lolev, Sots. kul't. 14 no. 5 17-18 My '61.

VASIL'EV, IVAN IVANOVICH, 1884-1949

Ivan Ivanovich Vasil'ev, on his 75th birthday. Trudy MIIT no. 113 5-7 '59.

[illegible]

...sive compounds on the serotonin ...affin cells of the intestine (Kul'... summary in English]. M. D. Mash..., N. G. Shaklinazarova. Farm. i a-F '61.

...sive substances on the develop... atherosclerosis [with summary in ...va. Pat. fiziol. i eksp. terap. 4 ...

...moregulation in baby rats during ... J. Krecek, H. Dlouha, J. Krec... 22 no. 2 80-94 Mr-Ap '61.

...lting

...EVGEN'EVNA

...Borzenko. Sov. pech. no. 5 33-35

...VICH, 1891-1951

...of light; on the occasion of the ... birth of Academician Sergei ... Kuznetsov. Nauka i zhizn' ...

...research organizer; on the 70th ... of S. I. Vavilov. A. N. Nesmeia... 37-42 My '61.

VECTOR ANALYSIS

Theory of optimal follow-up. D. L. Kelendzheridze Dokl. AN SSSR 138 no. 4 529-532 My '61

VEDERNIKOV, ALEKSANDR FILIPPOVICH, 1927-

Aleksandr Vedernikov I. Poliakova Sov. muz. 25 no. 5 31-35 My '61

VEDERNIKOV, ANATOLII

Pianists. A. Gotlib, D. Rabinovich, Mstislav Smirnov. Sov. muz. 25 no. 6 153-156 Je '61.

VEGETABLE GARDENING

(see also subdivision under Germany, West, Karaganda Province; Moscow Province)

Accelerating the development of grafted biennial vegetables [with summary in English]. V. I. Razumov. Trudy po prikl. bot., gen. i sel. 32 no. 3 87-90 '59.

Daylight fluorescent lamps and the forcing of green vegetables in winter. O. D. Skudnaia. Sbor. nauch. rab. [by] otd. VNO no. 1 72-77 '59.

VEGETABLE TRADE see subdivision under Moscow

VEGETABLES

(see also subdivision under Astrakhan Province, Moscow Province)

Effect of low and varying temperatures on the development of certain vegetables [with summary in English]. N. D. Feofanova. Trudy po prikl. bot., gen. i sel. 32 no. 3 97-107 '59.

Significance of late fall and early spring sowing in the breeding of biennial vegetables and forage root crops [with summary in English]. P. P. Gusev. Trudy po prikl. bot., gen. i sel. 32 no. 3 139-145 '59.

VEGETABLES—STORAGE

Some features of building and operating vegetable store houses V. Felonin Sel'stroi 15 no. 3, 32 Mr '61

VEGETATION AND CLIMATE see subdivision under Volga Valley

VEINS

Effect of various factors on venous tone. G. N. Belova, V. V. Petrovskii, D. I. Smirnov Fiziol. zhur. 47 no. 2 237-246 F '61

VEINS—DISEASES

Mondor's disease. P. K. Stoianov Khirurgiia 37 no. 5 122-123 My '61

Two observations on Mondor's disease. V. A. Uzlo. Khirurgiia 37 no. 5 123-124 My '61

VEITS, VENIAMIN ISAAKOVICH, 1905-1961

Veniamin Isaakovich Veits. Gidr. stroi. 31 no. 1 69 Ap '61.

VELIKIY GLUBOCHEK DISTRICT—CATHOLIC CHURCH

Secret of an old church. O. Orlamenko. Volov. ateist no. 4, 35-37 Ap '61.

VELIKIYE LUKI—AERONAUTICS IN AGRICULTURE

Air pilots in an agricultural institute. B. Shumovenkov. Grazhd. av. 18 no. 5 11 My '61.

VELIKOMIKHAYLOVKA DISTRICT—BUSINESS—FORMS, BLANKS, ETC.

A deficient form. M. N. Glushkov, T. T. Pakhomov. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 6 24-26 Je '61.

VELIKOMIKHAYLOVKA DISTRICT—STOCK AND STOCK-BREEDING

A deficient form. M. N. Glushkov, T. T. Pakhomov. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 6 24-25 Je '61.

VENA AZYGOS—INNERVATION

Neural apparatus of the wall of the vena azygos in cats and sources of its innervation (experimental and morphological investigations) [with summary in English] V. V. Ginzburg Arkh. anat. gist. i embr. 40 no. 4 58-61 Ap '61

VENA CAVA

Effect of some hormonal and medicinal substances on receptors of the venae cavae and heart; experimental and morphological investigations [with summary in Eng.,Hung] IA. L. Karaganov Arkh. anat. gist. i embr. 40 no. 5 108-113 Ap '61

VENA CAVA—DISEASES

Thrombosis of the superior vena cava. E. R. Guglin, V. V. Nedogoda. Klin. med. 39 no. 5 140-141 My '61.

VENA CAVA—SURGERY

Repair of defects of the venae cavae; experimental study. M. G. Strotkina. Khirurgiia 37 no. 5 12-15 My '61

VENDING MACHINES

Semiautomatic newspaper vending machines. G. Somov. Raspr. pech. no. 4 19 Ap '61.

ENEERS AND VENEERING
(see also subdivision under United States)
Machine for the veneering of panels (from "Woodworking Industry," 17 no. 6, 1960) Der. prom. 10 no. 3:33 Mr '61
New developments in the field of veneer drying (from "Wood and Wood Products," 65 no. 8, 1960). Der. prom. 10 no. 3-31 Mr '61.
Pneumatic press with electric contact heating for the veneering of columns M. B. Liuterishtein. Der. prom. 10 no. 3 19-20 Mr '61.
Use of the NIIF-ST-4 conveyer-dryer for drying planed veneer. V. G. Titarchuk. Der. prom. 10 no. 3, 27-28 Mr '61.

ENEREAL DISEASES
Reference book and methodological aid on infectious skin and venereal diseases (for rural subprofessional medical personnel)" by B. D. Pletnev, V. P. Sergeev. Reviewed by G. G. Kondrat'ev. Fel'd. i akush. 26 no. 5 62-63 My '61.

ENEZUELA—COMMUNIST PARTY
For the national liberation of our country. Jesus Faria. Part. zhizn' no. 11 55-59 Je '61.

ENEZUELA—POLITICS AND GOVERNMENT
Venezuela three years later. Vsem. stud. nov 15 no 1: 16-17 Ja '61

ENEZUELA—STUDENTS
Venezuela three years later. Vsem. stud. nov 15 no 1: 16-17 Ja '61.

ENICE—HISTORY
Competition between Venice and other Italian republics for predominant position in the Orient in the 12th and the 13th centuries N. P. Sokolov. Uch. zap. GGU no. 46 53-81 '59

ENOM
Significance of blood coagulation in the mechanism of snake venom poisoning [with summary in English] Z. S. Barkagan, B. V. Polushkin Pat. fiziol. i eksp. terap. 4 no. 2 48-54 Mr-Ap '60

ENOM—PHYSIOLOGICAL EFFECT
Case of amaurosis following snakebite. T. T. Khoat, N. Z. Khna, N. S. Leo. Oft. zhur. 16 no. 3:187-188 '61.

ENUS (PLANET)
Lomonosov's great discovery V. Konopl'ova. Ukraina no. 14:3 Je '61
Venus, the mysterious planet. Jean Verdier. V vashch. mire no. 5 80-83 My '61.

ENUS (PLANET)—BIBLIOGRAPHY see Bibliography—Venus (Planet)

ENUS PROBES
From Earth to Venus. N. Rozenblit. Znan. ia pratsia no. 4:18-20 Ap '61.
Toward Venus! Ukraina no. 10:1 My '61.
Venus, the mysterious planet Jean Verdier. V vashch. mire no. 5 80-83 My '61

EREISKII, OREST GEORGIEVICH, 1915-
Kamenskii, A. A. Orest Georgievich Vereiskii. Moskva, Sovetskii khudozhnik, 1960. 202 p.

ERESAEV, VIKENTII VIKENT'EVICH, pseud. see Smidovich, Vikentii Vikent'evich, 1867-1945

ERESHCHAGINA, ANASTASIIA IVANOVNA
Anastasiia Ivanovna Vereshchagina. L. M. Soldatkina. Med. sestra 20 no. 4:59 Ap '61.

ERKHNECHIRCHIKSKIY DISTRICT—STOCK AND STOCKBREEDING
Stockbreeders. Uzbekiston 19 no. 3:18-19 Mr '60.

ERKHOYANSK RANGE—GEOLOGY, STRATIGRAPHIC
New data on the Devonian stratigraphy and volcanism of the eastern Verkhoyansk Range. K. K. Levashov. Izv. Sib. otd. AN SSSR Geol i geofiz. no. 1:64-71 '58.

ERKHOYANSK RANGE REGION—GOLD ORES
Gold deposits in the northwestern Verkhoyansk-Chukchi folded area [with summary in English]. I. IA. Nekrasov, I. S. Rozhkov, A. I. Borodianskii. Geol. i geofiz. no. 4:64-73 '61.

ERNALIZATION
Biochemical processes which take place during the vernalization of winter wheat under normal conditions and following processing with different solutions. G. Valutsa, I. Brad. Biokhim zerna no. 5 87-99 '60
Effect of the oxidation-reduction properties of solutions absorbed by seeds on the vernalization rate and branching of ears [with summary in English]. F. IA. Mekhanik. Fiziol. rast. 8 no. 3:330-337 '61.
Moist heating and the vernalization of forage lupine seeds [with summaries in English, German, and French]. IU. K. Melikhova. Vest. sel'khoz. nauki 6 no. 5:29-30 My '61.
Stage development of winter barley under conditions of fall planting. N. M. Fedulova. Agrobiologiia no. 3:357-361 My-Je '61

VESTFOLD HILLS, ANTARCTICA—PETROLOGY
Rocks of Vestfold Oasis. M. G. Ravich. Trudy NIIGA 113,25-52 '60.

VESTIBULAR APPARATUS
Changes in skin temperature in vestibular irritations [with summary in English]. B. A. Nakhapetov Vest. otorin. 22 no. 1 25-28 Ja-F '60.
Method for the exclusion of hearing and the destruction of the vestibular apparatus in rabbits [with summary in English] A. B. Tsypin, IU. G. Grigor'ev Biul. eksp. biol. i med. 51 no. 2,114 F '61
Modern method for clinical vestibulometry in the light of experimental data. S. N. Khechinashvili. Vest. otorin. 22 no. 1:3-17 Ja-F '60.

VETCH see subdivision under Moscow Province

VETERANS
They are everywhere, soldiers of our Motherland! Sov voin. 41 no. 6 18-19 Mr '60.

VETERINARY ANATOMY
"General anatomy of domestic animals" by V. N. Zhedenev Reviewed by S. N. Bogoliubskii Arkh. anat. gist. i embr. 39 no. 7:108-110 Jl '60.

VETERINARY EMBRYOLOGY
Significance of morphological study of the placenta for the determination of some characters in newborn farm animals [with summary in English]. K. M. Kurnosov. Zhur. ob. biol. 22 no. 2:108-112 Mr-Ap '61.

VETERINARY INSTRUMENTS AND APPARATUS
Vsesoiuznoe soveshchanie izobretatelei i ratsionalizatorov v oblasti veterinarii, 1st, 1958. [Invention and innovation in veterinary medicine, materials of the First All-Union Conference, 1958] Izobretatel'stvo i ratsionalizatsiia v veterinarii; materialy. Moskva, Izd-vo M-va sel'khoz. SSSR, 1960. 188 p. (DA)

VETERINARY MEDICINE
Effect of tissue extracts on the immunobiological reactivity of animals. Z. I. Doroha. Visnyk sil'hosp nauky 4 no. 4 87-92 Ap '61

VETERINARY MEDICINE—CONGRESSES
Vsesoiuznoe soveshchanie izobretatelei i ratsionalizatorov v oblasti veterinarii, 1st, 1958. [Invention and innovation in veterinary medicine, materials of the First All-Union Conference, 1958] Izobretatel'stvo i ratsionalizatsiia v veterinarii; materialy. Moskva, Izd-vo M-va sel'khoz. SSSR, 1960. 188 p. (DA)

VETERINARY MICROBIOLOGY
Sefershaev, M. A., and A. I. Shapovalova. [Role of microorganisms in stockbreeding] Rol' mikrobov v zhivotnovodstve. Pod red. V. V. Kuz'mina. Moskva, Gos. izd-vo sel'khoz. lit-ry 1960. 101 p. (DA)

VETERINARY PARASITOLOGY
Among Czechoslovakian scientists. L. G. Galuzo. Vest. AN Kazakh. SSR 17 no. 4:96-97 Ap '61

VETERINARY PHYSIOLOGY
Biogeochemical provinces rich in nickel and copper. A. D. Gololobov. Trudy Biogeokhim. lab. no. 11:178-188 '60.
Hematological patterns in laboratory animals (cats and rabbits) and principles of their formation S. A. Seleznev, I. A. Il'inskii, O. P. Kharborova Fiziol. zhur. 47 no. 5,650-654 My '61
Vitamin B_{12} synthesis in the organs of farm animals in biogeochemical provinces with different cobalt concentration. V. V. Koval'skii, IU. I. Raetskaia. Trudy Biogeokhim. lab. no. 11:102-108 '60.

VIBRATION
Combined method of determining the frequency of natural vibrations in structural frames. S. A. Dobrodeev. Trudy Ural. politekh. inst. no. 99:45-60 '60.
Forced vibrations in fixed frames. S. A. Dobrodeev. Trudy Ural. politekh. inst. no. 99:31-44 '60.
Forced vibrations of systems taking damping into consideration. G. V. Fedorkov. Trudy MIIT no. 131:178-189 '61.
Free vibrations in cylindrical shells. R. L. Malkina. Trudy Ural. politekh. inst. no. 99:61-70 '60.
Vibrations in elastic structures caused by transient inertia loads. V. T. Rasskazovskii. Izv. AN Uz. SSR no. 6, 99-102 '56.
Vibrations in the system elastic coupling - mass - limiter with one degree of freedom, taking force of resistance into consideration. V. I. Kopytov. Izv. vys. ucheb. zav.; gor. zhur. no. 9:68-76 '60.

VIBRATION—MEASUREMENT
Low-frequency vibrometer with a liquid seismic mass. V. V. Neshukaitis, S. E. Val'teris. Izm. tekh. no. 6: 18-21 Je '61.
Nauchno-tekhnicheskaia konferentsiia po vibrostendam i vibroizmereniiam, Leningrad, 1959. [Measurements of vibrations, verbatim reports] Vibroizmereniia, stenogrammy dokladov. Leningrad, Leningr. dom nauchno-tekhn. propagandy. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii RSFSR)
Pt. 1. 1960. 61 p.
Pt. 2. 1960. 62 p.

VIBRATION SPECTRUM see Spectrum, Molecular

VIBRATORS
Making reinforced concrete tubular elements by inserting the vibrating core. V. K. Miatlenig, G. K. Zirzenberg. Bet. i zhel.-bet. no. 5 202-208 My '60.
Metal vibroshutterings with non-detachable sides Bet. i zhel.-bet. no. 5 231-232 My '60
Using vibrating pans in the mechanization of asphalt and cement concrete plants. P. K. Simonenko. Avt. dor. 24 no. 3 25-26 Mr '61.
Vibrator resonance in the prevention of accidents in wells P. P. Pal'ianov. Razved. i okh. nedr 27 no. 2: 43-46 F '61
The VO-1a vibrator for sinking and extracting casings. N. S. Bershtam, A. E. Leitgol'd. Gidrostroi 30 no. 5. 50-51 My '60.

VIBRIO COMMA
Isolation and chemical study of the anatoxin of Vibrio comma [with summary in English] I. P. Maiorova Biokhimiia 25 no. 6 977-980 N-D '60
Studies on the preventive and therapeutic activity of certain antibiotics on Bac. perfringens, V. septique and Bac. oedematiens [with summary in English] IU. B. Safarov Antibiotiki 6 no. 1 55-58 Ja '61

VICILIN
Use of paper electrophoresis in testing the homogeneity of seed proteins [with summary in English]. IU. IA. Gofman, I. A. Vaintraub Biokhimiia 25 no. 6 1049-1054 N-D '60

VIDEO TAPE RECORDERS AND RECORDING see subdivision under Leningrad

VIENNA—LANDSCAPE GARDENING
Characteristic procedures in landscaping and beautifying residential units in Vienna. V. N. Belousov Gor. khoz. Mosk. 35 no. 4:38-3 of cover Ap '61.

VIENNA—PUBLIC OPINION
Vienna is proudly waiting. M. Podkluchnikov. Ogonek 19 no. 22,2-3 My '61.

VIETNAM—HISTORY, MILITARY
Some problems of military art in the "resistance war" of the Vietnamese people. G. Berdnikov. Voen.-ist. zhur. 3 no. 5:32-51 My '61.

VIETNAM—HUMUS
Nature of soil humus in tropics and humid subtropics [with summary in English]. Niu Tszi-vien' (Niu Chi-vên). Pochvovedenie no. 5:34-42 My '61.

VIETNAM, NORTH—EDUCATION
Visiting our Vietnamese friends. S. Liasmichy. Nar. asv no. 1:87-89 Ja '61

VIETNAM, NORTH—PUBLIC PROSECUTORS
Persistent strengthening of the people's democratic legality in the Democratic Republic of Vietnam. Le Ngyk Khyu. Sots. zakon. 30 no. 6,57-58 Je '61

VIETNAM, NORTH—SCIENCE
What Vietnamese scientists are working on. Bui Cong Trung. Nov. vrem 19 no. 23-25 Je '61

VIETNAM, NORTH—WOMEN—RIGHTS OF WOMEN
Vietnamese women have become their own masters. Nguen Din Lok. Sov. kust. no. 4 41-47 Ap '60.

VIETNAM, SOUTH—POLITICS AND GOVERNMENT
Crisis of the Saigon regime. S. Verbitskii. Nov. vrem. 19 no. 21,16-17 My '61.
Guang Loi. [South of the 17th parallel. Translated from the French. Preface by Le Din' Tkham] IUzhnee 17-i parallel. Moskva, Izd-vo inostr. lit-ry, 1960. 108 p.
A page from South Vietnam's student history Vsem. stud nov 15 no 2-14-15 F '61

VIETNAMESE LANGUAGE—TENSE
Ways of expressing tenses in the Vietnamese language. I. S. Bystrov, N. V. Stankevich. Uch. zap. LGU no 294: 84-91 '61.

VIETNAMESE LANGUAGE—VERB
Certain verbal constructions in the Vietnamese language. I. S. Bystrov. Uch. zap LGU no 294:92-99 '61

VIETNAMESE LITERATURE—HISTORY AND CRITICISM
Nguen Kong Khoan relates. . . . Inostr. lit no. 4 242-245 Ap '61.

VIEUSSEUX, GIOVANNI PIETRO, 1779-1863
G. Vieusseux's "Antologia" and problems of language. A. A. Kasatkin Uch. zap. LGU no. 299:101-105 '61.

VIGNA

Significance of the asparagus bean in breeding [with summary in English]. A. M. Pavlova. Trudy po prikl. bot., gen. i sel. 32 no. 3, 228-232 '59.

VIL'DANOVA, GALINA GARIFOVNA

Masseuse. L. M. Smirnov. Med. sestra 20 no. 3 48-50 Mr '61.

VILLARD, JEAN, 1895-

Villard presents Brecht. V. S. Teatr 22 no. 5 188-189 My '61.

VILYUY HYDROELECTRIC POWER STATION

Construction of the Vilyuy Hydroelectric Power Station. I. N. Batenchuk, G. I. Blianov, Gidr. stroi. 31 no. 4 3-7 Ap '61.

VILYUY VALLEY—FORESTS AND FORESTRY

Forests of the upper Vilyuy Valley. S. S. Cheremkhin. Trudy Inst. biol. IAFAN SSSR no. 7 243-259 '61.

VILYUY VALLEY—GEOLOGY, STRUCTURAL

Differentiation of the trappean magma in the valley of the Vilyuy River. V. L. Masaitis. Biul. VSEGEI no. 1 152-157 '58.

VILYUY VALLEY—WHITEFISHES

Ecology of the propagation of Coregonus peled (Gmelin) in some lakes of the Vilyuy River basin. P. I. Venglinskii. Uch. zap. LGU no. 36 240-249 '60.

VINE CROPS

Germination in cucurbitaceous plants. I. T. Vasil'chenko. Bot. zhur. 45 no. 1 564-566 Ap '60.

VINEGAR

Aromatic table vinegars. B. Usovskii. Obshchestv. pit. no. 5 23 My '61.

VINNIKI DISTRICT—DAIRYING

Kovinia, P. T. [Obtaining 505 centners of milk per 100 hectares of farmland] 505 tsentneriv moloka na 100 hektariv zemli. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1959. 38 p. (DA)

VINNITSA—DRUGSTORES

Drugstores in the Khmelnik District of Vinnitsa. I. K. Siforov. Farmatsev. zhur. 15 no. 1:65-67 '60.

VINNITSA PROVINCE—BANKS AND BANKING

State Bank business and people. I. Ivanov, K. Matrosova, N. Kononov. Den. i kred. 19 no. 5:49-55 My '61.

VINNITSA PROVINCE—PHYSICAL EDUCATION AND TRAINING

Practices of the Council of the Union of Athletic Societies and Organizations in Vinnitsa Province. M. I. Mikhailov. Teor. i prak. fiz. kul't. 24 no. 3:172-176 '61.

VINNITSA PROVINCE—PUBLIC HEALTH SOCIETIES

Work of the Vinnitsa Province branch of the Society of Hygienists in 1959. R. D. Gabovich. Gig. i san. 25 no. 7 106-108 Jl '60.

VINOKUROV, EVGENII

"Human countenance" by E. Vinokurov. Reviewed by Aleksandr Mezhirov. Znamia 31 no. 5 214-215 My '61.

VINYL ACETATE

Free-radical addition of carboxylic acids to vinyl acetate and allyl acetate. G. N. Nikishin, Iu. N. Ogibin, A. D. Petrov. Dokl. AN SSSR 136 no. 2 393-396 My '61.

Kinetics of vinyl acetate polymerization in methanol [with summary in English]. L. Aleksandrov, M. Opriish. Vysokom. soed. 3 no. 2:306-309 F '61.

Study of poly(vinyl acetate) solutions by the diffusion method [with summary in English]. K. G. Berdnikova, N. P. Dorofeeva. Vysokom. soed. 3 no. 2:232-236 F '61.

VINYL ALCOHOL

Electric conductivity of the system poly(vinyl alcohol) - zinc chloride (cadmium chloride) - water. N. G. Bardina, P. D. Lukovtsev. Zhur. prikl. khim. 33 no. 10:2234-2236 O '60.

Trityl ethers of polyvinyl alcohol. O. M. Klimova, V. E. Ketslakh. Zhur. prikl. khim. 33 no. 10:2319-2323 O '60.

VINYL COMPOUNDS

Use of novocaine solutions in polyvinyl-pyrrolidone for prolonged local anesthesia. B. G. Berkengeim. Trudy 1-go MMI 3:175-184 '57.

Water emulsified perchlorovinyl color compounds for reinforced concrete and other panels. A. S. Lelkin, Iu. A. Purinson. Stroi. mat. 7 no. 4:18-19 Ap '61.

VINYL ETHER

Polymerization of vinyl ether of methylcyclopropylcarbinol. M. F. Shostakovskii and others. Izv. AN SSSR Otd. khim. nauk no. 5:924-926 My '61.

VIOLIN—CONSTRUCTION

Stradivari's rival. Znan. sila 36 no. 2:30-35 F '61.

VIRGIN TERRITORY—AGRICULTURE

For high crop yields. M. Dovzhik. Sel'. mekh. no. 5:10-11 '61.

A great campaign continues! S. Andreev. Sov. profsoiuzy 17 no. 11 27-29 Je '61.

The riches of virgin lands. V. Matskevych. Ukraina no. 11 1-2 Je '61.

We are inspired by the trust of the party. Iu. Podtykanov. Mol. komun. no. 5 22-26 My '61.

VIRGIN TERRITORY—BOOKSELLERS AND BOOKSELLING

In the Virgin Territory. I. Ostrovskaia. Sov. knizh. torg. 13 no. 5, 14-18 My '61.

VIRGIN TERRITORY—GRAIN

Registers instead of passes. A. P. Ostrov. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 6:9-10 Je '61.

VIRGIN TERRITORY—MUSIC

From the editors. Sov. muz. 25 no. 6 61-64 Je '61.

In the Virgin Territory. A. Kal'berg. Sov. muz. 25 no. 6, 56-61 Je '61.

VIRGIN TERRITORY—NEWSPAPER AND PERIODICAL CIRCULATION

In the Virgin Territory. A. Vinokurov. Raspr. pech. no. 3:5 Mr '61.

VIRGIN TERRITORY—SOCIALIST COMPETITION

My friends, the virgin-land farmers. Ivan Khrushchev. Sov. profsoiuzy 17 no. 10 13-15 My '61.

When the workers' committee forgets about the main thing... V. Skryl'. Sov. profsoiuzy 17 no. 10 16-17 My '61.

VIRGIN TERRITORY—SPORTS

Sports in the Virgin Territory. Igor' TSekhanovskii. Smena 38 no. 8 12 Ap '61.

VIRGIN TERRITORY—STATE FARMS

Wide spaces. N. Vasil'ev. Smena 38 no. 8 10-11 Ap '61.

VIRIDINE see subdivision under Aldan Plateau

VIRUS DISEASES

Current status and future prospects in the study of the virus etiology of tumors. A. D. Timofeevskii. Vest. AMN SSSR 15 no. 4 17-29 '60.

Problem of transmittable virus infections at the Sixth International Congress on Tropical Medicine and Malaria in Lisbon. A. A. Smorodintsev. Vest. AMN SSSR 14 no. 1 58-68 '59.

VIRUSES

Antiviral preparation interferon [with summary in English]. Z. V. Ermol'eva and others. Antibiotiki 6 no. 3 196-200 Mr '61.

Electron microscope studies of polymorphism in myxoviruses. Report No. 2: Threadlike bodies and polymorphic chains in parotitis virus cultures [with summary in English]. V. M. Alekseeva. Zhur. ob. biol. 22 no. 2 149-151 Mr-Ap '61.

Infectivity of viral nucleic acids. V. I. Tovarnitskii, T. I. Tikhonenko. Usp. sovr. biol. 49 no. 1 19-36 Ja-F '60.

Serological detection of the virus of mammary cancer in mice during its cultivation on chick embryos [with summary in English]. F. I. Leikina, Z. I. Merkolova. Pat. fiziol. i eksp. terap. 5 no. 2:13-18 Mr-Ap '61.

VISCERA—DISEASES

Hemorrhages in diseases of the internal organs. S. G. Vaisbein. Med. sestra 20 no. 4:14-18 Ap '61.

VISCOSIMETER

Microviscosimeter [with summary in English]. S. I. Skliarenko and others. Zhur. fiz. khim. 34 no. 4 921-924 Ap '60.

VISCOSIMETER—TESTING

Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 265-54 for checking industrial capillary viscosimeters] Instruktsiia 265-54 po poverke rabochikh kapillarnykh viskozimetrov. Izd. ofitsial'noe. Moskva, 1957. 16 p.

Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 266-55 for checking VU viscosimeters used for determining relative viscosity] Instruktsiia 266-55 po poverke viskozimetrov VU dlia opredeleniia uslovnoi viazkosti. Izd. ofitsial'noe. Moskva, 1958. 10 p.

VISCOSIMETRY

Electrokinetic means of measuring the force of viscous friction in water-saturated sand under dynamic influences. L. D. Gorelik. Izv. VNIIG 65:205-214 '60.

Viscosity, crystallization processes, and the mineralogical composition of primary blast furnace slags. G. A. Sokolov. Trudy Inst. met. no. 4:46-52 '60.

VISCOSITY

F-scale method for the study of the viscosity of liquid petroleum products. V. B. Zenkevich, O. P. Evdokimov. Khim. i tekh. topl. i masel 6 no. 5:57-60 My '61.

Investigating certain physical processes occurring on the surface of crystals at high temperatures. Part 2. Role of viscous flow in smoothing out roughnesses on the surface of a solid. IA. E. Geguzin, N. N. Ovcharenko. Fiz. met. i metalloved. 11 no. 5 807-809 My '61.

VISHNEVSKII, FELIKS EVGEN'EVICH

Admiration for the beautiful. I. Belokon'. Moskva 4 no. 3 211-214 '60.

VISHNEVSKII, VSEVOLOD VITAL'EVICH, 1900-1951

From a generation of warriors. Bor. Medvedev. Teatr 22 no. 5 156 My '61.

VISHNEVYYE MOUNTAINS—ROCKS, IGNEOUS—ANALYSIS

Characteristics of the chemical and mineralogical composition of alkali rocks in the Vishnevyye Mountains. I. M. Lisitsyna, G. N. Makhitdinov, F. B. Khalezova. Trudy Inst. miner., geokhim. i kristallokhim. red. elem. no. 3 127-141 '59.

VISIBILITY

Accuracy of the approximate formula for the calculation of the oblique visual range. O. A. Avaste. Trudy GGO no. 109 3-12 '61.

Relation between the contrast sensitivity threshold and visual acuity as a basis for calculating the visibility of objects. N. G. Boldyrev, O. D. Bartenova. Trudy GGO no. 109 53-60 '61.

Relation between visibility and meteorological conditions. E. N. Dovgiallo. Trudy GGO no. 109 90-95 '61.

VISION

Biomorphological comparison of the systems of subcortical formation of visual and auditory analyzers in dogs [with summary in English]. V. P. Zvorykina. Arkh. anat. gist. i embr. 38 no. 1 23-33 Ap '60.

Effect of light stimuli on the visual analyzer and cardiovascular system in man [with summary in English]. M. P. Kirpichev. Gig. i san. 25 no. 7 17-22 Jl '60.

Electron photostimulator. N. E. Zil'berman. Fiziol. zhur. 46 no. 2 247-250 F '60.

Formation of "tuning" conditioned reflexes in man [with summary in English]. N. I. Gavrilova. Zhur. vyssh. nerv. deiat. 10 no. 2 195-199 Mr-Ap '60.

Role of the lateral geniculate body in performance of visual function. M. M. Khananashvili. Fiziol. zh. 46 no. 2 156-160 F '60.

Vision in fish. V. R. Protasov. Priroda 50 no. 5 101-106 My '61.

VISUAL AIDS

Answering our readers' questions. Nar. obr. no. 2 66 F '61.

"Feeding system of the IaAZ-204 diesel" panel. P. Yaukar. Avt. transp. 39 no. 4 48 Ap '61.

From practices in the creation of teaching aids. V. Kulita. Avt. transp. 39 no. 4 47 Ap '61.

We make visual aids ourselves. N. Smirnova. Nar. obr. no. 2 31-34 F '61.

VISUAL EDUCATION

It's better to see it. V. Miroshnichenko. Bibliotekar' no. 5 50-52 My '61.

VITAL STATISTICS

Comparison of mortality and fertility statistics in the U.S.S.R. and in capitalist countries. A. M. Merkov. Sov. zdrav. 20 no. 2 68-72 '61.

VITAMIN METABOLISM

Metabolism of phosphorus esters of S^{35}-thiamine in the animal organism [with summary in English]. A. IA. Rozanov. Biokhimiia 25 no. 6 991-1000 N-D '60.

VITAMINS

Blood coagulation in vitamin C deficiency. Report No. 3: Influence of vitamins C, P, B_{12}, K, and folic acid on the thromboplastic activity of the blood of guinea pigs with vitamin C deficiency [with summary in English]. G. V. Andrienko, N. P. Sytina. Biul. eksp. biol. i med. 50 no. 10:46-48 O '60.

"Chemical agents of life" [translated from the English] by T. V. Venkstern. Khim. v shkole 15 no. 2 93 Mr-Ap '60.

Effect of glutathione, vitamins B-12 and B-1, and rutin on the level of cholesterol in the brain, liver and blood in alimentary hypercholesteremia [with summary in English]. T. M. Lobova. Biul. eksp. biol. i med. 51 no. 3 46-48 F '61.

Vitamin composition of fodder yeasts. N. I. Korotchenko, A. A. Baltabanova. Gidroliz. i lesokhim. prom. 14 no. 4:3-4 '61.

VITAMINS—A

Hematin catalysis of vitamin A and fat oxidation [with summary in English]. A. A. Dmitrovskii. Biokhimiia 26 no. 2:225-233 Mr-Ap '61.

VITAMINS—B_1 see Thiamine

VITAMINS—B_5 see Nicotinic acid

VITAMINS—B_6 see Pyridoxine

VITAMINS—D

Influence of large doses of various preparations of vitamin D on the rise of hypervitaminosis under experimental conditions. G. M. Khvul', IA. M. Gusovs'kyi, V. P. Vendt. Ped., akush. i gin. 22 no. 4,30-33 '60.

VITEBSK—HEPATITIS, INFECTIOUS

Epidemiological characteristics of epidemic hepatitis (Botkin's disease) during a six-year period in a Vitebsk rural district. A. A. Matveev. Zdrav. Belor. 6 no. 4: 48-50 Ap '60.

VITEBSK PROVINCE—CORN (MAIZE)

This marvelous plant covers the large fields of Vitebsk Province. V Mikhel'son Mol komin no 5 27-34 My '61

VITEBSK PROVINCE—EDUCATION

New developments in the work of schools. M. Pakhomau. Nar. asv. no. 3 7-13 Mr '61.

VITICULTURE

(see also subdivision under Rostov Province, Strashensy District, Ukraine)

Attachment for cultivating between grapevines. Sh. V. Perkis. Mekh. sil'. hosp. 12 no 6:15-16 Je '61

Bolgirev, P. T. [Viticulture] Vinogradarstvo. Simferopol', Kryanizdat, 1960. 573 p. (DA)

VITVER, IVAN ALEKSANDROVICH, 1891-

Ivan Aleksandrovich Vitver's 70th birthday. Geog. v shkole 24 no. 3:85 My-Je '61.

On the 70th birthday of Ivan Aleksandrovich Vitver. K. M. Popov. Izv. AN SSSR Ser. geog. no. 3 151-152 My-Je '61.

VLADIMIR, SAINT, called THE GREAT, GRAND DUKE OF KIEV, 956 (ca)-1015

Ilarion, Metropolitan of Winnipeg and All Canada. [Prince Volodymyr embraced Orthodoxy and not Catholicism] Kniaz' Volodymyr pryiniav Pravoslavie a ne Katolytstvo. Vyd 2., dop. Winnipeg, Vyd-vo Ukr. Greko-Pravoslavnoi TSerkvy v Kanadi, 1952. 32 p.

VLADIMIR PROVINCE—BONES—TUBERCULOSIS

Reducing the incidence of osteoarticular tuberculosis in Vladimir Province M V Svirezhev, P E Porokh, S V Kozhevnikov Zdrav Ros Feder 5 no. 5:0-13 My '61

VLADIMIR PROVINCE—TEXTILE INDUSTRY—LABOR PRODUCTIVITY

Experiences of work under new wage conditions. L. I. Sokolova. Tekst. prom. 20 no. 3:17-21 Mr '60.

VLADIMIROVKA DISTRICT (NIKOLAYEV PROVINCE)—FORESTS AND FORESTRY—EXPERIMENTAL AREAS

Vladimirovka Silvicultural Land Improvement Station. Biul. nauch. -tekh. inform. Ukr NIILKhA no. 5:92-99 '58.

VLASOVA, ANNA PAVLOVNA

Tireless toiler. A. IA. Aksenov. Med. sestra 20 no. 3: 46-47 Mr '61.

VOCATION

Technological progress and changes in the vocational composition of workers. Biul. nauch. inform.: trud i zar. plata 4 no. 5 3 '61.

VOCATIONAL EDUCATION

(see also subdivision under Chelyabinsk Province; Krasnoyarsk Territory)

Health education in the job training and technical education of industrial workers [with summary in English]. L. A. Strelkova, Sh. Z Tokar' Sov. zdrav 20 no. 2 20-25 '61

In study and work N. IAkubov, D. Grigor'ev Uzbekistan 19 no. 4:15 Ap '60

Itel'son, L. B. [Vocational training of students] Voprosy professional'noi podgotovki shkol'nikov. Pod red. M. A. Gorlainova. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 157 p.

Production training of upper-grade students at industrial enterprises. S. M Levin. Uch. zap. Chel gos. ped. inst. 6 no 1 34-53 '59.

Russia (1917- R.S.F.S.R.) TSentral'nyi uchebno-metodicheskii kabinet professional'no-tekhnicheskikh uchilishch. [The foreman and the inculcation of a creative attitude toward work] Master i vospitanie tvorcheskogo otnosheniia k trudu. Moskva, Vses. uchebno-pedagog. izd-vo Profitekhizdat, 1960. 101 p. (Vospitanie kommunisticheskogo otnosheniia k trudu)

Some pedagogical prerequisites for inculcating and developing the need to work in grade 9-11 students. IU. V. Sharov Shkola i proizv. 5 no. 5:5-9 My '61

VOGUL'SKIY KAMEN', MOUNT—MOUNTAIN ECOLOGY

Specific features of vegetation on some mountain summits of the Urals and their relation to the nature of rocks [with summary in English] K. N. Igoshina Bot zhur 45 no. 4,533-546 Ap '60.

VOICE CULTURE—EXERCISES

Method of forming a pseudovoice in persons with an extirpated larynx [with summary in English]. S. L. Tapilpova. Vest. otorin. 22 no. 1 60-64 Ja-F '60.

VOLCANOES

(see also subdivision under Kamchatka, Sredinyy Range)

Concerning G. S. Gorshkov's article "Some problems in the theory of volcanology." Reviewed by E. K Markhinin, O M. Alypova. Izv. AN SSSR. Ser. geol. 26 no. 5 101-103 My '61

VOLCANOES—CONGRESSES

Twelfth General Assembly of the International Association of Volcanology V. I. Vlodavets Izv. AN SSSR. Ser geol 26 no. 4 113-116 Ap '61

VOLCHANSK DISTRICT—WOLVES

Wolves in the melonfield. Ukraina no. 11 32 Je '61.

VOLGA-AKHTUBA FLOOD PLAIN—RECLAMATION OF LAND

And the deserts will come to life, . . . P. D. Pshenychnyi. Znan. ta pratsia no. 4:8 Ap '61.

VOLGA DELTA—CARP

Acclimatization of Ctenopharyngodon idella (Valenciennes) in the lower reaches of the Volga River. N. P. Tanasiichuk. Vop. ikht. no. 17:176-178 '61.

VOLGA-DON CANAL—SLUICES

Analyzing the condition of navigation installations on the Volga-Don Canal. I. Musienko, A Il'in Rech. transp. 19 no 3 31-37 Mr '60

VOLGA HILLS—VALLEYS

Evaluating the intensity of ravine development on the basis of morphological features. N N. Rodzevich, L. E. Setunskaia. Izv. AN SSSR. Ser. geog no. 3:91-96 My-Je '61

VOLGA HYDROELECTRIC POWER STATION

Sirkisov, M. A. [Operation and study of the hydraulic structures and equipment of the Volga Hydroelectric Power Station] Ekspluatatsiia i issledovaniia gidrotekhnicheskikh sooruzhenii i oborudovaniia Volzhskoi GES imeni V. I. Lenina. Moskva, Gos. energ. izd-vo, 1961. 215 p.

VOLGA HYDROELECTRIC POWER STATION REGION—FISHES

Results of three-year observations on fishes in the afterbay of the Volga Hydroelectric Power Station A T Dluzhikov Vop. ikht. 1 no. 1:69-78 '61.

VOLGA RIVER—DIPTERA

Dynamics of the age range and population numbers of main representatives of the family Chironomidae of the Volga River near Saratov A. S Konstantinov Nauch. dokl vys. shkoly, biol nauki no 2,23-29 '61.

VOLGA RIVER—SALMON

Changes in the gonads of the Siberian white salmon during the prespawning period. I. M. Anisimova, M. A. Letichevskii. Vop. ikht. no. 17:39-46 '61.

VOLGA RIVER—SLUICES

Passing ships and rafts through sluices of the Kuybyshev Hydraulic Engineering System B. Fominykh. Rech transp. 20 no 3 41-42 Mr '61

VOLGA-URAL REGION—GAS, NATURAL—GEOLOGY

Basic geological characteristics, and oil and gas potentials of the Volga-Ural region. A. I. Kleshchev, D. S. Khalturin. Trudy VNIGNI no. 10:117-141 '58.

VOLGA-URAL REGION—OIL FIELD BRINES

Some features of the hydrogeology of the Romashkino-Minnibayevo and Mukhanovo deposits. A V Merkulov Trudy GNI no 21,166-172 '59.

VOLGA-URAL REGION—PETROLEUM GEOLOGY

Basic geological characteristics, and oil and gas potentials of the Volga-Ural region. A. I. Kleshchev, D. S. Khalturin. Trudy VNIGNI no. 10:117-141 '58.

VOLGA VALLEY—ALLUVIAL LANDS

Volga flood plain at the Samara Bend. V. I. Prokaev. Priroda 50 no. 6:87-89 My '61.

VOLGA VALLEY—ANTIQUITIES

The relics of tribal society in the steppes of the eastern Volga Valley. I. V. Sinitsyn. Uch zap. SGU 66:278-309 '58

VOLGA VALLEY—FORAMINIFERA, FOSSIL

Anomalous shells of lagenids from upper Jurassic deposits of the Volga Valley. K. I. Kuznetsova, Vop. mikropaleont. no. 4:102-103 '60.

VOLGA VALLEY—IRON AGE

Smirnov, A. P. [Iron Age of the Chuvash Volga Valley] Zheleznyi vek Chuvashskogo Povolzh'ia. Moskva, Izd-vo Akad. nauk SSSR, 1961. 169 p. (Materialy i issledovaniia po arkheologii SSSR, no. 95.)

VOLGA VALLEY—LOCAL ELECTIONS

The struggle of farm laborers for the strengthening of the soviets during the election campaign of 1926-1929, based on the materials of the Lower Volga Territory V. K Medvedev Uch zap SGU 66 38-54 '58

VOLGA VALLEY—MINERALOGY

Some features of the distribution of terrigenous minerals in various facies of the present-day alluvium of the Volga River [with summary in English] V P Rimsha. Biul. MOIP Otd geol. 36 no 1 99-105 Ja-F '61

VOLGA VALLEY—PALEOBOTANY, STRATIGRAPHIC

Material on the history of middle Pleistocene vegetation in the southeastern part of the European U. S. S. R. A. A. Chigurueva, L. A. Spidanova, V L IAshmovich. Vop. geol. vost. okr., Rus. platf. i IUzh. Urala no 5 109-120 '60.

Pliocene vegetation in the southeastern part of the European U S S. R. A. A. Chigurueva. Vop. geol. vost okr. Rus platf. i IUzh Urala no. 5:59-86 '60

VOLGA VALLEY—VEGETATION AND CLIMATE

New photogeography of the lower Volga Valley. V. I. Gortsev. Geog. v shkole 24 no. 3 13-16 My-Je '61.

VOLGA VALLEY—WATER RESOURCES DEVELOPMENT

Volga-Akhtuba Flood Plain and the Volga Delta. M. S. Bulanovskii, M. I. L'vovich. Priroda 50 no. 6 52-58 Je '61.

VOLGA VALLEY—WINDBREAKS, SHELTERBELTS, ETC.

Hill sowing practiced in shelterbelt afforestation in the Southeast [with summaries in English, German, and French]. N. I. Ivchenko. Vest. sel'khoz. nauki 6 no. 5:103-110 My '61.

Shelterbelt afforestation in the arid trans-Volga region. A. A. Kirin. Les. khoz. 14 no. 6:74-75 Je '61.

VOLGIN, VIACHESLAV PETROVICH, 1879-

V P Volgin, the Lenin prize winner Nov i noveish ist no 3 159 '61

VOLHYNIA—WEATHERING

Mel'nyk, IU. M. [Mineralogy of the weathered surface in western Volhynia] Do mineralogii kory vyvitrivannia Zakhidnoi Volyni [L'viv] Vyd-vo L'vivs'koho univ., 1960. 79 p. [In Ukrainian with summary in English]

VOLKOV, ROMAN MYKOLAIOVYCH, 1885-1959

A meeting devoted to the 75th anniversary of R M Volkov's birth Nar tvorch ta etn 4 no 1 153 O-D '60

VOLOGDA—NURSES AND NURSING

Nurses' councils. A. M. Evdokimova. Med. sestra 20 no. 4:59-62 Ap '61.

VOLOGDA PROVINCE—CORN(MAIZE)

Corn under the conditions of Vologda Province M Putilov Shkola i proizv. 5 no. 5 88-90 My '61

VOLOGDA PROVINCE—INDUSTRIAL RECREATION

Friendship with the club. V. Lepeshkin. Okhr. truda i sots. strakh. 4 no. 5:11-12 My '61.

VOLOGDA PROVINCE—SAFETY EDUCATION

Friendship with the club. V. Lepeshkin. Okhr. truda i sots. strakh. 4 no. 5:11-12 My '61.

VOLOSHIN, MAKSIMILIAN ALEKSANDROVICH, 1877-1932

An unpublicized poem about Epiphanius by M. A. Voloshin A. N Robinson. Trudy ODRL 17 512-519 '61

Water colors by Maksimilian Voloshin V Kemenov. Iskusstvo 24 no. 5 33-36 '61

VOLOSOVO DISTRICT—REGIONAL PLANNING

Regional planning of the Volosovo District. A Ivchedov. Sel' stroi. 15 no. 3:14-15 Mr '61

VOLTAGE REGULATORS

Calculating circuit parameters for a generator with a standard step-changing voltage M A Zemel'man Izm. tekh. no. 5,35-39 My '60.

Regulation of voltage in a passive four-terminal network using the condition of minimum power loss. I. P. Sluda. Izv. vys. uchob. zav.; elektromekh. 3 no. 12:40-45 '60.

Theory of voltage pulse regulation at active loads. K. N. Borisov. Trudy MAI no. 133:141-151 '61.

VOLTAIRE, FRANCOIS MARIE AROUET DE, 1694-1778

Voltaire's system of frenchifying Russian words; from materials on the "History of Russia under Peter the Great." O. V Arnold Uch zap LGU no 289:37-45 '61

VOLTAMMETRY—GRAPHIC METHODS

A graphic analytical method for constructing volt-ampere performance curves for thermistors [with summary in English] I. N. Rutskii. Inzh.-fiz. zhur. 4 no 5 115-117 My '61.

VOLTMETER—TESTING

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 32-53 for checking measuring mugs, metal conic volumeters, and glasses for measuring beverages] Instruktsiia 32-53 po poverke mernykh kruzhek, metallicheskikh konicheskikh mer vmestimosti i menzurok dlia otpuska napitkov. Izd. ofitsial'noe, Moskva, 1954. 20 p.

VOLUMETRIC ANALYSIS

Volumetric method for the quantitative determination of rutin (quercetin rhamnoside). P. P. Suprun. Med. prom. 15 no. 3: 46-48 My '61.

VOLUMETRIC APPARATUS

Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 30-55 for checking standard measuring vessels] Instruktsiia 30-55 po poverke obraztsovykh mernikov. Izd. ofitsial'noe. Moskva, 1957. 11 p.

Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 39-55 for checking measuring vessels] Instruktsiia 39-55 po poverke tekhnicheskikh mernikov. Izd. ofitsial'noe. Moskva, 1957. 11 p.

VOLUMETRIC APPARATUS—TESTING

Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 31-53 for checking glass technical volumetric vessels of the first and second category] Instruktsiia 31-53 po poverke mer vmestimosti stekliannykh tekhnicheskikh 1-go i 2-go klassov. Izd. ofitsial'noe. Moskva, 1954. 37 p.

VOLYN' PROVINCE—RELIGION

Broken chains. A. Voloshin. Znan. ta pratsia no. 2: 22-24 F '61.

VOLYN' PROVINCE—SONGS, UKRAINIAN

Some versions of revolutionary songs in Volyn' Province, from 1920 to 1939. O. O. Nazaruk. Nar. tvorch. ta etn. 4 no. 4: 80-87 O-D '60.

VOLYN' PROVINCE—TICKS

Geographical distribution of ixodid ticks by different landscape types in the Volyn' area of Polesye [with summary in English]. V. I. Adamovich. Zool. zhur. 40 no. 5: 676-685 '61.

VORKUTA—COAL MINES AND MINING

"Black gold" has become cheaper. V. Il'ichev. Komsom. zhizn' no. 10: 7-8 My '61.

VORONEZH—COSTS, INDUSTRIAL

More on industrial production cost indices. B. Knizev, R. Novikov. Fin. SSSR 22 no. 5: 50-53 My '61.

VORONEZH GOVERNMENT—AGRICULTURE

New trends in the economic development of crown villages in the Voronezh Government on the eve of the Reform of 1861. V. A. Popova. Uch. zap. Lip. gos. ped. inst. 2:203-220 '58.

VORONEZH PROVINCE—AGRICULTURE—FINANCE

For the strengthening of business accounting, economy and finance on collective and state farms. A. Rogulin. Den. i kred. 19 no. 5: 11-18 My '61.

VORONEZH PROVINCE—ATOMIC POWER PLANTS

I came back from "tomorrow." V. Sazhin. Smena 38 no. 7: 29-31 Ap '61.

VORONEZH PROVINCE—BOOKSELLERS AND BOOKSELLING

In the struggle to fulfill the decisions of the party. V. Zavgorodnii. Sov. knizh. torg. 13 no. 5: 10-11 My '61.

VORONEZH PROVINCE—COLLECTIVE FARMS—FINANCE

Working capital of agricultural enterprises. M. Z. Pizengol'ts. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 6: 38-44 Je '61.

VORONEZH PROVINCE—CONSTRUCTION INDUSTRY

Voronezh Province Interfarm Construction Organization in 1961. I. Korchagin. Sel'. stroi. 15 no. 3: 12 Mr '61.

VORONEZH PROVINCE—CORN (MAIZE)

Calculating the economic efficiency of corn production and utilization. P. Pukhlikov. Vop. ekon. no. 5: 131-136 My '61.

VORONEZH PROVINCE—FOREST INFLUENCES

Microclimate in the Tellermanovo Oak Forest. N. G. Efimov. Priroda 50 no. 5: 114-115 My '61.

VORONEZH PROVINCE—FOUNDING

Automation in casting shops. N. Leibel'is, M. Akoplan. NTO 2 no. 5: 15-17 My '60.

VORONEZH PROVINCE—PLANTS—FROST RESISTANCE

Winter hardiness of plums (intervarietal and remote hybrids) under conditions of Voronezh Province. A. G. Turovtseva. Agrobiologiia no. 3: 371-377 My-Je '61.

VORONEZH PROVINCE—PLUM—VARIETIES

Winter hardiness of plums (intervarietal and remote hybrids) under conditions of Voronezh Province. A. G. Turovtseva. Agrobiologiia no. 3: 371-377 My-Je '61.

VORONEZH PROVINCE—ROCKS, CRYSTALLINE AND METAMORPHIC

Study of the arch of the Voronezh crystalline massif is a contemporary problem. P. S. Grushevskii. Razved. i okh. nedr 27 no. 4: 64 Ap '61.

VORONIN, VLADIMIR VASIL'EVICH, 1870-

Vladimir Vasil'evich Voronin, 90th birthday and 70 years of scientific and educational activities. G. I. Mchedlishvili. Pat. fiziol. i eksp. terap. 4 no. 4: 3-6 Jl-Ag '60.

VORONTSOVO-ALEKSANDROVSKOYE DISTRICT—FUNGI, PATHOGENIC

Melanospora parasitica Tul. as a parasite of the fungus Beauveria bassiana (Bals.) Vuill. in Stavropol Territory. T. A. Shekhurina. Bot. zhur. 45 no. 4: 606-608 Ap '60.

VOROSHILOV, KLIMENT EFREMOVICH, 1881—BIBLIOGRAPHY see Bibliography—Voroshilov, Kliment Efremovich, 1881-

VOROSHILOVGRAD PROVINCE see Lugansk Province

VOROVSKII, VATSLAV VATSLAVOVICH, 1872-1923

A valuable publication and its shortcomings ("Feuilletons" by V. V. Vorovskii. Reviewed by N. Pila shev). Novyi mir 37 no. 5: 251-253 My '61.

VORTEX MOTION

Approximate solution of problems in a plane vortex gas flow. Iu. S. Zav'ialov. Prikl. mat. i mekh. 24 no. 2: 220-236 Mr-Ap '60.

Subsonic face motion of an eddy in a fluid. I. G. Filippov. Prikl. mat. i mekh. 25 no. 2: 242-247 Mr-Ap '61.

VOSTOK REGION, ANTARCTICA—SNOW

Characteristics of the upper snow layer in the heart of Antarctica. V. G. Averianov. Inform. biul. Sov. antark. eksp. no. 21: 15-20 '60.

VOSTOK STATION, ANTARCTICA—GLACIOLOGICAL RESEARCH

Thermal drilling of ice holes at the Vostok Station. V. S. Ignatov. Inform. biul. Sov. antark. eksp. no. 22: 22-24 '60.

VOVCHOK, MARKO, pseud. see Markovych, Mariia Oleksandrivna (Vilinskaia), 1834-1907

VOYAGES AND TRAVELS

Alone across Atlantic. Znan. ta pratsia no. 2: 31 F '61.

Around the world in a car. V. Semenov. Uzbekistan 19 no. 2: 25 F '60.

Spaces of the Antarctic ("Journey to the Antarctic Ocean and around the world" by B. A. Zenkovich. Reviewed by N. B. Semikhatova). Priroda 50 no. 6: 122 Je '61.

VOYAGES AND TRAVELS—BIBLIOGRAPHY see Bibliography—Voyages and travels

VOYNICH, ETHEL LILLIAN (BOOLE), 1864-1960

The fate of Voynich and her book ("Ethel Lillian Voynich; the fate of the writer and her book" by E. Taratuta. Reviewed by A. Belkin). Novyi mir 37 no. 5: 258-262 My '61.

VUCHETICH, EVGENII VIKTOROVICH, 1908-

To the stars! Smena 38 no. 6: 5 Ap '61.

VULCANIZATION

Control of the degree of vulcanization of rubbers with the aid of an instrument for luminescence analysis. A. N. Pal'dysh and others. Kauch. i rez. 20 no. 5: 50-53 My '61.

VYCHEGDA VALLEY—ANTIQUITIES

Some results of archaeological studies in the upper Vychegda Valley in 1957. G. M. Burov. Ist.-filol. sbor. no. 5: 99-118 '60.

VYCHEGDA VALLEY—ETHNOLOGY

Ethnographical features of the people of the upper Vychegda Valley. L. N. Zherebtsov, L. P. Lashuk. Ist.-filol. sbor. no. 5: 53-98 '60.

VYSELKI DISTRICT—CAMPS

Summer vacation of rural Pioneers. P. Zhil'tsov. Nar. obr. no. 5: 86-91 My '61.

WAGE PAYMENT SYSTEMS

The economic stimulation of labor and forms of the transition to communist distribution. E. Manevich. Vop. ekon. no. 5: 76-85 My '61.

Effectiveness of the job-bonus wage payment system. IA. A. Rubinchik. Ugol' 36 no. 3: 36-39 Mr '61.

Methodology for converting planned wage fund when main workshops overfulfill the production plan. N. Kaminskii, E. Kofman. Biul. nauch. inform.: trud i zar. plata 4 no. 5: 40-51 '61.

Regulating wages of educational personnel in Bulgaria. I. Gorodinskaia. Biul. nauch. inform.: trud i zar. plata 4 no. 5: 63-67 '61.

Replies to our readers. G. Shmal' and others. Sov. profsoiuzy 17 no. 11: 41 Je '61.

Transition to new wage payment systems. T. Drizina. Avt. transp. 39 no. 5: 40-41 My '61.

WAGES

Distribution according to work under socialism. N. N. Skrypneva. Biul. SNO LGU no. 2: 42-55 '59.

Experiences of work under new wage conditions. L. I. Sokolova. Tekst. prom. 20 no. 3: 17-21 Mr '60.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po voprosam truda i zarabotnoi platy. [Standard production and wage norms in logging camps] Edinye normy vyrabotki i rastsenki na lesozagotovkakh. Moskva, Goslesbumizdat, 1960. 71 p.

Shift to the shortened workday and introduction of the new wage system. B. Kalinin. Rech. transp. 19 no. 3: 7 Mr '60.

Some problems concerning the improvement of the wage system on state farms. I. M. Syroezhin. Biul. SNO LGU no. 2: 67-80 '59.

Using the new wage system in geological prospecting organizations. L. E. Denshchikov. Razved. i okh. nedr 27 no. 2: 60-64 F '61.

Wages of machinery operators at diesel electric power stations. V. Smirnova. Sel'. mekh. no. 5: 21-25 '61.

WAGES—ACCOUNTING

Mechanizing wage payments in a construction organization. A. Fokeev. Bukhg. uchet 18 no. 5: 51-57 My '61.

WALKING

You are a good walker, dear Oleksandrii! Ihor Znanets'. Ukraina no. 8: 29 Ap '60.

WALL NEWSPAPERS

Combat aid. M. Antipov. Mest. prom. i khud. promys. 2 no. 5: 31 My '61.

WALLS

(see also subdivision under Uzbekistan)

Designing the walls of framed buildings for horizontal stress acting in the plane of the wall. S. V. Poliakov. Stroi. mekh. i raschet. soor. 3 no. 2: 5-11 '61.

WALNUT see subdivision under Dostandyk District

WAR—ECONOMIC ASPECTS

Militarization of the capitalist economy and cyclic crises. V. Avarin. Mir. ekon. i mezhdunar. otn. no. 6: 87-92 Je '61.

WAR AND POLITICS see Politics and war

WAR CORRESPONDENTS—CORRESPONDENCE, REMINISCENCES, ETC

Friends and comrades. L. Kudrovatykh. Sov. pech. no. 6: 12-16 Je '61.

WAR MEMORIALS see subdivision under Kiev-Svyatoshino District

WARBLERS see subdivision under Soviet Central Asia

WASTE HEAT

Utilization of waste heat in finishing operations. K. I. Gorodov, B. M. Cherkinskii. Tekst. prom. 20 no. 3: 62-65 Mr '60.

WASTE PRODUCTS

Useful book for manufacturers ("Utilizing the ashes of pulverized fuel for large block construction" by N. G. Chukreev. Reviewed by D. E. Gorbachev). Stroi. mat. 7 no. 4: 38 Ap '61.

WATCHMEN

Liability of the associations of outside watchmen. IA. Shtutin, M. Bialik. Sots. zakon. 37 no. 4: 72-73 Ap '60.

WATER

Effect of water and oxygen on the polymerization of ethylene on a chromium oxide catalyst. G. K. Borenkov, V. A. Dzis'ko, T. IA. Tiulikova. Dokl. AN SSSR 136 no. 1: 125-128 Ja '61.

Interface in a steam-liquid mixture with steam at supercritical parameters. M. I. Kulakova. Izv. vys. ucheb. zav.; energ. 4 no. 4: 86-92 Ap '61.

Participation of H_2O in the reaction of combustion of carbon monoxide in oxygen. R. B. Tagirov. Opt. i spektr. 8 no. 3: 312-314 Mr '60.

WATER—ANALYSIS

Determination of potassium and sodium in blood and in water by means of flame photometry. M. V. Nikonova. Lab. delo 6 no. 5: 8-12 My '61.

Influence of water supply from wells on the incidence of intestinal infections in small sections of Tashkent. N. P. Masharipov. Med. zhur. Uzb. no. 4: 34-37 Ap '61.

Using electrophotometric methods for the evaluation of water purity in pumping stations. A. V. Bogoliubova. Gig. i san. 25 no. 3: 87-89 Mr '60.

WATER—CHLORINATION

New method for chlorinating water in wells. M. Zdravkov. Gig. i san. 25 no. 7: 112-113 Jl '60.

WATER—COMPOSITION see subdivision under Polesye, Ukraine; Yaroslavl Province

WATER—MICROBIOLOGY

Preservation of antibiotic resistance in microbes from the enterotyphoid group in river water [with summary in English]. I. I. Kolukonov. Antibiotiki 6 no. 1 352-356 Ap '61.

Sanitary-hygienic significance of the study on the quantitative composition of bacterial antagonists in river water. V. I. Domitkova'kyi, V. S. Lomenko. Mikrobiol zhur. 23 no. 1 70-71 '61.

WATER—POLLUTION
(see also subdivision under Donets Valley)

Digestive reactions in animals in sanitary and toxicological investigations aimed at establishing norms for harmful substances in the water supply. IU. L. Petrov, S. IA. Naishtein. Gig. i san. 25 no. 3 67-70 Mr '60.

Hygienic principles of permissible concentrations of trichlorobenzene in the water supply [with summary in English]. K. F. Meleshchenko. Gig. i san. 25 no. 3 13-18 Mr '60.

Hygienic standards for toxic substances in the environment, particularly in the sanitary protection of reservoirs. T. E. Nagibina. Gig. i san. 25 no. 7 50-55 Jl '60.

Maximum permissible of concentrations of harmful substances in natural waters. Gig. i san. 25 no. 7 121-123 Jl '60.

New possibilities of the sanitary protection of reservoirs from contamination with wastes from alcohol distilleries. I. I. Kaganovich. Gig. i san. 25 no. 7 01-05 Jl '60.

Water-borne toxicoinfection of dysentery etiology. M. G. Kolomiitseva, L. L. Nagnibeda. Gig. i san. 25 no. 3 102-104 Mr '60.

WATER—PURIFICATION

De-activation of drinking water containing radioactive phosphorus by contact coagulation. Z. IA. Gorodishcher, N. I. Mashneva. Gig. i san. 25 no. 7 56-60 Jl '60.

Improving the quality of river water by means of a biological absorber and oxidizer. S. N. Skadovskii, V. I. Uspenskaia, N. A. Levshina. Nauch. dokl. vys. shkoly, biol. nauki no. 2 127-131 '61.

Magnet purifies water. L. Agaian. Znan. ta pratsia no. 5 20 My '61.

Purification from sludge of circulating water in coal preparation plants. N. I. Davydkov. Obog. i brik. ugl. no. 11 36-46 '60.

Purification of Ore-Dressing Plant waste waters from hydrocarbons. I. N. Shoisher. TSvet. met. 34 no. 5 76 My '61.

Reuse of water in car washing. D. Belov. Avt. transp. 39 no. 5 22-24 My '61.

Testing the effectiveness of the OV-AKKh-1 bactericidal apparatus for water disinfection. T. L. Natanson. Gig. i san. 25 no. 7 68-71 Jl '60.

WATER, DISTILLED—PHYSIOLOGICAL EFFECT

Intradermal distilled water tests in treated and untreated dogs with radiation sickness. N. N. Klemparskaia, N. V. Raeva. Pat. fiziol. i eksp. terap. 5 no. 2 82 Mr-Ap '61.

WATER, UNDERGROUND
(see also subdivision under Altai Territory; Amur Valley; Angren Valley; Azerbaijan; Belozerka region, Zaporozh'ye Province; Caucasus; China; Fergana; Ishim Valley; Klyaz'ma Valley; Moskva Valley; Stavropol Territory, Tobol Valley, Ukraine)

Are there underground seas? N. A. Plotnikov. Priroda 50 no. 5:83-84 My '61.

Chasms in city streets. B. I. Aladinskii. Avt. dor. 24 no. 3:32 Mr '61.

Classification of subterranean waters. M. E. Al'tovskii. Vop. gidrogeol. i inzh. geol. no. 16:26-35 '59.

Effect of subsurface and surface flooding on the growth of forests. L. P. Smoliak. Sbor. nauch. rab. Bol. otd. VBO no. 1:148-153 '59.

Effect of subterranean waters and erosion or abrasion on landslides occurring on natural slopes. E. P. Emel'ianova. Vop. gidrogeol. i inzh. geol. no. 18:66-82 '59.

Field study of underground water conditions in irrigated regions. N. V. Rogovskaia. Razved. i okh. nedr 27 no. 3:46-48 Mr '61.

Hydrogeology in karst provinces in natural and disturbed conditions. D. V. Ryzhikov. Trudy Gor.-geol. inst. UFAN SSSR no. 32:301-318 '59.

Possibility of predicting the mineralization of underground water from the clorine content of phreatophyte plants. A. V. Shavyrina. Sov. geol. 4 no. 3:111-113 Mr '61.

Principles underlying the study of the natural regime of ground waters. A. A. Konoplantsev, V. S. Kovalevskii. Meteor. i gidrol. no. 6:28-35 Je '61.

Relationship between the piezometric levels of Carboniferous aquifers in the Moscow artesian basin. E. L. Minkin. Razved. i okh. nedr 27 no. 4:35-40 Ap '61.

Results of a study of the relation between vegetation and underground waters in the Dzhezkazgan-Ulutau Area of central Kazakhstan. V. N. Ostrovskii. Vest. AN Kazakh. SSR 17 no. 4:61-67 Ap '61.

Study of the flow of ground water toward a pump with a filter of variable length. B. I. Aravin, V. A. Grigor'eva. Izv. VNIIG 65:77-81 '60.

Studying the viscosity and density of formation waters and binary electrolytic solutions under conditions of various temperatures and pressures. V. I. Sergeevich, I. P. Zhuze. Trudy Inst. geol. i razrab. gor. iskop. 2 104-112 '60.

Use of mineralized (drainage and underground) waters for farm crop irrigation in the Golodnaya Steppe. A. S. Dudkin. Trudy SANIIRI no. 106:9-14 '60.

Using water-lowering installations with gravel-clay filters. V. A. Rogov. Transp. stroi. 11 no. 4 36-37 Ap '61.

WATER, UNDERGROUND—ANALYSIS

Some problems in the theory of hydrogeochemical areas. N. A. Ogil'vi. Vop. gidrogeol. i inzh. geol. no. 18:3-25 '59.

WATER, UNDERGROUND—MAPS

Methods for compiling certain types of hydrochemical maps. V. N. Popov, E. N. Kuteel'. Vop. gidrogeol. i inzh. geol. no. 18:176-184 '59.

WATER, UNDERGROUND—MICROBIOLOGY see subdivision under Cheleken Peninsula

WATER BIRDS see subdivision under Russia, Southern

WATER CHESTNUT
(see also subdivision under Carpathian Mountain region)

Water caltrop. D. M. Dobrochaeva. Nauka i zhyttia 11 no. 4:38 Ap '61.

WATER HAMMER

Water hammer in a low-pressure hydroelectric power station with a sudden loss of load and methods for studying it on a stand. L. A. Tepaks and others. Izv. vys. ucheb. zav.; energ. 4 no. 4:109-117 Ap '61.

WATER IN THE BODY

Water losses and replacement during muscular activity in dogs under conditions of high environmental temperature. M. P. Shek. Fiziol. zhur. 47 no. 5 612-616 My '61.

WATER JET

Experimental determination of the numerical value of the coefficient of consumption. S. S. Shavlovskii. Ugol' Ukr. 5 no. 5:18-19 My '61.

WATER METERS

Investigating the elbow and the conical bell mouth as water meters in the PG35M and PG35X2 pumps of the Central Asia Scientific Research Institute of Irrigation. M. I. Shcheglova. Trudy SANIIRI no. 106:47-59 '60.

Rotor water meter developed by the Central Asian Research Institute of Irrigation. Trudy SANIIRI 93:115-135 '58.

Use of water gauges equipped with speedometers in sprinkler units. F. I. Glushkov. Gidr. i mel. 13 no. 5:38-41 My '61.

WATER METERS—TESTING

Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 20-56 for checking water meters and equipment for testing them] Instruktsiia 20-56 po poverke vodoschetchikov i ispytatel'nykh ustanovok dlia nikh. Izd. ofitsial'noe. Moskva, 1957. 28 p.

WATER PIPES

Using rubber and glass pipes on livestock farms. Z. S. Kysel'hof, B. IE. Kavalerov. Mekh. sil'. hosp. 12 no. 5: 20-21 My '61.

WATER PIPES—COLD WEATHER CONDITIONS see subdivision under Noril'sk

WATER PLANTS see Aquatic plants

WATER RESOURCES DEVELOPMENT
(see also subdivision under Europe India; Kulunda Steppe; Uzbekistan;)

Man turns the rivers back. O. Gryn no. 4:2-3 Ap '61.

The sea asks for water. L. Zheleznia no. 4:4-7 Ap '61.

WATER RESOURCES DEVELOPMENT

Akademiia nauk SSSR. Laboratoriia. [Small bodies of water in lowland U.S.S.R. and their utilization] Malye vodoemy nizmennykh oblastei SSSR i ikh ispol'zovanie. 399 p.

WATER SUPPLY
(see also subdivision under Bryansk Northern)

International standard for the quality S. N. Cherkinskii. Gig. i san. 25

Sanitary and bacteriological control supply and drinking water. M. G. 25 no. 7 80-86 Jl '60.

WATER-SUPPLY ENGINEERING

Arykova, A. I., and R. Zh. Zhulaev. water intake with a screened bottom Uluchshennyi tip vodozabora s dnom galereei. Alma-Ata, Izd-vo Akad. SSR, 1961. 79 p.

Water supply engineering in agriculture [with summaries in English, German, and French]. E. A. Zamarin. Vest. sel'khoz. nauki 6 no. 5:99-102 My '61.

WATER-SUPPLY ENGINEERING—HYGIENIC ASPECTS

Sanitary protection of water supply sources. A. S. Koltunova. Fel'd. i akush. 25 no. 4:56-59 Ap '60.

WATER TOWERS—DESIGN AND CONSTRUCTION

Machine unit for the construction of water-cooling towers. IU. Promzalev, K. Nikul'shin. Nauka i zhizn' 28 no. 4: 26 Ap '61.

WATER VAPOR

Capillary condensation of vapors in highly dispersed systems. Report No. 4: Capillary condensation in systems consisting of large numbers of particles in contact. I. V. Radushkevich. Izv. AN SSSR. Otd. khim. nauk no. 5:756-762 My '61.

Characteristics of the reaction between carbon and water vapor. B. M. Derman. Trudy IGI 13:27-32 '60.

Heat transfer accompanied by the condensation of vapor from a vapor-gas mixture. L. A. Komarov. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 2 303-309 '61.

Study of the relation between the concentration of water vapor and the rate of its reaction with carbon. B. M. Derman, M. I. Rogallin, I. L. Faiberov. Trudy IGI 13: 33-38 '60.

WATER VOLES see subdivision under Yakutia

WATER VOLES—PARASITES see Parasites—Water voles

WATERFALLS see subdivision under Crimea

WATERMARKS

New works on watermarks. S. A. Klepikov. Probl. istoch. no. 9:133-138 '61.

WATERMELONS

Food poisoning caused by watermelons. N. I. Brikun, K. F. Korovina, Z. A. Ivanova. Gig. i san. 25 no. 7 78-79 Jl '60.

WATERPROOFING

Making soils water-resistant for waterproofing purposes. IA. A. Kovalev. Izv. AN Uz. SSR no. 11 19-23 '56.

Waterproofing the precast reinforced concrete work of a running tunnel. N. F. Karasev. Transp. stroi. 11 no. 4 23-25 Ap '61.

WATERPROOFING OF FABRICS

Compound lengthening the life of tarpaulin. Mor. flot 21 no. 5 31 My '61.

Single bath method for the waterproofing of cotton fabrics. B. S. Smirnov. Tekst. prom. 20 no. 3 70-71 Mr '60.

Waterproofing of fabrics with organosilicon compounds. N. V. Kelugin. Tekst. prom. 20 no. 3 58-61 Mr '60.

WATERWAYS

Shapovalov, P. D. [Ship canals and channels and the buoyage of waterways] Morskie kanaly i navigatsionnaia obstanovka morskikh putei. Moskva, Izd-vo "Morskoi transport," 1960. 204 p.

WAVE GUIDES

Asymptotic formulas for fading in a dielectric wave guide. N. A. Semenov. Nauch. dokl. vys. shkoly, radiotekh. i elektron. no. 2 77-84 '59.

Breakage instead of smooth bending in a metal-dielectric wave guide. E. M. Gutsait. Nauch. dokl. vys. shkoly, radiotekh. i elektron. no. 2 52-56 '59.

Longitudinal waves in a straight wave guide with a step-shaped cross section. A. IA. Iashkin. Izv. vys. ucheb. zav. radiotekh. 4 no. 2,200-212 Mr-Ap '61.

WAVES (Continued)

Spilling of water over the coast of a sloping protective structure during the run-up of waves. M. E. Plakida Trudy TSNIIEVT no. 19:62-69 '60

Studying the pressure of a standing wave against a vertical wall. G. G. Metelitsyna. Trudy TSNIIEVT no. 19:37-50 '60

Theoretical and actual wave disturbance behind a single breakwater. I. Stepanov. Mor. flot 21 no. 5 32-34 My '61.

Transformation of wind waves in shallow water. E. I. Frolikova. Trudy GOIN no. 39 15-19 '59

Use of tensiometric pickups in studying wave processes. E. M. Levkevich. Trudy Okean. kom. 8 186-191 '61

Wave pressure against steep walls. M. E. Plakida, G. G. Metelitsyna. Trudy TSNIIEVT no. 19:5-17 '60.

WAVES—DIFFRACTION

Diffraction from a semiplane of waves forming on the surface of a fluid by a periodically functioning source. S. S. Voit. Prikl. mat. i mekh. 25 no. 2 370-374 Mr-Ap '61

WEALTH see subdivision under United States

WEATHER

Year of contrasts in climate. Iu. B. Khrabrov. Priroda 50 no. 5 79-82 My '61.

WEATHER—MENTAL AND PHYSIOLOGICAL EFFECTS

Weather forecasting... by animals, plants, insects. V. Chernyshev. Iun. tekh. 5 no. 2:68-71 F '61.

WEATHER FORECASTING
(see also subdivision under Antarctic regions; Moscow)

Characteristics of the formation of a high-level ridge over Europe and monthly air temperature anomaly in the European part of the U.S.S.R. in March. N. A. Aristov. Trudy TSIP no. 100 73-83 '61.

Deformation of planetary high-level frontal zones of natural synoptic periods. D. A. Pedʹ, M. N. Fedulova. Trudy TSIP no. 108 58-65 '61.

Forecasting the length of natural synoptic periods. V. P. Nekrasov. Trudy TSIP no. 109 59-72 '61

Method for seasonal forecasting of the temperature anomaly of air. D. A. Pedʹ, T. V. Sidochenko. Trudy TSIP no. 109 14-40 '61.

Method of forecasting the general nature of synoptic processes and temperature anomaly of the air for spring. L. I. Blumina. Trudy TSIP no. 109 3-14 '61.

Method of forecasting the H_{500} geopotential field for mean terms. N. A. Bagrov, N. I. Zverev. Trudy TSIP no. 108 3-22 '61

Method of forecasting the mean monthly air temperature anomaly based on the consideration of types of processes observed during the preceding months. D. A. Pedʹ, V. F. Kozlitseva, F. M. Chistiakova. Trudy TSIP no. 100:41-58 '61

WEATHER RESEARCH

Final session of the Scientific Council of the Central Weather Institute. A. S. Potapov. Meteor. i gidrol. no. 6:65-66 Je '61

WEATHERING
(see also subdivision under Volhynia)

Nickel potential of the weathering surface of ultrabasic rocks. I. I. Edelʹshtein. Razved. i okh. nedr. 27 no. 7 25-27 F '61

...icture of ...vania. Moskva, ...

WEIGHTS AND MEASURES—STANDARDS

New standards for measures and measuring instruments approved by the committee. Izm. tekh. no. 6:64 Je '61.

WEIRS

Study of the discharge capacity of broad-crested weirs. V. A. Solnyshkov. Izv. VNIIG 65 125-141 '60

WELDING
(see also subdivision under Great Britain)

Cold pressure welding of contact wires. Vest. TsNII MPS 20 no. 3,51 '61.

Effect of ultrasonic waves on the crystallization of the weld bath and on weld metal properties. V. L. Russo. Svarka 2 3-8 '59.

Requirements to be made of the chemical composition of metal providing for good weldability. T. M. Slutskaia. Avtom. svar. 14 no. 6 93 Je '61.

WELDING—COLD WEATHER CONDITIONS see subdivision under China

WELDING—CONGRESSES

Conference in the Gorkiy Province on welding. Iu. A. IUzvenko. Avtom. svar. 14 no. 5 95-96 My '61.

Scientific and Technological Conference on the Application of Ultrasonic Waves to Welding. L. O. Makarov. Akust. zhur. 6 no. 1 138-139 '60

WELDING—DICTIONARIES

Zolotykh, V. T., comp. [English-Russian welding dictionary] Anglo-russkii slovarʹ po svarochnomu proizvodstvu, Moskva, Glav. red. inostr. nauchno-tekhn. slovarei Fizmatgiza, 1961. 191 p.

WELDING—TESTING

Determining the characteristics of cold crack development in welded joints, by means of ultrasonic flaw detection. A. M. Makara, V. A. TSechalʹ, I. P. Zhovnitskii. Avtom. svar. 14 no. 5:3-9 My '61.

Effect of heat treatment on the properties of fusion edges in welding dissimilar steels. M. A. Galʹperin. Svarka 2 58-70 '59

Effect of hydrogen and technological factors in electric arc welding of aluminum-magnesium alloys on the strength of weld joints. I. V. Butiak. Svarka 2. 182-194 '59

Fatigue strength of welded titanium sheet joints under the effect of bending. V. I. Syshchikov, B. B. Chechulin. Svarka 2 174-181 '59.

Mathematical determination of residual stresses and deformations in welding a bead to the rim of a plate. R. S. Florov. Trudy Ural. politekh. inst. no. 99:163-169 '60.

Metallographic investigation on the crystallization of weld metal joints. M. V. Shamanin. Svarka 2. 22-29 '59.

Rossokhinskii, A. A. [Metallography of welded joints] Metallografiia svarnykh shvov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 205 p.

Structure of the metal in welded joints in MSt. 3 arsenical steel. A. V. Demakova and others. Avtom. svar. 14 no. 5:11-19 My '61.

Use of circular specimens for rapid corrosion tests of welded aluminum joints. I. N. IAgupolʹskaia. Avtom. svar. 14 no. 6. 91 Je '61.

WELDING, GAS see Gas welding and cutting

WELDING RODS

Effect of heat treatment on the mechanical properties of deposited weld metal of the type 16-25-6 (EI-395). T. L. Ivanova, I. V. Grigalis. Svarka 2. 84-94 '59.

Organizing a centralized production of welding rods (electrodes). Biul. tekh.-ekon. inform. no. 4:84 '61.

...for the automatic deposition of an anticorro-...on vessels for work in aggresive media, an-Serpukhova, V. V. Ardentov, N. P. Koma-... 77-83 '59.

...e change in water level in a well ...ped at a constant discharge. P. S. ...k Kyiv. un. Ser. astron., mat. ta... '58

...tic country ("Selected works" by ...d by I. Lisevich). Inostr. lit. no. 4...

Germany, West

PROVINCE—DARKLING BEETLES

...aurita Pall. (Tenebrionidae, Coleop-...y in English]. S. I. Kelejnikova. ... 5:776-777 '61.

LAND—RIVERS

...l river profiles to find structures in ...owland. L. K. Zifatʹkova, E. N. Petrov. ...eog. no. 3:88-90 My-Je '61.

WEST SIBERIAN PLAIN—DOMES (GEOLOGY)

Verkhniy Taz arch [with summary in English]. V. A. Nikolaev, L. IA. Provodnikov. Geol. i geofiz. no. 12. 24-29 '60.

WEST SIBERIAN PLAIN—GEOLOGY

Structure of the Pre-Mesozoic basement of the Yenisey zone in the West Siberian Platform [with summary in English]. V. D. Nakariakov. Geol. i geofiz. no. 3 27-34 '61.

WEST SIBERIAN PLAIN—GEOLOGY, STRATIGRAPHIC

New data on the stratigraphy of late Tertiary sediments in the eastern margin of the West Siberian Plain (Sym-Dubches interfluve). IU. F. Pogonia-Stefanovich. Geol. i geofiz. no. 3 104-106 '61.

Some stratigraphic problems and facies characteristics of Mesozoic sediments in the West Siberian Plain [with summary in English]. V. N. Saks. Geol. i geofiz. no. 3: 3-17 '61.

WESTERN EUROPE see Europe, Western

WESTERN SAMOA—POLITICS AND GOVERNMENT

Referendum in Western Samoa. A. Vladimirov. Nov. vrem. 19 no. 23-20-29 Je '61

WESTERN SIBERIA see Siberia, Western

WHALE OIL

Elimination of fish odor from whale oil by means of high-frequency currents. T. A. Khorin. Masl.-zhir. prom. 27 no. 5 25-26 My '61.

WHALES

Rare case of atavism in sperm whales (Physeter catodon L.). V. A. Zemskii, A. A. Berzin. Nauch. dokl. vys. shkoly, biol. nauki no. 2:56-60 '61.

WHALING

Eremenko, V. M. [The whaler "Taifun"] Kitoboets "Taifun." Vladivostok, Primorskoe knizhnoe izd-vo, 1960. 23 p.

WHARVES
(see also subdivision under Matadi, Republic of Congo)

Conference of chief engineers of river harbors. Tekh. transp. 19 no. 3:54-55 Mr '60

Wharf structures on cylindrical supports calculated for strength and deformation under the effect of horizontal stresses. S. N. Kurochkin, A. A. Dolinskii. Trudy TSNIIMF 7 no. 32:3-16 '61.

WHEAT
(see also subdivision under Komi A. S. S. R.; Murmansk Province; Ukraine)

Biochemical processes which take place during the vernalization of winter wheat under normal conditions and following processing with different solutions. G. Valutsa, I. Brad. Biokhim. zerna no. 5:87-99 '59.

Changing spring wheat into winter wheat by eliminating the effect of winter conditions on the second generation of plants being transformed. O. T. Lysenko. Agrobiologiia no. 3:362-366 My-Je '61.

Density alteration of wheat in its hydrothermal treatment. E. D. Kazakov, I. A. Sakharova. Izv. vys. ucheb. zav.; pishch. tekh. no. 2:79-82 '61.

Ear formation in wheat-wild rye hybrids caused by 2, 3, 5-triiodobenzoic acid. A. S. Kasparian. Biul. Glav. bot. sada no. 38:98-100 '60.

Lipoxidase activity and the development of microflora in wheat stored under different temperature and humidity conditions. IU. Ianitskii, K. Novakovskaia. Biokhim. zerna no. 5 104-107 '60.

Phosphorus metabolism in the ontogeny of spring wheat. L. N. Kazanskaia. Fiziol. rast. 7 no. 2:234-237 '60.

Physiological features of the development of winter wheat and the dynamics of nutritive substances in the soil following August seeding in dry farming areas. G. I. Abolina. Izv. AN Uz. SSR no. 7:19-23 '56.

Relation between the depth of the root system and winter hardiness of winter wheat [with summary in English]. M. P. Malienko. Fiziol. rast. 7 no. 2:185-190 '60.

WHEAT—DISEASES AND PESTS

Fungus on wheat. L. I. Vigorov. Priroda 50 no. 5:112 My '61.

Ways to eliminate wheat smut in spring wheat. M. G. Enikeev. Shkola i proizv. 5 no. 5:76-78 My '61.

WHEAT—HARVESTING see subdivision under Kazakhstan; Siberia, Western

WHEAT—VARIETIES

Give winter-hardy wheat varieties to southern districts. P. E. Sudnov. Vest. sel'khoz. nauki 6 no. 5:160-161 My '61.

A new species and new varieties of wheat. N. V. TSitsin. Biul. Glav. bot. sada no. 38:38-41 '60.

WHEAT—WATER REQUIREMENTS

Effect of moisture conditions on tryptophan synthesis and growth of leaves in wheat [with summary in English]. L. D. Prusakova. Fiziol. rast. 7 no. 2:170-180 '60.

WHEAT BREEDING

Using the thermal method for the castration of wheat. N. M. Satarov. Agrobiologiia no. 3,472-473 My-Je '61

WHEAT GERM

Enzyme activity of water soluble proteins of the wheat germ N I Proskuriakov, I V Rodionova Biokhim zerna no 5 108-120 '60

WHEELS

Increasing the output of wheel-rolling mills. M. IU. Shifrin. Metallurg 6 no. 5 28-29 My '61

WHITE RUSSIA—ABDOMEN—DISEASES

Incidence of major diseases of the abdominal cavity in White Russia [with summary in English]. N I Govor Sov zdrav 20 no 1 29-33 '61.

WHITE RUSSIA—ACTIVITY PROGRAMS IN EDUCATION

On the path of reorganization. V. Susha. Nar. asv. no. 4 43-48 Ap '61.

WHITE RUSSIA—AGARICALES

Species of Agaricales new to White Russia. G. I. Serzhanina. Dokl. AN BSSR 5 no 4 177-179 Ap '61.

WHITE RUSSIA—AGRICULTURAL RESEARCH

A conference of young naturalists. Nar asv no 1 84-86 Ja '61

WHITE RUSSIA—ARBORETUMS

Arboretum of the White Russian Agricultural Academy. D. R. Novikov. Sbor. nauch. rab. Bel. otd. VBO no. 1. 110-122 '59.

WHITE RUSSIA—BOOKSELLERS AND BOOKSELLING

Bring the riches of literature to the people. G. Kiselev. Sov. knizh. torg. 13 no. 5 5-7 My '61.

More books for the masses. I IAhorau Nar asv no 2 70-73 F '61

WHITE RUSSIA—BOTANICAL SOCIETIES

Brief news. Sbor. nauch. rab. Bel. otd. VBO no. 1:171 '59.

WHITE RUSSIA—BRIDGES, CONCRETE

Drozd, IA. I., and others. [Planning and building prestressed concrete bridges in White Russia] Opyt proektirovaniia i stroitel'stva zheleznobetonnykh predvaritel'no napriazhennykh mostov v Belorussii. Pod obshchei red. IA. I. Drozda. Minsk, Redaktsionno-izdatel'skii otdel BPI im. V. I. Stalina, 1960. 281 p.

WHITE RUSSIA—BUILDING MATERIALS INDUSTRY

Let's strengthen our production base. V. Lander. Sel'. stroi. 15 no. 2 14-15 F '61.

WHITE RUSSIA—CHEMISTRY—STUDY AND TEACHING

Positive response of teachers from White Russia. G Gaisko. Khim. v shkole 15 no 2 43 Mr-Ap '60

WHITE RUSSIA—CHORAL SOCIETIES

"Our souls are singing." S. Buiych. Rab. i stial. 36 no. 4 20-21 Ap '60.

WHITE RUSSIA—COLLECTIVE FARMS—INCOME DISTRIBUTION

Minsk. Institut ekonomiki i organizatsii sel'skokhoziaistvennogo proizvodstva. [Monetary wages on collective farms of the White Russian S. S. R.] Denezhnaia oplata truda v kolkhozakh BSSR. Pod obshchei red. I. M. Kachuro. Minsk, Izd-vo Akad. sel'khoz. nauk BSSR, 1960. 97 p.

WHITE RUSSIA—COMMUNIST PARTY OF THE SOVIET UNION

[Fortieth anniversary of the formation of the Communist Party of White Russia, 1918-1958] Sorokaletie obrazovaniia Kommunisticheskoi partii Belorussii, 1918-1958 gg. Minsk, Gos. izd-vo BSSR, 1958. 45 p.

V. I. Lenin and the formation of the Communist Party of White Russia. N. Moshkov. Komm. Bel. 34 no. 4:9-15 Ap '60.

WHITE RUSSIA—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Powerful weapon of our party. G. Konovalov. Komm. Bel. 34 no. 4 67-71 Ap '60.

WHITE RUSSIA—CORN (MAIZE)

Photosynthesis of corn in White Russia. Z. G. Dudko, I. M. Kurbatov. Sbor. nauch. rab. Bel. otd. VBO no. 1: 25-31 '59.

Wrong methods. A. Novikov. Part. zhizn' no. 11:54 Je '61.

WHITE RUSSIA—ECONOMIC CONDITIONS

"Economy of the White Russian S. S. R. and prospects for its development" S. Malinin, M. Ippa. Reviewed by P Lenskii Plan khoz 38 no 6 88-91 Je '61.

Resolutions of the 21st Congress of the CPSU are Lenin's plan for the building of communism in operation. T. Gorbunov. Komm. Bel. 34 no. 4 23-29 Ap '60.

WHITE RUSSIA—ECONOMIC POLICY

Lukashev, K. I., and S. A. Malinin. [Resources and development of the productive forces of White Russia in the seven-year plan] Resursy i razvitie proizvoditel'nykh sil BSSR v semiletke. Minsk, Izd-vo Akad. nauk BSSR, 1961. 107 p.

WHITE RUSSIA—EDUCATION OF CHILDREN

Bright smile. I. Los'. Nar. asv. no. 4 60-65 Ap '61.

WHITE RUSSIA—EDUCATIONAL RESEARCH

Educational theory and the reorganization of schools. P. Sonisau. Nar. asv. no. 3:14-19 Mr '61.

WHITE RUSSIA—ELECTRIC POWER

Voloshin, I. F. [Development of power engineering in White Russia] Razvitie energetiki Belorussii. Minsk, In-t energ. Akad. nauk Belorusskoi SSR, 1960. 176 p.

WHITE RUSSIA—FARM MECHANIZATION

Communist Youth League members of Minsk go to the farm. L. Maksimov. Komsom. zhizn' no. 5 9-11 Mr '60.

WHITE RUSSIA—FOLK POETRY

"Oral poetry of the White Russian people, a college reader." Reviewed by M Molochko, I Tyshchenko Nar tvorch ta etn 1 no 4 131-133 O-D '60

WHITE RUSSIA—GEOLOGY

Geological development of White Russia and the Baltic region in the Paleozoic era. G. Kh. Dikenshtein. Trudy VNIGNI no 10 158-168 '58.

WHITE RUSSIA—GEOLOGY, STRATIGRAPHIC

Age of the sediments of the Poltavskiy series in White Russia. S. S. Manykin. Geol. zhur. 20 no. 2 60-75 '60.

WHITE RUSSIA—GLACIAL EPOCH

Description of genetic types of glacial relief of the Wurmian stage in northwestern White Russia. E. A. Il'in. Dokl. AN BSSR 5 no. 4 168-172 Ap '61.

WHITE RUSSIA—HEMOPOIETIC SYSTEM—DISEASES

Some data on hemopoietic diseases in White Russia. G. Kh. Dovgiallo. Zdrav. Belor. 6 no. 4:13-17 Ap '60.

WHITE RUSSIA—HISTORY—SOURCES

Reports of the governors of Lithuania and western White Russia as a historical source, from 1801 to 1861 N N Ulashchik. Probl istoch. no 9,15-55 '61

WHITE RUSSIA—HISTORY—STUDY AND TEACHING

Teaching White Russian history during the history of the U. S. S. R. course in the tenth grade. M Baranova, N. Pavlova Nar. asv no 1:64-74 Ja '61

WHITE RUSSIA—INDUSTRIES

Big talk about an important matter. IA. Sokolov. Mest. prom i khud. promys. 2 no. 5 24 My '61.

WHITE RUSSIA—JOURNALISM

The seeker finds. V. Ligovoi. Sov. pech no 4 27-28 Ap '61

WHITE RUSSIA—KINDERGARTEN

More attention to institutions for preschool children in rural areas. I Famitskaia. Nar asv no 1 13-16 Ja '61.

WHITE RUSSIA—LOESS

Forms of migration and concentration of calcium carbonates in loess soils of White Russia. K. I. Lukashev, S. G. Dromashko, I. A. Dobrovol'skaia. Dokl. AN BSSR 5 no. 4 163-167 Ap '61.

Forms of migration and concentration of iron in loess soils of White Russia. K I Lukashev, S G. Dromashko, I. A. Dobrovol'skaia Dokl AN BSSR 5 no 5 218-222 My '61.

WHITE RUSSIA—MEDICAL SOCIETIES

White Russian Society on the History of G. Kiuchok. Zdrav. Belor. 6 no

WHITE RUSSIA—NATURAL RESOURCES

Lukashev, K. I., and S. A. Malinin. [development of the productive forces in the seven-year plan] Resursy i nykh sil BSSR v semiletke. Minsk BSSR, 1961. 107 p.

WHITE RUSSIA—PEAT SOILS

Forms of complex formation between matter in peat soils of the White Monskaia, T. V. Drozdova, M. P. Biogeokhim. lab. no. 11:65-69 '6

WHITE RUSSIA—PEDIATRICS

Some aspects of polyclinical service children [with summary in English] I. V Korshun Sov. zdrav 20 no

WHITE RUSSIA—PHOTOGRAPHY

Results and future plans. A. Dittov. 26-27 My '61.

WHITE RUSSIA—PISE

Mechanization of operations in rammed IU. Vilenchik. Sel'. stroi. 15 no.

WHITE RUSSIA—POPLAR

Results obtained from experiments in White Russia. K. F. Miron. S otd. VBO no. 1:98-109 '59.

WHITE RUSSIA—PUBLIC HEALTH—CONGRESSES

First conference on the history of medicine and public health in White Russia G R Kriuchok Sov zdrav 20 no 1 96-98 '61

WHITE RUSSIA—RAILROADS—EMPLOYEES

For the title of enterprise of communist labor V D. Ovsiannikov Put' i put khoz 5 no 1 38-39 Ja '61

WHITE RUSSIA—RECREATION CENTERS

Schools should be the centers and organizers of the recreation of students. V. Shalukha. Nar. asv. no. 4:17-21 Ap '61.

WHITE RUSSIA—REVOLUTION, 1917-1921

Great example of the leader. IU. Shalanov. Komm. Bel. 31 no. 4 16-22 Ap '60.

WHITE RUSSIA—SECTS

How IUra was freed from the influence of sectarians. S. Kapel'ka Rab. i sial. 36 no. 1 17 Ap '60.

WHITE RUSSIA—SHOE INDUSTRY—LABOR PRODUCTIVITY

Ways of increasing labor productivity in the shoe industry of White Russia. K. F Markova Kozh.-obuv prom. 3 no 1 15-17 Ja '61

WHITE RUSSIA—SOCIALIST COMPETITION

Lenin days in our republic. Komm. Bel. 34 no. 4:79-80 Ap '60.

WHITE RUSSIA—STARCH INDUSTRY

Prospects for the development of the starch and syrup industry in White Russia. D D Lapeta Sakh. prom. 34 no. 5 14-16 My '60

WHITE RUSSIA—SUSLIKS

Ecological peculiarities of the suslik Citellus suslicus Güld in White Russia [with summary in English] IU I Petrovskii Zool. zhur. 40 no 5 736-748 '61

WHITE RUSSIA—THEATER

And tomorrow we will be on our way again. A. Morov. Ogonek 39 no. 22 15-16 My '61.

Keys to the hearts of the audience. U Stel'makh Nar asv no 1 75-79 Ja '61

Marthes Sarian. I. Urazov. Ogonek 39 no. 22 16 My '61

WHITE RUSSIA—WOMEN AS PHYSICIANS

New detachment of Honored Physicians of the White Russian S. S. R. Zdrav. Belor. 6 no. 4 75-76 Ap '60.

WHITE RUSSIA—WOMEN AS TEACHERS

A warmhearted woman. Nar. asv. no. 3 16-18 Mr '61.

WHITE RUSSIA—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

Akademiia nauk BSSR, Minsk. Institut istoriyi. [History of the partisan movement in White Russia, 1941-1944; a collection of reminiscences] Iz istorii partizanskogo dvizhenila v Belorussii, 1941-1944 gody; sbornik vospominanii. Minsk, Gos. izd-vo BSSR, Red. sotsial'no-ekon lit-ry, 1961. 505 p.

Krauchanka, I. S. [Work of the Communist Party of White Russia behind enemy lines, 1941-1944] Rabota Kompartyi Belarusi u tylu voraha, 1941-1944 hh. Minsk, Vyd-va Akad. navuk Belaruskai SSR, 1959. 174 p.

Minsk. Instytut historyi partyi. [The struggle of White Russian guerrillas during the Great Patriotic War; collected reminiscences and articles of the organizers of and participants in the guerrilla movement against the occupation forces of German fascists during the

WHITE RUSSIAN LITERATURE—STUDY AND TEACHING
Review lessons in literature in senior grades. L. Rabkou. Nar. asv. no. 3 36-40 Mi '61.

WHITE RUSSIAN POETRY—STUDY AND TEACHING
Studying the lyric poems of M. Tank. A. Sondak. Nar. asv. no. 3 64-74 Mr '61.

WHITE RUSSIAN STUDIES—BIBLIOGRAPHY see Bibliography—White Russian studies

WHITE SEA—SALMON
Acclimatization of Pacific salmons in the Barents and White Seas. A. I. Isaev. Vop. ikht. 1 no. 1 46-51 '61.

WHITEFISHES see subdivision under Bol'shaya Rechka; Vilyuy Valley

WHOLESALE TRADE
(see also subdivision under Pugachev District)
Don't shut yourself within a close circle. N. Seliverstov. Sov. potreb. koop. 5 no. 5:35 My '61.
Questions and answers. Sov. potreb. koop. 4 no. 4:62 Ap '60.

WHOLESALE TRADE—ACCOUNTING
Let's expand the role of accountants in economics. N. Il'in. Sov. torg. 34 no. 5 13-17 My '61.

WHOOPING COUGH
Combined use of streptomycin and human gamma-globulin in experimental whooping cough infection in mice [with summary in English]. A. Toshkov, G. Sheikova, K. Noeva. Antibiotiki 5 no. 2, 67-69 Mr.-Ap. '60.
Features of lesions of the respiratory organs in whooping cough. V. D. Soboleva. Vest. AMN SSSR 15 no. 3 33-36 '60.
Influence of influenza on the course of whooping cough in children. E. P. Manolova. Ped., akush. i gin. 22 no. 4, 3-10 '60.
Session of the Pediatrics Institute of the Soviet Academy of Medical Sciences dealing with the problems of influenza and whooping cough. V. P. Braginskaia. Vest. AMN SSSR 15 no. 3 85-89 '60.
Severe and complicated forms of whooping cough. R. M. Birun. Ped., akush. i gin. 22 no. 4:13-15 '60.
Some changes in the cardiovascular system in whooping cough patients. M. A. Zakharova. Ped., akush. i gin. 22 no. 4, 11-13 '60.
Some clinical immunological and epidemiological problems in whooping cough. V. I. Ioffe, N. N. Sklifosova. Vest. AMN SSSR 15 no. 3 30-33 '60.

WIKITE
Form in which atoms of radioactive elements are found in minerals. I. E. Starik, K. P. Lazarev, E. P. Petriaev. Radiokhimiia 3 no. 2, 207-214 '61.

WILD BOAR see subdivision under Azerbaijan

WILD BOAR, FOSSIL
Microspores from beds in combination with bones of a wild boar (Sus scrofa L.) near the mouth of the Minueshta in Western Bashkiria. A. A. Chigurlaeva. Vop. geol. vost. okr. Rus. platf. i Urzh. Urala no. 5:127-128 '60.

WILD RICE
Aerenchyma in Zizania aquatica L. IU. G. Kaverzneva. Bot. zhur. 45 no. 4:572-577 Ap '60.
Resources for the expansion of fodder supply. A. Kopylova, D. Kolmakov. Sov. potreb. koop. 4 no. 4:46 Ap '60.

WILD RYE
Ear formation in wheat-wild rye hybrids caused by 2, 3, 5-triiodobenzoic acid. A. S. Kasparian. Biul. Glav. bot. sada no. 38:98-100 '60.

WILDLIFE, CONSERVATION OF
(see also subdivision under United States)
Conservation of nature and some tasks of zoological research. N. A. Gladkov. Nauch. dokl. vys. shkoly; biol. nauki no. 2:11-19 '61.

WILLOWS
(see also subdivision under Moscow)
Root systems of the Black and the White alder, common birch and goat willow in natural associations. I. D. Urkevich, V. A. Smirnova, P. E. Sorogovets. Sbor. nauch. rab. Bel. otd. VBO no. 1:158-170 '59.

WILSON, MITCHEL A., 1913-
In the interests of his people. Konstantin Simonov. Inostr. lit. no. 5:187-188 My '61.
"Move forward more rapidly!..." B. Leont'ev. Inostr. lit. no. 5:189-193 My '61.

WILSON HILLS, ANTARCTICA—GNEISS
Gneiss complex in the eastern part of Wilson Hills (Oates Coast). L. V. Klimov. Trudy NIIGA 113:82-97 '60.

WINCHES
Additional brake for the boom winch on the E-1003 and E-1004 track-laying crane. I. D. Ateshin. Stroi. i dor. mash. 6 no. 2:8 F '61.
Automatic control of drawworks by an electric brake [in Azerbaijani with summary in Russian]. M. D. Fatallev. Azerb. neft. khoz. 40 no. 3 17-19 Mr '61.
Hand-operated lever winches. IU. Promzalev, K. Nikul'shin. Sel'. stroi. 15 no. 3:24 Mr '61.
LRN-2 winch for stretching trellis wires. IU. V. Bilitukov, Sh. V. Perkis. Mekh. sil'. hosp. 12 no. 5:7-8 My '61.
Main winch of a multimotor excavator with planet gearing. A. G. Grishanov. Izv. vys. ucheb. zav. gor. zhur. no. 2 123-125 '60.
Winches for hose handling. R. Liashuk, K. Chibisov. Pozh. delo 7 no. 5 26-27 My '61.

WINCHES—TESTING
Stand for running in and testing worm reducing gears for traction winches by means of the closed-contour method. M. L. Kovler, A. G. Gulida. Mashinostroitel' no. 5:25 My '60.

WIND EROSION
Role of shelterbelts in the control of wind erosion on collective farm fields. V. G. Zherebtsov. Les. khoz. 14 no. 6:40-41 Je '61.

WIND POWER
Mechanical irrigator. Tekh. mol. 29 no. 4:37 Ap '61.
Wind boils water. O. G. Shchukin. Nauka i zhizn' 28 no. 4 17 Ap '61.
Winged servant of fertility. IU. Moralevich. IUn. tekh. 5 no. 5:58-61 My '61.

WINDBREAKS, SHELTERBELTS, ETC.
(see also subdivision under Volga Valley)
Establishing green shelterbelts along the course of sirocco-like winds and dust storms. A. D. Gromadchenko. Les. khoz. 14 no. 6:42 Je '61.
For more extensive use of dog rose in shelterbelt afforestation. Les. khoz. 14 no. 6 34 Je '61.
One hundredth anniversary of protective tree planting along railroad lines. S. D. Terekhov. Put' i put. khoz. 5 no. 1, 20-22 Ja '61.
Role of shelterbelts in the control of wind erosion on collective farm fields. V. G. Zherebtsov. Les. khoz. 14 no. 6, 40-41 Je '61.
Silvicultural care of plantations in the Penza-Kamensk shelterbelt. F. I. Serebriakov. Les. khoz. 14 no. 6: 29-32 Je '61.

WINDING MACHINES
Technological processes in manufacturing cabled filaments for powerful oscillator tubes. M. D. Gurevich. Izv. vys. ucheb. zav., prib. 3 no. 1 105-107 '60.

WINDMILL ISLANDS, ANTARCTICA—PETROLOGY
Rocks of Grearson Hills and Windmill Islands (Grearson Oasis). M. G. Ravich. Trudy NIIGA 113:53-84 '60.

WINDOW GARDENING
Flowers on window sills and porches. P. Liaudanskaia. Rab. i sial. 36 no. 1, 23 Ap '60.

WINDOWS
Precast prestressed concrete slabs for clerestory rims. Biul. stroi. tekh. 18 no. 5 31-32 My '61.
Precast reinforced concrete framework. Sel'. stroi. 15 no. 3 insert 3-4 Mr '61.
Using double-pane casement windows. V. Gromov. Zhil.-kom. khoz. 11 no. 2:29-31 F '61.

WINDS
(see also subdivision under Baikal, Lake)
Effect of obstacles on the direction and velocity of winds. D. Zemlianovskii. Rech. transp. 19 no. 2 45-46 F '60.
Relation between the height of wind waves and the velocity of wind according to observations in situ in reservoirs of Central Asia. I. K. Nikitin, E. IA. Frolikova. Trudy SANIIRI no. 99:3-13 '59.

WIRE
Device for determining stress relaxation in wire. L. A. Krasil'nikov, V. A. Chertousov. Zav. lab. 27 no. 5: 614-615 '61.
Method of testing wire materials for creep in torsion. I. B. Kalachev, B. V. Shanshein. Zav. lab. 27 no. 5, 582-585 '61.

WIRE BROADCASTING
[Electric communications and wire broadcasting] Elektricheskaia sviaz' i radiofikatsiia. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1961. 607 p. (Posobiia dlia sviazistov massovykh professii)

WIRE DRAWING—EQUIPMENT AND SUPPLIES
Yakutia diamond draw die for microwire drawing. G. P. Gvozdyk. Stal' 20 no. 7:658-659 Jl '60.

WIRE INDUSTRY—EQUIPMENT AND SUPPLIES
Developing a process of continuous patenting and pickling of wire on a heat-treating and pickling unit. Stal' 21 no. 6:559 Je '61.

WIRE ROPE
Coefficient of flexibility of a wire rope for use in mines. L. I. Zhukov. Izv. vys. ucheb. zav.; gor. zhur. no. 12: 115-127 '59.
Forces bringing together rope wires in bending. L. I. Zhukov. Izv. vys. ucheb. zav., gor. zhur. no. 6 85-94 '60.
Lateral deformation of a wire rope under stress. L. I. Zhukov. Izv. vys. ucheb. zav., gor. zhur. no. 11, 72-81 '59.
Method of calculating parameters in setting the bendability of ropes made with a double twist. B. N. Durodnykh. Izv. vys. ucheb. zav., gor. zhur. no. 9, 105-114 '59.
Method of choosing a rope for rope drills. N. E. Markman. Izv. vys. ucheb. zav.; gor. zhur. no. 11:65-71 '59.
Performance of steel wire ropes under tension. L. I. Zhukov. Izv. vys. ucheb. zav., gor. zhur. no. 9 92-104 '59.

WIRE ROPE—STANDARDS
Experimental verification of standards for the mass production of steel wire rope. P. P. Nesterov, B. D. Tikhovidov. Stal' 21 no. 5, 468-471 My '61.

WIRE ROPE—TESTING
Testing steel cables with electromagnetic devices. V. D. Belyi, M. B. Treiger. Bezop. truda v prom. 5 no. 5 22-24 My '61.

WIT AND HUMOR
The problems of folk humor and satire in V. I. Lenin's works. F. I. Lavrov. Nar. tvorch. ta etn. 1 no. 1 17-22 O-D '60.

WOJNIAKOWSKI, KAZIMIERZ, b. 1772
Sketches by K. Wojniakowski. L. Tananaeva. Iskusstvo 24 no. 5:59-62 '61.

WOLF FISH see subdivision under Barents Sea

WOLVES see subdivision under Volchansk District

WOMB see Uterus

WOMEN
(see also subdivision under Indonesia; Uzbekistan)
Active and courageous. G. Kamennaia. Sov. voin. 41 no. 4:2 F '60.
For young housewives. V. IAngazov. Komsom. zhizn' no. 15/16:62-63 Ag '60.

WOMEN—BIBLIOGRAPHY see Bibliography—Women

WOMEN—DISEASES
Mental and physical condition of women in the postcriminal period and postnatal psychoses. I. E. Averbukh. Vop. psikh. i nevr. no. 5 193-201 '59.

WOMEN—DISEASES AND HYGIENE see subdivision under Minsk

WOMEN—EMPLOYMENT
(see also subdivision under Daghestan; North Kazakhstan Province; Novogrudok District; Uzbekistan)
Arduous road. D. Chaika. Rab. i sial. 36 no. 1:10-11 Ap '60.

WOMEN—HEALTH AND HYGIENE see subdivision under Azerbaijan

WOMEN—HISTORY AND CONDITION OF WOMEN see subdivision under Soviet Central Asia

WOMEN—RIGHTS OF WOMEN
(see also subdivision under Daghestan; Vietnam, North)
Triumph of Lenin's idea on equal rights for women. IE. Mel'nyk. Rad. pravo no. 2:19-28 Mr.-Ap. '60.

WOMEN—SOCIETIES AND CLUBS see subdivision under Bryansk

WOMEN AND SOCIALISM
Famous daughters of the Soviet people. Tekst. prom. 20 no. 3:1-6 Mr '60.

WOMEN AS FARMERS see subdivision under Dzerzhinsk District; Shklov District; Uzbekistan

WOMEN AS JUDGES see subdivision under Ulan-Ude

WOMEN AS MINERS see subdivision under Kazakhstan

WOMEN AS PHYSICIANS see subdivision under Lipkany District; White Russia

WOMEN AS SOLDIERS
Duty, honor, courage, heroism. I. Lysenko, G. Leonov. Sov. voin. 41 no. 4:22 F '60.

WOMEN AS TEACHERS see subdivision under White Russia

WOMEN IN AERONAUTICS
An emergency landing. IU. Sokolenko. Ukraina no. 7 23 Ap '60.

WOMEN IN LITERATURE
Women portrayed in Soviet literature. Z. Rubasheva. V mire knig 1 no. 3:22-23 Mr '61.

WOMEN IN POETRY

Women's life in folk lyrics and T. H. Shevchenko's lyric poems. I. I. Pil'chuk. Nar. tvorch. ta etn. 5 no. 1 39-48 Ja-F '61.

WOOD

Better utilization of wood in construction. G. Buka. Avt. dor. 24 no. 4 30 Ap '61.

Breeding aspen in the forest-steppe for fast growth, rot resistance, and wood quality. S. P. Ivannikov. [Trudy] VNIILM no. 38 63-124 '59.

Effect of fungous diseases on the physicomechanical properties of oriental beech wood. G. N. Bekesha. Izv. vys. ucheb. zav., les. zhur. 3 no. 1 121-126 '60.

Experiment in the imitation of valuable wood species. A. E. Finoshin, N. B. Smirnova. Der. prom. 10 no. 3 20 Mr '61.

New data on the physical properties of wood. B. N. Ugolev. Der. prom. 10 no. 5:20 My '61.

Pencils made from the wood of myco-trees. Un. tekh. 5 no. 2:42 F '61.

Structure and properties of the wood of the Siberian larch and scotch pine. N. I. Fedorov. Sbor. nauch. rab. Bel. otd. VBO no. 1:154-157 '59.

Structure of larch wood depending on the growing zone. V. P. Levchenko. Visnyk sil'hosp. nauky 1 no. 4 109-114 Ap '61.

WOOD—CHEMISTRY

Chemical composition of European beech wood. D. M. Vinokurov, N. I. Khomenko. Izv. vys. ucheb. zav., les. zhur. 3 no. 1 155-159 '60.

Two efficiency promotion suggestions. E. A. Fedorov. Gidroliz. i lesokhim. prom. 14 no. 4:22-23 '61.

WOOD—CHEMISTRY—BIBLIOGRAPHY see Bibliography—Wood—Chemistry

WOOD—MOISTURE

Device for determining the moisture of the wood particle mass. A. E. Finoshin, A. L. Korobochkina. Der. prom. 10 no. 5:21 My '61.

WOOD—PERMEABILITY

Permeability and effective radii of the capillarity system in wood. M. O. Osnach. Visnyk AN URSR no. 1:27-29 '61.

Wood permeability. N. A. Osnach. Der. prom. 10 no. 3: 11-13 Mr '61.

WOOD—TESTING

Physicomechanical properties of the limb and crown wood of Carpathian beech. T. M. Shkitin. Izv. vys. ucheb. zav., les. zhur. 3 no. 1 111-115 '60.

WOOD—THERMAL PROPERTIES

Computation of the thawing process in frozen wood. K. R. Kantor. Der. prom. 10 no. 3:14-15 Mr '61.

WOOD, COMPRESSED

Effect of the press-plates temperature on the physical and mechanical properties of piesothermoplastics. A. N. Minin, A. G. Lakhtanov. Der. prom. 10 no. 3:9-11 Mr '61.

Gol'tsman, I. I., and B. A. Narizhnyi. [Manufacture of wood-chip panels] Izgotovlenie drevesno-struzhechnykh plit. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 88 p.

New material made from pressed sawdust. V. N. Petri, A. A. Cheremisin. Der. prom. 10 no. 3:15-16 Mr '61.

New method of preparing articles from wood waste. Sel'stroi 15 no. 3:30 Mr '61.

WOOD CARVING

(see also subdivision under Kosov District)

Made by a great wood carver. B. Altab'iev. Ukraina no. 7:12 Ap '60.

WOOD CARVING, UKRAINIAN

An amateur wood carver. V. L. Nechypurenko. Nar. tvorch. ta etn. 4 no. 4 96-97 O-D '60.

WOOD FINISHING

Mechanization of the finishing of armrests. O. N. Khokhlov. Der. prom. 10 no. 3:18-19 Mr '61.

WOOD RESEARCH see subdivision under Leningrad

WOOD-STAINING FUNGI

Destruction of the secondary layer of cell walls by blue stain fungi. I. G. Krapivina. Izv. vys. ucheb. zav., les. zhur. 3 no. 1 130-133 '60.

WOOD-USING INDUSTRIES

Standard building plan for lumber and wood waste using enterprises. N. M. Miasoedov. Les. khoz. 14 no. 6: 24-28 Je '61.

WOOD-USING INDUSTRIES—SAFETY MEASURES see subdivision under Shakhun'ya District

WOOD WASTE

Conference on the results of the thematic exhibition "Comprehensive utilization of waste from lumbering, sawing, woodwork, firewood, soft deciduous and larch wood." Der. prom. 10 no. 5:insert My '61.

For full and over-all utilization of wood waste. Les. khoz. 14 no. 6:68-70 Je '61.

Production of methane and organic fertilizers through fermentation of wood waste and manure [with summary in English]. I. I. Romashkevich, G. N. Karelina. Mikrobiologiia 30 no. 1 146-151 Ja-F '61.

Standard building plan for lumber and wood waste using enterprises. N. M. Miasoedov. Les. khoz. 14 no. 6 24-28 Je '61.

WOODEN BRIDGES see Bridges, Wooden

WOODPECKERS

Greater spotted woodpecker as a destroyer of nests. A. A. Inozemtsev. Priroda 50 no. 6 116-117 Je '61.

WOODPULP

(see also subdivision under Balakhna, Krasnokamsk)

From the pages of foreign journals. Bum. prom. 36 no. 4:32 Ap '61.

Honorary duty of each digester man. I. V. Arinushev. Bum. prom. 36 no. 5 20 My '61.

Investigating the carbohydrate composition of hemicelluloses of sulfite and sulfate viscose pulp. I. G. Ospenko, T. V. Belen'kaia, E. A. Skrigan. Dokl. AN BSSR 5 no. 4 159-162 Ap '61.

Production of refined sulfite pulp for extra-strong fibers. L. T. Akim, Z. P. El'nitskaia. Bum. prom. 36 no. 4:12-14 Ap '61.

Pump for transferring a high concentration pulp. E. IA. Dubrovskii. Bum. prom. 36 no. 4:14-15 Ap '61.

Rapid cooking of woodpulp will increase production output. Bum. prom. 36 no. 5:17-19 My '61.

Removal of harmful tar in the process of pulp beating. G. A. Kalistratov, Z. IA. Skvortsova. Bum. prom. 36 no. 5 9-10 My '61.

Results of the discussion: "woodpulp or sulfite alcohol?" D. S. Sokolovskii. Bum. prom. 36 no. 4:5 Ap '61.

Selecting washing and dewatering conditions for sulfate pulp in drum-type vacuum filters. N. V. Shpanov, V. I. Konovalova. Trudy NIIKHIMMASH no. 29,117-125 '59.

WOODPULP—BIBLIOGRAPHY see Bibliography—Woodpulp

WOODPULP INDUSTRY

Length of the wood fibers of hybride poplars. P. L. Bogdanov. Izv. vys. ucheb. zav., les. zhur. 3 no. 1: 29-30 '60.

Raising the woodpulp output per cubic meter of a digester is an important source for production increase. Bum. prom. 36 no. 5 17 My '61.

We must strive for the best results in each section of the woodpulp production. S. A. Puzyrev. Bum. prom. 36 no. 4:3-4 Ap '61.

Young lumbermen speak. D. Semenov. Komsom. zhizn' no. 15/16 45-47 Ag '60.

WOODPULP INDUSTRY—BIBLIOGRAPHY see Bibliography—Woodpulp industry

WOODPULP INDUSTRY—BY-PRODUCTS see subdivision under United States

WOODPULP INDUSTRY—EQUIPMENT AND SUPPLIES

In imitation of innovators. Bum. prom. 36 no. 5:10 My '61.

WOODWORK

Let's improve the organization of sawing and woodworking at establishments under the Main Administration of the Gas Industry. A. A. Andreev. Stroi. truboprov. 6 no. 2: 13 F '61.

Mechanism of high polymer cohesion and adhesion. N. I. Moskvitin, N. M. Alferova, V. N. Nikitina. Izv. vys. ucheb. zav., les. zhur. 3 no. 1 134-140 '60.

WOODWORKING INDUSTRIES

(see also subdivision under Kremen' row Province)

Automatic lines for the production o parts. R. E. Kaliteevskii and other vo. 3:7-9 Mr '61.

From pages of technical and econom nomic councils. Der. prom. 10 n

From the pages of technical and eco economic councils. Der. prom. 10

WOODWORKING MACHINERY

(see also subdivision under Germa

Machine for the manufacture of rou M. M. Shustef. Put' i put. khoz

Mechanized TS-1 model trimmer. M IU. G. Gorodetskii, B. M. Smirnov. 16-17 My '61.

Use of rack separating systems on t selective control. G. M. Gernet. 1 9-10 My '61.

WOODWORKING MACHINERY—EXHI subdivision under Leipzig

WOODWORKING MACHINERY—HYDI

Preselective control of a trimmer v G. M. Gernet. Izv. vys. ucheb. zav 105-111 '60

WOODY PLANTS

Effect of gibberellic acid on woody plants. D. A. Komissarov. Dokl. AN SSSR 136 no. 5,1241-1244 F '61.

WOOL

(see also subdivision under Uzbekistan)

Ways to improve the quality of wool. I. Bakanenkov. Sov. potreb. koop. 4 no. 4,61-62 Ap '60.

WOOLEN AND WORSTED MANUFACTURE

Changes occurring in the properties of yarn during the felting of coarse woolen cloth. A. I. Pavlov. Izv. vys. ucheb. zav., tekh. teks. prom. no. 2:3-9 '61.

Treatment of staple fiber suiting with the GKZh-94 preparation. M. M. Dianich. Tekst. prom. 20 no. 3 61-62 Mr '60.

WORK

Apparatus for studying capacity for work and checking the effectiveness of industrial callisthenics. IU. N. Verkhalo, A. V. Zinkovskii. Teor. i prak. fiz. kul't. 24 no. 1 271-278 '61.

Changes in the dynamics of the capacity for work in workers on various shifts. T. A. Trefilova. Teor. i prak. fiz. kul't. 24 no. 4 282-283 '61.

Filatov, V. S. [Influence of work on the formation of human character] O vliianii truda na formirovanie kharaktera cheloveka. Moskva, Vses. uchebno-pedagog. izd-vo Profteklizdat, 1960. 42 p. (Vospitanie kommunisticheskogo otnosheniia k trudu)

Problems in ideological work. V mire knig 1 no. 5: My '61.

Theoretical basis of combining education with productive work. V. A. Zhdanov. Uch. zap. Chel. gos. ped. inst. 6 no. 1 3-18 '59.

WORK CLOTHES

Consultation on work clothes, work shoes, and safety devices. Razved. i okh. nedr 27 no. 3 49-50 Mr '61.

New norms but old usages. I. Chuprikov and others. Okhr. truda i sots. strakh. 4 no. 5 42-44 My '61.

Your work clothes. Sov. profsoiuzy 17 no. 11:46 Je '61.

WORKINGMEN'S CLUBS see subdivision under Zaporozh'ye

WORKS COUNCILS

(see also subdivision under Kostroma Province)

How we carry out Leninist ideas on drawing workers into the administration of industrial enterprises. An. Tkach. Rad. pravo no. 2 18-22 Mr-Ap '60.

WORLD FLIGHTS see Flights around the world

WORLD POLITICS

After N. S. Khrushchev's visit to France. Blok agit. [Ukr.] no. 12 58-59 Ap '60.

A decisive factor in present-day social development. A. Kravchenko. Komm. Mold. 6 no. 5:8-18 My '61.

Development of the world socialist system and the new phase of international relations. N. Inozemtsev. Kommunist 38 no. 9:93-105 Je '61.

Documents of the Conference of the Representatives of Communist and Workers' Parties as the further development of the Leninist theory of peaceful coexistence. R. H. Symonenko. Ukr. ist. zhur. 5 no. 3:15-26 My-Je '61.

The economics and politics of present-day imperialism [with summary in English, pp. 164-165]. G. A. Deborin. Vop. filos. 15 no. 5 20-33 '61.

For the triumph of a "policy from the position of reason." Kommunist 38 no. 9:86-92 Je '61.

Guardians of the peace and safety of nations. N. Aleksandrov. Komm. Ukr. 36 no. 6:43-51 Je '61.

Globus No. 4. Smena 30 no. 8:16-17 Ap '61.

WORLD POLITICS (Continued)

A remarkable event of our time. Nar. asv. no. 1:3-8 Ja '61

World events. Nov. vrem. 19 no. 21:32 My '61.

World events. Nov. vrem. 19 no. 22:32 My '61.

World events. Nov. vrem. 19 no. 23:32 Je '61

World events. Nov. vrem. 19 no. 24:32 Je '61.

World events. Nov. vrem. 19 no. 25:32 Je '61

WORLD WAR, 1939-1945

(see also subdivision under Bulgaria, Czechoslovakia, Dnieper Valley, France, Germany, Italy, Kazakhstan; Kiev, Lithuania, Moldavia, Ukraine, White Russia, Yugoslavia; Zaporozh'ye)

The Academy of Sciences of the U.S.S.R. during the Great Patriotic War. B.V. Levshin. Ist. SSSR 5 no. 3:19-27 My-Je '61

The blitzkrieg of German fascists and its failure in 1941 [with summary in English, p. 173] N.A. Zhilin. Nov. i noveish. ist. no. 3:20-33 '61

Decisive factor which changed the nature of the Second World War. V.I. Klokov. Ukr. ist. zhur. 5 no. 3:49-60 My-Je '61

The documents of heroic years. Kommunist 38 no. 9:30-38 Je '61.

Hitler's plans for the achievement of world supremacy. Voen.-ist. zhur. 3 no. 6:87-92 Je '61

Immortal deed of the Soviet people. S. Levitin. Sov. profsoiuzy 17 no. 11:12-11 Je '61

The labor heroism of collective farm women in Daghestan during the Great Patriotic War. A.G. Meleshko. Ucn. zap. IIAL Dag. fil. AN SSSR 6 305-321 '60

A legacy for future generations. D. Mel'nikov. Mezhdunar. hizn' 8 no. 6:91-97 Je '61.

Lessons of the Great Patriotic War. V. Kurasov. Komm. Vooruzh. Sil 1 no. 11 21-30 Je '61

Military exploits of the Soviet people. Part. zhizn' Kazakh. 31 no. 6:9-13 Je '61.

Peace will conquer war; on the 20th anniversary of the beginning of the Great Patriotic War of the Soviet Union against fascist Germany. A. Zelentsov. Komm. Mold. 6 no. 5:19-27 My '61.

"Strategic planning for coalition warfare, 1943-1944" [in English] by M. Matloff. Reviewed by N.I. Lebedev. Nov. i noveish. ist. no. 3:141-143 '61.

Teaching the history of the Great Patriotic War in Kiev University. A.K. Martynenko, F.P. Ostapenko, P.V. Shymko-Shimaha. Ukr. ist. zhur. 5 no. 3:91-98 My-Je '61.

Those who defended their motherland. Voen.-ist. zhur. 3 no. 6:48-63 Je '61.

The 20th anniversary of the beginning of the Great Patriotic War. R. Malinovskii. Voen.-ist. zhur. 3 no. 6:3-11 Je '61

We shall never forget that. Part. zhizn' no. 11:30-37 Je '61.

We should study the ideological work of the CPSU at the front more thoroughly ("The ideological work of the CPSU at the front, 1941-1945," Reviewed by I. Timoshchenko, P. Golochkin). Voen.-ist. zhur. 3 no. 6:93-98 Je '61.

The work of political organizations in the ideological and political education of Soviet soldiers during the first phase of the Great Patriotic War. A. Kiselev, I.A. Kuznetsov. Voen.-ist. zhur. 3 no. 5:3-14 My '61.

WORLD WAR, 1939-1945—AERIAL OPERATIONS

Airborne landing in the rear of the enemy. P. Sagaidak. Voen. vest. 40 no. 10:18-21 O '60.

WORLD WAR, 1939-1945—AERIAL OPERATIONS, FRENCH

memoirs of a

WORLD WAR, 1939-1945—CHILDREN

The Shchekinas. S. Vinogradova. Neva no. 4 221-222 '61

WORLD WAR, 1939-1945—COLLABORATIONISTS

With a cross and machine gun. T. Stepanchuk. Ogonek 39 no. 22:30 My '61

WORLD WAR, 1939-1945—DIPLOMATIC HISTORY

Features of Afghan foreign policy during the initial period of the Second World War, 1939-1941. R.F. Akhramovich. Krat. soob. Inst. vost. no. 37 3-8 '60

Interimperialistic struggle in Afghanistan during the Second World War. N.M. Gurevich. Krat. soob. Inst. vost. no. 37 51-52 '60.

Plans for the establishment of the "East European Federation" during the Second World War. A.N. Zaikin. Uch. zap. Kazakh. un. 47 19-26 '60.

WORLD WAR, 1939-1945—OCCUPIED TERRITORIES

How fascist Germany used the resources of occupied and dependent European countries for its war with the U.S.S.R. I. Telegin. Voen.-ist. zhur. 3 no. 6 37-47 Je '61

WORLD WAR, 1939-1945—PERSONAL NARRATIVES

An amazing collection. Ed. Arenin. Zvezda no. 3: 166-167 Mr '61.

A chronicle of courage and heroism. S. Bilfuzov. Novyi mir 36 no. 5 161-166 My '60.

Fate of Alla Nikitina. A. Khazanov. Ogonek 39 no. 22:28-29 My '61

From our correspondent... ("Divizionka" by M. Alekseev. Reviewed by V. Baskakov). Moskva 4 no. 3: 191-192 '60.

Military craftsmanship on the battlefield. Voen.-ist. zhur. 3 no. 5:52-60 My '61.

Reminiscences about our heroic past ("The path of struggle and glory," Reviewed by V. Morozov). Voen.-ist. zhur. 3 no. 6:106-109 Je '61

Reminiscences on the Great Patriotic War. I. Prochko. Voen.-ist. zhur. 3 no. 5:95-104 My '61.

A thorough discussion. O. Fel'dman, V. Cheremnykh. Voen.-ist. zhur. 3 no. 5:105-110 My '61.

WORLD WAR, 1939-1945—PHOTOGRAPHY

Pages from a discovered diary. Isk. kino no. 6:89-93 Je '61.

WORLD WAR, 1939-1945—PRISONERS AND PRISONS

"Where soldiers learnt to think, war prisoners in the Soviet Union according to the materials of the newspaper "Nachrichten" [in German] by Emil Jeschonnek. Reviewed by I.I. Lunev. Ist. SSSR 5 no. 2:214-218 Mr-Ap '61.

WORLD WAR, 1939-1945—SUPPLIES

The development of strategic home front areas during the Great Patriotic War. A. Khrulev. Voen.-ist. zhur. 3 no. 6:64-86 Je '61.

WORLD WAR, 1939-1945—TRANSPORTATION

The development of strategic home front areas during the Great Patriotic War. A. Khrulev. Voen.-ist. zhur. 3 no. 6:64-86 Je '61.

WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

An international conference on "The resistance movement and the younger generation." V.I. Klokov. Ukr. ist. zhur. 4 no. 2 166-167 Mr-Ap '60

"International notebooks of the resistance movement" [in German and French]. Reviewed by I.M. Kulinych. Ukr. ist. zhur. 5 no. 3 106-109 My-Je '61

Let's prepare the history of the popular guerrilla movement from 1941 to 1945. Ist. SSSR 5 no. 2:3-9 Mr-Ap

"The "Young guard" ("The Young Guard"); s and reminiscences. Reviewed by ir. 37 no. 5:268-270 My '61.

IND PARASITIC

under Asia, Central; Sverd-

ectious hepatitis in combination d protozoiasis and problems in F. Pal'tseva. Lech. infekts. bol'.

ic flies with helminth eggs. N.A. Belor. 6 no. 4:54 Ap '60.

intis are injurious to health] v'in. [Leningrad] Gos. izd-vo Leningr. otd-nie, 1960. 29 p. da meditsinskaia literatura)

ar multiplication in the epidermis of ng of skin wounds [with summary in lobova. Biul. eksp. biol. i med. 50 0,

exclusion of the central nervous drate on the healing of wounds in rade. Dokl. AN Azerb. SSR 17

Regeneration of injured tissues and the possibility of its course being affected during the action of X rays on the body. Experimental data. F.M. Golub and others. Med. zhur. Uzb. no. 11 16-21 N '60.

WOUNDS—TREATMENT

Biological activity of combined tinctures of poplar and birch buds [with summary in English] M.S. Khovanskaia. Antibiotiki 6 no. 4:368-369 Ap '61

"Physical antisepsis and the treatment of wounds" by L.M. Krakinovskaia. Reviewed by I.A. Zinov'ev. Sov. zdrav. 20 no. 4 75-76 '61

WRESTLING

(see also subdivision under Uzbekistan)

Functional tests for wrestlers. V.A. Gesselevich, A.A. Novikov. Teor. i prak. fiz. kul't. 24 no. 1 63 61 '61

"Wrestling, classic and free style" by N.N. Sorokin. Reviewed by T. Stepanov, G. Goncharov, A. Karapetian. Teor. i prak. fiz. kul't. 24 no. 5:369-371 '61.

WRITING, INVISIBLE

Exposure of invisible texts written in violet ink. A.A. Vybornova. Sov. krim. na sluzh. sled. no. 14:80-113 '61.

WU, CHING-TZŬ, 1701-1754

The ideological content of the 18th century satirical novel "The scholars" by Wu Ching-tzŭ. D.N. Voskresenskii. Vop. iaz. i lit. no. 1:146-179 '59.

WURTZITE

Bond type and properties of the semiconductor crystallochemical group diamond - zinc blende - wurtzite. N.A. Goriunova. Probl. kin. i kat. 10 96-101 '60.

X-RAY ABSORPTION

K-spectrum of x-ray absorption of iron. I.M. Shepelevа, IU.P. Itkhin. Fiz. met. i metalloved. 11 no. 2:313-314 F '61.

X-RAY CRYSTALLOGRAPHY

X-ray investigation of second order strains in thin layers of rock salt and aluminum prepared by evaporation in vacuum. M.A. Levitskaia, E.A. Kuznetsova. Fiz. met. i metalloved. 9 no. 4:507-509 Ap '60.

X-ray study of isomorphism in perovskites [with summary in English]. V.A. Frank-Kamenetskii, I. Veseli-sVII. Geokhimiia no. 5 379-389 '61.

X-RAY SPECTROSCOPY

Rotating X-ray tube for vacuum spectrography. V.A. Trapeznikov. Fiz. met. i metalloved. 9 no. 4 639-640 Ap '60

X RAYS

Radiolysis and radiation oxidation of diisopropyl ether [with summary in English]. V.V. Sarycheva, B.IA. Lodygin, Nam Chan Sun. Zhur. fiz. khim. 34 no. 4 759-761 Ap '60.

Spectrophotometric study of the structure of solvated ions in solutions and the degree of their stability under X-irradiation. E.E. Vainshtein, L.I. Antipova-Karataeva. Izv. Sib. otd. AN SSSR no. 3 38-45 '61.

X RAYS—DIFFRACTION

Deformation effect in cold-deformed metals connected with characteristic dislocations and widening of x-ray fringes. Part 1. Elastic isotropy. K.P. Rinkevich, E.V. Tikhonov. Fiz. met. i metalloved. 11 no. 4 489-495 Ap '61.

X RAYS—EQUIPMENT AND SUPPLIES

Modified standard small-size fluoroscope. S.F. Adamian. Probl. tub. 39 no. 3 109 '61

X RAYS—INDUSTRIAL APPLICATIONS

Distribution of smoky color in X-irradiated crystals of synthetic quartz. L.I. TSinober. Trudy VNIIP [MS] 3 no. 2:95-103 '60.

First All-Union Conference on the X-Ray Analysis of Minerals. IE.H. Kukovskyi. Geol. zhur. 20 no. 1 107 '60.

Investigating a pseudobinary section of ZnSb-CdSb by the Debye method. IA.L. Giller, V.E. Shmaevskii, D.I. Vadets. Fiz. met. i metalloved. 11 no. 2:311-313 F '61.

Mineralogy of vesuvianite and garnet chorts of the Kyshtym region (Central Urals). A.I. Simonov, B.A. IUnikov. Trudy Gor.-geol. inst. UFAN SSSR no. 32 197-207 '59.

X RAYS—PHYSIOLOGICAL EFFECT

Ascorbic acid content of guinea pig organs after a single dose of X-irradiation [with summary in English] Z.IA. Dolgova. Vop. med. khim. 6 no. 2 166-168 Mr-Ap '60

Cancer of the skin of the perineum appearing after X-ray therapy for eczema. R.A. Mel'nikov. S.S. Partsyn. Vop. onk. 7 no. 3:87-89 '61.

Changes in the amount of sulfhydryl groups in structural elements of cells in the X-irradiated rat liver [with summary in English]. E.M. Kedrova, Zh.A. Antokol'skaia, V.M. Rodionov. Biokhimiia 26 no. 2:234-236 Mr-Ap '61.

Comparative study of the influence of X-rays, cortisone, alkylating agents and 9,10-dimethyl-1, 2-benzathracene on the growth heterologous tumors [with summary in English]. IU.M. Vasil'ev, A.M. Garin. Fiziol. i eksp. terap. 5 no. 2:10-13 Mr-Ap '61.

X RAYS – PHYSIOLOGICAL EFFECT (Continued)

Conditions of yeast reactivation following radiation injury [with summary in English]. T. S. Remezova, V. P. Tret'iakova. Zhur. ob. biol. 22 no. 2 120-127 Mr-Ap '61.

Development of collateral lymph circulation following local X-irradiation [with summary in English] T. D. Pozharitskaia. Arkh. anat. gist. i embr. 40 no. 2 101-105 F '61.

Effect of ionizing radiation on the functional state of the reticuloendothelial system. M. S. Konstantinova, T. I. Mazina, M. M. Reikhel'. Fiziol. zhur. 47 no. 2:226-229 F '61.

Effect of local irradiation on the cerebellum and cervical area of the spinal cord. A. P. Mironova. Fiziol. zhur. 47 no. 3:221-225 F '61.

Effect of roentgen rays on the development of rat embryos following denervation of the uterus [with summary in English]. N. A. Samoshkina. Arkh. anat. gist. i embr. 38 no. 3 53-62 Mr '60.

Effect of small doses of X rays on inhibition in the extinction stage in rabbits [with summary in English]. I. V. Mal'kova. Zhur. vys. nerv. deiat. 11 no. 1 165-168 Ja-F '61.

Effect of total-body X-irradiation on regeneration of the sciatic nerve in the rabbit [with summary in English]. V. S. Vinogradov. Arkh. anat. gist. i embr. 39 no. 11 44-50 N '60.

Effect of X irradiation on the duration of so-called animal hypnosis in intact animals and after the removal of cerebral hemispheres. P. V. Simonov. Zhur. vys. nerv. deiat. 11 no. 1 169-170 Ja-F '61.

Effect of X rays on the regeneration of tubular bones (os tibia) in rats. S. A. Ivanova, Z. A. Mikeladze. Nauch. dokl. vys. shkoly, biol. nauki no. 2,120-126 '61.

Functions of the telomeric part of chromosomes in embryonic mitoses. A. A. Prokof'eva-Bel'govskaia. Dokl. AN SSSR 138 no. 3:688-691 My '61.

Nature of some structural changes in adrenal glands induced by ionizing radiation. B. M. Gruevskaia, R. N. Shchedrina. Dokl. AN SSSR 138 no. 4:941-944 Je '61.

Nucleotide metabolism in larvae of the boe moth (Galleria mellonella L.) under normal conditions and following irradiations [with summary in English]. G. A. Kritskii, Chai Ch'i-wei. Biokhimiia 26 no. 2 249-253 Mr-Ap '61.

Posttraumatic regeneration of musculature of the skeletal type following general and local irradiation with roentgen rays [with summary in English]. E. V. Dmitrieva. Arkh. anat. gist. i embr. 39 no. 11 11-22 N '60.

Radiation study of morphogenetic functions of nuclei at the early developmental stage of tailless amphibians. A. A. Neifakh. Dokl. AN SSSR 136 no. 5:1248-1251 F '61.

Radiosensitivity of denervated marrow [with summary in English]. V. G. Kondratenko. Izv. AN SSSR, Ser. biol. no. 3:458-460 My-Je '61.

Reduction of the digits in healthy mice after roentgen irradiation [with summary in English]. A. A. Neifakh. Arkh. anat. gist. i embr. 39 no. 11 74-82 N '60.

Regeneration of injured tissues and the possibility of its course being affected during the action of X rays on the body. Experimental data. F. M. Golub and others. Med. zhur. Uzb. no. 11:10-21 N '60.

Regeneration of striated muscles after roentgen irradiation [with summary in English]. Wang Hsiu-pi. Arkh. anat. gist. i embr. 39 no. 11. 23-32 N '60.

Restoring X-ray-inhibited regeneration capacity of ovoloil extremities by the use of proteins, nucleic acids, and lyophylized tissues. L. V. Polezhaev, N. A. Teplits, N. I. Ermakova. Dokl. AN SSSR 136 no. 2: 477-480 My '61.

Some features of the higher nervous activity of adult animals subjected to ionizing radiations during intrauterine development. Report No. 3. Status of the higher nervous activity of adult white mice irradiated with X rays during the preimplantation stage of antenatal development [with summary in English]. I. A. Piontkovskii, M. B. Gol'dberg, V. E. Miklashevskii. Biul. eksp. biol. i med. 51 no. 1.27-31 Ja '61.

Tone of the cardiac center of the vagus nerve in dogs following X-irradiation. V. V. Antipov. Pat. fiziol. i eksp. terap. 4 no. 4:75 Jl-Ag '60.

Variability of Clostridium perfringens isolated from foci of latent gas gangrene in X-irradiated animals. L. H. Kovtunovych. Mikrobiol. zhur. 23 no. 1:62-66 '61.

X RAYS—THERAPEUTIC USE

X-ray therapy for mycosis of the scalp in 2-3 year-old children. M. F. Prikhod'ko, B. S. Sagatov. Med. zhur. Uzb. no. 11:21-24 N '60.

X-ray treatment of sequelae of closed cerebrocranial injuries. N. A. Zaichikova, B. N. Pil'. Vop. psikh. i nevr. no. 5:152-157 '59.

XANTHIC ACID

Some derivatives of xanthic acids. S. M. Gurvich, R. IA. Belova. Zhur. ob. khim. 31 no. 5 1631-1636 My '61.

XANTHINE OXIDASE

Biogeochemical provinces rich in molybdenum in the Armenian S. S. R. G. A. IArovaia. Trudy Biogeokhim. lab. no. 11:208-214 '60.

XANTHOPHYLLS

Comparative study of the effect of photosynthetic poisons on photochemical conversion of some xanthophylls [with summary in English]. Z. M. Eidel'man and others. Fiziol. rast. 7 no. 2.128-132 '60.

XENON—THERMAL PROPERTIES

Heat capacity of xenon near the critical point and the value $\left(\frac{\partial^2 p}{\partial v \partial T}\right)_{T_k}$. A. V. Voronel'. Zhur. fiz. khim. 35 no. 4 958-959 Ap '61.

XEROGRAPHY

Reciprocity law and the quasi-stationary state. E. I. Adirovich, V. M. Fridkin. Zhur. nauch. i prikl. fot. i kin. 6 no. 3:233-234 My '61.

Studying kinetics of the development of the latent image in xerography. I. V. Antilov. Zhur. nauch. i prikl. fot. i kin. 6 no. 3 220-224 My '61.

XEROPHYTES see subdivision under Kyzyl Kum

XYLENE

Chloromethylation of benzene derivatives and xylenes (m and p) by paraform and hydrogen chloride in the presence of stannic chloride. A. A. Vansheidt, E. P. Mel'nikova, IU. A. Tallier. Zhur. prikl. khim. 34 no. 3 705-707 Mr '61.

XYLENEDIAMINE

Polymer synthesis. Part 1: Synthesis of polyamides based on xylylene-diamines [with summary in English]. S. R. Rafikov and others. Vysokom. soed. 3 no. 5:690-705 My '61.

YACHTS AND YACHTING see subdivision under Great Britain

YAKUTIA—BUILDINGS, PORTABLE

Improving nomadic dwellings of the peoples of the North. L. I. Faiko. Sov. etn. no. 2:144-150 Mr-Ap '60.

YAKUTIA—COAL GEOLOGY

Akademiia nauk SSSR, Laboratoriia geologii uglia. [Coal-bearing area of southern Yakutia] IUzhnoiakutskaia uglenosnaia ploshchad'. Moskva, Izd-vo Akad. nauk SSSR, 1961,454 p. (Trudy, no. 11)

YAKUTIA—DIAMONDS

Some features of the method of processing the results of geophysical research in direct prospecting for diamonds in the Yakut A. S. S. R. A. S. Varlamov and others. Izv. vys. ucheb. zav., geol. i razv. 3 no. 12 89-97 D '60.

YAKUTIA—FORESTS AND FORESTRY

Forests of southwestern districts of the Lena Valley in Yakutia and measures for furthering forest regeneration in felling and burnt-over areas. I. P. Shcherbakov, R. V. Chugunova. Trudy Inst. biol. IAFAN SSSR no. 7:5-161 '61.

YAKUTIA—GEOLOGY, STRUCTURAL

Structure of the Vilyuy synecline and Verkhoyansk trough in the Jurassic superface [with summary in English]. G. D. Bubnian, A. K. Bobrov. Geol. i geofiz. no. 3:35-41 '61.

Tectonic regionalization of northeastern Yakutia based on geophysical data [with summary in English]. K. K. Shaposhnikov, K. I. Shaposhnikova. Geol. i geofiz. no. 3 42-47 '61.

YAKUTIA—KIMBERLITE

Some minerals in kimberlites and enclosing rocks of pipes in Yakutia. A. A. Menitailov, V. G. Ivanova. Izv. Sib. otd. AN SSSR Geol. i geofiz. no. 1:23-29 '58.

YAKUTIA—KIMBERLITE—CLASSIFICATION

Classification of certain characteristic types of kimberlites of Yakutia [with summary in English]. V. V. Koval'skii. Geol. i geofiz. no. 2.61-76 '61.

YAKUTIA—LARCH—DISEASES AND PESTS

Pests of Dahurian larch seeds in central Yakutia. E. S. Petrenko. Les. khoz. 14 no. 6:44-46 Je '61.

YAKUTIA—MINERALS

Some minerals in kimberlites and enclosing rocks of pipes in Yakutia. A. A. Menitailov, V. G. Ivanova. Izv. Sib. otd. AN SSSR Geol. i geofiz. no. 1.23-29 '58.

YAKUTIA—MOTOR VEHICLES—COLD WEATHER OPERATIONS

Experience in the operation of motor vehicles at low temperatures. IU. Gnyshev. Avt. transp. 39 no. 4:49 Ap '61.

YAKUTIA—NATURAL RESOURCES

Brief news: First conference on the conservation of nature in the Yakut A. S. S. R. A. M. Petrov. Okhr. prir. i zapov. delo v SSSR no. 6:125-131 '60.

YAKUTIA—NOMADS

Improving nomadic dwellings of the peoples of the North. L. I. Faiko. Sov. etn. no. 2:144-150 Mr-Ap '60.

YAKUTIA—REFORESTATION

Forest regeneration in southwestern Yakutia. B. V. Chugunov. Trudy Inst. biol. IAFAN SSSR no. 7:260-323 '61.

YAKUTIA—THAUMASITE

Thaumasite in kimberlites of Yakutia. G. I. Smirnov, A. D. Khar'kiv. Geol. i geofiz. no. 12:116-118 '60.

YAKUTIA—WATER VOLES

Population dynamics of the water vole in central Yakutia. N. G. Solomonov. Uch. zap. TGU no. 36 250-261 '60.

YAKUTIA—WOMEN—CONGRESSES

[Third Congress of the Women of Yakutia] III s"ezd zhenshchin IAkutii. IAkutsk, IAkutskoe knizhnoe izd-vo, 1960, 76 p.

YANA VALLEY (YAKUTIA)—FORESTS AND FORESTRY

Forests of the upper Yana Valley. L. K. Pozdniakov. Trudy Inst. biol. IAFAN SSSR no. 7:162-242 '61.

YANA VALLEY (YAKUTIA)—GEOLOGY, STRATIGRAPHIC

Stratigraphy and cryogenic features of Quarternary sediments in the Yana Valley. N. P. Kuprina, B. I. Vtiurin. Izv. AN SSSR, Ser. geol. 26 no. 5 76-87 My '61.

YANG-IUF DISTRICT—COLLECTIVE FARMS

This is white durra. G. Permenev. Urbekiston 18 no. 11-12 N '59.

YARDYMLY REGION—METEORITES

Cosmogenic isotopes in the Yardymly meteorite. L. K. Levskii. Geokhimiia no. 4 358 '61.

Shape, pitting, and nature of the molten crust of the Yardymly iron meteorite. M. A. Kashkai, V. I. Aliev. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk no. 5.3-18 '60.

Structure and composition of the Yardymly iron-meteorite shower. M. A. Kashkai, V. I. Aliev. Meteoritika no. 20 137-162 '61.

YARN

Changes occurring in the properties of yarn during the felting of coarse woolen cloth. A. I. Pavlov. Izv. vys. ucheb. zav., tekh. teks. prom. no. 2.3-9 '61.

YARN—TESTING

Relationship between the clamping length and strength of yarn. I. I. Feiman. Izv. vys. ucheb. zav.; tekh. teks. prom. no. 2.17-23 '61.

YAROSLAVL—ART

The art treasures of an old city ("Yaroslavl" by A. I. Suslov, S. S. Churakov. Reviewed by N. Voronov). Iskusstvo 24 no. 5 73-74 '61.

YAROSLAVL—CARBON BLACK

Packing of carbon black in screws with rolls. G. V. Pokrovskii. Kauch. i rez. 20 no. 4 54 Ap '61.

YAROSLAVL—CONSTRUCTION INDUSTRY

At a snail's pace. I. Chibisov. Mest. prom. i khud. promys. 2 no. 5:27 My '61.

YAROSLAVL—DISABILITY EVALUATION

This is what "return to work" means. I. Protopopova. Sots. obesp. 22 no. 5.27-29 My '61.

YAROSLAVL—HISTORY

"Yaroslavl, the socialist city, from October 1917 to 1959" by Z. V. Alekseeva and others. Reviewed by V. IA. Liakhov. Ist. SSSR 5 no. 2.189-190 Mr-Ap '61.

YAROSLAVL—HOUSING MANAGEMENT

Relying on the community. N. Temerov. Zhil.-kom. khoz. 11 no. 2 22-23 F '61.

YAROSLAVL—MANUSCRIPTS—CATALOGS

Luk'ianov, V. V. [A brief description of the manuscript collection in the Yaroslavl Province Local Lore Museum] Kratkoe opisanie kollektsii rukopisei IAroslavskogo oblastnogo kraevedcheskogo muzeia. IAroslavl', 1958. 286 p. (Yaroslavl', Oblastnoi kraevedcheskii muzei. Kraevedcheskie zapiski, no. 3)

YAROSLAVL—TECHNICAL SOCIETIES

Cooperating with scientific technological societies. A. Chekin. NTO 2 no. 5:25 My '60.

YAROSLAVL PROVINCE—COMMUNIST YOUTH LEAGUE

Kommunisticheskaia partiia Sovetskogo Soiuza. IAroslavskii oblastnoi komitet. Partiinyi arkhiv. [Documents from the history of the Yaroslavl Communist Youth League, 1918-1920] Dokumenty iz istorii iaroslavskogo komsomola, 1918-1920. [IAroslavl'] IAroslavskoe knizhnoe izd-vo, 1960. 390 p. (MH)

YAROSLAVL PROVINCE—SOCIALIST COMPETITION

In order to move toward the objective faster. B. Mironov. Sov. profsoiuzy 17 no. 10:6-8 My '61.

YAROSLAVL PROVINCE—WATER—COMPOSITION

Iodine content of water taken from different sources in some regions of Yaroslavl Province. V. A. Florinskii. Trudy Biogeokhim. lab. no. 11:124-127 '60.

YAROSLAVL PROVINCE—WATER SUPPLY, RURAL

Rubber water pipe on farms. A. Mitrofanov. Sel'. stroi. 16 no. 2:7 F '61.

YAROSLAVSKAYA DISTRICT—COMMUNIST YOUTH LEAGUE—MEMBERSHIP

In the ranks of the Lenin Communist Youth League. V. Chikalov. Komsom. zhizn' no. 5, 22-24 Mr '60.

YEAST

Causes of coproporphyrin accumulation in cultures of the yeast Candida guilliermondii [with summary in English] G. M. Shavlovskii, A. M. Bogatchuk. Biokhimiia 25 no. 6 1043-1048 N-D '60

Conditions of yeast reactivation following radiation injury [with summary in English]. T. S. Remezova, V. P. Tret'iakova. Zhur. ob. biol. 22 no. 2 120-127 Mr-Ap '61.

Detection of mitochondria in Endomyces magnusii using an objective with the central disk [with summary in English]. G. A. Medvedeva. Zhur. ob. biol. 22 no. 2 151-153 Mr-Ap '61.

Influence of free cysteine on an irradiated suspension of yeast cells. V. N. Benevolenskii. Tsitologiia 2 no. 2 170-174 Mr-Ap '60

Maximum consideration must be given to the production of fodder yeasts. Gidroliz. i lesokhim. prom. 14 no. 4. 1-2 '61.

On so-called lipophanerosis observable in irradiated cells [with summary in English]. V. M. Alekseeva. Zhur. ob. biol. 22 no. 2 140-149 Mr-Ap '61.

Use of branchy yeasts in the production of hydrolytic alcohol. T. N. Semushina, N. I. Vladimirova. Gidroliz. i lesokhim. prom. 14 no. 4:7-9 '61.

Vitamin composition of fodder yeasts. N. I. Korotchenko, A. A. Balkanova. Gidroliz. i lesokhim. prom. 14 no. 4 3-4 '61.

YEAST—RESEARCH see subdivision under Paris

YELKIN—RESTAURANTS, LUNCHROOMS, ETC.

In a close-knit group. N. Abramov. Sov. potreb. koop. 5 no. 5:12-14 My '61

YELLOWSTONE NATIONAL PARK—EARTHQUAKES

The night when mountains moved. Znan. ta pratsia no. 4:31 Ap '61.

YEL'NYA DISTRICT—CITY PLANNING

Planning in action. V. Kopyrin. Sel'. stroi. 15 no. 3:6 Mr '61

YENISEY VALLEY—ALLUVIUM

Lavrushin, IU. A. [Types of the Quaternary alluvium of the Lower Yenisey] Tipy chetvertichnogo alliuviia nizhnego Eniseia. Moskva, Izd-vo Akad. nauk SSSR, 1961. 93 p. (Akademiia nauk SSSR. Geologicheskii institut. Trudy, no. 47)

YENISEY VALLEY—GEOLOGY, STRUCTURAL

Geomorphological structure of the middle and lower Yenisey Valley. V. A. Zubakov. Mat. VSEGEI Chet. geol. i geomorf. no. 2 114-131 '59

YENISEY VALLEY—POTATOES

Characteristics of the growth and development of potatoes in the Yenisey Valley beyond the Arctic Circle. M. N. Goncharik. Sbor. nauch. rab. Bel. otd. VBO no. 1:12-24 '59.

YERGENI HILLS—AFFORESTATION

Akademiia nauk SSSR. Pochvennyi institut imeni V. V. Dokuchaeva. [Soil improvement and ecological conditions in the Yergeni Hills and the northwestern part of the Caspian Lowland] Pochvenno-meliorativnye i ekologicheskie usloviia Ergenei i severo-zapadnoi chasti Prikaspiiskoi nizmennosti. Moskva, 1961. 317 p. (DA)

YEVPATORIYA—HEALTH RESORTS, WATERING PLACES, ETC.

Fruits of group work. A. Kozlov. Okhr. truda i sots. strakh. 4 no. 5:15-17 My '61.

YEVPATORIYA—INDUSTRIAL HYGIENE

Fruits of group work. A. Kozlov. Okhr. truda i sots. strakh. 4 no. 5:15-17 My '61.

YEW

Yew. S. M. Stoiko. Nauka i zhyttia 11 no. 4:36-37 Ap '61.

YOUNG COMMUNIST LEAGUE see Communist Youth League

YOUTH

(see also subdivision under Africa; Asia; Mongolia)

Globus No. 4. Smena 36 no. 8:16-17 Ap '61.

How bourgeois propaganda invented the "spiritual crisis" of present-day youth. S. Rukhovich. Mol. komm. no. 5 102-109 My '61.

An international conference on "The resistance movement and the younger generation." V. I. Klokov. Ukr. ist. zhur. 4 no. 2 186-187 Mr-Ap '60.

Youth committees. D. Gusev, G. Larionchikov. Komsom. zhizn' no. 9:19-22 My '61.

YOUTH—BIBLIOGRAPHY see Bibliography—Youth

YOUTH—CONGRESSES

Toward the forum. Radzhesh Saran and others. Vsem. stud. nov. 15 no. 1 5, 11 Ja '61

World Youth Forum. Komsom. zhizn' no. 10 29-31 My '61

YOUTH—EXHIBITIONS

[Exhibition "Soviet Youth in the Struggle for Peace."] Vystavka "Sovetskaia molodezh' v bor'be za mir"; prospekt. [n. p.] 1951. 22 p

YOUTH MOVEMENT

Origination and development of the international movement of young workers. V. V. Privalov. Biul. SNO LGU no. 2 128-141 '59

YTTRIUM

Yttrium aeschynite from the Il'men Mountains. B. A. Makarochkin, P. M. Dar'kova, K. A. Gonibesova. Trudy Inst. min., geokhim. i kristallokhim. red. elem. no. 3 115-150 '59

YTTRIUM OXIDE

Preparation of thin layers of yttrium oxide by means of electrophoresis. IA. S. Savitskaia, L. D. Orlovskaia. Zhur. prikl. khim. 33 no. 10:2222-2225 O '60.

YUAN, SHIU-P'O, 1916-

The works of the Chinese poet Yüan Shiu-p'o. M. Ul'man. Pisat. stran. dem. no. 4:77-100 '60.

YUGOSLAV LITERATURE—HISTORY AND CRITICISM

Works presented for diplomas on the literature of Yugoslavia. N. Vagapova. Vest. Mosk. un-ta. Ser. 7. Filol., zhur. 16 no. 1:95-96 Ja-F '61

YUGOSLAVIA—BIBLIOGRAPHY

[New literature on Yugoslavia.] Nov. lit. po IUg. no. 3 '61.

YUGOSLAVIA—WORLD WAR, 1939-1945

"The Soviet Armed Forces in the struggle for the liberation of Yugoslav peoples." Reviewed by I. I. Leshchilovskaia. Krat. soob. Inst. slav. no. 31:141-143 '61.

YUN SE JUNG

In the fire of a trial ("Severe trials" by Yun Se Jung. Reviewed by V. Ivanova) Inostr. lit. no. 4 258-259 Ap '61.

YUZHNO-SAKHALINSK—LIFESAVING AT FIRES

Thank you, Sakhalin firemen! V. Boltak. Pozh. delo 7 no. 3:23 Mr '61.

ZABOLOTNYI, DANIIL KIRILLOVICH, 1867-1929

A meeting in Bombay. Pavel Bellin. Sov. Ukr. 11 no. 5: 123-128 My '61.

Sukharev, B. I. [Academician D. K. Zabolotnyi and his teaching on experimental syphilis] Akademik D. K. Zabolotnyi i ego uchenie ob eksperimental'nom sifilise. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo," 1960. 47 p. (Biblioteka vracha)

ZAGLADA, NADEZHDA GRIGOR'EVNA

Field of action. B. Rakhmanin. Novyi mir 37 no. 5:156-167 My '61

ZAGORSK—ORPHANS AND ORPHANAGES

Work is the best teacher. Pavel Il'iashenko. Det. dom 16 no. 4 59-64 '60.

ZAHUL, DMYTRO, 1890-

Dmytro Zahul. N. O. Tomashuk, L. M. Chornets', Rad. lit. 5 no. 3:99-111 My-Je '61.

ZAIGRAYEVO DISTRICT—MILK

Control over the carrying out of a plan for milk yield. D. B. TSyrenzhapov. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 6:21 Je '61.

ZAILIYSKIY ALA-TAU see Trans-Ili Ala-Tau

ZAK, IAKOV IZRAILEVICH, 1913-

Pianists. Mstislav Smirnov, D. Blagoi. Sov. muz. 25 no. 5:136-138 My '61.

ZAPOROZH'YE—ALUMINUM INDUSTRY

Aluminum instead of steel. V. Malysh. Izobr. i rats. no. 5:13 My '61.

ZAPOROZH'YE—ALUMINUM INDUSTRY—TECHNOLOGICAL INNOVATIONS

There is such a shop at the Dneprovskiy Aluminum Plant. P. Volin. Izobr. i rats. no. 5:29-31 My '61.

ZAPOROZH'YE—BAPTISTS

The light of inextinguishable fire. F. Kozlovs'kyi. Volov ateist no. 4:39-41 Ap '61.

ZAPOROZH'YE—DESCRIPTION

On Lenin Prospect. Mykola IAtko. Ukraina no. 7:10-11 Ap '60.

ZAPOROZH'YE—ELECTRIC TRANSFORMERS

To the cherished frontier. V. I. Ivov. Komsom. zhizn' no. 17:5-11 S '60.

ZAPOROZH'YE—HISTORICAL MUSEUMS

There is a museum in Khortitsa. I. Chernenko. Ukraina no. 10:7 My '61.

ZAPOROZH'YE—METALLURGICAL PLANTS

At the level of 1965. Metallurg 6 no. 6:19 Je '61.

ZAPOROZH'YE—NAUTICAL TRAINING SCHOOLS

Bon voyage! A. Karpusenko. Ukraina no. 8 16-17 Ap '60.

ZAPOROZH'YE—OIL INDUSTRIES—EQUIPMENT AND SUPPLIES

Work experience of a gas plant producing hydrogen and oxygen. V. L. Karpenko, N. P. Bloshchanenko, IU. I. Turbovets. Masl.-zhir. prom. 27 no. 5 37-39 My '61.

ZAPOROZH'YE—STEEL INDUSTRY

Methodology for converting planned wage fund when main workshops overfulfill the production plan. N. Kaminskii, E. Kofman. Biul. nauch. inform. trud i zar. plata 4 no. 5:49-51 '61.

ZAPOROZH'YE—WORKINGMEN'S CLUBS

Do we need such recreation leaders? I. Tykhonov, I. Striuk, Zh. Savina. Sots. kul't. 14 no. 5:30 My '61.

ZAPOROZH'YE—WORLD WAR, 1939-1945

Those who saved the Dnieper Hydroelectric Power Station. S. V. Hrynko. Ukr. ist. zhur. 5 no. 4, 130 My-Je '61.

ZAPOROZH'YE PROVINCE—HOME AND SCHOOL

Conference on theory and practice. V. Faustova. Dashk. vykh. 22 no. 6:47 Je '61

ZATULOVSKII, M.

Sonatas and transcriptions. D. Blagoi. Sov. muz. 25 no. 6:168 Je '61.

ZDOLBUNOV—CEMENT INDUSTRIES

Cement. Borys Sylin. Ukraina no. 11:22-24 Je '61.

ZELINSKII, NIKOLAI DMITRIEVICH, 1861-1953—BIBLIOGRAPHY see Bibliography—Zelinskii, Nikolai Dmitrievich, 1861-1953

ZEOLITES

Composition of elementary cells and the limit adsorption volumes of dehydrated synthetic zeolite crystals. M. M. Dubinin. Dokl. AN SSSR 138 no. 4 866-869 Je '61

ZERAVSHAN VALLEY—CARBONATES

Migration of carbonates ($CaCO_3$ and $MgCO_3$) in meadow and meadow-swamp soils of the Zeravshan Valley. D. M. Kuguchkov. Izv. AN Uz. SSR no. 10 11-19 '58

ZERAVSHAN VALLEY—EPHEDRA

Upper Zeravshan is a new area for the growth of Ephedra equisetina Bunge. IU. D. Soskov. Med. prom. 15 no. 3 20-23 Mr '61.

ZERAVSHAN VALLEY—NIGHTINGALES

Materials on the biology of nightingales of the Zeravshan Valley. A. K. Sagitov. Uzb. biol. zhur. no. 2:47-51 '61.

ZERAVSHAN VALLEY—PHEASANTS

Count of pheasants (Phasianus colchicus zerafschanicus Tarn.) at the Zeravshan wildlife preserve. L. K. Nestkov. Uzb. biol. zhur. no. 2:43-46 '61.

ZEYA DISTRICT—ARTHRITIS, RHEUMATOID

Biogeochemical province in Amur Province marked by the occurrence of the Urov disease. I. A. Samarina. Trudy Biogeokhim. lab. no. 11:164-167 '60.

ZHDANOV—BLAST FURNACES

New developments in research. A. A. Fofanov and others. Stal' 21 no. 5:402-403, 414 My '61

ZHDANOV—CONSTRUCTION INDUSTRY

Everything is in the power of our young people. L. Donets. Stroitel' no. 4 16b Ap '61.

ZHDANOV—METALLURGICAL RESEARCH

New developments in research. S. IA. Skoblo. Stal' 21 no. 5, 476 My '61.

ZHDANOV—METALWORK

New developments in research. S. IA. Skoblo. Stal' 21 no. 5:439-440 My '61.

ZHELEZNOVODSK—MINERAL WATERS

Influence of waters from the hot springs of Zheleznovodsk on bile secretion and bile pigment exchange. N. A. Tiulenev. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 1:41-46 '61.

ZHELIABOV, ANDREI IVANOVICH, 1851-1881

The image of A. Zheliabov in drawings by K. Makovskii. E. Gavrilova. Iskusstvo 24 no. 5:70-72 '61.

ZHIDACHOV—PAPERBOARD

Manufacture of linerboard. G. M. Bogomol. Bum. prom. 36 no. 5:11-14 My '61.

ZHILIN, ALEKSANDR NIKOLAEVICH, 1896-1961

In memory of A N Zhilin. Vest. TSNII MPS 20 no. 3:61 '61

ZHITOMIR PROVINCE—COMMUNITY CENTERS

We praise the queen of our fields IU. Kapovs'kyi. Sots kul't. 14 no 5 8-9 My '61.

ZHITOMIR PROVINCE—CORN (MAIZE)

Field of action. B. Raklumanin. Novyi mir 37 no. 5:156-157 My '61.

ZHIZDRA VALLEY—LANDFORMS

The Bryansk-Zhizdra "polesie." S G Liubushkina Vest Mosk un Ser 5 Geog 16 no. 3 69-71 My-Je '61

ZHUKOV, NIKOLAI NIKOLAEVICH, 1908-

Nikulina, O.R. Nikolai Nikolaevich Zhukov. Moskva, "Sovetskii khudozhnik," 1960. 122 p.

ZIMBABWE, MASHONALAND—ANTIQUITIES

Problem of the origin of the Zimbabwe culture [with summary in English]. L.A. Fadeev. Sov. etn. no. 2:71-91 Mr-Ap '60.

ZINC

Lead and zinc in cupriferous sandstones of Perm Province. IU. A. Nechaev. Geokhimiia no. 5:453-454 '61.

Pb and Zn in alkali rocks and some petrological problems [with summary in English]. B.I. Zlobin, M.S. Gurshkova. Geokhimiia no. 4:283-292 '61.

Zinciferous oligonite from Sherlovaya Gora, F.V. Chukhrov. Dokl AN SSSR 130 no. 2:429-430 My '61.

ZINC—ANALYSIS

Determination of the ultramicroimpurities of zinc, lead, and copper in high purity tin by amalgam polarography A. G. Stromberg and others. Zav. lab. 27 no. 5:517-521 '61.

Determination of the ultramicro amounts Pb, Cu, and Zn content of alkalies and acids with the aid of amalgam polarography on a stationary mercury drop S. I. Siniakova, I. V. Markova Zav. lab 27 no. 5:521-525 '61

Determining zinc in alloys by EDTA analysis. T. Lukina, V. Narchevskii. Poligr. proizv. no. 4:17 Ap '61

Preparing high-purity zinc and the method of its control. V.M. Amonenko, A.A. Kruglykh, I.I. Papirov. Fiz. met. i metalloved. 11 no. 1 633-635 Ap '61.

Volumetric determination of zinc in the presence of 2,6-dichlorophenol indiphenol. I. I. Orestov, L. D Vasil'chenko, L. A. Dudnichenko. Izv vys ucheb zav., khim i khim tekh. 4 no. 2, 319-320 '61

ZINC—ELECTROMETALLURGY

Automation of induction furnaces for melting cathode zinc G V. Korendiasev. Sbor. mat po avtom proizv prots i disp. no. 5 62-71 '60

Obtaining and testing high-purity zinc. K. IA. Brogman, N. P. Grudinkina. Izm. tekh. no. 5:23-24 My '61.

ZINC—METALLURGY

Experimental automation of roasting processes of zinc concentrates in a fluidized bed G. V. Korendiasev Sbor mat po avtom proizv prots. i disp no 5 52-61 '60

Kinetics of the simultaneous reduction of lead and zinc oxides by means of carbon oxide. IU. V Tkvatkov, D. M. Chizhikov. Trudy Inst. met. no. 4:84-88 '60.

Zonal refining of zinc and cadmium. B. N. Aleksandrov. Fiz. met. i metalloved. 11 no. 4:590-595 Ap '61.

ZINC CHLORIDE

Electric conductivity of the system poly(vinyl alcohol) - zinc chloride (cadmium chloride) - water N. G. Bardina, P. D Lukovtsev Zhur prikl khim. 33 no. 10 2234-2236 O '60

ZINC COMPOUNDS

Thermochemistry of zinc ethylenediamine complexes in aqueous solutions P M Miliukov. Izv. vys ucheb zav., khim. i khim tekh 4 no. 2 212-217 '61

ZINC FERRATE

Relation between the magnetic properties and the sensitivity of magnetostrictive receivers made of nickel-zinc ferrites. A. D. Sokolov, IA. S. Shur. Akust. zhur. 6 no. 1 131-133 '60

ZINC IN THE BODY

Copper, zinc and cadmium content of the organs of rabbits with malignant tumors V. I. Gorodyskii, I. V. Veselnia Vop med khim 6 no. 2 129-130 Mr-Ap '60.

ZINC INDUSTRY see subdivision under Ust'-Kamenogorsk

ZINC-MANGANESE-LITHIUM ALLOYS see Manganese-zinc-lithium alloys

ZINC ORES see subdivision under Poland

ZINC OXIDE

Kinetic determination of the energy of the bond between H, D, C, O and N, and zinc oxide [with summary in English]. A. A. Balandin, I. D. Rozkdestvenskaia. Zhur fiz khim 34 no. 4 872-879 Ap '60.

Mechanisms of the chemical adsorption and catalysis on solid solutions of zinc oxide G I Chizhikova, N P. Keier Probl kin i kat 10,77-81 '60

ZINC PLATING

Effect of the state of the cathode surface and of the nature of the electrolyte on the quality and properties of zinc coatings P F. Kaliuzhnaia Zhur. prikl khim. 33 no 10;2253-2260 O '60

Influence of manganese compounds on the electrodeposition of zinc in the presence of other impurities. R. S. Vakhidov, G. Z. Kir'iakov. Izv. AN Kazakh. SSR, Ser. khim no. 2, 50-60 '60.

Influence of manganese on the electrodeposition of zinc V. V. Stender, G. Z kir'iakov, R S. Vakhidov Zhur. prikl. khim 33 no. 10;2238-2245 O '60.

Thermodiffusive zincing of steel in a powdered medium. A. P. Buzdakov. Trudy AzNII DN no. 9, 311-319 '60.

ZINC SULFIDE

Effect of temperature on the electroluminescence of the ZnS-Mn phosphor sublimate. N. A Vlasenko. Opt. i spektr. 8 no. 3, 414-417 Mr '60.

ZINOVII, monk, d. 1568

Epistle written by Zinovii Otenskii to the clerk IA V. Shishkin A I Klibanov, V. I Koretskii Trudy ODRL 17 201-224 '61

ZIRCON

Investigating the metamictization of zircons by the use of infrared absorption spectra [with summary in English]. M. V. Akhmanova, L. L. Leonova. Geokhimiia no. 5:401-414 '61.

ZIRCONIUM

Geochemistry of hafnium zirconium, and some other hydrolyzate elements in clays [with summary in English]. A. B. Ronov, E. E. Vainshtein, A. M. Tuzova. Geokhimiia no 4:300-315 '61

Relation between the behavior of zirconium and hafnium and the petrochemical characteristics of magmatic and alkaline-metasomatic rocks [with summary in English]. I. D. Shevaleevskii, A. S. Pavlenko, E. E. Vainshtein. Geokhimiia no. 3:222-230 '60.

State of macroquantities of zirconium and hafnium in aqueous hydrochloric acid solutions. V M Kolikov. Zhur. prikl. khim. 34 no. 3 512-516 Mr '61.

ZIRCONIUM—ANALYSIS

Gravimetric determination of zirconium after its precipitation with cyclohexanol-1-carboxylic acid [with summary in English]. I. P. Alimarin, Shen' Khan'-si (Shên Han-hsi). Zhur. anal. khim. 16 no. 2 162-165 Mr-Ap '61.

Photometric determination of zirconium with xylenol orange [with summary in English]. V. F. Luk'ianov, E. M. Kniazeva. Zhur. anal khim. 16 no. 2:248-249 Mr-Ap '61.

ZIRCONIUM—ISOTOPES

Sorption of radioelements from solutions. Part 1: Sorption of Ag^{110}, P^{32}, and Zr^{95} on a fluorinated glass surface. I. E. Starik, N. G. Rozovskaia. Radiokhimiia 3 no. 2:144-149 '61.

ZIRCONIUM NITRATE

Effect of temperature on the extraction of uranyl, plutonyl, ruthenium, and zirconium nitrate with tributyl phosphate V B Shevchenko, I A. Fedorov Radiokhimiia 2 no 1:6-12 '60

ZIRCONIUM-TIN-TITANIUM ALLOYS see Titanium-tin-zirconium alloys

ZOLOTONOSHA DISTRICT—CRIME PREVENTION

New form of public participation in the prevention of pilfering and squandering D Skyba Rad pravo no. 2 91-92 Mr-Ap '60.

ZONE MELTING

Zonal refining of zinc and cadmium. B. N. Aleksandrov. Fiz. met. i metalloved. 11 no 4:588-595 Ap '61

ZONING, ECONOMIC see Economic zoning

ZOOGEOGRAPHY

Man changes the animal world. S. V. Kirikov. Priroda 50 no. 5:24-30 My '61.

ZOOLOGY see subdivision under Azerbaijan

ZOOLOGY, ECONOMIC

Natali, V. F. [The animal world and its importance for man] Zhivotnyi mir i ego znachenie dlia cheloveka. Moskva, Izd-vo "Znanie" Vses. ob-va po raspr. polit. i nauchn. znanii, 1961. 39 p. (Narodnyi universitet kul'tury; Estestvennonauchnyi fakul'tet, no. 3)

ZOOPLANKTON

Disappearance of zooplankton as a factor in the increase of the bacterial population in bodies of water. E. F Manuilova Nauch. dokl vys shkoly, biol nauki no 2, 19-22 '61.

ZOSHCHENKO, MIKHAIL MIKHAILOVICH, 1895-1958

Sven, Viktor. [Whose friend and whose enemy was Mikhail Zoshchenko?] Chei drug i chei vrag Mikhail Zoshchenko? Miunkhen, Izd. TsOPE, 1958. 62 p. (MII)

ZOTOVA, ALEKSANDRA IAKOVLEVNA, 1918-

This is the way Soviet people act. Z. A. Grinberg. Med. sestra 20 no. 3:47 Mr '61.

ZUBOV BAY

N. N. Zubov Bay, in memory of Professor N N Zubov. K K. Markov. Vest. Mosk un Ser. 5 Geog 16 no 3 60-61 My-Je '61

ZYMOSAN

Production of zymosan labled with C^{14}. N. L. Samoilina. Med. rad. 6 no. 3:80-81 '61.

Monthly Index *of* Russian Accessions

Volume 14, No. 6 September 1961

THE LIBRARY OF CONGRESS
WASHINGTON : 1961

INTRODUCTORY NOTE

The MONTHLY INDEX OF RUSSIAN ACCESSIONS[1] is a record of the publications in the Russian language issued in and outside the Soviet Union that are currently received by the Library of Congress and a group of cooperating libraries. Whenever possible, publications printed in other languages spoken in the Soviet Union are also included. However, publications in the languages of the U. S. S. R. issued in countries of Eastern Europe are not included, since they are covered by the *East European Accessions Index*.

The MONTHLY INDEX consists of three parts. Part A lists monographic literature, but no accessions published earlier than 1945 are included. To facilitate the use of this INDEX by readers who are not thoroughly familiar with the Russian language, the title in the original language in Part A is preceded by its English translation in brackets.

Part B lists Russian periodicals received, but excludes accessions printed earlier than 1947. Certain Soviet periodicals are being translated into English from cover to cover and published regularly in translation in the United States and other English-speaking countries. A list of such translated periodicals, their publishers, subscription prices, etc., is given at the end of each issue of the *Monthly Index*. In Part B such periodicals are indicated by an asterisk before the periodical title.

Part C provides subject analysis of the monographic titles listed in Part A and of the articles appearing in the periodicals enumerated in the *List of Periodicals Indexed and Abbreviations Used* at the beginning of Part C. The number and letter in parentheses following each abbreviation indicate the class and subclass in which the periodical appears in Part B. For the convenience of readers desiring to examine only monographs or periodical articles, the monographs are printed in slightly heavier type than the periodical articles. The titles of monographs are given both in the original language and in English translation, whereas titles of periodical articles are given in English translation only.

Sample title: Electric action of the brain in glaucoma. L.S.Levina, G.M.Neishtadt. Vest.oft. 30 no.5: 8–12 S–O '51.

Explanation: An article with title given above in English translation, written by L. S. Levina and G. M. Neishtadt, will be found in the September–October 1951 issue of *Vestnik oftalmologii*, vol. 30, no. 5, pages 8–12.

A cumulative list of periodicals included in the current volume appears in number 12 of that volume. This list is arranged by subject; the symbols of American libraries other than the Library of Congress, known to have files of such periodicals, follow each title.

Except in Part C, the material is divided into 17 subject classes and is arranged alphabetically within each class. In addition, for the convenience of the reader, the serials listed in Part B are divided within each subject class into several subclasses. All entries are transliterated according to the usual Library of Congress system except that ligatures are omitted. Unless otherwise indicated, all listed items are represented in the collections of the Library of Congress. Symbols representing other libraries indicate when items are available in those libraries. Curves ( ) around a symbol indicate that at the time of receipt the material was available in another library but not in the Library of Congress.

Cumulative author, subject, and periodical location indexes to the first four volumes of the MONTHLY INDEX are available as separate publications. Beginning with Volume 5, an author and a periodical location index for the entire volume are furnished as issues of the following volume.

ies of the listed items that are in the collections of the Photoduplication Service, Library of Congress, Wash-

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card, 48–46562

[1] title *Monthly List of Russian Accessions.*

SYMBOLS OF LIBRARIES REPORTING RECEIPT OF PUBLICATIONS

AAP	Auburn University, Auburn, Ala.
AMAU	Air University Library, Maxwell Air Force Base, Montgomery, Ala.
AU	University of Alabama, University
AzU	University of Arizona, Tucson
C	California State Library, Sacramento
CCH	Honnold Library, Claremont, Calif.
CCP	Pomona College, Claremont, Calif.
CFS	Fresno State College, Fresno, Calif.
CL	Los Angeles Public Library
CLCM	Los Angeles County Museum Library, Los Angeles
CLL	Los Angeles County Law Library, Los Angeles
CLSU	University of Southern California, Los Angeles
CLU	University of California at Los Angeles
CPT	California Institute of Technology, Pasadena
CSf	San Francisco Public Library
CSfA	California Academy of Sciences, San Francisco
CSt	Stanford College Libraries, Stanford, Calif.
CSt-H	— The Hoover Institution on War, Revolution, and Peace
CStmoR	Rand Corporation, Santa Monica, Calif.
CU	University of California, Berkeley
CU-A	— University of California, Davis
CU-B	— Bancroft Library, Berkeley
CU-M	— Medical Center, San Francisco
CU-Riv	— College of Arts, Letters and Science, Riverside
CU-S	— Scripps Institution of Oceanography, La Jolla
CaAEU	University of Alberta, Edmonton, Canada
CaBVa	Vancouver Public Library, Vancouver, Canada
CaBVaU	University of British Columbia, Vancouver, Canada
CaBViPA	Provincial Archives, Victoria, Canada
CaMWM	Manitoba Medical College, Winnipeg, Canada
CaOKQ	Queen's University, Kingston, Canada
CaOLU	University of Western Ontario, London, Canada
CaOOG	Geological Survey of Canada, Ottawa, Canada
CaOOGB	Geographical Bureau Library, Ottawa, Canada
CaOON	National Research Council, Ottawa, Canada
CaOOS	Dominion Bureau of Statistics, Ottawa, Canada
CaOOU	University of Ottawa, Ottawa, Canada
CaOTR	Royal Canadian Institute, Toronto. (Collection included with CaOTU)
CaOTU	University of Toronto, Toronto, Canada
CaQMAI	Arctic Institute of North America, Montreal, Canada
CaQMM	McGill University, Montreal, Canada
CaQMMM	— Medical Library
CoBBS	U. S. National Bureau of Standards, Boulder Laboratories, Colorado
CoU	University of Colorado, Boulder
CtHT	Trinity College, Hartford, Conn.
CtW	Wesleyan University, Middletown, Conn.
CtY	Yale University, New Haven
CtY-L	— Law Library
CtY-M	— Medical School Library
DA	U. S. Department of Agriculture Library
DAIA	American Institute of Architects Library, Washington, D. C.
DBC	U. S. Bureau of the Census Library
DBS	U. S. Bureau of Standards Library
DC	U. S. Department of Commerce Library
DCU	Catholic University of America Library, Washington, D. C.
DDC	Dominican House of Studies, Immaculate Conception Convent Library, Washington, D. C.
DDO	Dumbarton Oaks Research Library of Harvard University, Washington, D. C.
DFR	Board of Governors of the Federal Reserve System
DI	U. S. Department of the Interior Library
DI-GS	— Geological Survey Library
DN	U. S. Department of the Navy Library
DN-HO	— Hydrographic Office Library
DN-RL	Naval Research Laboratory Library, Anacostia Station, Washington, D. C.
DNIH	National Institutes of Health Library, Bethesda, Md.
DNLM	U. S. National Library of Medicine
DNW	U. S. National War College Library, Fort McNair
DP	U. S. Patent Office Library
DS	U. S. Department of State Library
DSI	Smithsonian Institution Library, Washington, D. C.
DWB	U. S. Weather Bureau Library
DeU	University of Delaware, Newark
FMU	University of Miami, Coral Gables, Fla.
FTaSU	Florida State University, Tallahassee
FU	University of Florida, Gainesville
GAT	Georgia Institute of Technology, Atlanta
GEU	Emory University, Atlanta
GU	University of Georgia, Athens
ICA	Art Institute of Chicago, Chicago
ICF	Chicago Natural History Museum, Chicago
ICJ	John Crerar Library, Chicago
ICMILC	Midwest Inter-Library Center, Chicago
ICN	Newberry Library, Chicago
ICU	University of Chicago, Chicago
ICU-Y	Yerkes Observatory, Williams Bay, Wis.
ICarbS	Southern Illinois University, Carbondale
IEN	Northwestern University, Evanston, Ill.
IHi	Illinois State Historical Library, Springfield
IU	University of Illinois, Urbana
IaAS	Iowa State University of Science and Technology, Ames
IaU	State University of Iowa, Iowa City
IdNTS	National Reactor Testing Station, Technical Library, Phillips Petroleum Company, Idaho Falls, Idaho
In	Indiana State Library, Indianapolis
InIA	Indiana Academy of Science Library, Indianapolis
InLP	Purdue University, Lafayette, Ind.
InNd	University of Notre Dame, Notre Dame, Ind.
InU	Indiana University, Bloomington
KAS	St. Benedict's College, Atchison, Kan.
KU	University of Kansas, Lawrence
KU-M	— Medical Center Library, Kansas City
KyU	University of Kentucky, Lexington
LNHT	Howard-Tilton Memorial Library of Tulane University, New Orleans, La.
LU	Louisiana State University, Baton Rouge
MA	Amherst College, Amherst, Mass.
MB	Boston Public Library
MBU	Boston Uni
MBdAF	
MCM	
MH	
MH-A	
MH-A	
MH-C	
MH-H	
MH-H	
MH-C	
MH-H	
MH-H	
MH-H	
MH-H	
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MH-H	
MH-H	
MH-S	
MH-Z	
MNS	
MWe	

MWhB	Marine Biological Laboratory, Woods Hole, Mass.
MdBJ	Johns Hopkins University, Baltimore
MdBWA	Walters Art Gallery, Baltimore
MeB	Bowdoin College, Brunswick, Maine
MeWC	Colby College, Waterville, Maine
MiD	Detroit Public Library
MiDA	Detroit Institute of Arts
MiDW	Wayne State University, Detroit
MiEM	Michigan State University, East Lansing
MiU	University of Michigan, Ann Arbor
MiU-C	— William L. Clements Library
MiU-L	— Law Library
MnU	University of Minnesota, Minneapolis
MnU-B	— Bio-Medical Library
MnU-L	— Law Library
MoKL	Linda Hall Library, Kansas City
MoRM	University of Missouri School of Mines and Metallurgy, Rolla
MoS	St. Louis Public Library
MoSU	St. Louis University, St. Louis
MoSW	Washington University, St. Louis
MoU	University of Missouri, Columbia
MsSM	Mississippi State University, State College
MsU	University of Mississippi, Oxford
MtBC	Montana State College, Bozeman
MtU	Montana State University, Missoula
N	New York State Library, Albany
NB	Brooklyn Public Library
NBC	Brooklyn College, Brooklyn
NBM	Medical Society of the County of Kings and Academy of Medicine of Brooklyn Library, Brooklyn
NBSU–M	State University of New York, College of Medicine Downstate Medical Center Library, Brooklyn
NCorniC	Corning Glass Works Library, Corning, N. Y.
NIC	Cornell University, Ithaca, N. Y.
NIC–A	— State Colleges of Agriculture and Home Economics
NN	New York Public Library
NNC	Columbia University, New York
NNC–L	— Law Library
NNC–M	— Medical Library
NNC–T	— Teachers College Library
NNE	Engineering Societies Library, New York
NNF	Fordham University, New York
NNIS	Library for Intercultural Studies, New York
NNJ	Jewish Theological Seminary of America, New York
NNM	American Museum of Natural History, [illegible]
NjMuB	Bell Telephone Laboratories, Murray Hill, N. J.
NjN	Newark Public Library, Newark, N. J.
NjP	Princeton University, Princeton, N. J.
NjR	Rutgers University, New Brunswick, N. J.
OCH	Hebrew Union College, Cincinnati
OCU	University of Cincinnati, Cincinnati
OCl	Cleveland Public Library
OClBHS	Benedictine High School, Cleveland
OClJC	John Carroll University, Cleveland
OClM	Cleveland Medical Library
OClMA	Cleveland Museum of Art
OClW	Western Reserve University, Cleveland
OCoB	Battelle Memorial Institute, Columbus
OO	Oberlin College, Oberlin, Ohio
OOxM	Miami University, Oxford, Ohio
OSte	Carnegie Library, Steubenville, Ohio
OU	Ohio State University, Columbus
OkS	Oklahoma State University, Stillwater
OkU	University of Oklahoma, Norman
OrCS	Oregon State College, Corvallis
OrPR	Reed College, Portland, Ore.
OrU	University of Oregon, Eugene
P	Pennsylvania State Library, Harrisburg
PBL	Lehigh University, Bethlehem, Pa.
PBm	Bryn Mawr College, Bryn Mawr, Pa.
PHC	Haverford College, Haverford, Pa.
PLF	Franklin and Marshall College, Lancaster, Pa.
PP	Free Library of Philadelphia
PPAN	Academy of Natural Sciences, Philadelphia
PPAmP	American Philosophical Society, Philadelphia
PPC	College of Physicians of Philadelphia
PPDrop	Dropsie College for Hebrew and Cognate Learning, Philadelphia
PPPM	Philadelphia Museum of Art
PPT	Temple University, Philadelphia
PPWI	Wistar Institute of Anatomy and Biology, Philadelphia
PPiCI	Carnegie Institute of Technology, Pittsburgh
PPiU	University of Pittsburgh, Pittsburgh
PRosC	Rosemont College, Rosemont, Pa.
PSC	Swarthmore College, Swarthmore, Pa.
PSt	Pennsylvania State University, University Park
PU	University of Pennsylvania, Philadelphia
PU–BZ	— Botany-Zoology Library
PU–El	— Moore School of Electrical Engineering Library
PU–FA	— School of Fine Arts Library
PU–Math	— Mathematics-Physics Library
PU–Mu	— University Museum Library
PU–Penn	— Penniman Library of Education
PU–Sc	— Towne Scientific School Library
RPB	Brown University, Providence, R. I.
TNJ	Joint University Libraries (Vanderbilt University, George Peabody College for Teachers, and Scarritt College), Nashville, Tenn.
TONS	Oak Ridge Institute of Nuclear Studies, Oak Ridge, Tenn.
TU	University of Tennessee, Knoxville
TxCM	Agricultural and Mechanical College of Texas, College Station
TxDaM	Southern Methodist University, Dallas
TxHR	Rice Institute, Houston
TxLT	Texas Technological College, Lubbock
TxU	University of Texas, Austin
ULA	Utah State Agricultural College, Logan
ViBlbV	Virginia Polytechnic Institute, Blacksburg
ViU	University of Virginia, Charlottesville
ViU–L	— Law Library
ViW	College of William and Mary, Williamsburg
VtMiM	Middlebury College, Middlebury, Vt.
VtU	University of Vermont and State Agricultural College, Burlington
WHi	State Historical Society of Wisconsin, Madison
WU	University of Wisconsin, Madison
WaU	University of Washington, Seattle
WvU	West Virginia University, Morgantown

MONTHLY INDEX OF RUSSIAN ACCESSIONS

LIBRARY OF CONGRESS—PROCESSING DEPARTMENT

VOLUME 14, NO. 6 SEPTEMBER 1961

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1. GENERAL

[LOOK IN THE ENCYCLOPEDIA, facts about the German Democratic Republic] Zagliani v entsiklopediiu; fakty o Germanskoi Demokraticheskoi Respublike. Berlin, Ob-vo kul'turnoi svlazi s zagranitsei [1960] 96 p.

NEGIN, M. [United Nations Educational, Scientific and Cultural Organization (UNESCO)] Organizatsiia Ob"edinennykh Natsii po voprosam prosveshchenila, nauki i kul'tury (IUNESKO). Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1959. 106 p.

[SOVIET UKRAINIAN ENCYCLOPEDIA] Ukrains'ka Radians'ka Entsyklopedila. Holovna red. kolegila M. P. Bazhan i dr. Kyiv, Holovna red. Ukrains'koi radians'koi entsyklopedii.
Vol. 4. Dante - Eshelon. [1961] 560 p.

2. BIBLIOGRAPHY

AKADEMIIA NAUK KIRGIZSKOI SSR, Frunze. TSentral'naia nauchnaia biblioteka. [Bibliography of the publications of the Academy of Sciences of the Kirghiz S.S.R, 1957-1959] Bibliografiia izdanlia Akademii nauk Kirgizskoi SSR, 1957-1959 gg. Sost. L. M. Ermian i M. M Gerasimova. Frunze, 1961. 145 p.

BERDICHEVSKAIA, TS. M. [Subject indexes to the classed catalogs of research libraries] Predmetnye ukazateli k sistematicheskim katalogam nauchnykh bibliotek. Moskva, Izd-vo Vses. knizhnoi palaty, 1961. 90 p.

BEREZIN, B. I. [Printing materials, textbook] Poligraficheskie materialy; uchebnik. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 560 p.

[BOOKSTORES IN MOSCOW; a reference book for customers] Knizhnye magaziny Moskvy; spravochnik dlia pokupatelei. Moskva, Izd-vo Vses. knizhnoi palaty, 1961. 181 p.

IZRAILEVICH, G. B. [How can defects in printing be eliminated?] Kak ustranit' nedostatki pri tipografskom pechatanii? Moskva, Gos. izd-vo "Iskusstvo," 1960. 74 p.

[MAIN ASPECTS OF PRINTING; a collection of translations] Osobye vidy pechatnykh rabot; sbornik perevodov. Moskva, Izd-vo inostr. lit-ry, 1960. 175 p. (Poligrafiia za rubezhom)

3. PHILOSOPHY & RELIGION

ARTILAKVA, A. K. [Children's temperament. Temperament rebenka. Batumi, Gos. izd-vo] 1960. 132 p. [In Georgian.]

[ATHEIST'S MANUAL] Sputnik ateista. Izd. 2., ispr. i dop. Moskva, Gos. izd-vo polit. lit-ry, 1961. 526 p. illus.

BARTIKIAN, R. M. [Sources for studying the history of the Paulician movement] Istochniki dlia izucheniia istorii pavlikianskogo dvizheniia. Erevan, Izd-vo AN Armianskoi SSR, 1961. 216 p.

EGOROV, A. G. [The reactionary character of modern bourgeois aesthetics] O reaktsionnoi sushchnosti sovremennoi burzhuaznoi estetiki. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 306 p.

[FREE RELIGIOUS THOUGHT] Svobodnaia religioznaia mysl'; sbornik pod red. N. Popovicha. [Malpú 332, Formosa, Argentina] 1960. 60 p.

IL'INYKH, N. I. [The black deeds of Orenburg Province sectarians] Chernye dela Orenburgskikh sektantov. [Orenburg] Orenburgskoe knizhnoe izd-vo, 1960. 31 p.

KIEV. DERZHAVNYI ZAPOVIDNYK-MUZEI "KYIEVO-PECHERS'KA LAVRA." [A guide] Putevoditel'. Kiev, Gos. izd-vo polit. lit-ry USSR, 1961. 159 p.

LENIN, V. I. [Complete collected works] Polnoe sobranie sochinenii. Izd. 5. Moskva, Gos. izd-vo polit. lit-ry.
Vol. 18. [Materialism and empiriocriticism] Materializm i empiriokrititsizm. 1961. 525 p.

LITVINENKO, N. S., comp. [Their "pious" deeds] Dela "bogougodnye." Alma-Ata, Kazakhskoe gos. izd-vo 1960. 146 p.

LOZINSKII, S. G. [History of the Papacy] Istoriia papstva. Moskva, Izd-vo Akad. nauk SSSR, 1961. 590 p.

MOSKALENKO, A. T. [Jehovah's Witnesses and their reactionary character] Sekta legovistov i ee reaktsionnaia sushchnost'. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 76 p.

NARSKII, I. S. [Present-day positivism; a critical account] Sovremennyi pozitivizm; kriticheskii ocherk. Moskva, Izd-vo Akad. nauk SSSR, 1961. 421 p.

NEKEMCHUK, A. E. [False bottom ("Jehovah's Witnesses"), a documentary account] Dvoinoe dno ("Svideteli Iegovy"); dokumental'naia povest'. Moskva, Gos. izd-vo polit. lit-ry, 1959. 43 p.

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. [Readings in Marxist ethics] Marksistskaia etika; khrestomatiia. Obshchaia red. i vstup. stat'ia A. F. Shishkina. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1961. 150 p.

RUSSIA (1923- U. S. S. R.) Upravlenie prepodavaniia obshchestvennykh nauk. [Recommended subjects for text and term papers on dialectical and historical materialism] Primernaia tematika kontrol'nykh i kursovykh rabot po dialekticheskomu i istoricheskomu materializmu; dlia zaochnykh vysshikh uchebnykh zavedenii i zaochnykh otdelenii vyzov. Moskva, Gos. izd-vo polit. lit-ry, 1961. 63 p.

SUKHOV, A. D. [Social and gnosiological sources of religion] Sotsial'nye i gnoseologicheskie korni religii. Moskva, Izd-vo Akad. nauk SSSR, 1961. 138 p.

VARAVKA, V. V., and MESHAVKIN, S. F. [Truth about sectarians] Pravda o sektantakh. [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1960. 61 p.

ZAKHIDOV, V. IU. [Alisher Nawa'i's world of ideas and images] Mir idei i obrazov Alishera Navoi. Tashkent, Gos. izd-vo khudozh. lit-ry UzSSR, 1961. 374 p.

4. HISTORY

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Institut istorii. [History of Azerbaijan in three volumes] Istoriia Azerbaidzhana v trekh tomakh. Pod red. I. A. Guseinova i dr. Baku, 1960. 952 p.

AKADEMIIA NAUK KIRGIZSKOI SSR, Frunze. Institut istorii. [Museum of History; reference-guidebook] Istoricheskii muzei; spravochnik-putevoditel'. Frunze, 1960. 170 p.

AKADEMIIA NAUK SSSR. Institut istorii. [Great Patriot War of the Soviet Union, 1941-1945, a bibliography of Soviet historical literature published from 1946 to 1959] Velikaia Otechestvennaia voina Sovetskogo Soiuza, 1941-1945 gg., bibliografiia sovetskoi istoricheskoi literatury za 1946-1959 gg. Sost. G. A. Kumanev. Moskva, 1960. 136 p.

AKADEMIIA NAUK SSSR. Institut istorii. [U. S. S. R. during the Great Patriotic War, 1941-1945; a bibliography of dissertations and abstracts] SSSR v period Velikoi Otechestvennoi voiny, 1941-1945 gg.; ukazatel' dissertatsii i avtoreferatov. Moskva, 1961. 11 p.

AKADEMIIA NAUK SSSR. Institut narodov Azii. [New history of India] Novaia istoriia Indii. Moskva, Izd-vo vostochnoi lit-ry, 1961. 633 p.

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Institut obshchego i politekhnicheskogo obrazovaniia. [Studying the history of the U. S. S. R. in the 9th grade] Izuchenie istorii SSSR v IX klasse Pod red. A. I. Moloka. Moskva
Pt. 2. 1961. 261 p.

ALATRI, PAOLO. [The origin of fascism. Translated from the Italian. Preface by Roberto Battaglia] Proiskhozhdenie fashizma. Moskva, Izd-vo inostr. lit-ry, 1961. 460 p.

ATAMUKAS, S. A. [How the Communist Party of Lithuania struggled for the Soviet regime, from 1935 to 1940] Kompartiia Litvy v bor'be za Sovetskuiu vlast', 1935-1940 gg. Moskva, Gos. izd-vo polit. lit-ry, 1961. 262 p.

BAZHEEV, D. G. [The Communist Party as the organizer and inspirer of the guerrilla movement in Buryat-Mongolia] Kommunisticheskaia partiia - organizator i vdokhnovitel' partizanskoi bor'by v Buriatii. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1960. 173 p.

[BEARERS OF ORDERS OF GLORY; sketches] Kavalery ordenov slavy, ocherki. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 181 p.

BELIAVSKII, A. M. [American imperialism on the Pyrenean Peninsula] Amerikanskii imperializm na Pireneiskom poluostrove. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 401 p.

BESTUZHEV, N. A. [Contribution to the history of the Russian Navy] Opyt istorii rossiskogo flota. Podgotovili k izdaniiu I. A. Livshits i G. E. Pavlova. Nauchn. red. S. B. Okun'. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 169 p.

BIRIUZOV, S. S. [When cannons thundered] Kogda gremeli pushki. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 278 p. (Voennye memuary)

BUTKEVICH, A. V., V. N. GAN'SHIN, and L. S. KHRENOV. [Time and the calendar] Vremia i kalendar'. Pod obshchei red. L. S. Khronova. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 117 p.

CHEREPANOV, A. I. [First battles of the Red Army] Pervye boi Krasnoi Armii. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 86 p. (Geroicheskoe proshloe nashei Rodiny)

CHUVIKOV, P. A. [Ideology and foreign policy] Ideologiia i vneshniaia politika. Moskva, Izd-vo "Znanie," 1961. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 7, Mezhdunarodnaia, no. 11)

DIMITROV, GEORGI. [The Leipzig Trial; speeches, letters, and documents] Leipsigskii protsess; rechi, pis'ma i dokumenty. Moskva, Gos. izd-vo polit. lit-ry, 1961. 487 p.

GUBER, A. A. [Philippine Republic of 1898 and American imperialism] Filippinskaia respublika 1898 goda i amerikanskii imperializm. Izd. 2, ispr. i dop. Moskva, Izd-vo vostochnoi lit-ry, 1961. 382 p.

[HISTORY OF THE MOLDAVIAN SSR] Istoriia RSS Moldovenesht'. Kishinev, Editura de Stat "Karlia moldovenjaske."
Pts. 1-2. [Textbook for grades 8 and 9 of the secondary school] Materiali azhutetoi klasele 8-9. 1960. 146 p. [In Moldavian.]

KAROI, LASLO. [Great Britain and the Locarno Conference] Velikobritaniia i Lokarno. Moskva, Izd-vo in-ta mezhdunarodnykh otnoshenii, 1961. 144 p.

KARYMSHAKOVA, G. [Formation and development of culture in Soviet Kirghizistan, 1918-1929] Stanovlenie i razvitie kul'tury Sovetskoi Kirgizii, 1918-1929 gg. Frunze, Kirgizskoe gos. izd-vo, 1960. 34 p.

KEMP-ASHRAF, P. M. [Role of Africans in the English democratic movement of the early 19th century. Translated from the English. Preface by V. F. Semenov] Afrikantsy v demokraticheskom dvizhenii Anglii nachala XIX veka. Moskva, 1960. 561 p.

KHAZANOV, A. M. [The Somali Republic, a historical study] Somaliiskaia respublika; istoricheskii ocherk. Moskva, Izd-vo vostochnoi lit-ry, 1961. 146 p.

KONONOV, A. N. [Some problems concerning the development of Oriental studies in Russia] Nekotorye voprosy izucheniia istorii otechestvennogo vostokovedeniia. Moskva, Izd-vo vostochnoi lit-ry, 1960. 31 p.

KUZIN, A. A. [Motion-picture, photographic, and sound-recording archives, a textbook] Kino-foto-fonoarkhivy, uchebnoe posobie. Pod red. K. G. Mitiaeva. Moskva, Mosk. gos. istoriko-arkhiv. in-t, 1960. 263 p.

LEMIN, I. M. [International relations during the new phase of the general crisis of capitalism] Mezhdunarodnye otnosheniia na novom etape obshchego krizisa kapitalizma. Moskva, Izd-vo "Znanie," 1961. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 7, Mezhdunarodnaia, no. 12)

LENIN, V. I. [Complete collected works] Polnoe sobranie sochinenii. Izd. 5. Moskva, Gos. izd-vo polit. lit-ry.
Vol. 19. [June 1909-October 1910] Iiun' 1909-oktiabr' 1910. 1961. 627 p.

LENIN, V. I., and A. M. GOR'KII. [Letters, reminiscences, and documents] Pis'ma, vospominaniia, dokumenty. Izd. 2., dop. Moskva, Izd-vo Akad. nauk SSSR, 1961. 470 p.

LOS', F. IE., ed. [Readings in the history of the Ukrainian S. S. R., a textbook for teachers] Khrestomatiia z istorii Ukrains'koi RSR; posibnyk dlia vchiteliv. Uporiadkuvaly IA. Dashkevych i dr. Kyiv, Derzh. uchbovo-pedagog. vyd-vo "Radians'ka shkola."
Vol. 2. 1861-1917. 1961. 641 p.

MASLENNIKOV, V. A. [Present-day Mongolia] Sovremennaia Mongoliia. Moskva, Gos. izd-vo polit. lit-ry, 1961. 77 p.

MELIKISHVILI, G. A. [Urartu population of the northern provinces of Nairi and its role in the history of the ancient East] Naselenie severnykh chastei Nairi-Urartu i ego rol' v drevnevostochnoi istorii. Moskva, *Izd-vo vostochnoi lit-ry, 1960.* 17 p.

MIROSHNIKOV, I. IA. [Viktor Obnorskii, an outstanding worker-revolutionary] Viktor Obnorskii - vydaiushchiisia rabochii-revoliutsioner. Moskva, Izd-vo *sotsial'no-ekon. lit-ry, 1960.* 103 p.

MIRZA DZHAMAL DZHEVANSHIR KARABAGSKII. [The history of Karabakh] *Istoriia Karabaga.* Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR. 1959. 138, 62 p. [Texts in Azerbaijani and Russian.]

MOHAMMAD, KAZEM. [Nādir-Shāh's campaign against India; excerpts from Ta'rīkh-i ʿālamārā-ī-Nādirī] Pokhod Nādir-shākha v Indiiu; izvlechenie iz Ta'rīkh-i ʿālamāra-ii nādirī. Moskva, Izd-vo vostochnoi lit-ry 1961. 205 p. (Pamiatniki literatury narodov Vostoka: Perevody, no. 1)

MOSCOW. INSTITUT MARKSIZMA-LENINIZMA. [History of the civil war in the U. S. S. R., a collection of documents and materials in three volumes, 1918-1922] Iz istorii grazhdanskoi voiny v SSSR; sbornik dokumentov i materialov v trekh tomakh, 1918-1922. Moskva, Izd-vo "*Sovetskaia Rossiia.*"
Vol. 1. [May 1918 - March 1919] Mai 1918-mart 1919. 1960. 880 p.

MOSCOW. INSTITUT MARKSIZMA-LENINIZMA. [History of the Great Patriotic War of the Soviet Union, 1941-1945; in six volumes] Istoriia Velikoi Otechestvennoi voiny Sovetskogo Soiuza, 1941-1945, v shesti tomakh. Red. kommissiia Pospelov, P. N. i dr. Moskva, Voen. izd-vo M-va obor. SSSR.
Vol. 2. [Repulse by the Soviet people of fascist Germany's perfidious attack on the U. S. S. R. Creating the conditions for a turning point in the war, June 1941 to November 1942] Otrazhenie sovetskim narodom verolomnogo *napadeniia fashistskoi Germanii na SSSR.* Sozdanie uslovii dlia korennogo pereloma v voine, iiun' 1941 g. -noiabr' 1942 g. 1961. 681 p.

MOSCOW. INSTITUT MEZHDUNARODNYKH OTNOSHENII. [Forty years of the people's Mongolia] 40 let Narodnoi Mongolii. Moskva, Izd-vo IMO, 1961. 165 p.

MOSCOW. INSTITUT MEZHDUNARODNYKH OTNOSHENII. [History of the international relations and foreign policy of the U. S. S. R., 1917-1939] Istoriia mezhdunarodnykh otnoshenii i vneshnei politiki SSSR, 1917-1939 gg. Pod red. V. G. Trukhanovskogo. Moskva, Izd-vo IMO.
Vol. 1. 1961. 718 p.

NEKRICH, A. M. [The war they called "phony."] Voina, kotoruiu nazvali "strannoi." Moskva, Izd-vo Akad. nauk SSSR, 1961. 158 p. (Nauchno-populiarnaia serila)

NERSISIAN, M. G. [History of Russo-Armenian relations] Iz istorii russko-armianskikh otnoshenii. Erevan, Izd-vo AN Armianskoi SSR.
Book 2. 1961. 461 p.

NIFONTOV, A. S., and E. V. ZLATOUSTOVSKII, eds. [The peasant movement in Russia from 1861 to 1869, collected documents] Krest'ianskoe dvizhenie v Rossii v 1861-1869 gg., sbornik dokumentov. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 961 p. (Krest'ianskoe dvizhenie v Rossii v XIX-nachale XX veka)

OSHEVEROV, G. M. [Fidel Castro] Fidel' Kastro. Moskva, Gos. izd-vo polit. lit-ry, 1961. 39 p.

PARSAMIAN, V. A. [Armenia in the first half of the 19th century. Armenia v pervoi polovine XIX veka. Erevan, Izd-vo Erevanskogo univ., in Armenian].
No. 7. [1960] 232 p.

PETROV, K. I. [Feudal relations among the Kirghiz from the 15th to 18th century] Ocherki feodal'nykh otnoshenii u kirgizov v XV-XVIII vv. Frunze, Izd-vo AN *Kirgizskoi SSR, 1961.* 172 p.

RUSSIA (1923- U. S. S. R.) Ministerstvo inostrannykh del. [Documents of Soviet foreign policy] Dokumenty vneshnei politiki SSSR. Moskva, Gos. izd-vo polit. lit-ry
Vol. 5. [January 1, 1922 - November 19, 1922] 1 ianvaria 1922 g. -19 noiabria 1922 g. 1961. *800 p.*

[SAKHALIN PROVINCE; collection of articles] Sakhalinskaia oblast'; sbornik statei. Iuzhno-Sakhalinsk, Sakhalinskoe knizhnoe izd-vo, 1960. 307 p.

SELIMKHANOV, I. R. [Historical, chemical and analytic investigation of ancient copper-alloy objects; based on materials of the Eneolithic of Azerbaijan] Istoriko-khimicheskie i analiticheskie issledovaniia drevnikh predmetov iz mednykh splavov; na materiale eneolita Azerbaidzhana. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1960. 179 p.

SHELAMOV, V. T. Kromy. [Orel] Orlovskoe knizhnoe izd-vo, 1960. 65 p.

SHESTAKOV, S. V. [Bolsheviks at the head of the labor movement in Russia during the years of the First World War, 1914 - February 1917] Bol'sheviki vo glave rabochego dvizhenia Rossii v gody pervoi mirovoi voiny, 1914-g. - fevral' 1917 g. Moskva, Gos. *izd-vo "Vysshaia shkola," 1961.* 150 p.

SKAZKIN, S. D. [History - a fascinating science] Istoriia - uvlekatel'naia nauka. Moskva, Izd-vo "Znanie" Vses. ob-va po rasprostraneniiu polit. i nauchn. znanii, 1961. 63 p. illus. (Narodnyi universitet)

[SOLDIERS OF PEACE AND TRUTH] Soldaty mira i pravdy. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 330 p.

[THE STRUGGLE OF THE SOVIET UNION FOR DISARMAMENT FROM 1946 to 1960] Bor'ba Sovetskogo Soiuza za razoruzhenie, 1946-1960 gody. Pod red. V. A. Zorina. Moskva, Izd-vo in-ta mezhdunarodnykh otnoshenii, 1961. 566 p.

TURIN, V. O. [Some new observations on Elamite business documents from Persepolis] Moskva, Izd-vo vostochnoi lit-ry, 1960. 10 p.

VAIDOV, R. M. [Mingechaur from the 3d to the 8th century, from materials collected during archaeological excavations] Mingechaur v III-VIII *vekakh; po* materialam arkheologicheskikh raskopok. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi *SSR, 1961.* 160 p. [In Azerbaijani with summary in Russian.]

VAL'KOV, V. A. [Economic structure and the politics of the Netherlands after the Second World War] Ekonomika i politika Gollandii posle vtoroi mirovoi voiny. Moskva, Izd-vo in-ta mezhdunarodnykh otnoshenii, 1961. 220 p.

VOLONCHUK, F. F. [Behind enemy lines] Po tylam vraga. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 141 p. (Voennye memuary)

[YOUNG GUARD; a collection of documents and recollections about the heroic struggle of the members of the underground movement in Krasnodon during the *days of the fascist occupation, July 1942- February* 1943] Molodaia gvardiia; sbornik dokumentov i vosponinanii o geroicheskoi bor'be podpol'shchikov Krasnodona v dni vremennoi fashistskoi okkupatsii, iiul' 1942 - fevral' 1943. Kiev, Izd-vo TsK LKSMU "Molod'," 1961. 275 p.

ZIABLIN, L. P. [Second Buddhist temple at the Ak-Beshim site] Vtoroi buddiiskii khram Ak-Beshimskogo gorodishcha. Frunze, Izd-vo AN Kirgizskoi SSR, 1961. 72 p.

5. SOCIAL SCIENCES

AKADEMIIA NAUK SSSR. Institut mirovoi ekonomiki i mezhdunarodnykh otnoshenii. [Agrarian-peasant question in the independent underdeveloped countries of Asia; India, Burma, Indonesia] Agrarno-krest'ianskii vopros v suverennykh slaborazvitykh stranakh Azii, Indiia, Birma, Indoneziia. Moskva, 1961. 353 p.

AKADEMIIA NAUK URSR, Kiev. Instytut ekonomiky. [Ways of increasing profits in metallurgical industries] Shliakhy pidvyshchennia rentabel'nosti metalurgiinykh pidpryiemstv. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 93 p.

ALLAKHVERDIAN, D. A. [Finance of a socialist state] Finansy sotsialisticheskogo gosudarstva. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 295 p.

AL'TERMAN, S. L., and A. I. SMETANIN. [Organizing work with local cars] Organizatsiia raboty s mestnymi vagonami. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 174 p.

AL'TSHULER, G. A., B. N. LAKHMAN, and N. I. SIDOROVICH. [Planning in railroad transportation] Planirovanie na zheleznodorozhnom transporte. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 302 p.

[ALWAYS AT THE FOREFRONT; sketches of shock workers and the groups of communist labor] Vsegda vperedi; ocherki ob udarnikakh i kollektivakh kommunisticheskogo truda. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 134 p.

ANDREEV, V. S., P. A. GUREEV. [Organized recruitment of workers in the U. S. S. R.] Organizovannyi nabor rabochikh v SSSR. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 78 p.

ARABAEV, E. I., and A. U. ORUZBAEV. [State farms and their role in developing the agriculture of Kirghizistan] Sovkhozy i ikh rol' v razvitii sel'skogo khoziaistva Kirgizskoi SSR. Frunze, Akad. nauk Kirgizskoi *SSR, 1960.* 70 p.

ARISTOV, V. A. [Main trends in the development of the lumbering industry of Eastern Siberia] Osnovnye napravleniia razvitiia lesozagotovitel'noi promyshlennosti Vostochnoi Sibiri. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1960. 73 p.

ASATIANI, L. G. [Arithmetical tables for economic calculations in lieu of a computing machine] Arifmeticheskie tablitsy, tablitsy dlia ekonomicheskikh raschetov vzamen arifmometra. Izd. perer. Moskva, Izd-vo Akad. nauk SSSR, 1961. 1076 p.

BALMASHNOV, A. A. [Expanded building of communism in the U. S. S. R. and the international labor movement] Razvernutoe stroitel'stvo kommunizma v SSSR i mezhdunarodnoe rabochee dvizhenie. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 186 p.

BARATS, V.I. [The affairs and personnel of a state farm] Dela i liudi odnogo sovkhoza. [Moskva] Izd-vo VTsSPS Profizdat, 1960. 110 p.

BELIAEV, V.I. [Practices in planning and analyzing coal production costs] Praktika planirovaniia i analiza sebestoimosti dobychi uglia. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 207 p.

BENENSON, G.M., S.A. OBRAZTSOV, and L.E. BOLIATINSKAIA. [Prospects of the distribution of sawmills and woodworking industries] Perspektivy razmeshchenila lesopil'no-derevoobrabatyvaiushchei promyshlennosti. Moskva, Goslesbumizdat, 1960. 206 p.

BENUNI, A.KH. [Reduction of industrial costs is a source for the growth of national wealth] Snizhenie sebestoimosti produktsii - istochnik rosta obshchestvennogo bogatstva. Sverdlovsk, Gos.nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii. Sverdlovskoe otd-nie, 1961. 50 p.

BISHAEV, M.A., and M.M. FEDOROVICH. [Organization of the administration of industrial production] Organizatsiia upravlenila promyshlennym proizvodstvom. Moskva, Gos. izd-vo planovo-ekon. lit-ry, 1961. 224 p.

BOGDANOV, G.T. [Reference book for determining the cost of drainage work] Spravochnoe posobie dlia opredeleniia stoimosti rabot po osusheniiu. Moskva, Gos. nauchno-tekhn izd-vo lit-ry po gornomu delu, 1961. 149 p.

BORSHCHEV, I.K. [Planning collective-farm production] Planirovanie kolkhoznogo proizvodstva. [Tomsk] Tomskoe knizhnoe izd-vo 1961. 23 p. (Ekonomicheskie znaniia - v massy)

BREEV, M.V. [Law of planned and proportional development, and planning of the national economy] Zakon planomernogo proportsional'nogo razvitiia i planirovanie narodnogo khoziaistva. Moskva, Gosplanizdat, 1961. 62 p.

BROMLEI, N.IA., and V.N. DVORIANOV, comps. [Rise in the material prosperity of the Soviet people and achievements in the field of public health, physical education, and sports in the U.S.S.R. 1945-1960; index to the literature] Pod"em material'nogo blagosostoianiia Sovetskogo naroda i dostizheniia v oblasti zdravookhraneniia, fizkul'tury i sporta v SSSR, 1945-1960 gg.; ukazatel' literatury. Pod red. M.P. Kima. Moskva, In-t istorii Akad. nauk SSSR, 1961. 55 p.

BUSLOV, K.P. [Liberty should be in deed and not in name] Svoboda dolzhna byt' svobodoi na dele. Minsk, 1961. 33 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Belorusskoi SSR, no. 10)

CHADAEV, IA.E. [Problems in planning the national economy] Voprosy planirovaniia narodnogo khoziaistva. Moskva, Gosplanizdat, 1961. 176 p.

[COLLECTION OF RESOLUTIONS OF THE PRESIDIUM AND SECRETARIAT OF THE ALL-UNION CENTRAL COUNCIL OF TRADE UNIONS, January-September 1960] Sbornik postanovlenii Prezidiuma i Sekretariata VTsSPS, 1960 god [anvar'-sentiabr'. [Moskva] Izd-vo VTsSPS Profizdat, 1961. 439 p.

DEMENT'EV, I.A. [The Republic of Iraq] Irakskaia respublika. Moskva, Gos. izd-vo geogr. lit-ry, 1961. 47 p. (U karty mira)

[DEVELOPMENT OF THE CULTURAL AND TECHNOLOGICAL LEVEL OF THE SOVIET WORKING CLASS] Pod"em kul'turno-tekhnicheskogo urovnia sovetskogo-rabochego klassa. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 550 p.

DIDUSENKO, A.A. [Lights on the map, at Communist Youth League construction sites] Ogni na karte; na komsomol'skikh stroikakh. Moskva, Izd-vo "Znanie," 1961. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 10, Molodezhnaia, no. 11)

[ECONOMICS OF SOCIALIST AGRICULTURAL ENTERPRISES; visual-aid album for rural elementary schools and study groups in economics] Ekonomika sotsialisticheskikh sel'skokhoziaistvennykh predpriiatii; al'bom naglidnykh posobii dlia sel'skikh nachal'nykh ekonomicheskikh shkol i kruzhkov. [Arostavl'] Izd-vo "Sovetskaia Rossiia," 1960. 26 plates.

[ECONOMICS OF YOUR ENTERPRISE; articles on the economics of socialist industry] Ekonomika tvoego predpriiatiia; sbornik statei po ekonomike sotsialisticheskoi promyshlennosti. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 174 p. (V pomoshch' slushateliam komsomol'skikh politkruzhkov po izucheniiu osnov ekonomiki promyshlennykh predpriiatii)

EVROPIN, V.S. [Basic problems in the organization of the administration of construction] Osnovnye voprosy organizatsii upravleniia stroitel'stvom. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 96 p. (Voprosy ekonomiki stroitel'stva)

EVSEENKO, P.M. [Economic and organizational aspects of socialist agriculture] Ekonomika i organizatsiia sotsialisticheskogo sel'skokhoziaistvennogo proizvodstva. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 630 p. (Uchebniki i uchebnye posobiia dlia sel'skokhoziaistvennykh tekhnikumov)

FASOLIAK, N.D. [Supply of materials and equipment in an economic administrative region] Material'no-tekhnicheskoe snabzhenie v ekonomicheskom administrativnom raione. Moskva, Gos. izd-vo planovo-ekon. lit-ry, 1961. 174 p.

FASOLIAK, N.D. [Working capital and the problem of supplying industrial enterprises with material and equipment] Oborotnye fondy i material'no-tekhnicheskoe snabzhenie promyshlennykh predpriiatii. Moskva, Gosplanizdat, 1961. 80 p. (V pomoshch' propagandistam i slushateliam seti partiinogo prosveshcheniia)

FERBEROV, L.IA. [Compiling estimates and making calculations for capital construction in the coal industry] Sostavlenie smetnoi dokumentatsii i proizvodstvo raschetov v kapital'nom stroitel'stve ugol'noi promyshlennosti. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu.
Pt. 1. [Estimates for coal-mining work] Smetnaia dokumentatsiia na gornoprokhodcheskie raboty. 1960. 261 p.

FREI, L.I. [International clearance and financing of foreign trade in capitalist countries] Mezhdunarodnye raschety i finansirovanie vneshnei torgovli kapitalisticheskikh stran. Izd. 3., perer. i dop. Moskva, Vneshtorgizdat, 1960. 437 p.

GENDLER, G.KH. [Wages and technological progress] Zarabotnaia plata i tekhnicheskii progress. Moskva, Gos. izd-vo polit. lit-ry, 1961. 113 p.

GOLOSHCHAPOV, V.A., comp. [Accounting handbook] Spravochnik po bukhgalterskomu uchetu. Izd. 3., perer. Moskva, Gosfinizdat, 1961. 532 p.

GORBUNOV, R.G. [Soviet-American trade relations] Sovetsko-amerikanskie torgovye otnosheniia. Moskva, Vneshtorgizdat, 1961. 58 p.

GUR'IANOV, S.KH. [Analyzing the fulfillment of the labor plan in an industrial enterprise] Analiz vypolneniia plana po trudu na promyshlennom predpriiatii. Moskva, Gos. izd-vo planovo-ekon. lit-ry, 1961. 75 p. (V pomoshch' propagandistam i slushateliam seti partiinogo prosveshcheniia)

GVISHIANI, N.S., G.I. SHARIKADZE, and L.I. DOLIDZE. [Economy measures at the Tiflis Silk Factory. Rezhim ekonomii na Tbilisskoi shelkotkatskoi fabrike. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo"] 1959. 87 p. [In Georgian.]

IARMUKHAMEDOV, M.SH., and G.K. KONKASHPAEV. [Economic geography of the Kazakh S.S.R.; textbook for the ninth grade] Kazak SSR ekonomikalyk geografiasy, kazak mektepterinin 9-klasyna arnalgan. Almaty, Kazaktyn memlekettik oku-pedagogika baspasy, 1960. 87 p. [In Kazakh.]
[MICROFILM]

[INVISIBLE FRONT, reminiscences of former prisoners in the "Sachsenhausen" Concentration Camp] Nezrimyi front; vospominaniia byvshikh uznikov kontslagerla "Zaksenkhauzen." Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 270 p.

IVANOV, N.A. [Planning capital investments] Planirovanie kapital'nykh vlozhenii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 91 p. (Voprosy ekonomiki stroitel'stva)

IVANOV, N.V., N.K. MALIUTIN, and A.L. FLEISHMAN. [Supplying industries of regional economic councils with materials and equipment] Material'no-tekhnicheskoe snabzhenie promyshlennosti sovnarkhozov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 307 p.

IVANOV, V.M., and S.N. KANEV. [The time of peaceful work; how the Leningrad party organization struggled for the restoration of Leningrad industry from 1921 to 1925] Na mirnoi osnove; Leningradskaia partiinaia organizatsiia v bor'be za vosstanovlenie promyshlennosti goroda, 1921-1925 gg. [Leningrad] Lenizdat, 1961. 293 p.

KARATAEV, N.K., and M.N. RYNDINA. [History of economic theories; from the emergence of Marxism to the Great October Socialist Revolution, a lecture course] Istoriia ekonomicheskikh uchenii ot vozniknoveniia marksizma do Velikoi Oktiabr'skoi revoliutsii, kurs lektsii. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 742 p.

KARAVAEV, V.V., A.M. KAFTANOVSKAIA, and R.Z. LIVSHITS. [Settlement of labor disputes, a commentary] Razreshenie trudovykh sporov; kommentarii. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 222 p.

KASTORIN, A.A. [Problems of economics and organization in the agriculture of the U.S.S.R. for study in school, manual for teachers] Nekotorye voprosy ekonomiki i organizatsii sel'skogo khoziaistva SSSR dlia izucheniia v shkole, posobie dlia uchitelia. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 290 p.

KHAFIZOV, R.KH. [Critique of theories of government regulation of the capitalist economy] Kritika teorii gosudarstvennogo regulirovaniia kapitalisticheskoi ekonomiki. Predisl. L.B. Al'tera. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1961. 166 p.

KHEINMAN, S.A. [Production organization and labor productivity in the U.S.S.R. industry, based on machinery manufacturing and ferrous metallurgy] Organizatsiia proizvodstva i proizvoditel'nost' truda v promyshlennosti SSSR, na primere mashinostroeniia i chernoi metallurgii. Pod obshchei red. K.I. Klimenka. Moskva, Gos. izd-vo planovo-ekon. lit-ry, 1961. 225 p.

KHOTEEV, A.A. [The economic bases of the development of techniques and technology in industrial production] Ekonomicheskie osnovy razvitiia tekhniki i tekhnologii promyshlennogo proizvodstva. Moskva, Gos. izd-vo planovo-ekon. lit-ry, 1961. 130 p.

KIRGHIZ S.S.R. TSentral'noe statisticheskoe upravlenie. [Woman in the Kirghiz S.S.R.; short statistical handbook] Zhenshchina v Kirgizskoi SSR, kratkii statisticheskii spravochnik. Frunze, Gosstatizdat, 1960. 95 p.
[MICROFILM]

KLIMOV, N.A. [The workday in a society building communism] Rabochii den' v obshchestve, stroiashchem kommunizm. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 142 p.

KOCHNEV, F.P., B.M. MAKSIMOVICH, and I.B. SOTNIKOV. [Problems concerning the organization of train movement] Voprosy organizatsii dvizhenila poezdov. Moskva, Vses. izdatel'sko-politr. ob"edinenie M-va putei soobshcheniia, 1961. 211 p.

KONIUKHOV, G.A. [How the CPSU dealt with the grain difficulties in Russia during 1928-1929] KPSS v bor'be s khlebnymi zatrudneniiami v strane, 1928-1929. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 243 p.

KON'KOV, M.I. [We should clearly see our future development] Iasno videt' perspektivu. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 40 p. (Reshenila ianvarskogo (1961 g.) Plenuma TsK KPSS - v zhizn')

KOPTEV, M.M. [Some problems in business accounting during the large-scale building of communism] Nekotorye voprosy khoziaistvennogo rascheta v period razvernutogo stroitel'stva kommunizma. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 60 p.

KORNIENKO, A.A. [Critique of modern theories on the militarization of economy] Kritika sovremennykh teorii militarizatsii ekonomiki. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 246 p.

KOSOLAPOV, R.I. [The dialectic of commodity under socialism] K voprosu o dialektike tovara pri sotsializme. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 46 p.

KOZHUKH, S.A., and others. [Deductions from profit] Otchisleniia ot pribyli. Moskva, Gosfinizdat, 1961. 162 p.

KRASII, S.A., comp. [Concise accounting dictionary and manual book] Kratkii bukhgalterskii slovar'-spravochnik. [Kherson] Khersonskoe knizhno-gazetnoe izd-vo, 1960. 124 p.

KREPISH, P.V. [Operational planning control of production in a machinery manufacturing plant] Operativno-planovyi kontrol' proizvodstva na mashinostroitel'nom zavode. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1951. 186 p.

KUKULEVICH, I. L., and V. P. MACHIKHIN. [The wage systems in enterprises of local industry] Organizatsiia zarabotnoi platy na predpriiatiiakh mestnoi promyshlennosti. Moskva, Gos. izd-vo planovo-ekonomicheskoi lit-ry, 1961. 355 p.

KUROPIATNIK, R. P. [Development of the electric power industry in the U. S. A.] Razvitie elektroenergetiki v SShA. Moskva, Izd-vo Akad. nauk SSSR, 1961. 205 p.

KUROTCHENKO, V. S., and P. A. OSADA. [Methodology for calculating the productive capacity of an industrial enterprise] Proizvodstvennaia moshchnost' promyshlennogo predpriiatiia; metodika rascheta. Moskva, Gos. izd-vo planovo-ekon lit-ry, 1961. 279 p.

LARIONOV, A. P. [Establishing work standards and wage schedules on collective and state farms] Normirovanie i tarifikatsiia truda v kolkhozakh i sovkhozakh. Moskva, Gosplanizdat, 1961 167 p.

LEITES, N. S. [Ability, labor, and talent] Sposobnosti, trud, talant. Moskva, Izd-vo "Znanie," 1961. 32 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 10, Molodezhnaia, no. 13)

LENIN, V. I. [Complete works] Polnoe sobranie sochinenii. Izd. 5. Moskva, Gos. izd-vo polit. lit-ry.
Vol. 17. [March 1908-June-1909] Mart 1908-iiun' 1909. 1961. 655 p.

LETAVET, A. A. [Industrial hygiene in work under conditions of the action of ionizing radiation] Gigiena truda pri rabote v usloviiakh vozdeistviia ioniziruiushchikh izluchenii. Moskva, 1955. 21 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

LOENT'EV, L. A. [For the study of K. Marx's "Capital"] K izucheniiu "Kapitala" K. Marksa. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 175 p. (Materialy k lektsiiam politicheskoi ekonomii)

MAKAROV, A. D. [Financing and issuing credit to Soviet trade] Finansirovanie i kreditovanie sovetskoi torgovli. Moskva, Gos izd-vo torg lit-ry, 1961. 208 p.

MAKAROVA, N. F. [Let's talk about ourselves and our life] Pogovorim o zhizni i o sebe; zapiski lektora. Moskva, Gos. izd-vo polit. lit-ry, 1961. 67 p. (Iz seriі o kommunisticheskoi morali)

MAL'KOV, V. L. [Labor movement in the U. S. A. during the period of the world economic crises, 1929-1933] Rabochee dvizhenie v SShA v period mirovogo ekonomicheskogo krizisa, 1929-1933 gg. Moskva, Izd-vo Akad. nauk SSSR, 1961. 313 p.

MARX, KARL, and FRIEDRICH ENGELS. [Works] Sochineniia. Izd. 2. Moskva, Gos. izd-vo polit. lit-ry.
Vol. 18, 1961, 807 p.
Vol. 19. 1961, 670 p.

MATVEENKO, V. A., and A. D. ZYKOV. [Collection of problems on bookkeeping in public eating establishments; manual for students of commercial institutions of higher learning] Sbornik zadach po bukhgalterskomu ucheta v obshchestvennom pitanii, uchebnoe posobie dlia studentov torgovykh vuzov. Pod red. P. V. Mezentseva. Moskva, Gos. izd-vo torg. lit-ry, 1961. 101 p.

METS, N. D. [Our ruble, historical study] Nash rubl'; istoricheskii ocherk. Moskva, Izd-vo sotsial'no-ekon. lit-ry Sotsekgiz, 1960. 98 p.

MITIUKOV, O. H. [On the road to the victory of communist labor] Na shliakhu do peremogy komunistychnoi pratsi. Kyiv, 1961. 46 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 1, no. 7)

[MOLDAVIAN ECONOMIC ADMINISTRATIVE REGION] Moldavskii ekonomicheskii administrativnyi raion. Kishinev, Gos. izd-vo "Kartia Moldovenieske," 1961. 166 p.

MORALEVICH, A. IU. [Thirty thousand roads; choice of a profession] Putei - 30 tysiach; o vybore professii. Moskva, Izd-vo "Znanie," 1961. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 10, Molodezhnaia, no. 8)

MOSCOW. AKADEMIIA OBSHCHESTVENNYKH NAUK. [Changes in the class structure of a society during the building of socialism and communism] Izmenenie klassovoi struktury obshchestva v protsesse stroitel'stva sotsializma i kommunizma. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 362 p.

MOSCOW. AKADEMIIA OBSHCHESTVENNYKH NAUK. [Dialectics of the development of socialist society] Dialektika razvitiia sotsialisticheskogo obshchestva. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 270 p.

MOSCOW. AKADEMIIA OBSHCHESTVENNYKH NAUK. [Two economic systems of the world] Dve mirovye sistemy khoziaistva. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961 410 p.

MOSCOW. GOSUDARSTVENNYI EKONOMICHESKII INSTITUT. [Economics of socialist industry, textbook] Ekonomika sotsialisticheskoi promyshlennosti; uchebnik. Izd. 2, dop. i perer. Pod red. L. I. Ilina, B. S. Genashchenko. Moskva, Gos. izd-vo polit. lit-ry, 1961. 775 p.

MOSCOW. NAUCHNO-ISSLEDOVATEL'SKII KON"IUNKTURNYI INSTITUT. [Economic development of the people's democracies, survey for 1959] Razvitie ekonomiki stran narodnoi demokratii, obzor za 1959 god. Pod red. N. I. Ivanova i dr. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 305 p.

MOSCOW. NAUCHNO-ISSLEDOVATEL'SKII KON"IUNKTURNYI INSTITUT. [Economy of the capitalist countries in 1959] Ekonomika kapitalisticheskikh stran v 1959 godu. Pod red. N. V. Orlova, IU. N. Kapelinskogo, V. P. Gorlunova. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 694 p.

MOSCOW. VSESOIUZNAIA AKADEMIIA VNESHNEI TORGOVLI. [The export trade of people's democracies] Vneshniaia torgovlia stran narodnoi demokratii. Pod red. M. F. Kovrizhnykh, S. M. Stepanova. Moskva, Vneshtorgizdat, 1961. 286 p.

MOSCOW. VYSSHAIA ZAOCHNAIA SHKOLA PROFDVIZHENIIA. [History of the trade-union movement in the U. S. S. R.] Istoriia profdvizhenila v SSSR. Izd. 2., perer. [Moskva] Izd-vo VTsSPS Profizdat, 1961. 524 p

MOSKOVSKII DOM NAUCHNO-TEKHNICHESKOI PROPAGANDY IMENI F. E. DZERZHINSKOGO. [Accounting of the expenditures for production and the calculation of the unit costs of industrial products] Uchet zatrat na proizvodstvo i kal'kulirovanie sebestoimosti promyshlennoi produktsii. Moskva, Gos nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 254 p.

MSTISLAVSKII, P. S. [National consumption under socialism] Narodnoe potreblenie pri sotsializme. Moskva, Gos. izd-vo planovo-ekon. lit-ry, 1961. 310 p.

NAUMOV, G. K., and others. [Economics of the work of railroad stations] Ekonomika raboty stantsii. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila 1961. 263 p.

NIKITIN, N. A. [Organizing centralized transfers of building freight] Organizatsiia tsentralizovannykh perevozok stroitel'nykh gruzov. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shossei-nykh dorog RSFSR, 1961. 56 p. (Obmen tekhnicheskim opytom avtotransportnykh predpriiatii)

NIKITIN, P. I. [The nature of communism] Chto takoe kommunizm. [Moskva] Izd-vo Mosk. univ., 1961. 134 p.

NIKULIN, V. M., and G. KH. ISKHAKOV. [Labor productivity growth potentials in refractory materials production] Rezervy rosta proizvoditel'nosti truda v ogneupornom proizvodstve. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1961. 85 p.

NOIRYSH, A. I. [Labor and communism] Trud i kommunizm. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 104 p.

NOVIKOV, V. A. [Utopian socialism in Western Europe, a lecture delivered at the Irkutsk Party School] Utopicheskii sotsializm v Zapadnoi Evrope; lektsiia, prochitannaia v Irkutskoi Vysshei partiinoi shkole. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 26 p.

[PEOPLE GOING FORWARD] Idushchie vperedi. Moskva, Gos. izd-vo polit. lit-ry, 1961. 438 p.

PETROV, A. I., ed. [Course in economic statistics] Kurs ekonomicheskoi statistiki. Izd. 3., dop. i perer. Moskva, Gosstatizdat TsSU SSSR, 1961. 507 p.

PEVZNER, S. L. [Capital assets and production capacities of light industry] Osnovnye fondy i proizvodstvennye moshchnosti legkoi promyshlennosti. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1960. 215 p.

PLETNEV, S. P. [Potentials for economizing on materials in construction] Rezervy ekonomii materialnykh resursov v stroitel'stve; iz opyta raboty stroek Kazakhstana. Alma-Ata, Kazakhskoe gos. izd-vo, 1960. 169 p. (Semiletka Kazakhstana v deistvii)

PODVARKOV, G. A. [Dmitrii Petrovich Zhuravskii, Russian statistician and economist] Russkii statistik-ekonomist Dmitrii Petrovich Zhuravskii. Pod red. D. V. Savinskogo. [Moskva] Izd-vo Mosk. univ., 1961. 87 p.

POKROVSKII, A. I. [French bourgeois political economy, revival or crisis?] Frantsuzskaia burzhuaznaia politicheskaia ekonomiia; obnovlenie ili krizis? Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1961. 224 p

POLTORYGIN, W. K. [Industries in the U. S. S. R. from 1913 to 1965] Promyshlennost' SSSR 1913-1965 gg. [Moskva] Gospolitizdat, 1961. 46 p. (Naglidnoe posobie dlia agitatora)

PROZOROV, P. A. [Collective farms and communism] Kolkhoz i kommunizm; literaturnaia zapis' I. A. Tskhoto. Moskva, Gos. izd-vo polit. lit-ry, 1960. 94 p.

PSKOV (Province) Statisticheskoe upravlenie. [Economy of Pskov Province; statistical collection] Narodnoe khoziaistvo Pskovskoi oblasti, statisticheskii sbornik. Leningrad, Gosstatizdat, 1960. 175 p.

PTUKHA, M. V. [Studies on population statistics] Ocherki po statistike naselenila. Moskva, Gosstatizdat TsSU SSSR, 1960 456 p.

RESHETOV, P. N. [International Youth Forum] Vsemirnyi Forum molodezhi. Moskva, Izd-vo "Znanie," 1961. 36 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 10, Molodezhnaia, no. 12)

RICARDO, DAVID. [Works. Preface by M. Smit] Sochineniia. Moskva, Izd-vo sotsial'no-ekon. lit-ry.
Vol. 5. [Letters to economists. Translated from the English] Pis'ma k ekonomistam. 1961 270 p.

RODONAIA, D. E. [Economic aspects of the mining industry. Voprosy ekonomiki gornoi promyshlennosti. Tbilisi, Gos izd-vo "Sabchota Sakartvelo," 1959] 238 p. [In Georgian.]

ROMANENKO, I. N., ed. [Unit costs and profitable operation of collective farms] Sebestoimost' produktsii i rentabel'nost' proizvodstva v kolkhozakh. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 293 p.

ROZENBERG, D. I. [Commentaries on the second and third volumes of "Capital" by K. Marx] Kommentarii ko vtoromu i tret'emu tomam "Kapitala" K. Marksa. Pod red. S. L. Vygodskogo. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 654 p.

RUSSIA (1917- R. S. F. S. R.) Ministerstvo avtomobil'nogo transporta i shosseinykh dorog. [Manual of the automotive transportation worker; production and finance planning, accounting and reporting in automotive transportation units] Spravochnik rabotnika avtomobil'nogo transporta; proizvodstvennoe i finansovoe planirovanie, uchet i otchetnost' v avtokhoziaistvakh. Red. kollegiia: L. A. Broushtein i dr. Moskva, Avtotransizdat, 1961. 310 p.

RUSSIA (1917- R. S. F. S. R.) Ministerstvo kommunal'nogo khoziaistva. [Price-list rates by districts for construction and assembly of urban electric networks] Poraionnye preiskurantnye tseny na stroitel'stvo i montazh gorodskikh elektricheskikh setei. Moskva, 1961. 170 p.

RUSSIA (1923- U. S. S. R.) Glavnoe upravlenie po proizvodstvu elektromontazhnykh rabot. [Collection of list (wholesale) and estimated prices for materials and electric components not included in price-book 9] Sbornik preiskurantnykh (optovykh) i smetnykh tsen na materialy i elektrokonstruktsii, ne uchtennye tsennikom no. 8. Moskva, Gos. energ. izd-vo, 1960. 254 p.

RUSSIA (1923- U. S. S. R.) Ministerstvo putei soobshcheniia. [Timetable of passenger trains; summer 1961] Ukazatel' zheleznodorozhnykh passazhirskikh soobshchenii, leto 1961 goda. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 656 p.

RYSKULBEKOV, M. R. [Kirghiz' transition from a nomadic to the present-day socialist economy] Perekhod kirgizov ot kochevogo k sovremennomu sotsialisticheskomu khoziaistvu. Moskva, Izd-vo vostochnoi lit-ry, 1960. 10 p. (XXV Mezhdunarodnyi kongress vostokovedov: Doklady delegatsii SSSR)

SAILLANT, LOUIS. [The World Federation of Trade Unions in the service of the workers of all countries] Vsemirnaia federatsiia profsoiuzov na sluzhbe trudiashchikhsia vsekh stran. [Moskva] Izd-vo VTsSPS Profizdat, 1960. 149 p.

SAKHALIN (Province) Statisticheskoe upravlenie. [Economy of Sakhalin Province, statistical collection] Narodnoe khoziaistvo Sakhalinskoi oblasti, statisticheskii sbornik. IUzhno-Sakhalinsk, Sakhalinskoe knizhnoe izd-vo, 1960. 103 p.

SAKOV, M. P. [Basic principles of communism] Osnovnoi printsip kommunizma. Moskva, Gos. izd-vo polit. lit-ry, 1961. 61 p. (Bibliotechka znanii o kommunizme)

SANKIN, D. I. [Planning production and economic operations of industrial enterprises] Planirovanie proizvodstvenno-khoziaistvennoi deiatel'nosti promyshlennykh predpriiatii. Moskva, Gosplanizdat, 1961. 156 p. (V pomoshch' propagandistam i slushateliam sети partiinogo prosveshcheniia)

SHCHERBIN, M.IA. [The reactionary nature of present-day bourgeois ideology; a critical review of present-day bourgeois sociological ideas] Reaktsionyi kharakter suchasnoi burzhuaznoi ideologii, krytychnyi ohliad suchasnykh burzhuaznykh sotsiologichnykh teorii. Kyiv, 1961. 90 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 1, no. 5/6)

SHEIN, P. A. [Potentials for saving material resources] Reservy ekonomii material'nykh resursov. Moskva, Izd-vo "Znanie," 1961. 44 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, Ekonomika, no. 13)

SHIPUNOVA, M. A. [How to lower overhead expenses in automotive transportation] Puti snizheniia nakladnykh raskhodov v avtokhoziaistvakh. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 29 p.

SHISHOV, A. N. [Problems of economics in the comprehensive designing and planning of coal-mining enterprises] Voprosy ekonomiki pri kompleksnom proektirovanii ugol'nykh predpriiatii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 56 p.

SHUL'MAN, A. S. [Transportation of the Russian Federation during the seven-year plan period] Transport Rossiiskoi Federatsii v semiletii. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1960. 103 p.

SIPOVSKAIA, L. V. [Statistics of river transportation] Statistika rechnogo transporta. Izd. 2., perer. Leningrad, Leningr. otd-nie, 1961, 343 p.

SOBOLEV, N. P. [Budget accountability on collective farms] Khozraschet v kolkhozakh. Moskva, Gos. izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 223 p.

SOROKIN, G. M. [Planning the national economy of the U. S. S. R.; problems of theory and organization] Planirovanie narodnogo khoziaistva SSSR; voprosy teorii i organizatsii. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 458 p.

[SOVIET UKRAINIAN CULTURE, a collection of articles] Ukrainskaia Sovetskaia kul'tura; sbornik statei. Kiev, Gos. izd-vo polit. lit-ry USSR, 1961. 278 p.

[SPECIAL RIGHTS OF WOMEN WORKERS AND EMPLOYEES] L'goty po trudu dlia zhenshchin - rabochikh i sluzhashchikh. Moskva, Gos. izd-vo jurid. lit-ry, 1961. 44 p. (L'goty po sovetskomu zakonodatel'stvu)

STEPANOV, V. A. [In the winds of the steppes; notes of a Communist Youth League organizer on a state farm in the virgin lands] Pod vetrami stepnymi; iz zapisok komsorga tselinnogo sovkhoza. Moskva, Izd-vo "Pravda," 1961. 63 p. (Biblioteka "Komsomol'skoi pravdy," no. 5)

[SUBURBAN TIMETABLES: Moscow-Borodino, Moscow Railroad; summer 1961] Raspisanie dvizheniia prigorodnykh poezdov: Moskva - Borodino, Moskovskoi zh.d.; leto 1961 g. [Moskva] Transzheldorizdat, [1961] 63 p.

[SUBURBAN TIMETABLES: Moscow-Dmitrov-Dubna, Savelov Line of the Moscow Railroad, summer 1961] Raspisanie dvizheniia prigorodnykh poezdov. Moskva - Dmitrov - Dubna, Savelovskaia liniia Moskovskoi zh.d.; leto 1961 g. [Moskva] Transzheldorizdat [1961] 44 p.

[SUBURBAN TIMETABLES: Moscow-Kashira-Ozherel'ye, Moscow Railroad, summer 1961] Raspisanie dvizheniia prigorodnykh poezdov: Moskva - Kashira - Ozherel'e, Moskovskoi zh.d.; leto 1961 g. [Moskva] Transzheldorizdat [1961] 62 p.

[SUBURBAN TIMETABLES: Moscow-Monino-Zagorsk, Moscow Railroad; summer 1961] Raspisanie dvizheniia prigorodnykh poezdov Moskva - Monino - Zagorsk, Moskovskaia zh.d.; leto 1961 g. [Moskva] Transzheldorizdat [1961] 125 p.

[SUBURBAN TIMETABLES. Moscow-Noginsk-Petushki, Moscow Railroad, summer 1961] Raspisanie dvizheniia prigorodnykh poezdov. Moskva - Noginsk - Petushki, Moskovskoi zh.d.; leto 1961 g. [Moskva] Transzheldorizdat [1961] 77 p.

[SUBURBAN TIMETABLES: Moscow-Podol'sk-Serpukhov, Moscow Railroad, summer 1961] Raspisanie dvizheniia prigorodnykh poezdov: Moskva - Podol'sk - Serpukhov, Moskovskoi zh.d., leto 1961 g. [Moskva] Transzheldorizdat [1961] 84 p.

[SUBURBAN TIMETABLES Moscow-Ramenskoe-Golutvin, Moscow-Kurovskaya-Cherusti, Moscow Railroad; summer 1961] Raspisanie dvizheniia prigorodnykh poezdov. Moskva - Ramenskoe - Golutvin, Moskva - Kurovskaia - Cherusti, Moskovskoi zh.d., leto 1961 g. [Moskva] Transzheldorizdat, [1961] 92 p.

[SUBURBAN TIMETABLES: Moscow-Volokolamsk, Moscow Railroad; summer 1961] Raspisanie dvizheniia prigorodnykh poezdov Moskva - Volokolamsk, Moskovskoi zh.d., leto 1961 g. [Moskva] Transzheldorizdat, [1961] 44 p.

SUSLIN, P. N. ["Common market" of six European countries] "Obshchii rynok" shesti evropeiskikh stran. Moskva, Vneshtorgizdat, 1961. 287 p.

[THREE-YEAR ECONOMIC PLAN OF THE KOREAN PEOPLE'S REPUBLIC FOR 1954-1956] Trekhletnii narodnokhoziaistvennyi plan KNDR na 1954-56 gg. [Pkhen'ian] Department kul'turnoi sviazi s zagranitsei M-va kul'tury i propagandy KNDR, 1954. 84 p.

[TO THOSE WHO ARE DRIVING TOWARD THE TARGETS OF THE SEVEN-YEAR PLAN] Shturmuiushchim rubezhi semiletki. Moskva, Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 150 p.

TRAPEZNIKOV, S. P. [The Communist Party in the period of socialist offensive on a wide front; triumph of the collective-farm system in rural areas, from 1929 to 1932] Kommunisticheskaia partiia v period nastupleniia sotsializma po vsemu frontu. Pobeda kolkhoznogo stroia v derevne, 1929-1932 gg. Izd. 2 Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 141 p. (Istoriia KPSS, kurs lektsii. Tema XII)

[TRAVELER'S GUIDEBOOK] Spravochnik passazhira. [Moskva] Transzheldorizdat, 1961. 350 p.

VARGA, E. S. [20th-century capitalism] Kapitalizm dvadtsatogo veka. Moskva, Gos. izd-vo polit. lit-ry, 1961. 146 p.

VASIL'EV, I. V. [State capitalism in present-day Burma] Gosudarstvennyi kapitalizm v sovremennoi Birme. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 160 p.

VEKSLER, IU. F., and NIKIFOROV, profitable operation of collective Ot chego zavisit dokhodnost' kolkh Mosk. rabochii, 1961. 44 p. (Obr bibliotechka po ekonomike sel'sk proizvodstva)

VLASOV, M. A. [Group wage systen Kollektivnaia oplata truda za pro Gos. izd-vo polit. lit-ry, 1961. 14

VOLKOV, F. M. [Expanded replace in the U. S. S. R.] Rasshirennoe v kvalifitsirovannoi rabochei sily tsial'no-ekon. lit-ry, 1960] 205 p

VOLOGDA (Province) Statisticheskc omy of Vologda Province; statist noe khoziaistvo Vologodskoi obla sbornik. Vologda, Gos. stat. izd

VSESOIUZNOE OBSHCHESTVO PO POLITICHESKIKH I NAUCHNYKH cal problems in the building of cc teoreticheskie voprosy stroitel'st Moskva, Izd-vo "Znanie," 1960.

ZOLOTAREV, V. I. [World socialist market] Mirovoi sotsialisticheskii rynok. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 205 p.

6. POLITICAL SCIENCE

[ADMINISTRATIVE AND TERRITORIAL DIVISIONS OF THE U. S. S. R UNION REPUBLICS AS OF MAY 1, 1949] Administrativno-territorial'noe delenie soiuznykh respublik na 1 maia 1949 goda (SSSR) Izd 6 Moskva, Izd-vo "Izvestiia Sovetov deputatov trudiashchikhsia SSSR," 1949. 479 p.

AFRO-ASIAN PEOPLE'S SOLIDARITY CONFERENCE, 2d, Conakry, 1960. [Second Afro-Asian People's Solidarity Conference, Conakry, April 11-15, 1960] Vtoraia konferentsiia solidarnosti narodov Azii i Afriki, Konakri, 11-15 aprelia 1960 g. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 350 p.

AIDIT, D. N. [Lessons from the history of the Communist Party of Indonesia. Translated from the Indonesian] Uroki istorii Kommunisticheskoi partii Indonezii. Moskva, Gos. izd-vo polit. lit-ry, 1961. 34 p.

ALEKSANDROV, P. A. [Fifteenth Congress of the All-Union Communist Party] Piatnadtsatyi s"ezd VKP(b). Moskva, Gos. izd-vo polit. lit-ry, 1961. 94 p. (S"ezdy, konferentsii i plenumy TsK KPSS)

[THE ALGERIAN COMMUNIST PARTY IN THE WAR FOR NATIONAL INDEPENDENCE] Alzhirskaia kommunisticheskaia partiia v voine za natsional'nuiu nezavisimost'. Moskva, Gos. izd-vo polit. lit-ry, 1961. 44 p

[THE ART OF THE AGITATOR, advice on methods] O masterstve agitatora, metodicheskie sovety. Moskva, Gos. izd-vo polit. lit-ry, 1960. 142 p.

BARABASHEV, G. V. [The governmental system of the Hungarian People's Republic] Gosudarstvennyi stroi Vengerskoi Narodnoi Respubliki. Moskva, Gos. izd-vo jurid. lit-ry, 1961. 91 p. (Gosudarstvennyi stroi stran mira)

BOL'SHOV, D. G., V. V. MIDTSEV, and L. A. IAKOVLEVA. [Crisis of reformist illusions of a "democratic socialism."] Krizis reformistskikh illiuzii "demokraticheskogo sotsializma." Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 460 p.

BUNKINA, M. K. [Criticism of the right-wing socialist theory of the "growth" of capitalism into socialism, based on materials of the Social-Democratic Party of Germany and the Socialist Party of Austria] Kritika pravosotsialisticheskoi teorii "vrastaniia" kapitalizma v sotsializm, po materialam sotsial-demokraticheskoi partii Germanii i sotsialisticheskoi partii Avstrii. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 76 p.

COMMUNIST PARTY OF CANADA. Congress, 16th, Toronto, 1959. [Sixteenth National Congress of the Communist Party of Canada, Toronto, October 9-12, 1959] XVI Natsional'nyi s"ezd Kommunisticheskoi partii Kanady, Toronto, 9-12 oktiabria 1959 g. Moskva, Gos. izd-vo polit. lit-ry, 1961. 125 p. (Dokumenty i materialy zarubezhnykh kommunisticheskikh i rabochikh partii)

COMMUNIST PARTY OF THE UNITED STATES OF

GAVRILOV, B.A., and M.P.CHERNOV. [Eighteenth Congress of the All-Union Communist Party] Vosemnadtsatyi s"ezd VKP(b). Moskva, Gos.izd-vo polit.lit-ry, 1961. 118 p. (S"ezdy, konferentsii i plenumy TsK KPSS)

GORBUNOVA, M.I. [The struggle to create a Marxist party in Russia. The formation of the Russian Social Democratic Party. Origin of bolshevism, 1894-1904. Lecture 2. Lenin's plan for the building of a Marxist party. The struggle of Lenin's "Iskra" to build a party] Tema II. Bor'ba za sozdanie marksistskoi partii v Rossii. Obrazovanie RSDRP. Vozniknovenie bol'shevizma, 1894-1904 gg., lektsiia 2: Leninskii plan postroeniia marksistskoi partii. Bor'ba leninskoi "Iskry" za sozdanie partii. Kiev, M-vo vysshego i srednego obrazovaniia USSR, 1960. 15 p.

GOSTIMSKII, IU.N. [The Bolshevik Party as the leader of the mass revolutionary movement of the proletariat of Russia on the eve of the First World War] Partiia bol'shevikov--rukovoditel' massovogo revoliutsionnogo dvizheniia proletariata Rossii nakanune pervoi mirovoi voiny. Moskva, Izd-vo IMO, 1961. 94 p.

HORAK, V.V. [Mar'inka District Communists at the forefront of agricultural toilers; how the party organization of Mar'inka District, Stalino Province, tries to carry out the seven-year agricultural plan ahead of schedule] Mar'ins'ki komunisty v avangardi trudivnykiv sela, partiina organizatsiia Mar'ins'koho raionu Stalins'koi oblasti v borot'bi za dostrokove vykonannia semyrichky v sil's'komu hospodarstvi. Kyiv, 1961. 58 p. (Tovarystvo dlia poshyrennie politychnykh i naukovykh znan' Ukrains'koi RSR. Ser.1, no.4)

IAROSHENKO, F.D. [The states, districts, and taluks of India] Shtaty, okruga i raiony Indii. Moskva, Vses. in-t nauchn. i tekhn. informatsii, 1961. 119 p.

IL'IN, A.IA., and S.I.POPOV. [A new crushing blow against present-day opportunism; significance of the documents of the 1960 Conference of the Representatives of Communist and Workers' Parties in Moscow for the critical evaluation of present-day revisionism and reformism] Novyi sokrushitel'nyi udar po sovremennomu opportunizmu, o znachenii dokumentov Moskovskogo Soveshchaniia predstavitelei kommunisticheskikh i rabochikh partii 1960 g. dlia kritiki sovremennogo revizionizma i reformizma. Moskva, Izd-vo "Znanie," 1961. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser.2. Filosofiia, no.10)

KAZAKH S.S.R. Verkhovnyi Sovet. [Meetings of the Fifth Supreme Soviet of the Kazakh S.S.R., fifth session, July 4-5, 1960. Verbatim report] Zasedaniia Verkhovnogo Soveta Kazakhskoi SSR, piatogo sozyva; piataia sessiia 4-5 iiulia 1960 goda. Stenograficheskii otchet. Alma-Ata, Kazakhskoe gos. izd-vo, 1960. 190 p.

KHRUSHCHEV, N.S. [Foreign policy of the Soviet Union during 1960] O vneshnei politike Sovetskogo Soiuza, 1960 god. Moskva, Gos.izd-vo polit.lit-ry. Vol.2. [June-December] Iiun'-dekabr'. 1961. 630 p.

KHRUSHCHEV, N.S. [Radio and television address on June 15, 1961] Vystuplenie po radio i televideniiu 15 iiunia 1961 goda. Moskva, Gos.izd-vo polit.lit-ry, 1961. 30 p.

KIM IL-SŎNG. [Triumph of the ideas of the great October Revolution. Translated from the Korean] Torzhestvo idei Velikogo Oktiabria. Moskva, Gos. izd-vo polit. lit-ry, 1960. 65 p. (Bibliotechka po nauchnomu sotsializmu, no.64)

KLIUCHEVA, Z.I. [Collective work is the highest principle of party leadership; a lecture delivered at the School of Higher Party Education attached to the Central Committee of the CPSU] Kollektivnost' - vysshii printsip partiinogo rukovodstva, lektsiia, prochitannaia v VPSh pri TsK KPSS. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 37 p.

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. 8, Konferentsiia, Moscow, 1919. [Proceedings of the 8th Conference of the Russian Communist Party] Protokoly. Moskva, Gos. izd-vo polit. lit-ry, 1961. 315 p. (Protokoly i stenograficheskie otchety s"ezdov i konferentsii Kommunisticheskoi partii Sovetskogo Soiuza)

KOROTAEV, F.S. [The Lenin appeal to join the party in the Western Urals] Leninskii prizyv v partiiu na Zapadnom Urale. Perm', Permskoe knizhnoe izd-vo, 1960. 73 p.

KRIVSHICH, V.S. [The founders of Marxism-Leninism on the collective guidance of the party] Osnovopolozhniki marksizma-leninizma o kollektivnosti partiinogo rukovodstva. Moskva, Gos. izd-vo polit. lit-ry, 1961. 95 p. (Voprosy partiinogo stroitel'stva)

KURBATOV, K.I. [The propagandist is an organizer, educator, and teacher] Propagandist - organizator, vospitatel' i nastavnik. Moskva, Gos. izd-vo polit. lit-ry, 1961. 46 p. (Bibliotechka propagandista, no.6)

KURGANOV, I.A. [The nations of the U.S.S.R. and "the Russian problem."] Narody SSSR i russkii vopros. [New York] Komitet za prava i svobodu v Rossii, 1961. 283 p.

LEONT'EV, A.K. [Formation of the departmental system of administration in the Russian state, history of the creation of the centralized state apparatus at the end of the 15th and the first half of the 16th century] Obrazovanie prikaznoi sistemy upravleniia v Russkom gosudarstve, iz istorii sozdaniia tsentralizovannogo gosudarstvennogo apparata v kontse XV - pervoi polovine XVI v. [Moskva] Izd-vo Mosk. univ., 1961. 198 p.

[MANUAL FOR ACTIVE MEMBERS OF THE COMMUNIST YOUTH LEAGUE] Sputnik komsomol'skogo aktivista, spravochnaia knizhka. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 349 p.

MASHKIN, V.K., and M.I.MOKHNACHEV. [Cuba is a country of youth] Kuba - strana iunosti. Moskva, Izd-vo "Znanie," 1961. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser.10, Molodezhnaia, no.14)

MOSCOW. AKADEMIIA OBSHCHESTVENNYKH NAUK. [How party organizations have carried out the decisions of the 20th and 21st Congresses of the CPSU] Iz opyta raboty partiinykh organizatsii po vypolneniiu reshenii XX i XXI s"ezdov KPSS. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 442 p.

MOSCOW. AKADEMIIA OBSHCHESTVENNYKH NAUK. [Problems in organizational and party work under present-day conditions; practices of party organizations in carrying out the decisions of the 20th and 21st Congresses of the CPSU] Nekotorye voprosy organizatsionno-partiinoi raboty v sovremennykh usloviiakh, iz opyta raboty partiinykh organizatsii po vypolneniiu reshenii XX i XXI s"ezdov KPSS. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 447 p.

MOSCOW. AKADEMIIA OBSHCHESTVENNYKH NAUK. [V.I. Lenin and certain problems in the building of the party] V.I. Lenin i nekotorye voprosy stroitel'stva partii. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 318 p.

MOSCOW. UNIVERSITET. [Lectures in the course on the history of the CPSU] Lektsii po kursu istorii KPSS. [Moskva]
Pt.1. 1961. 501 p.

PAVLOV, I.V. [Jurisdiction of district executive committees in the state control of collective farms] Kompetentsiia raiispolkomov po gosudarstvennomu rukovodstvu kolkhozami. [Moskva] Izd-vo Mosk. univ., 1961. 106 p.

POLUBINSKII, V.I., and A.G.ZATSEPIN. [Out-of-town sessions of the executive committees of the district and city soviets of workers' deputies] Vyezdnye zasedaniia ispolkomov raionnykh i gorodskikh Sovetov deputatov trudiashchikhsia. Moskva, Gos.izd-vo jurid. lit-ry, 1961. 46 p.

[PROBLEMS IN IDEOLOGICAL WORK, a collection of the most important decisions of the CPSU, 1954-1961] Voprosy ideologicheskoi raboty, sbornik vazhneishikh reshenii KPSS, 1954-1961 gody. Moskva, Gos. izd-vo polit. lit-ry, 1961. 320 p.

[PROGRAM OF THE COMMUNIST PARTY OF THE SOVIET UNION] Programma Kommunisticheskoi partii Sovetskogo Soiuza. Moskva, Gos. izd-vo polit. lit-ry, 1961. 142 p.

PUSHKAREV, V.D. [Party work under new conditions] Partiinaia rabota v novykh usloviiakh. [Moskva] Mosk. rabochii, 1961. 73 p.

RUSSIA (1923- U.S.S.R.) Upravlenie prepodavaniia obshchestvennykh nauk. [V.I. Lenin's great ideas are being realized] Velikie idei V.I. Lenina pretvoriaiutsia v zhizn'. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 526 p.

SORONBAEV, K., S.CHOLOKOV, and ZH.SHUKUROV. [A draft dictionary of sociopolitical terms] Slovar' obshchestvenno-politicheskikh terminov; proekt. Frunze, Izd-vo AN Kirgizskoi SSR, 1960. 141 p.

SUOMEN KOMMUNISTINEN PUOLUE. 12. edustajakous, Helsinki, 1960. [Twelfth Congress of the Communist Party of Finland, Helsinki, April 15-18, 1960. Translated from the Finnish] XII s"ezd Kommunisticheskoi partii Finliandii; Khel'sinki, 15-18 aprelia 1960 g. Moskva, Gos. izd-vo polit. lit-ry, 1961. 159 p.

SUROV, V.S. [How to prepare and conduct discussions in study groups] Kak podgotovit' i provesti zaniatiia v kruzhke. Moskva, Gos. izd-vo polit. lit-ry, 1961. 61 p. (Bibliotechka propagandista no.3)

TIAGUNENKO, V.L. [Disintegration of the colonial system of imperialism] Krushenie kolonial'noi sistemy imperializma. Moskva, Izd-vo "Znanie," 1961. 48 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser.1 Ekonomika, no.11)

ULBRICHT, WALTER. [Basic problems of the policy of the Socialist Unity Party of Germany; report at the 30th Plenum of the Central Committee of the Socialist Unity Party of Germany. The struggle for peace, for the victory of socialism, for the national renaissance of Germany as a peace-loving State, report at the Congress of the Socialist Unity Party of Germany. Translated from the German] Osnovnye voprosy politiki Sotsialisticheskoi edinoi partii Germanii; doklad na 30 plenume TSentral'nogo Komiteta Sotsialisticheskoi edinoi partii Germanii. Bor'ba za mir, za pobedu sotsializma, za natsional'noe vozrozhdenie Germanii kak miroliubivogo demokraticheskogo gosudarstva, doklad na V s"ezde SEPG. Moskva, Gos. izd-vo polit. lit-ry, 1960. 287 p. (Bibliotechka po nauchnomu sotsializmu, no.57)

ZHDANOVSKAIA, Z.V., and others. [A review of the sources of the history of CPSU] Obzor istochnikov istorii KPSS, kurs lektsii. [Moskva] Izd-vo Mosk. univ., 1961. 559 p.

ZORIN, V.S. [A Soviet man in outer space, outer space and politics] V kosmose sovetskii chelovek, kosmos i politika. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1961. 31 p.

7. LAW

ADZHAR A.S.S.R. Constitution. [Constitution (fundamental law) of the Adzhar Autonomous Soviet Socialist Republic; with amendments adopted by the Supreme Soviet of the Adzhar A.S.S.R. January 5, 1961] Konstitutsiia (osnovnoi zakon) Adzharskoi Avtonomnoi Sovetskoi Sotsialisticheskoi Respubliki. S izmeneniiami i dopolneniiami, priniatymi Verkhovnym Sovetom Adzharskoi ASSR po 5 ianvaria 1961 g. Batumi, Gosizdat Adzharskoi ASSR, 1961. 21 p.

ARMENIAN S.S.R. Constitution. [Constitution (fundamental law) of the Armenian Soviet Socialist Republic, with amendments adopted at the second session of the Fifth Supreme Soviet of the Armenian S.S.R.] Konstitutsiia (osnovnoi zakon) Armianskoi Sovetskoi Sotsialisticheskoi Respubliki. S izmeneniiami i dopolneniiami, priniatymi na vtoroi sessii Verkhovnogo Soveta Armianskoi SSR piatogo sozyva. Erevan, Armianskoe gos. izd-vo, 1960. 28 p.

AZERBAIJAN. Constitution. [Constitution (fundamental law) of the Azerbaijan Soviet Socialist Republics, with amendments adopted at the first, second third and fifth sessions of the Fifth Supreme Soviet of the Azerbaijan S.S.R.] Konstitutsiia (osnovnoi zakon) Azerbaidzhanskoi Sovetskoi Sotsialisticheskoi Respubliki. S izmeneniiami i dopolneniiami, priniatymi na I, II, III i V sessiiakh Verkhovnogo Soveta Azerbaidzhanskoi SSR piatogo sozyva. Baku, Azerbaidzhanskoe gos. izd-vo, 1961. 30 p.

AZERBAIJAN S.S.R. Laws, statutes, etc. [The criminal procedure code of the Azerbaijan S.S.R.] Ugolovno-protsessual'nyi kodeks Azerbaidzhanskoi Sovetskoi Sotsialisticheskoi Respubliki. Baku, Izdanie Verkhovnogo Soveta Azerbaidzhanskoi SSR, 1961. 275 p.

BABAEV, M.M. [Finding a sentence, from a people's judge's notes] Razmyshliaia nad prigovorom, iz zapisok narodnogo suda. [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1960. 23 p.

BELKIN, R.S. [Nature of the experimental method of investigation in Soviet criminal procedure and criminal law] Sushchnost' eksperimental'nogo metoda issledovaniia v sovetskom ugolovnom protsesse i kriminalistike. Moskva, Vysshaia shkola MVD RSFSR, 1961. 100 p.

CHECHEN-INGUSH A.S.S.R. Constitution. [Constitution (fundamental law) of the Chechen-Ingush Autonomous Soviet Socialist Republic; with amendments adopted at the first, third, sixth, and seventh session of the Second Supreme Soviet of the Chechen-Ingush A.S.S.R., April 16, 1958, March 27, 1959, March 11, 1960, and January 24, 1961] Konstitutsiia (osnovnoi zakon) Checheno-Ingushskoi Avtonomnoi Sovetskoi Sotsialisticheskoi Respubliki. S izmeneniiami i dopolneniiami, priniatymi na I, III, VI i VII sessiiakh Verkhovnogo Soveta ChIASSR vtorogo sozyva, 16.IV 1958 g., 27.III 1959 g., 11.III 1960 g. i 24.I 1961 g. [Groznyi] Checheno-Ingushskoe knizhnoe izd-vo, 1961. 22 p.

CHUVASH A.S.S.R. Constitution. [Constitution (fundamental law) of the Chuvash Autonomous Soviet Socialist Republic, with amendments adopted at the third and fourth sessions of the Fifth Supreme Soviet of the Chuvash A.S.S.R.] Konstitutsiia (osnovnoi zakon) Chuvashskoi Avtonomnoi Sovetskoi Sotsialisticheskoi Respubliki. S izmeneniiami i dopolneniiami, prinialymi na III i IV sessiiakh Verkhovnogo Soveta Chuvashskoi ASSR piatogo sozyva. Cheboksary, Chuvashskoe gos. izd-vo, 1961. 27 p.

[COLLECTION OF CIVIL LAW AND PROCEDURAL DOCUMENTS] Sbornik grazhdanskikh i protsessual'nykh dokumentov. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 278 p.

[THE CZECHOSLOVAKIAN SOCIALIST REPUBLIC. Translated from the Czechoslovakian] Chekhoslovatskaia Sotsialisticheskaia Respublika. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 255 p. (Ugolovnoe zakonodatel'stvo zarubezhnykh sotsialisticheskikh gosudarstv)

GEL'FER, M.A., ed. [People's Republic of Albania. Translated from the Albanian] Narodnaia Respublika Albaniia. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 156 p. (Ugolovnoe zakonodatel'stvo zarubezhnykh sotsialisticheskikh gosudarstv)

GEL'FER, M.A., ed. [People's Republic of Bulgaria. Translated from the Bulgarian] Narodnaia Respublika Bolgariia. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 191 p. (Ugolovnoe zakonodatel'stvo zarubezhnykh sotsialisticheskikh gosudarstv)

GENKIN, D.M. [Law of property in the U.S.S.R.] Pravo sobstvennosti v SSSR. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 222 p. (Kurs sovetskogo grazhdanskogo prava)

GFNKIN, D.M., ed. [Soviet civil law] Sovetskoe grazhdanskoe pravo. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 346 p.

GEORGIA (Transcaucasia) Laws, statutes, etc. [Criminal code of the Georgian Soviet Socialist Republic, in force as of March 1, 1961] Ugolovnyi kodeks Gruzinskoi Sovetskoi Sotsialisticheskoi Respubliki, vvoditsia v deistvia s 1 marta 1961 goda. [Tbilisi] Gos. izd-vo "Sabchota Sakartvelo," 1961. 149 p.

GEORGIA (Transcaucasia) Laws, statutes, etc. [Criminal procedure code of the Georgian S.S.R.; in force since March 1, 1961] Ugolovno-protsessual'nyi kodeks Gruzinskoi SSR, vvoditsia v deistvie s 1 marta 1961 g. Tbilisi, Izd-vo TsK KP Gruzii, 1961. 204 p.

KAZANTSEV, N.D. [The subject matter and system of collective-farm law] Predmet i sistema kolkhoznogo prava. [Moskva] Izd-vo Mosk. univ., 1961. 51 p.

KLEINMAN, A.F. [Civil procedure of the European people's democracies] Grazhdanskii protsess evropeiskikh stran narodnoi demokratii. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 227 p.

LAPIROV-SKOBLO, M.IA. [Limitation of actions in the disputes of business organizations over the right of ownership] Iskovaia davnost' po imushchestvennym sporam mezhdu khoziaistvennymi organizatsiiami. Izd.2., dop. i perer. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 112 p.

[LEGAL MANUAL FOR COLLECTIVE FARMERS] Spravochnik po zakonodatel'stvu dlia kolkhoznika. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 413 p.

LENINGRAD, UNIVERSITET. [Problems in collective-farm law] Voprosy kolkhoznogo prava. [Leningrad] 1961. 97 p.

LEPESHKIN, A.I. [Course in Soviet constitutional law] Kurs sovetskogo gosudarstvennogo prava v dvukh tomakh. Moskva, Gos. izd-vo iurid. lit-ry. Vol. 1. 1961. 558 p.

MOSCOW. VSESOIUZNYI INSTITUT IURIDICHESKIKH NAUK. [Theoretical and practical commentaries on the basic principles of the judicial system of the U.S.S.R. and the Union and Autonomous Republics] Nauchno-prakticheskii kommentarii k osnovam zakonodatel'stva o sudoustroistve Soiuza SSR, soiuznykh i avtonomnykh respublik. Pod obshchei red. IU.A. Kalenova. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 86 p.

MOSCOW. VSESOIUZNYI IURIDICHESKII ZAOCHNYI INSTITUT. [Collection of problems in Soviet civil procedure law] Sbornik zadach po sovetskomu grazhdanskomu protsessual'nomu pravu. Moskva, 1960. 31 p.

PASHKEVICH, P.F. [Objective truth in criminal procedure] Ob"ektivnaia istina v ugolovnom sudoproizvodstve. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 168 p.

[PRACTICAL MANUAL FOR COMRADES' COURTS] Prakticheskoe posobie dlia tovarishcheskikh sudov. [Moskva] Gos. izd-vo iurid. lit-ry, 1961. 246 p.

RUSSIA (1923- U.S.S.R.) Constitution. [Constitution (fundamental law) of the Union of Soviet Socialist Republics, with amendments adopted at the sixth session of the Fifth Supreme Soviet of the U.S.S.R.] Konstitutsiia (osnovnoi zakon) Soiuza Sovetskikh Sotsialisticheskikh Respublik. S izmeneniiami i dopolneniiami, prinialymi na shestoi sessii Verkhovnogo Soveta SSSR piatogo sozyva. Moskva, Izd-vo "Izvestiia Sovetov deputatov trudiashchikhsia SSSR," 1961. 31 p.

RUSSIA (1923- U.S.S.R.) Prokuratura. Metodicheskii sovet. [Theoretical and practical commentaries on the law on the criminal responsibility for military offenses] Nauchno-prakticheskii kommentarii k zakonu ob ugolovnoi otvetstvennosti za voinskie prestupleniia. Pod red. i s predisl. A.G. Gornogo. Izd.2. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 109 p.

RUSSIA (1923- U.S.S.R.) Verkhovnyi sud. Plenum. [Collection of decisions of the Plenum of the Supreme Court of the U.S.S.R., 1958-1960] Sbornik deistvuiushchikh postanovlenii Plenuma Verkhovnogo Suda SSSR, 1958-1960 gg. Pod red. N.K. Morozova, 1961. 66 p.

STRUCHKOV, N.A. [Release on parole] Uslovno-dosrochnoe osvobozhdenie ot nakazaniia. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 45 p.

TATAR A.S.S.R. Constitution. [Constitution (fundamental law) of the Tatar Autonomous Soviet Socialist Republic, with amendments adopted at the first, third, and fifth sessions of the Fifth Supreme Soviet of the Tatar A.S.S.R.] Konstitutsiia (osnovnoi zakon) Tatarskoi Avtonomnoi Sovetskoi Sotsialisticheskoi Respubliki. S izmeneniiami i dopolneniiami, prinialymi na I, III, V sessiiakh Verkhovnogo Soveta Tatarskoi ASSR piatogo sozyva. Kazan', Tatarskoe knizhnoe izd-vo, 1961. 25 p.

TISHKEVICH, L.S. [Self-defense against criminal offenses] Zashchita ot prestupnykh posiagatel'stv. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 68 p.

UKRAINE. Constitution. [Constitution (fundamental law) of the Ukrainian Soviet Socialist Republic; with amendments adopted at the fourth session of the Fifth Supreme Soviet of the Ukrainian S.S.R.] Konstitutsiia (osnovnoi zakon) Ukrainskoi Sovetskoi Sotsialisticheskoi Respubliki, s izmeneniiami i dopolneniiami, prinialymi na IV sessii Verkhovnogo Soveta Ukrainskoi SSR piatogo sozyva. Kiev, Izd. Verkhovnogo Soveta Ukrainskoi SSR, 1961. 20 p.

UKRAINE. Laws, statutes, etc. [The criminal code of the Ukrainian S.S.R.] Kryminal'nyi kodeks Ukrains'koi RSR. Kyiv, Derzh. vyd-vo polit. lit-ry, URSR, 1961. 131 p.

WHITE RUSSIA. Laws, statutes, etc. [The criminal procedure code of the White Russian S.S.R.] Kryminal'na-pratsesual'ny kodeks Belaruskai SSR, na belaruskai i ruskai movakh. Minsk, Dziarzh. vyd-va BSSR. Red. navukova-tekhn. lit-ry, 1961. 364 p. [Texts in White Russian and Russian.]

8. EDUCATION

ADUEVSKII, V.V. [Accounts of athletes of people's China] Ocherki o sportsmenakh narodnogo Kitaia. [Moskva] Izd-vo "Sovetskaia Rossiia," 1960. 70 p.

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. [Index to the "Izvestiia" of the Academy of Pedagogical Sciences of the R.S.F.S.R.] Ukazatel' k "Izvestiiam Akademii pedagogicheskikh nauk RSFSR," 1955-1959. Moskva, 1961. 47 p.

ANDREEV, V.I. [School education among the Buryats in the second half of the 19th century] Shkol'noe obrazovanie u buriat vo vtoroi polovine XIX veka. Irkutsk, Irkutskii obl. in-t usovershenstvovaniia uchitelei, [1958] 135 p.

FILATOV, I.I., and IU.S. KARNAUKHOV. [Gorodki, a manual for sports groups in physical-culture organizations] Gorodki; uchebnoe posobie dlia sportivnykh sektsii kollektivov fizicheskoi kul'tury. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1960. 144 p.

GONCHAROV, N.K., ed. [Doctoral dissertations in the pedagogical sciences; bibliographic index] Doktorskie dissertatsii po pedagogicheskim naukam, bibliograficheskii ukazatel', Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 178 p.

GONCHAROV, N.K. [Problems of pedagogics] Voprosy pedagogiki. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1960. 374 p.

GRITCHENKO, N.V. [Guarantee of health and long life] Zalog zdorov'ia i dolgoletiia. Moskva, Izd-vo "Znanie," 1961. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 10, Molodezhnaia, no. 9)

IAKOVLEV, V.A. [Training students in production work] Vospitanie uchashchikhsia v proizvodstvennom trude. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 206 p.

IAKOVLEV, V.G. [Grow up a sportsman!] Rasti fiskul'turnikom. Izd. 2. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 158 p.

KISELEV, N.S., I.M. MEL'NIKOV, and P.F. MIKHALEV. [All roads lead to Rome] Dorogi vedut v Rim. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 254 p.

KRUPSKAIA, N.K. [Education without interrupting work] Voprosy obucheniia bez otryva ot proizvodstva, sbornik statei i rechei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 251 p.

MOSCOW. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT FIZKHESKOI KUL'TURY. [Physical training for older persons, a manual for group activities] Fizicheskaia kul'tura dlia lits starshego vozrasta, uchebnoe posobie dlia gruppovykh zaniatii. Moskva, 1961. 115 p.

MOSCOW. UNIVERSITET. [Handbook for students registering with the Moscow State University] Spravochnik dlia postupaiushchikh v MGU. Pod red. K.I. Ivanova. [Moskva] 1961. 173 p.

MOSCOW. VYSTAVKA DOSTIZHENII NARODNOGO KHOZIAISTVA SSSR. [Karaganda technical institute] Karagandinskii politekhnicheskii institut. [Alma-Ata] M-vo vysshego i srednego spetsial'nogo obrazovaniia Kazakhskoi SSR, 1961. [36] p. illus.

MOSTOVOI, A.T., and P.E. KHALDEI. [Social and political training of children in schools] Obshchestvenno-politicheskoe vospitanie detei v shkole. Moskva, Izd-vo "Znanie," 1961. 46 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. II, Pedagogika, no. 9)

RUSSIA (1917- R.S.F.S.R.) Upravlenie po doshkol'nomu vospitaniiu. [Kindergarten; a book for supervisors of kindergartens] Detskii sad; kniga dlia zaveduiushchikh detskimi sadami. Izd. 2. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 324 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. [Admission rules and examination requirements for entrance to the secondary specialized schools of the U.S.S.R. in 1961] Pravila priema i programmy pri"emnykh ekzamenov dlia postupaiushchikh v srednie spetsial'nye uchebnye zavedeniia SSSR na 1961 god. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 47 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. [Handbook for students entering secondary specialized schools of the U.S.S.R. (technical schools) in 1961] Spravochnik dlia postupaiushchikh v srednie spetsial'nye uchebnye zavedeniia SSSR (tekhnikumy, uchilishcha, shkoly) v 1961 g. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 336 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. [Handbook for students entering the institutions of higher learning of the U.S.S.R. in 1961] Spravochnik dlia postupaiushchikh v vysshie uchebnye zavedeniia SSSR v 1961 g. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 299 p.

RUSSIA (1923- U.S.S.R.) TSentral'noe statisticheskoe upravlenie. [Higher education in the U.S.S.R.; statistical collection] Vysshee obrazovanie v SSSR; statisticheskii sbornik. Moskva, Gosstatizdat TsSU SSSR, 1961. 254 p.

S"EZD UCHITELEI UKRAINSKOI SSR, 1959. [Materials of the Congress of teachers of the Ukrainian S.S.R.] Materialy. Kiev, Gos. uchebno-pedagog. izd-vo "Radians'ka shkola," 1960. 318 p.

SHABAEVA, M.F., ed. [Schools of people's democracies at the present stage] Shkola stran narodnoi demokratii na sovremennom etape. Moskva, Izd-vo "Znanie," 1961. 44 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. II, Pedagogika, no. 7)

SHLEMIN, A.M. [Callisthenics in sports] Sportivnaia gimnastika. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1961. 210 p.

[TO THE UNIVERSITIES OF CULTURE articles and materials] Universitetam kul'tury, stat'i i materialy. Leningrad, Gos. izd-vo "Iskusstvo," 1960. 161 p.

[SENTRAL'NAIA STANTSIIA IUNYKH TEKHNIKOV, Moscow. [Chinese chess] Kitaiskie shakhmaty. [Moskva] Izd-vo "Detskii mir," 1961. 1 fold. l. (Prilozhenie k zhurnalu "IUnyi tekhnik," no. 14(101))

VASIL'EV, V.S. [Teaching young children how to swim] Obuchenie malen'kikh deteĭ plavaniiu. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1961. 68 p.

[WHERE TO STUDY, handbook for students entering secondary specialized schools (technical schools) of Moscow and Moscow Province in 1961] Kuda poiti uchit'sia, spravochnik dlia postupaiushchikh v srednie spetsial'nye uchebnye zavedeniia (tekhnikumy, uchilishcha, shkoly) Moskvy i Moskovskoĭ oblasti v 1961 godu [Moskva] Izd-vo "Moskovskaia pravda" Vol. 15 1961. 127 p.

9. MUSIC, THEATER & MOTION PICTURES

AKADEMIIA NAUK SSSR, Institut istorii iskusstv. [Bibliography of Russian works on music published in newspapers and magazines during the 19th century] Muzykal'naia bibliografiia russkoĭ periodicheskoĭ pechati XIX veka. Sost. T. Livanova. Moskva, Gos. muzykal'noe izd-vo.
No. 1. 1960. 183 p.

BERSHADSKAIA, T.S. [Basic compositional principles of the multivoiced folk song of Russian peasants] Osnovnye kompozitsionnye zakonomernosti mnogogolosiia russkoĭ narodnoĭ krest'ianskoĭ pesni. Pod red. Kh.S. Kushnareva. Leningrad, Gos. muzykal'noe izd-vo, 1961. 155 p.

BOGDANOV-BEREZOVSKII, V.M. [Articles on music] Stat'i o muzyke. Leningrad, Sovetskii kompozitor, 1960. 237 p.

[DANCES; Usman pereplias, "Prove it" (a Kama quadrille)] Tantsy, Usmanskii pereplias, "Dokazyvai" (prikamskaia kadrelka). Moskva, "Sovetskaia Rossiia." (Bibliotechka khudozhestvennaia samodeiatel'nosti, no. 10)
No. 1 1961. 139 p.

DONETS, Z.I. [Fiftieth anniversary of the North Kazakhstan Provincial Theater] Severo-Kazakhstanskomu oblastnomu teatru dramy 50 let. Petropavlovsk, 1959. 151 p.

DRAK, A.M. [Theatrical decoration in the Ukraine, a brief sketch] Ukrains'ke teatral'no-dekoratsiine mystetstvo, korotkyi narys. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoĭ lit-ry URSR, 1961. 63 p. illus.

ERZAKOVICH, B.G. Konen Azerbaev. Moskva, Sovetskii kompozitor, 1961. 59 p. (Narodnye pevtsy i muzykanty)

[THE FIRST HOLIDAY OF SONG AND DANCE IN MOLDAVIA] Pervyi prazdnik pesni i tantsa Moldavii. Kishinev, "Kartia moldoveniaske," 1961. 1 v. illus.

GALATSKAIA, V.S. [Händel] Gendel'. Moskva, Gos. muzykal'noe izd-vo, 1960. 78 p. (Bibliotechka liubitelia muzyki)

[HIS CONTEMPORARIES WRITE ABOUT KOMITAS, a collection of reminiscences] Sovremenniki o Komitase; sbornik vospominanii. Erevan, Armianskoe gos. izd-vo, 1960. 338 p. [In Armenian.]

KRIUCHKOV, N.A. [The art of accompaniment as a subject of instruction] Iskusstvo akkompanementa kak predmet obucheniia. Leningrad, Gos. muzykal'noe 70 p. (V pomoshch' pedagogu-muzykantu)

OGOLEVETS, A.S. [Word and music in vocal and dramatical genres] Slovo i muzyka v vokal'no-dramaticheskikh zhanrakh. Moskva, Gos. muzykal'noe izd-vo, 1960. 520 p.

OKHLIAKOVSKAIA, O.G., A.A. RACHKOVA, and N.V. TALANKINA. [Repertoire for mixed choruses, a bibliography] Repertuar dlia smeshannogo khora, ukazatel'. Leningrad, Publichnaia biblioteka, 1960. 91 p.

PODGORNYI, T.F. [From the notes of a master workman] Iz zapisok mastera. Pod red. I.M. IAmpol'skogo. Moskva, Gos. muzykal'noe izd-vo, 1960. 81 p.

POZHARSKAIA, M.N. N.N. Medovshchikov. Leningrad, Khudozhnik RSFSR, 1960. 15 p. illus. (Teatral'nye khudozhniki RSFSR)

RAABEN, L.N. [Problems in quartet performance] Voprosy kvartetnogo ispolnitel'stva. Izd. 2. Moskva, Gos. muzykal'noe izd-vo, 1960. 106 p. (V pomoshch' pedagogu-muzykantu)

[REFERENCE MANUAL OF THE UNION OF COMPOSERS OF THE U.S.S.R. FOR 1960] Spravochnik Soiuza kompozitorov SSSR na 1960 god. Moskva, Sovetskii kompozitor, 1960. 226 p.

REMEZOV, I.I. [Cantatas and oratorios by Shaporin] Kantaty i oratorii Shaporina. Moskva, Gos. muzykal'noe izd-vo, 1960. 63 p. (Biblioteka slushatelia kontsertov)

SOKHOR, A.N. ["Hymn of democratic youth" by A.G. Novikov] "Gimn demokraticheskoĭ molodezhi" A.G. Novikova. Moskva, Sovetskii kompozitor, 1960. 15 p. (V pomoshch' slushateliam narodnykh universitetov kul'tury. Besedy o muzyke)

SOKHOR, A.N. [The "International" and its authors] "Internatsional" i ego avtory. Moskva, Sovetskii kompozitor, 1960. 22 p. (V pomoshch' slushateliam narodnykh universitetov kul'tury: Besedy o muzyke)

SOLOVTSOV, A.A. [Book about Russian opera] Kniga o russkoĭ opere. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1960. 220 p.

SOSIN, A.I., and M.P. LOBODIN. [People who bounce like balls, 55 years in the circus ring] Liudi-miachiki, 55 let na arene tsirka. Leningrad, Gos. izd-vo "Iskusstvo," 1960. 171 p.

TAGIROV, GAĬ. [Tatar dances] Tatarskie tantsy. Pod red. IU.V. Vinogradova. Kazan', Tatarskoe knizhnoe izd-vo, 1960. 220 p. [Parallel texts in Russian and Tatar.]

ZAHAIKEVYCH, M.P. [Musical life of Western Ukraine during the second half of the 19th century] Muzychne zhyttia Zakhidnoi Ukrainy druhoi polovyny XIX st. Kyiv, Vyd-vo Akad. nauk URSR, 1960. 189 p.

ZAPOROZHETS, N. [B.N. Liatoshynskyi] B.N. Liatoshinskii. Moskva, Sovetskii kompozitor, 1960. 173 p.

ZOSIMOVSKII, V.A. [Bibliographical manual on choreography, with annotations] Bibliograficheskii spravochnik po khoreografii, s annotatsiiami. [Moskva] Izd-vo VTsSPS Profizdat, 1959. 94 p.

10. FINE ARTS

AKADEMIIA NAUK SSSR, Institut istorii iskusstv. [Problems in aesthetics] Voprosy estetiki. Moskva, Gos. izd-vo "Iskusstvo."
No. 4. [Art and communist education] Iskusstvo i kommunisticheskoe vospitanie. 1960. 182 p.

AKADEMIIA NAUK UKRAINS'KOI RSR, Instytut mystetstvoznavstva, fol'kloru ta etnografii. [Portraits of Ukrainian kobzars by O. Slastion] Portrety ukrains'kykh kobzariv O. Slastiona. Vstupna stattia, prymitky i komentari IU. Turchenka. Kyiv, 1961. 61 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR, Institut teorii i istorii arkhitektury i stroitel'noĭ tekhniki. [Architecture and building techniques] Arkhitektura i stroitel'naia tekhnika. Pod red. N.P. Bylinkina i dr. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 264 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR, Institut teorii i istorii arkhitektury i stroitel'noĭ tekhniki. [Methods of restoring architectural monuments; a textbook for architects and restorers] Metodika restavratsii pamiatnikov arkhitektury; posobie dlia arkhitektorov-restavratorov, Moskva, 1961. 215 p.

ANCHEEV, V.M., S.S. KOZHURIN, and A.N. KORCHUGANOV. [Manual for the individual builder in the North] Spravochnik individual'nogo zastroishchika-severa. Petrozavodsk, Gos. izd-vo Karel'skoĭ ASSR, 1960. 223 p.

BRILING, R.S., and others. [Course on architectural drawing] Kurs inzhenerno-stroitel'nogo cherchenila. Pod red. R.S. Brilinga. Khar'kov, Izd-vo Khar'kovskogo gos. univ. im. A.M. Gor'kogo, 1960. 241 p.

BUBNOVA, L.S. Nikolai Mikhailovich Chernyshev. Moskva, Izd-vo Sovetskii khudozhnik, 1960. 88 p.

FEDOROV, M.V., and IU.I. KOROEV. [Three-dimensional composition in planning and nature] Ob"emno-prostranstvennaia kompozitsiia v proekte i v nature. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 131 p.

FERSMAN, A.E. [The story of gems] Rasskazy o samotsvetakh. Moskva, Izd-vo Akad. nauk SSSR, 1961. 261 p.

GABIBOV, N., and others. [Accounts of the fine arts in Soviet Azerbaijan, painting, sculpture, and drawings] Ocherki izobrazitel'nogo iskusstva Sovetskogo Azerbaidzhana, zhivopis', skul'ptura, grafika. Baku, Izd-vo Akad. nauk Azerbaidzhanskoĭ SSR, 1960. 144 p. illus.

GLOBACHEVA, S.I. Leonard Viktorovich Turzhanskii. Leningrad, Khudozhnik RSFSR, 1960. 93 p.

KARAEV, MUKASH. [Kirghiz terminological dictionary on drawing and mechanical drawing] Kirgizskii terminologicheskii slovar' po risovaniiu i chercheniiu. Frunze, Izd-vo AN Kirgizskoĭ SSR, 1961. 87 p.

KAZARINOVA, V.I., and V.I. PAVLICHENKOV. Magnitogorsk. Pod red. G.B. Minervina. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 246 p. (Opyt sovetskoĭ arkhitektury)

LAZAREV, V.N. [Mosaics of the Sofia Cathedral in Kiev] Mozaiki Sofii Kievskoĭ. Moskva, Gos. izd-vo "Iskusstvo," 1960. 211 p.

[MINIATURES OF "BABUR NAMAH"] Miniatiury rukopisi "Babur' Name." Moskva, Gos. izd-vo izobraz. iskus., 1960. 111 p. [Parallel texts in Russian and English.]

[PAINTING; a collection of articles] O zhivopisi, sbornik statei. Moskva, Izd-vo Akad. khudozh. SSSR, 1959. 165 p.

RUSSIA (1923- U.S.S.R.) TSentral'nyi gosudarstvennyi arkhiv literatury i iskusstva SSSR. [Central State Archives of Literature and Art of the U.S.S.R. A guidebook, art] Putevoditel', iskusstvo. Moskva, 1959. 444 p.

[SOVIET YOUTH IN THE FINE ARTS] Sovetskaia molodezh' v proizvedeniiakh izobrazitel'nogo iskusstva. Moskva, Sovetskii khudozhnik, 1961. 267 p. illus. [Parallel texts in Russian, German, English and French.]

11. LANGUAGE, LITERATURE & FOLKLORE

AIBEK, pseud. [Al-Nawā'ī. Translated from the Uzbek] Navoi. Moskva, Izd-vo "Izvestiia," 1961. 476 p. (Biblioteka istoricheskikh romanov narodov SSSR)

AKADEMIIA NAUK ARMIANSKOI SSR, Institut literatury. [Armenian folk songs of a wanderer] Armianskie narodnye pesni strannika. Podgotovka teksta, predisl. i kommentarii Manik Mkrtchian. Erevan, 1961. 322 p.

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku, Institut literatury i iazyka. [Grammar of the Azerbaijani language] Grammatika azerbaidzhanskogo iazyka. Baku. [In Azerbaijani.]
Pt. 1. [Morphology] Morfologiia. 1960. 334 p.

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku, Institut literatury i iazyka. [Problems of the dialectology of the Turkic languages] Voprosy dialektologii tiurkskikh iazykov. Baku.
Vol. 2. 1960. 233 p.

AKADEMIIA NAUK SSSR, Institut russkogo iazyka. [Dictionary of the modern Russian literary language] Slovar' sovremennogo russkogo literaturnogo iazyka. Moskva.
Vol. II. Pra-piat'iu. 1961. 1842 columns.

AKADEMIIA NAUK SSSR. Institut russkoi literatury. [Problems of realism in Russian literature of the 18th century] Problemy realizma russkoi literatury XIX veka. Moskva, 1961. 409 p.

AKADEMIIA NAUK SSSR. Institut slavianovedeniia. [J. I. Baudouin de Courtenay, on the 30th anniversary of his death] I. A. Boduen de Kurtene, k 30-letiiu so dnia smerti. Moskva, 1960. 116 p.

AKADEMIIA NAUK SSSR. Komi filial, Syktyvkar. [Comparative dictionary of the Komi-Zyrian dialects] Sravnitel'nyi slovar' komi-zyrianskikh dialektov; okolo 25000 slov. Syktyvkar, Komi knizhnoe izd-vo, 1961. 489 p.

AKADEMIIA NAUK SSSR. Sovetskii komitet slavistov. [Studies on Slavic literature and folklore, reports made by Soviet scholars at the Fourth International Congress of Slavic Scholars] Issledovaniia po slavianskomu literaturovedeniiu i fol'kloristike, doklady sovetskikh uchenykh na IV Mezhdunarodnom s"ezde slavistov. Moskva, Izd-vo Akad. nauk SSSR, 1960. 339 p.

AKADEMIIA NAUK URSR, Kiev, Instytut suspil'nykh nauk. [Polish-Ukrainian dictionary in two volumes] Pol'sko-ukrains'kyi slovnyk u dvokh tomakh. Red. kol. A. I. Hens'orus'kyi i dr. Kyiv.
Vol. 2, pt. 2. S-Z. 1960. 608 p.

AKADEMIIA NAUK UZBEKSKOI SSR, Tashkent, Institut iazyka i literatury. [Uzbek folk tales in two volumes] Uzbekskie narodnye skazki v dvukh tomakh. Tashkent, Gos. izd-vo khudozh. lit-ry Uzbekskoi SSR. [In Uzbek.]
Vol. 1. 1960. 600 p.

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow, Institut obshchego i politekhnicheskogo obrazovaniia. [Teaching literature in eight-year schools according to the new program] O prepodavanii literatury v vos'miletnei shkole po novoi programme. Pod red. N. I. Kudriasheva. Moskva, 1961. 117 p. (Pedagogicheskaia biblioteka uchitelia)

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow, Institut obshchego i politekhnicheskogo obrazovaniia. [The teaching of foreign languages in the eight-year school according to the new programs] O predpodavanii inostrannykh iazykov v vos'miletnei shkole po novym programmam. Pod red. A. A. Mikolubova. Moskva, 1961. 126 p.

AKHMATOVA, A. A. [Verse, 1909-1960] Stikhotvoreniia, 1909-1960. Red. kol. V. M. Inber i dr. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 318 p. (Biblioteka sovetskoi poezii)

ALENT'IEV, O. O. [Mikhail Vasil'ovich Lomonosov, on the 250th anniversary of his birth] Mykhailo Vasil'ovych Lomonosov; do 250-richchia z dnia narodzhennia. Kyiv, 1961. 41 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 6, no. 3)

[AND ME IN A GREAT FAMILY...; works by Soviet Ukrainian dramatists devoted to the life and work of T. N. Shevchenko] I mene v sem'i velykii..., tvory ukrains'kykh radians'kykh dramaturgiv, prysviachenі zhyttiu i diiatel'nosti T. H. Shevchenka. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1961. 569 p.

ANDIEVS'KA, EMMA. [Birth of the idol] Narodzhennia idola. New York, Slovo, 1958. 41 p.

ANDREEV-KRIVICH, S. A. [Mikhail Lomonosov, peasant's son; a tale] Krest'ianskii syn Mikhailo Lomonosov; povest'. Moskva, Gos. izd-vo detskoi lit-ry M-va prosv. RSFSR, 1960. 126 p. (Shkol'naia biblioteka)

ANTIPOV, M. N., and N. E. SAPRYKIN. [Leaders of good deeds] Zapovaly dobrykh del. [Moskva] Mosk. rabochii, 1961. 114 p.

ANTOSHINA, V. P., and M. N. PTITSYNA. [Collection of articles for analysis in grades 6-8 of the schools for working and rural youth] Sbornik statei dlia razbora v V-VII klassakh shkol rabochei i sel'skoi molodezhi. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 342 p.

ASEEV, N. N. [Who needs poetry and why] Zachem i komu nuzhna poeziia. Moskva, Sovetskii pisatel', 1961. 314 p.

BEGIAN, S. D. [Lenin's "Pravda" in the Urals, 1912-1914] Leninskaia "Pravda" na Urale, 1912-1914 gody. [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1960. 93 p.

BEK, A. A. [General Panfilov's reserves; a tale] Rezerv generala Panfilova; povest'. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 126 p. (Roman-gazeta, no. 11(239))

BELINKOV, A. V. [Urii Tynianov. Moskva, Sovetskii pisatel', 1960. 434 p.

BEZPAL'KO, O. P. [Sketches of the historical syntax of the Ukrainian language] Narysy z istorychnoho syntaksysu ukrains'koi movy, posibnyk dlia fakul'tetiv movy i literatury pedagogichnykh instytutiv. Kyiv, Derzh. uchbovo-pedagog. vyd-vo "Radians'ka shkola," 1960. 231 p.

BIRZE, M. [And a river flows under ice...] Shi sub giatse ryul kurzhe... Traduchere de E. David. Kishinău, Editura de stat "Kartia moldoveniaske," 1961. 122 p. [In Moldavian.]

BLOK, A. A. [Verse] Stikhotvoreniia i poemy. Leningrad, Sovetskii pisatel', (Biblioteka poeta, osnovana M. Gor'kim. Malaia seriia. Izd. 3.)
Vol. 1. 1961. 578 p.
Vol. 2. 1961. 488 p.

BORODIN, S. P. [Dmitrii of the Don] Dmitrii Donskoi. Moskva, Izd-vo "Izvestiia," 1961. 474 p. (Biblioteka istoricheskikh romanov narodov SSSR)

BRODOV, V. SH. [Alarm] Perepolokh. [Murmansk] Murmanskoe knizhnoe izd-vo, 1959. 125 p.

BUKOV, EM. [My country, a poem] TSara mia, poeme. Kishinău, Editura de stat "Kartia moldoveniaske," 1961. 167 p. [In Moldavian.]

CHIKOBAVA, ARN. [The ergative construction in the Iberian-Caucasian languages] Problema ergativnoi konstruktsii v iberiisko-kavkazskikh iazykakh. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR. [In Georgian with summary in Russian.]
Vol. 2. [The nature of the ergative construction] Teorii sushchnosti ergativnoi konstruktsii. 1961. 169 p.

D'IAKONOVA, N. [John Galsworthy, 1867-1933] Dzhon Golsuorsi, 1867-1933. Leningrad, Gos. izd-vo "Iskusstvo," 1960. 131 p. (Klassiki zarubezhnoi dramaturgii, nauchno-populiarnye ocherki)

DREMOV, A. K. [Artistic image] Khudozhestvennyi obraz. Moskva, Sovetskii pisatel', 1961. 404 p.

[G. I. USPENSKII IN RUSSIAN CRITICISM] G. I. Uspenskii v russkoi kritike. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 523 p.

GILIAREVSKII, R. S., and V. S. GRIVNIN. [Distinguishing the written languages of the world] Opredelitel' iazykov mira po pis'mennostiam. Izd. 2., ispr. Moskva, Izd-vo vostochnoi lit-ry, 1961. 301 p.

GOLOVINSKII, V. S. [Forest song] Lesnaia pesnia. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 270 p.

[GOR'KII IN FOREIGN LITERATURE] Gor'kii i zarubezhnaia literatura. Moskva, Izd-vo Akad. nauk SSSR, 1961. 274 p.

GRABAR'-PASSEK, M. E., and V. M. KIRZNER. [Grammar of the German language] Spravochnik po grammatike nemetskogo iazyka. Izd. 2., ispr. Moskva, Izd-vo lit-ry na inostr. iazykakh, 1961. 212 p.

GRIGORENKO, P. V., V. G. KOSHAEVA, and E. G. SHAVERDIAN. [Textbook of the Russian language for foreign students in schools of
posobie po russkomu iazyku dlia
tsev, obuchaiushchikhsia v medit
Moskva, Pervyi mosk. med in-t

GROMOV, P. P. [The hero and the t
literature and the theater] Geroi
literatury i teatre. Leningrad, S
1961. 577 p.

GURAL'NIK, U. A. [Laughter is a
Soviet satire and humorous liter
Smekh - oruzhie sil'nykh; sovets
liumoristicheskaia literatura seg
Izd-vo "Znanie," 1961. 46 p. (
stvo po rasprostraneniiu politic
znanii. Ser. 6, Literatura i isku

HONCHAR, O. T. [Man and weapon
oruzhie. [Moskva] Izd-vo TsK
gvardiia," 1960. 330 p.

HSÜ TI-SHAN. [The wondrous lam
lated from the Chinese] Chudesn
russkazy. Moskva, Gos. izd-vo
1961. 237 p.

[HUMOROUS STORIES AND FEUIL
MAGAZINE "KIPERUSH"] Umo
i fel'etony Kiperusha. Kishinev,
TsK KP Moldavii, 1960. 115 p.

IBRAGIMOV, M. A. [Greetings to you, Russia! stories. Translated from the Azerbaijani] Privet tebe, Rossiia, rasskazy. Moskva, Izd-vo "Pravda," 1961. 45 p.

IANNA, ION. [Precious word] Kuvyntul diag, povestir'. Kishinău, Editura de Stat "Kartia moldoveniaske," 1961. 215 p. [In Moldavian.]

KAO YÜN-LAN. [On the other side of the strait, a novel. Translated from the Chinese] Po tu storonu proliva; roman. Moskva, Izd-vo inostr. lit-ry, 1961. 294 p.

KARASAEVA, AISHA. [Kirghiz shorthand] Kyrgyz tilinin stenografiiasy. Red. K. K. Ildakhin. Frunze, Kyrgyz, mamlekettik okuu-pedagogika basmasy, 1960. 705 p. [In Kirghiz]

KATARSKII, I. M. [Dickens, an account of his life and works] Dikkens; kritiko-biograficheskii ocherk. Moskva, Gos. izd-vo khudozh. lit-ry, 1960. 270 p.

KAVERIN, V. A. [Autobiographical stories] Avtobiograficheskie rasskazy. Moskva, Izd-vo "Pravda," 1961. 62 p. (Biblioteka "Ogonek," no 23)

KERIMZHANOVA, B. [Career of a poet] Put' poeta. Frunze, Izd-vo AN Kirgizskoi SSR, 1960. 92 p.

KERIMZHANOVA, B. ["Semetei" and "Seitek"] Semetei i Seitek. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1961. 58 p.

KHACHATURIAN, R. G. [History of Armenian communist newspapers and periodicals in foreign countries] Iz istorii armianskoi zarubezhnoi kommunisticheskoi pechati. Erevan, Izd-vo AN Armianskoi SSR, 1960. 149 p. [In Armenian.]

KOLOMIETS, R. N., and N. I. PAVLOVSKII. [Avenue of happiness, a comedy in ten episodes] Alleia schast'ia; komediia v desiati epizodakh. Moskva, Gos. izd-vo "Iskusstvo," 1961. 87 p. (Repertuar khudozhestvennoi samodeiatel'nosti, no. 7)

[KOMI-RUSSIAN DICTIONARY] Komi-Russkii slovar'. Pod red. V. I. Lytkina. Okolo 25 000 slov. S prilozheniem grammaticheskogo ocherka komi iazyka, sost. V. I. Lytkinym i D. A. Timushevym. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1961. 923 p.

KOROBAN, V., and others. [Moldavian literature, textbook for the 8th grade] Literatura moldoveniaske; manual pentru klasa VIII. Sub. redaktsiia lui V. Koroban. Kishinău, Editura de Stat "Kartia moldoveniaske," 1960. 226 p. [In Moldavian.]

KOROTKOV, N. N., and others. [Chinese language] Kitaiskii iazyk. Pod obshchei red. G. P. Serdiuchenko. Moskva, Izd-vo vostochnoi lit-ry, 1961. 133 p. (Iazyk zarubezhnogo Vostoka i Afriki)

KRYZHANIVS'KYI, S. A. [Socialist realism is the creative method of Soviet literature] Sotsialistychnyi realizm - tvorchyi metod radians'koi literatury. Kyiv [Vyd-vo i kombinat druku "Radians'ka Ukraina"] 1961. 51 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 6, no. 6)

KUDAIBERGENOV, SARYBAI. [Category of possession in the Kirghiz language] Kyrgyz tilindegi taandyk kategoriiasy; tarykhyi grammatikanyn materialdarynan.

LISTVINOV, N.G. [Problems in the style of the Russian language, an aid for newspaper workers] Voprosy stilistiki russkogo iazyka, v pomoshch' gazetnym rabotnikam. Moskva, Izd-vo VPSh i AON pri TsK KPSS.
Pt. 1. 1961. 82 p.

LITVINOV, V.M. [Al. Altaev, an account of her life and work] Al. Altaev, kritiko-biograficheskii ocherk. Moskva, Gos. izd-vo detskoi lit-ry M-va prosv. RSFSR, 1961. (Dom detskoi knigi)

LOGUNOVA, V.V. [Writers and the times, realism and modernism in Japanese literature] Pisateli i vremia, realizm i modernizm v iaponskoi literature. Moskva, Izd-vo vostochnoi lit-ry, 1961. 129 p.

LONDON, JACK. [Collected works in fourteen volumes] Sobranie sochinenii v chetyrnadtsati tomakh. Moskva, Biblioteka "Ogonek," Izd-vo "Pravda."
Vol. 9. 1961. 487 p.
Vol. 10. 1961. 551 p.

LUPAN, ANDREI. [Light; a play] Lumina, p'ese. Kishineu, Editura de Stat "Kartia moldovenieske," 1961. 66 p. [In Moldavian.]

MA FÊNG. [Only ten years..., stories. Translated from the Chinese] Vsego desiat' let..., rasskazy. Moskva, Izd-vo inostr. lit-ry, 1960. 314 p.

MAKOVEL'SKII, A.O. Avesta. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1960. 142 p.

MANAS. [Seitek, the third part of the Manas epic] Seitek; Manas eposunun üchunchu bölügü. Frunze. Kyrgyz Mamlakettik Basmasy.
Book 4. 1960. 264 p. [In Kirghiz.]

METCHENKO, A.I. [Maiakovskii's creative work, 1925-1930] Tvorchestvo Maiakovskogo, 1925-1930 gg. Moskva, Sovetskii pisatel', 1961. 649 p.

MIKLUKHO-MAKLAI, N.D., and others. [Rare and unique Persian and Tajik manuscripts in the collection of the Leningrad Section of the Institute of Oriental Studies of the Academy of Sciences of the U.S.S.R.] Nekotorye redkie i unikal'nye persidskie i tadzhikskie rukopisi v sobranii Leningradskogo otdeleniia Instituta vostokovedeniia AN SSSR. Moskva, Izd-vo vostochnoi lit-ry, 1960. 26 p.

MUKHIN, I.S. [Experiments in using the BESM electronic computer for machine translating] Opyty avtomaticheskogo perevoda na elektronnoi vychislitel'noi mashine BESM. Moskva, Akad. nauk SSSR, 1956. 28 p.
[MICROFILM]

MURATOV, S.N. [Set expressions in Turkic languages] Ustoichivye slovosochetaniia v tiurkskikh iazykakh. Moskva, Izd-vo vostochnoi lit-ry, 1961. 127 p.

NADZHIP, E. [The 16th century dated Turkic manuscript "Sirāj al-qulūb" from the U.S.S.R. Central Archives in Moscow] Datirovannaia tiurkoiazychnaia rukopis' XVI veka "Sirāj al-qulūb" iz TSentral'nogo gosudarstvennogo arkhiva SSSR v Moskve. Moskva, Izd-vo vostochnoi lit-ry, 1960. 10 p.

NAZAREVSKII, A.A. [Literary aspect of the official documents of Muscovite Rus at the beginning of the 17th century] O literaturnoi storone gramot i drugikh dokumentov Moskovskoi Rusi nachala XVII veka. [Kiev] Izd-vo Kievskogo univ., 1961. 77 p.

NESIN, AZIZ. [If I were a woman; humorous stories. Translated from the Turkish] Esli by ia byl zhenshchinoi; iumoristicheskie rasskazy. Pod red. A.S. Lencha. Moskva, Izd-vo vostochnoi lit-ry, 1961. 421 p.

NIEDRE, JĀNIS. [Vernal floods; a novel. Translated from the Latvian] Veshnie vody; roman. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1960. 205 p.

NOVOGRUDSKII, G. [Dick from downtown 12th Street] Dik depe a 12-la de zhos. Din ruseshte de F. Chibotari'. Kishineu, Editura de stat "Kartia moldovenieske," Kishineu, 1961. 246 p. [In Moldavian.]

[OLD CZECH LITERATURE; Exhibit of Monuments of Czech Literature from the 9th to the 20th Century Moscow, October-November 1959] Drevnecheshskaia literatura; Vystavka pamiatnikov cheshskoi pis'mennosti s IX veka do nachala XIX stoletiia, Moskva, oktiabr'-noiabr' 1959. Moskva, M-vo kul'tury SSSR, [n.d.] 67 p. illus.

ONUFRICHUK, FEDIR. [Flora in Shevchenko's poetry] Svit roslyn u tvorakh T. Shevchenka. Peredmova IU. Mulyka-Lutsyka. Yorkton, Naki, avtora, 1961. 52 p.

ORLOVSKAIA, M.N. [Nouns and adjectives in the modern Mongolian language] Imena sushchestvitel'nye i prilagatel'nye v sovremennom mongol'skom iazyke. Moskva, Izd-vo vostochnoi lit-ry, 1961. 113 p.

PASKHINA, A.V. [Methodological planning of phonetics and morphology lessons in the fifth grade of the eight-year schools with instruction in Ukrainian] Metodicheskie razrabotki urokov po fonetike i morfologii v V klasse vos'miletnei shkoly s ukrainskim iazykom obucheniia. Pod nauchn. red. V.I. Masal'skogo. Kiev, Gos. uchebno-pedagog. izd-vo "Radians'ka shkola," 1961. 161 p.

PIROT, ZH.L., comp. [Russian-Dutch dictionary] Russko-gollandskii slovar'. Pod red. S.A. Mironova i A.S. Shil'pa. 37 000 slov. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1961. 1223 p.

[POETRY OF THE PEOPLES OF DAGHESTAN, an anthology in two volumes] Poeziia narodov Dagestana, antologiia v dvukh tomakh. Moskva, Gos. izd-vo khudozh. lit-ry.
Vol. 1. 1960. 405 p.
Vol. 2. 1960. 438 p.

POGODIN, R. [Ant oil, a tale. Translated from the Russian] Remurika de skorush, povestir'. Kishineu, Editura de stat "Kartia moldoveniaske," 1961. 119 p. [In Moldavian.]

POTAPOVA, Z.M. [Neorealism in Italian literature] Neorealizm v ital'ianskoi literature. Moskva, Izd-vo Akad. nauk SSSR, 1961. 226 p.

PRUDNIKOVA, N.S. [Phonetics of the Russian language and accentuation, a practical course with exercises for Hungarian students] Fonetika russkogo iazyka i udareniie; prakticheskii kurs s uprazhneniiami dlia studentov-vengrov. Pod red. L.I. Bazilevicha. Moskva, Gos. izd-vo "Vysshaia shkola," 1960. 327 p.

RAKHILLO, I.S. [Moscow encounters] Moskovskie vstrechi. [Moskva] Mosk. rabochii, 1961. 266 p.

RASTORGUEVA, V.S. [Outline of Tajik dialects] Ocherki po tadzhikskoi dialektologii. Moskva, Izd-vo Akad. nauk SSSR.
No. 4. [South Fergana dialects (Rishtan, Sokh) and dialects of the Ura-Tyube group] IUzhnoferganskie govory (Rishtan, Sokh) i govory ura-tiubinskoi gruppy. 1961. 222 p.

ROGAL', N.M. [At sunrise; a novel] Na voskhode solntsa; roman. Moskva, Sovetskii pisatel', 1960. 609 p.

RUDNEV, A.G. [Syntax of a simple sentence] Sintaksis prostogo predlozhenita. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 189 p.

RUDNITSKII, K.L. [Portraits of playwrights] Portrety dramaturgov. Moskva, Sovetskii pisatel', 1961. 397 p.

SADOVIANU, MIKHAIL. [In Moldova Province; stories. Translated from the Rumanian] V Moldovskoi storone; rasskazy. Moskva, Izd-vo "Pravda," 1961. 45 p. (Biblioteka "Ogonek," no. 26)

SCOTT, Sir WALTER. [Collected works in twenty volumes] Sobranie sochinenii v dvadtsati tomakh. Pod obshchei red. B.G. Reizova, R.M. Samarina, B.B. Tomashevskogo. Moskva, Gos. izd-vo khudozh. lit-ry.
Vol. 3. [The antiquary. Translated from the English] Antikvarii. 1961. 551 p.

SHAROV, ALEKSANDR. [In flight; stories] V polete; rasskazy. Moskva, Izd-vo "Pravda," 1961. 47 p. (Biblioteka "Ogonek," no. 22)

SHEVCHENKO, TARAS. [The bard] Kobzar. Vstupna slattia Maksyma Ryl's'koho. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1961. 606 p.

SHILOVA, N.I. [Cards for exercises in orthography and punctuation in grades 5-8; textbook for the teacher] Kartochki dlia uprazhnenii po orfografii i punktuatsii v V-VIII klassakh; posobie dlia uchitelia. Izd. 2., perer. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 631 p.

SHUDRAVS'KYI, V.IE. [The dramaturgy of T.H. Shevchenko] Dramaturgiia T.H. Shevchenka. Vyd. 2., dop. i vypr. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1961. 116 p.

SINEL'NIKOV, L.I. [At midnight; a play in one act] V polnoch'; p'esa v odnom deistvii. Moskva, Gos. izd-vo "Iskusstvo," 1961. 13 p. (Repertuar khudozhestvennoi samodiatel'nosti, no. 6)

SINEL'NIKOV, L.I. [One day, a play in one act] Odin den', p'esa v odnom deistvii. Moskva, Gos. izd-vo "Iskusstvo," 1961. 23 p. (Repertuar khudozhestvennoi samodiatel'nosti, no. 19)

SOLODAR', TS.S. [Footprints on the ground, a romantic comedy in one act] Sled na zemle, romanticheskaia komediia v odnom deistvii. Muzyka D. Kabalevskogo. Moskva, Gos. izd-vo "Iskusstvo," 1961. 26 p. (Repertuar khudozhestvennoi samodiatel'nosti, no. 9)

STONE, IRVING. [Sailor on horseback, a biography of Jack London. Translated from the English] Moriak v sedle, biografiia Dzheka Londona. Moskva, Izd-vo TsK VLKSM "Molodaia gvardiia," 1960. 399 p. (Zhizn' zamechatel'nykh liudei. Seriia biografii osnovana v 1933 godu M. Gor'kim, no 27(313))

TAGORE, Sir RABINDRANATH. [Setting sail, verse. Translated from the Bengali] Otplytie, stikhi. Moskva, Izd-vo "Pravda," 1961. 31 p. (Biblioteka "Ogonek," no 20)

TARATUTA, E.A. [Ethel Lillian Voynich] Etel' Lillian Voinich. Moskva, Gos. izd-vo khudozh. lit-ry, 1960. 288 p.

[TATAR FOLK TALES] Tatar khalk' masallary. Tashkent, Devlet neflis edebiiat neshriiaty, 1959. 261 p. [In Tatar.]

[THOSE WHO DO NOT WORK BUT EAT; feuilletons, satirical stories, verse] O tekh, kto ne rabotaet, a est, fel'etony, satiricheskie rasskazy, stikhi. Moskva, Gos. izd-vo polit. lit-ry, 1961. 135 p.

TO KHYU. [Verse. Translated from the Vietnamese] Stikhi. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 174 p.

TOLSTOI, L.N. [Complete collected works] Polnoe sobranie sochinenii. Izd. osushchestvliaetsia pod nabliudeniem gos. red. komissii. Moskva, Gos. izd-vo khudozh. lit-ry.
Vol. 67. [Third series. Letters] Serila tret'ia. Pis'ma. 1955. 337 p.

TRONSKII, I.M. [Historical grammar of the Latin language] Istoricheskaia grammatika latinskogo iazyka. Moskva, Izd-vo lit-ry na inostr. iazykakh, 1960. 319 p.

TSYBINA, E.A. [The dramaturgy of Kuo Mo-jo during the period of the war with Japan, 1936-1945] Dramaturgiia Go Mo-zho v period antiiaponskoi voiny, 1936-1945. [Moskva] Izd-vo Mosk. univ., 1961. 142 p.

TURGENEV, I.S. [Collected works in ten volumes] Sobranie sochinenii v desiati tomakh. Moskva, Gos. izd-vo khudozh. lit-ry.
Vol. 2. [Rudin; a Nest of Gentlefolk] Rudin. Dvorianskoe gnezdo. 1961. 240 p.

VERESKAIA, E. [In those years. Translated from the Russian] Un anii choia. Kishineu, Editura de stat 'Kartia moldoveniaske," 1961. 269 p. [In Moldavian.]

VEZHINOV, PAVEL. [Far from shore, a tale. Translated from the Bulgarian] Vdali ot beregov, povest'. Moskva, Gos. izd-vo khudozh. lit-ry, 86 p. (Roman-gazeta, no. 12(240))

VLASOV, F.KH. [Poetry of life] Poeziia zhizni. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 342 p.

VOLKOV, V.V. [Morning on the steppes, a novel] Utro v stepi, roman. Leningrad, Sovetskii pisatel', 1960. 460 p.

[WRITERS OF THE SOVIET UKRAINE, a reference book] Pisateli Sovetskoi Ukrainy; spravochnik. Kiev, "Radians'kyi pys'mennyk," 1960. 578 p. (Dekada ukrains'koi literatury ta mystetstva)

[YOUTHFUL MONGOLIA; stories and tales by Mongolian writers on youth. Translated from the Mongolian] Molodaia Mongoliia, rasskazy i povesti mongol'skikh pisatelei o molodezhi. [Moskva, "Molodaia gvardiia," 1961. 175 p.

ZAHREBEL'NYI, P.A. [Europe, 45; a novel] Evropa, 45; roman. Moskva, Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 442 p.

ZEROV, MYKOLA. [New Ukrainian literature] Nove ukrains'ke pys'menstvo; istorychnyi narys. Munich, In-t lit-ry.
No. 1. 1960. 306 p.

ZHITOVA, V.N. [Recollections about the family of I.S. Turgenev] Vospominaniia o sem'e I.S. Turgeneva. [Tula] Tul'skoe knizhnoe izd-vo, 1961. 174 p.

ZOLOTNITSKII, D. [Shchedrin as a dramatist] Shchedrin - dramaturg. Leningrad, Gos. izd-vo "Iskusstvo," 1961. 210 p.

12. GEOGRAPHY & GEOLOGY

AKADEMIIA NAUK KIRGIZSKOI SSR, Frunze. Otdel geografii. [The Naryn River basin, physicogeographical features] Basseln reki Naryn, fiziko-geograficheskaia kharakteristika. Frunze, 1960. 228 p.

AKADEMIIA NAUK SSSR. Laboratoriia osadochnykh poleznykh iskopaemykh. [Studies on the metallogeny of sedimentary rocks] Ocherki po metallogenii osadochnykh porod. Moskva, 1961. 371 p.

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Institut metodov obucheniia. [Teaching geography in eight-year schools according to the new programs] Prepodavanie geografii v vos'miletnei shkole po novym programmam. Pod red. I.I. Samotoevi. Moskva, 1960. 141 p.

AKIMOV, A.T., and I.A. TIUTIUNOV. [Permanently frozen ground and microrelief in the Pechora coal basin] Mnogoletnemerzlye porody i mikrorel'ef v Pechorskom ugol'nom basseine. Moskva, Izd-vo Akad. nauk SSSR, 1961. 78 p. [MICROFILM]

ASLANOV, G.M., R.M. VAIDOV, and G.I. KONE. [Ancient Mingechaur; Aeneolithic and Bronze Ages] Drevnii Mingechaur, epokha eneolita i bronzy. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1959. 188 p. plates.

BELOTSERKOVSKII, B. V. [In the land of Ivan Susanin] Na rodine Ivana Susanina. [Kostroma] Kostromskoe knizhnoe izd-vo, 1959. 67 p. (Goroda i raiony rodnogo kraia)

BETEKHTIN, A.G. [Course on mineralogy] Kurs mineralogii. Izd. 3., ispr. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1961. 538 p.

BOGDANOV, D.V. [In the tropical regions of the Atlantic Ocean] V tropikakh Atlanticheskogo okeana. Moskva, Izd-vo Akad. nauk SSSR, 1961. 73 p. (Nauchno-populiarnaia serila)

BOL'SHAKOV, A. F. [Moisture conditions of thick Chernozems in Central Russian Upland] Vodnyi rezhim moshchnykh chernozemov Srednerusskoi vozvyshennosti. Moskva, Izd-vo Akad. nauk SSSR, 1961. 198 p.

BULAVKO, A.G. [Effect of the drainage of swamps on the elements of water balance in rivers of the White Russian Polesye] Vliianie osusheniia bolot na elementy vodnogo balansa rek Belorusskogo Poles'ia. Pod red. V.V. Romanova. Moskva, Gidrometeor. izd-vo, 1961. 150 p.

[THE CAUCASIAN RING, an automobile tour] Kavkazskoe kol'tso, avtomobil'nyi marshrut. [Moskva] Izd-vo VTsSPS Profizdat, 1960. 126 p.

CHALYSHEV, V.I. [Stratigraphy and lithology of Permian and Triassic lagoonal and terrestrial deposit in central Pechora] Stratigrafiia i litologiia lagunno-kontinental'nykh otlozhenii permi i triasa Srednei Pechory. Moskva, Izd-vo Akad. nauk SSSR, 1961. 102 p.

[CITY OF OREL; a guidebook] Gorod Orel, putevoditel'. [Orel] Orlovskoe knizhnoe izd-vo, 1960. 30 p. [MICROFILM]

DZHAFAROV, R.D. [Quaternary fauna of Binagady] Chetvertichnaia fauna Binagadov. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1961. 26 p. plates. [Parallel texts in Azerbaijani and Russian with summary in German.]

DZOTSENIDZE, G.S., and N.I. SKHIRTLADZE. [Lithology and paleogeography of the Middle Jurassic coal sediments in western Georgia] Litologiia i paleogeografiia polosy srednelurskikh uglenosnykh otlozhenii Zapadnoi Gruzii. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1961. 110 p.

EGOR'EVA, A.V. [The Baltic Sea] Baltiiskoe more. Moskva, Gos. izd-vo geogr. lit-ry, 1961. 86 p.

[FOR THOSE PREPARING TO TAKE TO THE ROAD] Sobiraiushchemusia v dorogu. Moskva, Izd-vo "Pravda," 1961. 78 p. (Biblioteka "Komsomol'skoi pravdy," no. 6)

GAGEN-TORN, N.I. [Women's costume of the Volga Region peoples; materials for ethnogeny] Zhenskaia odezhda narodov Povolzh'ia; materialy k etnogenezu. Cheboksary, Chuvashskoe gos. izd-vo, 1960. 226 p.

GEOGRAFICHESKOE OBSHCHESTVO AZERBAIDZHANSKOI SSR. [Proceedings of the Geographical Society of the Azerbaijan S.S.R.] Trudy. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1960. 365 p. [In Russian with summaries in Azerbaijani and English.]

GUSEV, O.K. [From the Barguzinskiy Reservation to the Ushkan'i Islands; traveler's notes] Ot Barguzinskogo zapovednika do Ushkan'ikh ostrovov, zapiski puteshestvennika. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1960. 126 p.

[KABARDINO-BALKARIA; guidebook] Kabardino-Balkariia; putevoditel'. Nal'chik, Kabardino-Balkarskoe knizhnoe izd-vo, 1960. 186 p. maps.

KAMANIN, L IU. [First explorers of the Far East] Pershi doslidnyky dalekoho skhodu. Kyiv, Derzh. uchbovo-pedagog. vyd-vo "Radians'ka shkola," 1955. 212 p.

KASIMOVA, R.M. [Anthropological study of skulls from Mingechaur in connection with the study of the ethnogeny of the Azerbaijan people] Antropologicheskoe issledovanie cherepov iz Mingechaura; v sviazi s izucheniem etnogenoza azerbaidzhanskogo naroda. Baku, Izd-vo Akad. nauk Azerbaizhanskoi SSR, 1960. 133 p.

KHANGALOV, M.N. [Collected works] Sobranie sochinenii. Ulan-Ude, Buriatskoe knizhnoe izd-vo Vol. 2. 1959. 442 p

KHARKOV, UNIVERSYTET. [Materials of the Caucasian Expedition under the program of the International Geophysical Year] Materialy Kavkazskoi ekspeditsii; po programme Mezhdunarodnogo geofizicheskogo goda. Khar'kov Vol. 1. 1960. 363 p.

[KISHINEV, a guidebook] Kishinev; putevoditel'. Kishinev, Izd-vo "Shtiintsa," 1961. 107 p.

KITAEVA, G.V., and K.A. IVANOV. [Moscow - Astrakhan; a guidebook] Moskva - Astrakhan'; putevoditel'. [Moskva] Izd-vo VTsSPS Profizdat, 1961. 101 p.

KLIMENTOV, P.P. [Methodology of hydrogeological investigations] Metodika gidrogeologicheskikh issledovanii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1961. 389 p.

KLUBOVA, T.T. [Lithological and mineralogical characteristics of Cretaceous clays in the West Siberian Plain, based on material from Berezovo, Omsk, and Khanty-Mansiysk key wells] Litologo-mineralogicheskaia kharakteristika melovykh glin Zapadno-Sibirskoi nizmennosti, po materialam Berezovskoi, Omskoi i Khanty-Mansiiskoi opornykh skvazhin. Moskva, Izd-vo Akad. nauk SSSR, 1961. 73 p.

KUZNETSOV, S.S. [Geology of the U.S.S.R.] Geologiia SSSR. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1960. 354 p.

LEONT'EV, V.V. [On the Chukchi Sea] V Chukotskom more. [Magadan] Magadanskoe knizhnoe izd-vo, 1961. 60 p.

LEVIN, M.G. [On the problem of Tungus' ethnogeny] K probleme etnogeneza tungusov. Moskva, Izd-vo vostochnoi lit-ry, 1960. 9 p.

LOGVIN, G.N. Kiev. Moskva, Gos. izd-vo "Iskusstvo," 1960. 277 p.

LUKASHEV, K.I. [Man is served by geochemistry] Geokhimiia sluzhit cheloveku. Minsk, 1961. 46 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Belorusskoi SSR, no. 8/9)

MOSKOVSKAIA GORODSKAIA SPRAVOCHNO-INFORMATSIONNAIA KONTORA "MOSGORSPRAVKA," Moscow. [Streets of Greater Moscow; a guide. As of February 10, 1961] Ulitsy Bol'shoi Moskvy; spravochnik. Po sostoianiiu na 10 fevraliia 1961 g. [Moskva] Mosk. rabochii, 1961. 551 p.

OBRUCHEV, V.A. [Geology made interesting] Zanimatel'naia geologiia. Moskva, Izd-vo Akad. nauk SSSR, 1961. 365 p.

OKULOV, R.G. [Korean sketches] Koreiskie ocherki. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 132 p.

ORESTOV, O.L. [In the Republic of Ghana; a journalist's notes] V Respublike Gana; zapiski zhurnalista. Moskva, Gos. izd-vo polit. lit-ry, 1961. 95 p. (Afrika segodnia)

PASTERNAK, S.I. [Cretaceous biostratigraphy of the Volyn'-Podolian plateau] Biostratygrafiia kreidovykh vidkladiv Volyno-Podil's'koi plyty. Kyiv, Vyd-vo Akad. nauk URSR, 1959. 98 p.

PROZHOGIN, N.P. [Good morning, Africa!] Dobrogo utra, Afrika! Moskva, Gos. izd-vo polit. lit-ry, 1961. 148 p (Afrika segodnia)

RAVICH, M.G [Warmed land, in the mountains of Antarctica] Ogretaia zemlia; v gorakh Antarktidy. Moskva, Gos. izd-vo geogr. lit-ry, 1961 199 p.

ROGOVSKAIA, N.V. [The technique of establishing hydrogeological regions for land reclamation purposes, hydrogeological land reclamation regions] Metodika gidrogeologicheskogo raionirovaniia dlia obosnovaniia melioratsii, gidrogeologo-meliorativnoe raionirovanie. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1959. 174 p.

RUSAKOV, M.G., I.O. RECHMEDIN, and I.M. ROSLYI, [Itinerary of a geographical excursion through Kiev and its environs, for delegates to the 3rd Congress of the Geographical Society of the U.S.S.R.] Marshrut geograficheskoi ekskursii po Kievu i ego okrestnostiiam, dlia delegatov III s"ezda Geograficheskogo obshchestva Soiuza SSR) [Kiev] Izd-vo Kievskogo gos. univ., im. T.G. Shevchenko, 1960. 71 p.

SHCHEDROV, I.M. [Hanoi] Khanoi. Moskva, Gos. izd-vo geogr. lit-ry, 1961. 76 p.

SHCHERBAKOV, D.I. [From the arctics to the tropics] Ot Arktiki do tropikov. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 198 p.

SHCHUKIN, I.S. [General geomorphology] Obshchaia geomorfologiia. [Moskva] Izd-vo Mosk. univ. Vol. 1. 1960. 614 p.

SHVARTS, V. [The artistic monuments of Leningrad] Leningrad; khudozhestvennye pamiatniki, ocherk Izd 2. Leningrad, Gos. izd-vo "Iskusstvo," 1961. 396 p.

SIRITSA, L.I. [Along the lower Danube] Po nizhnemu Dunaiu. [Odessa] Odesskoe knizhnoe izd-vo, 1961. 63 p.

[THE SOVIET KAZAKH SOCIALIST REPUBLIC] Kazakhskaia Sovetskaia Sotsialisticheskaia Respublika. Alma-Ata, Kazakhskoe gos. izd-vo, 1960. 477 p.

SULEIMANOV, D.M., and I.S. BASHINDZHAGIAN, [Physical and geological phenomena on the shores of the Mingechaur Reservoir] Voprosy fiziko-geologicheskikh iavlenii na beregakh Mingechaurskogo vodokhranilishcha. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1961. 141 p.

[TRAVELS OF RAFAIL DANIBEGASHVILI] Puteshestvie Rafaila Danibegashvili. Moskva, Gos. izd-vo geogr. lit-ry, 1961. 69 p.

VAL'SKAIA, B.A. [Contribution of the Russian Geographical Society to the study of eastern countries] Vklad Russkogo Geograficheskogo obshchestva v izuchenie stran Vostoka. Moskva, Izd-vo vostochnoi lit-ry, 1960. 10 p.

VASIL'EV, G.V., and E.G. BANDO. [Siberia is calling] Sibir' zovet. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1959. 154 p.

VLASOVA, T.V. [Physical geography of areas of the world; textbook for the students of pedagogical institutes] Fizicheskaia geografiia chastei sveta, posobie dlia studentov pedagogicheskikh institutov. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 586 p.

VOLODKIN, V.I. [Cuba 1961, report] Kuba 1961; reportazh. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 75 p. illus.

ZAKAVKAZSKAIA KONFERENTSIIA MOLODYKH NAUCHNYKH SOTRUDNIKOV GEOLOGICHESKIKH INSTITUTOV AKADEMII NAUK GRUZINSKOI SSR, ARMIANSKOI SSR I AZERBAIDZHANSKOI SSR. 2d, Baku, 1959. [Transactions of the 2d Transcaucasian Conference of Young Geologists of Institutes of the Georgian, Armenian, and Azerbaijani Academies of Science] Trudy. Baku, Izd-vo AN Azerbaidzhanskoi SSR, 1960. 242 p.

ZAKHARK, E., and others. [City of Orel] Gorod Orel. [Orel] Orlovskoe knizhnoe izd-vo, 1958. 122 p. [MICROFILM]

13. SCIENCE

ABRIKOSOV, G.G., and others. [Zoology course in two volumes] Kurs zoologii, v dvukh tomakh. Pod red. B.S. Matveeva. Izd. 6. Moskva, Gos. izd-vo "Vysshaia shkola."
Vol. 1. [Invertebrate zoology] Zoologiia bespozvonochnykh. Pod red. G.G. Abrikosova i L.B. Levinsona. Izd. 6. 1961. 561 p.
Vol. 2. [Vertebrate zoology; Chordata] Zoologiia pozvonochnykh; khordovye. Pod red. B.S. Matveeva. Izd. 6. 1961. 473 p.

[ACCELERATORS, collection of articles] Uskoriteli, sbornik statei. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhniki, 1960. 121 p.
[MICROFILM]

ADIROVICH, E. I. [Atoms] Atomy. Moskva, Izd-vo "Znanie," 1961. 17 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 9, Fizika i khimiia, no. 6)
[MICROFILM]

AIZENSHTAT, IA. I., and B. G. BELOTSERKOVSKAIA. [Solving of problems in trigonometry, manual for teachers] Reshenie zadach po trigonometrii; posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 254 p.

AKADEMIIA NAUK SSSR. [Science and youth] Nauka i molodezh'. Moskva, 1960. 421 p.

AKADEMIIA NAUK SSSR. Sergei Ivanovich Vavilov, 1891-1951. Izd. 2, dop. Vstup. stat'ia V. L. Levshina. Bibl. sost. T. O. Vreden-Kobetskoi. Moskva, 1961. 164 p. (Materialy k bibliografii uchenykh SSSR. Ser. fiziki, no. 13)

AKADEMIIA NAUK SSSR. Energeticheskii institut. [Physical gas dynamics and heat exchange] Fizicheskaia gazodinamika i teploobmen. Moskva, 1960. 112 p.

AKADEMIIA NAUK SSSR. Institut obshchei i neorganicheskoi khimii. [Manual on the fusibility of the systems consisting of anhydrous inorganic salts] Spravochnik po plavkosti sistem iz bezvodnykh neorganicheskikh solei. Sost. N. K. Voskresenskaia i dr. Moskva.
Vol. I. [Binary systems] Dvoinye sistemy. 1961. 845 p.

AKADEMIIA NAUK BSSR, Minsk. Institut botaniki. [Trees and shrubbery introduced into the White Russian S. S. R.] Introduktsirovannye derev'ia i kustarniki v Belorusskoi SSR, Minsk.
No. 3. [Introduced woody plants of Siberia, Europe, the Mediterranean, the Crimea, the Caucasus, and Central Asia] Introduktsirovannye drevesnye rastenila flory Sibiri, Evropy, Sredizemnomor'ia, Kryma, Kavkaza i Srednei Azii. 1961. 333 p.

ALIMARIN, I. P. [Radioisotopes in chemical analysis] Primenenie radioaktivnykh izotopov v khimicheskom analize. Moskva, 1955. 31 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

ARTSIKHOVSKAIA, N. V. [International bibliography of photosynthesis] Fotosintez; ukazatel' otechestvennoi i inostrannoi literatury. Otv. red. B. A. Rubin. Bibliograficheskii red. E. S. Romanovskaia [Moskva] Izd-vo Mosk. univ.
Vol. 1. 1951-1958.
Part 1. 1961. 387 p.

BAKH, NATALIIA. [Radiolytic oxidation of organic compounds] Radioliticheskoe okislenie organicheskikh soedinenii. Moskva, 1955. 21 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

BARK, L. S., P. P. GANSON, and N. A. MEISTER. [Tables of the speed of sound in sea water] Tablitsy skorosti zvuka v morskoi vode. Moskva, Vychislitel'nyi tsentr AN SSSR, 1961. 180 p.

BOGUSLAVSKII, S. A. [Selected works on physics] Izbrannye trudy po fizike. Pod red. i s primechaniiami V. K. Semenchenko. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 436 p. (Biblioteka russkoi nauki. Matematika, mekhanika, fizika, astronomiia)

BYKOV, M. F. [Absolute catalog of right ascensions of 623 faint stars from FKSZ] Absoliutnyi katalog priamykh voskhozhdenii 623 slabykh zvezd iz FKSZ. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, 1961. 162 p.

CH'EN SHIH-HSUN. [The climate of China. Translated from the Chinese] Klimat Kitaia. Moskva, Izd-vo inostr. lit-ry, 1961. 343 p.

CHISTOVA, P. I. [Microbiology] Mikrobiologiia. Moskva, Gos. izd-vo torg. lit-ry, 1961. 117 p.

CHMUTOV, K. V., and V. T. AVGUL'. [Automatic instruments in chromatographic column analysis] Avtomaticheskie pribory v kolonochnom khromatograficheskom analize. Moskva, Izd-vo Akad. nauk SSSR, 1961. 52 p.

DANIN, D. S. [Inevitability of a strange world] Neizbezhnost' strannogo mira. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia" 1961. 368 p.

DAREVSKII, I. S. [Poisonous snakes of Armenia] Iadovitye zmei Armenii. Erevan, Aiastanskoe gos. izd-vo, 1960] 15 p. [In Armenian]

DINESMAN, L. G. [Effect of wild mammals on the formation of tree stands] Vliianie dikikh mlekopitaiushchikh na formirovanie drevostoev. Moskva, Izd-vo Akad. nauk SSSR, 1961. 164 p.

DONSKOI, D. D. [Biomechanics of physical exercise] Biomekhanika fizicheskikh uprazhnenii. Izd. 2., pererab. i dop. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1960. 238 p.

FEL'DT, V. V. [Guide to the use of the screen during chemistry lessons] Rukovodstvo po ispol'zovaniiu ekrana na urokakh khimii, posobie dlia uchitelia. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 109 p.

FIALKO, E. I. [Radar methods for observing meteors] Radiolokatsionnye metody nabliudeniia meteorov. Moskva, Izd-vo "Sovetskoe radio," 1961. 111 p.

FIGUROVSKII, N. A. Dmitrii Ivanovich Mendeleev, 1834-1907. Moskva, Izd-vo Akad. nauk SSSR, 1961. 314 p. (Nauchno-biograficheskaia seriia)

GAIDAEV, P. A., and M. P. FOMIN. [Adjustment of second-order triangulation by approximations] Uravnivanie triangulatsii 2 klassa priblizhentiami. Moskva, Izd-vo geodez. lit-ry, 1960. 36 p.

GAL'PERIN, S. I. [Neurohumoral regulation in vertebrate animals] Neiro-gumoral'nye reguliatsii u pozvonochnykh zhivotnykh. Moskva, Gos. izd-vo "Vysshaia shkola," 1960. 341 p.

GNEDENKO, B. V., V. S. KOROLIUK, and E. L. IUSHCHENKO. [Elements of programming] Elementy programmirovaniia. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 348 p.

GUREVICH, I. I., and I. IA. POMERANCHUK. [Theory of resonance absorption in heterogeneous systems] Teoriia rezonansnogo pogloshcheniia v geterogennykh sistemakh. Moskva, 1955. 18 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

GUSEINOV, B. Z., and S. G. GUSEINOV. [Using radioisotopes for investigating the physiology of woody plants] Primenenie radioaktivnykh izotopov dlia izucheniia fiziologicheskikh svoistv u drevesnykh porod. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1960. 75 p. [In Azerbaijani.]

IAKOVLEVA, I. D. [A guide to the reptiles of Kirghizistan] Opredelitel' presmykaiushchikhsia Kirgizii. Frunze, Akad. nauk Kirgizskoi SSR, In-t zoologii i parazitologii, 1961. 110 p.

IMSHENETSKII, A. A. [Louis Pasteur, his life and work] Liui Paster, zhizn' i tvorchestvo. Moskva, Izd-vo Akad. nauk SSSR, 1961. 68 p.

IUNOVICH, M. [M. Gor'kii as the propagandist of natural sciences] M. M. Gor'kii - propagandist nauki. Izd. 2., dop. Moskva, Sovetskii pisatel', 1961. 173 p.

KAGAN, V. F. [Subprojective spaces] Subproektivnye prostranstva. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 218 p. (Biblioteka russkoi nauki: Matematika, mekhanika, astronomiia)

KAO TS'AI-SHENG. [Studies of the kinetics of uranyl-ion electrochemical reactions in mineral acids in connection with the development of the quantitative determination of uranium in ores by oscillographic polarography. Author's resumé of a dissertation for the degree of candidate of chemical sciences] Issledovanie kinetiki elektrokhimicheskikh reaktsii uranila v mineral'nykh kislotakh v sviazi s razrabotkoi kolichestvennogo opredeleniia urana v rudakh metodom ostsillograficheskoi polarografii, avtoreferat dissertatsii na soiskanie uchenoi stepeni kandidata khimicheskikh nauk. Nauchnye rukovoditeli: D. I. Riabchikov, IA. P. Gokhshtein. Moskva, In-t geokhimii i analiticheskoi khimii AN SSSR, 1960. 14 p.

KEMNITS, IU. V. [Theory of errors in measurements] Teoriia oshibok izmerenii. Moskva, Izd-vo geodez. lit-ry, 1961. 111 p.

KHABAROVA, A. IA. [Afferent innervation of the heart] Afferentnaia innervatsiia serdtsa. Moskva, Izd-vo Akad. nauk SSSR, 1961. 189 p.

KOLOSOV, A. M., N. P. LAVROV, and S. P. NAUMOV. [Biology of commercial animals in the U. S. S. R.] Biologiia promyslovykh zverei SSSR. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 379 p.

KONDRAT'EV, V. N. [Tagged atom method in the study of the mechanism of chemical reactions] Primenenie mechenykh atomov k izucheniiu mekhanizma khimicheskikh reaktsii. Moskva, 1955. 19 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

KOROLI, O. E. [Theoretical mechanics, trajectories of artificial earth satellites; correspondence course] Teoreticheskaia mekhanika; traektorii iskusstvennykh sputnikov Zemli, pis'mennye lektsii. Leningrad, Severo-zapadnyi zaochnyi politekhn. in-t, 1960. 28 p.

KUCHAEVA, A. G. [Microbes are our friends and enemies] Mikroby nashi druz'ia i vragi. Moskva, Izd-vo "Znanie" Vses. ob-va po raspr. polit. i nauchn. znanii, 1961. 36 p. (Narodnyi universitet kul'tury)

KULIKOVSKII, P. G. [Handbook for amateur astronomers] Spravochnik liubitelia astronomii. Izd 3., pererab. i dop. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961 493 p.
——— ——— ———Plates.

KURCHATOV, B. V., and others. [Sulfate method for isolating plutonium and neptunium] Sul'fatnyi metod vydeleniia plutoniia i neptuniia. Moskva, 1955. 7 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

KUZIN, A. M. [Natural sciences and practice] Estestvennye nauki i praktika. Moskva, Izd-vo "Znanie," Vses. ob-va po raspr. polit. i nauch. znanii, 1961. 39 p. (Narodnyi universitet kul'tury, no. 1)

LEBEDINSKII, A. V. [Influence of ionizing radiation on the animal organism; as revealed by studies of Soviet investigators] O vliianii ioniziruiushchego izlucheniia na organizm zhivotnogo, po dannym rabot sovetskikh issledovatelei. Moskva, 1955. 35 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

LEBEDINSKII, A. V., and IU. I. MOSKALEV, eds. [Biological effect of radiation and problems in the distribution of radioactive isotopes] Biologicheskoe deistvie radiatsii i voprosy raspredeleniia radioaktivnykh izotopov. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhniki, 1961. 190 p.

LENINGRADSKII DOM NAUCHNO-TEKHNICHESKOI PROPAGANDY. [Methods of approximate quantitative spectral analysis] Metodika priblizhennogo kolichestvennogo spektral'nogo analiza. Leningrad, 1952. 13 p. (Informatsionno-tekhnicheskii listok, no. 72(413))

LEVI, I. I. [Model studies of hydraulic phenomena] Modelirovanie gidravlicheskikh iavlenii. Moskva, Gos. energ. izd-vo, 1960. 210 p.

LIPKAN, N. F. [Elements of radiation biochemistry] Elementy radiatsionnoi biokhimii. Kiev, Gos. med. izd-vo USSR, 1958. 158 p.

LUNKEVICH, V. V. [From Heraclitus to Darwin; studies on the history of biology] Ot Geraklita do Darvina; ocherki po istorii biologii. Izd. 2. v dvukh tomakh. Pod red. I. M. Poliakova. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR.
Vol. 2. 1960. 546 p.

MALKOV, M. P., and others. [Isolation of deuterium from hydrogen by the deep cooling method] Vydelenie deiterlia iz vodoroda metodom glubokogo okhlazhdeniia. Pod obshchei red. M. P. Malkova. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhn. 1961. 150 p.

[MEDICINE AND COSMIC FLIGHT] Meditsina i kosmicheskie polety, sbornik. Moskva, Izd-vo "Znanie," 1961. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Biologiia i meditsina, no. 9)

MITROPOL'SKII, A. K. [Technique of statistical calculations] Tekhnika statisticheskikh vychislenii. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 479 p.

MODENOV, P. S., and S. I. NOVOSELOV. [Textbook on mathematics for students entering institutes of higher education] Posobie po matematike dlia postupaiushchikh v vuzy. [Moskva] Izd-vo Mosk. univ., 1961. 406 p.

MOSCOW. GOSUDARSTVENNYI OKEANOGRAFICHESKII INSTITUT. [Manual of marine hydrochemical investigations for hydrometeorological observatories and marine hydrometeorological stations] Rukovodstvo po morskim gidrokhimicheskim issledovaniiam; dlia gidrometeorologicheskikh observatorii i morskikh gidrometeorologicheskikh stantsii. Pod red. L. K. Blinova. Moskva, Gidrometeor. izd-vo (otd-nie), 1959. 255 p.

MOSCOW. UNIVERSITET. Biologo-pochvennyi fakul'tet. [Collected scientific papers of students] Sbornik nauchnykh studencheskikh rabot. [Moskva] 1957. 215 p.

NATANSON, I. P. [Summation of infinitesimal quantities] Summirovanie beskonechno malykh velichin. Izd. 3., ispr. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1960. 54 p. (Populiarnye lektsii po matematike, no 12)

NECHAEV, I. [The story of the elements] Rasskazy ob elementakh. Moskva, Gos. izd-vo detskoi lit-ry M-va prosv. RSFSR, 1960. 141 p.

[NEW PROBLEMS IN PHYSICS] Novye problemy fiziki; sbornik statei. Moskva, Izd-vo "Znanie," 1961. 44 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 9, Fizika i khimiia, no. 7)

NEZHIKHOVSKII, R. A. [Hydrological calculations and forecasts in the use of reservoirs and lakes] Gidrologicheskie raschety i prognozy pri eksploatatsii vodokhranilishch i ozer. Leningrad, Gidrometeor. izd-vo, 1961. 294 p.

OCHAN, IU. S., and V. E. SHNEIDER. [Mathematical analysis, textbook for teachers' institutes] Matematicheskii analiz, uchebnoe posobie dlia pedagogicheskikh institutov. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 870 p.

OREKHOVICH, V. N. [Processes involved in the inclusion of amino acids into proteins in vivo and in vitro] Issledovanie protsessov vkliucheniia aminokislot v belki in vivo i in vitro. Moskva, 1955. 9 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

ORLOV, IU. A. [In the world of the ancient animals, studies in vertebrate paleontology] V mire drevnikh zhivotnykh, ocherki po paleontologii pozvonochnykh. Izd-vo Akad. nauk SSSR, 1961. 189 p.

PERKAL'SKIS, B. SH. [Conducting a course in physics with demonstrations of an electronic oscilloscope] Demonstratsii s elektronnym ostsilloskopom v kurse fiziki. Moskva, Gos. izd-vo "Vysshaia shkola," 1960. 46 p.

PETROV, A. Z. [Einstein spaces] Prostranstva Einshteina. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 463 p.

[PHILOSOPHICAL PROBLEMS ON CYBERNETICS] Filosofskie voprosy kibernetiki. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 391 p.

PIATETSKII-SHAPIRO, I. I. [Geometry of the classical regions and the theory of automorphic functions] Geometriia klassicheskikh oblastei i teoriia avtomorfnykh funktsii. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 191 p. (Sovremennye problemy matematiki)

PIATNITSKII, S. S. [Course in dendrology] Kurs dendrologii. Khar'kov, Izd-vo Khar'kovskogo gos. univ. im. A. M. Gor'kogo, 1960. 421 p.

PIGALEV, I. A. [Some problems of immunity following the action of ionizing radiation on the body] Nekotorye voprosy immuniteta pri vozdeistvii na organizm ioniziruiushchei radiatsii. Moskva, 1955. 19 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

PIKEL'NER, S. B. [Principles of cosmic electrodynamics] Osnovy kosmicheskoi elektrodinamiki. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 295 p.

POLUEKTOV, N. S. [Use of radioisotopes in investigations of the analytic chemistry of zirconium and hafnium] Primenenie radioaktivnykh izotopov v issledovaniiakh po analiticheskoi khimii tsirkoniia i gafniia. Moskva, 1955. 17 p. (Doklady, predstavlennye USSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

POPKHADZE, N. A. [Influence of the sinocarotid system on the hemodynamics of the cerebrospinal fluid. K voprosu vliianiia sinokarotidnoi sistemy na germodinamiku likvora. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo"] 1960. 178 p. [In Georgian.]

PRONIN, V. A. [Michurian Darwinism] Michurinskii darvinizm. [Moskva] Izd-vo Mosk. univ., 1961. 22 p.

RIK, G. R. [Mass spectrometry] Mass-spektroskopiia. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1953. 295 p. (Sovremennye problemy fiziki)

ROSIN, IA. A. [Neurohumoral control and the hematoencephalic barrier] Neiro-gumoral'naia reguliatsiia i gemato-entsefalicheskii bar'er. Moskva, Izd-vo Akad. nauk SSSR, 1961. 262 p.

RUHAN, E. L. [Physiology and biochemistry of nitrifying micro-organisms] Fiziologiia i biokhimiia nitrifitsiruiushchikh mikroorganizmov. Moskva, Izd-vo Akad. nauk SSSR, 1961. 173 p.

RUDAKOV, O. L. [A fungus parasite of dodder, its cultivation and use] Gribnoi parazit povilики, ego vyrashchivanie i primenenie. Frunze, Izd-vo AN Kirgizskoi SSR, 1961. 65 p.

RUSSIA (1923- U.S.S.R.) Glavnoe upravlenie geodezii i kartografii. [Tables on increases of coordinates] Tablitsy prirashchenii koordinat. Izd. 4, ispr. Moskva, Izd-vo geodez. lit-ry, 1960. 156 p.

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po khimii. [Chemical reagents, the most important reagents and pH indicators for luminescent analysis] Khimicheskie reaktivy, vazhneishie reaktivy i pH-indikatory dlia liuminestsentnogo analiza. Moskva, [1959] 19 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instruction 301-59 for the analysis of standard samples and working preparations of radium graduated in units of the gamma-equivalent of radium] Instruktsiia 301-59 po poverke obraztsovykh i rabochikh preparatov radiia, graduiruemykh v edinitsakh radievogo gamma-ekvivalenta. Izd. ofitsial'noe. Moskva, 1960. (SSSR. Gosudarstvennye standarty)

RUSSIA (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Meteorological instruments] Meteorologicheskie pribory. Izd. ofitsial'noe. Moskva, 1959. 127 p. (SSSR. Gosudarstvennye standarty)

SINITSYN, V. I. [Radioactive cobalt] Radioaktivnyi kobal't. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhniki, 1961. 56 p.

SINIUSHINA, M. N., IU. S. NABOKOV, and M. N. SAMSONOVA. [Laboratory manual in microbiology; for students of the correspondence section of the Department of Pharmacy] Rukovodstvo k prakticheskim zaniatiiam po mikrobiologii; dlia studentov zaochnogo otdeleniia farmatsevticheskogo fakul'teta. Moskva, Pervyi Mosk. med. in-t, 1960. 66 p.

SKATKIN, L. N., ed. [Improving the effectiveness of arithmetic lessons in elementary schools] Povyshenie effektivnosti urokov arifmetiki v nachal'noi shkole; sbornik statei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 105 p.

SOKOLOV, I. I. [Course in Physics] Kurs fiziki. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR.
Pt. 1. [Mechanics, textbook for the 8th grade of secondary schools] Mekhanika, uchebnik dlia 8-go klassa srednei shkoly. Izd. 6. 1960. 251 p.

SOVETSKAIA ANTARKTICHESKAIA EKSPEDITSIIA, 1957-58. [Materials of the Soviet Antarctic Expedition, 1957-58. Materials] Leningrad, Izd-vo "Morskoi transport."
Vol. 14. [Second Continental Expedition, 1957-1958, observational data] Vtoraia kontinental'naia ekspeditsiia, 1957-1958 gg.; materialy nabliudenii. Pod red. I. M. Dolgina
Book 1. 1960. 721 p.
Book 2. 1960. 666 p.
Vol. 15. [Second Maritime Expedition, 1956-1957; observational data] Vtoraia morskaia ekspeditsiia, 1956-1957 gg.; materialy nabliudenii. Pod red. L. V. Dolganova. 1961. 331 p.

SPERANSKAIA, E. N. [Problems in the physiology of the vegetative nervous system] Voprosy fiziologii vegetativnogo otdela nervnoi sistemy. Izd-vo [illegible] SSSR, 1961. 215 p.

SPERANSKII, V. G. [Biological principles of the keeping quality of fruits and vegetables] Biologicheskie osnovy sokhraniaemosti plodov i ovoshchei. Moskva, Gos. izd-vo torg. lit-ry, 1961. 126 p.

STARTSEV, P. A. [Outline of the history of astronomy in China] Ocherki istorii astronomii v Kitae. Pod red. V. P. Shcheglova. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 153 p.

TAKHTADZHIAN, A. L. [Origin of angiosperms] Proiskhozhdenie pokrytosemennykh rastenii. Izd. 2., perer. i dop. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 132 p.

TULINOV, B. A., and CHEKMAREV, IA. F. [Arithmetic for pedagogical schools] Arifmetika; dlia pedagogicheskikh uchilishch. Izd. 6. Moskva, Gos. uchebno pedagog. izd-vo M-va prosv. RSFSR, 1961. 295 p.

VESELOVSKII, V. I. [Radiation chemistry processes in inorganic systems, Electrochemical effect of radiation. Sensitization of radiation chemistry reactions] Radiatsionno-khimicheskie protsessy v neorganicheskikh sistemakh. Elektrokhimicheskoe deistvie izlucheniі. Sensibilizatsiia radiatsionno-khimicheskikh reaktsii. Moskva, 1955. 27 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

VLADIMIRSKII, K. V., M. IA. KATS, and B. M. STASEVICH. [Isotopic analysis of heavy water] O metodakh izotopnogo analiza tiazheloi vody. Moskva, 1955. 15 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

VULFSON, N. I. [Investigation of convective motions in the free atmosphere] Issledovanie konvektivnykh dvizhenii v svobodnoi atmosfere. Moskva, Izd-vo Akad. nauk SSSR, 1961. 521 p.

VULIKH, B. Z. [Introduction to the theory of semi-ordered spaces] Vvedenie v teoriiu poluporiadochennykh prostranstv. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 407 p.

ZHDANOV, G. S. [Solid state physics] Fizika tverdogo tela. [Moskva] Izd-vo Mosk. univ., 1961. 500 p.

ZHDANOV, L. S., and N. I. KHLEBNIKOV. [Course in physics for technical schools] Kurs fiziki dlia tekhnikumov. Pod red. N. P. Suvorova. Izd. 2.
Pt. 1. [Mechanics and molecular physics] Mekhanika i molekuliarnaia fizika. 1961. 301 p.

ZHERDENOV, V. N. [Lungs and heart in animals and man (in natural and historical development)] Legkie i serdtse zhivotnykh i cheloveka (v estestvenno-istoricheskom razvitii). Izd. 2, perer. i dop. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 477 p.

ZIGEL', F. IU. [Stars lead to infinity, pictures of the universe] Zvezdy vedut v beskonechnost', kartiny mirozdaniia. Moskva, Gos. izd-vo fiziko-matem lit-ry, 1961. 195 p.

ZVIAGINTSEV, O. E. [Chemistry of ruthenium] Khimiia rutseniia. Moskva, 1955. 4 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

14. MEDICINE

ALIMOV, SH. A. [Clinical aspects and therapy in pulmonary tuberculosis] Klinika i terapiia tuberkuleza legkikh. Tashkent, Gos. med. izd-vo M-va zdravookhraneniia UzSSR, 1960. 146 p.
(DNLM)

ARKHANGEL'SKAIA, L. N., and others. [They serve the motherland; tenth anniversary of the graduation of physicians at the I. M. Sechenov First Moscow Medical Institute in 1949] Oni sluzhat Rodine; k 10-letiiu vypuska vrachei 1-go MOLMI imeni I. M. Sechenova 1949 g. Moskva, 1960. 81 p.

BABSKII, E. B., and L. S. UL'IANINSKII. [Electric stimulation of the heart] Elektricheskaia stimuliatsiia serdtsa. Moskva, Izd-vo Akad. nauk SSSR, 1961. 159 p.
(DNLM)

BELOVA, A. V., and others. [Manual on the practical [illegible]

BOGOLEPOVA, L. S., and V. A. SMIRNOVA-RAKITINA. [Movement for improving sanitary conditions] Dvizhenie za sanitarnuiu kul'turu. Moskva, Izd-vo "Znanie," 1961. 32 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Biologiia i meditsina, no. 10)

DOLGO-SABUROV, B. A. [Studies on the functional anatomy of blood vessels; study of collateral blood circulation] Ocherki funktsional'noi anatomii krovenosnykh sosudov; k ucheniiu o kollateral'nom krovoobrashchenii. [Leningrad] Gos. izd-vo med. lit-ry Medgiz, Leningr. otd-nie, 1961. 343 p.

EINIS, V. L. [Tuberculosis; clinical aspects, prophylaxis and treatment] Tuberkulez, klinika, profilaktika i lechenie. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 231 p.
(DNLM)

ELKIN, I. I. [Studies on the theory of epidemiology] Ocherki teorii epidemiologii. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 214 p.

FATEEVA, M. N. [Clinical and diagnostic use of some radioactive isotopes in the U. S. S. R.] Opyt klinikodiagnosticheskogo primeneniia nekotorykh radioaktivnykh izotopov v SSSR. Moskva, 1955. 14 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)
(DNLM)

GRZHEBIN, Z. N., G. S. TSERAIDIS. [Principles of the histopathology of the skin] Osnovy gistopatologii kozhi. Moskva, Gos. izd-vo med lit-ry Medgiz, 1960. 359 p.
(DNLM)

[HUMAN DISEASES WITH A NATURAL FOCUS] Prirodnoochagovye bolezni cheloveka. Pod red. E. N. Pavlovskogo. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 325 p.
(DNLM)

INSTITUT MEDITSINSKOI PARAZITOLOGII I TROPICHESKOI MEDITSINY IM. E. I. MARTSINOVSKOGO. [Resistance of arthropods to insecticides] Ustoichivost' chlenistonogikh k insektitsidam. Pod red. V. N. Beklemisheva i V. P. Derbenevoi-Ukhovoi. Moskva, 1960. 255 p.

KHAVIN, I. B., and O. V. NIKOLAEV. [Diseases of the thyroid gland] Bolezni shchitovidnoi zhelezy. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 250 p.
(DNLM)

KHURAMOVICH, N. I. [Reinfusion of blood in surgery] Reinfuziia krovi v khirurgii. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 96 p. (Biblioteka prakticheskogo vracha)

KOL'GUNENKO, I. I. [Care for the skin of the hands, feet, and for the nails, manual for manicurists] Ukhod za kozhei ruk, nog i za nogtiami, posobie dlia manikiursh. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 85 p.
(DNLM)

KOZLOVA, A. V. [Therapeutic use of some radioactive isotopes] Opyt lechebnogo primeneniia nekotorykh radioaktivnykh izotopov. Moskva, 1955. 12 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)
(DNLM)

KUZNETSOV, N. N. [New heteroperitoneal preparations for restorative surgery and tissue therapy; preserved plastic materials from the peritoneum of cattle] Novye geteroperitoneal'nye preparaty dlia vosstanovitel'noi khirurgii i tkanevoi terapii; konservirovannyi plasticheskii material iz briushiny krupnogo rogatogo skota. Kishinev, Gos. izd-vo "Kartia Moldovenieske," 1961. 157 p.
(DNLM)

[LARGE MEDICAL ENCYCLOPEDIA] Bol'shaia meditsinskaia entsiklopediia. Glav. red. A. N. Bakulev. Moskva, Gos. nauchn. izd-vo "Sovetskaia entsiklopediia," Vol. 20. Natechnik - novomigrofen. Izd. 2. 1961. 1151 columns.
———— [List of articles and terms for the letter [illegible] tsiia' statei i terminov na bukvu

NEVSKII, V. A. [Medicine in Tajikistan, bibliographic index of literature on the history and contemporary status of medicine and public health in Tajik S. S. R.] Meditsyna v Tadzhikistane, bibliograficheskii ukazatel' literatury po istorii i sovremennomu sostoianiia meditsyny i zdravookhraneniia v Tadzhikskoi SSR. Pod red. V. S. Vail'. Stalinabad, Gos. nauchn. med. biblioteka, 1959. 380 p.

[PHYSICIAN'S CALENDAR] Kalendar' vracha. Pod obshchei red. I. G. Kochergina. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 430 p.

RABKIN, E. B. [Pigmentary tables for studying the acquired pathology of color vision] Pigmentnye tablitsy dlia issledovaniia priobretennoi patologii tsvetovogo zreniia. Izd. 2., perer. i dop. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 32 p. plates.
(DNLM)

RUSSIA (1923- U. S. S. R.) Ministerstvo zdravookhraneniia. [State pharmacopoeia of the Union of Soviet Socialist Republics] Gosudarstvennaia farmakopeia Soiuza Sovetskikh Sotsialisticheskikh Respublik. Izd. 9. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 910 p.

SHARASHIDZE, L. K. [Histochemistry of induced skin cancer] Gistokhimiia indutsirovannogo raka kozhi. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo," 1960. 278 p.
(DNLM)

[SOVIET MEDICINE IN THE GREAT PATRIOTIC WAR 1941-1945] Opyt Sovetskoi meditsiny v Velikoi Otechestvennoi Voine 1941-1945 gg. Moskva, Medgiz.
Vol. 4. 1949. 547 p.
Vol. 26. 1949. 312 p.

VINOGRADOV, V. M., and P. K. D'IACHENKO. [Principles of clinical anesthesiology; general anesthesiology] Osnovy klinicheskoi anesteziologii; obshchaia anesteziologiia. [Leningrad] Gos. izd-vo med. lit-ry Medgiz, Leningr. otd-nie, 1961. 358 p.
(DNLM)

VSESOIUZNAIA AKADEMIIA SEL'SKOKHOZIAISTVENNYKH NAUK IMENI V. I. LENINA. [Control of diseases common to man and animals (zoonoses)] Bor'ba s bolezniami obshchimi dlia cheloveka i zhivotnykh (zoonozy). Pod obshchei red. K. I. Skriabina. Moskva, Izd-vo M-va sel'. khoz. SSSR, 1961. 138 p.
(DNLM)

15. AGRICULTURE

AKADEMIIA KOMMUNAL'NOGO KHOZIAISTVA. [List of ornamental plants of experimental stations for town planting of the Academy of Communal Economy] Spisok dekorativnykh rastenii opytnykh stantsii ozeleneniia gorodov Akademii kommunal'nogo khoziaistva. Moskva, Otdel nauchno-tekhn. informatsii Akad., 1960. 28 p.

AKAEVSKII, A. I., D. IA. KRINITSIN, and P. I. MELEKHIN. [Anatomy and physiology of farm animals] Anatomiia i fiziologiia sel'skokhoziaistvennykh zhivotnykh. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 287 p. (Uchebniki i uchebnye posobiia dlia sel'skokhoziaistvennykh tekhnikumov)

ANDRIUSHCHENKO, D. P. [Growing dwarf fruit trees] Kul'tura karlikovykh plodovykh derev'ev. Kishinev, Gos. izd-vo "Kartia moldoveniaske," 1961. 35 p. (Biblioteka plodovoda Moldavii)
(DA)

ARTEMOVA, A. V. [Obtaining 27 centners of buckwheat per hectare] 27 tsentnerov grechikhi s gektara. [Moskva] Mosk. rabochii, 1961. 14 p. (Liudi, dela, plany)
(DA)

BARDEEVA, A. S. [Let us restore the former glory] Vozrodim bylui slavu. [Moskva] Mosk. rabochii, 1961. 22 p. (Luidi, dela, plany)

BEZSONOV, A. I. [Selected works] Izbrannye trudy. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1960. 254 p.

BOL'SHAKOVA, V. P. [My experience in increasing the milk yield of primapara heifers] Moi opyt razdoia pervotelok. Moskva, Izd-vo "Sovetskaia Rossia," 1961. 15 p. (Reshenia ianvarskogo (1961 g.) Plenuma TsK KPSS - v zhizn'!)
(DA)

BONDARENKO, N. V. [Manual on field work in beekeeping] Rukovodstvo k prakticheskim zaniatiiam po pchelovodstvu. Leningrad, Gos. izd-vo sel'khoz. lit-ry, 1961. 182 p.
(DA)

BUKIN, V. [Consolidated mechanized crew for corn growing] Ukrupnennoe mekhanizirovannoe zveno po vyrashchivaniiu kukuruzy. [Stavropol'] Stavropol'skoe knizhnoe izd-vo, 1960. 13 p.
(DA)

CHERNOGOLOVIN, V. P. [Pulse crops and leguminous grasses in Kazakhstan] Zernobobovye kul'tury i bobovye travy v Kazakhstane. Alma-Ata, Kazakhskoe gos. izd-vo, 1960. 153 p.

[CORN IN NEW REGIONS, advanced cultivation practices] Kukuruza v novykh raionakh, peredovoi opyt vozdelyvaniia. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 136 p.
(DA)

DEKATOV, N. E. [Measures for forest regeneration in mechanized logging] Meropriiatiia po vozobnovleniiu lesa pri mekhanizirovannykh lesozagotovkakh. Moskva, Goslesbumizdat, 1961. 277 p.
(DA)

DOKUCHAEV, V. V. [Works] Sochineniia. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 8. [Papers and addresses. Correspondence] Raboty i vystupleniia. Perepiska. 1961. 556 p.

DUSHUTINA, K. K. [Growing strawberries in Moldavia] Vyrashchivanie zemlianiki v Moldavii. Kishinev, Gos. izd-vo "Kartia moldovenieske," 1961. 26 p. (Biblioteka plodovoda Moldavii)
(DA)

DUSHUTINA, K. K., O. V. MASIUKOVA, and V. K. SMYKOV. [Best pome fruit varieties for Moldavia] Luchshie sorta semechkovykh porod dlia Moldavii. Kishinev, Gos. izd-vo "Kartia moldoveniaske," 1961. 58 p. (Biblioteka plodovoda Moldavii)
(DA)

DZHALAGONIIA, SH. I. [New watermelon variety "Sokhumuri." Novyi sort arbuza "Sokhumuri." Tbilisi, "Sabchota Sakartvelo," 1960] 23 p. [In Georgian]
(DA)

GERASIMOV, I. P., and M. A. GLAZOVSKAIA. [Principles of soil science and soil geography] Osnovy pochvovedeniia i geografiia pochv. Moskva, Gos. izd-vo geogr. lit-ry, 1960. 490 p. maps.
(DA)

GERASIMOVA, A. I., and O. M. MINIAEVA. [Diseases and pests of forage grasses] Vrediteli i bolezni kormovykh trav. Moskva, Gos. izd-vo sel'khoz lit-ry, 1960. 359 p.
(DA)

GERASIMOVA, Z. A. [Cultivation practices for obtaining an apple crop every year; experience of Moldavian state and collective farms] Agrotekhnika ezhegodnykh urozhaev iabloni; opyt sovkhozov i kolkhozov Moldavii. Kishinev, Gos. izd-vo "Kartia moldoveniaske," 1961. 35 p. (Biblioteka plodovoda Moldavii)
(DA)

GLUSHCHENKO, A. F. [Protecting legumes from pests (non-Chernozem zone of the U. S. S. R.).] Zashchita bobovykh kul'tur ot vreditelei (nechernozemnaia polosa SSSR). Leningrad, 1961. 69 p. (Vreditel i bolezni sel'skokhoziaistvennykh rastenii)
(DA)

GRIGORENKO, G. P. [Getting planting machinery ready for work] Podgotovka posevnykh agregatov. [Moskva] Mosk. rabochii, 1961. 41 p. (Bibliotechka kukuruzovoda-mekhanizatora)
(DA)

GROZDOV, B. V. [Treasures of the forest] Sokrovishcha lesa. Pod. red. L. M. Loonova. Izd. 2., ispr. Moskva, Goslesbumizdat, 1960. 157 p.

IVANOV, N. R. [Phaseolus] Fasol'. Izd. 2. ispr. i dop. Leningrad, Gos. izd-vo sel'khoz. lit-ry, 1961. 279 p.
(DA)

KABLUCHKO, G. A. [Possibilities for the development and distribution of fruit culture in Moldavia] Perspektivy razvitiia i razmeshchenie plodovodstva v Moldavii. Kishinev, Gos. izd-vo "Kartia moldoveniaske," 1961. 30 p. (Biblioteka plodovoda Moldavii)
(DA)

KAIMAKAN, I. V. [Regeneration of old unsystematically established orchards in Moldavia] Rekonstruktsiia starykh bessistemnykh sadov Moldavii. Kishinev, Gos. izd-vo "Kartia moldoveniaske," 1961. 37 p. (Biblioteka plodovoda Moldavii)
(DA)

KANIVETS, I.I. [Selecting the location and preparing the soil for an orchard] Vybor uchastka i podgotovka pochvy pod plodovyi sad. Kishinev, Gos.izd-vo "Kartia moldoveniaske," 1961. 20 p. (Biblioteka plodovoda Moldavii)
(DA)

KARAFA-KORBUT, I.G. [Afforestation of dry areas in the foothills of the Kirghiz Ala-Tau] Bogarnoe lesorazvedenie v predgor'iakh Kirgizskogo Ala-Too. Frunze, Izd-vo AN Kirgizskoi SSR, 1961. 240 p.

KAZANTSEV, V.N. [Reduce the cost of vegetable growing] Udeshevit' proizvodstvo ovoshchei. Perm', Permskoe knizhnoe izd-vo, 1960. 20 p. (Slushateliam kolkhoznykh ekonomicheskikh shkol)
(DA)

KHMEL'NOI, I.G. [Make every hectare of land fertile] Bogatym sdelat' kazhdyi gektar zemli. [Moskva] Mosk. rabochii, 1961. 63 p. (Obshchedostupnaia bibliotechka po ekonomike sel'skokhoziaistvennogo proizvodstva)
(DA)

KHMEL'NOI, I.G. [Outstanding people in livestock raising] Masiaki v zhivotnovodstve. Moskva, Izd-vo "Znanie" Vses.ob-va po rasprr.polit.i nauchn.znanii, 1961. 39 p. (Narodnyi universitet kul'tury, no.4)

KOLESNEV, S.G. [How to increase labor productivity in agriculture] Kak povysit' proizvoditel'nost' truda v sel'skom khoziaistve. Moskva, Izd-vo "Znanie," 1961. 46 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser.5, Sel'skoe khoziaistvo, no.11)

KOMAREVSKAIA, V.P. [Agricultural development and specialization in the Angara-Ilim subzone of Irkutsk Province; materials on the agricultural zoning of Irkutsk Province] Razvitie i spetsializatsiia sel'skogo khoziaistva Angaro-Ilimskoi podzony Irkutskoi oblasti, materialy po sel'skokhoziaistvennomu rationirovaniiu Irkutskoi oblasti. Pod red. V.N. Sherstoboeva. Chita, Akad. nauk SSSR.
No.3. 1958. 164 p.

KONFERENTSIIA PO RYBNOMU KHOZIAISTVU RESPUBLIK SREDNEI AZII I KAZAKHSTANA, Frunze, 1958. [Transactions of the Conference on Fishery Management in the Republics of Central Asia and Kazakhstan] Trudy. Frunze, Akad. nauk Kirgizskoi SSR, 1961. 214 p.

KORNILOV, A.A. [Millet] Proso. Moskva, Gos.izd-vo sel'khoz. lit-ry, 1960. 243 p.
(DA)

KOROLEV, A.N. [Technology of hard cheeses] Tekhnologiia tverdykh syrov. Moskva, Pishchepromizdat, 1960. 56 p.

KOSENKO, D.S. [Lowering the cost of sugar beets] Za snizhenie sebestoimosti sakharnoi svekly. Moskva, Izd-vo "Sovetskaia Rossiia, 1961. 25 p. (Reshenila ianvarskogo (1961 g.) Plenuma TsK KPSS - v zhizn'!)
(DA)

KRAVCHUK, A.T., comp. [Mechanizer came to the farm] Mekhanizator prishel na fermu; sbornik statei. Moskva, Izd-vo M-va sel'.khoz. RSFSR, 1961. 115 p.
(DA)

KRUPINA, M.G. [Everbearing strawberry. Remontantnaia zemlianika, Tbilisi, Gos. izd-vo "Sabchota Sakartvelo"] 1959. 57 p. [In Georgian.]
(DA)

KUZHELENKO, V.G. [Growing nursery stock] Vyrashchivanie posadochnogo materiala. Kishinev, Gos.izd-vo "Kartia moldovenlaske," 1961. 37 p. (Biblioteka plodovoda Moldavii)
(DA)

LARIN, I.V., and T.R. GODLEVSKAIA. [Improvement of natural meadows and pastures] Uluchshenie prirodnykh senokosov i pastbishch. Moskva, Izd-vo "Znanie," 1961. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser.5, Sel'skoe khoziaistvo, no.10)

LEBEDEV, G.V. [Tea cultivation under irrigation] Chainyi kust v usloviiakh oroshenila. Moskva, Izd-vo Akad. nauk SSSR, 1961. 103 p.

LIBERSHTEIN, I. [How to get two-crop yields in a year] Kak poluchit' dva urozhaia v god. Kishinev, Gos.izd-vo "Kartia moldovenlaske," 1960. 86 p.
(DA)

L'VIN, N.S. [Establishing orchards on slopes] Osvoenie sklonov pod sady. Kishinev, Gos.izd-vo "Kartia moldovenlaske," 1961. 29 p. (Biblioteka plodovoda Moldavii)
(DA)

LYSHKO, G.P. [Technological progress in agriculture] Tekhnicheskii progress v sel'skom khoziaistve Kishinev, Gos.izd-vo "Kartia moldovenlaske," 1960. 105 p.
(DA)

MAKHSUTOV, D.A. [Contribution of sheep breeders to the seven-year plan] Ovtsevody - semiletke. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 29 p. (Reshenila ianvarskogo (1961 g.) Plenuma TsK KPSS - v zhizn'!)
(DA)

MAMYTOV, A.M., and G.I. ROICHENKO. [Soil zoning in Kirghizistan] Pochvennoe raionirovanie Kirgizii. Frunze, Izd-vo AN Kirgizskoi SSR, 1961. 153 p.

MASLOV, V.IA., V.K. SMYKOV, and E.S. KHRAMOV. [Best stone fruit varieties for Moldavia] Luchshie sorta kostochkovykh porod dlia Moldavii. Kishinev, Gos.izd-vo "Kartia moldovenlaske," 1961. 62 p. (Biblioteka plodovoda Moldavii)
(DA)

MOZGOV, I.E. [Pharmacology, manual for veterinarians] Farmakologiia; rukovodstvo dlia veterinarnykh vrachei Izd. 3., perer. i dop. Moskva, Gos. izd-vo sel'khoz lit-ry, 1961. 583 p.
(DA)

OSNITSKAIA, E.A., and B.A. GERASIMOV. [Control of vegetable diseases and pests outdoors] Bor'ba s vreditelliami i boleznlami ovoshchnykh kul'tur v otkrytom grunte. Izd. 2., dop. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1960. 26 p.
(DA)

PELIAKH, M.A. [Stories about grapes] Rasskazy o vinograde. Kishinev, Gos.izd-vo "Kartia moldovenlaske," 1960. 154 p.
(DA)

PEREKAL'SKII, F.M. [Spring wheat] IArovaia pshenitsa. Moskva, Gos. izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 278 p.
(DA)

POLIKARPOV, V.P. [Correct way to plan and plant an orchard] Kak pravil'no sproektirovat' i posadit' sad. Kishinev, Gos.izd-vo "Kartia moldovenlaske," 1961. 17 p. (Biblioteka plodovoda Moldavii)
(DA)

POLTEV, V.I., and A.A. PEROV. [High honey yields] Vysokie medosbory. [Leningrad] Lenizdat, 1961. 60 p.
(DA)

POPOV, A.M. [Producing 640 kilograms of pork every day] Kazhdyi den' 640 kilogrammov svininy. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 10 p. (Reshenila ianvarskogo (1961 g.) Plenuma TsK KPSS - v zhizn'!)
(DA)

POTAPOV, A.I. [Practical work in agriculture; manual for students of pedagogical institutes] Praktikum po sel'skomu khoziaistvu; posobie dlia studentov pedagogicheskikh institutov. Izd.2., dop. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 380 p.
(DA)

PSHENYCHNYI, N.I. [Increase the production of pulse crops] Zbil'shyty vyrobnytstvo zernobobovykh kul'tur. Kyiv, 1961. 46 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 5, no. 1)

ROMANOV, A.A. [Landscape work in the collective-farm village] Ozelenenie kolkhoznogo sela. Moskva, Gos.izd-vo sel'khoz. lit-ry, 1960. 36 p.

ROSTOVTSEV, N.F. [The most important thing in stockbreeding] Glavnoe v zhivotnovodstve. Moskva, Izd-vo "Znanie," 1961. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser.5, Sel'skoe khoziaistvo, no.9)

RUDENKO, I.S. [Setting and development of flower buds in apple trees] Zalozhenie i razvitie tsvetochnykh pochek iabloni, Kishinev, Izd-vo "Shtiintsa," Moldavskogo filiala Akad. nauk SSSR, 1960. 118 p.
(DA)

SHLEIMOVICH, P.I. [Soil structure and its importance in increasing soil fertility] Struktura pochvy i ee znachenie v povyshenii pochvennogo plodorodiia. Alma-Ata, Kazakhskii gos. univ. im.S.M. Kirova, 1960. 90 p.
(DA)

SINIKOV, A.A. [Five hundred and twelve centners of vegetables per hectare] Pint'sot dvenadtsat' tsentnerov ovoshchei s gektara. Moskva, 1961. Izd-vo "Sovetskaia Rossiia," 1961. 24 p. (Reshenila ianvarskogo (1961 g.) Plenuma TsK KPSS - v zhizn'!)
(DA)

SOKOLOV, B.V. [Care of young orchards] Ukhod za molodym sadom. Kishinev, Gos.izd-vo "Kartia moldovenlaske," 1961. 29 p. (Biblioteka plodovoda Moldavii)
(DA)

SOKOLOV, B.V. [Pruning fruit trees] Obrezka plodovykh derev'ev. Kishinev, Gos.izd-vo "Kartia moldovenlaske," 1961. 52 p. (Biblioteka plodovoda Moldavii)
(DA)

SOKOLOVA, S.A., and B.V. SOKOLOV. [Growing peaches in Moldavia] Kul'tura persika v Moldavii. Kishinev, Gos.izd-vo "Kartia moldovenlaske," 1961. 43 p. (Biblioteka plodovoda Moldavii)
(DA)

SOKOV, K.F. [Lessons on agricultural machinery; manual for teachers] Uroki po izucheniiu sel'skokhoziaistvennykh mashin; posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 98 p.
(DA)

STATKEVICH, G.I. [My experience in increasing the milk yield of cows] Moi opyt razdoia korov. Minsk, 1961. 22 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Belorusskoi SSR, no.11)

SUDNITSYN, I.I., and others. [Problems of mechanizing lumbering] Problemy mekhanizatsii lesozagotovok. Moskva, Goslesbumizdat, 1960. 194 p.
(DA)

SUKACHEV, V.N., and S.V. ZONN. [Instructions for studying forest types] Metodicheskie ukazaniia k uzucheniiu tipov lesa. Izd.2., perer. i dop. Moskva, Izd-vo Akad. nauk SSSR, 1961. 143 p.

SUSLOVA, K.D. [About our life and work] O nashei zhizni, o nashem trude. [Moskva] Mosk. rabochii, 1961. 18 p. (Liudi, dela, plany)
(DA)

TAIKOV, I.I. [Obtaining 750 centners of corn per hectare] 750 tsentnerov kukuruzy s gektara. [Moskva] Mosk. rabochii, 1961. 14 p. (Liudi, dela, plany)

TALITSKII, V.I. [Measures for controlling main diseases and pests of nurseries and orchards] Mery bor'by s osnovnymi vreditelliami i boleznlami v pitomnikakh i sadakh. Kishinev, Gos.izd-vo "Kartia moldovenlaske," 1961. 57 p. (Biblioteka plodovoda Moldavii)
(DA)

TARCHOKOV, K.K. [King Corn] Bogatyrskoe zerno. Moskva, Izd-vo Sovetskaia Rossiia, 1961. 28 p. (Reshenila ianvarskogo (1961 g.) Plenuma TsK KPSS - v zhizn'!)
(DA)

TIKHOMIROV, B.N. [Floating larch on the rivers of Eastern Siberia] Splav listvennitsy po rekam Vostochnoi Sibiri. Moskva, Goslesbumizdat, 1959. 44 p.

TIURIN, A.V. [Principles of variational statistics in forestry] Osnovy variatsionnoi statistiki v primenenii k lesovodstvu. Moskva, Goslesbumizdat, 1961. 102 p.

USATIUK, M.K. [Storing vegetables] Opyt khraneniia ovoshchei. Moskva, Gos.izd-vo torg. lit-ry, 1961. 85 p.

VASKAN, G.K. [Soil cultivation in fruit-bearing orchards] Ukhod za pochvoi v plodonosiashchem sadu. Kishinev, Gos.izd-vo "Kartia moldovenlaske," 1961. 22 p. (Biblioteka plodovoda Moldavii)
(DA)

VSESOIUZNAIA AKADEMIIA SEL'SKOKHOZIAISTVENNYKH NAUK IMENI V.I. LENINA [Model technological charts for growing and harvesting farm crops applicable in working out scientific farming systems and compiling long-range and yearly plans for collective and state farms of Ryazan Province] Primernye tekhnologicheskie karty po vozdelyvaniiu i uborke sel'skokhoziaistvennykh kul'tur dlia ispol'zovaniia pri razrabotke nauchno-obosnovannykh sistem vedeniia khoziaistva, sostavlenila perspektivnykh i godovykh planov ego razvitiia v kolkhozakh i sovkhozakh Riazanskoi oblasti. Riazan', 1960. 169 p.

VYSOTSKII, A.A., and others. [Improvement and utilization of natural grasslands] Uluchshenie i ispol'zovanie prirodnykh kormovykh ugodii. Moskva, Gos.izd-vo sel'khoz. lit-ry, 1961. 143 p.
(DA)

ZHARIKOV, P.G. [Grain is our wealth] Zerno - nashe bogatstvo. [Moskva] Mosk. rabochii, 1961. 24 p. (Liudi, dela, plany)

ZHOLNEROVICH, A. M., and A. I. DANILOVICH. [Agricultural utilization of drained areas] Sel'skokhozyaistvennoe osvoenie osushennykh zemel'. Moskva, Izd-vo "Znanie," 1961. 31 p. (Vsesoyuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser 5, sel'skoe khoziaistvo, no 12)

ZHUKOV, G. V. [Paratyphoid in young farm animals] Paratif molodniaka. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 135 p.
(DA)

16. TECHNOLOGY

[ADVANCED TECHNOLOGY IN CONSTRUCTION, experience of road building organizations] Peredovaia tekhnologiia v stroitel'stve, opyt dorozhnykh stroitel'nykh organizatsii. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 73 p.
[MICROFILM]

AGEEV, D. N., G. P. KURASOVA, and O. M. PRIKHOD'KO. [Prestressed spun structure for a foundation made of keramzitobeton] Predvaritel'no napriazhennoe proletnoe stroenie peshekhodnogo mosta iz keramzitobetona. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 68 p.

AGEEV, L. M., P. P. BABIN, and V. A. SMIRNOV. [Technology of the main branches of industry] Tekhnologiia vazhneishikh otraslei promyshlennosti, uchebnoe posobie dlia vysshikh partiinykh shkol. Pod red. G. V. Sofronova. Moskva, Izd-vo VPSh i AON pri TsK KPSS.
Pt. 4. [Food industry] Pishchevaia promyshlennost'. 1961. 189 p.

AKADEMIIA BUDIVNYTSTVA I ARKHITEKTURY URSR. Institut vodosnabzhheniia, kanalizatsii, gidrotekhnicheskikh sooruzhenii i inzhenernoi gidrogeologii. [Hydraulics of structures and pipe] Gidravlika sooruzhenii i truboprovodov, sbornik statei. Pod red. A. A. Uginchusa. Kiev, Gos. izd-vo lit-ry po stroit., i arkhit. USSR, 1961. 122 p.

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. Institut iazykoznaniia. [Technical terminology, Georgian-Russian part] Tekhnicheskaia terminologiia, Gruzinsko-russkaia chast'. Pod red. V. M. Beridze, R. R. Dvali i R. B. Gamkrelidze. Tbilisi, 1960. 459 p.

AKADEMIIA NAUK SSSR. Laboratoriia aerometodov. [Use of aerial methods in the investigation of natural resources] Ispol'zovanie aerometodov pri issledovanii prirodnykh resursov. Moskva, 1961. 278 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut betona i zhelezobetona, Perovo. [Instructions for manufacturing large air-entrained concrete articles] Ukazaniia po izgotovleniiu krupnorazmernykh gazobetonnykh izdelii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit materialam, 1960. 30 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut betona i zhelezobetona, Perovo. [Instructions for planning floors in plants with corrosive atmospheres] Instruktsiia po proektirovaniiu polov v tsekhakh s agressivnymi sredami. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 93 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Concrete and reinforced-concrete work in building monolithic structures] Betonnye i zhelezobetonnye raboty pri vozvedenii monolitnykh sooruzhenii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 362 p. (Serila posobii po povysheniiu masterstva stroitelei)

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Construction and assembly cranes; a reference manual] Stroitel'no-montazhnye krany, spravochnoe posobie. Izd. 2. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 411 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Temporary instructions for carrying out building and assembly operations in the Far North and in permafrost regions] Vremennye ukazaniia po proizvodstvu stroitel'no-montazhnykh rabot v usloviiakh Krainego Severa i raionov rasprostraneniia mnogoletnei merzloty VU 2-60. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 59 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. Biuro tekhnicheskoi informatsii. [Technical characteristics of building and assembly cranes of the U. S. S. R.] Tekhnicheskie kharakteristiki stroitel'no-montazhnykh kranov SSSR. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 44 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut osnovanii i podzemnykh sooruzhenii. [Instructions for hardening ground by silicates] Instruktsiia po silikatizatsii gruntov. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 53 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut osnovanii i podzemnykh sooruzhenii. [Instructions for the stabilization of sandy soils with carbamide resin] Ukazaniia po zakrepleniiu peschanykh gruntov karbamidnoi smoloi. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 17 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut po stroitel'stvu, Rostov-on-Don. [Album of heating furnaces and stoves] Al'bom otopitel'nykh i bytovykh pechei. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
Pt. 1 [Heating furnaces] Pechi otopitel'nye. 1961. 85 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut stroitel'nykh konstruktsii. [Building elements using plastics abroad and prospects for their use in the U. S. S. R.] Stroitel'nye konstruktsii s primeneniem plastmass za rubezhom i perspektivy ikh primeneniia v SSSR. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 151 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Leningradskii filial. [Three-dimensional mesh-reinforced concrete articles] Armotsementnye prostranstvennye konstruktsii, sbornik nauchnykh soobshchenii. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 138 p.

AL'BOV, M. N. [Sampling of ore deposits] Oprobovanie rudnykh mestorozhdenii. Izd. 3, peresmotrennoe i dop. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 255 p.

ALEKSANDROV, V. A. [Graphite lubricated rail joints] Rel'sovye styki nagrafitovoi mazi. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 14 p.

ALEKSEEV, A. G., B. D. GANIAEV, and V. V. MARKELOV. [Industrial installation of large preassembled electric equipment at industrial enterprises] Industrial'nyi krupnoblochnyi montazh elektrooborudovaniia promyshlennykh predpriiatii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 123 p.

ALEKSEEV, A. P. [Overall mechanization of construction operations in the electrification of railroads] Kompleksnaia mekhanizatsiia stroitel'nykh rabot pri elektrifikatsii zheleznykh dorog. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 141 p.

ALEKSEEV, G. P., and I. S. MAZOVER. [Manual for machinery designers and builders, formulas and calculations] Spravochnik konstruktora-mashinostroitelia, formuly i raschety. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 447 p.

ALIAPYSHEV, V. G. [Multiple-spot strain measuring of cyclodynamic processes] Opyt mnogotochechnogo tenzometrirovaniia tsiklodinamicheskikh protsessov. Leningrad, 1960. 16 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serilia: Elektricheskie metody obrabotki metallov, no. 7)

ALIDZAEV, E. D. [Degasification of coal beds] Degazatsiia ugol'nykh plastov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 44 p. (Biblioteka molodogo shakhtera)

ALISOVA, S. P., and others. [Phase diagrams of metallic systems published in 1955] Diagrammy sostoianiia metallicheskikh sistem, opublikovannye v 1955 godu. Pod red. N. V. Ageeva. Moskva,
No. 1. 1959. 134 p.

ALIMOV, S. P., M. G. LEIBSON, and P. I. KHODOVETS. [Increasing oil recovery; Sakhalin oil workers' practice] Intensifikatsiia dobychi nefti; opyt sakhalinskikh neftianikov. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 71 p.

ANASHKIN, A. T., and others. [Disassembling and assembling the SK-3 combine] Razborka i sborka kombaina SK-3. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 230 p.

ANGELEVICH, M. M. [Carbon electrodes and graphitized products] Uglerodistye elektrody i grafitirovannye izdeliia. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 176 p.

[ANTENNAS WITH ELLIPTICAL POLARIZATION; theory and practice. Collection of translated articles] Antenny ellipticheskoi poliarizatsii, teoriia i praktika. Sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1961. 355 p.

ANUREEVA, V. A. [Principles of planning and design of public eating establishments] Osnovy proektirovaniia predpriiatii obshchestvennogo pitaniia. Moskva, Gos. izd-vo torg. lit-ry, 1961. 263 p.

APTOV, I. S., and M. V. KHOMIAKOV. [Maintenance of insulating oil] Ukhod za izoliatsionnym maslom. Moskva, Gos. energ. izd-vo, 1960. 70 p. (Biblioteka elektromontera, no. 27)

ARISTOV, D. B., V. KH. ZISKINDER, and I. E. SHAPIRO. [Modern automatic machines for packaging and packing food products] Sovremennye avtomaty dlia rasfasovki i upakovki pishchevykh produktov. Moskva, Vses. in-t nauchnoi i tekhn. informatsii, 1961. 102 p.

AVAKH, IU. A. [Regulation of the parameters and characteristics of magnetic amplifier cores] Kontrol' parametrov i kharakteristik serdechnikov magnitnykh usilitelei, obzor zarubezhnoi literatury. Moskva, Gos. energ. izd-vo, 1960. 135 p.

AVLASENKO, IU. G., and M. M. KOVALEVSKII. [Automatic control of mining equipment] Avtomatizatsiia shakhtnykh ustanovok. Izd. 2, dop. i perer. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1960. 458 p.

AVLASOVA, N. M., and N. V. GORELYSHEV. [Dependence of the structure and characteristics of asphalt concrete upon its proportioned components] Zavisimost' struktury i svoistv asfal'tobetona ot dozirovaniia komponentov. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1960. 32 p.

BACIA, K., B. WITKOWSKI, and I. WITKOWSKI. [Manual for upholsterers. Abridged translation from the Polish] Rukovodstvo dlia obivshchikov miagkoi mebeli. Moskva, Goslesbumizdat, 1961. 181 p.

BADYL'KES, I. S., and R. L. DANILOV. [Refrigeration systems with steam-jet units as booster compressors] Sistemy okhlazhdeniia s primeneniem parostrujnykh priborov v kachestve bustel-kompressorov. Moskva, Gos. izd-vo torg. lit-ry, 1961. 27 p.

BALIKHIN, M. I. [Potentials for lowering the net cost of construction; from the experience of building organizations of the Main Division for Housing and Public Construction in the City of Moscow] Rezervy snizheniia stoimosti stroitel'stva, iz opyta raboty stroitel'nykh organizatsii Glavmosstroia. [Moskva] Mosk. rabochii, 1961. 71 p.

BARANOV, N. A., and B. G. GORBOVSKII. [Technology and automation of cellulose production] Tekhnologiia i avtomatizatsiia tsellulioznogo proizvodstva. Moskva, Goslesbumizdat, 1961. 471 p.

BARANOVSKII, M. A. [Mechanization and automation of sheet-metal work] Mekhanizatsiia i avtomatizatsiia shtampovochnogo proizvodstva. Minsk, Gos. izd-vo BSSR Red. nauchno-tekhn. lit-ry, 1960. 233 p.

BASHKATOV, V. I. [Automobile trains] Avtomobil'nye poezda. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1960. 62 p.

BELIAEV, G. S. [Mechanization of fitting and assembling operations in marine engineering] Mekhanizatsiia slesarno-sborochnykh i montazhnykh rabot v sudovom mashinostroenii. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 267 p.

BELINSKII, S. IA., and V. A. VEDIAEV. [Thermal sections of electric power plants; heat engineering systems] Teplovaia chast' elektricheskikh stantsii; teploenergeticheskie ustanovki. Pod red. L. I. Kertselli. Moskva, Gos. energ. izd-vo, 1961. 303 p.

BELKIN, L. I., and others. [The "Moskvich-407" automobile, design and maintenance] Avtomobil' "Moskvich" modeli 407; konstruktsiia i tekhnicheskoe obsluzhivanie. Pod red. A. F. Andronova. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 398 p.

BELOTSERKOVSKII, G. B. [Radar apparatus] Radiolokatsionnye ustroistva. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1961. 431 p.

BEN'KOVSKII, D. D., and others. [Technology of ship repairs] Tekhnologiia sudoremonta. Pod obshchei red. D. D. Ben'kovskogo. Moskva, Izd-vo "Morskoi transport," 1961. 559 p.

BEREZHNOI, F. P. [Manual for the chiefs of city fire departments] Posobie dlia nachal'nikov gorodskikh pozharnykh chastei. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1960. 135 p.

BOBOSHKO, K. K. [The goldfish serves man, a book for the inquisitive] Zolotaia rybka sluzhit cheloveku, knizhka dlia liuboznatel'nykh. [Dnepropetrovsk] Dnepropetrovskoe knizhnoe izd-vo, 1960. 176 p.

BOGDANOVICH, M. M., and P. A. IL'IN. [Gyroscopic devices and equipment, theoretical principles] Giroskopicheskie pribory i ustroistva; osnovy teorii. Leningrad, Gos. soiuznoe izd-vo sudostroit. promysht., 1961. 360 p.

BOGORODITSKII, N. P., V. V. PASYNKOV, and B. M. TAREEV. [Electric engineering materials] Elektrotekhnicheskie materialy. Izd. 4., perer. Moskva, Gos. energ. izd-vo, 1961. 528 p.

BOICHUK, V. S. [Pocket handbook for the road builder] Karmannyi spravochnik dorozhnika. Kiev, Gos. izd-vo lit-ry po stroit., arkhit. USSR, 1961. 254 p.

BOLOBAN, N. A., and A. V. GURENKOV. [Practice of erecting precast reinforced-concrete bunker trestles at blast furnaces] Opyt montazha sbornykh zhelezobetonnykh bunkernykh estakad domennykh tsekhov. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 65 p.

BOLOTIN, V. V. [Statistical methods in structural mechanics] Statisticheskie metody v stroitel'noi mekhanike. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 201 p.

BORISOV, N. I., ed. [Inertial navigation, collection of translated articles] Problemy inertsial'noi navigatsii; sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1961.

BORNATSKII, I. I. [Physical chemistry of the basic open-hearth process] Fizicheskaia khimiia osnovnogo martenovskogo protsessa. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 202 p.

BREIDO, I. IA. [Electron-tube d.c. signal amplifiers] Lampovye usiliteli signalov postoiannogo toka. Moskva, Gos. energ. izd-vo, 1961. 87 p. (Massovaia radiobiblioteka, no. 384)

BRILLIANTOVA, N. P., and G. M. VOLKOV. [Powerful single-bucket excavators in coal mining] Moshchnye odnokovshovye ekskavatory v ugol'noi promyshlennosti. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 41 p.

BRODIANSKII, I. KH. [Marking of welded shaped sections of pipelines; new table-graphic method] Razmetka svarnykh fasonnykh chastei truboprovodov; novyi tablichno-graficheskii metod. Leningrad, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry Leningr. otd-nie, 1961. 230 p.

BROMBERG, A. A., and others. [Road machinery; an atlas of designs] Dorozhnye mashiny; atlas konstruktsii. Pod red. A. A. Bromberga. Izd. 2., perer. i dop [Moskva] Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 153 p.

BUNN, D. A., and others. [Radio-relay communication in railroad transportation] Radioreleinaia sviaz' na zheleznodorozhnom transporte. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 270 p.

BURDZGLA, N. L. [Static design of hydraulic engineering tunnels] Staticheskii raschet gidrotekhnicheskikh tunnelei. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 194 p.

BUTT, IU. M., and L. N. RASHKOVICH. [Hardening of binding materials at high temperatures] Tverdenie viazhushchikh pri povyshennykh temperaturakh. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 231 p.

CHERKASSOV, N. A. [Masonry and facings] Kamennye i oblitsovochnye raboty. Izd. 2., dop. i perer. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 366 p.

CHESNOKOVA, N. G. [Electric lighting of repair shops and industrial enterprises on railroads] Elektricheskoe osveshchenie depo i promyshlennykh predpriiatii zheleznodorozhnogo transporta. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 29 p.

CHESNOKOVA, N. G., and L. S. SABLINA. [Lighting engineering handbook for designing lighting in repair shops and industrial enterprises of railroad transportation] Svetotekhnicheskii spravochnik dlia proektirovaniia osveshcheniia depo i promyshlennykh predpriiatii zheleznodorozhnogo transporta. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 142 p.

CHILIKIN, M. G. [General course on electric driving] Obshchii kurs elektroprivoda. Izd. 3., dop. i perer. Moskva, Gos. energ. izd-vo, 1961. 471 p.

CHISTIAKOV, S. F. [Principles of designing, installing, and operating automatic control and heat-engineering control devices] Osnovy proektirovaniia montazha ekspluatatsii ustroistv teplotekhnicheskogo kontrolia i avtomatiki. Moskva, Gos. energ. izd-vo, 1961. 255 p.

CHIZHIKOV, N. I. [New ShASh-1 sluice for shaft sinking with compressed air] Novyi shliuzovoi apparat ShASh-1 dlia prokhodki shakhtnykh stvolov pod szhatym vozdukhom. Moskva, TSentr. biuro tekhn. informatsii, 1959, 20 p.

CIGÁNEK, VILÉM. [Waterproofing. Translated from the Czech] Gidroizolitatsiia. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 179 p.

[CLOTHING FOR WOMEN, CHILDREN AND MEN; album of styles for 1960-1961] Zhenskaia, detskaia i muzhskaia odezhda; al'bom mod 1960-1961 gg. Kiev, [n. d.] 60 p. (Modeli odezhdy)

DADIOMOV, M. S. [Lighting with floodlights] Prozhektornoe osveshchenie. Moskva, Gos. energ. izd-vo, 1960. 211 p.

DASHEVSKII, S. I. [Manufacture of rails] Proizvodstvo gvozdei. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 159 p.

DEMCHUK, I. S. [Using ultrasonic waves to intensifying technological processes] Ul'trazvukovaia intensifikatsiia tekhnologicheskikh protsessov. Pod obshchei red. L. IA. Popilova. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 88 p. (Bibliotechka elektrotekhnologa i ul'trazvukovika, no. 7)

DEREVITSKII, N. A., ed. [Advanced methods of railroad operation workers] Peredovye metody truda rabotnikov dvizhenila. Moskva, Gos. transp. zhel-dor izd-vo, 1962. 190 p.

[DEVICES FOR MULTIPLE MACHINING OF PARTS, experience of some Leningrad plants] Prisposobleniia dlia gruppovoi obrabotki detalei, opyt nekotorykh leningradskikh zavodov. [Leningrad] Lenizdat, 1960. 264 p.

DIOMIDOVSKII, D. A. [Metallurgical furnaces in nonferrous metallurgy] Metallurgicheskie pechi tsvetnoi metallurgii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 728 p.

DOLIN, P. A. [Manual on safety engineering] Spravochnik po tekhnike bezopasnosti. Izd. 2., perer. Moskva, Gos. energ. izd-vo, 1960. 367 p.

DOLIN, P. I., and B. V. ERSHLER. [Radiolysis of water in the presence of H_2 and O_2 caused by reactor radiation, fission fragments, and X rays] Radioliz vody v prisutstvii H_2 i O_2 pod deistviem izluchenila reaktora, oskolkov deleniia i rentgenovskogo izluchenila. Moskva, 1955. 30 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

DONSKOI, A. V., and G. V. IVENSKII. [New induction heating systems with ionic frequency converters] Novye elektrotermicheskie ustanovki s ionnymi preobrazovateliami chastoty. Leningrad, 1961. 30 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Elektricheskie metody obrabotki metallov, no. 1)

DOSTAL', V. G. [Forests of the Ob-Irtysh Basin and their industrial utilization] Lesa Ob'-Irtyshskogo basseina i ikh promyshlennaia ekspluatatsiia. Moskva, Goslesbumizdat, 1961. 107 p.

DRAKIN, I. I. [Aerodynamic and radiation heat transfer in flight] Aerodinamicheskii i luchistyi nagrev v polete. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1961. 94 p.

DRALIUK, B. N., and G. V. SINAISKII. [Strip thickness regulator on a continuous cold rolling mill] Regulator tolshchiny polosy na nepreryvnom stane kholodnoi prokatki. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1961. 76 p.

DROBASHCHENKO, I. T., and A. N. KSENOFONTOV. [Fundamentals of electronics and radio engineering] Osnovy elektroniki i radiotekhniki. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 283 p.

DUBINSKII, A. M. [Calculating the bearing capacity of reinforced-concrete slabs] Raschet nesushchei sposobnosti zhelezobetonnykh plit. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 180 p.

DVALI, R. R. [Studies in the theory of motor vehicles] Issledovaniia po teorii avtomobilia. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR.
Pt. 1. 1961. 81 p.

DYMSHITS, M. A. [Repairing press-forging equipment] Remont kuznechno-pressovogo oborudovaniia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 140 p.

EFIMOV, I. E. [Multilayer communication lines] Mnogosloinye provoda sviazi. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1961. 143 p.

EICHIS, A. P. [Crystallite, protective and decorative metal coating] Kristallit, zashchitno-dekorativnoe pokrytie metallov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 142 p.

[ELECTRIC TOOLS FOR TRACK MAINTENANCE AND REPAIR] Elektricheskii putevoi instrument. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 133 p. (Bibliotechka puteitsa-mekhanizatora)

[ELECTRIC WELDER'S HANDBOOK] Spravochnik elektrosvarshchika. Izd 3., perer. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 748 p.

ELIZAROV, P. P. [Operating high-pressure boiler units at electric power plants] Ekspluatatsiia kotel'nykh ustanovok vysokogo davleniia na elektrostantsiiakh. Moskva, Gos. energ. izd-vo, 1961. 399 p.

ENGLIN, B. A. [Using motor fuels at low temperatures] Primenenie motornykh topliv pri nizkikh temperaturakh. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 96 p.

EPIFANOV, D. E. [Protective grounding of electric systems in mining] Zashchitnye zazemleniia elektricheskikh ustanovok v gornorudnoi promyshlennosti. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 161 p.

ERMILOV, V. G. [Controlling steam distribution of marine steam engines] Regulirovanie paroraspredeleniia sudovykh parovykh mashin. Izd. 2., dop. i perer. Leningrad, Izd-vo "Morskoi transport," 1961. 202 p.

ESTERKIN, R. I. [Experience in adjusting boiler units operating on gas fuel] Opyt naladki kotloagregatov na gazoobraznom toplive. Leningrad, 1961. 22 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia. Energetika, no. 2)

ETTEL', A. V. [Technology of agricultural machinery manufacturing] Tekhnologiia sel'skokhoziaistvennogo mashinostroeniia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 287 p.

EVIN, G. D. [Mechanization of the repair of caustic storage batteries] Mekhanizatsiia remonta vagonnykh shchelochnykh akkumuliatorov. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 32 p.

FAL'KOVICH, S. E. [Reception of radar signals in the presence of fluctuational background noise] Priem radiolokatsionnykh signalov na fone fluktuatsionnykh pomekh. Moskva, Izd-vo "Sovetskoe radio," 1961. 310 p.

FEDELEV, A. S. [Basic considerations in quarrying rocks, gravel, and sand] Osnovnye raschety pri otkrytoi razrabotke nerudnykh stroitel'nykh materialov. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 171 p.

FEDORENKO, V. A., and A. I. SHOSHIN. [Handbook on mechanical drawing] Spravochnik po mashinostroitel'nomu chercheniiu. Izd. 6., ispr. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 264 p.

FEDOROV, N.F., and V.M. GUPALOV. [Sanitary engineering] Sanitarnaia tekhnika. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 343 p.

FEDOSEEVA, L.O. [Amplifying devices] Usilitel'nye ustroistva. Moskva, Gos. izd-vo "Iskusstvo," 1961. 340 p.

FELD, S.D. [Planning the development of new machinery] Planirovanie razvitiia novoi tekhniki. Moskva, Gosplanizdat, 1961. 319 p.

FEL'DSHTEIN, E.I. [Better utilization of metal cutting tools, fundamentals of efficient operation] Kak luchshe ispol'zovat' rezhushchii instrument; osnovy ratsional'noi ekspluatatsii. Minsk, Gos. izd-vo BSSR. Red. proizv. lit-ry, 1960. 270 p.

FILIKEVICH, V.IA. [Balancing of gang saw mills] Uravnoveshivanie lesopil'nykh ram. Moskva, Goslesbumizdat, 1961. 31 p.

FISHBEIN, P.A., and D.S. BEINISHMAN. [Changes in the design and interchangeability of units and parts of the ZIS-5, UralZIS-355 and UralZIS-355V and UralZIS-355M motor vehicles] Konstruktivnye izmeneniia i vzaimozameniaemost' uzlov i detalei avtomobilei ZIS-5, UralZIS-355, UralZIS-355V i UralZIS-355M. Moskva, Avtotransizdat, 1961. 56 p.

FISHMAN, M.A., and D.S. SOBOLEV. [Nonferrous and rare metal ore dressing practice] Praktika obogashcheniia rud tsvetnykh i redkikh metallov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu. Vol. 1. [Dressing of nickel and cobalt ores] Obogashchenie nikelevykh i kobal'tovykh rud. Pod red. A.V. Troitskogo. 1961. 190 p.

GAENKO, L.M. [Running in and testing repaired motor vehicle engines] Priraborka i ispytanie avtomobil'nykh dvigatelei posle remonta. Moskva, Avtotransizdat, 1961. 47 p.

GAGARIN, IURII. [Road into space, notes of a pilot astronaut of the U.S.S.R.] Doroga v kosmos; zapiski letchika-kosmonavta SSSR. [Moskva] Izd-vo "Pravda," 1961. 223 p.

[GAGARIN'S FLIGHT, materials published in Pravda] Polet Gagarina, materialy, opublikovannye v "Pravde." Moskva, Izd-vo "Pravda," 1961. 15 p.

GALAKTIONOV, A.T., and others. [Welding handbook] Spravochnik rabochego svarshchika. Pod red. V.V. Stepanova. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 630 p.

GAVRILKO, V.M. [Filters used in water supply and drainage wells and groundwater exploratory boreholes] Fil'try vodozabornykh, vodoponizitel'nykh i gidrogeologicheskikh skvazhin. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 163 p.

GERASIMOV, S.M., I.N. MIGULIN, and V.N. IAKOVLEV. [Design and transistor amplifiers and oscillators] Raschet poluprovodnikovykh usilitelei i generatorov. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 130 p.

GIL'ZIN, K.A. [Travel to distant worlds] Puteshestvie k dalekim miram. Moskva, Gos. izd-vo detskoi lit-ry M-va prosv. RSFSR, 1960. 310 p. (Shkol'naia biblioteka)

[GLASS IN CONSTRUCTION. Translated from the Czech] Steklo v stroitel'stve, sbornik statei. Pod red. V.M. Ianishevskogo. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 175 p.

GLIKIN, N.M., and M.S. KORNENKO. [Technology of hot metalworking] Tekhnologiia goriachei obrabotki metallov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 280 p.

GLUSHKOV, G.S., I.R. EGOROV, and V.V. ERMOLOV. [Formulas for designing continuous beams and frames] Formuly dlia rascheta nerazreznykh balok i ram; spravochnoe posobie. Pod red. G.S. Glushkova. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 342 p.

GOLOSOVSKII, I.M., and G.L. ARZUMANOV. [The star age] Zvezdnyi chas mira. Moskva, Izd-vo "Znanie," 1961. 44 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 10, Molodezhnaia, no. 7)

GONCHARENKO, V.V. [Story of gliding as a sport] Rasskaz o planernom sporte. Moskva, Izd-vo DOSAAF, 1960. 102 p.

GONCHAROV, A.V. [Reading machine drawings ... arrangement ... maintenance and setting] [illegible] 1961. [illegible] p.

GONCHAROVA, V.V. [... machinery manufacturing] [illegible] Moskva, [illegible] mashinostroit. lit-ry, 1961. [illegible] p.

GORNOPOL'SKII, A.I., and I. I. [illegible] [... and repair of mining machines ...] [illegible] 1960. 310 p.

GOSUDARSTVENNYI NAUCHNO-ISSLEDOVATEL'SKII [illegible] [Manual for ... water supply ...] [illegible] 272 p.

GRIAZNOV, I.M., [illegible] [... the strength of materials ...] [illegible] 1961. 100 p.

GRINBERG, G.P., [illegible] [... of equipment at electric ...] [illegible] 1960. [illegible] p.

(Continued)

GROZIN, B.D. [... the wear of machine parts] [illegible] 1960. 36 p. [illegible]

GRUSHEVOI, [illegible] [Handbook for locomotive ...] [illegible] Moskva, [illegible] putei soobshcheniia, 1961. [illegible] p.

GUBIAEV, A.I., and V.P. [illegible] [Automation ... of welding ...] [illegible] 1960. [illegible]

GUREVICH, M.M. [Carbon ... drilling] [illegible] 1960. 270 p.

GUSEVA, [illegible] [... of metals] [illegible] Moskva, [illegible] 1961. 40 p. (Biblioteka elektromontera, [illegible])

[HEAT RESISTANT MATERIAL MADE OF BAKED ALUMINUM POWDER (SAP); a collection of articles] [illegible] 1961. 132 p.

HLE[illegible], V.F. [... preparation, methods of processing ...] [illegible] 1961. 41 p. [illegible]

HOMOLA, FRANTISEK, and MILAN, [illegible] [Development of electrification in the Czechoslovak Socialist Republic] [illegible] Moskva, Gosenergoizdat, 1961. 80 p.

[HYDRAULIC GEAR AND ... FOR RAILROAD TRACKS, design, operation, and repair] [illegible] Moskva, Vses. izdatel'sko-poligr. ob'edinenie M-va putei soobshcheniia, 1961. 49 p. (Biblioteka [illegible] mekhanizatora)

IAKOVLEV, [illegible]

IAKOVLEV, [illegible]

IAKOVLEV, [illegible] 1961. [illegible]

IBRAGIMOV, [illegible]

IL'IN, [illegible]

IONIN, [illegible]

IVANOV, [illegible] 1961. [illegible]

IONOV, A. [illegible]

IPPOLITOV, [illegible] 1961. [illegible]

ISLAMOV, [illegible] Moskva, [illegible]

IVANOV, A.P., and [illegible] Moskva, [illegible] lit-ry, 1961. 330 p.

IVANOV, [illegible] and [illegible] MIKHAILOV [illegible]

KABANOV, N.S., and K.SH. [illegible] Moskva, [illegible] mashinostroit. lit-ry, 1961. [illegible]

KALASHNIKOV, N.V., and [illegible] Moskva, [illegible] 1961. [illegible]

KALECHITS, S.N. [Methods manual for ... special training at building and trade schools ...] [illegible] Moskva, Vses. uchebno-pedagog. izd-vo Trudrezervizdat, 1961. 110 p.

KAL[illegible]EVSKAIA, V.A. [Teaching mechanical ... in eight-year schools according to the new programme] O prepodavanii [illegible] Moskva, Izd-vo Akad. pedag. nauk RSFSR, 1961. 34 p.

KALIUZHNYI, N. T., and A. E. VIDULIN. [Distribution of hard headings in developing coal deposits] Raspolozhenie polevykh vyrabotok pri razrabotke ugol'nykh mestorozhdenii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 106 p.

KANZANDZHAN, P. K., and A. V. KUZNETSOV. [Propeller turbines; characteristics of performance and operation] Turbovintovye dvigateli; rabochii protsess i ekspluatatsionnye kharakteristiki. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 263 p.

KARAPET'IANTS, M. KH., and CH'ÊNG KUANG-Y'ÜEH. [Boiling point and pressure of hydrocarbon saturated vapors] Temperatura kipeniia i davlenie nasyshchennogo para uglevodorodov. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 241 p.

KARIAGIN, A. V., and G. M. SOLOV'EV. [Driver's training manual] Posobie dlia podgotovki shoferov. Minsk, Gos. izd-vo BSSR, Red. nauchno-tekhn. lit-ry, 1961. 383 p.

KARPOV, V. V., M. E. MEITUS, and N. IA. TSUKERMAN. [Roofing and waterproofing operations; reference manual] Krovel'nye i gidroizoliatsionnye raboty; spravochnoe posobie. Pod obshchei red. V. V. Karpova. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 302 p.

KASENKOV, M. A. [Forging and small casting furnaces] Kuznechnye i malye plavil'nye pechi. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 186 p.

KASHCHEEV, V. D. [Underground coal mining systems] Sistemy podzemnoi razrabotki ugol'nykh mestorozhdenii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 70 p. (Bibliotechka molodogo shakhtera)

KATANOV, B. A., and M. S. SAFOKHIN. [Using rotary drilling rigs in coal beds] Stanki vrashchatel'nogo bureniia na ugol'nykh razrezakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 148 p.

KATKOV, F. A. [Multifrequency narrow-band remote control systems] Mnogochastotnye uzkopolosnye sistemy telеupravleniia. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1960. 207 p.

KAZANSKII, N., and A. ORLOV. [Methodological manual for training radiotelegraph operators] Metodicheskoe posobie po obucheniiu radiotelegrafistov. Moskva, Izd-vo DOSAAF, 1960. 135 p.

KEMPINSKII, M. M. [Measuring spring heads manufactured by the Leningrad Instrument Plant, experience in using and repairing] Pruzhinnye izmeritel'nye golovki Leningradskogo instrumental'nogo zavoda, opyt ekspluatatsii i remonta. Leningrad, 1961. 18 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia. Kontrol' kachestva produktsii, no. 1)

KESSEL', N. K., and others. [Equipment and devices for assembling structural elements] Oborudovanie i prisposobleniia dlia montazha stroitel'nykh konstruktsii. Minsk, Redaktsionno-izdatel'skii otdel BPI im. I. V. Stalina, 1960. 48 p.

KHALIZEV, G. P. [Automatic control and regulation of electric drives] Avtomaticheskoe upravlenie i regulirovanie elektroprivodami. Moskva, Ugletekhizdat.
Lecture 4. [Contactor-type relay control of electric drives] Releino-kontaktornoe upravlenie elektroprivodami; obshchie printsipy. 1959. 27 p.

KHAR'KOVSKII TRAKTOROSBOROCHNYI ZAVOD. [The T-75 tractor; operating manual] Traktor T-75; rukovodstvo po ekspluatatsii. Pod red. B. P. Kashuba. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 374 p.

KHAZAN, I. A. [Steel highway bridges abroad] Stal'nye avtodorozhnye mosty za rubezhom. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shossеinykh dorog RSFSR, 1961. 150 p.

KHOMUTOV, A. I. [Steel alloys and iron alloys] Legirovannye stali i splavy. Moskva, Izd-vo "Znanie," 1961. 46 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 4, Tekhnika, no. 10)

KHRISANOV, M. I., and A. S. KRYLOV. [Installation and adjustment of hoisting and conveying machinery] Montazh i naladka pod"emno-transportnykh mashin. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 236 p.

KIL'KEVICH, O. L. [Pamphlet on safety measures for the plasterer] Pamiatka po tekhnike bezopasnosti dlia shtukatura. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 21 p. (Tekhnika bezopasnosti)

KIST'IANTS, L. K., and others. [Design of burners and spray burners for heating furnaces] Konstruktsii gorelok i forsunok dlia nagrevatel'nykh pechei. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 43 p.

KLIACHKIN, IA. L. [Laboratory manual on welding] Laboratornyi praktikum po svarke. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 215 p.
[MICROFILM]

KOKURIN, A. D. [Role played by chemistry in technological progress] Rol' khimii v tekhnicheskom progresse. Leningrad, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, Leningr. otd-nie, 1961. 52 p.

KOLDOMASOV, IU. I. [Comprehensive development of Soviet transportation] Kompleksnoe razvitie transporta SSSR. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 179 p.

KOLOBNEV, I. F. [Heat treatment of aluminum alloys] Termicheskaia obrabotka aliuminievykh splavov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 413 p.

KOMPLEKSNAIA IUZHNAIA GEOLOGICHESKAIA EKSPEDITSIIA, 1956. [Transactions of the Southern Geological Expedition, 1956] Trudy. Pod red. I. O. Broda, Leningrad, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, Leningr. otd-nie
No. 6. [Geology and the oil and gas potentials of the southern U. S. S. R., Ciscaucasia] Geologiia i neftegazonosnost' IUga SSSR, Predkavkaz'e. 1961. 396 p.

KONOBEEVSKII, S. T., N. F. PRAVDIUK, and V. I. KUTAITSEV. [Effect of radiation on the structure and properties of fissionable materials] Vliianie oblucheniia na strukturu i svoistva delящikhsia materialov. Moskva, 1955. 14 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

KORNEEV, G. K. [Installation of elevators in apartment houses, public buildings and industrial plants] Ustanovka liftov v zhilykh, obshchestvennykh i promyshlennykh zdaniiakh. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 110 p.

KORNEEV, G. V. [Conveyers and elevators for agricultural use, theory and principles of designing] Transportery i elevatory sel'skokhoziaistvennogo naznacheniia; teoriia i osnovy proektirovaniia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry Mashgiz, 1961. 230 p.

KORNILOV, I. I., and P. B. BUDBERG. [Phase diagrams of two- and three component systems of titanium] Diagrammy sostoianiia dvoinykh i troinykh sistem titana. Moskva, Vses. in-t nauchnoi i tekhn. informatsii, 1961. 172 p.

KOVALEV, A. G. [Corrosion control in oil wells] Bor'ba s korroziei neftianykh skvazhin v SShA. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1959. 42 p.

KOZLOV, D. A. [Maintenance and repair of metal-cutting tools] Remont i mezhremontnoe obsluzhivanie metallorezhushchikh stankov. Minsk, Gos. izd-vo BSSR, Red. nauchno-tekhn. lit-ry, 1961. 341 p.

KRAGEL', A. T. [Alignment of switch connections] Vypravka strelochnykh soedinenii. Izd. 3. Moskva, Izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 222 p.

KRECHETNIKOV, S. I., comp. [English-Russian dictionary of mechanical engineering and metalwork] Anglo-russkii slovar' po mashinostroeniiu i metalloobrabotke. Izd. 2., perer. i dop. Pod red. N. S. Acherkana. Moskva, Glav. red. inostr. nauchno-tekhn. slovarei Fizmatgiza, 1961. 678 p.

KREMPOL'SKII, V. F. [Information on cartography for the map-factory worker] Pamiatka po kartografii dlia rabochego kartograficheskoi fabriki. Izd. 3., ispr. i dop. Moskva, Izd-vo geodez. lit-ry, 1961. 108 p.

KRIUKOV, A. D. [Thermal analysis of motor vehicle transmissions] Teplovoi raschet transmissii transportnykh mashin. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 139 p.

KRIVORUCHKO, S. S. [Operator of a coke-pushing machine; manual for on-the job training of qualified workers] Mashinist koksovytalkivatelia, uchebnik dlia podgotovki kvalifitsirovannykh rabochikh na proizvodstve. Khar'kov, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 173 p.

KROPOTOV, V. N. [Building and finishing materials] Stroitel'nye i otdelochnye materialy. Moskva, Gos. izd-vo "Vysshaia shkola," 1960. 311 p.

KRYLOV, N. P. [Performance of a gas-fired boiler system, experience in operating the thermal electric power plant of the "Krasnoe Znamia" Factory] Rabota kotel'noi na gazovom toplive; iz opyta TETs fabriki "Krasnoe znamia." Leningrad, 1961. 21 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Energetika, no. 1)

KRYLOV, V. A., and A. P. SOLOVEI. [Safety engineering in work on systems containing high-frequency and superhigh-frequency power generators] Bezopasnost' truda pri rabote na ustanovkakh s generatorami energii vysokikh i sverkhvysokikh chastot. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1961. 61 p.

KUGEL', R. V. [Life expectancy of motor vehicles] Dolgovechnost' avtomobilei. Pod red. A. A. Lipgarta. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 431 p.

KUKHTENKO, A. I., and others. [Automation of mining operations] Avtomatizatsiia ochistnykh i prokhodcheskikh rabot. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 274 p.

KUKLIN, B. K. [Analyzing the methods of mining flat seams in the Donets Basin] Analiz sistem razrabotki pologikh plastov Donbassa. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 415 p.

KULAKOVSKII, V. B. [Preventive testing of the insulation of large electric machinery] Profilakticheskie ispytaniia izoliatsii krupnykh elektricheskikh mashin. Moskva, Gos. energ. izd-vo, 1961. 135 p.

KULESHOV, A. V., and P. I. IL'IN. [Safety measures in the peat industry] Tekhnika bezopasnosti v torfianoi promyshlennosti. Moskva, Gos. energ. izd-vo, 1960. 166 p.

KULESHOV, N. A. [Open-pit mining] Otkrytye gornye raboty. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 327 p.

KULIKOVSKII, A. A., ed. [Radio amateur's handbook] Spravochnik radiolюbiteliа. Izd. 2. Moskva, Gos. energ. izd-vo, 1961. 560 p. (Massovaia radiobiblioteka, no. 394)

KULIKOVSKII, A. V. [The most economical types of livestock buildings] Naibolee ekonomichnye tipy zhivotnovodcheskikh pomeshchenii. Minsk, Gos. izd-vo BSSR, Red. sel'khoz. lit-ry, 1960. 122 p.

KUL'VINSKII, L. V. [Pipe-insulating machines and bitumen-melting units] Truboizolitsionnye mashiny i bitumoplavil'nye ustanovki. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 87 p. (V pomoshch' stroiteliam gazoprovodov)

KUPRIANOVA, L. P. [Manual for truck drivers] Pamiatka shoferu gruzovogo avtomobilia. Izd. 3., perer. i dop. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shossеinykh dorog RSFSR, 1961. 75 p. (Tekhnika bezopasnosti na avtotransporte)

KUT'IN, I. M., and G. A. TERPUGOV. [New speedy centralized train traffic-control system] Novaia bystrodeistvuiushchaia sistema dispetcherskogo kontrolia dvizheniia poezdov. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 24 p.

KUVYKIN, A. S., V. B. BELORUSSOV, and E. A. LEBEDEV. [Controlling circulation losses in Bashkir oil fields] Bor'ba s poglosheniiami promyvochnoi zhidkosti na neftepromyslakh Bashkirii. Ufa, Bashkirskoe knizhnoe izd-vo, 1961. 97 p.

KUZNETSOV, D. I., and A. L. ITKIN. [Repeated reconditioning of metal-cutting tools] Mnogokratnoe vosstanovlenie instrumentov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 277 p.

KUZNETSOV, V. I. [Achievements in the field of technological progress in the U. S. S. R.] Dostizheniia v oblasti tekhnicheskogo progressa v SSSR. Moskva, Vses. uchebno-pedagog. izd-vo Profitekhizdat, 1961. 303 p.

KVON, S. S. [Tapping gently-sloping coal layers] Vskrytie ugol'nykh plastov pologogo padeniia. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 125 p.

[LABOR PRODUCTIVITY IN THE FIELD INDUSTRY OF BASHKIRIA] Voprosy proizvoditel'nosti truda v neftedobyvaiushchei promyshlennosti Bashkirii, sbornik statei. Ufa, Bashkirskoe knizhnoe izd-vo, 1961. 121 p.

LACHINOV, N. V., and P. S. FARMAKOVSKII [Manual for fitters for installing pipes in thermal power plants] Pamiatka slesaria po montazhu truboprovodov v tsekhakh teplovykh elektrostantsii. Moskva, Gos. energ. izd-vo, 1960. 102 p.

LAGUN, I. I., K. S. NEKRASOV, and S. G. GORELIK [Vibrated brick panels in housing construction] Vibrokirpichnye paneli v zhilishchnom stroitel'stve, Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 136 p.

LAPSHIN, A. A. [Electric hygrometers] Elektricheskie vlagomery. Moskva, Gos. energ. izd-vo, 1960. 114 p. (Biblioteka po avtomatike, no. 21)

LASHKOV, A. S., and N. P. POLUSHKIN. [Results obtained from testing hydraulic units of hydroelectric power stations in dams] Nekotorye rezul'taty ispytanii gidroagregatov prilotinnykh gidroelektrostantsii. Moskva, Orgenergostroi, 1959. 58 p.

LENINGRAD. POLITEKHNICHESKII INSTITUT. [Design of mechanisms of industrial machinery] Raschet i proektirovanie mekhanizmov proizvodstvennykh mashin; konspekt lektsii professora N. I. Kolchina obrabotan i dopolnen dotsentom M. V. Gnuchevym. Leningrad, 1960. 73 p.

LENINGRAD. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT TSELLIULOZNOI I BUMAZHNOI PROMYSHLENNOSTI. [Manual for paper industry technicians] Spravochnik bumazhnika; (tekhnologa). Moskva, Goslesbumizdat.
Vol. 3. 1961. 719 p.

LENINGRADSKII DOM NAUCHNO-TEKHNICHESKOI PROPAGANDY. [Butt welding of short joints by means of the ADSh-500 automatic consumable wire arc-welding machine, from research by the MPS Bridge Research Institute] Svarka stykovykh soedinenii nebol'shoi protiazhennosti shlangovym avtomatom ADSh-500, iz opyta Nauchno-issledovatel'skogo instituta mostov MPS. Leningrad, 1952. 7 p. (Informatsionno-tekhnicheskii listok, no. 42(383))

LENINGRADSKII DOM NAUCHNO-TEKHNICHESKOI PROPAGANDY. [Color method for surface defect detection, experience of the Leningrad Metal Works] TSvetnoi metod vyiavlenija poverkhnostnykh defektov, opyt Leningradskogo metallicheskogo zavoda imeni Stalina. Leningrad, 1952. 5 p. (Informatsionno-tekhnicheskii listok, no. 8(349))

LENINGRADSKII DOM NAUCHNO-TEKHNICHESKOI PROPAGANDY. [Disk cutters with a mechanical fastening of hard-alloy tips] Diskovye frezy s mekhanicheskim kreplenlem plastinok tverdogo splava. Leningrad, 1952. 6 p. (Informatsionno-tekhnicheskii listok, no. 18(359))

LENINGRADSKII DOM NAUCHNO-TEKHNICHESKOI PROPAGANDY. [Efficiency promotion in safety engineering in machinery plants] Ratsionalizatsiia v oblasti tekhniki bezopasnosti na mashinostroitel'nykh zavodakh. Leningrad, 1952. 11 p. (Informatsionno-tekhnicheskii listok, no. 111(452))

LENINGRADSKII DOM NAUCHNO-TEKHNICHESKOI PROPAGANDY. [Electric-arc hard facing with T-590 and T-620 electrodes of parts subject to heavy wear, from practices of hydroelectric and heat power stations] Elektrodugovaia naplavka bystroiznashivaiushchikhsia detalei elektrodami T-590 i T-620, iz opyta GES i TETs. Leningrad, 1952. 11 p. (Informatsionno-tekhnicheskii listok, no. 1(342))

LENINGRADSKII DOM NAUCHNO-TEKHNICHESKOI PROPAGANDY. [Harmless LPI-2 flux for automatic and semiautomatic welding] Bezvrednyi flius LPI-2 dlia avtomaticheskoi i poluavtomaticheskoi svarki. Leningrad, 1954. 5 p. (Informatsionno-tekhnicheskii listok, no. 12(585))

LENINGRADSKII DOM NAUCHNO-TEKHNICHESKOI PROPAGANDY. [Manufacturing hard-alloy and mills with screw tips] Opyt izgotovlenia tverdosplavnykh konteevykh frez s vintovymi plastinkami. Leningrad, 1954. 9 p. (Informatsionno-tekhnicheskii listok, no. 30(603))

LENINGRADSKII DOM NAUCHNO-TEKHNICHESKOI PROPAGANDY. [Method of parallel curves and a system of standards in the analysis of alloyed steels] Metod parallel'nogo grafika i sistema etalonov pri analize legirovannykh stalei. Leningrad, 1952 11 p. (Informatsionno-tekhnicheskii listok, no. 71(412))

LENINGRADSKII DOM NAUCHNO-TEKHNICHESKOI PROPAGANDY. [New method for finishing surfaces of parts by cold hardening] Novyi metod otdelki poverkhnostei detalei naklepyvaniem. Leningrad, 1952 21 p. (Informatsionno-tekhnicheskii listok, no. 11(355))

LENINGRADSKII DOM NAUCHNO-TEKHNICHESKOI PROPAGANDY. [Nonmetallic chemically-resistant coatings for equipment and structures in electroplating shops] Nemetallicheskie khimicheski stoikie pokrytlia apparatury i stroitel'nykh konstruktsii gal'vanicheskikh tsekhov. Leningrad, 1952 15 p. (Informatsionno-tekhnicheskii listok, no. 91(435))

LENINGRADSKII DOM NAUCHNO-TEKHNICHESKOI PROPAGANDY. [Portable drilling machine with a pneumatic drive and electromagnetic base] Perenosnyi sverlil'nyi stanok s pnevmaticheskim dvigatelem i elektromagnitnym osnovaniem. Leningrad, 1954. 10 p. (Informatsionno-tekhnicheskii listok, no. 17(590))

LENINGRADSKII DOM NAUCHNO-TEKHNICHESKOI PROPAGANDY. [Precision casting without fillers or flasks; research by the Laboratory of Metallization of the Leningrad Electrical Institute] Proizvodstvo tochnogo lit'ia po vyplavliaemym modeliam bez napolnitelei i opok, opyt raboty laboratorii metallizatsii Leningradskogo elektrotekhnicheskogo instituta imeni V. I. Ul'ianova (Lenina). Leningrad, 1952. 13 p. (Informatsionno-tekhnicheskii listok, no. 75(416))

LENINGRADSKII DOM NAUCHNO-TEKHNICHESKOI PROPAGANDY. [Replacing the scraping of joint planes of large parts by grinding, experience of the Leningrad Metal Works] Zamena shabrovki ploskostei raz'ema krupnogabaritnykh detalei shlifovaniem, opyt Leningradskogo metallicheskogo zavoda imeni I. V. Stalina. Leningrad, 1952. 11 p. (Informatsionno-tekhnicheskii listok, no. 52(393))

LENINGRADSKII DOM NAUCHNO-TEKHNICHESKOI PROPAGANDY. [Silvering and gilding by means of electropolishing] Serebrenie i zolochenie izdelii metodom elektronatirantia. Leningrad, 1954. 3 p. (Informatsionno-tekhnicheskii listok, no. 31(604))

LENINGRADSKII DOM NAUCHNO-TEKHNICHESKOI PROPAGANDY. [Spectral analysis of steels with an alternating-current arc] Spektral'nyi analiz stalei s dugoi peremennogo toka. Leningrad, 1952. 3 p. (Informatsionno-tekhnicheskii listok, no. 101(442))

LENINGRADSKII DOM NAUCHNO-TEKHNICHESKOI PROPAGANDY. [Swivel carriage for cutting screw threads on turret lathes] Povorotnyi support dlia narezaniia rez'by na revol'vernykh stankakh. Leningrad, 1954. 5 p. (Informatsionno-tekhnicheskii listok, no. 6(579))

LENINGRADSKII DOM NAUCHNO-TEKHNICHESKOI PROPAGANDY. [Universal attachments for profile grinding of dies] Universal'noe prisposoblenie dlia profil'nogo shlifovaniia puansonov. Leningrad, 1952. 9 p. (Informatsionno-tekhnicheskii listok, no. 45(386))

LENINGRADSKII DOM NAUCHNO-TEKHNICHESKOI PROPAGANDY. [Use of control gauges in the assembly and welding of metal structures] Primenenie kontrol'no-izmeritel'nogo instrumenta pri sborke i svarke metallokonstruktsii; opyt zavoda. Leningrad, 1952, 5 p. (Informatsionno-tekhnicheskii listok, no. 55(396))

LEVITIN, I. B. [Infrared photography] Fotografiia v infrakrasnykh luchakh. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 191 p.

LEVSHIN, V. A. [Strength of materials] Soprotivlenie materialov. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 475 p.

LIASHENKO, S. V. [Use of dies with dished-spring shock absorbers for trimming presses, Minsk Tractor Plant practices] Primenenie shtampov s amortizatorami iz tarel'chatykh pruzhin dlia obreznykh pressov; opyt Minskogo traktornogo zavoda. Leningrad, 1960. 11 p. (Leningradskii Dom nauchno-tekhnicheskof propagandy. Obmen peredovym opytom. Serlia: Kovka i gorlnchaia shtampovka, no. 5)

LIKHACHEV, V. A. [Multichannel high-speed RUMB-2 recording device] Mnogokanal'noe bystrodeistvuiushchee registriruiushchee ustroistvo RUMB-2. Moskva, Gos. energ. izd-vo, 1961. 61 (Biblioteka po avtomatike, no. 23)

[MICROFILM]

LIPOV, P. P., and M. A. TSITSIN. [Mining mechanic's handbook] Spravochnik mekhanika gornodobyvaiushchego predpriiatii. Izd. 2., perer. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 787 p.

LISOWSKI, ALEKSANDER. [Oscillations in straight rods and frames, selected problems and examples. Translated from the Polish] Kolebaniia priamykh sterzhnei i ram; izbrannye voprosy i primery. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 157 p.

LIUEV, A. I. [Manual on safety engineering for miners] Posobie po tekhnike bezopasnosti dlia shakhterov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 86 p.

LIVSHITS, I. S. [Protection against the run of ice and high waters] Zashchita ot ledokhoda i vysokikh vod. Moskva, Goslesbumizdat, 1961 110 p.

LOFITSKII, V. N. [Winter earthwork in building structures to provide hydroelectric power] Zimnie zemlianye raboty v gidroenergeticheskom stroitel'stve. Moskva, Gos. energ. izd-vo, 1961. 171 p.

LOGUNOV, F. G. [Walling-up of boiler units] Obmurovka kotel'nykh agregatov. Moskva, Gos energ. izd-vo, 1961. 391 p.

LOSEV, B. I., and K. N. STREL'TSOV. [Manufacture and assembly of parts made of plastics, a survey] Obrabotka i sborka detalei iz plasticheskikh mass, obzor. Pod red. A. L. Pochenkina i V. A. Braginskogo. Leningrad, 1960. 75 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Serlia: Sinteticheskie materialy)

LUK'IANOV, P. M. [History of chemical trades and of the chemical industry in Russia up to the end of the 19th century] Istoriia khimicheskikh promyslov i khimicheskoi promyshlennosti Rossii do kontsa XIX veka. Pod red. S. I. Vol'fkovicha. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 5. 1961 703 p.

LUNIN, O. G., and M. E. SMOLIANITSKII. [Continuous production lines for confectioneries] Potochnye linii proizvodstva konditerskikh izdelii. Moskva, Pishchepromizdat, 1961. 160 p.

LYSKOV, IU. I., ed. [Switching banks of capacitors] Vkliuchenie i otkliuchenie batarei kondensatorov. Moskva, Gos. energ. izd-vo, 1961. 127 p. (Energetika za rubezhom)

MALIOVANOV, D. I., ed. [Underground construction] Podzemnoe stroitel'stvo. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 307 p.

MARGOLIN, L. Z. [Coal preparation and dressing of nonmetallic minerals in heavy suspensions] Obogashchenie uglei i nemetallicheskikh iskopaemykh v tiazhelykh suspenziiakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 271 p.

MARKOVICH, M. M., and P. IA. UVAROV. [Engineering taught in a physics class] Tekhnika na urokakh fiziki. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 164 p.

[MECHANIZATION OF AND PROGRESSIVE PRACTICES IN FOUNDING] Mekhanizatsiia i peredovaia tekhnologiia liteinogo proizvodstva. Pod red. A. N. Sokolova. [Leningrad] Lenizdat, 1961. 236 p.

MEEROVICH, L. I. [Distribution of stresses in compressor blades with presence of oscillations] Raspredelenie napriazhenii v kompressornykh lopatkakh pri kolebaniiakh. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1961. 105 p.

MEL'NIK, VASILII. [Moldavian cookery] Moldavskaia kukhnia. Kishinev, Gos. izd-vo "Kartia moldoveniaske," 1961. 246 p.

MIKHALKOV, A. V. [Important things to know about voltage regulation] Chto nuzhno znat' o regulirovanii napriazhenila. Moskva, Gos. energ. izd-vo, 1960. 47 p. (Biblioteka elektromontera, no. 28)

MIKHAILOV, K. F. [Manual for oil-field mechanics] Spravochnik mekhanika neftepromysla. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 363 p.

MIKHAILOV, N. V. [Basic principles of new concrete and reinforced-concrete techniques] Osnovnye printsipy novoi tekhnologii betona i zhelezobetona. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961, 51 p.

IKHAILOV, O. A. [Mathematical statistics and linear programming in ferrous metallurgy] Matematicheskaia statistika i lineinoe programmirovanie v chernoi metallurgii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 159 p.

IKHAILOV, V. A., and N. S. NOVAKOVSKII. [Automation of purifying structures in city water-supply systems] Avtomatizatsiia vodoochistnykh sooruzhenii gorodskikh vodoprovodov. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1960. 102 p.

IL'DVARF, M. D. [Railroad conductor's manual] Rukovodstvo konduktoru. Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 267 p.

IINKIN, M. L. [Starting devices for motor-vehicle engines] Puskovye ustroistva avtomobil'nykh dvigatelei. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 138 p.

INTS, M. S., and others. [Rating designs of large-panel apartment houses from the technical and economic point of view] Tekhniko-ekonomicheskaia otsenka konstruktivnykh reshenii krupnopanel'nykh zhilykh zdanii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 117 p.

IRONOV, K. A., and L. I. SHIPETIN. [Automatic controllers, reference materials] Avtomaticheskie reguliatory; spravochnye materialy. Izd. 2., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 551 p.

ODRINSKII, N. I. [Geodesy] Geodeziia. Izd. 2., ispr. i dop. Leningrad, Gidrometeor. izd-vo, 1960. 448 p.

OLCHANOV, A. P. [Course on radio and electric engineering] Kurs elektrotekhniki i radiotekhniki. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 504 p.

OMOT, E. G. [Synchronous radio-reception problems and engineering] Problemy i tekhnika sinkhronnogo radiopriema. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1961. 171 p.

OROZOV, S. A. [Building stabilized earth roads for logging trucks] Stroitel'stvo lesovoznykh avtomobil'nykh dorog iz stabilizirovannogo grunta. Moskva, Goslesbumizdat, 1960. 199 p.

[OSCOW. EKSPERIMENTAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT METALLOREZHUSHCHIKH STANKOV. [Standard design for the modernization of 1M36 and 137 turret lathes] Tipovoi proekt modernizatsii revol'vernykh stankov modelei 1M36 i 137. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 300 p.

[OSCOW. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT MEKHANIZATSII I ENERGETIKI LESNOI PROMYSHLENNOSTI. [Technical specifications for repairing, assembling, and testing after repair TDT-60 tractors] Tekhnicheskie usloviia na remont, sborku i ispytanie posle remonta traktora TDT-60. Moskva, Goslesbumizdat (Tipovaia tekhnologiia remonta lesozagotovitel'nykh mashin i mekhanizmov)

Pt. 2. [Tractor and its units (except the engine)] Traktor i ego agregaty (krome dvigatelia). 1961. 149 p.

[OSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT GIDROGEOLOGII I INZHENERNOI GEOLOGII. [Dictionary of hydrogeology and engineering geology] Slovar' po gidrogeologii i inzhenernoi geologii. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 186 p.

[OSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT MINERAL'NOGO SYR'IA. [Industry's requirements as to quality in mineral raw materials, a handbook for geologists] Trebovaniia promyshlennosti k kachestvu mineral'nogo syr'ia; spravochnik dlia geologov. Izd. 2., perer. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr.

No. 66. Vasil'ev, P. V. [Coal] Ugol'. Nauchn. red. G. S. Kalmykov. 1960. 110 p.

[OSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT ZHELEZNODOROZHNOGO TRANSPORTA. [Operation of open-pit transportation] Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 159 p.

[OSKALEV, S. A. [Pamphlet on safety engineering for gang-saw operators] Pamiatka po tekhnike bezopasnosti dlia mashinistov piloramy. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 16 p. (Tekhnika bezopasnosti)

MOSKOVSKII DOM NAUCHNO-TEKHNICHESKOI PROPAGANDY IMENI F. E. DZERZHINSKOGO. [High-capacity cutting instruments] Vysokoproizvoditel'nyi rezhushchii instrument. Pod red. N. S. Degtiarenko. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 354 p.

[MICROFILM]

MOSTKOV, M. A. [Hydraulic engineering structures in railroad transportation. Gidrotekhnicheskie sooruzheniia na zheleznodorozhnom transporte. Tbilisi, Gos. izd-vo uchebno-pedagog. lit-ry "TSodna," 1960] 229 p. [In Georgian.]

MOVNIN, M. S., and A. N. MITINSKII. [Technical mechanics, strength of materials, theory of mechanisms and machines. Machine parts] Tekhnicheskaia mekhanika; soprotivlenie materialov, teoriia mekhanizmov i mashin. Detali mashin. Izd. 2., perer. Moskva, Goslesbumizdat, 1961. 781 p.

MURASHEV, S. A., N. A. PAIZANSKII, and K. P. PANOVA. [Geodesy] Geodeziia. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 374 p.

NAKARIAKOV, V. N. [The airplane is revealing the earth's secrets] Samolet otkryvaet tainy Zemli. Moskva, Izd-vo "Znanie," 1960. 60 p. (Prochti tovarishchi!)

[MICROFILM]

NASLEDOV, D. N. [Metallogeny of western Tien Shan and Uzbekistan] Metallogeniia Zapadnogo Tian'-Shania i Uzbekistana. Pod red. F. I. Vol'fsona. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1961. 328 p.

NATANSON, A. K., ed. [Molybdenum. Translated from the English] Molibden, sbornik. Moskva, Izd-vo inostr. lit-ry, 1959. 304 p. (Redkie metally)

NAUCHNO-TEKHNICHESKOE OBSHCHESTVO STROITEL'NOI INDUSTRII. [Using fine-grained sands in concrete and methods of choosing concrete compositions] Primenenie melkikh peskov v betone i metody podbora sostava betona. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 226 p.

NAZAROV, S. T. [Methods of welded-joint quality control] Metody kontrolia kachestva svarnykh soedinenii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 128 p.

NEPOROZHNII, P. S. [Problems of overall electrification and technological progress in the construction of electric power systems in the U. S. S. R.] Problemy sploshnoi elektrifikatsii SSSR i tekhnicheskii progress v energostroitel'stve. Moskva, Gos. energ. izd-vo, 1960. 44 p.

NESVIZHSKII, O. A. [Manufacture of balls for ball mills] Proizvodstvo meliushchikh tel dlia sharovykh mel'nits. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 151 p.

NICHIPOROVICH, A. A., V. S. ISTOMINA, and V. I. TITOVA. [Instructions for planning the underground contour of hydraulic structures not on rock foundations, and subject to water pressure] Ukazaniia po proektirovaniiu podzemnogo kontura vodopodpornykh sooruzhenii na neskal'nykh osnovaniiakh. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 98 p. (Gidravlicheskie sooruzheniia)

NIKITIN, L. I., P. S. PROKOF'EV, and E. G. VINOGRADOV. [Fundamentals of fire prevention] Osnovy protivopozharnoi tekhniki. Moskva, Goslesbumizdat, 1960. 310 p.

NIKITIN, V. M. [Wood and cellulose chemistry] Khimiia drevesiny i tsellulozy. Izd. 2., perer. Moskva, Goslesbumizdat, 1960. 468 p.

NIKITIN, V. S., and M. M. CHESNOKOV. [Control of dust and gases in open mine pits] Bor'ba s pyl'iu i gazami na otkrytykh gornykh razrabotkakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 107 p.

NIKITINA, O. A. [Protection of nonferrous metals from corrosion] Zashchita tsvetnykh metallov ot korrozii. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1960. 76 p. (Khimiia v promyshlennosti)

NIKOLAEV, G. A., ed. [Current welding practices] Sovremennoe sostoianie svarochnoi tekhniki. [n. p.] Sovmestnoe izdanie Mashgiz, SNTL, 1961. 318 p.

NOTKIN, B. M., and V. P. PEREPELKIN. [Plastics in engineering] Plastmassy v tekhnike. [Moskva] Mosk. rabochii, 1961. 175 p.

NOVODVORSKII, V. V., and L. G. BITMAN. [Horizontal and vertical conveyance of materials in housing construction] Gorizontal'nyi i vertikal'nyi transport materialov v zhilishchnom stroitel'stve. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 144 p.

NOVOZHILOV, M. G. [Open-pit mining] Otkrytye gornye raboty. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 474 p.

OSIPOV, K. D., and V. V. PASYNKOV. [Handbook on radio measurement devices] Spravochnik po radioizmeritel'nym priboram. Pod red. G. A. Remeza. Moskva, Izd-vo "Sovetskoe radio."

Pt. 2. [Frequency measuring devices and instrument oscillators] Pribory dlia izmerenila chastoty i izmeritel'nye generatory. 1960. 203 p.

OZHERE L'EV, A. N., and A. E. SHROTA. [Achievements of Moldavian leather-industry workers] Tvorcheskii trud kozhevnikov Moldavii, literaturnaia zapis' M. V. Kitsisa. Kishinev, Gos. izd-vo "Kartia moldoveniaske," 1960. 48 p.

PALATNIKOV, E. A. [Designing reinforced-concrete slabs for airport pavements] Raschet zhelezobetonnykh plit pokrytii aeroportov. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, Moskva, 1961. 94 p.

PARFENOV, V. A. [Returning from space] Vozvrashchenie iz kosmosa. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 67 p. (Nauchno-populiarnaia biblioteka voennogo izdatel'stva)

PAVLÁK, MILAN. [Electric equipment of motorcycles. Translated from the Czech] Elektrooborudovanie mototsikla. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 196 p.

PEREDERII, I. A. [High-strength Perederii's gypsum; its technology and characteristics] Vysokoprochnyi gips GP, ego tekhnologiia i svoistva. Kuibyshev, Kuibyshevskii inzhenerno-stroit. in-t, 1960. 197 p.

PEREL'SHTEIN, I. I. [Thermodynamic properties of sulfur hexafluoride. Scientific report] Termodinamicheskie svoistva shestiftoristoi sery; nauchnoe soobshchenie. Moskva, Gos. izd-vo torg. lit-ry, 1961. 45 p.

PEROV, B. V., and M. M. GUDIMOV. [Oriented organic glass] Orientirovannoe organicheskoe steklo. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1961. 49 p.

PEROV, V. F. [Pamphlet on safety techniques for gas welders] Pamiatka po tekhnike bezopasnosti dlia gazosvarshchika. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960, 31 p. (Tekhnika bezopasnosti)

PETROV, B. S. [Production organization and planning in the woodworking industries] Organizatsiia i planirovanie proizvodstva na derevoobrabatyvaiushchikh predpriiatiiakh. Moskva, Goslesbumizdat, 1960. 312 p.

PETROVSKII, D. V., and IU. K. GONCHARUK. [Operating motor vehicles in the Far North] Ekspluatatsiia avtomobilei na Krainem Severe. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shossednykh dorog RSFSR, 1960. 55 p.

PEVNEV, N. I. [Planning and organizing the dissemination of scientific and technical information in industry] Planirovanie i organizatsiia nauchno-tekhnicheskoi informatsii v promyshlennosti. Moskva, Gos. izd-vo planovo-ekon. lit-ry, 1961. 188 p.

PIATNITSKII, A. A. [Introduction to the theory and practice of strain measurement] Vvedenie v teoriiu i praktiku tenzometrirovaniia. Novocherkassk, Redaktsionno-izdatel'skii otdel NPI, 1960. 72 p.

PILIANKEVICH, A. N. [Techniques of electron microscopy; teaching methods] Praktika elektronnoi mikroskopii; metody preparirovaniia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 176 p.

PITERSKOV, N. I. [Pamphlet on safety engineering for the operators of circular and pendulum saws] Pamiatka po tekhnike bezopasnosti dlia rabotaiushchikh na tsirkul'noi i maiatnikovoi pilakh. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 13 p.

PITERSKOV, N. I. [Pamphlet on safety measures for wood preservation workers] Pamiatka po tekhnike bezopasnosti dlia rabochikh po antiseptirovaniiu drevesiny. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 23 p. (Tekhnika bezopasnosti)

PODDUBNYI, S.A. [Cable work in mines] Montazh shakhtnykh kabel'nykh linii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961 185 p.

PODKLETNOVA, E.N. ed. [Enamel and enameling] Emal' i protsessy emulirovaniia Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 113 p

POLIAKOV, D.I. [Development of machinery and instrument manufacture in the Ukraine during the seven-year plan] Razvitie mashinostroeniia i priborostroeniia na Ukraine v semiletke. Kiev, 1961. 37 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Ukrainskoi SSR Ser 7, no. 1)

POLIAKOV, N.V. [Overhead cable conveyer for over-all mechanization of intrashop and intershop conveying in the instrument industry] Podvesnoi kanatnyi konveier dlia kompleksnoi mekhanizatsii vnutri- i mezhtsekhovogo transporta v priborostroitel'noi promyshlennosti. Leningrad, 1960. 22 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Organizatsiia i ekonomika proizvodstva, no. 7)

POPILOV, L.IA. [Electric and ultrasonic treatment, reference manual] Elektricheskaia i ul'trazvukovaia obrabotka; spravochnoe posobie. Moskva, Gos nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 135 p. (Bibliotechka elektrotekhnologa i ul'trazvukovika, no. 1)

[MICROFILM]

POPKOV, V.L., and V.P. SERGIEV. [Work organization at garment factories] Organizatsiia proizvodstva na shveinom predpriiatii. Izd. 2., perer. i dop. Moskva, Izd-vo nauchno-tekhn. lit-ry, 1960. 202 p.

POSTNIKOV, I.M. [Designing of electric machinery] Proektirovanie elektricheskikh mashin. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1960. 910 p.

POTAPOV, IU.F., and V.V. SIMONOV. [Breaking rock with small diameter, three-cone bits] Razrushenie gornykh porod trekhsharoshechnymi dolotami malogo diametra. Moskva, Gos nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 85 p.

PRECHISTENSKII, S.A. [Radioactive discharge into the atmosphere; planning and design of units for the decontamination of aerosol and gas discharges] Radioaktivnye vybrosy v atmosferu; proektirovanie ustanovok dlia ochistki vybrosov ot aerozolei i gazov. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhniki, 1961. 174 p.

PRIBYL, JOSEF. [Theory of casting] Nekotorye voprosy liteinoi teorii. Pod red. P.N. Bidulia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 136 p.

PRITULA, V.A. [Corrosion protection of underground pipes in factories] Zashchita zavodskikh podzemnykh truboprovodov ot korrozii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 384 p.

PROFSOIUZ RABOCHIKH MASHINOSTROENIIA. TSentral'nyi komitet. [Safety engineering regulations and industrial hygiene in electric-welding operations] Pravila tekhniki bezopasnosti i proizvodstvennoi sanitarii pri elektrosvarochnykh rabotakh. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 38 p.

PROFSOIUZ RABOCHIKH MASHINOSTROENIIA. TSentral'nyi komitet. [Safety instructions for tin and zinc platers working with the hot method] Instruktsiia po tekhnike bezopasnosti dlia ludil'shchikov i otsinkovshchikov, rabotaiushchikh goriachim sposobom. [Moskva] Mashgiz, 1960. 8 p.

PROTOPOPOV, V.P. [Heating furnaces] Pechnye raboty. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 125 p.

RABINOVICH, A.N. [Over-all mechanization and automation of work processes in machinery and instrument manufacturing] Kompleksnaia mekhanizatsiia i avtomatizatsiia proizvodstvennykh protsessov v mashinostroenii i priborostroenii. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 535 p.

RABINOVICH, E.M. [Commercial chemicals, paint materials, and various related products] Khimicheskie i moskatel'nye tovary. Moskva, Gos. izd-vo torg. lit-ry, 1960. 113 p.

RAEVSKII, N.P., and B.V. VLADIMIROV. [Theory, design, and manufacture of agricultural machinery] Teoriia, konstruktsiia i proizvodstvo sel'skokhoziaistvennykh mashin. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry.

Vol. 7. [Atlas of general agricultural machinery parts] Atlas obshchikh detalei sel'skokhoziaistvennykh mashin. 1945. 336 p.

RAZYGRAEV, A.M., and others. [Design and assembly of the electrical equipment of metal-cutting machines] Proektirovanie i montazh elektrooborudovaniia metallorezhushchikh stankov. Izd. 2., dop. i perer. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 303 p.

REINOV, M.N., and V.I. BREGMAN. [Engineering calculations on an electronic computer] Inzhenernye raschety na elektronnom vychislitele. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 130 p.

REMPEL', S.I. [Anodic process in the electrolytic production of aluminum] Anodnyi protsess pri elektroliticheskom proizvodstve aliuminiia. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii. Sverdlovskoe otd-nie, 1961 143 p.

RIABTSEV, N.I. [Natural and artificial gases] Estestvennye i iskusstvennye gazy. Izd. 2., perer. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1960. 339 p.

ROMANOV, A.P. [Organizing the maintenance of die-stamping equipment in sheet-metal working plants] Organizatsiia shtampovogo khoziaistva v tsekhakh kholodnoi shtampovki; stenogramma lektsii, prochitannoi v LDNTP na zaniatii seminara po kholodnoi shtampovke. Leningrad, 1960. 31 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Seriia: Kholodnaia shtampovka)

RUBIN, A.A. [Fire prevention measures in storage buildings] Protivopozharnye meropriiatiia v skladskom khoziaistve. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 109 p.

RUSINOV, M.M. [Technical optics] Tekhnicheskaia optika. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 327 p.

RUSSIA (1917- R.S.F.S.R.) Glavnoe geologicheskoe upravlenie. [Geophysical prospecting in studying the geology of Eastern Siberia, articles on geophysical investigations] Geofizicheskie raboty pri reshenii geologicheskikh zadach v Vostochnoi Sibiri; sbornik statei po geofizicheskim issledovaniiam. Pod red. V.G. Vasil'eva. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 230 p.

RUSSIA (1917- R.S.F.S.R.) Gosudarstvennyi komitet po nadzoru za bezopasnym vedeniem rabot v promyshlennosti i gornomu nadzoru. [Provisional instructions for boring with electric core drills in coal mines] Vremennaia instruktsiia po bureniiu shpurov s primyvkoi kolonkovymi elektrosverlami v ugol'nykh shakhtakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 9 p.

RUSSIA (1923- U.S.S.R.) Glavnoe upravlenie puti i sooruzhenii. [Standard technologically grounded production norms for track repair] Tipovye tekhnicheskie obosnovannye normy vyrabotki na rabotu po remontu puti. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 274 p.

RUSSIA (1923- U.S.S.R.) Glavnoe upravlenie signalizatsii i sviazi. [Instructions on the technical maintenance of wire communication systems] Instruktsiia po tekhnicheskomu soderzhaniiu ustroistv provodnoi sviazi. Vsamen Instruktsii TsSh/1645 ot 6/VIII 1952 g. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 103 p.

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Collection of budget standards for expenses and standard sets of equipment and goods for the interior appointments of public and administrative buildings] Sbornik smetnykh norm zatrat i tipovykh naborov oborudovaniia i predmetov vnutrennego ubranstva obshchestvennykh i administrativnykh zdanii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.

Vol. 1. [Administrative and cultural buildings, preschool and school buildings, higher and secondary special education schools] Ob"ekty administrativnogo i kul'turno-prosvetitel'nogo naznacheniia, doshkol'nye i shkol'nye uchebnye zavedeniia, uchebnye zavedeniia vysshego i srednego spetsial'nogo obrazovaniia. 1961. 294 p.

Vol. 2. [Buildings for therapeutic and preventive medicine and community buildings] Ob"ekty lechebno-profilakticheskogo naznacheniia, ob"ekty kommunal'nogo naznacheniia. 1961. 192 p.

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [List of current generally obligatory norms concerning construction planning as of February 1, 1961] Perechen' deistvuiushchikh obshcheobiazatel'nykh normativnykh dokumentov po stroitel'nomu proektirovaniiu po sostoianiiu na 1 fevralia 1961 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 29 p.

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Rules for the technical operation of SN 103-60 cement plants] Pravila tekhnicheskoi eksploatatsii tsementnykh zavodov SN 103-60. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 354 p.

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Technical specifications MRTU 7-3-60 for finely-ground additions and aggregates for heat-resistant concretes] Tekhnicheskie usloviia na tonkomolotye dobavki i zapolniteli dlia zharostoikikh betonov, MRTU 7-3-60. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 14 p.

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Technical specifications SN 145-60 for installing exhaust fans, ventilators and exhausters] Tekhnicheskie usloviia na montazh dymososov, ventiliatorov i eksgaustserov SN 145-60. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 20 p.

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Technical specifications SN 113-60 for designing elements made of aluminum alloys] Tekhnicheskie usloviia proektirovaniia konstruktsii iz aliuminievykh splavov, SN 113-60. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 80 p.

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Technical specifications SN 121-60 for carrying out, inspecting and approving airport construction work] Tekhnicheskie usloviia proizvodstva i priemki aerodromno-stroit. rabot SN 121-60. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 295 p.

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Technical specifications SN 120-60 for designing airport pavements] Tekhnicheskie usloviia proektirovaniia aerodromnykh pokrytii SN 120-60. Moskva, Gos. izd-vo po stroit., arkhit. i stroit. materialam, 1961. 78 p.

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Temporary instructions for designing and constructing flat tar-paper roofs of industrial buildings] Vremennye ukazaniia po proektirovaniiu i ustroistvu ploskikh tolevykh krovel' zdanii promyshlennykh predpriiatii SN 112-60. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 23 p.

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet [illegible]

dust and gas resulting from blasting in coal mines] Vremennaia instruktsiia po primeneniiu tumanoobrazuiushchikh ustroistv dlia pylegazopodavlivaniia pri vzryvnykh rabotakh v ugol'nykh shakhtakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 10 p.

RUSSIA (1923- U.S.S.R.) Komitet po nadzoru za bezopasnym vedeniem rabot v promyshlennosti i gornomu nadzoru. [Rules for the installation and safe operation of elevators] Pravila ustroistva i bezopasnoi eksploatatsii liftov. Izd. 3. Moskva, Ugletekhizdat, 1959. 71 p.

RUSSIA (1923- U.S.S.R.) Komitet po nadzoru za bezopasnym vedeniem rabot v promyshlennosti i gornomu nadzoru. [Rules for the testing of electric welders and gas welders] Pravila ispytaniia elektrosvarshchikov i gazosvarshchikov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 19 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 103-53 and 104-53 for checking glass-plate interferometers and plane-parallel glass plates] Instruktsii 103-53; 104-53 po poverke stekliannykh plastin dlia interferentsionnykh izmerenii i ploskoparallel'nykh stekliannykh plastin. Izd. ofitsial'noe. Moskva, 1954. 22 p.

RUSSIA (1923- U.S.S.R.) TSentral'noe normativno-issledovatel'skoe biuro. [Technical norms for labor in industrial enterprises] Tekhnicheskie normativy po trudu dlia promyshlennykh predpriiatii. Moskva, Gos. energ. izd-vo.

No. 5. [Time norms for gas welding and cutting of metals] Normativy vremeni na gazovuiu svarku i rezku metallov. 1960. 30 p.

RUSSIA (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Fishes and fishery products; auxiliary materials] Ryba i ryboprodukty; vspomogatel'nye materialy. Izd. ofitsial'noe. Moskva, 1956. 399 p. (SSSR. Gosudarstvennye standarty)

RUSSIA (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Index of state standards, 1961 (as of January 1, 1961)] Ukazatel' gosudarstvennykh standartov 1961; po sostoianiiu na 1/I 1961 g. Izd. ofitsial'noe. Moskva, 1961. 535 p. (SSSR Gosudarstvennye standarty)

RUSSIA (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Metallic mesh] Setki metallicheskie. Izd. ofitsial'noe. Moskva, 1960. 85 p. (SSSR. Gosudarstvennye standarty)

RUSSIA (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Petroleum products and products of solid-fuel processing, technical specifications] Nefteprodukty i produkty pererabotki tverdykh topliv, tekhnicheskie trebovaniia. Izd. ofitsial'noe. Moskva, 1961 451 p. (SSSR. Gosudarstvennye standarty)

RUSSIA (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Wood milling machinery and equipment] Derevoobrabatyvaiushchie stanki i oborudovanie. Izd. ofitsial'noe. Moskva, 1961 215 p. (SSSR. Gosudarstvennye standarty)

RYBAKOV, V.V. [Manual of gas welding] Uchebnik gazosvarshchika. Izd. 2., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 188 p.

RYSIN, S.A. [Ventilating installations in machine-building plants, handbook] Ventilitatsionnye ustanovki mashinostroitel'nykh zavodov; spravochnik. Izd. 2., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 704 p.

SAAKOV, E.O. [Amplifying devices, written lectures] Usilitel'nye ustroistva; pis'mennye lektsii. Leningrad, Severo-zapadnyi zaochnyi politekhn. in-t. No. 2. 1960. 175 p.

SAMOILOV, V.F. [Synchronization of television sweep generators] Sinkhronizatsiia generatorov televizionnoi razvertki. Gos. energ. izd-vo, 1961. 95 p. (Massovaia radiobiblioteka, no. 395)

SAMOKHVALOV, V.A. [Technical innovations in railroad transportation] Tekhnicheskaia rekonstruktsiia zheleznodorozhnogo transporta. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 43 p. (V pomoshch' izuchaiushchim ekonomiku zheleznodorozhnogo transporta)

SHALIMOVA, N.I. [From ore to rolled stock] Ot rudy do prokata. Moskva, Izd-vo "Znanie," 1960. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii: Politekhnicheskaia bibliotechka dlia molodezhi)

SHAN'GIN, A.N. [Drilling deflected wells] Burenie napravlenno-iskrivlennykh skvazhin. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 63 p. (Bibliotechka buril'shchika)

SHARAI, V.N. [Engineering geology; a manual for students in correspondence schools with majors in construction] Inzhenernaia geologiia, posobie dlia studentov zaochnykh fakul'tetov stroitel'noi spetsial'nosti. Minsk, Redaktsionno-izdatel'skii otdel BPI im. I.V. Stalina, 1960. 105 p.

SHATSKAIA, E.P. [Practices of the over-all mechanization of the servicing of refrigerator cars] Opyt kompleksnoi mekhanizatsii ekspirovki vagonov-lednikov. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 29 p.

SHATSOV, N.I., and IU.F. RYBAKOV. [Air and gas drilling abroad] Burenie skvazhin s produvkoi vozdukhom ili gazom za rubezhom. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 120 p.

SHCHEDROV, V.S. [Fundamentals of the mechanics of a flexible string] Osnovy mekhaniki gibkoi niti. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 170 p.

SHCHERBATENKO, V.V., T.S. LUR'E, and V.A. PATT. [Use of molasses in the baking industry] Primenenie patoki v khlebopekarnom proizvodstve. Moskva, Pishchepromizdat, 1960. 34 p.

SHEFTEL', N.I. [Recent developments in ferrous metallurgical factories] Novoe na zavodakh chernoi metallurgii. Moskva, Izd-vo "Znanie," 1961. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 4, Tekhnika, no. 9)

SHEKHTMAN, IU.M. [Filtration of low-concentration suspensions] Fil'tratsiia malokontsentrirovannykh suspenzii. Moskva, Izd-vo Akad. nauk SSSR, 1961. 210 p.

SHEREMET, V.A., V.N. SMIRNOV, and P.M. PAVLOVICH. [Mechanisms, devices and auxiliary equipment for forging and die-stamping processes; an album] Mekhanizmy, prisposobleniia i sredstva mekhanizatsii kuznechno-pressovoge proizvodstva, al'bom. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 93 p.

SHEVCHENKO, V.B., and B.N. SUDARIKOV. [Uranium technology] Tekhnologiia urana. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhniki, 1961. 329 p.

SHISHKIN, K.A., and others. [TE3 diesel locomotive] Teplovoz TE3. Izd. 2., perer. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 371 p.

SHKUNDIN, B.M. [Suction dredges] Zemlesosy i zemlesosnye snariady. Moskva, Gos. energ. izd-vo, 1961. 336 p.

SHREIBER, A.K. [Manual for the young mason] Spravochnik molodogo kamenshchika. Izd. 2., perer. i dop. Moskva, Vses. uchebno pedagog. izd-vo Proftekhizdat, 1961. 337 p.

SHVETSOV, I.K., and A.M. VOROB'EV. [Methods used for the separation of neptunium and plutonium] K voprosu o metodakh razdeleniia neptuniia i plutoniia. Moskva, 1955. 6 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

SIDOROV, V.I. [Die-casting machines] Mashiny dlia lit'ia pod davleniem. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 156 p.

SMIRNOV, A.V., and L.V. BELORUCHEV. [Controlled atmospheres and their use for the heat treatment and case hardening of metals; a survey] Kontroliruemye atmosfery i ikh primenenie dlia termicheskoi i khimiko-termicheskoi obrabotki metallov, obzor. Leningrad, 1960. 74 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Seriia: Metallovedenie i termicheskaia obrabotka)

SMIRNOV, B.V. [Communications in agriculture] Sviaz' v sel'skom khoziaistve. Izd. 2., perer. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 407 p. (Uchebniki i uchebnye posobiia dlia massovykh kadrov)

SMIRNOV, N.A. [Basic trends of further technical progress in construction in the 1959-1965 seven-year plan] Osnovnye napravleniia dal'neishego tekhnicheskogo progressa v stroitel'stve na predstoiashchee semiletie 1959-1965 gg.; stenogramma lektsii. Leningrad, 1960. 24 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Seriia: Stroitel'naia promyshlennost')

SOIUZ RABOCHIKH STROITEL'STVA I PROMYSHLENNOSTI STROITEL'NYKH MATERIALOV. TSentral'nyi komitet. [Collection of official materials on the protection of labor in construction work] Sbornik ofitsial'nykh materialov po okhrane truda na stroitel'stve. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 701 p.

SOKOLOV, V.A., and IU.M. IUROVSKII. [Theory and practice of mud logging] Teoriia i praktika gazovogo karotazha. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 337 p.

SOKOLOV, V.S. [Radioisotopes in automation] Izotopy v avtomatike. [Moskva] Mosk. rabochii, 1961. 126 p.

SOLOMIN, N.V. [Refractories for glass furnaces; production and use] Ogneupory dlia steklovarennykh pechei; proizvodstvo i primenenie. Izd. 2., perer. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 185 p.

SOROKIN, P.I. [Over-all mechanization of earthwork operations in construction] Kompleksnaia mekhanizatsiia zemlianykh rabot v stroitel'stve. Frunze, Kirgizskoe gos. izd-vo, 1960. 58 p.

SOVESHCHANIE PO POLUPROVODNIKOVYM MATERIALAM, 4th. [Transactions of the Fourth Conference on Semiconductor Materials, Problems of the metallurgy and physics of semiconductors] Voprosy metallurgii i fiziki poluprovodnikov; trudy. Moskva, Izd-vo Akad. nauk SSSR, 1961. 174 p.

SUDAKOVICH, D.I., and G.I. BERNADSKII. [Manual on portable power tools] Spravochnik po mekhanizirovannomu ruchnomu instrumentu. Izd. 2., dop. i perer. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 335 p.

SULEIMANOV, A.B. [Technology and procedure in operating with small diameter holes] Tekhnologiia i tekhnika eksploatatsii skvazhin malogo diametra. Baku, Azerbaidzhanskoe gos. izd-vo neft. i nauchno-tekhn. lit-ry, 1960. 221 p.

SUVOROVA, A.V. [Personal guarantee of a worker] Lichnaia garantiia rabochego. [Moskva] Mosk. rabochii, 1961. 48 p. (Novatory semiletki)

TAITS, E.M. [Chemical structure and properties of coals and the process of coke formation] Svoistva kamennykh uglei i protsess obrazovaniia koksa. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 299 p.

TARABASOV, N.D. [Calculating wringing fits in the manufacture of machinery] Raschety napriazhennykh posadok v mashinostroenii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 266 p.

TEKHMESHCHIAN, A.V. [Mining machinery] Gornaia mekhanika. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 291 p.

TIR, L.L. [Transformers for high-frequency induction heating systems] Transformatory dlia ustanovok induktsionnogo nagreva povyshennoi chastoty. Moskva, Gos. energ. izd-vo, 1961. 238 p.

TIURENKOV, I.I. [Snow removal on railroad districts] Snegoborʹba na distantsii puti. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 175 p.

TOLMACHOV, I. [Building on collective farms in the Dniester Valley. Translated from the Russian] Konstruktsiia yn kolkhozurile de pe malul nistrului. Kishinau, editura de stat "Kartia moldoveniaske," 1960. 62 p. [In Moldavian.]

TRET'IAKOV, A.V., B.E. LOKSHIN, and M.A. BENIAKOVSKII. [Specific power consumption in cold rolling] Udel'nyi raskhod energii pri kholodnoi prokatke. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1961. 83 p.

TRIGALEV, V.N., V.O. CHEBOTAREVICH, and S.M. SKOROBAGATOV. [Reinforced-concrete beds for machine tools] Zhelezobetonnye staniny metallorezhushchikh stankov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960.

TROFIMOV, A.A. [Mechanized oxygen cutting] Mekhanizirovannaia kislorodnaia rezka. Pod red. A.N. Shashkova. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 90 p. (Bibliotechka avtogenshchika, no. 6)

TSENTRAL'NAIA OPYTNO-TEKHNICHESKAIA SHVEINAIA LABORATORIIA. [Designing coats for children and adolescents] Konstruirovanie pal'to dlia detei i podrostkov. Moskva, Vses. koop. izd-vo, 1960. 99 p.

TSENTRAL'NAIA STANTSIIA IUNYKH TEKHNIKOV, Moscow. [Homemade miniature motor scooter] Samodel'nyi mikromotoroller. [Moskva] Izd-vo "Detskii mir" M-va kul'tury RSFSR [1961] 1 fold. l. (Prilozhenie k zhurnalu "IUnyi tekhnik," no. 13(103))

TUMANOV, B.V. [Safety information for electric welders] Pamiatka po tekhnike bezopasnosti dlia elektrosvarshchikov. Moskva, Gos. energ. izd-vo, 1960. 19 p.

TURICHIN, A.M. [Electric measurements, general course] Elektricheskie izmereniia, obshchii kurs. Moskva, Gos. energ. izd-vo, 1961. 337 p.

VAINSHTEIN, B.G. [Kursk Magnetic Anomaly is the largest iron ore center of the U.S.S.R.] Kurskaia magnitnaia anomaliia - krupneishaia zhelezorudnaia baza SSSR. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 105 p.

VAINSHTEIN, G.M. [Building arch dams] Stroitel'stvo arochnykh plotin. Moskva, Gos. energ. izd-vo, 1961. 187 p.

VAL'TS, G.B., and G.A. USHAKOV. [Mechanical devices for drawing and transposing projections] Mekhanizmy dlia cherchenia i preobrazovaniia proektsii. Khar'kov, Izd-vo Khar'kovskogo gos. univ., 1960. 455 p.

VASIL'EV, N.N. [Miniature pneumatic tools] Malogabaritnye pnevmaticheskie instrumenty. Leningrad, 1960. 18 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Opyt novatorov. Seriia: Mekhanicheskaia obrabotka metallov, no. 4)

VESELOV, N. G., and A. S. OSINTSEV. [Analysis of potentialities for the reduction of the cost of cast iron] Analiz rezervov snizhenia sebestoimosti chuguna. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1961. 124 p.

VILENKINA, N. M. [Soil-cement blocks] TSementno-gruntovye kamni. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 86 p.

VINOGRADOV, S. K., V. N. REPEIKOV, and A. M. LEBEDEV. [Making patterns for men's outer garments] Konstruirovanie muzhskoi verkhnoi odezhdy. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 335 p.

VINOGRADOV, V. N. [Extracurricular work on mechanical drawing in school; teachers manual] Vneklassnaia rabota po cherchenilu v shkole; posobie dlia uchitelia. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 100 p. (Iz opyta uchitelia)

VOLOSATOV, V. A. [Pneumatic attachments for machine tools] Pnevmaticheskie prisposobleniia k metallorezhushchim stankam. [Leningrad] Lenizdat, 1961. 182 p.

VORONOV, P. I. [Booklet on safety measures for the parquet layer] Pamiatka po tekhnike bezopasnosti dlia parketchika. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 13 p. (Tekhnika bezopasnosti)

VORONOV, P. I. [Pamphlet on safety measures for the glazier] Pamiatka po tekhnike bezopasnosti dlia stekol'shchika. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 15 p. (Tekhnika bezopasnosti)

VOSTROKNUTOV, N. G., and A. M. ILIUKOVICH. [Testing of electric meters] Ispytanie elektricheskikh schetchikov. Moskva, Gos. energ. izd-vo, 1961. 207 p.

VOSTROV, V. M. [Pamphlet on safety measures for the asphalt concrete worker] Pamiatka po tekhnike bezopasnosti dlia asfal'tobetonshchika. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 22 p. (Tekhnika bezopasnosti)

VOTIAKOV, I. N. [Physicochemical properties of permafrost grounds of Central Yakutia] Fiziko-mekhanicheskie svoistva mnogoletnemerzlykh gruntov TSentral'noi IAkutii. Moskva, Izd-vo Akad. nauk SSSR, 1961. 58 p.

VSESOIUZNOE NAUCHNO-TEKHNICHESKOE SOVESHCHANIIA PO TEKHNOLOGII FASONNOGO LIT'IA IZ SPLAVOV TSVETNYKH METALLOV, Moscow, 1958. [Technology of mould casting of nonferrous alloys] Tekhnologiia fasonnogo lit'ia iz splavov tsvetnykh metallov, trudy. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 141 p.

VSESOIUZNOE SOVESHCHANIE PO VNEDRENIIU RADIOAKTIVNYKH IZOTOPOV I IADERNYKH IZLUCHENII V NARODNOE KHOZIAISTVO SSSR, Riga, 1960. [Transactions of the Conference on Radioactive Isotopes and Nuclear Radiation in the National Economy of the U.S.S.R.] Trudy soveshchaniia... v chetyrekh tomakh. Pod red. N. A. Petrova, L. I. Petrenko i P. S. Savitskogo. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry,
Vol. 3. [Machinery industry. Metallurgy] Mashinostroenie, Metallurgiia. 1961. 224 p.
Vol. 4. [Mineral exploration, prospecting, and extraction] Poiski, razvedka i razrabotka poleznykh iskopaemykh. 1961. 284 p.

VSESOIUZNYI GOSUDARSTVENNYI PROEKTNO-KONSTRUKTORSKII INSTITUT GIPROSTROIINDUSTRIIA. [Instructions for organizing the assembled delivery and transportation of articles and the construction of series I-464 and I-464A large-panel apartment houses made of molded panels] Ukazaniia po organizatsii komplektnoi postavki, transportirovke izdelii i vozvedeniiu krupnopanel'nykh zhilykh domov serii I-464 i I464A iz panelei, izgotovliaemykh kassetnym metodom, tekhnicheskie usloviia. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 130 p.

[WORK PRACTICES OF TRANSPORTATION CENTERS SERVING SEVERAL COLLECTIVE FARMS] Opyt raboty mezhkolkhoznykh transportnykh baz. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 22 p.

ZAKHARIN, V. A. [Helicopter] Vertolet. Izd. 2., perer. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1961. 112 p.

ZAKHIDOV, A. Z. [Pumped storage electric power plants in seasonal operation] Nasosno-akkumuliruiushchie elektrostantsii sezonnogo teikla. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, 1959. 76 p.

ZAL'T, G. A., and V. V. ZVIAGINTSEV. [Thermal calculations of steam turbines] Teplovoi raschet paro-vykh turbin. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 280 p.

ZAMARIN, E. A. [Designing hydraulic structures] Proektirovanie gidrotekhnicheskikh sooruzhenii. Izd. 5. Moskva, Gos. izd-vo sel'khoz lit-ry, 1961. 227 p. (Uchebnik i uchebnye posobiia dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii)

ZAVRAZHIN, N. M., and M. I. OSIPOV. [Methods manual for the teachers of the construction and trade schools, for the painter and finisher groups] Metodicheskoe posobie prepodavateliam stroitel'nykh i remeslennykh uchilishch, dlia grupp maliarov-otdelochnikov. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 163 p.

ZELENKOV, G. I., and others. [Principles of designing repair shops and repair of road machinery] Remont dorozhnykh mashin i osnovy proektirovaniia remont-nykh predpriiatii. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 500 p.

ZGURSKII, A. E., and R. O. SHERSTIUK. [Inductive transducer for determining the number of steel rods] Induktivnyi datchik dlia opredeleniia kolichestva stal'nykh sterzhnei. Sverdlovsk, Gos. nauchno-tekhn. izd-vo po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1960. 18 p. (Obmen peredovym opytom)

ZHARIKOV, L. M. [Sing a song of miners; sketches] Pesnia o shakhterakh; ocherki. Moskva, Biblioteka "Ogonek," 1961. 44 p. (Biblioteka "Ogonek," no. 25)

ZHARLIKOV, N. V. [Multipurpose cutting tools] Kombinirovannye rezhushchie instrumenty. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 76 p.

ZHEREBIN, B. N., and others. [Expansion of blast furnace production at the Kuznetsk Metallurgical Combine] Razvitie domennogo proizvodstva na Kuznetskom metallurgicheskom kombinate. Pod obshchei red. B. N. Zherebina. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 361 p.

ZHUKOV, A. V. [Faults in the electric machines of diesel locomotives and methods for correcting them] Neispravnosti teplovoznykh elektricheskikh mashin i ikh ustranenie. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 117 p. (Bibliotechka mashinista teplovoza)

ZIBOROV, N. M., M. E. MISHUSTIN, and G. S. POPOV. [Low-power industrial boilers] Promyshlennye parovye kotly maloi moshchnosti. Moskva, Gos. energ. izd-vo, 1961. 278 p.

ZIMIN, V. I., and others. [Electric machinery windings] Obmotki elektricheskikh mashin. Izd. 5., perer. Moskva, Gos. energ. izd-vo, 1961. 475 p.

ZUBAREV, P. D. [Making slag wool of primary slag melts; experience of plants in the Donets Basin] Proizvodstvo shlakovoi vaty iz pervichnykh shlakovykh rasplavov, iz opyta raboty zavodov v Donbasse. Pod red. K. E. Gorlainova. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 87 p.

ZUNDELEVICH, M. I. [Technological processes in the manufacture of large hydrogenerators] Tekhnologiia proizvodstva krupnykh gidrogeneratorov. Moskva, Gos. energ. izd-vo, 1961. 284 p.

17. MILITARY & NAVAL SCIENCES

BAZANOV, A. G. [Pedagogy; essays on the theory and practice of academic instruction and training of Soviet soldiers] Pedagogika; ocherki po teorii i praktike obucheniia i vospitaniia sovetskikh voinov. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 213 p.

BIRIUKOVICH, M. M., and M. IA. BUKSHPUN. ["Don" shipboard radar station] Sudovaia radiolokatsionnaia stantsiia "Don." Moskva, Morskoi transport, 1961. 107 p.

BRITOV, V. V. [Birth of the Red Army] Rozhdenie Krasnoi Armii. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 278 p.

DUBROV, M. M., and F. IA. ZHARKOV. [Auxiliary mechanisms of river ships, an atlas] Vspomogatel'nye mekhanizmy rechnykh sudov, atlas. Leningrad, Izd-vo M-va morskogo i rechnogo flota SSSR, 1953. 202 p.

GORELEICHENKO, V. K., V. L. LYCHKOVSKII, and IU. A. REINGOL'DT. [Electrical equipment of ships and river transportation enterprises] Elektricheskoe oborudovanie sudov i predpriiatii rechnogo transporta. Leningrad, Izd-vo M-va rechnogo flota SSSR, 1960. 520 p.

GUNDOBIN, A. A., and M. T. CHASHKOV. [Improving the stability of ships being re-equipped] Uluchshenie ostoichivosti pereoborudovannykh sudov. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 69 p.

KRIVOPUSK, P. K., and N. D. PILIUTSKII. [Along the road of technical progress] Dorogoi tekhnicheskogo progressa. Moskva, Izd-vo "Morskoi transport," 1960. 78 p. (Biblioteka po obmenu opytom na morskom transporte)

[THE LAW OF MILITARY LIFE, collected articles on the new regulations of the Armed Forces of the U.S.S.R.] Zakon zhizni voina. O novykh ustavakh vooruzhennykh sil Soiuza SSR, sbornik statei. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 84 p.

LAZAREV, V. A. [Automobile engines in launch building] Avtomobil'nye dvigateli v katerostroenii. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 258 p.

LENINGRAD. GOSUDARSTVENNYI OKEANOGRAFICHESKII INSTITUT. [Astronomical N and C data for 1961-1966 for tide tables (permanent)] Astronomicheskie dannye N i C na 1961-1966 gg. dlia vkhoda v tablitsy prilivov (postoiannogo deistviia). Leningrad, Gidrometeoizdat, 1960. 15 p.

LESIUKOV, V. A. [Theory and design of ships for inland navigation] Teoriia i ustroistvo sudov vnutrennego plavaniia. Leningrad, Izd-vo "Rechnoi transport," Leningr. otd-nie, 1961. 371 p.

[MANUAL FOR SEA CAPTAINS] Spravochnik kapitana dal'nego plavaniia. Pod obshchei red. B. P. Khabura. Leningrad, Izd-vo "Morskoi transport," 1961. 907 p.

NOVOKRESHCHENOV, A. A., and F. F. RENNENGARDT. [Maintenance of hulls of ships engaged in inland navigation] Ukhod za korpusami sudov vnutrennego plavaniia. Pod red. IU. V. Gorianskogo. Leningrad, Izd-vo "Rechnoi transport," Leningr. otd-nie, 1961.

[OUR COUNTRYMEN ARE HEROES OF THE SOVIET UNION] Nashi zemliaki - Geroi Sovetskogo Soiuza. Elista, Kalmytskoe knizhnoe izd-vo, 1960. 120 p. (40 let Sovetskoi Kalmykii)

PAVLENKO, G. E. [Regulation and automatic control of shiphandling on rivers] O regulirovanii rezhimov i avtomatizatsii sudovozhdeniia na rekakh. Kiev, Izd-vo Akad. nauk USSR, 1961. 24 p.

RUSAKOV, Z. G. [Marine engineer's guide] Pamiatnaia knizhka sudovogo mekhanika. Moskva, Izd-vo "Morskoi transport," 1961. 454 p.

TERENT'EV, G. B. [Seagoing wooden vessels] Morskie derevianye suda. Pod red. N. K. Dormidontova. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 244 p.

UKOLOV, D. P. [Hoisting operations in shipbuilding] Gruzopod"emnye raboty pri postroike sudov. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1960. 90 p.

VASIL'EV, A. L. [Cargo hatch covers on ships] Zakrytiia sudovykh gruzovykh liukov. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 137 p.

PART B—PERIODICALS

An asterisk (*) appearing before a periodical title indicates that it is available in full English translation. For publishers of such translated periodicals, their subscription prices, etc., see listing at end of this issue.

1. GENERAL

a. SCHOLARLY JOURNALS

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Izvestiia. Seriia obshchestvennykh nauk [ACADEMY OF SCIENCES OF THE AZERBAIJAN S.S.R. Bulletin. Series in the Social Sciences]. Baku, no. 3, 1961.

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. Soobshcheniia [ACADEMY OF SCIENCES OF THE GEORGIAN S.S.R. Reports]. Tiflis, vol. 26, no. 6, 1961; vol. 27, no. 1, 1961. [In Georgian.]

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Vestnik [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Journal]. Alma-Ata, vol. 17, nos. 5(194)-6(195), May-June 1961.

AKADEMIIA NAUK SSSR. Vestnik [ACADEMY OF SCIENCES OF THE U.S.S.R. Journal]. Moscow, vol. 31, nos. 5-7, May-July 1961.

AKADEMIIA NAUK SSSR. Sibirskoe otdelenie. Izvestiia [ACADEMY OF SCIENCES OF THE U.S.S.R. Siberian Branch. Bulletin]. Novosibirsk, nos. 4-6, 1961.

AKADEMIIA NAUK SSSR. Vostochno-Sibirskii filial, Irkutsk. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. East Siberian Branch. Transactions]. Moscow, no. 23, 1960.

KAZAN. UNIVERSITET. Uchenye zapiski [UNIVERSITY. Studies]. Vol. 120, nos. 3-4, 1960.

LENINGRAD. UNIVERSITET. Uchenye zapiski [UNIVERSITY. Studies]. No. 270, 1959. [Seriia istoricheskikh nauk, no. 32.

LENINGRAD. UNIVERSITET. Vestnik [UNIVERSITY. Review].
Vol. 16, no. 11, 1961. Seriia ekonomiki, filosofii i prava [Series in Economics, Philosophy, and Law], no. 2. [With summaries in English.]
Vol. 16, no. 12, 1961. Seriia geologii i geografii [Series in geology and Geography]. [With summaries in English.]

MOSCOW. MOSKOVSKII OBLASTNOI PEDAGOGICHESKII INSTITUT. Uchenye zapiski [MOSCOW PROVINCE PEDAGOGICAL INSTITUTE. Studies]. Vol. 82, 1960.

NAUKOVE TOVARYSTVO IMENI SHEVCHENKA. Biuleten' [SHEVCHENKO SCIENTIFIC SOCIETY. Bulletin]. Sarcelles, France, no. 12, Nov. 1960. [In Ukrainian.]

OBSHCHESTVENNYE NAUKI V UZBEKISTANE [SOCIAL SCIENCES IN UZBEKISTAN]. Issued by Akademiia nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S.S.R.]. Tashkent, no. 4, 1961.

OMSK. GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. Uchenye zapiski [STATE PEDAGOGICAL INSTITUTE. Studies]. No. 12, 1959.

SARANSK. MORDOVSKII GOSUDARSTVENNYI UNIVERSITET. Uchenye zapiski [MORDVINIAN STATE UNIVERSITY. Studies]. No. 10, 1960.
Contents: Rzhavitin, V. N. [Vegetative hybridization of plants] Vegetativnaia gibridizatsiia rastenii. 316 p.

SYKTYVKAR. KOMI GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. Uchenye zapiski [KOMI STATE PEDAGOGICAL INSTITUTE. Studies]. No. 8, 1960.

UKRAINS'KYI OHLIAD. UKRAINIAN DIGEST. New York, no. 6, 1961. [In Ukrainian.]

b. POPULAR MAGAZINES

AMERIKA, illiustrirovannyi zhurnal [AMERICA ILLUSTRATED]. Published by the United States Information Agency. Washington, D.C., nos. 58-59, 1961.

AZIIA I AFRIKA SEGODNIA [ASIA AND AFRICA TODAY]. Issued by Institut narodov Azii and Institut Afriki Akademii nauk SSSR [Institute of the Peoples of Asia and the Institute of Africa of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 3, 5-6, May., May-June 1961. [Supersedes Sovremennyi Vostok.]

BARVINOK [PERIWINKLE]. Issued by TSentral'nyi komitet Lenina'koho komunistychnoho soiuzu molodi Ukrainy and Respublikans'koi rady Vsesoiuznoi pioners'koi organizatsii imeni V. I. Lenina [Central Committee of the Ukrainian Communist Youth of Lenin and the Republican Council of the All-Union Lenin Pioneers]. Kiev, nos. 7-8, July-Aug. 1961. [In Ukrainian.]

BIAROZKA [THE LITTLE BIRCH]. Issued by TSentral'ny kamitet Leninskaha komunistychnaha saiuza moladzi Belarusi and Respublikanki Savet pilanerskai organizatsyi imia V. I. Lenina [Central Committee of the White Russian Communist Youth League of Lenin and the Republican Council of Lenin Pioneers]. Minsk, vol. 37, no. 7, July 1961. [In White Russian.]

KAPKĂN, Chuvashskii satiricheskii zhurnal [TRAP, Chuvash Satirical Magazine]. Cheboksarry, vol. 21, nos. 11(380), 13(382)-14(383), June-July 1961. [In Chuvash.]

KHORPUSHTAK [HEDGEHOG]. Stalinabad, no. 5(97), May 1961. [In Tajik.]

KOSTER [CAMP FIRE]. Issued by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin] and others. Leningrad, nos. 6-7, June-July 1961.

KROKODIL [CROCODILE]. Issued by gazeta [Newspaper] "Pravda." Moscow, vol. 40, no. 19(1633), July 1961.

KYIV [KIEV]. Published by Bohdan Romanenchuk. Philadelphia, vol. 12, no. 3(68), May-June 1961. [In Ukrainian.]

MĚDENIET ZHĚNE TŬRMYS [CULTURE AND LIVE]. Issued by Ministerstvo kul'tury Kazakhskoi SSR [Ministry of Culture of the Kazakh S.S.R.]. Alma-Ata, no. 6, June 1961. [In Kazakh.]

MURZILKA [TINY TOT]. Issued by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi and TSentral'nogo soveta Vsesoiuznoi pionerskoi organizatsii imeni V. I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the V. I. Lenin All-Union Pioneer Organization]. Moscow, no. 7, July 1961.

MUSHTUM [PUNCH]. Tashkent, vol. 39, nos. 1(595)-9(603), Jan.-May 1961. [In Uzbek.]

MY I SVIT. WE AND THE WORLD. Toronto, no. 63, 1961. [In Ukrainian.]

NOVAIA KOREIA [NEW KOREA] Published by Izdatel'stvo literatury na inostrannykh iazykakh [Foreign-Language Publishing House]. Pyongyang, no. 7(151), 1961.

PERETS' [PEPPER]. Issued by Vydavnytstvo [Publishing House] "Radians'ka Ukraina." Kiev, vol. 21, nos. 12(455)-13(456), June-July 1961. [In Ukrainian.]

PIONER [PIONEER]. Issued by the Central Committee of the Turkmenistan Communist Youth League of Lenin, Ashkhabad, nos. 5-6, May-June 1961. [In Turkmen.]

PIONER [PIONEER]. Issued by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi and TSentral'nyi sovet Vsesoiuznoi pionerskoi organizatsii imeni V. I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the All-Union Lenin Pioneers]. Moscow, vol. 38, nos. 6-7, June-July 1961.

PIONERIIA [PIONEERS]. Issued by TSentral'nyi komitet leninskoho komunistychnoho soiuza molodi Ukrainy and Respublikans'koi Rady Vsesoiuznoi pioners'koi organizatsii imeni V. I. Lenina [Central Committee of the Ukrainian Communist Youth League of Lenin and the Republic Council of the All-Union Lenin Pioneers]. Kiev, vol. 38, nos. 7(452)-8(453), July-Aug. 1961. [In Ukrainian.]

RABOCHE-KREST'IANSKII KORRESPONDENT [WORKERS' AND PEASANTS' CORRESPONDENT]. Published by Izd-vo [Publishing House] "Pravda." Moscow, no. 7, July 1961.

RODINA [OUR COUNTRY]. Issued by Komitet za vozvrashchenie na Rodinu i razvitie kul'turnykh sviazei s sootechestvennikami [Committee for Repatriation and Development of Cultural Relations with our Countrymen]. Berlin, vol. 3, no. 3(12), May-June 1961.

RODNYE DALI [BELOVED VISTAS]. Hollywood, Calif., vol 8, no. 89, Aug. 1961

SIIATEL' [SOWER]. Published by N. Cholovskii. Buenos Aires, nos. 98-100, Jan.-Feb., Apr., June 1961.

SKYNTEIA LENINISTE [LENINIST SPARK]. Issued by Moldavian Communist Youth League of Lenin, Kishinev, vol. 31, no. 7, July 1961. [In Moldavian.]

SUMIVETS'. Organ of Spilka ukrains'koi molodi Ameryky [Ukrainian American Youth Association]. New York, vol. 8, no. 1(35), Jan.-Apr. 1961. [In Ukrainian.]

SVOBODNOE SLOVO, ezhemesiachnyi karpato-russkii zhurnal [FREE WORD, Carpatho-Russian Monthly]. Newark, vol. 2, no. 11/12(23-24), Nov.-Dec. 1960. vol. 3, no. 3/4(27/28), Mar.-Apr. 1961.

TOČHIKISTON [TAJIKISTAN]. Stalinabad, nos. 5-6, May-June 1961. [In Tajik.]

URAL'SKII SLEDOPYT [URAL PATHFINDER]. Issued by Sverdlovskoe otdelenie Soiuza pisatelei and Sverdlovskii obkom VLKSM [Sverdlovsk Branch of the Association of Writers and the Sverdlovsk Province Committee of the All-Union Communist Youth League of Lenin]. Sverdlovsk, nos. 5-6, May-June 1961.

V'ETNAM [VIETNAM]. Hanoi, Vietnam, nos. 5(44)-6(45), 1961.

VOZHYK [HEDGEHOG]. Issued by TSentral'nyi kamitet Komunistychnai partyi Belarusi [Central Committee of the Communist Party of White Russia]. Minsk, vol. 21, no. 13(515), July 1961. [In White Russian.]

VSESVIT. THE UNIVERSE. Neu-Ulm, vol. 4, no. 7(37), July 1961. [In Ukrainian.]

VYZVOL'NYI SHLIAKH [LIBERATION PATH]. London, vol. 8(14), nos. 6/90(164)-7/91(165), June-July 1961. [In Ukrainian.]

ZA SYNIM OKEANOM [BEYOND THE BLUE OCEAN]. New York, vol. 3, no. 4, June-July 1961. [In Ukrainian.]

ZHIZN' GLUKHIKH [LIFE OF THE DEAF]. Issued by Vserossiskoe obshchestvo glukhikh [All-Russian Society of the Deaf]. Moscow, vol. 14, nos. 6-7, June-July 1961.

ZHIZN' SLEPYKH [LIFE OF THE BLIND]. Organ of TSentral'noe pravlenie Vsoroseiskogo obshchestva slepykh [Central Administration of the All-Russian Society of the Blind]. Moscow, vol. 39, no. 6, June 1961.

2. BIBLIOGRAPHY

a. BIBLIOGRAPHY

BIBLOS; ZHURNAL UKRAINS'KOI BIBLIOGRAFII [JOURNAL OF URKAINIAN BIBLIOGRAPHY]. New York, vol. 7, no. 6(74), June 1961. [In Ukrainian.]

KNIZHNAIA LETOPIS' [BOOK CHRONICLE]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos. 27-30, 1961; Vspomogatel'nye ukazateli [Index], 1961.

LETOPIS' RETSENZII [CHRONICLE OF REVIEWS]. Published by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, no. 2, 1961.

LETOPIS' ZHURNAL'NYKH STATEI [CHRONICLE OF PERIODICAL ARTICLES]. Published by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos. 27-31, 1961; Vspomogatel'nye ukazateli [Index], 1961.

MOSCOW. PUBLICHNAIA BIBLIOTEKA. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Seriia 1: Fiziko-matematicheskie, khimicheskie i geologo-geograficheskie nauki; tekhnika i tekhnicheskie nauki [PUBLIC LIBRARY. Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 1: Physical-Mathematical, Chemical and Geological-Geographical Sciences; Technology and Technological Sciences]. Nos. 18, 20-21, 1961.

MOSCOW. PUBLICHNAIA BIBLIOTEKA. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Seriia 2: Biologicheskie, meditsinskie i sel'skokhoziaistvennye nauki [PUBLIC LIBRARY. Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 2: Biological, Medical, and Agricultural Sciences]. Nos. 18, 20, 1961.

MOSCOW. PUBLICHNAIA BIBLIOTEKA. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Seriia 3: Obshchestvennye nauki, khudozhestvennaia literatura, iskusstvo [PUBLIC LIBRARY. Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 3: Social Sciences, Belles-Lettres, Art]. no. 20, 1961.

NOVAIA LITERATURA O NAUKE I NAUCHNO-ISSLEDOVATEL'SKOI RABOTE ZA RUBEZHOM [NEW LITERATURE ON SCIENCE AND RESEARCH ABROAD]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 3-4, 1961.

NOVAIA LITERATURA PO EVROPEISKIM STRANAM NARODNOI DEMOKRATII I SLAVIANOVEDENIIU: BOLGARIIA [NEW LITERATURE ON EUROPEAN PEOPLE'S DEMOCRACIES AND SLAVIC STUDIES: BULGARIA]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 4-5, 1961.

NOVAIA LITERATURA PO EVROPEISKIM STRANAM NARODNOI DEMOKRATII I SLAVIANOVEDENIIU: CHEKHOSLOVAKIIA [NEW LITERATURE ON EUROPEAN PEOPLE'S DEMOCRACIES AND SLAVIC STUDIES: CZECHOSLOVAKIA]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 4, 1961.

NOVAIA LITERATURA PO EVROPEISKIM STRANAM NARODNOI DEMOKRATII I SLAVIANOVEDENIIU: POL'SHA [NEW LITERATURE ON EUROPEAN PEOPLE'S DEMOCRACIES AND SLAVIC STUDIES: POLAND]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 4, 1961.

NOVAIA LITERATURA PO EVROPEISKIM STRANAM NARODNOI DEMOKRATII: RUMYNIIA [NEW LITERATURE ON EUROPEAN PEOPLE'S DEMOCRACIES: RUMANIA]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 4-5, 1961.

NOVAIA LITERATURA PO EVROPEISKIM STRANAM NARODNOI DEMOKRATII: VENGRIIA [NEW LITERATURE ON EUROPEAN PEOPLE'S DEMOCRACIES: HUNGARY]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 4-5, 1961.

NOVAIA LITERATURA PO IUGOSLAVII [NEW LITERATURE ON YUGOSLAVIA]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 4, 1961

NOVAIA SOVETSKAIA I INOSTRANNAIA LITERATURA PO STRANAM ZARUBEZHNOGO VOSTOKA [NEW SOVIET AND FOREIGN LITERATURE ON THE COUNTRIES OF THE NON-SOVIET EAST]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 4, 1961.

NOVAIA SOVETSKAIA LITERATURA O NAUKE I NAUCHNO-ISSLEDOVATEL'SKOI RABOTE V SSSR [NEW SOVIET LITERATURE ON SCIENCE AND GENERAL RESEARCH IN THE U.S.S.R.]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 4, 1961.

NOVYE KNIGI [NEW BOOKS]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos. 29-30, July 1961.

NOVYE KNIGI ZA RUBEZHOM PO OBSHCHESTVENNYM NAUKAM; ekonomika, filosofiia, istoriia, mezhdunarodnye otnosheniia [NEW FOREIGN BOOKS ON THE SOCIAL SCIENCES; Economics, Philosophy, History, International Relations]. Issued by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, vol. 4, no. 6, June 1961.

SOVETSKAIA BIBLIOGRAFIIA [SOVIET BIBLIOGRAPHY]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, no. 3(67), 1961.

V MIRE KNIG [IN THE WORLD OF BOOKS]. Organ of Ministerstv kul'tury SSSR i RSFSR [Ministries of Culture of the U.S.S.R. and the R.S.F.S.R.]. Moscow, vol. 1, no. 6, June 1961.

b. LIBRARIES & LIBRARY SCIENCE

BIBLIOTEKAR' [THE LIBRARIAN]. Organ of Ministerstvo kul'tury RSFSR [Ministry of Culture of the R.S.F.S.R.]. Moscow, no. 6, June 1961.

BIBLIOTEKI SSSR [LIBRARIES OF THE U.S.S.R.]. Issued by Gosudarstvennaia biblioteka SSSR imeni V. I. Lenina [Lenin State Library of the U.S.S.R.]. Moscow, no. 16, 1961.

MOSCOW. VSESOIUZNAIA GOSUDARSTVENNAIA BIBLIOTEKA INOSTRANNOI LITERATURY. Opyt raboty bibliotek s inostrannoi literaturoi [ALL-UNION STATE LIBRARY OF FOREIGN LITERATURE. Library Practices in Working With Foreigh Materials]. Moscow, no. 2, 1959.

c. PRINTING & THE BOOK TRADE

PECHAT' SSSR, 1960; statisticheskie materialy [THE PRESS OF THE U.S.S.R., 1960; statistical material]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, 1961. 177 p.

POLIGRAFICHESKOE PROIZVODSTVO [PRINTING INDUSTRY]. Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.]. Moscow, no. 5, May 1961.

SOVETSKAIA KNIZHNAIA TORGOVLIA [SOVIET BOOK TRADE]. Organ of Ministerstvo kul'tury SSSR and TSentral'nyi soiuz potrebitel'skikh obshchestv SSSR [Ministry of Culture of the U.S.S.R. and the Central Union of Consumers Societies of the U.S.S.R.]. Moscow, vol. 12, no. 8, Aug. 1960.

3. PHILOSOPHY & RELIGION

a. PHILOSOPHY

NOVAIA INOSTRANNAIA LITERATURA PO FILOSOFII [NEW FOREIGN LITERATURE ON PHILOSOPHY]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 3-4, 1961.

NOVAIA SOVETSKAIA LITERATURA PO FILOSOFII [NEW SOVIET LITERATURE ON PHILOSOPHY]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 4-5, 1961.

VOPROSY FILOSOFII [PROBLEMS OF PHILOSOPHY]. Issued by Institut filosofii Akademii nauk SSSR [Institute of Philosophy of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 15, no. 6, 1961. [With summaries in English.]

VOPROSY PSIKHOLOGII [PROBLEMS OF PSYCHOLOGY] Issued by Akademiia pedagogicheskikh nauk RSFSR [Academy of Pedagogical Sciences of the R.S.F.S.R.]. Moscow, vol. 7, nos. 2-3, Mar.-June 1961. [With summaries in English.]

b. RELIGION

DUKHOVNOE PROBUZHDENIE [SPIRITUAL AWAKENING]. Helsinki, vol. 40, nos. 5-6, 1961.

OBNOV'IANYN. THE OBNOVAN. Published by Kanadiis'ka federatsiia tovarystv ukrains'kykh studentiv katolykiv "Obnova" [Canadian Federation of Ukrainian Catholic Student Organizations "Obnova"]. Winnipeg, vol. 5, no. 1(5), Dec. 1950.

ROSSIIA I VSELENSKAIA TSERKOV' [RUSSIA AND THE UNIVERSAL CHURCH]. Bruxelles, no. 4(62), July-Aug. 1961.

RUSSKOE STUDENCHESKOE KHRISTIANSKOE DVIZHENIE. Vestnik [RUSSIAN STUDENTS' CHRISTIAN MOVEMENT. Messenger]. Paris, no. 60, Jan. 1961.

UKRAINS'KE PRAVOSLAVNE SLOVO. UKRAINIAN ORTHODOX WORD. Organ of the Ukrainian Orthodox Church of the United States of America. South Bound Brook, N.J., vol. 12, nos. 6-7/8, June-July 1961. [In Ukrainian.]

VECHNOE [THE ETERNAL]. Paris, nos. 6(162)-7(163), June-July 1961.

VIRA I KUL'TURA. FAITH AND CULTURE. Organ of Ukrains'ke naukove bohoslovs'ko tovarystvo [Ukrainian Theological Society]. Winnipeg, vol. 24, nos. 6(90), 8(92)-9(93), Apr., June-July 1961. [In Ukrainian.]

VOIOVNYCHYI ATEIST [MILITANT ATHEIST]. Issued by Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR [Society for Dissemination of Political and Scientific Knowledge of the Ukrainian S.S.R.]. Kiev, nos. 2-3, Feb.-Mar. 1961. [In Ukrainian.]

4. HISTORY

a. GENERAL

KIAKHTA, KIAKHTINSKII RESPUBLIKANSKII MUZEI KRAEVEDENIIA. Trudy [KYAKHTA REPUBLIC MUZEUM FOR REGIONAL STUDY. Transactions]. Vol. 17, no. 1, 1959.

MOSCOW. UNIVERSITET. Vestnik. Seriia 9: Istoricheskie nauki [UNIVERSITY. Review. Series 9 Historical Sciences]. Vol. 16, no. 3, May-June 1961.

NOVAIA INOSTRANNAIA LITERATURA PO ISTORII, ARKHEOLOGII I ETNOGRAFII [NEW FOREIGN LITERATURE ON HISTORY, ARCHAEOLOGY, AND ETHNOGRAPHY]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 4-5, 1961.

NOVAIA SOVETSKAIA LITERATURA PO ISTORII, ARKHEOLOGII I ETNOGRAFII [NEW SOVIET LITERATURE ON HISTORY, ARCHAEOLOGY, AND ETHNOGRAPHY]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 3-4, 1961.

OBSHCHESTVO RUSSKIKH VETERANOV VELIKOI VOINY, San Francisco. Vestnik [SOCIETY OF RUSSIAN VETERANS OF THE GREAT WAR. Herald]. San Francisco, no. 220, July 1961.

VOPROSY ISTORII [PROBLEMS OF HISTORY]. Issued by Otdelenie istoricheskikh nauk Akademii nauk SSSR [Department of History of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 6, June 1961. [With summaries in English.]

b. ARCHAEOLOGY & ANTIQUITIES

ARKHEOLOGICHESKII SBORNIK [ARCHAEOLOGICAL PAPERS]. Issued by Buriatskii kompleksnyi nauchno-issledovatel'skii institut [Buryat General Scientific Research Institute]. Ulan-Ude, vol. 1, 1959.

MATERIALY I ISSLEDOVANIIA PO ARKHEOLOGII SSSR [MATERIALS AND RESEARCH IN THE ARCHAEOLOGY OF THE U.S.S.R.]. Issued by Institut istorii material'noi kul'tury Akademii nauk SSSR [Institute of History of Material Culture of the Academy of Sciences of the U.S.S.R.]. Moscow, no.94, 1961.
Contents: Gorunova, E.I. [Ethnic history of the Volga-Oka interfluve] Etnicheskaia istoriia Volgo-Okskogo mezhdurech'ia. 264 p.
No.98, 1961.
Contents: Shelov, D.B. [The Tanais necropolis, archaeological excavations, 1955-1958] Nekropol' Tanaisa; raskopki 1955-1958 gg. 94 p.

SOVETSKAIA ARKHEOLOGIIA [SOVIET ARCHAEOLOGY]. Issued by Institut istorii material'noi kul'tury Akademii nauk SSSR [Institute of History of Cultural Materials of the Academy of Sciences of the U.S.S.R.]. Moscow, vol.5, no.2, 1961.

5. SOCIAL SCIENCES

a. COMMERCE

NOVYE TOVARY; informatsionnyi biulleten' [NEW CONSUMER GOODS; Information Bulletin]. Moscow, nos.5-6, 1961.

TORGOVLIA ZA RUBEZHOM; organizatsiia, novye metody, tekhnika torgovli i massovogo pitaniia [TRADE ABROAD; Organization, New Methods, and Equipment of Trade and Public Food Service]. Moscow, nos.6-7, 1961.

b. ECONOMICS

AKADEMIIA NAUK SSSR. Sibirskoe otdelenie. Laboratoriia po primeneniiu statisticheskikh i matematicheskikh metodov v ekonomike. Nauchnaia informatsiia po ekonomike i statistike [ACADEMY OF SCIENCES OF THE U.S.S.R. Siberian Department. Laboratory for the Application of Statistical and Mathematical Methods in Economics. Scientific Information on Economics and Statistics]. Moscow, no.5, 1960.
Contents: Finkel'shtein, B.V. [Lectures on linear programming; introduction to linear algebra] Lektsii po lineinomu programmirovaniiu; vvedenie v lineinuiu algebru. Part 1. 123 p.

EKONOMIKA RADIANS'KOI UKRAINY [ECONOMICS OF THE SOVIET UKRAINE]. Issued by Instytut ekonomiky Akademii nauk URSR [Institute of Economics of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, no.3, May-June 1961. [In Ukrainian.]

EKONOMIKA STROITEL'STVA [ECONOMICS OF CONSTRUCTION]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, no.5, May 1961.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT EKONOMIKI SEL'SKOGO KHOZIAISTVA. Materialy nauchno-issledovatel'skikh rabot [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF AGRICULTURAL ECONOMICS. Materials of Scientific Research Work]. No.27, 1958.

NARODNOE KHOZIAISTVO KAZAKHSTANA [THE NATIONAL ECONOMY OF KAZAKHSTAN]. Issued by Gosplan Kazakhskoi SSR [State Planning Commission of the Kazakh S.S.R.]. Alma-Ata, vol.19, no.6, June 1961.

NOVAIA INOSTRANNAIA EKONOMICHESKAIA LITERATURA [NEW FOREIGN ECONOMIC LITERATURE]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no.4, 1961.

NOVAIA SOVETSKAIA EKONOMICHESKAIA LITERATURA [NEW SOVIET ECONOMIC LITERATURE]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos.14-17, 1961.

PLANOVOE KHOZIAISTVO [PLANNED ECONOMY]. Issued by Gosekonomsovet SSSR and Gosplan SSSR [State Economic Council of the U.S.S.R. and the State Planning Commission of the U.S.S.R.]. Moscow, vol.38, no.7, July 1961.

REFERATIVNYI SBORNIK: EKONOMIKA PROMYSHLENNOSTI [JOURNAL OF ABSTRACTS: ECONOMICS OF INDUSTRY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos.6-7, June-July 1961.

VESTNIK STATISTIKI [STATISTICAL REVIEW]. Organ of TSentral'noe statisticheskoe upravlenie SSSR [Central Statistical Administration of the U.S.S.R.]. Moscow, no.6, 1961.

c. FINANCE

DEN'GI I KREDIT [MONEY AND CREDIT]. Published by Gosudarstvennyi bank SSSR [U.S.S.R. State Bank]. Moscow, vol.19, no.6, June 1961.

FINANSY SSSR [FINANCE OF THE U.S.S.R.]. Published by Ministerstvo finansov SSSR [Ministry of Finance of the U.S.S.R.]. Moscow, vol 22, no.6, June 1961.

d. LABOR

BEZOPASNOST' TRUDA V PROMYSHLENNOSTI [INDUSTRIAL SAFETY]. Organ of Komitet po nadzoru za bezopasnym vedeniem rabot v promyshlennosti i gornomu nadzoru pri Sovete Ministrov RSFSR [Committee for Safety Inspection in Industry and Mining, Attached to the Council of Ministers of the R.S.F.S.R.]. Moscow, vol.5, nos.6-7, June-July 1961.

BIULLETEN' NAUCHNOI INFORMATSII: TRUD I ZARABOTNAIA PLATA [BULLETIN OF SCIENTIFIC INFORMATION: LABOR AND WAGES]. Issued by Nauchno-issledovatel'skii institut truda Gosudarstvennogo komiteta Soveta Ministrov SSSR po voprosam truda i zarabotnoi platy [Labor Scientific Research Institute of the State Committee of the Council of Ministers of the U.S.S.R. for Labor and Wages]. Moscow, vol.4, nos.4,6, 1961.

RABOTNITSA [THE WOMAN WORKER]. Published by Izd-vo [Publishing House] "Pravda," Moscow, vol.39, no.7, July 1961.

SOTSIALISTICHESKII TRUD [SOCIALIST LABOR]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po voprosam truda i zarabotnoi platy [State Committee of the Council of Ministers of the U.S.S.R. on Labor and Wage Problems]. Moscow, vol.5, no.12, Dec. 1960; vol.6, no.5, May 1961.

SOVETSKIE PROFSOIUZY [SOVIET TRADE UNIONS]. Issued by Vsesoiuznyi TSentral'nyi Sovet Professional'nykh Soiuzov [All-Union Central Council of Trade Unions]. Moscow, vol.17, no.12, June 1961.

VSEMIRNOE PROFSOIUZNOE DVIZHENIE [WORLD TRADE-UNION MOVEMENT]. Organ of Vsemirnaia federatsiia profsoiuzov [World Federation of Trade Unions]. Moscow, no.5, May 1961.

e. SOCIOLOGY

AZERBAIĆHAN GADYNY [AZERBAIJAN WOMAN]. Issued by TSentral'nyi komitet Kommunisticheskoi Partii Azerbaidzhana [Central Committee of the Communist Party of Azerbaijan]. Baku, no.6, June 1961. [In Azerbaijani.]

KAZACH'IA ZHIZN' [COSSACK LIFE]. Issued by Vtoroi otdel Kazach'e-amerikanskogo narodnogo soiuza [Second Division of the Cossack American National Alliance, Inc.]. Providence, R.I., vol.8, no.97, March. 1961; vol.9, no.101, July 1961.

KAZAKSTAN EIELDERI [KAZAKHSTAN WOMAN]. Alma-Ata, nos.6-7, June-July 1961. [In Kazakh.]

KOMSOMOL'SKAIA ZHIZN' [LIFE OF COMMUNIST YOUTH]. Issued by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, nos.23-24, Dec. 1959; no.2, Jan. 1960; no.12, June 1961.

NASH SVIT. OUR WORLD. Published by "Selfreliance," an Association of American Ukrainians, and the Ukrainian Economic Advisory Assoc., Inc., New York, vol.2(11), no.9(91), Dec. 1960. [In Ukrainian.]

NASHE ZHYTTIA. OUR LIFE. Issued by Soiuz ukrainok Ameryky [Ukrainian National Women's League of America, Inc.]. Philadelphia, vol.18, no.6, June 1961. [In Ukrainian.]

RADIANS'KA ZHINKA [SOVIET WOMAN]. Issued by Ukrains'ka respublikans'ka rada profesiinykh spilok and Spilka radians'kykh pys'mennykiv Ukrainy [Ukrainian Republican Council of Trade Unions and of the Association of Soviet Writers of the Ukraine]. Kiev, vol.16, no.7(187), July 1961. [In Ukrainian.]

SOVETSKAIA ZHENSHCHINA [SOVIET WOMAN] Organ of Komitet sovetskikh zhenshchin and Vsesoiuznyi TSentral'nyi Sovet Professional'nykh Soiuzov [Committee of Soviet Women and of the All-Union Central Council of Trade Unions]. Moscow, vol.17, nos.7-8, 1961.

SOVETSKII KRASNYI KREST [SOVIET RED CROSS]. Organ of Ispolnitel'nyi komitet Soiuza Obshchestv krasnogo kresta i krasnogo polumesiatsa SSSR [Executive Committee of the Association of Societies of the Red Cross and Red Crescent of the U.S.S.R.]. Moscow, vol.11, no.3(57), May-June 1961.

UZBEKISTON KHOTIN-KIZLARI [WOMEN OF UZBEKISTAN]. Tashkent, nos.3(126)-5(128), Mar.-May 1961 [In Uzbek.]

ZMINA [THE YOUNGER GENERATION]. Issued by TSentral'nyi komitet Leninskoho komunistychnoho soiuzu molodi Ukrainy [Central Committee of the Ukrainian Communist Youth League of Lenin]. Kiev, no.7(100), July 1961. [In Ukrainian.]

6. POLITICAL SCIENCE

AGITATOR [AGITATOR]. Issued by TSentral'nyi komitet Kommunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, nos.7,13, Apr., July 1961.

CHASOVOI [THE SENTRY]. Organ of Rossiiskoe natsional'noe dvizhenie [Russian National Movement]. Brussels, nos.418 (3), 420 (5), Mar., May, 1961.

KAMUNIST BELARUSI [COMMUNIST OF WHITE RUSSIA]. Issued by TSentral'ny kamitet Kamunistychnai partyi Belarusi [Central Committee of the Communist Party of White Russia]. Minsk, vol.35, no.6, June 1961. [In White Russian.]

KAZAKSTAN KOMMUNISI [COMMUNIST OF KAZAKHSTAN.] Issued by the Communist Party of Kazakhstan. Alma-Ata, vol.40, nos 6-7, June-July 1961. [In Kazakh.]

KOMMUNIST [COMMUNIST]. Organ of the Central Committee of the Communist Party of Kirgizia. Frunze, vol.35, nos.5-7, May-July 1961. [In Kirghiz.]

KOMMUNIST [COMMUNIST]. Organ of TSentral'nyi komitet Kommunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, vol.38, nos.10-11, July 1961.

KOMMUNIST BELORUSSII [COMMUNIST OF WHITE RUSSIA]. Organ of TSentral'nyi komitet Kommunisticheskoi partii Belorussii [Central Committee of the Communist Party of White Russia]. Minsk, vol.35, no.3, Mar. 1961.

KOMMUNIST UKRAINY [COMMUNIST OF THE UKRAINE]. Issued by TSentral'nyi komitet Komunistychnoi partii Ukrainy [Central Committee of the Communist Party of the Ukraine]. Kiev, vol.38, no.7, July 1961. [In Ukrainian.]

KOMMUNISTI TOČHIKISTON [COMMUNIST OF TAJIKISTAN]. Issued by the Central Committee of the Communist Party of Tajikistan. Stalinabad, vol. 20, no.6, June 1961. [In Tajik.]

MEZHDUNARODNAIA ZHIZN' [INTERNATIONAL LIFE]. Published by Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii [All-Union Society for the Dissemination of Political and Scientific Knowledge]. Moscow, vol.8, no.7, July 1961.

NASHI DNI [OUR DAYS]. Frankfurt/Main, nos.2(22)-3(23), 1961.

NOVOE VREMIA [NEW TIMES]. Moscow, vol.10, nos.26(840)-27(841), 29(843)-30(844), June-July 1961.

PARTIINAIA ZHIZN' KAZAKHSTANA [PARTY LIFE OF KAZAKHSTAN]. Issued by TSentral'nyi komitet KP Kazakhstana [Central Committee of the Communist Party of Kazakhstan]. Alma-Ata, no.14, July 1961.

RUSSIA (1917- R.S.F.S.R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]. Moscow, vol.5, nos.24(145)-26(147), June-July 1961.

RUSSIA (1923- U.S.S.R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]. Moscow, vol.24, nos.25(1060)-28(1063), June-July 1961.

RUSSKOE DELO. RUSSIAN CAUSE. Issued by Predstavitel'stvo rossiiskikh emigrantov v Amerike [Russian Immigrants' Representative Association in America]. New York, vol.3, no.6(30), June 1961.

ZHIZN' SLEPYKH [LIFE OF THE BLIND]. Organ of TSentral'noe pravlenie Vserossiiskogo obshchestva slepykh [Central Administration of the All-Russian Society of the Blind]. Moscow, vol. 38, no. 6, June 1961.

2. BIBLIOGRAPHY

a. BIBLIOGRAPHY

BIBLOS; ZHURNAL UKRAINS'KOI BIBLIOGRAFII [JOURNAL OF URKAINIAN BIBLIOGRAPHY]. New York, vol. 7, no. 6(74), June 1961. [In Ukrainian.]

KNIZHNAIA LETOPIS' [BOOK CHRONICLE]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos. 27-30, 1961; Vspomogatel'nye ukazateli [Index], 1961.

LETOPIS' RETSENZII [CHRONICLE OF REVIEWS]. Published by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, no. 2, 1961.

LETOPIS' ZHURNAL'NYKH STATEI [CHRONICLE OF PERIODICAL ARTICLES]. Published by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos. 27-31, 1961; Vspomogatel'nye ukazateli [Index], 1961.

MOSCOW. PUBLICHNAIA BIBLIOTEKA. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I. Lenina. Seriia 1: Fiziko-matematicheskie, khimicheskie i geologo-geograficheskie nauki; tekhnika i tekhnicheskie nauki [PUBLIC LIBRARY. Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 1: Physical-Mathematical, Chemical and Geological-Geographical Sciences, Technology and Technological Sciences]. Nos. 18, 20-21, 1961.

MOSCOW. PUBLICHNAIA BIBLIOTEKA. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I. Lenina. Seriia 2: Biologicheskie, meditsinskie i sel'skokhoziaistvennye nauki [PUBLIC LIBRARY. Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 2 Biological, Medical, and Agricultural Sciences]. Nos. 18, 20, 1961.

MOSCOW. PUBLICHNAIA BIBLIOTEKA. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I. Lenina. Seriia 3: Obshchestvennye nauki, khudozhestvennaia literatura, iskusstvo [PUBLIC LIBRARY. Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 3 Social Sciences, Belles-Lettres, Art]. no. 20, 1961.

NOVAIA LITERATURA O NAUKE I NAUCHNO-ISSLEDOVATEL'SKOI RABOTE ZA RUBEZHOM [NEW LITERATURE ON SCIENCE AND RESEARCH ABROAD]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 3-4, 1961.

NOVAIA LITERATURA PO EVROPEISKIM STRANAM NARODNOI DEMOKRATII I SLAVIANOVEDENIIU: BOLGARIIA [NEW LITERATURE ON EUROPEAN PEOPLE'S DEMOCRACIES AND SLAVIC STUDIES: BULGARIA]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 4-5, 1961.

NOVAIA LITERATURA PO EVROPEISKIM STRANAM NARODNOI DEMOKRATII I SLAVIANOVEDENIIU: CHEKHOSLOVAKIIA [NEW LITERATURE ON EUROPEAN PEOPLE'S DEMOCRACIES AND SLAVIC STUDIES: CZECHOSLOVAKIA]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 4, 1961.

NOVAIA LITERATURA PO EVROPEISKIM STRANAM NARODNOI DEMOKRATII I SLAVIANOVEDENIIU: POL'SHA [NEW LITERATURE ON EUROPEAN PEOPLE'S DEMOCRACIES AND SLAVIC STUDIES: POLAND]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 4, 1961.

NOVAIA LITERATURA PO EVROPEISKIM STRANAM NARODNOI DEMOKRATII: RUMYNIIA [NEW LITERATURE ON EUROPEAN PEOPLE'S DEMOCRACIES: RUMANIA]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 4-5, 1961.

NOVAIA LITERATURA PO EVROPEISKIM STRANAM NARODNOI DEMOKRATII: VENGRIIA [NEW LITERATURE ON EUROPEAN PEOPLE'S DEMOCRACIES: HUNGARY]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 4-5, 1961.

NOVAIA LITERATURA PO IUGOSLAVII [NEW LITERATURE ON YUGOSLAVIA]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 4, 1961.

NOVAIA SOVETSKAIA I INOSTRANNAIA LITERATURA PO STRANAM ZARUBEZHNOGO VOSTOKA [NEW SOVIET AND FOREIGN LITERATURE ON THE COUNTRIES OF THE NON-SOVIET EAST]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 4, 1961.

NOVAIA SOVETSKAIA LITERATURA O NAUKE I NAUCHNO-ISSLEDOVATEL'SKOI RABOTE V SSSR [NEW SOVIET LITERATURE ON SCIENCE AND GENERAL RESEARCH IN THE U.S.S.R.]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 4, 1961.

NOVYE KNIGI [NEW BOOKS]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos. 29-30, July 1961.

NOVYE KNIGI ZA RUBEZHOM PO OBSHCHESTVENNYM NAUKAM; ekonomika, filosofiia, istoriia, mezhdunarodnye otnosheniia [NEW FOREIGN BOOKS ON THE SOCIAL SCIENCES; Economics, Philosophy, History, International Relations]. Issued by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, vol. 4, no. 6, June 1961.

SOVETSKAIA BIBLIOGRAFIIA [SOVIET BIBLIOGRAPHY]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, no. 3(67), 1961.

V MIRE KNIG [IN THE WORLD OF BOOKS]. Organ of Ministerstv kul'tury SSSR i RSFSR [Ministries of Culture of the U.S.S.R. and the R.S.F.S.R.]. Moscow, vol. 1, no. 6, June 1961.

b. LIBRARIES & LIBRARY SCIENCE

BIBLIOTEKAR' [THE LIBRARIAN]. Organ of Ministerstvo kul'tury RSFSR [Ministry of Culture of the R.S.F.S.R.]. Moscow, no. 6, June 1961.

BIBLIOTEKI SSSR [LIBRARIES OF THE U.S.S.R.]. Issued by Gosudarstvennaia biblioteka SSSR imeni V.I. Lenina [Lenin State Library of the U.S.S.R.]. Moscow, no. 16, 1961.

MOSCOW. VSESOIUZNAIA GOSUDARSTVENNAIA BIBLIOTEKA INOSTRANNOI LITERATURY. Opyt raboty bibliotek s inostrannoi literaturoi [ALL-UNION STATE LIBRARY OF FOREIGN LITERATURE. Library Practices in Working With Foreigh Materials]. Moscow, no. 2, 1959.

c. PRINTING & THE BOOK TRADE

PECHAT' SSSR, 1960; statisticheskie materialy [THE PRESS OF THE U.S.S.R., 1960; statistical material]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, 1961. 177 p.

POLIGRAFICHESKOE PROIZVODSTVO [PRINTING INDUSTRY]. Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.]. Moscow, no. 5, May 1961.

SOVETSKAIA KNIZHNAIA TORGOVLIA [SOVIET BOOK TRADE]. Organ of Ministerstvo kul'tury SSSR and TSentral'nyi soiuz potrebitel'skikh obshchestv SSSR [Ministry of Culture of the U.S.S.R. and the Central Union of Consumers Societies of the U.S.S.R.]. Moscow, vol. 12, no. 8, Aug. 1960.

3. PHILOSOPHY & RELIGION

a. PHILOSOPHY

NOVAIA INOSTRANNAIA LITERATURA PO FILOSOFII [NEW FOREIGN LITERATURE ON PHILOSOPHY]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 3-4, 1961.

NOVAIA SOVETSKAIA LITERATURA PO FILOSOFII [NEW SOVIET LITERATURE ON PHILOSOPHY]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 4-5, 1961.

VOPROSY FILOSOFII [PROBLEMS OF PHILOSOPHY] Issued by Institut filosofii Akademii nauk SSSR [Institute of Philosophy of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 15, no. 6, 1961. [With summaries in English.]

VOPROSY PSIKHOLOGII [PROBLEMS OF PSYCHOLOGY]. Issued by Akademiia pedagogicheskikh nauk RSFSR [Academy of Pedagogical Sciences of the R.S.F.S.R.]. Moscow, vol. 7, nos. 2-3, Mar.-June 1961. [With summaries in English.]

b. RELIGION

DUKHOVNOE PROBUZHDENIE [SPIRITUAL AWAKENING]. Helsinki, vol. 40, nos. 5-6, 1961.

OBNOV'IANYN. THE OBNOVAN. Published by Kanadiis'ka federatsiia tovarystv ukrains'kykh studentiv katolykiv "Obnova" [Canadian Federation of Ukrainian Catholic Student Organizations "Obnova"]. Winnipeg, vol. 5, no. 1(5), Dec. 1959.

ROSSIIA I VSELENSKAIA TSERKOV' [RUSSIA AND THE UNIVERSAL CHURCH]. Bruxelles, no. 4(62), July-Aug. 1961.

RUSSKOE STUDENCHESKOE KHRISTIANSKOE DVIZHENIE. Vestnik [RUSSIAN STUDENTS' CHRISTIAN MOVEMENT. Messenger] Paris, no. 60, Jan. 1961.

UKRAINS'KE PRAVOSLAVNE SLOVO. UKRAINIAN ORTHODOX WORD. Organ of the Ukrainian Orthodox Church of the United States of America. South Bound Brook, N.J., vol. 12, nos. 6-7/8, June-July 1961. [In Ukrainian.]

VECHNOE [THE ETERNAL]. Paris, nos. 6(162)-7(163), June-July 1961.

VIRA I KUL'TURA. FAITH AND CULTURE. Organ of Ukrains'ke naukove bohoslovs'ke tovarystvo [Ukrainian Theological Society]. Winnipeg, vol. 24, nos. 6(89), 8(92)-9(93), Apr., June-July 1961. [In Ukrainian.]

VOIOVNYCHYI ATEIST [MILITANT ATHEIST]. Issued by Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR [Society for Dissemination of Political and Scientific Knowledge of the Ukrainian S.S.R.]. Kiev, nos. 2-3, Feb.-Mar. 1961. [In Ukrainian.]

4. HISTORY

a. GENERAL

KIAKHTA. KIAKHTINSKII RESPUBLIKANSKII MUZEI KRAEVEDENIIA. Trudy [KYAKHTA REPUBLIC MUZEUM FOR REGIONAL STUDY. Transactions]. Vol. 17, no. 1, 1959.

MOSCOW. UNIVERSITET. Vestnik. Seriia 9. Istoricheskie nauki [UNIVERSITY. Review. Series 9: Historical Sciences]. Vol. 16, no. 3, May-June 1961.

NOVAIA INOSTRANNAIA LITERATURA PO ISTORII, ARKHEOLOGII I ETNOGRAFII [NEW FOREIGN LITERATURE ON HISTORY, ARCHAEOLOGY, AND ETHNOGRAPHY]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 4-5, 1961.

NOVAIA SOVETSKAIA LITERATURA PO ISTORII, ARKHEOLOGII I ETNOGRAFII [NEW SOVIET LITERATURE ON HISTORY, ARCHAEOLOGY, AND ETHNOGRAPHY]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 3-4, 1961.

OBSHCHESTVO RUSSKIKH VETERANOV VELIKOI VOINY, San Francisco. Vestnik [SOCIETY OF RUSSIAN VETERANS OF THE GREAT WAR. Herald]. San Francisco, no. 220, July 1961.

VOPROSY ISTORII [PROBLEMS OF HISTORY]. Issued by Otdelenie istoricheskikh nauk Akademii nauk SSSR [Department of History of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 6, June 1961. [With summaries in English.]

b. ARCHAEOLOGY & ANTIQUITIES

ARKHEOLOGICHESKII SBORNIK [ARCHAEOLOGICAL PAPERS]. Issued by Buriatskii kompleksnyi nauchno-issledovatel'skii institut [Buryat General Scientific Research Institute]. Ulan-Ude, vol. 1, 1959.

SVOBODA [FREEDOM]. Issued by TSentral'noe ob"edinenie politicheskikh emigrantov iz SSSR [Central Association of Political Refugees from the U.S.S.R.]. Munich, vol.10, nos.6(108)-7(109), June-July 1961.

TÜRKMENISTAN KOMMUNISTI [COMMUNIST OF TURKMENISTAN]. Organ of the Central Committee of the Communist Party of Turkmenistan. Askhabad, vol 36, nos.5-6, 1961. [In Turkmen.]

UKRAINS'KYI SAMOSTIINYK [UKRAINIAN INDEPENDENT]. Munich, vol.12, nos 5(430)-6(440), May-June 1961. [In Ukrainian.]

UZBEKISTON KOMMUNISTI [COMMUNIST OF UZBEKISTAN]. Issued by the Central Committee of the Communist Party of Uzbekistan. Tashkent, vol.33, nos.5-6, May-June 1961. [In Uzbek.]

V ZASHCHITU MIRA [IN DEFENSE OF PEACE]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, no.12(115), Dec. 1960.

VIL'NA UKRAINA [FREE UKRAINE]. Issued by Ukrains'ka vil'na hromada v Amerytsi [Ukrainian Free Society of America]. Detroit, vol.8, no. 30, 1961. [In Ukrainian.]

VISNYK, THE HERALD. Organ of Organizatsiia oborony chotyr'okh svobid Ukrainy [Organization for Defense of the Four Freedoms for the Ukraine, Inc.]. New York, vol.15, no.5(151), May 1961. [In Ukrainian.]

VOPROSY ISTORII KPSS [PROBLEMS OF THE HISTORY OF THE COMMUNIST PARTY OF THE SOVIET UNION]. Issued by Institut marksizma-leninizma pri TsK KPSS [Institute of Marxism-Leninism, Attached to the Central Committee of the Communist Party of the Soviet Union]. Moscow, vol.5, nos.3-4, 1961.

ZNAMIA ROSSII; Organ of Russkoi nezavisimoi monarkhicheskoi mysli [THE BANNER OF RUSSIA; Organ of Russian Independent Monarchistic Thought]. New York, no.212, Aug. 1961.

7. LAW

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi arbitrazh. Sbornik instruktivnykh ukazanii [State Arbitration Commission. Collection of Rules]. Moscow, no.11, 1960, no.15, 1961.

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po voprosam truda i zarabotnoi platy. Biulleten' [State Committee on Problems of Labor and Wages. Bulletin] Moscow, no.1, 1961.

RUS[illegible] Moscow, vol.4, no.1, 1960.

SOVETSKAIA IUSTITSIIA [SOVIET JUSTICE]. Issued by Ministerstvo iustitsii and Verkhovnyi Sud RSFSR [Ministry of Justice and the Supreme Court of the R.S.F.S.R.]. Moscow, no.12, June 1961.

SOVETSKOE GOSUDARSTVO I PRAVO [SOVIET STATE AND LAW]. Organ of Institut gosudarstva i prava Akademii nauk SSSR [Institute of State and Law of the Academy of Sciences of the U.S.S.R.]. Moscow, vol.31, nos.6-7, June-July 1961.

SVERDLOVSK. IURIDICHESKII INSTITUT. Uchenye trudy. Seriia "Kolkhoznoe i zemel'noe pravo" [JURIDICAL INSTITUTE. Studies. Series on Collective-Farm and Land Law]. Vol.1. 1960. Contents: Isupov, D.N. [Legal rules governing the cultivation and utilization of Soviet forests] Pravovoi rezhim lesov SSSR. 314 p.

8. EDUCATION

a. GENERAL

AZƏRBAICHAN MƏKTƏBI [AZERBAIJANI SCHOOLS]. Organ of the Ministry of Education of the Azerbaijan S.S.R. Baku, nos.3(162),5(164), Mar., May 1961. [In Azerbaijani.]

GULKHAN. Issued by TsK LKSM and Ministerstvo prosveshchenia Uzbekistana [Central Committee of the All-Union Communist Youth League of Lenin and the Ministry of Education of Uzbekistan]. Tashkent, no.6(114), June 1961. [In Uzbek.]

KAZAKSTAN MEKTEBI [KAZAKHSTAN SCHOOLS]. Organ of the Ministry of Education of the Kazakh S.S.R. Vol.36, nos 5-6, June-July, 1961. [In Kazakh.]

MAKTABI SOVETI [SOVIET SCHOOL] Issued by Ministerstvo prosveshchenia Tadzhikskoi SSR [Ministry of Education of the Tajik S.S.R.]. Stalinabad, vol 36, nos.1(357)-6(362), Jan.-June 1961. [In Tajik.]

NARODNOE OBRAZOVANIE [PUBLIC EDUCATION] Issued by Ministerstvo prosveshchenia RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, nos.6-7, June-July 1961.

SOVETAKAN MANKAVARZH. SOVETSKII PEDAGOG. [SOVIET TEACHER]. Issued by Ministerstvo prosveshchenia Armianskoi SSR [Ministry of Education of the Armenian S.S.R.]. Erivan, no.6, 1960; no.6, 1961. [In Armenian.]

VESTNIK VYSSHEI SHKOLY [REVIEW OF SCHOOLS FOR HIGHER EDUCATION]. Organ of Ministerstvo vysshego i srednego spetsial'nogo obrazovania SSSR [Ministry of Higher and Secondary Specialized Education of the U.S.S.R.]. Moscow, vol.19, no.6, June 1961.

ZHYTTIA I SHKOLA [LIFE AND SCHOOL] New Haven, vol.7, no.3(52-53), May-June 1961. [In Ukrainian.]

b. PHYSICAL EDUCATION & GAMES

FIZICHESKAIA KUL'TURA V SHKOLE [PHYSICAL EDUCATION IN SCHOOLS]. Issued by Ministerstvo prosveshchenia RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, nos.6-7, June-July 1961.

FIZKUL'TURA I SPORT [PHYSICAL EDUCATION AND SPORTS]. Organ of TSentral'nyi Sovet Soiuza sportivnykh obshchestv i organizatsii SSSR [Central Council of the Union of Sports Associations and Organizations of the U.S.S.R.]. Moscow, vol.31, no.7(632), July 1961.

LEGKAIA ATLETIKA [TRACK AND FIELD ATHLETICS]. Organ of TSentral'nyi sovet Soiuza sportivnykh obshchestv i organizatsii SSSR [Central Council of the Association of Sports Societies and Organizations of the U.S.S.R.]. Moscow, vol.7, no.6(73), June 1961.

PROBLEMY PSIKHOLOGII SPORTA. Sbornik rabot institutov fizicheskoi kul'tury [PSYCHOLOGICAL PROBLEMS IN SPORTS. Collected Papers of Physical Culture Institutes]. Moscow, no 1, 1960.

SHAKHMATNYI BIULLETEN' [CHESS BULLETIN]. Organ of Shakhmatnaia federatsiia SSSR [Chess Federation of the U.S.S.R.]. Moscow, vol.7, nos.6-7, June-July 1961.

SHAKHMATY V SSSR [CHESS IN THE U.S.S.R.]. Organ of Shakhmatnaia federatsiia SSSR [Chess Federation of the U.S.S.R.]. Moscow, vol.38, no.7, July 1961.

SPORTIVNYE IGRY [ATHLETIC GAMES]. Organ of TSentral'nogo soveta Soiuza sportivnykh obshchestv i organizatsii SSSR [Central Council of the Association of Sports Societies and Organizations of the U.S.S.R.]. Moscow, vol.7, no.6(73), June 1961.

TEORIIA I PRAKTIKA FIZICHESKOI KUL'TURY [THEORY AND PRACTICE OF PHYSICAL CULTURE]. Organ of TSentral'nyi sovet Soiuza sportivnykh obshchestv i organizatsii SSSR [Central Council of the Association of Sports Societies and Organizations of the U.S.S.R.]. Moscow, vol.23, nos.5,9-10,12, 1960; vol.24, no.6, 1961.

9. MUSIC, THEATER & MOTION PICTURES

a. MOTION PICTURES

KINOMEKHANIK [MOTION-PICTURE OPERATOR]. Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.]. Moscow, no.6, June 1961.

SOVETSKII EKRAN [THE SOVIET SCREEN]. Published by Izdatel'stvo [Publishing House] "Iskusstvo," Moscow, nos.11(107)-14(110), June-July 1961.

b. MUSIC

LETOPIS' MUZYKAL'NOI LITERATURY [CHRONICLE OF MUSICAL LITERATURE]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber], Moscow, no.2, 1961.

MUZYKAL'NAIA ZHIZN' [MUSICAL LIFE]. Organ of Soiuz kompozitorov SSSR and Ministerstvo kul'tury SSSR [Association of Composers of the U.S.S.R. and the Ministry of Culture of the U.S.S.R.]. Moscow, vol.4, nos.12-14, June-July 1961.

c. THEATER

KHUDOZHESTVENNAIA SAMODEIATEL'NOST' [AMATEUR ART ACTIVITIES]. Issued by Vsesoiuznyi TSentral'nyi Sovet Professional'nykh Soiuzov [All-Union Central Council of Trade Unions]. Moscow, vol.4, nos.6-7, June-July 1961.

SOVETSKII TSIRK [THE SOVIET CIRCUS]. Issued by Orgkom Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.]. Moscow, vol.5, no.6(45), June 1961.

TEATR [THEATER]. Organ of Ministerstvo kul'tury SSSR and Soiuz pisatelei SSSR [Ministry of Culture of the U.S.S.R. and Association of Writers of the U.S.S.R.]. Moscow, vol.22, no.6, June 1961.

TEATRAL'NAIA MOSKVA [THEATRICAL MOSCOW]. Issued by Upravlenie kul'tury Ispolkoma Moskovskogo [Administration for Culture of the Executive Committee of the Moscow Soviet]. Moscow, no.20/a, May 1961.

TEATRAL'NAIA ZHIZN' [LIFE OF THE THEATER]. Organ of Ministerstvo kul'tury RSFSR, Vsesoiuznoe teatral'noe obshchestvo, and Soiuz pisatelei RSFSR [Ministry of Culture of the R.S.F.S.R., All-Russian Theater Society, and the Association of Writers of the R.S.F.S.R.]. Moscow, nos.13-14, July 1961.

10. FINE ARTS

a. GENERAL

DEKORATIVNOE ISKUSSTVO SSSR [DECORATIVE ART OF THE U.S.S.R.]. Issued by Soiuz khudozhnikov SSSR [Association of Artists of the U.S.S.R.]. Moscow, no.7(44), July 1961.

KHUDOZHNIK [ARTIST]. Issued by Soiuz khudozhnikov RSFSR [Association of Artists of the R.S.F.S.R.]. Moscow, nos.6-7, 1961.

LETOPIS' IZOBRAZITEL'NOGO ISKUSSTVA [CHRONICLE OF FINE ARTS]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, no.2, 1961.

SOVETAKAN ARVEST [SOVIET ART]. Issued by Ministerstvo kul'tury Armianskoi SSR [Ministry of Culture of the Armenian S.S.R.]. Erivan, nos.5-6, 1961. [In Armenian.]

TVORCHESTVO [CREATIVE WORK]. Issued by Soiuz khudozhnikov SSSR [Association of Artists of the U.S.S.R.]. Moscow, no.6(54), 1961.

b. ARCHITECTURE

ARKHITEKTURA SSSR [ARCHITECTURE OF THE U.S.S.R.]. Organ of Akademiia stroitel'stva i arkhitektury SSSR and Soiuz arkhitektorov SSSR [Academy of Construction and Architecture of the U.S.S.R. and of the Association of Architects of the U.S.S.R.]. Moscow, nos.3,5, 1961.

STROITEL'STVO I ARKHITEKTURA [CONSTRUCTION AND ARCHITECTURE]. Organ of Ministerstvo budivnytstva URSR and Spilka arkhitektoriv Ukrainy [Ministry of Construction of the Ukrainian S.S.R. and of the Association of Architects of the Ukraine]. Kiev, vol.9, nos.4(76)-5(77), Apr.-May 1961.

STROITEL'STVO I ARKHITEKTURA LENINGRADA [CONSTRUCTION AND ARCHITECTURE IN LENINGRAD]. Organ of Ispolnitel'nyi komitet Leningradskogo gorodskogo soveta deputatov trudiashchikhsia [Executive Committee of the Leningrad City Soviet of Workers' Deputies and others]. Leningrad, vol.23, nos.4-6, Apr.-June 1961.

STROITEL'STVO I ARKHITEKTURA MOSKVY [CONSTRUCTION AND ARCHITECTURE IN MOSCOW]. Published by Ispolkom Moskovskogo gorodskogo Soveta deputatov trudiashchikhsia [Executive Committee of the Moscow City Soviet of Workers' Deputies]. Moscow, vol.10, no.4, Apr. 1961.

11. LANGUAGE, LITERATURE & FOLKLORE

a LANGUAGE

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Izvestiia. Seriia filologii i iskusstvovedeniia [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Bulletin. Series on Philology and Art]. Alma-Ata, no.3(13), 1960. [In Russian or Kazakh with summaries in the other language.]

IRKUTSK. GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT INOSTRANNYKH IAZYKOV. Uchenye zapiski [STATE PEDAGOGICAL INSTITUTE OF FOREIGN LANGUAGES. Studies]. No.3, 1959.

NOVAIA INOSTRANNAIA LITERATURA PO IAZYKOZNANIIU [NEW FOREIGN LITERATURE IN LINGUISTICS]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos.4-5, 1961.

RUSSKII IAZYK V NATSIONAL'NOI SHKOLE [THE RUSSIAN LANGUAGE IN NON-RUSSIAN SCHOOLS]. Moscow, no.3, 1961.

b LITERATURE & FOLKLORE

AKADEMIIA NAUK SSSR. Institut russkoi literatury. Rukopisnyi otdel. Biulleteni [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Russian Literature. Manuscript Division. Bulletins]. Moscow, no.9, 1961.

ALA-TOO; literaturno-khudozhestvennyi i obshchestvenno-politicheskii zhurnal [ALA-TAU, Literary and Sociopolitical Magazine]. Organ of Soiuz pisatelei Kirgizii and Ministerstvo kul'tury Kirgizskoi SSR [Association of Writers of Kirghizia and the Ministry of Culture of the Kirghiz S.S.R.]. Frunze, vol.30, no.6, June 1961. [In Kirghiz.]

ANGARA; literaturno-khudozhestvennyi i obshchestvenno-politicheskii al'manakh [ANGARA; Literary and Sociopolitical Almanac]. Organ of Irkutskoe otdelenie Soiuza pisatelei RSFSR [Irkutsk Branch of the Association of Writers of the R.S.F.S.R.]. Irkutsk, no.3(48), July-Sep., 1960.

ASHKHABAD; literaturno-khudozhestvennyi i obshchestvenno-politicheskii zhurnal [ASHKHABAD; Literary and Sociopolitical Journal]. Organ of Soiuz pisatelei Turkmenistana [Association of Writers of Turkmenistan]. Ashkhabad, vol.2, nos.2-3, 1961.

AZĔRBAĬCHAN [AZERBAIJAN]. Organ of Soiuz pisatelei Azerbaidzhana [Association of Writers of Azerbaijan]. Baku, no.6, June 1961. [In Azerbaijani.]

DAL'NII VOSTOK [FAR EAST]. Organ of Khabarovskoe otdelenie Soiuza pisatelei RSFSR [Khabarovsk Branch of the Association of Writers of the R.S.F.S.R.]. Khabarovsk, vol.29, no.3, May-June 1961.

DILA [MORNING]. Issued by TSentral'nyi komitet leninskogo kommunisticheskogo soiuza molodezhi Gruzii and Respublikanskii sovet organizatsii iunykh pionerov im. V.I. Lenina [Central Committee of the Lenin Communist Youth League of Georgia and the Republican Council of Lenin Pioneers]. Tiflis, no.4, Apr. 1961. [In Georgian.]

DNESTR [DNIESTER]. Organ of Soiuz pisatelei Moldavskoi SSR [Association of Writers of the Moldavian S.S.R.]. Kishinev, vol.14, no.6, 1961.

DNIPRO [DNIEPER]. Organ of TSentral'nyi komitet Lenins'koho komunistychnoho soiuzu molodi Ukrainy [Central Committee of the All-Union Communist Youth League of the Ukraine]. Kiev, vol.35, no.7, July 1961. [In Ukrainian.]

DON. Issued by Rostovskoe oblastnoe otdelenie Soiuza pisatelei RSFSR [Rostov Province Branch of the Association of Writers of the R.S.F.S.R.]. Rostov-na-Donu, vol.5, no.7, July 1961.

DRUZHBA NARODOV [FRIENDSHIP OF PEOPLES]. Organ of Soiuz pisatelei SSSR [Association of Writers of the U.S.S.R.]. Moscow, no.7, July 1961.

GRANI [FRONTIERS]. Published by "Posev." Frankfurt/Main, vol.15, no.47, July-Sep. 1960.

IUNOST' [YOUTH]. Issued by Soiuz pisatelei SSSR [Association of Writers of the U.S.S.R.]. Moscow, vol.7, no.7, July 1961.

KIEV. UNIVERSYTET. Filologichnyi fakul'tet. Doslidzhennia z literaturoznavstva ta movoznavstva [UNIVERSITY. Philological Faculty Studies in Literature and Language]. No.1, 1960. [In Ukrainian.]

KUBAN'; literaturno-khudozhestvennyi al'manakh [KUBAN; Literary Almanac]. Issued by Krasnodarskoe kraevoe otdelenie Soiuza pisatelei RSFSR [Krasnodar Territory Branch of the Association of Writers of the R.S.F.S.R.]. Krasnodar, no.3(26), 1960.

LITERATURNAIA ARMENIIA [LITERARY ARMENIA]. Organ of Soiuz pisatelei Armenii [Association of Writers of Armenia]. Erivan, no.6, June 1961.

LITERATURNAIA GRUZIIA [LITERARY GEORGIA]. Organ of Soiuz pisatelei Gruzii [Association of Writers of Georgia]. Tiflis, vol.5, no.6, June 1961.

LITERATURNYI AZERBAIDZHAN [LITERARY AZERBAIJAN]. Organ of Soiuz pisatelei Azerbaidzhana [Association of Writers of Azerbaijan.]. Baku, nos.6-7, June-July 1961.

LITERATURNYI KIRGIZSTAN [LITERARY KIRGHIZISTAN]. Organ of Soiuz pisatelei Kirgizii [Association of Writers of Kirghizia]. Frunze, vol.7, no.3(39), May-June 1961.

MOKSHA; literaturno-khudozhestvennai i obshchestvenno-politicheskiai zhurnal [MOKSHA; Literary and Sociopolitical Almanac]. Saransk, no.3, May-June 1961. [In Mordvinian.]

MOLODAIA GVARDIIA, literaturno-khudozhestvennyi i obshchestvenno-politicheskii zhurnal [YOUNG GUARD, Literary and Sociopolitical Magazine]. Issued by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, no.6, June 1961.

MOSCOW. UNIVERSITET. Vestnik. Seriia 7: Filologiia, zhurnalistika [UNIVERSITY. Review. Series 7 Philology, Journalism]. Vol.16, no.3, May-June 1961.

MOSKVA [MOSCOW]. Organ of Soiuz pisatelei RSFSR and Moskovskoe otdelenie Soiuza pisatelei [Association of Writers of the R.S.F.S.R. and the Moscow Branch of the Association of Writers]. Moscow, vol.5, no.5, 1961.

NA RUBEZHE [AT THE FRONTIER]. Issued by Soiuz pisatelei Karel'skoi ASSR [Association of Writers of the Karelian A.S.S.R.]. Petrozavodsk, vol.22, no.3, May-June 1961.

NISTRUL [DNIESTER RIVER]. Organ of the Association of Soviet Writers of the Moldavian S.S.R. Kishinev, vol.30, no.6, June 1961. [In Moldavian.]

NOVAIA INOSTRANNAIA LITERATURA PO LITERATUROVEDENIIU [NEW FOREIGN LITERATURE ON THE STUDY OF LITERATURE]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos.4-5, 1961.

NOVAIA SOVETSKAIA LITERATURA PO LITERATUROVEDENIIU [NEW SOVIET LITERATURE ON THE STUDY OF LITERATURE]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no.4, 1961.

NOVYI MIR [THE NEW WORLD]. Organ of Soiuz pisatelei SSSR [Association of Writers of the U.S.S.R.]. Moscow, vol.37, nos.6-7, June-July 1961.

POD'EM [UPSWING]. Issued by Voronezhskoe otdelenie Soiuza pisatelei RSFSR [Voronezh Branch of the Association of Writers of the R.S.F.S.R.]. Voronezh, no.3, May-June 1961.

POLYMIA [FLAME]. Organ of Saiuz pis'mennikau BSSR [Association of Writers of the White Russian S.S.R.]. Minsk, vol.39, no.6, June 1961. [In White Russian.]

PRAPOR; literaturno-khudozhnii ta hromads'ko-politychnyi zhurnal [BANNER; Literary and Sociopolitical Magazine]. Issued by Spilka pys'mennykiv Ukrainy [Association of Writers of the Ukraine]. Kharkov, no.6, June 1961. [In Ukrainian.]

PROSTOR [WIDE-OPEN SPACES]. Organ of Soiuz pisatelei Kazakhstana [Association of Writers of Kazakhstan]. Alma-Ata, vol.27, no.6, June 1961.

PUNALIPPU [THE RED BANNER]. Issued by the Association of Soviet Writers of the Karelo-Finnish S.S.R. Petrozavodsk, vol.18, nos.1-3, 1961. [In Finnish.]

SHARK IULDUZI [STAR OF THE EAST]. Organ of the Association of Soviet Writers of Uzbekistan. Tashkent, vol.29, no.5, May 1961 [In Uzbek.]

SHARKI SURKH [THE RED EAST]. Organ of the Association of Writers of Tajikistan. Stalinabad, nos.4-6, Apr.-June 1961. [In Tajik.]

SIBIRSKIE OGNI [SIBERIAN LIGHTS]. Organ of Novosibirskoe otdelenie Soiuza pisatelei RSFSR [Novosibirsk Branch of the Association of Writers of the R.S.F.S.R.]. Novosibirsk, vol.40, no.6, June 1961.

SOGLASIE [CONCORD]. Los Angeles, Calif., vol.10, no.119, Aug. 1961.

SOVET EDEBIIATY [SOVIET LITERATURE]. Organ of Soiuz pisatelei Tatarii [Association of Writers of Tatariia]. Kazan, vol.30, nos.5-6, May-June 1961. [In Tatar.]

SOVET ĔDEBIIATY [SOVIET LITERATURE]. Organ of Soiuz sovetskikh pisatelei TSSR [Association of Writers of the Turkmen S.S.R.] Ashkhabad, nos 6-7, June-July 1961 [In Turkmen.]

SOVETAKAN GRAKANUTIUN [SOVIET LITERATURE]. Organ of the Association of Soviet Writers of Armenia. Erivan, nos.5-6, 1961. [In Armenian.]

SOVETSKAIA PECHAT' [SOVIET PRESS]. Moscow, no.7, July 1961.

SOVETSKAIA UKRAINA [SOVIET UKRAINE]. Organ of Soiuz sovetskikh pisatelei Ukrainy [Union of Soviet Writers of the Ukraine]. Kiev, vol.10, no.2, Feb. 1960, vol.11, no.6, June 1961.

SUCHASNIST'; literatura, mystetstvo, suspil'ne zhyttia [OUR TIME; Literature, Art, and Social Problems]. Munich, nos.6-8, June-Aug. 1961. [In Ukrainian.]

SURAN' TOLT, literaturno-khudozhestvennoi dy obshchestvenno-politicheskoi zhurnal [SURA LIGHTS; Literary and Sociopolitical Magazine]. Issued by Mordovskoi ASSR-n' pisatelen' soiuzos' [Association of Writers of the Mordovian A.S.S.R.]. Saransk, no.3, May-June 1961. [In Mordovian.]

TĂVAN ATĂL [NATIVE VOLGA]. Issued by the Association of Soviet Writers of Chuvashia. Cheboksary, no.3(90), May-June 1961. [In Chuvash.]

URAL. Issued by Sverdlovskoe otdelenie Soiuza pisatelei RSFSR [Sverdlovsk Branch of the Association of Writers of the R.S.F.S.R.]. Sverdlovsk, nos.6-7, 1961.

VITCHYZNA [OUR COUNTRY]. Organ of Spilka pys'mennykiv Ukrainy [Association of Writers of the Ukraine]. Kiev, vol.29, no.7, July 1961. [In Ukrainian.]

VOPROSY LITERATURY [PROBLEMS OF LITERATURE]. Issued by Soiuz pisatelei SSSR and Institut mirovoi literatury Akademii nauk SSSR [Association of Writers of the U.S.S.R. and the Institute of World Literature of the Academy of Sciences of the U.S.S.R.]. Moscow, nos.11-12, Nov.-Dec 1959; vol.6, no.6, June 1961.

ZHOVTEN' [OCTOBER]. Organ of Spilka pys'mennykiv Ukrainy [Association of Writers of the Ukraine]. Lvov, vol.11, nos.6-7, June-July 1961. [In Ukrainian.]

ZHŬLDYZ [STAR]. Issued by Soiuz sovetskikh pisatelei Kazakhstana [Association of Soviet Writers of Kazakhstan]. Alma-Ata, no.6, June 1961. [In Kazakh.]

ZNAMIA [THE BANNER]. Organ of Soiuz pisatelei SSSR [Association of Writers of the U.S.S.R.]. Moscow, vol.31, no.6, June 1961.

ZVEZDA VOSTOKA [STAR OF THE EAST]. Organ of Soiuz pisatelei Uzbekistana [Association of Writers of Uzbekistan]. Tashkent, vol.29, no.5, May 1961.

12. GEOGRAPHY & GEOLOGY

b. GEOGRAPHY

AKADEMIIA NAUK SSSR. Institut okeanologii. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Oceanography. Transactions]. Moscow, vol.43, 1961; vol.40, 1961; vol.51, 1961; vol.52, 1961.

AKADEMIIA NAUK SSSR. Laboratoriia ozerovedeniia. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Laboratory of Limnology. Transactions]. Moscow, vol.10, 1960.

AKADEMIIA NAUK SSSR. Morskoi gidrofizicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Marine Hydrophysical Institute. Transactions]. Moscow, vol. 24, 1961.

AKADEMIIA NAUK SSSR. Okeanograficheskaia komissiia. Biulleten' [ACADEMY OF SCIENCES OF THE U.S.S.R. Oceanographic Commission. Bulletin]. Moscow, no.7, 1961.
Contents: [Report on the First International Oceanographic Congress] Otchet o 1 Mezhdunarodnom okeanograficheskom kongresse. 68 p.

AKADEMIIA NAUK SSSR. Okeanograficheskaia komissiia. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Oceanographic Commission. Transactions]. Moscow, vol. 10, no. 1, 1960.

INOSTRANNAIA LITERATURA OB ANTARKTIKE [FOREIGN LITERATURE ON ANTARCTICA]. Issued by Moskovskaia operativnaia gruppa Kompleksnoi antarkticheskoi ekspeditsii [Moscow Operational Group of the General Antarctic Expedition]. Mosrow, no.8, 1958.

LENINGRAD. ARKTICHESKII I ANTARKTICHESKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT. Trudy [ARCTIC AND ANTARCTIC SCIENTIFIC RESEARCH INSTITUTE. Transactions]. Vol. 213, 1961. Gidrologiia rek Sovetskoi Arktiki [Hydrology of the Rivers of the Soviet Arctic], no.4.

REFERATIVNYI ZHURNAL: GEOGRAFIIA [JOURNAL OF ABSTRACTS: GEOGRAPHY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 6, June 1961

VOKRUG SVETA [AROUND THE WORLD]. Issued by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, nos. 6-7 June-July 1961.

VOPROSY GEOGRAFII [PROBLEMS OF GEOGRAPHY]. Published by Moskovskii filial Geograficheskogo obshchestva SSSR [Moscow Chapter of the Geographic Society of the U.S.S.R.]. Moscow, nos 51-52, 1961.

c. GEOLOGY & PALEONTOLOGY

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. Geologicheskii institut. Trudy. Mineralogo-petrograficheskaia serlia [ACADEMY OF SCIENCES OF THE GEORGIAN S.S.R. Geological Institute. Transactions Mineralogical and Petrographical Series]. Tiflis, vol. 5, 1961. [In Russian or Georgian with summaries in the other language.]

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Izvestiia. Seriia geologicheskaia [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Bulletin. Geological Series]. Alma-Ata, no. 1(42), 1961.

AKADEMIIA NAUK SSSR. Izvestiia. Seriia geologicheskaia [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Geological Series]. Moscow, vol. 26, no. 6, June 1961.

AKADEMIIA NAUK SSSR. Geologicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Geological Institute. Transactions]. Moscow, no. 18, 1961. Ordovik Kazakhstana [Ordovician in Kazakhstan], no.4.

AKADEMIIA NAUK SSSR. Geologicheskii muzei. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Geological Museum. Transactions]. Moscow, no. 6, 1961.
Contents: Kadenskii, A.A. [Geology and petrology of the southern part of the Anabar shield] Geologiia i petrologiia iuzhnoi chasti Anabarskogo shchita. 198 p.

AKADEMIIA NAUK SSSR. Laboratoriia gidrogeologicheskikh problem. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Laboratory for Hydrogeological Problems. Transactions]. Moscow, vol. 29, 1961.
Contents: Gor'kova, I.M., and others. [Nature of stability and deformation characteristics of clay rocks in connection with conditions determining their formation and wetting] Priroda prochnosti i deformatsionnye osobennosti glinistykh porod v zavisimosti ot uslovii formirovaniia i uvlazhneniia. 152 p.
Vol. 34, 1961.
Contents: Makarenko, F.A. [Characteristics of subsurface flow in the basin of the Don River; regime, balance, hydrochemistry, and geological activity] Kharakteristika gruntovogo stoka basseina Dona; rezhim, balans, gidrokhimiia i geologicheskaia deiatel'nost'. 73 p.

AKADEMIIA NAUK SSSR. Ural'skii filial, Sverdlovsk. Gorno-geologicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Ural Branch. Mining-Geological Institute. Transactions]. Sverdlovsk, no. 54, 1960.

BAKU. AZERBAIDZHANSKII GOSUDARSTVENNYI UNIVERSITET. Uchenye zapiski. Geologo-geograficheskaia serlia [AZERBAIJAN STATE UNIVERSITY. Studies. Geological and Geographical Series]. Nos. 2, 5, 1959; no. 3, 1960.

*GEOKHIMIIA [GEOCHEMISTRY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, nos. 6-7, 1961. [With summaries in English.]

GEOLOGIIA I GEOFIZIKA [GEOLOGY AND GEOPHYSICS]. Issued by Sibirskoe otdelenie Akademii nauk SSSR [Siberian Branch of the Academy of Sciences of the U.S.S.R.]. Novosibirsk, no. 5, 1961

GEOLOGIIA MESTOROZHDENII REDKIKH ELEMENTOV [GEOLOGY OF RARE-ELEMENT DEPOSITS]. Issued by Vsesoiuznyi nauchno-issledovatel'skii institut mineral'nogo syr'ia [All-Union Scientific Research Institute of Mineral Resources]. Moscow, no. 10, 1960.
Contents: Ginzburg, A.I., and others. [Titanates, tantalates, and niobates] Titano-tantalo-niobaty. Part. 1, 166 p.

LENINGRAD. NAUCHNO-ISSLEDOVATEL'SKII INSTITUT GEOLOGII ARKTIKI. Informatsionnyi biulleten' [SCIENTIFIC RESEARCH INSTITUTE OF ARCTIC GEOLOGY. Information Bulletin]. No. 18, 1960.

LENINGRAD. VSESOIUZNYI GEOLOGICHESKII INSTITUT. Materialy: Obshchaia serlia [ALL-UNION GEOLOGICAL INSTITUTE. Materials General Series]. No. 28, 1960.

LENINGRAD. VSESOIUZNYI NEFTIANOI NAUCHNO-ISSLEDOVATEL'SKII GEOLOGORAZVEDOCHNYI INSTITUT. Trudy [ALL-UNION PETROLEUM (SCIENTIFIC RESEARCH) GEOLOGICAL PROSPECTING INSTITUTE. Transactions]. No. 163, 1960, Geologicheskii sbornik [Geological papers], no. 5.

MOSCOW. UNIVERSITET. Vestnik. Seriia 4: Geologiia [UNIVERSITY. Review. Series 4: Geology]. Vol. 16, no. 3, May-June 1961.

MOSKOVSKOE OBSHCHESTVO ISPYTATELEI PRIRODY. Biulleten' [MOSCOW NATURALISTS' SOCIETY. Bulletin]. New series, vol. 64-Otdel geologicheskii [Geological Section]. Moscow, vol. 34, no. 5, Sep.-Oct. 1959.

PALEONTOLOGICHESKII ZHURNAL [PALEONTOLOGICAL JOURNAL]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, no. 2, 1961.

REFERATIVNYI ZHURNAL: GEOLOGIIA [JOURNAL OF ABSTRACTS: GEOLOGY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 7, July 1961.

SOVETSKAIA GEOLOGIIA [SOVIET GEOLOGY]. Issued by Ministerstvo geologii i okhrany nedr SSSR [Ministry of Geology and the Conservation of Mineral Resources of the U.S.S.R.]. Moscow, vol. 4, nos. 5-6, May-June 1961. [With summaries in English.]

VOPROSY GEOLOGII VOSTOCHNOI OKRAINY RUSSKOI PLATFORMY I IUZHNOGO URALA [PROBLEMS OF THE GEOLOGY OF THE SOUTHERN URALS AND THE EASTERN BORDER OF THE RUSSIAN PLATFORM]. Issued by Gorno-geologicheskii institut Bashkirskogo filiala Akademii nauk SSSR [Mining and Geological Institute of the Bashkir Branch of the Academy of Sciences of the U.S.S.R.]. Ufa, no. 4, 1959.

13. SCIENCE

a. GENERAL

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Doklady [ACADEMY OF SCIENCES OF THE AZERBAIJAN S.S.R. Reports]. Baku, vol. 17, nos. 4-5, 1961.

*AKADEMIIA NAUK SSSR. Doklady [ACADEMY OF SCIENCES OF THE U.S.S.R. Reports]. Moscow, vol. 138, nos. 5-6, June-July 1961.

AKADEMIIA NAUK URSR, Kiev. Dopovidi [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Reports]. Kiev, nos. 4-6, 1961. [In Ukrainian with summaries in Russian and English.]

FAN VA TURMUSH [SCIENCE AND LIFE]. Issued by Akademiia nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S.S.R.]. Tashkent, no. 6, June 1961. [In Uzbek.]

NAUKA I ZHIZN' [SCIENCE AND LIFE]. Published by Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii [All-Union Society for Dissemination of Political and Scientific Knowledge]. Moscow, vol. 28, no 5, May 1961

NOVYE KNIGI ZA RUBEZHOM. Seriia A: Matematika, mekhanika, astronomiia, fizika, geofizika, khimiia, geologiia [NEW FOREIGN BOOKS. Series A: Mathematics, Mechanics, Astronomy, Physics, Geophysics, Chemistry, Geology]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, vol. 14, nos. 6-7, June-July 1961.

PRIRODA [NATURE]. Published by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 50, no. 7, July 1961.

b. ASTRONOMY

AKADEMIIA NAUK SSSR. Komissiia po kometam i meteoram. Biulleten' [ACADEMY OF SCIENCES OF THE U.S.S.R. Committee on Comets and Meteors. Bulletin]. Stalinabad, no. 5, 1961.

*ASTRONOMICHESKII ZHURNAL [ASTRONOMICAL JOURNAL]. Published by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 38, no. 3, May-June 1961.

*GEODEZIIA I KARTOGRAFIIA [GEODESY AND CARTOGRAPHY]. Issued by Glavnoe upravlenie geodezii i kartografii Ministerstva geologii i okhrany nedr SSSR [Main Administration of Geodesy and Cartography of the Ministry of the Geology and Protection of Mineral Resources of the U.S.S.R.]. Moscow, nos. 5-6, May-June 1961.

POLTAVA. GRAVIMETRYCHNA OBSERVATORIIA. Trudy [OBSERVATORY FOR GRAVITY MEASUREMENT. Transactions]. Kiev, vol. 9, 1961.

REFERATIVNYI ZHURNAL: ASTRONOMIIA I GEODEZIIA [JOURNAL OF ABSTRACTS: ASTRONOMY AND GEODESY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 6, June 1961.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; geodeziia i aerofotos"emka [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Geodesy and Aerial Photography]. Moscow, nos. 1-2, 1961.

VSESOIUZNOE ASTRONOMO-GEODEZICHESKOE OBSHCHESTVO. Biulleten' [ALL-UNION ASTRONOMICAL-GEODETIC SOCIETY. Bulletin]. Moscow, no. 28(35), 1960.

c. BIOLOGY

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Izvestiia. Seriia biologicheskikh i meditsinskikh nauk ACADEMY OF SCIENCES OF THE AZERBAIJAN S.S.R. Bulletin. Series in the Biological and Medical Sciences]. Baku, nos. 1-2, 1961. [In Russian or Azerbaijani with summaries in the other language.]

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Institut zoologii. Trudy [ACADEMY OF SCIENCES OF THE AZERBAIJAN S.S.R. Institute of Zoology Transactions]. Baku, vol. 17, 1954.

AKADEMIIA NAUK KIRGIZSKOI SSR, Frunze. Izvestiia. Seriia biologicheskikh nauk [ACADEMY OF SCIENCES OF THE KIRGHIZ S.S.R. Bulletin. Series in Biological Sciences]. Frunze, vol. 2, nos. 5-7, 1960.

AKADEMIIA NAUK SSSR. Institut biokhimii. Biokhimiia plodov i ovoshchei [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Biochemistry. Biochemistry of Fruit and Vegetables]. Moscow, no. 6, 1961.

AKADEMIIA NAUK SSSR. Institut morfologii zhivotnykh. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Animal Morphology. Transactions]. Moscow, nos. 33, 35, 1961.

[illegible]

MATHEMATICS

[illegible]

PHYSICS

[illegible]

MOSCOW. TSENTRAL'NYI INSTITUT PROGNOZOV. Trudy [CENTRAL WEATHER INSTITUTE. Transactions]. No. 110, 1961.

MOSCOW. UNIVERSITET. Vestnik. Seriia 3 Fizika, astronomiia [UNIVERSITY. Review. Series3 Physics, Astronomy]. Vol. 16, no. 2, Mar.-Apr. 1961.

REFERATIVNYI ZHURNAL: GEOFIZIKA [JOURNAL OF ABSTRACTS. GEOPHYSICS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 6-7, June-July 1961.

REFERATIVNYI ZHURNAL: MEKHANIKA [JOURNAL OF ABSTRACTS: MECHANICS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 7, July 1961.

UKRAINS'KYI FIZYCHNYI ZHURNAL [UKRAINIAN PHYSICAL JOURNAL]. Issued by Viddil fizyko-matematychnykh nauk Akademii nauk URSR [Department of Physical and Mathematical Sciences of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 5, no. 1, Jan.-Feb. 1960; vol. 6, nos. 1-2, Jan.-Apr. 1961. [In Ukrainian with summaries in Russian.]

*USPEKHI FIZICHESKIKH NAUK [PROGRESS IN THE PHYSICAL SCIENCES]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 73, no. 3, Mar. 1961; vol. 74, nos. 1-2, May-June 1961.

*ZHURNAL EKSPERIMENTAL'NOI I TEORETICHESKOI FIZIKI [JOURNAL OF EXPERIMENTAL AND THEORETICAL PHYSICS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 40, no. 1, Jan. 1961. [With summaries in English.]

14. MEDICINE

a. GENERAL

AKADEMIIA MEDITSINSKIKH NAUK SSSR, Moscow. Vestnik [ACADEMY OF MEDICAL SCIENCES OF THE U.S.S.R. Journal]. Moscow, vol. 15, no. 2, 1960.

AZERBAICHAN TIBB ZHURNALY. AZERBAIDZHANSKII MEDITSINSKII ZHURNAL [AZERBAIJAN MEDICAL JOURNAL]. Issued by Azerbaichan SSR Sehiite nazirliI [Azerbaijan Ministry of Health]. Baku, no. 6, June 1961. [In Russian or Azerbaijani with summaries in the other language.]

MEDITSINSKII REFERATIVNYI ZHURNAL [MEDICAL ABSTRACTS]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, Razdel [Section] 1, vol. 5, no. 6, June 1961; Razdel [Section] 2, vol. 5, no. 7, July 1961; Razdel [Section] 4, vol. 5, no. 6, June 1961; Razdel [Section] 5, vol. 5, no. 6, June 1961; Razdel [Section] 7, vol. 5, no. 6, June 1961; Razdel [Section]8, vol. 5, no. 6, June 1961; Razdel [Section] 10, vol. 5, nos. 6-7, June-July 1961.

MEDITSINSKII ZHURNAL UZBEKISTANA [MEDICAL JOURNAL OF UZBEKISTAN]. Issued by Ministerstvo zdravookhraneniia UzSSR and Akademiia nauk UzSSR [Ministry of Health of the Uzbek S.S.R. and the Academy of Sciences of the Uzbek S.S.R.]. Tashkent, nos. 1-5, Jan.-May 1961.

ZDRAVOOKHRANENIE ROSSIISKOI FEDERATSII [HEALTH SERVICE OF THE RUSSIAN FEDERATION]. Issued by Ministerstvo zdravookhraneniia RSFSR [Ministry of Health of the R.S.F.S.R.]. Moscow, vol. 5, no. 6, June 1961.

ZDRAVOOKHRANENIE TADZHIKISTANA [HEALTH SERVICE OF TAJIKISTAN]. Issued by Ministerstvo zdravookhraneniia Tadzhikskoi SSR [Ministry of Health of the Tajik S.S.R.]. Stalinabad, vol 8, no. 3(41), May-June 1961.

ZDRAVOOKHRANENIE TURKMENISTANA [HEALTH SERVICE OF TURKMENISTAN]. Organ of Ministerstvo zdravookhraneniia TSSR [Ministry of Health of the Turkmen S.S.R.]. Ashkhabad, vol. 5, no. 1(25), Jan.-Feb 1961.

*ZHURNAL MIKROBIOLOGII, EPIDEMIOLOGII I IMMUNOBIOLOGII [JOURNAL OF MICROBIOLOGY, EPIDEMIOLOGY, AND IMMUNOBIOLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 31, nos. 3, 8, 11-12, Mar., Aug., Nov.-Dec. 1960, vol. 32, nos. 1-5, Jan.-May 1961. [With summaries in English.]

b. GYNECOLOGY, OBSTETRICS & PEDIATRICS

AKUSHERSTVO I GINEKOLOGIIA [OBSTETRICS AND GYNECOLOGY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 37, no. 1, 1961.
(DNLM)

PEDIATRIIA, AKUSHERSTVO I GINEKOLOGIIA [PEDIATRICS, OBSTETRICS, AND GYNECOLOGY]. Organ of Ministerstvo okhrany zdorov'ia URSR [Ministry of Health of the Ukrainian S.S.R.]. Kiev, vol. 23, no. 1, 1961. [In Ukrainian.]
(DNLM)

VOPROSY OKHRANY MATERINSTVA I DETSTVA [PROBLEMS OF MOTHER AND CHILD CARE]. Issued by Ministerstvo zdravookhraneniia RSFSR [Ministry of Health of the R.S.F.S.R.]. Moscow, vol. 6, no. 4, Apr. 1961. [With summaries in English.]

c. NEUROLOGY & PSYCHIATRY

ZHURNAL NEVROPATOLOGII I PSIKHIATRII [JOURNAL OF NEUROPATHOLOGY AND PSYCHIATRY]. Issued by Vsesoiuznoe obshchestvo neuropatologov i psikhiatrov [All-Union Society of Neuropathologists and Psychiatrists]. Moscow, vol. 61, no. 2, 1961. [With summaries in English.]

*ZHURNAL VYSSHEI NERVNOI DEIATEL'NOSTI [JOURNAL OF THE HIGHER NERVOUS FUNCTION]. Published by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 11, no. 2, Mar.-Apr 1961. [With summaries in English.]

d. OPHTHALMOLOGY & OTORHINOLARYNGOLOGY

ZHURNAL USHNYKH, NOSOVYKH I GORLOVYKH BOLEZNEI [JOURNAL OF EAR, NOSE, AND THROAT DISEASES]. Issued by Ministerstvo zdravookhraneniia USSR [Ministry of Health of the Ukrainian S.S.R.]. Kiev, vol. 20, nos. 4-5, July-Oct. 1960, vol. 21, nos. 1-3, Jan.-June 1961. [With summaries in English.]

ATHOLOGY & THERAPEUTICS

OLOGII [ARCHIVES OF PATHOLOGY].
by Akademiia meditsinskikh nauk SSSR
of Medical Sciences of the U.S.S.R.]. Mos-
3, nos. 4-5, 1961. [With summaries in

NOE DELO [LABORATORY WORK]. Issued
rstvo zdravookhraneniia SSSR [Ministry of
he U.S.S.R.]. Moscow, vol. 7, no. 7, July

ESKAIA FIZIOLOGIIA I EKSPERIMENTERAPIIA [PATHOLOGICAL PHYSIOLOGY
IMENTAL THERAPY]. Issued by Mi-
dravookhraneniia SSSR [Ministry of Health
i, R.]. Moscow, vol. 5, nos. 1, 3, Jan.-
June, 1961. [With summaries in English.]

GEMATOLOGII I PERELIVANIIA KROVI
MS OF HEMATOLOGY AND BLOOD TRANS-
Issued by Ministerstvo zdravookhraneniia
istry of Health of the U.S.S.R.]. Moscow,
1, Jan. 1960; vol. 6, no. 4, Apr. 1961.
)

f. PHARMACY & MATERIA MEDICA

*ANTIBIOTIKI [ANTIBIOTICS]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 5, no. 3, May-June 1960. [With summaries in English.]

*FARMAKOLOGIIA I TOKSIKOLOGIIA [PHARMACOLOGY AND TOXICOLOGY]. Issued by Akademiia meditsinskikh nauk SSSR [Academy of Medical Sciences of the U.S.S.R.]. Moscow, vol. 24, no. 2, Mar.-Apr. 1961. [With summaries in English.]

FARMATSEVTYCHNYI ZHURNAL [PHARMACEUTICAL JOURNAL]. Issued by Ministerstvo okhorony zdorov'ia URSR [Ministry of Health of the Ukrainian S.S.R.]. Kiev, vol. 16, no. 3, 1961. [In Ukrainian.]
(DNLM)

MEDITSINSKAIA PROMYSHLENNOST' SSSR [MEDICAL SUPPLIES INDUSTRY OF THE U.S.S.R.]. Organ of Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 15, no. 5, May 1961.

VOPROSY MEDITSINSKOI KHIMII [PROBLEMS OF MEDICAL CHEMISTRY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 7, no. 2, Mar.-Apr. 1961. [With summaries in English.]

g. PUBLIC HEALTH & NURSING

GIGIENA I SANITARIIA [HYGIENE AND SANITATION]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 26, no. 1, Jan. 1961.

LENINGRAD. SANITARNO-GIGIENICHESKII MEDITSINSKII INSTITUT. Trudy [MEDICAL INSTITUTE OF SANITATION AND HYGIENE. Transactions]. Vol. 61, 1960.

MEDITSINSKAIA SESTRA [MEDICAL NURSE]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, no. 5, May 1961.

h. SURGERY & DENTISTRY

EKSPERIMENTAL'NAIA KHIRURGIIA [EXPERIMENTAL SURGERY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 4, no. 6, Nov.-Dec. 1959. [With summaries in English.]
(DNLM)

VOPROSY NEIROKHIRURGII [PROBLEMS OF NEUROSURGERY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 25, no. 2, Mar.-Apr. 1961.
(DNLM)

i. VENEREOLOGY & DERMATOLOGY

SBORNIK NAUCHNYKH RABOT PO LEPROLOGII I DERMATOLOGII [COLLECTED PAPERS ON LEPROLOGY AND DERMATOLOGY]. Issued by Rostovskii eksperimental'no-klinicheskii leprozorii Ministerstva zdravookhraneniia RSFSR and Kafedra kozhnykh i venericheskikh boleznei Rostovskogo gosudarstvennogo meditsinskogo instituta [Rostov Experimental Clinical Leprosarium of the Ministry of Health of the R.S.F.S.R. and the Department of Skin and Venereal Diseases of the Rostov State Medical Institute]. Rostov-on-Don, no. 13, 1959.
(DNLM)

15. AGRICULTURE

a. GENERAL

AGRIKULTURA SHI VITERITUL MOLDOVEI [AGRICULTURE AND ANIMAL HUSBANDRY OF MOLDAVIA]. Kishinev, vol. 6, nos. 1-4, 7, Jan.-Apr., July 1961. [In Moldavian.]
(DA)

EKONOMIKA SEL'SKOGO KHOZIAISTVA [ECONOMICS OF AGRICULTURE]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 32, nos. 2, 6, Feb., June 1961.

GIDROTEKHNIKA I MELIORATSIIA [HYDRAULIC ENGINEERING AND RECLAMATION]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 13, no. 6, June 1961.

KAZAKSTANNYŃ AUYL SHARUASHYLYĞY [KAZAKHSTAN AGRICULTURE]. Alma-Ata, no. 5, May 1961. [In Kazakh.]

KHOČHAGH KISHLOKI TOČHIKISTON [AGRICULTURE OF TAJIKISTAN]. Organ of the Ministry of Agriculture of the Tajik S.S.R. Stalinabad, vol 15, no. 6, June 1961. [In Tajik.]

KOLHOSPNYK UKRAINY [COLLECTIVE FARMER OF THE UKRAINE]. Issued by Ministerstvo sil's'koho hospodarstva URSR [Ministry of Agriculture of the Ukrainian S.S.R.]. Kiev, vol. 8, no. 7(83), July 1961. [In Ukrainian.]

KOLKHOZNOE PROIZVODSTVO [COLLECTIVE FARM PRODUCTION]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 21, no. 7, July 1961.

KREST'IANKA [THE PEASANT WOMAN]. Published by Izd-vo [Publishing House] "Pravda." Moscow, vol. 40, no. 7, July 1961.

KYRGYZSTANDYN AIYL CHARBASY [AGRICULTURE OF KIRGHIZSTAN]. Issued by the Ministry of Agriculture of the Kirghiz S.S.R. Frunze, nos. 1-5, Jan.-May 1961. [In Kirghiz.]

MEKHANIZATSHIA I ELEKTRIFIKATSHIA SOTSIALISTICHESKOGO SEL'SKOGO KHOZIAISTVA [MECHANIZATION AND ELECTRIFICATION OF SOCIALIST AGRICULTURE]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 19, no. 3, 1961.

MEKHANIZATSHIA SIL'S'KOHO HOSPODARSTVA [MECHANIZATION OF AGRICULTURE]. Organ of Ministerstvo sil's'koho hospodarstva URSR [Ministry of Agriculture of the Ukrainian S.S.R.]. Kiev, vol. 12, no. 7(193), July 1961. [In Ukrainian.]

MOLODOI KOLKHOZNIK [THE YOUNG COLLECTIVE FARMER]. Published by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, vol. 28, nos. 6-7, June-July 1961.

MOSCOW. MOSKOVSKAIA SEL'SKOKHOZIAISTVENNAIA AKADEMIIA IM. TIMIRIAZEVA. Doklady [TIMIRIAZEV AGRICULTURAL ACADEMY OF MOSCOW. Reports]. Nos. 57-59, 1960, nos. 60-61, 63-64, 66, 1961.

* POCHVOVEDENIE [SOIL SCIENCE]. Published by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, nos. 4, 6, Apr., June 1961. [With English summaries.]

SEL'SKAIA HASPADARKA BELARUSI [AGRICULTURE OF WHITE RUSSIA]. Issued by Ministerstvo sel'skai haspadarki Belaruskai SSR [Ministry of Agriculture of the White Russian S.S.R.]. Minsk, vol. 9, nos. 6(102)-7(103), June-July 1961. [In White Russian.]

SEL'SKII MEKHANIZATOR [THE RURAL MECHANIC]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, no. 6, 1961.

SEL'SKOE KHOZIAISTVO BELORUSSII [AGRICULTURE OF WHITE RUSSIA]. Issued by Ministerstvo sel'skogo khoziaistva Belorusskoi SSR [Ministry of Agriculture of the White Russian S.S.R.]. Minsk, vol. 9, nos. 6(102)-7(103), June-July 1961.

SEL'SKOE KHOZIAISTVO KAZAKHSTANA [AGRICULTURE OF KAZAKHSTAN]. Organ of Ministerstvo sel'skogo khoziaistva and Ministerstvo sovkhozov Kazakhskoi SSR [Ministry of Agriculture and Ministry of State Farms of the Kazakh S.S.R.]. Alma-Ata, vol. 8, no. 6, June 1961.

SEL'SKOE KHOZIAISTVO KIRGIZII [AGRICULTURE OF KIRGHIZIA]. Issued by Ministerstvo sel'skogo khoziaistva Kirgizskoi SSR [Ministry of Agriculture of the Kirghiz S.S.R.]. Frunze, vol. 7, no. 6, June 1961.

SEL'SKOE KHOZIAISTVO PODMOSKOV'IA [AGRICULTURE OF THE MOSCOW REGION]. Organ of Oblastnoe upravlenie sel'skogo khoziaistva [Province Administration of Agriculture]. Moscow, vol. 10, no. 7, July 1961.

SEL'SKOE KHOZIAISTVO POVOLZH'IA [AGRICULTURE OF THE VOLGA VALLEY]. Organ of Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.]. Saratov, vol. 7, no. 6, June 1961.

SEL'SKOE KHOZIAISTVO SEVERNOGO KAVKAZA [AGRICULTURE OF THE NORTHERN CAUCASUS]. Organ of Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.]. Krasnodar, vol. 4, no. 7, July 1961.

SEL'SKOE KHOZIAISTVO SEVERO-ZAPADNOI ZONY [AGRICULTURE OF THE NORTHWESTERN ZONE]. Issued by Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.]. Leningrad, vol. 3, nos. 6-7, June-July 1961

SEL'SKOE KHOZIAISTVO SIBIRI [AGRICULTURE OF SIBERIA]. Organ of Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.]. Omsk, vol. 6, no. 7, July 1961.

SEL'SKOE KHOZIAISTVO TADZHIKISTANA [AGRICULTURE OF TAJIKISTAN]. Organ of Ministerstvo sel'skogo khoziaistva Tadzhikskoi SSR [Ministry of Agriculture of the Tajik S.S.R.]. Stalinabad, vol. 15, no. 7, July 1961.

SEL'SKOKHOZIAISTVENNAIA LITERATURA SSSR [AGRICULTURAL LITERATURE OF THE U.S.S.R.]. Issued by TSentral'naia nauchnaia sel'skokhoziaistvennaia biblioteka [Central Agricultural Library]. Moscow, nos. 1-4, 1961. Imennoi ukazatel' [Author Index], 1960.

SOVKHOZNOE PROIZVODSTVO [STATE FARM PRODUCTION]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, no. 7, July 1961.

VESTNIK SEL'SKOKHOZIAISTVENNOI NAUKI [REVIEW OF AGRICULTURAL SCIENCE]. Issued by Vsesoiuznaia akademiia sel'skokhoziaistvennykh nauk imeni V.I. Lenina [All-Union Lenin Academy of Agricultural Sciences]. Moscow, vol. 6, no. 6, June 1961.

VISNYK SIL'S'KOHOSPODARS'KOI NAUKY [REVIEW OF AGRICULTURAL SCIENCE]. Issued by Ukrains'ka akademiia sil's'kohospodars'kykh nauk [Ukrainian Academy of Agricultural Sciences]. Kiev, vol. 4, nos 5-7, May July 1961. [In Ukrainian with summaries in Russian.]

b ANIMAL INDUSTRY

AKADEMIIA NAUK SSSR. Ikhtiologicheskaia komissiia. Trudy soveshchanii [ACADEMY OF SCIENCES OF THE U.S.S.R. Ichthyological Commission. Transactions of Conferences]. Moscow, no. 12, 1961.

MOLOCHNAIA PROMYSHLENNOST' [DAIRY INDUSTRY]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 22, nos. 6-7, June-July 1961.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT MORSKOGO RYBNOGO KHOZIAISTVA I OKEANOGRAFII. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF MARINE FISHERIES AND OCEANOGRAPHY. Transactions]. Vol. 33, 1958; vol. 39, 1959.

OKHOTA I OKHOTNICH'E KHOZIAISTVO [HUNTING AND GAME MANAGEMENT]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 7, no. 7, July 1961.

RYBNOE KHOZIAISTVO [FISHERIES]. Organ of VNIRO Glavnogo upravlenie rybnogo khoziaistva pri Gosplane SSSR [All-Union Scientific Institute of Maritime Fisheries and Oceanography of the Main Administration of Fisheries, Attached to the State Planning Commission of the U.S.S.R.]. Moscow, vol. 37, nos. 4-5, 1961.

SOTSIALISTYCHNE TVARYNNYTSTVO [SOCIALIST ANIMAL HUSBANDRY]. Organ of Ministerstvo sil's'koho hospodarstva URSR [Ministry of Agriculture of the Ukrainian S.S.R.]. Kiev, vol. 33, no. 6, June 1961. [In Ukrainian.]
(DA)

c. FORESTRY

AKADEMIIA NAUK SSSR. Laboratoriia lesovedeniia. Soobshchenila [ACADEMY OF SCIENCES OF THE U.S.S.R. Laboratory of Forestry. Reports]. Moscow, nos. 3-4, 1961.

KH[illegible]

Scientific and Technical Information]. Nos. 2, 3/4, 1957.
(DA)

LESNAIA PROMYSHLENNOST' [FOREST INDUSTRIES]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov RSFSR and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva lesnoi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the R.S.F.S.R. and the Central Administration of the Scientific Technological Society of Forest Industries]. Moscow, vol 38, nos. 5-6, May-June 1961

MASTER LESA [MASTER LUMBERMAN]. Issued by TsK Profsoiuza rabochikh lesnoi, bumazhnoi i derevoobrabatyvaiushchei promyshlennosti [Central Committee of the Trade Union of Workers of the Forest, Paper, and Woodworking Industries]. Moscow, no. 7, July 1961.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, lesnoi zhurnal [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Forestry Journal]. Moscow, vol. 4, no. 2, 1961.

d PLANT CULTURE

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT ZERNA I PRODUKTOV EGO PERERABOTKI. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF GRAIN AND GRAIN PRODUCTS. Transactions]. No. 20, 1950.
(DA)

SADOVODSTVO, VINOGRADARSTVO I VINODELIE MOLDAVII [FRUIT CULTURE, VITICULTURE, AND WINEMAKING IN MOLDAVIA]. Organ of Sovet narodnogo khoziaistva and Ministerstvo sel'skogo khoziaistva Moldavskoi SSR [Economic Council and the Ministry of Agriculture of the Moldavian S.S.R.]. Kishinev, vol 16, no. 6(98), June 1961
(DA)

SELEKTSHIA I SEMENOVODSTVO [PLANT BREEDING AND SEED PRODUCTION]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 26, no. 4, July-Aug. 1961.

TORZHOK, VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT L'NA. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF FLAX. Transactions]. Moscow, no. 6, 1960.

VINODELIE I VINOGRADARSTVO SSSR [VITICULTURE AND WINE MAKING IN THE U.S.S.R.]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TSentral'noe pravlenie nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 21, no. 5(204), 1961.

ZASHCHITA RASTENII OT VREDITELEI I BOLEZNEI [PROTECTING PLANTS AGAINST DISEASES AND PESTS]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 5, no. 1, Jan. 1960.
(DA)

ZEMLEDELIE [AGRICULTURE]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 23, no. 6, June 1961.

16. TECHNOLOGY

a. GENERAL

AKADEMIIA NAUK UZBEKSKOI SSR, Tashkent. Izvestiia, Seriia tekhnicheskikh nauk [ACADEMY OF SCIENCES OF THE UZBEK S.S.R. Bulletin, Series in the Technical Sciences]. Tashkent, no. 3, 1961.

* BIULLETEN' IZOBRETENII [BULLETIN ON INVENTIONS]. Issued by Komitet po delam izobretenii i otkrytii pri Sovete Ministrov SSSR [Committee on Inventions and Discoveries, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 38, no. 10, 1961.

INFORMATSIONNYI UKAZATEL' STANDARTOV [INFORMATION INDEX OF STANDARDS]. Published by Gosudarstvennoe izdatel'stvo po standartizatsii [State Publishing House on Standardization]. Moscow, vo. 22, nos. 3-6, 1961.

IUNYI TEKHNIK [YOUNG TECHNICIAN]. Issued by TsK VLKSM and TSentral'nyi Sovet pionerskoi organizatsii imeni V.I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the Lenin Pioneers]. Moscow, vol. 5, no. 3, Mar. 1961.

*IZMERITEL'NAIA TEKHNIKA [MEASUREMENT TECHNIQUES]. Issued by Komitet standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR [Committee of Standards, Measures, and Measuring Instruments, Attached to the Council of Ministers of the U. S. S. R.]. Moscow, no. 7, July 1961

IZOBRETATEL' I RATSIONALIZATOR [INVENTOR AND EFFICIENCY PROMOTER]. Issued by Vsesoiuznoe obshchestvo izobretatelei i ratsionalizatorov [All-Union Society of Inventors and Efficiency Promoters] Moscow, nos. 6-7, June-July 1961.

LENINGRAD. TEKHNOLOGICHESKII INSTITUT. Trudy [TECHNOLOGICAL INSTITUTE. Transactions]. No. 60, 1960.

MOSCOW. TSENTRAL'NYI INSTITUT TEKHNIKO-EKONOMICHESKOI INFORMATSII. Biulleten' tekhniko-ekonomicheskoi informatsii [CENTRAL INSTITUTE OF TECHNICAL AND ECONOMIC INFORMATION. Bulletin of Technical and Economic Information]. Nos. 5-6, 1961.

NAUCHNO-TEKHNICHESKIE OBSHCHESTVA SSSR [SCIENTIFIC TECHNOLOGICAL SOCIETIES OF THE U. S. S. R.]. Issued by Vsesoiuznyi sovet Nauchno-tekhnicheskikh obshchestv [All-Union Council of Scientific Technological Societies] Moscow, vol. 3, no. 6, June 1961.

NOVYE KNIGI ZA RUBEZHOM. Seriia B: Tekhnika [NEW FOREIGN BOOKS. Series B: Technology]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, vol 5, no. 6(54), June 1961.

PMTF, zhurnal prikladnoi mekhaniki i tekhnicheskoi fiziki [PMTF, Journal of Applied Mechanics and Technical Physics] Issued by Sibirskoe otdelenie Akademii nauk SSSR [Siberian Department of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 2, July-Aug., 1960, no. 1, Jan.-Feb., 1961.

PROMYSHLENNOST' ARMENII [INDUSTRY OF ARMENIA] Issued by Sovet narodnogo khoziaistva Armianskoi SSR and Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov Armianskoi SSR [Economic Council of the Armenian S. S. R. and the State Scientific and Technical Committee of the Council of Ministers of the Armenian S. S. R.] Erivan, vol. 4, nos. 1-4, Jan.-Apr. 1961.

RUSSIA (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. Trudy Institutov Komiteta [Committee of Standards, Measures, and Measuring Instruments. Transactions of the Institutes of the Committee]. Moscow, no. 48(108), 1960.

STANDARTIZATSIIA [STANDARDIZATION]. Organ of Komitet standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR [Committee of Standards, Measures, and Measuring Instruments, Attached to the Council of Ministers of the U. S. S. R.]. Moscow, vol. 25, no. 6, June 1961.

SVERDLOVSK. URAL'SKII POLITEKHNICHESKII INSTITUT. Trudy [URAL POLYTECHNIC INSTITUTE. Transactions]. Moscow, no. 104, 1961.

ZHURNAL TEKHNICHESKOI FIZIKI [JOURNAL OF TECHNICAL PHYSICS]. Published by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 29, no. 12, Dec. 1959.

b. AERONAUTICS

KRYL'IA RODINY [WINGS OF THE MOTHERLAND]. Published by Vsesoiuznoe dobrovol'noe obshchestvo sodeistviia armii, aviatsii i flotu [All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, vol. 12, nos. 2-3, 6-7, Feb.-Mar., June-July, 1961.

VOPROSY RAKETNOI TEKHNIKI; sbornik perevodov i obzorov inostrannoi periodicheskoi literatury [PROBLEMS OF ROCKET ENGINEERING; Translations and Surveys of Foreign Periodical Literature]. Published by Izd-vo inostrannoi lit-ry [Publishing House of Foreign Literature]. Moscow, vol. 11, nos. 6(78)-7(79), 1961.

c. CHEMICAL TECHNOLOGY

*KAUCHUK I REZINA [CRUDE AND VULCANIZED RUBBER]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po khimii and Vsesoiuznoe khimicheskoe obshchestvo [State Committee of the Council of Ministers of the U. S. S. R. for chemistry and the All-Union Chemical Society]. Moscow, vol. 20, nos. 6-7, June-July 1961.

KHIMICHESKAIA PROMYSHLENNOST' [CHEMICAL INDUSTRIES]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po khimii [State Committee of the Council of Ministers of the U. S. S. R. on Chemistry] Moscow, nos 5-6, May-June 1961

KHIMICHESKIE VOLOKNA [SYNTHETIC FIBERS]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po khimii [State Committee of the Council of Ministers of the U S S R on Chemistry]. Moscow, no. 3, 1961.

KHIMIIA I TEKHNOLOGIIA TOPLIV I MASEL [CHEMISTRY AND TECHNOLOGY OF FUEL AND OIL]. Issued by Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U. S. S. R.] and others. Moscow, vol. 6, no. 7, July 1961.

KHIMKI. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII LESOKHIMICHESKII INSTITUT. Sbornik trudov [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF WOOD CHEMISTRY. Papers]. No. 7, 1947.

LAKOKRASOCHNYE MATERIALY I IKH PRIMENENIE [LACQUER AND PAINT MATERIALS AND THEIR USE]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po khimii [State Committee for Chemistry of the Council of Ministers of the U. S. S. R.]. Moscow, no. 3, 1961

MASLOBOINO-ZHIROVAIA PROMYSHLENNOST' [OILS AND FATS INDUSTRY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [State Committee of the Council of Ministers of the U. S. S. R. on the Coordination of Research and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 27, no. 6, June 1961.

SAKHARNAIA PROMYSHLENNOST' [SUGAR INDUSTRY]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U. S. S. R. and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 35, no. 6, June 1961.

SOVETSKOE FOTO [THE SOVIET PHOTOGRAPH]. Issued by Ministerstvo kul'tury SSSR [Ministry of Culture of the U. S. S. R.]. Moscow, vol. 21, no. 6, June 1961.

SPIRTOVAIA PROMYSHLENNOST' [DISTILLING INDUSTRY]. Issued by Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U. S. S. R. and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 27, no. 4, 1961.

YALTA VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT VINODELIIA I VINOGRADARSTVA "MAGARACH." Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF VITICULTURE AND WINE MAKING "MAGARACH." Transactions]. Moscow, vol. 2, 1953; vol. 3, 1954.

d. CIVIL & CONSTRUCTION ENGINEERING

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut stroitel'nykh konstruktsii. Nauchnoe soobshchenie [ACADEMY OF CONSTRUCTION AND ARCHITECTURE OF THE U. S. S. R. Institute of Construction Design. Scientific Report]. Moscow, no. 14, 1960.
Contents. Rzhanitsyn, A. R. [Shallow shells and corrugated plates; some problems in the theory and design] Pologie obolochki i volnistye nastily; nekotorye voprosy teorii i rascheta. 128 p.

AVTOMOBIL'NYE DOROGI [HIGHWAYS]. Issued by Ministerstvo transportnogo stroitel'stva SSSR [Ministry of Construction for the Transportation Industry of the U. S. S. R.]. Moscow, vol. 24, no. 5(223), May 1961.

BETON I ZHELEZOBETON [CONCRETE AND REINFORCED CONCRETE]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U. S. S. R. for Construction]. Moscow, nos. 4-5, Apr.-May 1961.

BIULLETEN' STROITEL'NOI TEKHNIKI [BULLETIN OF CONSTRUCTION ENGINEERING]. Published by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U. S. S. R. for Construction]. Moscow, vol. 18, no. 4, Apr. 1961.

DNEPROPETROVSK. INZHENERNO-STROITEL'NYI INSTITUT. Nauchnoe soobshchenie [CIVIL ENGINEERING INSTITUTE. Scientific Report]. No. 52, 1959.
Contents Ionov, IU. K. [Design and wear resistance of pins of a sectional pull chain] O raschete i iznose pal'tsev tiagovoi razbornoi tsepi. 17 p.

GIDROTEKHNICHESKOE STROITEL'STVO [HYDROTECHNICAL CONSTRUCTION]. Issued by Ministerstvo stroitel'stva elektrostantsii SSSR [Ministry for the Construction of Electric Power Stations of the U.S.S.R.]. Moscow, vol. 31, nos. 5-6, May-June 1961

GORODSKOE KHOZIAISTVO MOSKVY [MUNICIPAL ECONOMY OF MOSCOW]. Organ of Ispolkom Moskovskogo gorodskogo soveta deputatov trudiashchikhsia [Executive Committee of the Moscow City Soviet of Workers' Deputies] Moscow, vol. 35, no. 5, May 1961.

MEKHANIZATSIIA STROITEL'STVA [MECHANIZATION OF CONSTRUCTION]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva stroitel'noi industrii [State Committee of the Council of Ministers of the U. S. S. R. for Construction and the Central Administration of the Scientific Technological Society of the Construction Industry]. Moscow, vol. 18, no. 4, Apr. 1961.

MONTAZHNYE I SPETSIALIZIROVANNYE RABOTY V STROITEL'STVE [ASSEMBLING AND SPECIALIZED OPERATIONS IN CONSTRUCTION]. Organ of Ministerstvo stroitel'stva RSFSR and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva stroitel'noi industrii [Ministry of Construction of the R. S. F. S. R. and the Central Administration of the Scientific Technological Society of the Building Industry]. Moscow, vol. 23, no. 5, May 1961.

NA STROIKAKH ROSSII [AT RUSSIAN CONSTRUCTION PROJECTS]. Organ of Gosudarstvennyi komitet Soveta Ministrov RSFSR po delam stroitel'stva [State Committee of the Council of Ministers of the R. S. F. S. R.]. Moscow, no. 3, Dec. 1960; nos. 1-4, Jan.-Apr. 1961

NOVOSIBIRSK. INZHENERNO-STROITEL'NYI INSTITUT. Trudy [CIVIL ENGINEERING INSTITUTE. Transactions]. Vol. 9, 1959.

POZHARNOE DELO [FIRE FIGHTING]. Issued by Ministerstvo vnutrennikh del RSFSR [Ministry of the Interior of the R. S. F. S. R.]. Moscow, vol. 7, no. 6, June 1961.

PROMYSHLENNAIA AERODINAMIKA [INDUSTRIAL AERODYNAMICS]. Issued by TSentral'nyi aerogidrodinamicheskii institut [Central Aerohydrodynamic Institute]. Moscow, no. 19, 1960.

PROMYSHLENNOE STROITEL'STVO [INDUSTRIAL CONSTRUCTION]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva stroitel'noi industrii [State Committee of the Council of Ministers of the U. S. S. R. for Construction and the Central Administration of the Scientific Technological Society of the Building Industry]. Moscow, vol. 39, no. 4, 1961.

PUT' I PUTEVOE KHOZIAISTVO [RAILROAD TRACKS AND ROADWAY MAINTENANCE]. Organ of Ministerstvo putei soobshcheniia SSSR [Ministry of Railroad Transportation of the U. S. S. R.]. Moscow, vol. 5, no. 5, May 1961.

RATSIONALIZATORSKIE I IZOBRETATEL'SKIE PREDLOZHENIIA V STROITEL'STVE [PROPOSED EFFICIENCY MEASURES AND INVENTIONS IN CONSTRUCTION WORK]. Issued by TSentral'nyi institut informatsii po stroitel'stvu Gosudarstvennogo komiteta Soveta Ministrov SSSR po delam stroitel'stva [Central Institute of Information on Construction of the State Committee of the Council of Ministers of the U. S. S. R. on Construction]. Moscow, no. 65, 1953.

SEL'SKII STROITEL' [RURAL BUILDER]. Organ of Glavnoe upravlenie po stroitel'stvu v kolkhozakh Ministerstva sel'skogo khoziaistva RSFSR [Main Administration of Construction on Collective Farms of the Ministry of Agriculture of the R. S. F. S. R.]. Moscow, vols. 15-16, nos. 4(138)-5(139), Apr.-May 1961.

SIL'S'KE BUDIVNYTSTVO [RURAL CONSTRUCTION]. Issued by Ministerstvo sil's'koho hospodarstva URSR [Ministry of Agriculture of the Ukrainian S. S. R.] Kiev, vol. 11, nos. 4-5, Apr.-May 1961. [In Ukrainian.]

STROITEL' [THE BUILDER]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva and TSentral'nyi komitet Profsoiuza rabochikh stroitel'stva i promyshlennosti stroitel'nykh materialov [State Committee of the Council of Ministers of the U. S. S. R. for Construction and the Central Committee of the Trade Union of Construction and Building Materials Workers]. Moscow, no. 5, May 1961.

STROITEL'NAIA MEKHANIKA I RASCHET SOORUZHENII [STRUCTURAL MECHANICS AND CONSTRUCTION CALCULATIONS]. Issued by Akademiia stroitel'stva i arkhitektury SSSR [Academy of Construction and Architecture of the U. S. S. R.]. Moscow, vol. 3, no. 3, 1961.

STROITEL'NYE MATERIALY [BUILDING MATERIALS] Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U. S. S. R. for Construction]. Moscow, vol. 7, no. 5, May 1961.

TRANSPORTNOE STROITEL'STVO [CONSTRUCTION FOR THE TRANSPORTATION INDUSTRY]. Organ of Ministerstvo transportnogo stroitel'stva [Ministry of Construction for the Transportation Industry]. Moscow, vol. 11, no. 5, May 1961.

VODOSNABZHENIE I SANITARNAIA TEKHNIKA [WATER SUPPLY AND SANITARY ENGINEERING]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U. S. S. R. for Construction] Moscow, nos. 5-6, May-June 1961.

ZHILISHCHNO-KOMMUNAL'NOE KHOZIAISTVO [COMMUNAL HOUSING AND SERVICES]. Issued by Ministerstvo kommunal'nogo khoziaistva RSFSR and TsK profsoiuza rabochikh mestnoi promyshlennosti i kommunal'nogo khoziaistva [Ministry of Communal Economy of the R. S. F. S. R. and the Central Committee of the Trade Union of Workers of Local Industries and Communal Economy]. Moscow, vol 11, no. 4, Apr. 1961.

ZHILISHCHNOE STROITEL'STVO [HOUSING CONSTRUCTION]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva and TSentral'noe pravlenie NTO stroitel'noi industrii [State Committee of the Council of Ministers of the U. S. S. R. for Construction and the Central Administration of the Scientific Technological Society of the Building Industry]. Moscow, no. 5, May 1961.

e. ELECTRICAL ENGINEERING

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku Energeticheskii Institut Trudy [ACADEMY OF SCIENCES OF THE AZERBAIJAN S. S. R. Power Institute Transactions] Baku, vol 9, 1960; vol. 12, 1964

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. Institut elektroniki, avtomatiki i telemekhaniki. Trudy [ACADEMY OF SCIENCES OF THE GEORGIAN S. S. R. Institute of Electronics, and Automatic and Remote Control. Transactions]. Tiflis, vol. 1, 1960. [In Russian or Georgian with summaries in Russian.]

AKADEMIIA NAUK SSSR. Institut elektromekhaniki. Sbornik rabot po voprosam elektromekhaniki [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of Electrical Machinery and Apparatus. Papers on the Problems of Electrical Michinery and Apparatus]. Moscow, no. 5, 1961.

AKADEMIIA NAVUK BSSR, Minsk. Instytut energetyki. Trudy [ACADEMY OF SCIENCES OF THE WHITE RUSSIAN S. S. R. Power Institute. Transactions]. Minsk, no. 12, 1960.

ANNOTIROVANNYI UKAZATEL' LITERATURY PO RADIOELEKTRONIKE [ANNOTATED BIBLIOGRAPHY ON ELECTRONICS]. Moscow, vol. 17, nos. 10-12, 1961.

*ATOMNAIA ENERGIIA [ATOMIC ENERGY]. Issued by Akademiia nauk SSSR and Gosudarstvennyi komitet Soveta Ministrov SSSR po ispol'zovaniiu atomnoi energii [State Committee on the Use of Atomic Energy of the Council of Ministers of the U. S. S. R.]. Moscow, vol. 10, no. 6, June 1961.

*AVTOMATIKA I TELEMEKHANIKA [AUTOMATIC AND REMOTE CONTROL]. Published by Institut avtomatiki i telemekhaniki Akademii nauk SSSR [Institute of Automatic and Remote Control of the Academy of Sciences of the U. S. S. R.]. Moscow, vol. 22, nos. 5, 7, May, July 1961. [With summaries in English.]

AVTOMATIKA, TELEMEKHANIKA I SVIAZ' [AUTOMATIC CONTROL, REMOTE CONTROL, AND COMMUNICATIONS]. Organ of Ministerstvo putei soobshchenila SSSR [Ministry of Railroad Transportation of the U. S. S. R.]. Moscow, vol. 5, nos. 4-5, Apr.-May 1961.

AVTOMATYKA [AUTOMATIC CONTROL]. Issued by Instytut elektrotekhniky Akademii nauk URSR [Institute of Electrical Engineering of the Academy of Sciences of the Ukrainian S. S. R.]. Kiev, nos. 2-3, 1961. [In Ukrainian with summaries in Russian and English.]

*ELEKTROSVIAZ' [TELECOMMUNICATION]. Organ of Ministerstvo sviazi SSSR [Ministry of Communication of the U. S. S. R.]. Moscow, vol. 15, nos. 5-7, May-July, 1961.

PROBLEMY PEREDACHI INFORMATSII [PROBLEMS OF TRANSMISSION OF INFORMATION]. Issued by Laboratoriia sistem peredachi informatsii Akademii nauk SSSR [Laboratory of Systems of Transmission of Information of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 6, 1961.

*RADIOTEKHNIKA [RADIO ENGINEERING]. Organ of Nauchno-tekhnicheskoe obshchestvo radiotekhniki i elektrosviazi im. A. S. Popova [A. S. Popov Scientific Technical Society of Radio Engineering and Telecommunications]. Moscow, vol. 16, nos. 5-6, May-June 1961.

*RADIOTEKHNIKA I ELEKTRONIKA [RADIO ENGINEERING AND ELECTRONICS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 6, nos. 6-7, June-July 1961.

REFERATIVNYI ZHURNAL: AVTOMATIKA I RADIOELEKTRONIKA [JOURNAL OF ABSTRACTS: AUTOMATIC CONTROL AND RADIO ENGINEERING]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 7, July 1961.

REFERATIVNYI ZHURNAL: ELEKTROTEKHNIKA [JOURNAL OF ABSTRACTS ELECTRICAL ENGINEERING]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, Avtorskii ukazatel' [Author index], 1958.

REFERATIVNYI ZHURNAL: ELEKTROTEKHNIKA I ENERGETIKA [JOURNAL OF ABSTRACTS ELECTRICAL ENGINEERING AND ELECTRIC POWER]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 7, July 1961.

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i [illegible] [illegible]

Moscow, vol. 4, no. 5, May 1961.

SVETOTEKHNIKA [ILLUMINATING ENGINEERING]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva energeticheskoi promyshlennosti [State Committee of the Council of Ministers of the U. S. S. R. for Automation and Machinery Manufacture and the Central Administration of the Scientific Technological Society of the Power Industry]. Moscow, vol. 7, nos. 4-6, Apr.-June 1961.

VESTNIK SVIAZI [COMMUNICATION REVIEW]. Issued by Ministerstvo sviazi SSSR and TSentral'nyi komitet profsoiuza rabotnikov sviazi, rabochikh avtomobil'nogo transporta i shosseinykh dorog [Ministry of Communication of the U. S. S. R. and the Central Committee of the Trade Union of Communications Employees and Workers of Automotive Transportation and Highways]. Moscow, vol. 21, nos. 3(252)-5(254), Mar.-May 1961.

ZARUBEZHNAIA RADIOELEKTRONIKA [RADIO ENGINEERING ABROAD]. Moscow, vol. 16, no. 6, June 1961.

f. INDUSTRIES & TRADES

KOZHEVENNO-OBUVNAIA PROMYSHLENNOST' [LEATHER AND FOOTWEAR INDUSTRY]. Issued by Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TSentral'noe pravlenie NTO legkoi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U. S. S. R. and the Central Administration of the Scientific Technological Society of Light Industry]. Leningrad, vol. 3, no. 3, Mar. 1961.

MUKOMOL'NO-ELEVATORNAIA PROMYSHLENNOST' [FLOUR MILLING AND GRAIN STORAGE]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po khleboproduktam [State Committee of the Council of Ministers of the U. S. S. R. for Cereal Products]. Moscow, vol. 27, nos. 5-6, May-June 1961.

SVAROCHNOE PROIZVODSTVO [WELDING PRACTICE]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U. S. S. R.] and others. Moscow, nos. 6-7, June-July 1961.

ZHURNAL MOD [FASHION MAGAZINE]. Issued by Vsesoiuznyi institut assortimenta izdelii legkoi promyshlennosti i kul'tury odezhdy [All-Union Institute of Manufactures and Fashions]. Moscow, vol. 17, no. 2(64), 1961.

g. MECHANICAL ENGINEERING

AKADEMIIA NAUK SSSR. Izvestiia. Otdelenie tekhnicheskikh nauk. Mekhanika i mashinostroenie [ACADEMY OF SCIENCES OF THE U. S. S. R. Bulletin. Department of Technological Sciences. Mechanics and Machine Building]. Moscow, no 3, May-June 1961

AKADEMIIA NAUK SSSR. Institut mashinovedeniia. Trudy. Seminar po teorii mashin i mekhanizmov [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of Mechanical Engineering. Transactions. Seminar on the Theory of Machines and Mechanisms]. Moscow, vol. 21, no. 83-84, 1961.

AKADEMIIA NAUK SSSR. Institut mekhaniki. Inzhenernyi sbornik [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of Mechanics. Engineering Review] Moscow, vol 31, 1961.

AKADEMIIA NAUK SSSR. Sibirskoe otdelenie. Transportno-energeticheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Siberian Department. Transportation and Power Institute. Transactions]. Novosibirsk, no. 11, 1960.

AKADEMIIA NAVUK BSSR, Minsk. Fizika-tekhnichny instytut. Sbornik navuchnykh trudov [ACADEMY OF SCIENCES OF THE WHITE RUSSIAN S. S. R. Institute of Technological Physics. Collected Scientific Papers]. Minsk, no. 6, 1960

AVTOMOBIL'NAIA PROMYSHLENNOST' [AUTOMOBILE INDUSTRY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu [State Committee of the Council of Ministers of the U. S. S. R. for Automation and Machinery Manufacture]. Moscow, vol. 27, no. 6, June 1961

ELEKTRICHESKAIA I TEPLOVOZNAIA TIAGA [ELECTRIC AND DIESEL LOCOMOTIVE TRACTION]. Issued by Ministerstvo putei soobshcheniia SSSR [Ministry of Railroad Transportation of the U. S. S. R.]. Moscow, vol. 5, nos 3(51)-4(52), Mar.-Apr. 1961

KUZNECHNO-SHTAMPOVOCHNOE PROIZVODSTVO [FORGING AND STAMPING] Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu and Nauchno-tekhnicheskoe obshchestvo mashinostroitel'noi promyshlennosti [State Committee of the Council of Ministers of the U. S. S. R. for Automation and Machinery Manufacture and of the Scientific Technological Society of the Machinery Industry]. Moscow, vol. 3, nos 3, 6-7, Mar., June-July, 1961

MASHINOSTROITEL' [MACHINE BUILDER] Organ of Nauchno-tekhnicheskoe obshchestvo mashinostroitel'noi promyshlennosti [Scientific-Technological Society of the Machinery Manufacturing Industry] Moscow, no. 6, June 1961.

MEKHANIKA, periodicheskii sbornik perevodov inostrannykh statei [MECHANICS; Translations of Foreign Articles]. Issued by Izd-vo inostrannoi lit-ry [Publishing House of Foreign Literature]. Moscow, vol. 12, no. 3(67), 1961.

MEKHANIZATSHA I AVTOMATIZATSHA PROIZVODSTVA [MECHANIZATION AND AUTOMATION OF PRODUCTION]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U. S. S. R.]. Moscow, vol. 15, no. 6, June 1961.

*PRIBOROSTROENIE [INSTRUMENT MANUFACTURE]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva priborostroitel'noi promyshlennosti [State Committee of the Council of Ministers of the U. S. S. R. for Automation and Machinery Manufacture and the Central Administration of the Scientific Technological Society of the Instrument Industry]. Moscow, nos. 6-7, June-July 1961.

PRYKLADNA MEKHANIKA [APPLIED MECHANICS]. Issued by Instytut budivel'noi mekhaniky Akademii nauk URSR [Institute of Structural Mechanics of the Academy of Sciences of the Ukrainian S. S. R.]. Kiev, vol. 7, no. 3, 1961. [In Ukrainian with summaries in Russian and English.]

REFERATIVNYI ZHURNAL: MASHINOSTROENIE [JOURNAL OF ABSTRACTS: MACHINERY MANUFACTURE]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 12-14, June-July 1961.

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; mashinostroenie [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Machine Building] Moscow, no. 4, 1961.

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, priborostroenie [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Instrument Manufacture]. Moscow, vol.4, no 3, 1961.

STANKI I INSTRUMENT [MACHINE TOOLS AND THEIR CUTTING TOOLS]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva mashinostroitel'noi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture and the Central Administration of the Scientific Technological Society of the Machinery Industry]. Moscow, vol.32, nos.6-7, June-July 1961.

STROITEL'NYE I DOROZHNYE MASHINY [ROAD AND CONSTRUCTION MACHINERY]. Issued by Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu [State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture]. Moscow, vol.6, no.5, May 1961.

TRAKTORY I SEL'KHOZMASHINY [TRACTORS AND AGRICULTURAL MACHINERY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu [State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture]. Moscow, vol.31, nos.6-7, June-July 1961.

*VESTNIK MASHINOSTROENIIA [MACHINE BUILDING REVIEW] Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R.]. Moscow, vol.41, nos.6-7, June-July 1961.

h MINING & METALLURGY

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Izvestiia, Seriia metallurgii, obogashchenila i ogneuporov [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Bulletin, Series in Metallurgy, Concentration, and Refractories]. Alma-Ata, no.1(10), 1961.

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Altaiskii gornometallurgicheskii nauchno-issledovatel'skii institut. Trudy [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Altai Scientific Research Institute of Mining and Metallurgy. Transactions]. Alma-Ata, vol.9, 1960.

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Institut gornogo dela. Trudy [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Institute of Mining. Transactions]. Vol.7, 1960.

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Institut metallurgii i obogashchenila. Trudy [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Institute of Metallurgy and Ore Dressing. Transactions]. Alma-Ata, vol.3, 1960.

AKADEMIIA NAUK SSSR. Sibirskoe otdelenie. Khimiko-metallurgicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Siberian Department. Chemicometallurgical Institute. Transactions]. Novosibirsk, no.15, 1960.

AKADEMIIA NAUK SSSR. Zapadno-Sibirskii filial, Novosibirsk. Khimiko-metallurgicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. West Siberian Branch. Chemicometallurgical Institute. Transactions]. Novosibirsk, no.12, 1958.

AKADEMIIA NAUK URSR, Kiev. Instytut geologii korysnykh kopalyn, Lvov. Pratsi [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Institute of the Geology of Mineral Deposits. Transactions]. Kiev, no.1, 1959. [In Ukrainian.]

*FIZIKA METALLOV I METALLOVEDENIE [THE PHYSICS OF METALS AND PHYSICAL METALLURGY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Sverdlovsk, vol.11, no.6, June 1961.

* GEOLOGIIA NEFTI I GAZA [THE GEOLOGY OF PETROLEUM AND GAS]. Issued by Ministerstvo geologii i okhrany nedr SSSR and Glavnoe upravlenie gazovoi promyshlennosti pri Sovete Ministrov SSSR [The Ministry of Geology and the Conservation of Mineral Resources of the U.S.S.R. and the Main Administration of the Gas Industry, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol.5, no.6, June 1961.

GEOLOGIIA RUDNYKH MESTOROZHDENII [GEOLOGY OF ORE DEPOSITS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, no.3, May-June 1961.

GORNYI ZHURNAL [MINING JOURNAL]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R.] and others. Moscow, no.4, Apr., 1960, nos.5-6, May-June 1961.

LITEINOE PROIZVODSTVO [FOUNDRY PRACTICE]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR, Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu, and Nauchno-tekhnicheskoe obshchestvo mashinostroitel'noi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R., State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture, and the Scientific Technological Society of the Machine-Building Industry]. Moscow, nos.3,6, Mar., June 1961.

*METALLOVEDENIE I TERMICHESKAIA OBRABOTKA METALLOV [METALS AND HEAT TREATMENT OF METALS]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva mashinostroitel'noi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture and the Central Administration of the Scientific Technological Society of the Machinery Industry]. Moscow, nos.3,6-7, Mar., June-July 1961.

* METALLURG [METALLURGIST]. Issued by Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TsK Profsoiuza rabochikh metallurgicheskoi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. and the Central Committee of Trade Unions of Workers in the Metallurgical Industry]. Moscow, vol.6, no.7, July 1961.

MOSCOW. GORNYI INSTITUT. Nauchnye trudy [MINING INSTITUTE. Studies]. No.27, 1959.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII GEOLOGORAZVEDOCHNYI NEFTIANOI INSTITUT. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF PETROLEUM GEOLOGY AND PROSPECTING. Transactions]. No.15, 1959.

NEFTIANOE KHOZIAISTVO [PETROLEUM INDUSTRY]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva neftianoi i gazovoi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. and the Central Administration of the Scientific Technological Society of the Petroleum and Gas Industry]. Moscow, vol.39, nos.4,7, Apr., July 1961.

OGNEUPORY [REFRACTORIES]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva chernoi metallurgii [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. and the Central Administration of the Scientific Technological Society of Ferrous Metallurgy]. Moscow, vol.26, no.6, 1961.

PRIKLADNAIA GEOFIZIKA [APPLIED GEOPHYSICS]. Issued by Nauchno-issledovatel'skii institut geofizicheskikh metodov razvedki [Scientific Research Institute of Geophysical Prospecting Methods]. Moscow, no.29, 1961.

PROBLEMY SOVREMENNOI METALLURGII; sborniki perevodov i obzorov inostrannoi periodicheskoi literatury [PROBLEMS OF CONTEMPORARY METALLURGY; Translations and Surveys of Foreign Periodical Literature]. Moscow, vol.10, no.3(57), 1961.

RAZVEDKA I OKHRANA NEDR [PROSPECTING AND CONSERVATION OF MINERAL RESOURCES]. Organ of Ministerstvo geologii i okhrany nedr SSSR [Ministry of Geology and Conservation of Mineral Resources of the U.S.S.R.]. Moscow, vol.26, no.2, Feb. 1960.

REFERATIVNYI ZHURNAL. GORNOE DELO [JOURNAL OF ABSTRACTS: MINING]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos.6-7, June-July 1961.

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; chernaia metallurgiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Ferrous Metallurgy]. Moscow, vol.4, nos.6-6, 1961.

RUSS[illegible] srednego uchebnyi Higher of the In Prospecting]. Moscow, vol [illegible], no.12, 1959; vol.4, nos 2-5, Feb.-May 1961.

RUSSIA (19[illegible] srednego uchebnyi Higher of the In Moscow, no 4, 1961.

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, tsvetnaia metallurgiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Nonferrous Metallurgy]. Moscow, vol.4, no.2, 1961.

SHAKHTNOE STROITEL'STVO [MINE CONSTRUCTION]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, vol.5, nos.5-6, May-June 1961

* STAL' [STEEL]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva chernoi metallurgii [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. and the Central Administration of the Scientific Technological Society of Ferrous Metallurgy]. Moscow, vol.21, no.3, Mar. 1961.

STROITEL'STVO TRUBOPROVODOV [PIPELINE CONSTRUCTION]. Issued by Glavnoe upravlenie gazovoi promyshlennosti pri Sovete Ministrov SSSR [Main Administration of the Gas Industry, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol.6, no.4, Apr. 1961.

* TSVETNYE METALLY [NONFERROUS METALS]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva tsvetnoi metallurgii [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. and the Central Administration of the Scientific Technological Society of Nonferrous Metallurgy]. Moscow, vol.34, nos.2,6, Feb., June 1961.

VOPROSY PROIZVODSTVA STALI [PROBLEMS OF STEEL PRODUCTION]. Issued by Vidail tekhnichnykh nauk Akademii nauk URSR [Department of Technological Sciences of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, no 8, 1961.

VSESOIUZNYI NEFTEGAZOVYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF PETROLEUM AND NATURAL GAS. Transactions]. Moscow, no.10, 1957.

*ZAVODSKAIA LABORATORIIA [THE FACTORY LABORATORY]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R.]. Moscow, vol.27, no.6, 1961.

17. MILITARY & NAVAL SCIENCES

a. MILITARY SCIENCE

KOMMUNIST VOORUZHENNYKH SIL [COMMUNIST OF THE ARMED FORCES]. Issued by Glavnoe politicheskoe upravlenie Sovetskoi Armii i Voenno-Morskogo Flota [Main Political Administration of the Soviet Army and Navy]. Moscow, vol.1, no.14, July 1961.

NASHA PEREKLICHKA [OUR ROLL CALL]. New York, vol.1, no.11(11), Dec. 1960; vol.2, nos.17(117)-18(118), June-July 1961.

RODIMYI KRAI [NATIVE LAND]. Issued by Donskoe voiskovoe ob"edinenie [Don Cossack Association]. Paris, nos.32,34, Jan.-Feb., May-June 1961.

SOVETSKII VOIN [SOVIET SOLDIER]. Issued by Glavnoe politicheskoe upravlenie Sovetskoi Armii i Voenno-Morskogo Flota [Main Political Administration of the Soviet Army and Navy]. Moscow, vol.43, nos.7(931), 9(933)-12(936), Apr.-June 1961.

TYL I SNABZHENIE SOVETSKIKH VOORUZHENNYKH SIL [THE REAR AND SUPPLY OF SOVIET ARMED FORCES]. Issued by Ministerstvo oborony SSSR [Ministry of Defense of the U.S.S.R.]. Moscow, vol.21, nos.1-3, Jan.-Mar. 1961.

VESTNIK VOZDUSHNOGO FLOTA [REVIEW OF THE AIR FORCE]. Issued by Upravlenie Voenno-Vozdushnykh Sil [Administration of the Air Force]. Moscow, no. 3, Mar. 1961.

VOENNYE ZNANIIA [MILITARY KNOWLEDGE]. Organ of Vsesoiuznoe dobrovol'noe obshchestvo sodeistviia armii, aviatsii i flotu [All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, vol. 37, nos. 6-7 June-July 1961.

b NAVAL SCIENCE

ASSOCIATION OF RUSSIAN IMPERIAL NAVAL OFFICERS IN AMERICA, New York. [Bulletin]. OBSHCHESTVO OFITSEROV ROSSIISKAGO IMPERATORSKAGO FLOTA V AMERIKE. Biulleten'. New York, no. 1(94), May 1961.

MORSKIIA ZAPISKI. THE NAVAL RECORDS. Issued by Obshchestvo ofitserov Rossiiskago imperatorskago flota v Amerike [Association of Russian Imperial Naval Officers in America, Inc.]. New York, vol. 19, no. 1/2(54), June 1961.

MORSKOI FLOT [THE MERCHANT MARINE]. Organ of Ministerstvo morskogo flota SSSR [Ministry of the Merchant Marine of the U. S. S. R.]. Moscow, vol. 21, nos. 1-3, 6, Jan.-Mar., June 1961.

SUDOSTROENIE [SHIPBUILDING]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po sudostroeniiu and Nauchno-tekhnicheskoe obshchestvo sudostroitel'noi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. for Shipbuilding and the Scientific Technological Society of the Shipbuilding Industry]. Leningrad, vol. 27, nos. 5-6, May-June 1961.

PART C

List of Periodicals Indexed and Abbreviations Used

† Titles listed for the first time

Agitator (6)	Agitator [Agitator]
Annot.ukaz.lit. po radioelek. (16a)	Annotirovannyi ukazatel' literatury po radioelektronika [Annotated Bibliography on Electronics]†
Arkh anat, gist, i embr (13c)	Arkhiv anatomii, gistologii i embriologii [Archives of Anatomy, Histology, and Embryology]
Arkh. pat. (14e)	Arkhiv patologii [Archives of Pathology]
Arkheol.sbor. (4b)	† Arkheologicheskii sbornik [Archaeological Papers]
Arkhit. SSSR (10b)	Arkhitektura SSSR [Architecture of the U.S.S.R.]
Akush.i gin. (14b)	Akusherstvo i ginekologiia [Obstetrics and Gynecology]
Akust zhur. (13f)	Akusticheskii zhurnal [Journal of Acoustics]
Antibiotiki (14f)	Antibiotiki [Antibiotics]
Astron. zhur. (13b)	Astronomicheskii zhurnal [Journal of Astronomy]
Atom. energ. (16e)	Atomnaia energiia [Atomic Energy]
Avt. dor. (16d)	Avtomobil'nye dorogi [Highways]
Avt. prom. (16g)	Avtomobil'naia promyshlennost' [Automobile Industry]
Avtom.i telem. (16e)	Avtomatika i telemekhanika [Automatic and Remote Control]
Avtom., telem, i sviaz' (16e)	Avtomatika, telemekhanika i sviaz' [Automatic Control, Remote Control, and Communications]
Avtom. upr, i vych. tekh. (13e)	Avtomaticheskoe upravlenie i vychislitel'naia tekhnika [Automatic Control and Computers]
Avtomatyka (16e)	Avtomatyka [Automatic Control]. In Ukrainian.
Az i Afr. segodnia (1b)	† Azila i Afrika segodnia [Asia and Africa Today]
Azerb. med. zhur. (14a)	Azerbaichan tibb zhurnaly. Azerbaidzhanskii meditsinskii zhurnal [Azerbaijan Medical Journal]. Parallel text in Azerbaijani and Russian.
Bet. i zhel.-bet. (16d)	Beton i zhelezobeton [Concrete and Reinforced Concrete]
Bezop. truda v prom. (5d)	Bezopasnost' truda v promyshlennosti [Industrial Safety]
Bibliot. SSSR (2b)	Biblioteki SSSR [Libraries of the U.S.S.R.]
Bibliotekar' (2b)	Bibliotekar' [The Librarian]
Biofizika (13c)	Biofizika [Biophysics]
Biokhim. pl. i ovoshch (13c)	Akademiia nauk SSSR. Institut biokhimii. Biokhimiia plodov i ovoshchei [Academy of Sciences of the U.S.S.R. Institute of Biochemistry. Biochemistry of Fruit and Vegetables]
Biokhimiia (13c)	Biokhimiia [Biochemistry]
Biul. Gos. kom.	† Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po da i zarabotnoi platy. Biulleten' [State ms of Labor and Wages. Bulletin] ulletin on Inventions]
	nissiia po kometam i meteoram. Sciences of the U.S.S.R. id Meteors. Bulletin]
	ıytatelei prirody. Biulleten'. scow Naturalists' Society. tion]
	ıytatelei prirody. Biulleten'. scow Naturalists' Society. tion]
	tsii: trud i zarabotnaia plata ormation: Labor and Wages]
	ıyo-doslidchyi instytut lisovoho eliforatsii. Biulleten' nauchno- [Ukrainian Scientific Re- try and Land Improvement ulletin of Scientific and
	anograficheskaia komissiia. Sciences of the U.S.S.R. ion. Bulletin]
	tut russkoi literatury. Ruko- [Academy of Sciences of the ssian Literature (Formerly script Division. Bulletins]
Biul. stroi. tekh. (16d)	Biulleten' stroitel'noi tekhniki [Bulletin of Construction Engineering]
Biul. tekh.-ekon. inform. (16a)	Moscow. TSentral'nyi institut tekhniko-ekonomicheskoi informatsii. Biulleten' tekhniko-ekonomicheskoi informatsii [Central Institute of Technical and Economic Information. Bulletin of Technical and Economic Information]
Biul. VAGO (13b)	Vsesoiuznoe astronomo-geodezicheskoe obshchestvo. Biulleten' [All-Union Astronomical-Geodetic Society Bulletin]
Bot. zhur. (13c)	Botanicheskii zhurnal [Botanical Journal]
Den. i kred. (5c)	Den'gi i kredit [Money and Credit]
Dokl. AN Azerb. SSR (13a)	Akademiia nauk Azerbaidzhanskoi SSR, Baku. Doklady [Academy of Sciences of the Azerbaijan S.S.R. Reports]
Dokl. AN SSSR (13a)	Akademiia nauk SSSR. Doklady [Academy of Sciences of the U.S.S.R. Reports]
Dokl. TSKhA (15a)	Moscow. Moskovskaia sel'skokhoziaistvennaia *akademiia* im. Timiriazeva. Doklady [Timiriazev Agricultural Academy of Moscow. Reports]
Dop. AN URSR (13a)	Akademiia nauk URSR, Kiev. Dopovidi [Academy of Sciences of the Ukrainian S.S.R. Reports]. In Ukrainian.
Dosl. z lit. ta mov. (11b)	† Kiev. Universytet. Filologichnyi fakul'tet. Doslidzhennia z literaturoznavstva ta movoznavstva [University. Philological Faculty. Studies in Literature and Language]. In Ukrainian.
Ekon. Rad. Ukr. (5b)	Ekonomika Radians'koi Ukrainy [Economics of the Ukraine]. In Ukrainian.
Ekon. sel'khoz. (15a)	Ekonomika sel'skogo khoziaistva [Economics of Agriculture]
Ekon. stroi. (5b)	Ekonomika stroitel'stva [Economics of Construction]
Eksper. khir. (14h)	Eksperimental'naia khirurgiia [Experimental Surgery]
Elek. i tepl. tiaga (16g)	Elektricheskaia i teplovoznaia tiaga [Electric and Diesel Locomotive Traction]
Elektrosviaz' (16e)	Elektrosviaz' [*Telecommunication*]
Ent. obozr. (13c)	Entomologicheskoe obozrenie [Entomological Review]
Farm. i toks. (14f)	Farmakologiia i toksikologiia [Pharmacology and Toxicology]
Farmatsev. zhur. (14f)	Farmatsevtychnyi zhurnal [Pharmaceutical Journal]. In Ukrainian]
Fin. SSSR (5c)	Finansy SSSR [Finance of the U.S.S.R.]
Fiz. met. i metallored. (16h)	Fizika metallov i metallovedenie [The Physics of Metals and Physical Metallurgy]
Fiz. tver. tela (13f)	Fizika tverdogo tela [Solid State Physics]
Fiziol zhur (13c)	Fiziologicheskii zhurnal SSSR [Physiological Journal of the U.S.S.R.]
Geod. i kart. (13b)	Geodeziia i kartografiia [Geodesy and Cartography]
Geokhimiia (12c)	Geokhimiia [Geochemistry]
Geol. i geofiz. (12c)	Geologiia i geofizika [Geology and Geophysics]
Geol. mest. red. elem. (12c)	Geologiia mestorozhdenii redkikh elementov [Geology of Rare-Element Deposits]
Geol. nefti i gaza (16h)	Geologiia nefti i gaza [The Geology of Petroleum and Gas]
Geol. rud. mestorozh. (16h)	Geologiia rudnykh mestorozhdenii [Geology of Ore Deposits]
Gidr. i mel. (15a)	Gidrotekhnika i melioratsiia [Hydraulic Engineering and Reclamation]
Gidr. stroi (16d)	Gidrotekhnicheskoe stroitel'stvo [Hydrotechnical Construction]
Gidrokhim. mat. (13d)	Gidrokhimicheskie materialy [Materials on Hydrochemistry]
Gig. i san. (14g)	Gigiena i sanitariia [Hygiene and Sanitation]
Gor. khoz. Mosk. (16d)	Gorodskoe khoziaistvo Moskvy [Municipal Economy of Moscow]
Gor. zhur. (16h)	Gornyi zhurnal [Mining Journal]

Inform. biul NIIGA (12c)	Leningrad. Nauchno-issledovatel'skii institut geologii Arktiki Informatsionnyi biulleten' [Scientific Research Institute of Arctic Geology. Information Bulletin]
Inform. biul. nov. inostr. knig. postup. v Bibl. im. V.I. Len. Ser. 1 (2a)	Moscow. Publichnaia biblioteka. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I. Lenina. Seriia 1. Fiziko-matematicheskie, khimicheskie i geologo-geograficheskie nauki; tekhnika i tekhnicheskie nauki [Public Library. Information Bulletin of New Foreign Books Received by the Lenin Library. Series 1: Physical Mathematical. Chemical and Geological. Geographical Sciences, Technology and Technological Sciences]
Inform biul nov. inostr knig, postup. v Bibl im. V I Len Ser 2 (2a)	Moscow Publichnaia biblioteka Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku iment V.I. Lenina. Seriia 2: Biologicheskie, meditsinskie i sel'skokhoziaistvennye nauki [Public Library. Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 2: Biological, Medical, and Agricultural Sciences]
Inform. biul. nov. inostr. knig, postup. v Bibl. im. V.I. Len. Ser. 3 (2a)	Moscow. Publichnaia biblioteka. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku iment V.I. Lenina. Seriia 3: Obshchestvennye nauki, khudozhestvennaia literatura, iskusstvo [Public Library. Information Bulletin of New Foreign Books Received by the Lenin Library. Series 3: Social Sciences, Belles-Lettres, Art]
Inform. ukaz. stand. (16a)	Informatsionnyi ukazatel' standartov [Information Index of Standards]
Inost lit ob Ant arktike (12b)	Inostrannaia literatura ob Antarktike [Foreign Literature on Antarctica]
Inzh. sbor. (16g)	Akademiia nauk SSSR. Institut mekhaniki. Inzhenernyi sbornik [Academy of Sciences of the U.S.S.R. Institute of Mechanics. Engineering Review]
Isk. sput. Zem. (13f)	Iskusstvennye sputniki Zemli [Artificial Earth Satellites]
Itogi nauki: Khim. nauki (13d)	Itogi nauki: Khimicheskie nauki [Achievements of Science Chemical Sciences]
IUn. tekh. (16a)	IUnyi tekhnik [Young Technician]
Izm. tekh. (16a)	Izmeritel'naia tekhnika [Measurement Techniques]
Izobr. i rats. (16a)	Izobretatel' i ratsionalizator [Inventor and Efficiency Promotor]
Izv. AN Azerb. SSR. Ser. biol. i med. nauk (13c)	Akademiia nauk Azerbaidzhanskoi SSR, Baku. Izvestiia. Seriia biologicheskikh i meditsinskikh nauk [Academy of Sciences of the Azerbaijan S.S.R. Bulletin. Series in the Biological and Medical Sciences]
Izv. AN Azerb. SSR. Ser. obshchestv. nauk (1a)	Akademiia nauk Azerbaidzhanskoi SSR, Baku. Izvestiia. Seriia obshchestvennykh nauk [Academy of Sciences of the Azerbaijan S.S.R. Bulletin. Series in the Social Sciences]
Izv. AN Kazakh. SSR. Ser. filol. i isk. (11a)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. Seriia filologii i iskusstvovedeniia [Academy of Sciences of the Kazakh S.S.R. Bulletin. Series on Philology and Art]
Izv. AN Kazakh. SSR. Ser. geol. (12c)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. Seriia geologicheskaia [Academy of Sciences of the Kazakh S.S.R. Bulletin. Geological Series]
Izv. AN Kazakh. SSR. Ser. met., obog. i ogneup. (16h)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. Seriia metallurgii, obogashchenila i ogneuporov [Academy of Sciences of the Kazakh S.S.R. Bulletin. Series in Metallurgy, Concentration, and Refractories]
Izv. AN Kir. SSR. Ser. biol. nauk (13c)	Akademiia nauk Kirgizskoi SSR, Frunze. Izvestiia. Seriia biologicheskikh nauk [Academy of Sciences of the Kirghiz S.S.R. Bulletin. Series in Biological Sciences]
Izv. AN SSSR. Otd. khim. nauk (13d)	Akademiia nauk SSSR. Izvestiia. Otdelenie khimicheskikh nauk [Academy of Sciences of the U.S.S.R. Bulletin. Department of Chemical Sciences]
Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. (16g)	Akademiia nauk SSSR. Izvestiia. Otdelenie tekhnicheskikh nauk. Mekhanika i mashinostroenie [Academy of Sciences of the U.S.S.R. Bulletin. Department of Technological Sciences. Mechanics and Machine Building]
Izv. AN SSSR. Ser. fiz. (13f)	Akademiia nauk SSSR. Izvestiia. Seriia fizicheskaia [Academy of Sciences of the U.S.S.R. Bulletin. Physical Series]
Izv. AN SSSR. Ser. geofiz. (13f)	Akademiia nauk SSSR. Izvestiia. Seriia geofizicheskaia [Academy of Sciences of the U.S.S.R. Bulletin. Geophysical Series]
Izv. AN SSSR. Ser. geol. (12c)	Akademiia nauk SSSR. Izvestiia. Seriia geologicheskaia [Academy of Sciences of the U.S.S.R. Bulletin. Geological Series]
Izv. AN SSSR. Ser mat. (13e)	Akademiia nauk SSSR. Izvestiia. Seriia matematicheskaia [Academy of Sciences of the U.S.S.R. Bulletin. Mathematical Series]
Izv. AN Uz. SSR. Ser. tekh. nauk (16a)	Akademiia nauk Uzbekskoi SSR. Tashkent. Izvestiia. Seriia tekhnicheskikh nauk [Academy of Sciences of the Uzbek S.S.R. Bulletin. Series in the Technical Sciences]
Izv. Bat. bot. sada (13c)	↓Batumskii botanicheskii sad. Izvestiia [Batumi Botanical Garden. Bulletin]
Izv. Sib. otd. AN SSSR (1a)	Akademiia nauk SSSR. Sibirskoe otdelenie. Izvestiia [Academy of Sciences of the U.S.S.R. Siberian Branch. Bulletin]
Izv. Tomsk. otd. VBO (13c)	↓Vsesoiuznoe botanicheskoe obshchestvo. Tomskoe otdelenie. Izvestiia [All-Union Botanical Society. Tomsk Branch. Bulletin]
Izv. vys. ucheb. zav.; chern. met. (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; chernaia metallurgiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Ferrous Metallurgy]
Izv. vys. ucheb. zav.; geod i aerof. (13b)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; geodeziia i aerofotos"emka [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Geodesy and Aerial Photography]
Izv. vys. ucheb. zav.; geol. i razv. (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; geologiia i razvedka [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Geology and Prospecting]
Izv. vys. ucheb. zav., gor. zhur. (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, gornyi zhurnal [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Mining Journal]
Izv. vys. ucheb. zav.; khim. i khim. tekh. (13d)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, khimiia i khimicheskaia tekhnologiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Chemistry and Chemical Technology]
Izv. vys. ucheb. zav.; les. zhur. (15c)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; lesnoi zhurnal [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Forestry Journal]
Izv. vys. ucheb. zav., mashinostr. (16g)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; mashinostroenie [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Machine Building]
Izv. vys. ucheb. zav.; prav. (7)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, pravovedenie [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Jurisprudence]
Izv. vys. ucheb. zav., prib. (16g)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, priborostroenie [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Instrument Manufacture]
Izv. vys. ucheb. zav., tsvet. met. (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; tsvetnaia metallurgiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Nonferrous Metallurgy]
Kauch. i rez. (16c)	Kauchuk i rezina [Crude and Vulcanized Rubber]
Khim. i tekh. topl. i masel (13c)	Khimiia i tekhnologiia topliv i masel [Chemistry and Technology of Fuel and Oil]
Khim. prom. (16c)	Khimicheskaia promyshlennost' [Chemical Industries]
Khim. sera-i azotorg. soed. sod. v neft. i nefteprod. (13d)	↓Khimiia sera-i azotorganicheskikh soedinenii, soderzhashchikhsia v neftiakh i nefteproduktakh. [Chemistry of Sulphur and Nitrogen Organic Compounds Contained in Petroleums and Petroleum Products]
Khim. v shkole (13d)	Khimiia v shkole [Chemistry in Schools]
Khim. volok. (16c)	Khimicheskie volokna [Synthetic Fibers]
Kin. i kat. (13d)	Kinetika i kataliz [Kinetics and Catalysis]
Knizh. let. (2a)	Knizhnaia letopis' [Book Chronicle]
Komm. Bel. (6)	Kommunist Belorussii [Communist of White Russia]
Komm. Ukr. (6)	Kommunist Ukrainy [Communist of the Ukraine]
Komm. Vooruzh. Sil (17a)	Kommunist Vooruzhennykh Sil [Communist of the Armed Forces]
Kommunist (6)	Kommunist [Communist]
Komsom. zhizn' (6e)	Komsomol'skaia zhizn' [Life of Communist Youth]
Kozh. -obuv. prom (16f)	Kozhevenno-obuvnaia promyshlennost' [Leather and Footwear Industry]
Kryl. rod. (16b)	Kryl'ia rodiny [Wings of the Motherland]
Kuz. -shtam. proizv. (16g)	Kuznechno-shtampovochnoe proizvodstvo [Forging and Stamping]
Lab. delo (14c)	Laboratornoe delo [Laboratory Work]
Lakokras. mat. i ikh prim. (16c)	Lakokrasochnye materialy i ikh primenenie [Lacquer and Paint Materials and Their Use]
Les. prom. (15c)	Lesnaia promyshlennost' [Forest Industries]
Let. izobr. isk. (10a)	Letopis' izobrazitel'nogo iskusstva [Chronicle of Fine Arts]
Let. muz. lit. (9b)	Letopis' muzykal'noi literatury [Chronicle of Musical Literature]
Let. rets. (2a)	Letopis' retsenzii [Chronicle of Reviews]
Let. zhur. st. (2a)	Letopis' zhurnal'nykh statei [Chronicle of Periodical Articles]
Lit. proizv. (16h)	Liteinoe proizvodstvo [Foundry Practice]
Mashinostroitel' (16g)	Mashinostroitel' [Machine Builder]

Masl.-zhir. prom. (16c)	Maslobolno-zhirovaia promyshlennost' [Oils and Fats Industry]
Mat. i issl. po arkheol. (4b)	Materialy i issledovaniia po arkheologii SSSR [Materials and Research in the Archaeology of the U.S.S.R.]
Mat. nauch.-issl. rab. Vses. nauch.-issl. inst. ekon. sel'khoz. (5b)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut ekonomiki sel'skogo khoziaistva. Materialy nauchno-issledovatel'skikh rabot [All-Union Scientific Research Institute of Agricultural Economics. Materials of Scientific Research Work]
Mat. VSEGEI. Ob. ser. (12c)	Leningrad. Vsesoiuznyi geologicheskii institut. Materialy Obshchaia seriia [All-Union Geological Institute. Materials: General Series]
Matematika (13a)	Matematika; periodicheskii sbornik perevodov inostrannykh statei [Mathematics; Translations of Foreign Articles]
Med. prom. (14f)	Meditsinskaia promyshlennost' SSSR [Medical Supplies Industry of the U.S.S.R.]
Med. ref. zhur. (14a)	Meditsinskii referativnyi zhurnal [Medical Abstracts]
Med. sestra (14g)	Meditsinskaia sestra [Medical Nurse]
Med. zhur. Uzb. (14a)	Meditsinskii zhurnal Uzbekistana [Medical Journal of Uzbekistan]
Mekh. i avtom. proizv. (16g)	Mekhanizatsiia i avtomatizatsiia proizvodstva [Mechanization and Automation of Production]
Mekh. i elek. sots. sel'khoz. (15a)	Mekhanizatsiia i elektrifikatsiia sotsialisticheskogo sel'skogo khoziaistva [Mechanization and Electrification of Socialist Agriculture]
Mekh. sil'. hosp. (15a)	Mekhanizatsiia sel'skoho hospodarstva [Mechanization of Agriculture]. In Ukrainian.
Mekh. stroi. (16d)	Mekhanizatsiia stroitel'stva [Mechanization of Construction]
Mekhanika (13g)	Mekhanika; periodicheskii sbornik perevodov inostrannykh statei [Mechanics; Translations of Foreign Articles]
Metalloved. i term. obr. met. (16h)	Metallovedenie i termicheskaia obrabotka metallov [Metals and Heat Treatment of Metals]
Metallurg (16h)	Metallurg [Metallurgist]
Meteor. i gidrol. (13f)	Meteorologiia i gidrologiia [Meteorology and Hydrology]
Mezhdunar. zhizn' (6)	Mezhdunarodnaia zhizn' [International Life]
Mikrobiologiia (13c)	Mikrobiologiia [Microbiology]
Mont. i spets. rab. v stroi. (16d)	Montazhnye i spetsializirovannye raboty v stroitel'stve [Assembling and Specialized Operations in Construction]
Mor. flot (17b)	Morskoi flot [The Merchant Marine]
Moskva (11b)	Moskva [Moscow]
Muk.-elev. prom. (16f)	Mukomol'no-elevatornaia promyshlennost' [Flour Milling and Grain Storage]
NTO (16a)	Nauchno-tekhnicheskie obshchestva SSSR [Scientific Technological Societies of the U.S.S.R.]
Na stroi. Ros. (16d)	Na stroikakh Rossii [At Russian Construction Projects]. Organ of Gosudarstvennyi komitet Soveta Ministrov RSFSR po delam stroitel'stva [State Committee of the Council of Ministers of the R.S.F.S.R.].
Nar. khoz. Kazakh. (5b)	Narodnoe khoziaistvo Kazakhstana [The National Economy of Kazakhstan]
Nar. obr. (8a)	Narodnoe obrazovanie [Public Education]
Nauch. inform. po ekon. i stat. (5b)	Akademiia nauk SSSR. Sibirskoe otdelenie. Laboratoriia po primeneniiu statisticheskikh i matematicheskikh metodov v ekonomike. Nauchnaia informatsiia po ekonomike i statistike [Academy of Sciences of the U.S.S.R. Siberian Department. Laboratory for the Application of Statistical and Mathematical Methods in Economics. Scientific Information on Economics and Statistics]
Nauch. soob. Dnepr. inzh.-stroi. inst. (16d)	Dneprpetrovsk. Inzhenerno-stroitel'nyi institut. Nauchnoe soobshchenie [Civil Engineering Institute. Scientific Report]
Nauch. soob. TSNIISK (16d)	Akademiia stroitel'stva i arkhitektury SSSR. Institut stroitel'nykh konstruktsii. Nauchnoe soobshchenie [Academy of Construction and Architecture of the U.S.S.R. Institute of Construction Design. Scientific Report]
Nauch. trudy MGI (16h)	Moscow. Gornyi institut. Nauchnye trudy [Mining Institute. Studies]
Nauka i zhizn' (13a)	Nauka i zhizn' [Science and Life]
Neft. khoz. (16h)	Neftianoe khoziaistvo [The Petroleum Industry]
Nov. inostr. ekon. lit. (5b)	Novaia inostrannaia ekonomicheskaia literatura [New Foreign Economic Literature]
Nov. inostr. lit. po filos. (3a)	Novaia inostrannaia literatura po filosofii [New Foreign Literature on Philosophy]
Nov. inostr. lit. po iaz. (11a)	Novaia inostrannaia literatura po iazykoznaniiu [New Foreign Literature in Linguistics]
Nov. inostr. lit. po ist., arkheol. i etn. (4a)	Novaia inostrannaia literatura po istorii, arkheologii i etnografii [New Foreign Literature on History, Archaeology and Ethnography]
Nov. inostr. lit. po lit. (11b)	Novaia inostrannaia literatura po literaturovedeniiu [New Foreign Literature on the Study of Literature]
Nov. knigi (2a)	Novye knigi [New Books]
Nov. knigi za rub. Ser. A (13a)	Novye knigi za rubezhom. Seriia A. Matematika, mekhanika, astronomiia, fizika, geofizika, khimiia, geologiia [New Foreign Books. Series A: Mathematics, Mechanics, Astronomy, Physics, Geophysics, Chemistry, Geology]
Nov. knigi za rub. Ser. B. (16a)	Novye knigi za rubezhom. Seriia B: Tekhnika [New Foreign Books. Series B: Technology]
Nov. knigi za rub. po obshchestv. naukam; ekon., filos., ist., mezhdunar. otn. (2a)	Novye knigi za rubezhom po obshchestvennym naukam; ekonomika, filosofiia, istoriia, mezhdunarodnye otnosheniia [New Foreign Books on the Social Sciences; Economics, Philosophy, History, International Relations]
Nov. lit. o nauke i nauch.-issl. rab. za rub. (2a)	Novaia literatura o nauke i nauchno-issledovatel'skoi rabote za rubezhom [New Literature on Science and Research Abroad]
Nov. lit. po evrop. stran. nar. dem.: Rum. (2a)	Novaia literatura po evropeiskim stranam narodnoi demokratii: Rumyniia [New Literature on European People's Democracies: Rumania]
Nov. lit. po evrop. stran. nar. dem. Veng (2a)	Novaia literatura po evropeiskim stranam narodnoi demokratii Vengriia [New Literature on European People's Democracies: Hungary]
Nov. lit. po evrop stran. nar. dem. i slav.: Bolg (2a)	Novaia literatura po evropeiskim stranam narodnoi demokratii i slavianovedeniiu: Bolgariia [New Literature on European People's Democracies and Slavic Studies: Bulgaria]
Nov. lit. po evrop. stran. nar. dem i slav.: Chekh (2a)	Novaia literatura po evropeiskim stranam narodnoi demokratii i slavianovedeniiu, Chekhoslovakiia [New Literature on European People's Democracies and Slavic Studies: Czechoslovakia]
Nov. lit. po evrop. stran. nar. dem. i slav.: Pol'. (2a)	Novaia literatura po evropeiskim stranam narodnoi demokratii i slavianovedeniiu: Pol'sha [New Literature on European People's Democracies and Slavic Studies: Poland]
Nov. lit. po IUg. (2a)	Novaia literatura po IUgoslavii [New Literature on Yugoslavia]
Nov. sov. ekon. lit. (5b)	Novaia sovetskaia ekonomicheskaia literatura [New Soviet Economic Literature]
Nov. sov. i inostr. lit po stran zarub. Vost (2a)	Novaia sovetskaia i inostrannaia literatura po stranam zarubezhnogo Vostoka [New Soviet and Foreign Literature on the Countries of the Non-Soviet East]
Nov. sov. lit. o nauke i nauch.-issl. rab. v SSSR (2a)	Novaia sovetskaia literatura o nauke i nauchno-issledovatel'skoi rabote v SSSR [New Soviet Literature on Science and General Research in the U.S.S.R.]
Nov. sov. lit. po filos. (3a)	Novaia sovetskaia literatura po filosofii [New Soviet Literature on Philosophy]
Nov. sov. lit. po ist., arkheol. i etn. (4a)	Novaia sovetskaia literatura po istorii, arkheologii i etnografii [New Soviet Literature on History, Archaeology, and Ethnography]
Nov. sov. lit. po lit (11b)	Novaia sovetskaia literatura po literaturovedeniiu [New Soviet Literature on the Study of Literature]
Nov. tov. (5a)	Novye tovary; informatsionnyi biulleten' [New Consumer Goods; Information Bulletin]
Nov. vrem. (6)	Novoe vremia [New Times]
Novyi mir (11b)	Novyi mir [The New World]
Obshchestv. nauki v Uz. (1a)	Obshchestvennye nauki v uzbekistane [Social Sciences in Uzbekistan]
Ogneupory (16h)	Ogneupory [Refractories]
Ornitologiia (13c)	Ornitologiia [Ornithology]
Opyt rab. bibliot. s inostr. lit. (2b)	Moscow. Vsesoiuznaia gosudarstvennaia biblioteka inostrannoi literatury. Opyt raboty bibliotek s inostrannoi literatury [All-Union State Library of Foreign Literature. Library Practices in Working With Foreign Materials]
PMTF (16a)	PMTF; zhurnal prikladnoi mekhaniki i tekhnicheskoi fiziki [PMTF; Journal of Applied Mechanics and Technical Physics].
Paleont. zhur. (12c)	Paleontologicheskii zhurnal [Paleontological Journal]
Part. zhizn' (8)	Partiinaia zhizn' [Party Life]
Pat. fiziol. i eksp. terap. (14e)	Patologicheskaia fiziologiia i eksperimental'naia terapiia [Pathological Physiology and Experimental Therapy]
Ped., akush. i gin. (14b)	Pediatriia, akusherstvo i ginekologiia [Pediatrics, Obstetrics, and Gynecology]. In Ukrainian.
Plan. khoz. (5b)	Planovoe khoziaistvo [Planned Economy]
Pochvovedenie (15a)	Pochvovedenie [Soil Science]
Poligr. proizv. (2c)	Poligraficheskoe proizvodstvo [Printing Industry]
Pozh. delo (16d)	Pozharnoe delo [Fire Fighting]
Pratsi Inst. geol. kor. kop. AN URSR (16h)	Akademiia nauk URSR, Kiev. Instytut geologii koryannykh kopalyn, Lvov. Pratsi [Academy of Sciences of the Ukrainian S.S.R. Institute of the Geology of Mineral Deposits. Transactions]
Priborostroenie (16g)	Priborostroenie [Instrument Manufacture]
Prikl. geofiz. (16h)	Prikladnaia geofizika [Applied Geophysics]
Prikl. mat. i mekh. (13a)	Prikladnaia matematika i mekhanika [Applied Mathematics and Mechanics]
Priroda (13a)	Priroda [Nature]

Probl. gemat. i perel. krovi (14e)	Problemy gematologii i pereliyaniia krovi [Problems of Hematology and Blood Transfusion]
Probl. pered. inform. (16e)	Problemy peredachi informatsii [Problems of the Transmission of Information]
Probl. psikhol. sporta (8a)	Problemy psikhologii sporta. Sbornik rabot institutov fizicheskoi kul'tury [Psychological Problems in Sports, Collected Papers of Physical Culture Institutes]
Probl. sovr. met. (16h)	Problemy sovremennoi metallurgii; sborniki perevodov i obzorov inostrannoi periodicheskoi literatury [Problems of Contemporary Metallurgy, Translations and Surveys of Foreign Periodical Literature]
Prom. aerodin. (16d)	Promyshlennaia aerodinamika [Industrial Aerodynamics]
Prom. Arm. (16a)	Promyshlennost' Armenii [Industry of Armenia]
Prom. stroi. (16d)	Promyshlennoe stroitel'stvo [Industrial Construction]
Prykl. mekh. (16g)	Prykladna mekhanika [Applied Mechanics] In Ukrainian.
Put' i put. khoz. (18d)	Put' i putevoe khoziaistvo [Railroad Tracks and Roadway Maintenance]
Radiotekh. i elektron. (16e)	Radiotekhnika i elektronika [Radio Engineering and Electronics]
Radiotekhnika (16e)	Radiotekhnika [Radio Engineering]
Razved. i okh. nedr (18h)	Razvedka i okhrana nedr [Prospecting and Conservation of Mineral Resources]
Ref. zhur.: Astron. i geod. (13b)	Referativnyi zhurnal: Astronomiia i geodeziia [Journal of Abstracts: Astronomy and Geodesy]
Ref. zhur.: Avtom. i radioelektr. (16e)	Referativnyi zhurnal: Avtomatika i radioelektronika [Journal of Abstracts: Automatic Control and Radio Engineering]
Ref. zhur.: Biol. (13c)	Referativnyi zhurnal: Biologiia [Journal of Abstracts: Biology]
Ref. sbor.: Ekon. prom. (5b)	Referativnyi sbornik: Ekonomika promyshlennosti [Journal of Abstracts: Economics of Industry]
Ref. zhur.: Elektrotekh. (16e)	Referativnyi zhurnal: Elektrotekhnika [Journal of Abstracts: Electrical Engineering]
Ref. zhur.: Elektrotekh. i energ. (16e)	Referativnyi zhurnal: Elektrotekhnika i energetika [Journal of Abstracts: Electrical Engineering and Electric Power].
Ref. zhur.: Geofiz. (13f)	Referativnyi zhurnal: Geofizika [Journal of Abstracts: Geophysics]
Ref. zhur.: Geog. (12b)	Referativnyi zhurnal: Geografiia [Journal of Abstracts: Geography]
Ref. zhur.: Gor. delo (18h)	Referativnyi zhurnal: Gornoe delo [Journal of Abstracts: Mining]
Ref. zhur.: Geol. (13c)	Referativnyi zhurnal: Geologiia [Journal of Abstracts: Geology]
Ref. zhur.: Khim. (13d)	Referativnyi zhurnal: Khimiia [Journal of Abstracts: Chemistry]
Ref. zhur.: Mashinostr. (16g)	Referativnyi zhurnal: Mashinostroenie [Journal of Abstracts: Machinery Manufacture]
Ref. zhur.: Mat. (13e)	Referativnyi zhurnal: Matematika [Journal of Abstracts: Mathematics]
Ref. zhur.: Mekh. (13f)	Referativnyi zhurnal: Mekhanika [Journal of Abstracts: Mechanics]
Ryb. khoz. (15b)	Rybnoe khoziaistvo [Fisheries]
Sakh. prom. (18c)	Sakharnaia promyshlennost' [Sugar Industry]
Sbor. instr. ukaz. (7)	Russia (1923- U.S.S.R.) Gosudarstvennyi arbitrazh. Sbornik instruktivnykh ukazanii [State Arbitration Commission. Collection of Rules]
Sbor. nauch. rab. po lepr. i derm. (14i)	Sbornik nauchnykh rabot po leprologii i dermatologii [Collected Papers on Leprology and Dermatology]
Sbor. nauch. trud. Fiz.-tekh. inst. AN BSSR (16g)	Akademiia navuk BSSR, Minsk. Fizika-tekhnichny instytut. Sbornik nauchnykh trudov [Academy of Sciences of the White Russian S.S.R. Institute of Technological Physics. Collected Scientific Papers]
Sbor. rab. po vop. elektromekh. (16e)	Akademiia nauk SSSR. Institut elektromekhaniki. Sbornik rabot po voprosam elektromekhaniki [Academy of Sciences of the U.S.S.R. Institute of Electrical Machinery and Apparatus. Papers on the Problems of Electrical Machinery and Apparatus]
Sel'. mekh. (15a)	Sel'skii mekhanizator [The Rural Mechanic]
Sel'. stroi. (16d)	Sel'skoe stroitel'stvo [Rural Construction]
Sel'khoz. lit. SSSR (15a)	Sel'skokhoziaistvennaia literatura SSSR [Agricultural Literature of the U.S.S.R.]
Shakht. stroi. (16h)	Shakhtnoe stroitel'stvo [Mine Construction]
Sib. mat. zhur. (13e)	Sibirskii matematicheskii zhurnal [Siberian Mathematical Journal]
Sil'. bud. (16d)	Sil's'ke budivnytstvo [Rural Construction]. In Ukrainian.
Soob. Lab. lesoved. AN SSSR (15c)	Akademiia nauk SSSR. Laboratoriia lesovedeniia. Soobshcheniia [Academy of Sciences of the U.S.S.R. Laboratory of Forestry. Reports]
Sots. trud (5d)	Sotsialisticheskii trud [Socialist Labor]
Sov. arkheol. (4b)	Sovetskaia arkheologiia [Soviet Archaeology]
Sov. bibl. (2a)	Sovetskaia bibliografiia [Soviet Bibliography]
Sov. foto (18c)	Sovetskoe foto [The Soviet Photo]
Sov. geol. (12c)	Sovetskaia geologiia [Soviet Geology]
Sov. gos. i pravo (7)	Sovetskoe gosudarstvo i pravo [The Soviet State and Law]
Sov. iust. (7)	Sovetskaia iustitsiia [Soviet Justice]
Sov. knizh. torg. (2c)	Sovetskaia knizhnaia torgovlia [Soviet Book Trade]
Sov. kras. krest. (5c)	Sovetskii krasnyi krest [Soviet Red Cross]
Sov. med. (14a)	Sovetskaia meditsina [Soviet Medicine]
Sov. pech. (11b)	Sovetskaia pechat' [Soviet Press]
Sov. profsoiuzy (5d)	Sovetskie profsoiuzy [Soviet Trade Unions]
Sov. Ukr. (11b)	Sovetskaia Ukraina [Soviet Ukraine]
Sov. voin (17a)	Sovetskii voin [Soviet Soldier]
Sov. zdrav. (14a)	Sovetskoe zdravookhranenie [Soviet Health Service]
Spirt prom. (16c)	Spirtovaia promyshlennost' [Distilling Industry]
Stal' (16h)	Stal' [Steel]
Stan. i instr. (16g)	Stanki i instrument [Machine Tools and Their Cutting Tools]
Standartizatsiia (16a)	Standartizatsiia [Standardization]
Stroi. i arkhit. (10b)	Stroitel'stvo i arkhitektura [Construction and Architecture]
Stroi. i arkhit. Len. (10b)	Stroitel'stvo i arkhitektura Leningrada [Construction and Architecture in Leningrad]
Stroi. i arkhit. Mosk. (10b)	Stroitel'stvo i arkhitektura Moskvy [Construction and Architecture in Moscow]
Stroi. i dor. mash. (16g)	Stroitel'nye i dorozhnye mashiny [Road and Construction Machinery]
Stroi. mat. (16d)	Stroitel'nye materialy [Building Materials]
Stroi. mekh. i rashch. soor. (16d)	Stroitel'naia mekhanika i raschet sooruzhenii [Structural Mechanics and Construction Calculations]
Stroi truboprov. (16h)	Stroitel'stvo truboprovodov [Pipeline Construction]
Stroitel' (16d)	Stroitel' [The Builder]
Sudostroenie (17b)	Sudostroenie [Shipbuilding]
Svar. proizv. (16f)	Svarochnoe proizvodstvo [Welding Practice]
Svetotekhnika (16e)	Svetotekhnika [Illuminating Engineering]
Teatr (9c)	Teatr [The Theater]
Teatr. Moskva (9c)	Teatral'naia Moskva [Theatrical Moscow]
Tekh. v sel'khoz. (15a)	Tekhnika v sel'skom khoziaistve [Machinery in Agriculture]
Teor. i prak. fiz. kul'. (18b)	Teoriia i praktika fizicheskoi kul'tury [Theory and Practice of Physical Education]
Teor. veroiat i ee prim. (13e)	Teoriia veroiatnostei i ee primeneniia [Theory of Probability and its Applications]
Torg. za rub. (5a)	Torgovlia za rubezhom [Trade Abroad]
Trakt. i sel'khozmash. (16g)	Traktory i sel'khozmashiny [Tractors and Agricultural Machinery]
Transp. stroi. (16d)	Transportnoe stroitel'stvo [Construction for the Transportation Industry]
Trudy AANII (12b)	Leningrad. Arkticheskii i antarkticheskii nauchno-issledovatel'skii institut. Trudy [Arctic and Antarctic Scientific

Trudy Inst. energ AN BSSR (16e)	Akademiia navuk BSSR, Minsk. Instytut energetyki Trudy [Academy of Sciences of the White Russian S.S.R. Power Institute Transactions]
Trudy Inst. gor. dela AN Kazakh. SSR (16h)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut gornogo dela. Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of Mining. Transactions]
Trudy inst. Kom. stand., mer i izm. prib. (16a)	Russia (1923- U.S.S.R.) Komitet standartov mer i izmeritel'nykh priborov. Trudy Institutov Komiteta [Committee of Standards, Measures, and Measuring Instruments. Transactions of the Institutes of the Committee]
Trudy Inst. mash. Sem. po teor. mash. (16g)	Akademiia nauk SSSR Institut mashinovedeniia. Trudy. Seminar po teorii mashin i mekhanizmov [Academy of Sciences of the U.S.S.R. Institute of Mechanical Engineering. Transactions. Seminar on the Theory of Machines and Mechanisms]
Trudy Inst. met i obogashch. AN Kazakh. SSR (16h)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut metallurgii i obogashcheniia Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of Metallurgy and Ore Dressing Transactions]
Trudy Inst morf. zhiv. (13c)	Akademiia nauk SSSR. Institut morfologii zhivotnykh. Trudy [Academy of Sciences of the U.S.S.R. Institute of Animal Morphology. Transactions]
Trudy Inst. okean. (12b)	Akademiia nauk SSSR. Institut okeanologii. Trudy [Academy of Sciences of the U.S.S.R. Institute of Oceanography Transactions]
Trudy Khim.-met inst. Sib. otd. AN SSSR (16h)	Akademiia nauk SSSR Sibirskoe otdelenie. Khimiko-metallurgicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Siberian Department. Chemico-metallurgical Institute. Transactions]
Trudy Khim.-met. inst. Zap.-Sib fil AN SSSR (16h)	Akademiia nauk SSSR. Zapadno-Sibirskii filial, Novosibirsk Khimiko-metallurgicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. West Siberian Branch Chemicometallurgical Institute Transactions]
Trudy Kiakht. muz. kraeved. (4a)	†Kiakhta. Kiakhtinskii respublikanskii muzei kraevedeniia. Trudy [Kyakhta Republic Muzeum for Regional Study. Transactions]
Trudy LSGMI (14g)	Leningrad. Sanitarno-gigienicheskii meditsinskii institut Trudy [Medical Institute of Sanitation and Hygiene. Transactions]
Trudy LTI (18a)	Leningrad. Tekhnologicheskii institut. Trudy [Technological Institute Transactions]
Trudy Lab. gidrogeol. probl. (12c)	Akademiia nauk SSSR. Laboratoriia gidrogeologicheskikh problem. Trudy [Academy of Sciences of the U.S.S.R. Laboratory for Hydrogeological Problems. Transactions]
Trudy Lab. ozeroved. (12b)	Akademiia nauk SSSR Laboratoriia ozerovedeniia Trudy [Academy of Sciences of the U.S.S.R. Laboratory of Limnology Transactions]
Trudy MGI (12b)	Akademiia nauk SSSR Morskoi gidrofizicheskii institut Trudy [Academy of Sciences of the U.S.S.R. Marine Hydrophysical Institute Transactions]
Trudy Nov. inzh.-stroi. inst. (16d)	Novosibirsk. Inzhenerno-stroitel'nyi institut. Trudy [Civil Engineering Institute. Transactions]
Trudy Okean kom. (12b)	Akademiia nauk SSSR. Okeanograficheskaia komissiia. Trudy [Academy of Sciences of the U.S.S.R. Oceanographic Commission. Transactions]
Trudy Polt grav. obser. (13b)	Poltava. Gravimetrychna observatoriia. Trudy [Observatory for Gravity Measurement. Transactions]
Trudy Radiev. inst. AN SSSR (13d)	Akademiia nauk SSSR Radievyi institut. Trudy [Academy of Sciences of the U.S.S.R. Radium Institute. Transactions]
Trudy sov. ikht. kom. (15b)	Akademiia nauk SSSR Ikhtiologicheskaia komissiia. Trudy soveshchanii [Academy of Sciences of the U.S.S.R. Ichthyological Commission Transactions of Conferences]
Trudy TSIP (13f)	Moscow. TSentral'nyi institut prognozov. Trudy [Central Weather Institute. Transactions]
Trudy Transp.-energ. inst. Sib. otd. AN SSSR (16g)	Akademiia nauk SSSR. Sibirskoe otdelenie. Transportno-energeticheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Siberian Branch. Transportation and Power Institute. Transactions]
Trudy UkrNIGMI (13f)	Kiev. Ukrainskii nauchno-issledovatel'skii gidrometeorologicheskii institut. Trudy [Ukrainian Scientific Research Hydrometeorological Institute. Transactions]
Trudy Ural. politekh. inst. (16a)	Sverdlovsk. Ural'skii politekhnicheskii institut. Trudy [Ural Polytechnic Institute. Transactions]
Trudy VNIGNI (16h)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii geologorazvedochnyi neftianoi institut. Trudy [All-Union Scientific Research Institute of Petroleum Geology and Prospecting. Transactions]
Trudy VNIGRI (12c)	Leningrad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy [All-Union Petroleum Geological Prospecting Institute. Transactions]
Trudy VNII (16h)	Vsesoiuznyi neftegazovyi nauchno-issledovatel'skii institut. Trudy [All-Union Scientific Research Institute of Petroleum and Natural Gas. Transactions]
Trudy VNIIG (13d)	Leningrad. Vsesoiuznyi nauchno-issledovatel'skii institut galurgii. Trudy [All-Union Scientific Research Institute of Halurgy. Transactions]
Trudy VNIIL (15d)	Torzhok. Vsesoiuznyi nauchno-issledovatel'skii institut l'na. Trudy [All-Union Scientific Research Institute of Flax. Transactions]
Trudy VNIRO (15b)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut morskogo rybnogo khoziaistva i okeanografii. Trudy [All-Union Scientific Research Institute of Marine Fisheries and Oceanography. Transactions]
Trudy Vost.-Sib. fil. AN SSSR (1a)	Akademiia nauk SSSR. Vostochno-Sibirskii filial, Irkutsk. Trudy [Academy of Sciences of the U.S.S.R. East Siberian Branch Transactions]
Trudy Zool. inst. (13c)	Akademiia nauk SSSR Zoologicheskii institut Trudy [Academy of Sciences of the U.S.S.R Zoological Institute. Transactions]
TSitologiia (13c)	TSitologiia [Cytology]
TSvet. met. (16h)	TSvetnye metally [Nonferrous Metals]
Tyl i snab. Sov. Voor. sil (17a)	Tyl i snabzhenie Sovetskikh Vooruzhennykh Sil [The Rear and Supply of Soviet Armed Forces]
Uch. trudy Sverd. iur. inst. Ser. "Kolkhoz. i zem. pravo" (7)	†Sverdlovsk. Iuridicheskii institut Uchenye trudy Seriia "Kolkhoznoe i zemel'noe pravo" [Juridical Institute. Studies Series on Collective-Farm and Land Law]
Uch. zap. AGU. Geol.-geog. ser. (12c)	†Baku. Azerbaidzhanskii gosudarstvennyi universitet. Uchenye zapiski. Geologo-geograficheskaia seriia [Azerbaijan State University. Studies. Geological and Geographical Series]
Uch. zap. Irk. gos. ped. inst. inostr. iaz. (11a)	Irkutsk. Gosudarstvennyi pedagogicheskii institut inostrannykh iazykov. Uchenye zapiski [State Pedagogical Institute of Foreign Languages. Studies]
Uch. zap. Kaz. un. (1a)	Kazan. Universitet Uchenye zapiski [University Studies]
Uch. zap. Komi gos. ped. inst. (1a)	Syktyvkar. Komi gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [Komi State Pedagogical Institute. Studies]
Uch. zap. LGU (1a)	Leningrad. Universitet. Uchenye zapiski [University. Studies]
Uch zap. MOPI (1a)	Moscow. Moskovskii oblastnoi pedagogicheskii institut Uchenye zapiski [Moscow Province Pedagogical Institute Studies]
Uch. zap. Mord. gos. un. (1a)	Saransk. Mordovskii gosudarstvennyi universitet Uchenye zapiski [Mordvinian State University. Studies]
Uch. zap. Omsk. gos. ped. inst. (1a)	†Omsk. Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Studies].
Ukr. biokhim. zhur. (13c)	Ukrains'kyi biokhimichnyi zhurnal [Ukrainian Biochemical Journal]. In Ukrainian and Russian.
Ukr. fiz. zhur. (13f)	Ukrains'kyi fizychnyi zhurnal [Ukrainian Physical Journal]. In Ukrainian.
Usp. fiz. nauk (13f)	Uspekhi fizicheskikh nauk [Progress in the Physical Sciences]
Usp. mat. nauk. (13a)	Uspekhi matematicheskikh nauk [Progress in the Mathematical Sciences]
Usp. sovr. biol. (13c)	Uspekhi sovremennoi biologii [Progress in Contemporary Biology]
Uzb. biol. zhur. (13c)	Uzbekskii biologicheskii zhurnal [Uzbek Biological Journal]
V mire knig (2a)	V mire knig [In the World of Books]
V zashchitu mira (6)	V zashchitu mira [In Defense of Peace]
Ved. Verkh. Sov. RSFSR (6)	Russia (1917- R.S.F.S.R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]
Ved. Verkh. Sov. SSSR (6)	Russia (1923- U.S.S.R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]
Vest. AMN SSSR (14a)	Akademiia meditsinskikh nauk SSSR, Moscow. Vestnik [Academy of Medical Sciences of the U.S.S.R. Journal]
Vest. AN Kazakh. SSR (1a)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Vestnik [Academy of Sciences of the Kazakh S.S.R. Journal]
Vest. AN SSSR (1a)	Akademiia nauk SSSR. Vestnik [Academy of Sciences of the U.S.S.R. Journal]
Vest. LGU (1a)	Leningrad. Universitet. Vestnik [University. Review]
Vest. mash. (16g)	Vestnik mashinostroeniia [Machine-Building Review]
Vest. Mosk. un. Ser. 3: Fiz., astron. (13f)	Moscow. Universitet. Vestnik. Seriia 3: Fizika, astronomiia [University. Review. Series 3: Physics, Astronomy]
Vest. Mosk. un. Ser. 4: Geol. (12c)	Moscow. Universitet. Vestnik. Seriia 4: Geologiia [University. Review. Series 4: Geology]
Vest. Mosk. un. Ser. 6: Biol., pochv. (13c)	Moscow. Universitet. Vestnik. Seriia 6: Biologiia, pochvovedenie [University. Review. Series 6: Biology, Soil Science]
Vest. Mosk. un. Ser. 7: Filol., zhurn. (11b)	Moscow. Universitet. Vestnik. Seriia 7: Filologiia, zhurnalistika [University. Review. Series 7: Philology, Journalism]
Vest. Mosk. un. Ser. 9: Ist. (4a)	Moscow. Universitet. Vestnik. Seriia 9: Istoriia [University. Review. Series 9: History]
Vop. raket. tekh. (16b)	Voprosy raketnoi tekhniki; sbornik perevodov i obzorov inostrannoi periodicheskoi literatury [Problems of Rocket Engineering; Translations and Surveys of Foreign Periodical Literature]
Vest. sel'khoz. nauki (15a)	Vestnik sel'skokhoziaistvennoi nauki [Review of Agricultural Science]
Vest. stat. (5b)	Vestnik statistiki [Statistical Review]
Vest. sviazi (18e)	Vestnik sviazi [Communications Review]
Vest. Vozd. Fl. (17a)	Vestnik Vozdushnogo Flota [Review of the Air Force]
Vest. vys. shkoly (8a)	Vestnik vysshei shkoly [Review of Schools for Higher Education]

Visnyk sil'hosp. nauky (15a)	Visnyk sil's'kohospodars'koi nauky [Review of Agricultural Science]. In Ukrainian.
Vod. i san. tekh. (16d)	Vodosnabzhenie i sanitarnaia tekhnika [Water Supply and Sanitary Engineering]
Voen. znan. (17a)	Voennye znaniia [Military Knowledge]
Volov. ateist (3b)	Volovnychyi ateist [Militant Atheist]
Vokrug sveta (12b)	Vokrug sveta [Around the World]
Vop. filos (3a)	Voprosy filosofii [Problems of Philosophy]
Vop geog. (12b)	Voprosy geografii [Problems of Geography]
Vop geol. vost okr Rus. platf i IUzh. Urala (12c)	Voprosy geologii vostochnoi okrainy Russkoi platformy i IUzhnogo Urala [Problems of the Geology of the Southern Urals and the Eastern Border of the Russian Platform]
Vop. ikht. (13c)	Voprosy ikhtiologii [Problems in Ichthyology]
Vop. ist. (4a)	Voprosy istorii [Problems of History]
Vop. ist. KPSS (6)	Voprosy istorii KPSS [Problems of the History of the Communist Party of the Soviet Union]
Vop. lit. (11b)	Voprosy literatury [Problems of Literature]
Vop. med. khim. (14f)	Voprosy meditsinskoi khimii [Problems of Medical Chemistry]
Vop. neirokhir. (14h)	Voprosy neirokhirurgii [Problems of Neurosurgery]
Vop. okh. mat. i det. (14b)	Voprosy okhrany materinstva i detstva [Problems of Mother and Child Care]
Vop. pit. (13c)	Voprosy pitaniia [Problems of Nutrition]
Vop. proizv. stali (16h)	Voprosy proizvodstva stali [Problems of Steel Production]
Vop. psikhol. (3a)	Voprosy psikhologii [Problems of Psychology]
Vop. raket. tekh. (16b)	Voprosy raketnoi tekhniki; sbornik perevodov i obzorov inostrannoi periodicheskoi literatury [Problems of Rocket Engineering; Translations and Surveys of Foreign Periodical Literature]
Vop. virus. (13c)	Voprosy virusologii [Problems of Virology]
Vrach. delo (14a)	Vrachebnoe delo [Medical Practice]
Vsem. prof. dvizh. (5d)	Vsemirnoe profsoiuznoe dvizhenie [World Trade-Union Movement]
Vysokom. soed. (13d)	Vysokomolekuliarnye soedineniia [Macromolecular Compounds]
Zarub. radioelek. (16e)	Zarubezhnaia radioelektronika [Radio Engineering Abroad]
Zashch. rast. ot vred i bol. (15d)	Zashchita rastenii ot vreditelei i boleznei [Protecting Plants Against Diseases and Pests]
Zav. lab (16h)	Zavodskaia laboratoriia [The Factory Laboratory]
Zdorov'e (14a)	Zdorov'e [Health]
Zdrav. Bel. (14a)	Zdravookhranenie Belorussii [Health Service of White Russia]
Zdrav. Ros. Feder. (14a)	Zdravookhranenie Rossiiskoi Federatsii [Health Service of the Russian Federation]
Zdrav. Tadzh. (14a)	Zdravookhranenie Tadzhikistana [Health Service of Tajikistan]
Zdrav. Turk. (14a)	Zdravookhranenie Turkmenistana [Health Service of Turkmenistan]
Zdravookhranenie (14a)	Zdravookhranenie [Health Service]
Zemledelie (15d)	Zemledelie [Agriculture]
Zhil.-kom. khoz. (16d)	Zhilishchno-kommunal'noe khoziaistvo [Communal Housing and Services]
Zhil. stroi. (16d)	Zhilishchnoe stroitel'stvo [Housing Construction]
Zhur. anal khim. (13d)	Zhurnal analiticheskoi khimii [Journal of Analytical Chemistry]
Zhur. eksp. i teor. fiz. (13f)	Zhurnal eksperimental'noi i teoreticheskoi fiziki [Journal of Experimental and Theoretical Physics]
Zhur. mikrobiol., epid. i immun. (14a)	Zhurnal mikrobiologii, epidemiologii i immunobiologii [Journal of Microbiology, Epidemiology, and Immunobiology]
Zhur. mod (16f)	Zhurnal mod [Fashion Magazine]
Zhur. neorg. khim. (13d)	Zhurnal neorganicheskoi khimii [Journal of Inorganic Chemistry]
Zhur. nevr. i psikh. (14c)	Zhurnal nevropatologii i psikhiatrii [Journal of Neuropathology and Psychiatry]
Zhur. ob. khim. (13d)	Zhurnal obshchei khimii [Journal of General Chemistry]
Zhur. tekh. fiz. (16a)	Zhurnal tekhnicheskoi fiziki [Journal of Technical Physics]
Zhur. ush., nos. i gorl. bol. (14d)	Zhurnal ushnykh, nosovykh i gortovykh boleznei [Journal of Ear, Nose, and Throat Diseases]
Zhur. VKHO (13d)	Vsesoiuznoe khimicheskoe obshchestvo imeni D. I. Mendeleeva. Zhurnal [D. I. Mendeleev All-Union Chemical Society. Journal]
Zhur. vys. nerv. deiat. (14c)	Zhurnal vysshei nervnoi deiatel'nosti [Journal of the Higher Nervous Function]
Znamia (11b)	Znamia [The Banner]
Zool. zhur. (13c)	Zoologicheskii zhurnal [Zoological Journal]

A C S SERUM see Antireticular cytotoxic serum

ACTH
Features of the development of traumatic shock in animals receiving prophylactic pituitary gland adrenocorticotropic hormone [with summary in English]. V. K. Kulagin. Pat. fiziol.,eksp. terap. 5 no. 3:49-54 My-Je '61.

Use of ACTH and cortisone in surgical inflammatory diseases I. N Grishin Zdrav. Bel 7 no 5 49-51 My '61

ABELIAN GROUPS
Metric properties of the endomorphisms of an n-dimensional torus. A. L Genis. Dokl. AN SSSR 138 no. 5: 991-993 Je '61.

ABIDJAN—HARBOR
Port Abidjan. M. Pecholkin. Mor. flot 21 no. 3:43-44 Mr '61.

ABKHAZIA—CATTLE—DISEASES AND PESTS
Role of cattle in the epidemiology of leptospirosis icterohemorrhagiae. I. Z. Soloshenko, G V. Kharava. Zhur. mikrobiol. epid. i immun 32 no 2:79-80 F '61.

ABORTION
Premature spontaneous interruption of pregnancy. G. Iliev. Akush. i gin. 37 no. 1:61-65 '61.

ABROSIMOV, PAVEL VASIL'EVICH, 1900-1961
P. V. Abrosimov. Stroi. i arkhit, Len. 23 no. 5:40 My '61

ABSORPTION
Effect of the hydrodynamic conditions on the process of chemisorption in packed towers. Report No. 2. I. P. Slobodianik, A. G. Kasatkin, V. V. Kafarov. Izv. vys. ucheb. zav. , khim. i khim. tekh. 3 no. 2:369-374 '60.

ABSORPTION (PHYSIOLOGY)
Using the method of vital staining in estimating the functional state of resting tonic and tetanic muscles of a frog V. B. Ushakov. Tsitologiia 3 no. 3:272-280 My-Je '61.

ABSORPTION OF LIGHT
Effect of unilateral directed deformation of a cubic crystal on quadrupole exciton absorption of light. V. I. Cherepanov. Fiz. tver. tela 3 no. 5:1493-1500 My '61.
Rules of selection for quadrupole exiton light absorption in cubic crystals. V. S. Galishev, V. I. Cherepanov, R. V. Radchenko. Fiz. tver. tela 3 no. 2:484-491 F '61.

ABSORPTION OF SOUND
Thermodynamic theory of the absorption of sound vibrations in crystals with lattice defects [with summary in

ACADEMY OF SCIENCES OF THE UKRAINIAN S S. R.
Brief items. Dop AN URSR no 6:626-629 '61.
Confirmation of appointments as directors of research institutes. Dop. AN URSR no 5 569 '61
Election of active and corresponding members of the Ukrainian Academy of Sciences Dop AN URSR no 5 562-566 '61
General assemblies of the Ukrainian Academy of Sciences Dop. AN URSR no 5 553 '61
Meetings of divisions of the Academy of Sciences of the Ukrainian S. S. R Dop. AN URSR no 6.699-707 '61.
Principal results of the activities of the Ukrainian Academy of Sciences during 1960 and objectives for 1961 Dop AN URSR no 5 558-561 '61
Various items. Dop. AN URSR no. 4:541 '61.

ACCELEROMETERS
Developing a standard accelerometer. P. N. Agaletskii and others Izm. tekh. no 7 12-17 Jl '61

ACCIDENTS
Seven-year plan and problems in traumatology. N. N. Priorov, A. M. Dvorkin Vest AMN SSSR 15 no 2, 73-79 '60

ACCIDENTS—PREVENTION
"Essays on the history of accident control in the U S. S. R." by E. A. Loginova Reviewed by V. Ch. Brzheskii. Sov zdrav 19 no. 3:82-84 '60.

ACCLIMATIZATION
Crab translocation IU. Orlov. Nauka i zhizn' 28 no. 5: 77-78 My '61.

ACCLIMATIZATION (PLANTS) see subdivision under Adzharistan

ACCOMPLICES
Some general problems in the theory of complicity. M. D Shargorodskii Izv. vys. ucheb zav. , prav. 4 no 1:84-97 '60

ACCOUNTING
(see also subdivision under White Russia)
Goloshchapov, V. A., comp. [Accounting handbook] Spravochnik po bukhgalterskomu uchetu. Izd. 3., perer. Moskva, Gosfinizdat, 1961. 632 p.
Increasing accountants' labor productivity. L. Sibiriakov. Sots trud 5 no. 12 63-70 D '60.
Methodology for establishing norms for the number of the accounting personnel in industrial enterprises. B. Ogorodnikov. Sots. trud 5 no 12 86-92 D '60
Truthfulness and adherence to principles are above everything. Vest stat. no 6:4-8 '61.

ONARIES
[Concise accounting dictionary and
li bukhgalterskii slovar'spravochnik.
skoe knizhno-gazetnoe izd-vo, 1960.

lictments

mechanism of reaction between
etaldehyde. L. I. Aviamenko, R. V.
orokina. Izv. AN SSSR. Otd. khim.
0 Je '61.
furyl ether, ethyl furfuryl and
aldehyde acetals. A. G. Rychkova,
. ob. khim. 31 no. 6:1849-1851 Je

erization of acetaldehyde in the
ith summary in English]. V S.
Kargin, N A. Bakh. Vysokom.
930 Je '61.

n and copolymerization. Part 4:
of cyclic polymerization of some
isopropenylacetals [with summary
latsolan and others. Vysokom. soed.
Jl '61.

ACETATES
Fate of methylacetate after its entry into the body [with summary in English]. V A. Filov. Farm. i toks. 24 no. 2 224-226 Mr-Ap '61.

ACETIC ACID
Acetic acid content of plant raw materials. I. F Tumanov, M E Ratner. Izv. vys. ucheb zav., les khar. 4 no. 2 153-156 '61.
Complex compounds formed by hexamethylenediaminetetraacetic acid and benzhydrylaminodiacetic acid with certain metals. IU. I Vainshtein, N. M. Dlatlova Trudy IREA no 22.43-49 '58.
Liquid phase contact-catalytic oxidation of organic compounds on noble metals Part 2. Oxidation of monoaryl ethers of ethylene glycol to aryloxyacetic acids I I. Ioffe, IU T. Nikolaev. Kin. i kat. 2 no 2:245-249 Mr-Ap '61.
On the synthesis of arylazochloroacetic acids [with summary in English]. M. O. Lozyns'kyi, P. S. Pel'kis. Dop. AN URSR no. 4.508-510 '61.
Photometric microdetermination of acetic acid in the presence of other acids [with summary in English]. IU. P. Artsybasheva, I. A. Favorskaia. Zhur. anal. khim. 16 no. 3.370-371 My-Je '61.
Reactions of polyvinylchloroacetate with some amines [with summary in English]. E. N. Rostovskii, O V. Shchelkunova, N S. Bondareva. Vysokom. soed 3 no 7 971-975 Jl '61.
Synthesis of 3, 6-dimethyl-4, 6-decadiyne-1, 6-diol acetate and di(1-hydroxycyclopentyl)-1, 3-butadiyne acetate and their catalytic hydrogenation. A I. Nogaideli, G. M Gonadze Zhur ob khim. 31 no. 6:1838-1843 Je '61

ACETIC ACID—PHYSIOLOGICAL EFFECT
Effect of 2, 4-dinitrophenol and monoiodoacetic acid on the functional state of the spinal cord [with summary in English]. O. H. Polit'ko. Dop. AN URSR no. 4: 526-530 '61.

ACETONE
Acetone bodies in the myocardium in aortic stenosis in rabbits [with summary in English]. M. F. Vialykh, M. G. Lutsenko. Vop. med. khim. 7 no. 2:186-190 Mr-Ap '61.
Fermentation of pentose-hexose hydrolysates of vegetable wastes in a mixture with molasses by butylic bacteria [with summary in English] V. V. Lipshits and others Mikrobiologiia 30 no 2 323-327 Mr-Ap '61.
Preparation of mannose by the decomposition of mannose phenylhydrazone with acetone L. A. Mikhailova, K. A. Dunaevskaia. Trudy IREA no 22:136-138 '58.
Purification of toxoids of C. l. perfringens by precipitation with alcohol and acetone [with summary in English]. L. IA. Marmalevskaia, V. A Blagoveshchenskii. Zhur. mikrobiol epid i immun 32 no. 1:110-113 Ja '61.

ACETYLENE
Direction of the hydration of asymmetric disubstituted acetylenes. B. S. Kupin and others. Trudy LTI no.60: 62-69 '60.
Homogeneous pyrolysis of a raw hydrocarbon stock to ethylene and acetylene. V I. Maiorov and others. Khim. prom. no. 6:379-380 Je '61.

ACETYLENE BLACK see Carbon black

ACETYLENE COMPOUNDS
Soluble complexes of unsaturated hydrocarbons with metal salts, and their role in catalytic reactions. Part 1: Soluble compounds of acetylene with copper salts. O. N Temkin and others. Kin. i kat. 2 no 2: 205-213 Mr-Ap '61.

ACID BASE EQUILIBRIUM
Changes in alkaline reserve and carbonic dehydrogenase activity of the blood in acute radiation sickness. K. V. Ivanov, A. I. Dmitriev. Pat. fiziol., eksp. terap. 5 no. 3: 73-74 My-Je '61.

ACIDS
Differential titration of strong, weak, and very weak acid mixtures in methyl ethyl ketone media. A. P. Kreshkov, L. N. Bykova, N. A. Kazarian. Izv. vys. ucheb. zav. ; khim. i khim. tekh. 4 no. 1:20-24 '61.

ACIDS, FATTY

Coefficients of fatty acid distribution. F. A. Kuznetsov, A. K. Lileeva, N. I. Smirnov. Trudy LTI no. 60:206-209 '60.

Effect of fats containing a large quantity of highly unsaturated fatty acids on the state of the thyroid gland in animals [with summary in English]. A. I. Shtenberg, IU. N. Eremin. Vop. pit. 20 no. 3 34-41 My-Je '61.

Effect of ionizing radiation on the composition of lipids in dog blood and the role of highly unsaturated acids in the course of radiation sickness. N. A. Nekovaleva. Ukr. biokhim. zhur. 33 no. 3 348-351 '61.

Purification of acid waters in the production of synthetic fatty acids. L. A. Alferova, I. F. Chistov. Masl.-zhir. prom. 27 no. 6:19-24 Je '61.

Reactions of cyanamide with substituted aliphatic acids. A. E. Kretov, A. P. Momsenko. Zhur. ob. khim. 31 no. 6 2000-2003 Je '61.

Study of air pollution by discharges in the synthetic fatty acid and alcohol industries [with summary in English]. F. I. Dubrovskaia. Gig. i san. 26 no. 1:7-10 Ja '61.

Use of fatty acids of the C_{17} - C_9 fraction for the separation of iron and copper from cobalt [with summary in English]. S. E. Kreimer and others. Zhur. anal. khim. 16 no. 3:303-307 My-Je '61.

ACIDS, INORGANIC

Extraction of acids with organic solvents. A. A. Grinberg, G. S. Lozhkina. Zhur. neorg. khim. 5 no. 3: 738-744 Mr '60.

ACIDS, ORGANIC

Photometric microdetermination of acetic acid in the presence of other acids [with summary in English]. IU. P. Artsybusheva, I. A. Favorskaia. Zhur. anal. khim. 16 no. 3:370-371 My-Je '61.

Reactions of cyanamide with organic acids. A. E. Kretov, A. P. Momsenko. Izv. vys. ucheb. zav. ,khim. i khim. tekh. 4 no. 1:84-86 '61.

ACORNS

How transportation after winter storage affects the germination of acorns. A. B. Matinian. Izv. Bat. bot sada no. 8 212-215 '57.

ACOUSTIC NERVE—TUMORS

Diagnostic value of vertebral angiography in tumors of the 8th cranial nerve. S. N. Fedorov. Vop. neirokhir. 25 no. 2,40-45 Mr-Ap '61.

ACOUSTICAL ENGINEERING see subdivision under Rumania

ACOUSTICS, ATMOSPHERIC see Atmospheric acoustics

ACQUISITIONS (LIBRARIES)

How to build up valuable collections. N. Drozdova, V. Zolotykh. Bibliotekar' no. 6:17-19 Je '61.

ACRIDINE

Structure and parasiticidal action of isomeric chlorine derivatives of 9-(5-diethylamine-2-pentyl)-aminoacridine. V. I. Blyznikov, V. P. Shtuchna. Farmatsev. zhur. 16 no. 3,12-15 '61.

ACROBATICS—PSYCHOLOGICAL ASPECTS

Some methods of forming concepts of movements in mastering acrobatic exercises. I. N. Surkov. Probl. psikhol. sporta no. 1:55-75 '60.

ACRYLIC ACID

Film-forming capacity of mixed esters of the acrylic series in the presence of oxidation-reduction systems. M. N. Mogilevich, M. I. Arkhipov, Lakokras. mat. i ikh prim. no. 3:3-8 '61.

Study of the structural and steric directivity of the diene condensation of 1-vinylcyclopentene with methyl acrylate. V. F. Kucherov, E. P. Serebriakov, R. E. Valter. Dokl. AN SSSR 136 no. 6:1357-1360 Je '61.

Synthesis and polymerization of methyl-d-methoxyacrylate [with summary in English]. S. S. Ivanov. Vysokom. soed. 3 no. 3:368-370 Mr '61.

Synthesis and properties of trifluoroacrylic acid derivatives. A. IA. IAkubovich, S. M. Rozenshtein. Zhur. ob. khim. 31 no. 6:1995-2000 Je '61.

ACRYLIC RESINS

Technology of using "AKR-7" plastic in making an electrode holder for recording cerebral currents. V. G. Filimonov. Fiziol. i eksp. terap. 5 no. 1:70-72 Ja-F '61.

ACRYLONITRILE

Esters of ethylene cyanohydrin in the Friedel-Krafts reaction. A. N. Kost, B. M. Sheiman, V. K. Kushkov. Izv. vys. ucheb. zav. ;khim. i khim. tekh. 4 no. 1:87-91 '61.

Gamma-ray induced copolymerization of acrylonitrile and ethylene [with summary in English]. V. F. Gromov, P. M. Khomikovskii, A. D. Abkin. Vysokom. soed. 3 no. 7:1015-1019 Jl '61.

Kinetics of copolymerization of acrylonitrile with some vinyl monomers. Report No. 2. V. S. Durnbaum, A. D. Abkin, V. S. Klimenkov. Khim. volok. no. 3:8-11 '61.

Quantitative determination of monoatomic alcohols by acrylonitrile [with summary in English]. S. I. Obtemperanskaia, A. P. Terent'ev, M. M. Buzlanova. Zhur. anal. khim. 16 no. 3:372-374 My-Je '61.

ACRYLONITRILE POLYMERS

New method of preparation of polyacrylonitrile fibers (U. S. A. Patent No. 2936211). Khim. volok. no. 3:77 '61.

Properties of polyacrylonitrile solutions. N. M. Beder, A. B. Pakshver. Khim. volok. no. 3:21-24 '61.

Research on the structure of polyacrylonitrile in solution (from "Bull. Soc. chim.," no. 2, 1960). Khim. volok. no. 3 77 '61.

ACTING

And your opinion? Lidiia Kniazeva and others. Teatr 22 no. 6:132-136 Je '61.

"Scatter rug." Z. Vladimirova. Teatr 22 no. 6: 119-126 Je '61.

To the heart of a contemporary! Viktor Dobrovol'skii. Teatr 22 no. 6:114-118 Je '61.

ACTINOMYCES

Brown products of the vital activity of Actinomyces nibidus as possible sources of humic substances. E. Z. Tepper, N. A. Sandrak. Doklady TSKhA no. 57 183-191 '60.

Effect of water vapors on the cell membrane of the air mycelium Actinomyces violaceus [with summary in English]. L. V. Kalakutskii. Mikrobiologiia 30 no. 2: 267-270 Mr-Ap '61.

Lytic capacity of actinomycetes of the orange group [with summary in English]. IUan' TSzi-shen [Yuan Chi-sheng]. Mikrobiologiia 30 no. 2 249-254 Mr-Ap '61.

Origin of some antibiotic substances under natural conditions [with summary in English]. L. Doleziłova, I. Malek, Z. Vanek. Mikrobiologiia 30 no. 2 243-248 Mr-Ap '61.

The reaction of intracellular transamination in actinomycetes. A. M. Bezborodov. Dokl. AN SSSR 138 no. 6: 1446-1448 Je '61.

Studies on the structure of colonies of a radiation highly active mutant of Actinomyces streptomycini Kras [with summary in English]. A. A. Prokof'eva-Bel'govskaia, Z. B. Shamina. Mikrobiologiia 30 no. 2, 203-206 Mr-Ap '61.

Synthesis of aspartic acid by actinomycetes catalyzed by aspartase. A. M. Bezborodov. Dokl. AN SSSR 138 no. 5:1202-1203 Je '61.

Use of actinophage in the identification and directed study of some producers of polyene antibiotics [with summary in English]. V. D. Kuznetsov. Antibiotiki 5 no. 3:25-29 My-Je '60.

ACTINS

Role of sulfhydryl groups in the polymerization of actin [with summary in English]. B. F. Poglazov, A. A. Baev. Biokhimiia 26 no. 3 535-540 My-Je '61.

ACTIONS IN REM

Lapirov-Skoblo, M. IA. [Limitation of actions in the disputes of business organizations over the right of ownership] Iskovaia davnost' po imushchestvennym sporam mezhdu khozialstvennymi organizatsiiami. Izd. 2., dop. i perer. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 112 p.

ACTORS

Four of the "contemporaries." K. Shcherbakov. Teatr 22 no. 6:127-131 Je '61.

ACTORS—CARICATURES AND CARTOONS

The funny characteristics of the great. A. Skibnevskii. Teatr 22 no. 6:164-165 Je '61.

ACUPUNCTURE

Chen-chu therapy for bronchial asthma in children. IA. M. Balaban, V. V. Grishchenko. Ped., akush. i gin. 23 no. 1:23-27 '61.

ACUTE CATARRHAL JAUNDICE see Hepatitis, Infectious

ACYLATION

Fluorine-containing β-sultones. Report 3: β-Sultones, promoters of acylation. G. A. Sokol'skii, I. L. Knuniants. Izv. AN SSSR, Otd. khim. nauk no. 6:1053-1055 Je '61.

Preparation of pyrylium salts by bis-acylation of olefins. Report 5: Bis-acylation of di- and triisobutylene. A. T. Balaban, C. D. Nenitzescu, A. G. Nenitzescu. Izv. AN SSSR, Otd. khim. nauk no. 6:1102-1107 Je '61.

ADAMOVICH, ALEKSANDR

War has entered your home ("War under roofs"): a novel by Aleksandr Adamovich. Reviewed by I. Pil'iar). Novyi mir 37 no. 6:251-254 Je '61.

ADAPTATION (BIOLOGY)

Adaptative and defense mechanisms of the organism. P. F. Zdrodovskii. Vest. AMN SSSR 15 no. 2:3-14 '60.

Mechanisms of adaptation to changes in the salinity of water in the sockeye salmon (Oncorhynchus nerka (Walb.)). M. G. Zaks, M. M. Sokolova. Vop. ikht. 1 no. 2:333-346 '61.

Morphobiological adaptations in newborn Antarctic finback whales. V. A. Zemskii. Trudy VNIRO 33:179-185 '58.

ADENOIDS

Treatment of adenoidal proliferations in children with allergy. V. M. Pallachek. Zhur. ush., nos. i gorl. bol. 20 no. 4:54 Jl-Ag '60.

ADENOIDS—SURGERY

Direct adenotomy. A. L. Ginzburg. Zhur. ush., nos. i gorl. bol. 20 no. 4,61 Jl-Ag '60.

ADENOSINETRIPHOSPHATASE

Adenosinetriphosphatase and pyrophosphatase activity of E. coli under the influence of certain antibacterial substances [with summary in English]. M. F. Khanina. Antibiotiki 5 no. 3 66-72 My-Je '60.

ADHESION

Electrical double layer at the boundary of amorphous bodies created by donor-acceptor molecular link. V. P. Smilga. Dokl. AN SSSR 138 no. 5,1147-1150 Je '61.

State of the silicate glass surface as a factor in the strength of bonding. T. V. Glebova, Izv. vys. ucheb. zav. ;khim. i khim. tekh. 3 no. 2 341-342 '60.

ADHESIVES

(see also subdivision under Ukraine)

Formation of inorganic element-organic structures in adhesive compositions with the use of asbestos. A. B. Davydov, Z. G. Ivanova. Khim. prom. no. 5:340-344 My '61.

Gluing metals. I. Kasatikov. Izobr. i rats. no. 6:40-41 Je '61.

Polymer-cement building mortars. IU. Cherkinskii, V. Smelianskii. Na strot. Ros. no. 4:34-35 Ap '61.

Processes for the manufacture of rubber adhesives and their automatic control. A. D. Chugai and others. Kauch. i rez. 20 no. 6:41-45 Je '61.

ADIPIC ACID

Expediency of intravenous cholangiocholecystography by means of biligност. V. M. Dolinskii. Vrach. delo no. 4:131 Ap '61.

ADIPONITRILE

Study of the selective reactivity of one nitrile group in adiponitrile. E. N. Zil'berman and others. Zhur. ob. khim. 31 no. 2040-2045 Je '61.

ADLER—HEALTH RESORTS, WATERING PLACES, ETC.

Health resort village in Adler. N. Shelomov. Arkhit. SSSR no. 5:22-25 '61.

ADMINISTRATIVE LAW

(see also subdivision under Poland)

Distinction between felonies and administrative misdemeanors in Soviet law. O. F. Shishov. Sov. gos. i pravo 31 no. 6:64-73 Je '61.

Problems relating to the codification of the administrative laws of the Union Republics. O. M. IAkuba. Izv. vys. ucheb. zav., prav. 4 no. 1 172-177 '60.

ADOLESCENCE—BIBLIOGRAPHY see Bibliography—Adolescence

ADRENAL CORTEX

Adrenal cortex function in thyrotoxicosis patients before and following treatment with radioactive iodine. Sh. Sh. Shamakhmudov. Med. zhur. Uz. no. 5 31-34 My '61.

ADRENAL GLANDS

Effect of tetracyclines on the adrenals in rabbits [with summary in English]. Z. A. Popenenkova. Antibiotiki 5 no. 3:44-48 My-Je '60.

ADRENAL GLANDS—CANCER

Case of malignant tumor of the right adrenal gland in a girl aged 3 years and 9 months. I. G. Grishkin. Vop. okh. mat. i det. 6 no. 4:93-94 Ap '61.

ADRENAL GLANDS—TUMORS

Pheochromocytoma of the adrenal gland with fatal outcome in pregnancy. L. I. Shatalova, A. B. Shekhter. Akush. i gin. 37 no. 1:105-100 '61.

ADRENALINE

Adrenaline test under normal conditions and in certain forms of diencephalic pathology [with summary in French]. G. N. Kassil', A. D. Solov'eva. Zhur. nevr. i psikh. 61 no. 2:256-264 '61.

Influence of adrenaline on dyspnea in patients with heart diseases. P. T. Andrenko. Vrach. delo no. 4:11-16 Ap '61.

Influence of the sympathetic nerve, adrenaline and noradrenaline on cardiac rest potential. Khuan-Sin-in [Huang-Hsing-ya]. Fiziol. zhur. 47 no. 4:465-471 Ap '61.

ADRENOCORTICAL HORMONES

Use of hormonal preparations in active rheumatic phases in children [with summary in English]. R. L. Gamburg, O. G. Solomatina. Sov. med. 25 no. 4:63-67 Ap '61.

ADRENOCORTICOTROPIC HORMONES see ACTH

ADSORPTION

Adsorption as an explanation for germanium accumulation in coals. S. A. Gordon. Nauch. trudy MGI no. 27:47-56 '59.

Adsorption isosters in the potential theory. B. P. Bering, M. M. Dubinin, V. V. Sepinskii. Dokl. AN SSSR 138 no. 6:1373-1376 Je '61.

ADSORPTION (Continued)

Adsorption of hexane and benzene vapors on nonradioactive and radioactive barium sulfate samples. L. D. Beliakova and others. Dokl AN SSSR 138 no. 5 1139-1142 Je '61.

Capillary condensation of vapors in highly dispersed systems. Report 5. Analysis of joint adsorption and capillary condensation process in the systems consisting of particles in contact. L. V. Radushkevich. Izv. AN SSSR Otd. khim. nauk no. 6 984-988 Je '61.

Comparative characteristics of various silica gel samples based on their relations to contained sulfur organic compounds in some fuels. R. D. Obolentsev, B. V. Aivasov, K. V. Titova. Khim. sera i azotorg. soed. v nefti i nefteprod. 3:211-217 '60.

Effect of internal adsorption on the results of precision measurements of polycrystal lattice constants. V. I. Arkharov, S. D. Vangengeim. Zav. lab. 27 no. 6 683-688 '61.

Selection of adsorbents for the chromatographic separation of concentrates of sulfur compounds and aromatic hydrocarbons. G. D. Gal'pern, V. N. Kartcheva, A. S. Nekrasov. Khim. sera i azotorg. soed. v nefti i nefteprod. 3:219-226 '60.

Study of the adsorptive properties of clays. N. K. Nadirov, E. P. Startseva. Khim. v shkole 16 no. 2:63-66 Mr-Ap '61.

Substances in coal, on the one hand, and rare and trace elements, on the other hand. Report 1. Sorption of germanium by carbonaceous adsorbents. L. V. Petrovskaia. Nauch. trudy MGI no. 27:27-31 '59.

Vapor adsorption on model nonpolous sorbents with physically modified surface. Report 1. Low temperature adsorption of nitrogen vapors on carbon black with preadsorbed water. A. I. Sarakhov and others. Izv. AN SSSR. Otd. khim. nauk no. 6 974-983 Je '61.

ADULT EDUCATION see subdivision under Leningrad

ADZHARISTAN—ACCLIMATIZATION (PLANTS)

Acclimatization of certain exotics introduced on the Black Sea coast of Adzharistan [in Georgian with summary in Russian]. A. T. TSitsvidze. Izv. Bat. bot. sada no. 8:179-197 '57.

ADZHARISTAN—CONSTITUTION

Adzhar A. S. S. R. Constitution. [Constitution (fundamental law) of the Adzhar Autonomous Soviet Socialist Republic; with amendments adopted by the Supreme Soviet of the Adzhar A. S. S. R. January 5, 1961] Konstitutsiia (osnovnoi zakon) Adzharskoi Avtonomnoi Sovetskoi Sotsialisticheskoi Respubliki. S izmeneniiami i dopolneniiami, prinialymi Verkhovnym Sovetom Adzharskoi ASSR po 5 ianvaria 1961 g. Batumi, Gosizdat Adzharskoi ASSR, 1961. 21 p.

ADZHARISTAN—MINERALS

Mineralogy and geochemistry of complex metal mineralization in the Merisi ore deposit (Adzhar A. S. S. R.). T. V. Ivanitskii, E. K. Vezirishvili. Trudy AN Gruz SSR Min. i petr. ser. 5:5-44 '61.

ADZHARISTAN—PLANT INTRODUCTION

Rhythmic features of growth and length of flowering in principal mediterranian woody plants [in Georgian with summary in Russian]. G. A. Gobrichidze. Izv. Bat. bot. sada no. 8:116-125 '57.

AERIAL BOMBING see Bombing, Aerial

AERIAL PHOTOGRAMMETRY

Accumulation of random errors in spatial triangulation networks. V. I. Pavlov. Izv. vys. ucheb. zav., geod. i aerof. no. 2:125-128 '61.

Adjusting a system of control-strip networks. G. V. Romanovskii, I. D. Kargopolov, N. S. Magnitskaia. Geod. i kart. no. 6:24-35 Je '61.

Attachment to the topographic stereometer for use in determining the elements of relative orientation of aerial photographs. IA. I. Gebgart. Izv. vys. ucheb. zav., geod. i aerof. no. 2:119-123 '61.

Auxiliary aerial photography for the identification of terrain points. A. A. Rogozin. Geod. i kart. no. 5:40-42 My '61.

Comparing the accuracy of photogrammetric crowding of the leveling network by the materials of spectrozonal and ordinary black-and-white aerial photography. V. A. Fedorov, N. D. Osheva. Geod. i kart. no. 5:28-30 My '61.

Determining the elements of relative orientation for aerial photographs. E. V. Ponomarev, N. S. Ramm. Geod. i kart. no. 5:26-28 My '61.

Distortion of the relative positions of photographic stations and triangulation stations. R. P. Ovsiannikov. Izv. vys. ucheb. zav.; geod. i aerof. no. 1:87-104 '61.

Establishing horizontal photo-control for surveys at a scale of 1:2,000. P. M. Shevchuk. Geod. i kart. no. 6:36-39 Je '61.

Utanov, M. N. [Adjustments in spatial phototriangulation] Uravnivanie prostranstvennoi fototriangliatsii. Moskva, Izd-vo geodez. lit-ry, 1961. 70 p.

Modernized M. D. Konshin's prophilograph and its possible use in plotting wave profiles. V. IA. Mangazeev. Izv. vys. ucheb. zav.; geod. i aerof. no. 1:105-107 '61.

Theory of the deformation of a rectified image and its use in solving some photogrammetric problems. N. IA. Bobir. Izv. vys. ucheb. zav., geod. i aerof. no. 2:87-110 '61.

Working with the SD-1 stereograph. B. V. Troitskii. Geod. i kart. no. 6:21-23 Je '61.

Zonal processing of aerial photographs on the SD-1 stereograph. K. S. Sergeeva. Geod. i kart. no. 5:22-26 My '61.

AERIAL PHOTOGRAPHY see Photography, Aerial

AERIAL SPORTS

Alla Kudelina's wings. V. Goncharenko. Kryl. rod. 12 no. 3:10-11 Mr '61.

In the International Aeronautical Federation. Kryl. rod. 12 no. 6:16 Je '61.

The title of master brings obligations. V. Pocheremin. Kryl. rod. 12 no. 3:12 Mr '61.

AEROBACTER

Antigenic characteristics of microbes from the klebsiella-Aerobacter group. B. IA. Elbert. Zhur. mikrobiol. epid. i immun. 32 no. 2:111-111 F '61.

AERODYNAMIC MEASUREMENTS

Devices for studying the aerodynamics of unsteady motions. B. A. Buiskii. Prom. aerodin. no. 19:3-8 '60.

Direct measurement of the mean value of several pressures. A. N. Petunin. Prom. aerodin. no. 19:21-47 '60.

Pickups for measuring pressures and speed in gas flows. A. N. Petunin. Prom. aerodin. no. 19:76-175 '60.

Using high-frequency electric discharges in aerodynamic investigations. A. M. Khazen. Prom. aerodin. no. 19:62-67 '60.

Using membrane transducers in measuring pulsating pressures. IU. G. Zakharov. Prom. aerodin. no. 19:9-20 '60.

AERODYNAMICS

Drakin, L. I. [Aerodynamic and radiation heat transfer in flight] Aerodinamicheskii i luchistyi i nagrev v polete. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1961. 94 p.

Nonequilibrium currents of dissociating air approaching equilibrium. L. M. Pavlova. Izv. AN SSSR Otd. tekh. nauk. Mekh. i mashinostr. no. 3:13-17 My-Je '61.

AERODYNAMICS, HYPERSONIC

Flight - explosion. L. IUr'ev. Nauka i zhizn' 28 no. 5:17-22 My '61.

Generalization of the hypersonic rule of areas. M. D. Ladyzhenskii. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 3:188-189 My-Je '61.

Hypersonic flow of a radiative gas around a wedge. V. V. Lunev. PMTF no. 2:40-46 Jl-Ag '60.

Investigating hypersonic flow of a viscous slightly rarefied gas about a plane plate. V. S. Galkin. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 3:18-21 My-Je '61.

AERODYNAMICS, SUPERSONIC

Axially symmetric supersonic flow in a quasi-circular duct. IU. A. Ryzhov. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 3:26-31 My-Je '61.

Calculating base pressure in a supersonic flow about a body of revolution. A. V. Miniatov. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 3:32-39 My-Je '61.

Investigation of nonequilibrium phenomena behind the shock wave front in air. Dissociation of oxygen. N. A. Generalov, S. A. Losev. PMTF no. 2:64-73 Jl-Ag '60.

Lifting volume of the minimum drag in supersonic gas flow. V. G. Bukovshin. Inzh. sbor. 31:217-225 '61.

Some precise solutions of the problem of natural vibrations of swept-back wing in a supersonic gas flow. V. M. Liubimov. Inzh. sbor. 31:171-178 '61.

AERONAUTICS

Ever higher! Kryl. rod. 12 no. 7:1 Jl '61.

Facts, events, and people. Kryl. rod. 12 no. 2:14-15 F '61.

Facts, events, people. Kryl. rod. 12 no. 3:14-15 Mr '61.

Facts, events, people. Kryl. rod. 12 no. 6:14-15 Je '61.

Facts, events, and people. Kryl. rod. 12 no. 7:14-15 Jl '61.

On the airplanes of the seven-year plan. E. F. Loginov. Kryl. rod. 12 no. 7:16-18 Jl '61.

Tables of all-Union aviation records as of January 1, 1961. Kryl. rod. 12 no. 3 insert Mr '61.

The winged people. B. Simakov. Agitator no. 13:15-16 Jl '61.

AERONAUTICS AS RECREATION
(see also subdivision under Katowice, Poland; Kharkov Province; Perm; Vladimir)

Fight for new records. A. Viktorov. Kryl. rod. 12 no. 3:3 Mr '61.

Great objectives are before us. I. Belov. Kryl. rod. 12 no. 3:4-6 Mr '61.

AERONAUTICS IN AGRICULTURE

Chemical control of corn and millet weeds from airplane. V. I. Ivashchenko. Zemledelie 23 no. 75 Je '61.

Let's have bigger crops. Kryl. rod. 12 no. 6:8-9

Our plans. P. I. Bilkov. Zashch. rast. ot vred. i b no. 1:41-42 Ja '60.

Reducing the loss of chemicals in airplane dusting. Funikov. Zashch. rast. ot vred. i bol. 5 no. 1:14-1 '60.

AERONAUTICS IN GEOGRAPHY

Akademiia nauk SSSR. Laboratoriia aerometodov. Use of aerial methods in the investigation of natural sources [Ispol'zovanie aerometodov pri issledo prirodnykh resursov. Moskva, 1961. 278 p.

AERONAUTICS IN GEOLOGY
(see also subdivision under Kazakhstan)

Determining the radium, thorium and potassium of rocks from an airplane. N. D. Ballasnyi and Atom energ. 10 no. 6:626-629 Je '61.

AERONAUTICS IN PUBLIC HEALTH

Traumatologic and orthopedic care provided by the airborne public health service in the Uzbek S. S. R. Shakirov, E. M. Kladova. Med. zhur. Uzb. no. 1 Ja '61.

AERONAUTICS IN WILDLIFE CENSUS see subdivision under Kamchatka

AEROSOL THERAPY

Aerosol therapy of the respiratory organs by aspiration of moist cold-vapor condensates [with summary in English]. A. K. Kiselev. Zhur. ush., nos. i gorl. 21 no. 2:44-46 Mr-Ap '61.

AEROSOLS

Construction of a variable-volume chamber for the of bacterial and viral aerosols. V. P. Zhalko-T Zhur. mikrobiol. epid. i immun. 32 no. 3:128-1 '61.

Effectiveness of aerosols in controlling tree and s bery pests in cities. S. T. Ped'ko. Zashch. rast. o i bol. 5 no. 1:24 Ja '60.

Fuks, N. A. [Progress of the mechanics of aeros Uspekhi mekhaniki aerozolei. Moskva, Izd-vo nauk SSSR, 1961. 158 p. (Itogi nauki. Khimiche nauki, no. 5)

Treatment of tuberculosis of the bronchi and lung inhalations of aerosols of garlic juice [with sum in English]. IU. M. Guzeev. Zhur. ush., nos. i bol. 20 no. 5:21-26 S-O '60.

Use of dry streptomycin aerosols in area prophy experimental plague [with summary in English] Makarovskaia. Antibiotiki 5 no. 3:38-41 My-

Using aerosols in the control of plant diseases an G. Korotkikh. Tekh. v sel'khoz. 21 no. 6:19-22

AESTHETICS

Belinskii on the interrelationship of forms and ge art. M. Kagan. Vop. lit. 5 no. 6:110-123 Je '61

Egorov, A. G. [The reactionary character of mod bourgeois aesthetics] O reaktsionnoi sushchnosti sovremennoi burzhuaznoi estetiki. Moskva, Go izd-vo khudozh. lit-ry, 1961. 366 p.

The nature of the aesthetical. V. S. Kornienko. filos. 15 no. 6:106-117 '61.

The problem of conflict in the aesthetic theory of Belinskii. M. A. Metel'skaia. Trudy Nov. inzh. inst. 9:198-224 '59.

The subject of art is unlimited. An. Dremov. Vo no. 12:106-128 D '59.

Why we can argue about tastes? A. P. Bolik. Vo 15 no. 6:128-135 '61.

AESTHETICS—STUDY AND TEACHING
(see also subdivision under Donetsk)

System and versatility. Nar. obr. no. 6:68-72 Je

AFFORESTATION
(see also subdivision under Dnieper Valley; Don Basin; Kirghiz Ala-Tau, Virgin Territory; Yerge Hills)

Materials on experiments and observations concer the role of wild animals in carrying tree and sh seeds into open biotopes of the forest-steppe Obraztsov. Soob. lab. leoved. AN SSSR no. 3:6 '61.

New method for selecting the location and width o plantations for erosion control. K. L. Kholupiak nauch.-tekh. inform. Ukr. NIILKhA no. 2:3-11 '6

AFGHANISTAN—FOREIGN RELATIONS—RUSSIA

Good neighbors. Nov. vrem. 19 no. 20:12-13 Je

AFGHANISTAN—PLANTS, PROTECTION OF

Fifteenth Afghan-Soviet Conference. I. A. Churaev Zashch. rast. ot vred. i bol. 5 no. 1:62 Ja '60.

AFRICA

Proshogin, N. P. [Good morning, Africa!] Dobro Afrika! Moskva, Gos. izd-vo polit. lit-ry, 1961. 148 p. (Afrika segodnia)

AFRICA—BIBLIOGRAPHY
[New Soviet and foreign literature on the countries of the non-Soviet East.] Nov. sov. i inostr. lit. po stran. zarub. Vost. no. 1 '61.

AFRICA—CATHOLIC CHURCH
Colonizers who wear soutanes. V. Kolobkov. Voiov. ateist. no. 3 57-60 Mr '61.

AFRICA—CHILDREN
Children are the hope of the world. Az. i Afr. segodnia. no. 6: 24-25 Je '61.

AFRICA—COMMUNIST PARTY
Consolidating the forces of the international communist movement [with English summary in insert]. L. Chernov. Az. i Afr. segodnia. no. 6 32-34 Je '61.

AFRICA—EDUCATION
Education in Africa yesterday and today. F. Machkovskaia. Nar. obr. no. 6 105-109 Je '61.

AFRICA—FOREIGN RELATIONS—RUSSIA
Friendly visit to Africa. Az. i Afr. segodnia. no. 3:2 Mr '61.
U.S.S.R. as a friend of Africa. Az. i Afr. segodnia. no. 6:63 Je '61.

AFRICA—LITERATURES
Realism and modernism in contemporary African literature. E. Gal'perina. Vop. lit. no. 12 87-96 D '59.

AFRICA—MAPS
Continent of the revolutions. Az. i Afr. segodnia. no. 3:22-22a Mr '61.

AFRICA—POLITICS
Afro-Asian Solidarity Fund set up. Az. i Afr. segodnia. no. 5: 57-58 My '61.
Brief notes on important items. Az. i Afr. segodnia. no. 5: 60 My '61.
Colonialism will not succeed! Az. i Afr. segodnia. no. 3:10 Mr '61.
"Hands off Africa!" by Kwame Nkrumah. Reviewed by A. Chelnokskii. Az. i Afr. segodnia. no. 6 58-59 Je '61.
The peoples of Africa are energetically building a new life. L. Pribytkovskii. Mezhdunar. zhizn'. 8 no. 7 36-43 Jl '61.
Resolutions of the Third Conference of the Peoples of Africa. Az. i Afr. segodnia. no. 6. 60-62 Je '61.
Solidarity forum of the peoples of Africa [with English summary in insert]. V. Kudriavtsev. Az. i Afr. segodnia. no. 5. 4-5 My '61.
Theory of "unpreparedness" and the practice of aggression ("Main political problem in the Congo and Black Africa" [in French] by Georges Hostelet. Reviewed by S. Fil'shtinskii). Az. i Afr. segodnia. no. 3:54-55 Mr '61.
Which way will Africa turn? F. Kumalo. Az. i Afr. segodnia. no. 6 35-37 Je '61.

AFRICA—TRADE UNIONS
Africa's trade unions. G. Tarasova. Nov. vrem. 10 no. 27:18-19 Jl '61.
On various continents. V. Zolotov. Sov. profsoiuzy. 17 no. 12 36-38 Je '61.
Workers of Africa unite [with English summary in insert]. IU. Popov. Az. i Afr. segodnia. no. 5:8-10 My '61.

AFRICA, CENTRAL—POLITICS
Crisis in Central Africa. E. Konovalov. Nov. vrem. 10 no. 30:8-10 Jl '61.
Crisis of colonialism in Central Africa. Idris Cox. Mezhdunar. zhizn'. 8 no. 7 134-139 Jl '61.

AFRICA, CENTRAL—SOILS
Characteristics of the vertical zonality of soils in Central Africa [with summary in English]. I. A. Denisov. Pochvovedenie. no. 6:19-25 Je '61.

AFRICA, UNION OF SOUTH see South Africa, Union of

AFRICA, WEST—DESCRIPTION AND TRAVEL
Honesty serves as a compass ("Journey without maps" by Graham Greene. Reviewed by A. Talanov). Novyi mir. 37 no. 7 280-291 Jl '61.

AFRICAN FOLK DANCING see Folk dancing, African

AFRO-ASIAN PEOPLE'S SOLIDARITY CONFERENCE, 2d, CONAKRY, 1960
Afro-Asian People's Solidarity Conference, 2d, Conakry, 1960. [Second Afro-Asian People's Solidarity Conference, Conakry, April 11-15, 1960] Vtoraia konferentsiia solidarnosti narodov Azii i Afriki, Konakri, 11-15 aprelia 1960 g. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 350 p.

AGAR
Use of the slide agar precipitation reaction in the diagnosis of smallpox [with summary in English]. S. S. Marennikova, N. N. Mal'tseva. Vop. virus. 6 no. 2:204-207 Mr-Ap '61.

AGARAK—STRIP MINING
Reducing the volume of baring operations and increasing the profitableness of strip mines of the Agarak and Kazhdaran Copper-Molybdenum Combines. G. Lusinian, TS. Khachatrian. Prom. Arm. 4 no. 2 13-16 F '61.

AGE
Excretion of allantoin with the urine in people of various ages [with summary in English]. P. V. Simakov. Ukr. biokhim. zhur. 33 no. 3, 385-391 '61.

AGGLUTINATION
Studies on para-agglutination by means of fluorescent antibodies [with summary in English]. I. V. Shantarenko. Zhur. mikrobiol. epid. i immun. 31 no. 11, 39-42 N '60.

AGGLUTININS
Intensity of synthesis of proteins of the body during the induction phase of the formation of typhoid agglutinins [with summary in English]. I. IA. Uchitel', E. L. Khavman, A. S. Konikova. Zhur. mikrobiol. epid. i immun. 32 no. 1, 17-22 Ja '61.
Relationship between the individual features of immunogenesis and typological features of the nervous system of rabbits. Report No. 1: Dynamics of agglutinin formation depending on the functional mobility of the nervous process [with summary in English]. V. N. Kiylov, O. V. Malinovskii. Zhur. mikrobiol. epid. i immun. 32 no. 1, 10-13 Ja '61.

AGGREGATES
Necessary and sufficient conditions for embedding a space into a Euclidean space. D. Dolchinov. Dokl. AN SSSR. 136 no. 6 1276-1279 Je '61.
One theorem of convergence for functionals of additive vector-functions of a set. IU. G. Rosheinik. Sib. mat. zhur. 2 no. 1:115-126 Ja-F '61.
Representations of structures by sets. K. A. Zaretskii. Usp. mat. nauk. 16 no. 1, 153-154 Ja-F '61.
Splitting endomorphisms of structures. E. N. Mochul'skii. Izv. AN SSSR. Ser. mat. 25 no. 3:443-476 My-Je '61.
Theorems on the separability of convex polyhedral sets. S. N. Chernikov. Dokl. AN SSSR. 136 no. 6:1299-1300 Je '61.

AGGREGATES (BUILDING MATERIALS)
Important means of improving the quality of fine-grained concrete aggregates. V. V. Dlougii. Strol. i arkhit. Len. 23 no. 4, 27-28 Ap '61.
In the Research Institute for Construction Materials and Parts. Biul. strol. tekh. 18 no. 4:46 Ap '61.
Mechanized means for dry concentration of concrete aggregates. I. G. Sovalov, B. V. Liul'ev. Prom. stroi. 39 no. 4, 37-41 '61.

AGING
Aging of the organism at the molecular level. Zh. A. Medvedev. Usp. sovr. biol. 51 no. 3:299-316 My-Je '61.
Effect of age and sex on the morphological state of the peripheral blood and bone marrow of healthy dogs [with summary in English]. A. K. Ivantan. Pat. fiziol. i eksp. terap. 5 no. 1 32-36 Ja-F '61.
Morphogenesis of changes in the elastic fibers of porous connective tissue. V. IA. Lipets. Arkh. pat. 23 no. 5 52-59 '61.

AGRICULTURAL ADMINISTRATION
(see also subdivision under Marin'ka District; Petrovskoye District; Tatarbunary District; Vetka District)
New legal forms of agricultural administration. G. A. Aksenok. Sov. gos. i pravo. 31 no. 6:14-26 Je '61.

AGRICULTURAL ADMINISTRATION—CONGRESSES
Conference on problems of land organization and agricultural planning. N. Burikhin, V. Troitskii. Ekon. sel'khoz. 32 no. 6:108-111 Je '61.

AGRICULTURAL BOTANY see also subdivision 'Botany, Economic' under Altai Mountains

AGRICULTURAL CHEMICALS
Extensive experiments with agricultural chemicals. A. M. Nikiforov. Zemledelie. 23 no. 6:91-92 Je '61.

AGRICULTURAL CONTRACTS see Contracts, Agricultural

AGRICULTURAL CREDIT
(see also subdivision under Bogovarovo District; Novosibirsk Province)
On the problem of monetary wages on collective farms. M. IAntushkin, IU. Liamin. Sots. trud. 5 no. 12-21-31 D '60.

AGRICULTURAL EXHIBITIONS see subdivision under Moscow

AGRICULTURAL EXPERIMENT STATIONS see subdivision under Pereslavl' District; Podol'sk District

AGRICULTURAL IMPLEMENTS
Small-scale mechanization on a school proving ground. I. Kozyr'. IUn. tekh. 5 no. 3:49-51 Mr '61.

AGRICULTURAL JOURNALISM see Journalism, Agricultural

AGRICULTURAL LABORERS
This is where it began. A. Taradankin. Sov. voin. 43 no. 9:8 My '61.

AGRICULTURAL LAWS AND LEGISLATION
Leningrad. Universitet. [Problems in collective-farm law] Voprosy kolkhoznogo prava. [Leningrad] 1961. 97 p.

AGRICULTURAL MACHINERY
(see also subdivision under Novaya Usman' District, Rybtsovsk District)
Advanced practices in the mechanized cultivation of row crops. IU. K. Kirtbaia. Visnyk sil'. hosp. nauky. 1 no. 6 36-42 Je '61.
Effect of vibrating agricultural machines on the health of workers operating them. E. M. Zel'terman, A. M. Kontorer. Trakt. i sel'khozmash. 31 no. 7 26-27 Jl '61.
Give agriculture more high-quality machinery. V. Lavrent'ev. Trakt. i sel'khozmash. 31 no. 7 16-19 Jl '61.
Give more attention to the improvement of working conditions of machinery operators. G. Krilkov, M. Bol'shov. Tekh. v sel'khoz. 21 no. 6 1-3 Je '61.
Investigating efficient shapes and optimum geometrical parameters of thin-walled sections used for agricultural machinery and subjected to repeatedly alternating loads. G. V. Kabat. Dokl. TSKhA. no. 66 295-308 '61.
Investigations and principles of designing agricultural machinery frames from thin-walled bent sections on the basis of the KGP-2 potato combine. I. S. Sinitsgovskii, A. S. Kolotushkin. Dokl. TSKhA. no. 66 281-287 '61.
Kinematic calculation of certain multilinked mechanisms. N. D. Luchinskii. Mekh. i elek. sots. sel'khoz. 19 no. 3 25-29 '61.
Lyshko, G. P. [Technological progress in agriculture] Tekhnicheskii progress v sel'skom khoziaistve. Kishinev, Gos. izd-vo "Kartia moldovenieske," 1960. 105 p.
(DA)
Machinery is needed for mountain orchards. I. Pyshko. Tekh. v sel'khoz. 21 no. 6 89 Je '61.
Make better use of available agricultural machinery. Z. S. Kisel'gof, A. I. Pisarev. Trakt. i sel'khozmash. 31 no. 6:36-38 Je '61.
Mechanized sugar beet cultivation in the Kuban. G. Egorov. Tekh. v sel'khoz. 21 no. 5 11-15 Je '61.
New loading machines. S. Sergazin. Ekon. sel'khoz. 32 no. 6 85-87 Je '61.
New machinery for irrigation farming. Z. Metel'skii. Tekh. v sel'khoz. 21 no. 6 42-43 Je '61.
Operating tractor-driven machinery at increased speeds. V. N. Boltinskii. Mekh. i elek. sots. sel'khoz. 19 no. 3: 1-6 '61.
Over-all mechanization of vegetable growing. A. Novikov. Tekh. v sel'khoz. 21 no. 6 6-10 Je '61.
Practices of Omsk high-speed operators. M. A. Putintsevn, N. V. Krasnoshchekov. Vest. sel'khoz. nauki. 6 no. 6 126-132 Ja '61.
Raevskii, N. P., and B. V. Vladimirov. [Theory, design, and manufacture of agricultural machinery] Teoriia, konstruktsiia i proizvodstvo sel'skokhoziaistvennykh mashin. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry.
Vol. 7. [Atlas of general agricultural machinery parts] Atlas obshchikh detalei sel'skokhoziaistvennykh mashin. 1945. 335 p.
Sokov, K. F. [Lessons on agricultural machinery; manual for teachers] Uroki po izucheniiu sel'skokhoziaistvennykh mashin, posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 98 p.
(DA)
Sound signals of pickup balers. B. Turovskii. Tekh. v sel'khoz. 21 no. 6 71-72 Je '61.
Technological charts in swine breeding. A. Gurin. Ekon. sel'khoz. 32 no. 2 75-80 F '61.
Useful devices. P. Golyshev. Tekh. v sel'khoz. 21 no. 6 83-84 Je '61.
Using high-speed motion-picture photography for investigating the performance of agricultural machinery. V. I. Formin, B. I. Zhuravlev, E. I. Bazhenov. Trakt. i sel'khozmash. 31 no. 6: 35-36 Je '61.
Using negative feedback for improving the efficiency of machinery. A. A. Dubrovskii, S. P. Gel'fenbein. Mekh. i elek. sots. sel'khoz. 19 no. 3, 30-32 '61.
What prevents better utilization of machinery. V. P. Shevel'. Mekh. sil'. hosp. 12 no. 7:24-25 Jl '61.
Working conditions on tractors and agricultural machinery. G. Krilkov, M. Bol'shov. Trakt. i sel'khozmash. 31 no. 7:17-18 Jl '61.

AGRICULTURAL MACHINERY—BIBLIOGRAPHY see Bibliography—Agricultural machinery

AGRICULTURAL MACHINERY—DYNAMICS
Equation for the dynamics of tractor-drawn machinery. V. P. Roslikov. Dokl. TSKhA. no. 66 321-326 '61.

AGRICULTURAL MACHINERY—ELECTRIC DRIVING
For more extensive research in modifying mobile agricultural machinery units for electric driving. S. P. Bondarenko. Visnyk sil'hosp. nauky. 4 no. 5:12-15 My '61.

AGRICULTURAL MACHINERY—EXHIBITIONS

Meeting scouts of the future. O. Pisarzhevskii Nauka i zhizn' 28 no 5:1-7 My '61

New agricultural machinery at the Paris Exhibition. V. I. Lozovoi. Trakt. i sel'khozmash. 31 no. 7 44-47 Jl '61

AGRICULTURAL MACHINERY—MAINTENANCE AND REPAIR

Advice for machinery operators. Tekh v sel'khoz. 21 no. 6:93 Je '61

Installation for washing machinery parts. V. Zinov'ev Tekh. v sel'khoz 21 no. 6:84-85 Je '61.

AGRICULTURAL MACHINERY—TECHNOLOGICAL INNOVATIONS

Inventions for farms. Izobr. i rats. no. 7:17, 18, 19 Jl '61.

AGRICULTURAL MACHINERY—TESTING

Results of testing new machinery for sugar beet growing. G. M. Kukta, Z. P Kitaitseva Mekh. i elek sots sel'khoz. 19 no 3:55-59 '61

AGRICULTURAL MACHINERY—WHEELS

Determining the skidding of the driven wheels of agricultural machines (with summary in English) G. A Khalilis. Trudy VNIIL no 6 220-243 '60.

AGRICULTURAL MACHINERY INDUSTRY
(see also subdivision under Berdyansk; Gorkiy; Lvov, Lyubertsy, Rostov-on-Don, Rostov Province)

Eitel', A. V. [Technology of agricultural machinery manufacturing] Tekhnologiia sel'skokhoziaistvennogo mashinostroeniia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 287 p.

Items from technical and economic information bulletins of the councils of national economy, B K. Kharitonov. Trakt. i sel'khozmash. 31 no. 7 3 of cover Jl '61.

Modernization of agricultural machinery plants. N. F. Sokolov. Trakt i sel'khozmash. 31 no. 7:34-37 Jl '61.

Production indices in tractor and agricultural machinery industry. K. V. Kolesova. Trakt. i sel'khozmash. 31 no 7:37-39 Jl '61

Third All-Union Scientific Technical Conference. R. A. Kapitskii. Trakt. i sel'khozmash. 31 no. 7:48-3 of cover Jl '61.

AGRICULTURAL METEOROLOGY see Meteorology, Agricultural

AGRICULTURAL PESTS

Forecasting the pest outbreaks for 1960. I. IA. Poliakov. Zashch. i ast. ot vred. i bol 5 no. 1:30-33 Ja '60.

Some characteristics of the distribution of individual groups of injurious beetles in Azerbaijan. N G Samoedov Izv AN Azerb SSR Ser. biol. i med. nauk no. 2 49-54 '61

AGRICULTURAL PESTS—CONGRESSES

Agricultural entomology at the Eleventh International Entomological Congress in Vienna, E. M. Shumakov. Ent. oboz. 40 no. 2:477-491 '61.

AGRICULTURAL PHYSICS

"Physics in agriculture" by I. B. Revut. Reviewed by S. A. Kudrin Zemledelie 23 no 6,93-94 Je '61.

AGRICULTURAL POLICY
(see also subdivision under Virgin Territory)

Kotlukhov, G. A. [How the CPSU dealth with the grain difficulties in Russia during 1928-1929] KPSS v bor'be khlebnymi zatrudneniiami v strane, 1928-1929. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 243 p.

A steady upsurge in agriculture is everybody's business. Ekon. sel'khoz. 32 no. 2, 3-10 F '61,

AGRICULTURAL RESEARCH
(see also subdivision under Armenia; Estonia; Gorkiy; Ukraine)

In the Presidium of the Lenin All-Union Academy of Agricultural Sciences. Vest. sel'khoz. nauki 6 no 6: 140-142 Ja '61,

January Plenum of the Central Committee of the C.P.S.U Mikrobiologiia 30 no. 2 193-196 Mr-Ap '61.

Meeting scouts of the future. O Pisarzhevskii. Nauka i zhizn' 28 no. 5:1-7 My '61.

University department is helping agricultural production P. G. Aderikhin. Vest. vys. shkoly 19 no. 6 37-38 Je '61.

AGRICULTURAL WAGES
(see also subdivision under Hungary; Leningradskiy District)

How to introduce a new wage system in repair shops. K. Valtov, S. Volokhov. Tekh. v sel'khoz. 21 no. 6: 90-93 Je '61.

Introducing progressive wage systems on state and collective farms. M. N. Gromov. Dokl. TSKhA no. 58, 125-141 '60.

Larionov, A. P. [Establishing work standards and wage schedules on collective and state farms] Normirovanie i tarifikatsiia truda v kolkhozakh i sovkhozakh. Moskva, Gosplanizdat, 1961. 167 p.

Payment of wages for machinery operators on the "Put' k kommunizmu" Collective Farm. I. Rublev. Tekh. v sel'khoz. 21 no. 6:56-57 Je '61.

Supplementary pay for collective farm machinery operators Sel' mekh no 6;22-23 '61.

Wage payment systems for state farm and other state agricultural workers Biul Gos kom po vop. truda i zar platy no 1 30-37 '61

Wages depend on results, I Kondratiuk, Sel'. mekh no 6:1 '61

We answer readers' letters. Sel'. stroi. 15 no. 4:28 Ap '61.

AGRICULTURE
(see also subdivision under Archangel Province, Armenia, Bashkiria, Bershad' District; Brest Province; Grodno, Iraq, Irkutsk Province; Kazakhstan; Kharkov; Khmel'nitskiy Province, Mongolia, Novoannenskiy District, Novosibirsk Province, Rostov Province; Ryazan Province, Tselina District, Ukraine, United States; Uzbekistan, Virgin Territory, Volga Valley, White Russia)

Brief news. Komsom. zhizn' no. 23:9-11 D '59.

A concrete program for action ("Raising the standard of living and some problems concerning our efforts to increase the output of agricultural products" by N. S. Khrushchev. Reviewed by N. Zabolupin). Agitator no. 13, 61-63 Jl '61.

Dokuchaev, V. V. [Works] Sochineniia. Moskva, Izd-vo Akad. nauk SSSR.

Vol. 6. [Papers and addresses. Correspondence] Raboty i vystupleniia. Perepiska. 1961. 556 p.

Evseenko, P. M. [Economic and organizational aspects of socialist agriculture] Ekonomika i organizatsiia sotsialisticheskogo sel'skokhoziaistvennogo proizvodstva. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 639 p. (Uchebniki i uchebnye posobiia dlia sel'skokhoziaistvennykh tekhnikumov)

For the happiness of our people Volov ateist no. 2-3-4 F '61

Give the country more agricultural products Muk -elev prom 27 no. 6 1-2 Je '61

Immediate problems of agriculture and how to solve them. M G. Chizhevskii. Dokl TSKhA no 63 5-10 '61.

Importance of geomorphology in agriculture D L. Armand Vop geog. no 52 12-27 '61

Important step on the way to communism. G. Savel'ev, Tyl i snab Sov. Voor. Sil 21 no 2 7-9 F '61.

Khmel'noe, I. G. [Make every hectare of land fertile] Dognatym sdelat' kazhdyi gektar zemli. [Moskva] Mosk. rabochii, 1961. 63 p. (Obshchedostupnaia bibliotechka po ekonomike sel'skokhoziaistvennogo proizvodstva)
(DA)

Leninist concern for the welfare of our people ("Raising the standard of living and some problems concerning our further efforts to increase the output of agricultural products" by N.S. Khrushchev. Reviewed by M, Turchaninov). Komm. Ukr. 36 no. 7:0-17 Jl '61.

Make full use of hidden potentialities. Agitator no. 7: 36-37 Ap '61.

Means for further development and improvement of the petroleum supply system. A. A Keller. Neft. khoz. 39 no. 7 48-52 Jl '61.

Methods for solving the problems of agricultural specialization in planning for the future A I. Dushkin Dokl. TSKhA no. 58, 101-108 '60

Organizing a temporary comittee at the State Scientific Technological Board of the R S F. S. R. on automation of agricultural production processes. P. N. Zhuravlev. Biul. tekh. -ekon. inform. no 6:72 '61.

Potapov, A. I. [Practical work in agriculture; manual for students of pedagogical institutes] Praktikum po sel'skomu khoziaistvu; posobie dlia studentov pedagogicheskikh institutov. Izd. 2., dop. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 386 p.
(DA)

Problems in the development of backward agricultural areas. A. V. Bolgov Vest AN SSSR 31 no 6:76-80 Je '61.

Smirnov, B. V. [Communications in agriculture] Sviaz' v sel'skom khoziaistve. Izd. 2., perer. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 407 p. (Uchebniki i uchebnye posobiia dlia massovykh kadrov)

Zholnerovich, A. M., and A. F. Danilovich. [Agricultural utilization of drained areas] Sel'skokhoziaistvennoe osvoenie osushennykh zemel'. Moskva, Izd-vo "Znanie," 1961. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 5, Sel'skoe khoziaistvo, no. 12)

AGRICULTURE—ACCIDENTS

Materials on otorhinolaryngological injuries in agriculture [with summary in English]. A. O. Shul'ga, V. M. Zhezha. Zhur. ush., nos. i gorl. bol. 21 no. 2: 58-61 Mr-Ap '61.

Preventing agricultural accidents. V. A. Nesterov, L. D. Ardzhanova Sov. zdrav 19 no. 3, 25-28 '60.

AGRICULTURE—ACCOUNTING

Operation reports in agriculture. S. Sokolov, I. Popov. Vest. stat. no. 6:72-73 '61.

AGRICULTURE—BIBLIOGRAPHY see Bibliography—Agriculture

AGRICULTURE—COSTS

Evaluate collective farmers' labor expenditures in estimating collective farm production costs correctly A. Silin Vest stat no 6 23-32 '61

AGRICULTURE—ECONOMIC ASPECTS
(see also subdivision under Asia, Southeastern, Kazakhstan, Polesye, Virgin Territory)

Collected articles on agricultural economics Zemledelie 23 no. 6,92 Je '61

Kastorin, A. A. [Problems of economics and organization in the agriculture of the U.S.S.R. for study in school; manual for teachers] Nekotorye voprosy ekonomiki i organizatsii sel'skogo khoziaistva SSSR dlia uchitelia. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 200 p.

Methods of determining the economic effectiveness of agricultural machinery and investments. N.S. Vlasov Dokl TSKhA no. 58, 73-97 '60.

AGRICULTURE—ECONOMIC ASPECTS—AUDIO-VISUAL AIDS

[Economics of Socialist agricultural enterprises; visual aid album for rural elementary schools and study groups in economics] Ekonomika sotsialisticheskikh sel'skokhoziaistvennykh predpriiatii; al'bom naglidnykh posobii dlia sel'skikh nachal'nykh ekonomicheskikh shkol i kruzhkov. [Iaroslavl'] Izd-vo "Sovetskaia Rossiia," 1960. 26 plates.

AGRICULTURE—EXPERIMENTATION

Equipment for experimental and practical use Vest. sel'khoz nauki 6 no 6,121-127 Je '61,

AGRICULTURE—FINANCE

Ways of utilizing production funds of collective and state farms better M Vainer, M Golenko Ekon sel'khoz 32 no 2 91-103 F '61.

AGRICULTURE—FIRES AND FIRE PREVENTION

New posters. Pozh. delo 7 no. 6:31 Je '61.

AGRICULTURE—INFORMATION SERVICES see subdivision under United States

AGRICULTURE—LABOR PRODUCTIVITY
(see also subdivision under United States, Virgin Territory)

Effect of the intensification of agriculture on labor productivity. E. B. Khlebugin. Dokl TSKhA no 59 199-210 '60.

How to increase labor productivity on collective sugar beet farms. N. Naida. Ekon. Rad. Ukr. no. 3:69-81 My-Je '61.

Kolesnov, S. G. [How to increase labor productivity in agriculture] Kak povysit' proizvoditel'nost' truda v sel'skom khoziaistve. Moskva, Izd-vo "Znanie," 1961. 46 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 5, Sel'skoe khoziaistvo, no. 11)

Technical progress and labor productivity in agriculture of the U. S. S. R S G. Kolesnov Dokl TSKhA 27-41 '60.

AGRICULTURE—MAPS

"Atlas of Soviet agriculture." Reviewed by I Kuvaev Ekon. sel'khoz. 32 no. 2 121-124 F '61.

AGRICULTURE—PERIODICALS
(see also subdivision under Kazakhstan)

Let's improve the format and printing of agricultural magazines. B. A. Somolov. Poligr. proiev. no 5 6 My '61

AGRICULTURE—PRODUCTION STANDARDS
(see also subdivision under Rostov Province, Ukraine)

Larionov, A. P. [Establishing work standards and wage schedules on collective and state farms] Normirovanie i tarifikatsiia truda v kolkhozakh i sovkhozakh. Moskva, Gosplanizdat, 1961. 167 p.

AGRICULTURE—STUDY AND TEACHING
(see also subdivision under Bulgaria; Tarutino District)

A "district institute of progressive experience." A. Valleev. Agitator no. 13:46-48 Jl '61.

In the Ministry of Education of the R. S. F. S. R. Nar. obraz no. 6:124-125 Je '61.

Let's learn biological laws and master modern methods V. I. Edel'shtein Vest. vys. shkoly 10 no 6:34-38 Je '61

AGRICULTURE, COOPERATIVE

Principles of the balance method in agricultural planning S. F. Domidov. Dokl. TSKhA no. 59:5-25 '60

AIDS TO NAVIGATION—CONGRESSES

Fourth International Conference on Beacons and Other Aids to Navigation. I. Kalinskii. Mor. flot 21 no. 41-42 Je '61.

AIR

Approximate analytic representation of thermodynamic air functions. V. V. Mikhailov. Inzh. sbor. 31:204 '61.

AIR—ANALYSIS
Apparatus for demonstrating the properties of exhaled air I P. Arskii Khim. v shkole 16 no 2,84-85 Mr-Ap '61

AIR—MICROBIOLOGY
Bacteriological investigation of clouds and air masses of various origins [with summary in English] IA G Kishko Zhur mikrobiol epid. i immun 31 no 12 90-94 D '60
Comparative evaluation of various methods in the determination of pathogenic cocci in the air of hospitals [with summary in English]. V A IAroshenko Zhur. mikrobiol. epid i immun 32 no 3 64-68 Mr '61.
Quantitative determination of diphtheria anatoxin aerosol [with summary in English] S N Muromtsev and others Zhur mikrobiol epid i immun 31 no. 8:47-50 Ag '60
Virological examination of the air. G. S. IAkovleva, S. V. Shandurin. Vop. virus. 6 no. 2:236-237 Mr-Ap '61

AIR—POLLUTION
(see also subdivision under Vinnitsa)
Basic problems of industrial hygiene in the synthetic alcohol industry [with summary in English]. T. P. Urusova. Gig. i san. 26 no. 1:19-23 Ja '61.
Case of fluorine damages to green plants. V. I. Petrov, F. S. Pinskaia, L. I. Logacheva. Gig. i san. 26 no. 1 77 Ja '61.
Study of air pollution by discharges in the synthetic fatty acid and alcohol industries [with summary in English]. F. I. Dubrovskaia. Gig. i san. 26 no. 1:7-10 Ja '61.

AIR, IONIZED
Effect of aeroionization and vitamin therapy on the work capacity of athletes M. A. Vytchikova Teor. i prak. fiz. kul'. 24 no. 6 446-449 '61.
Therapeutic apparatus at the Kiev central telegraph. P P Bazhan Vest. sviazi 21 no 5:24 My '61

AIR, IONIZED—THERAPEUTIC USE
Aeroionization and its therapeutic use. A. S Novraeva Med sestra no. 5 37-41 My '61
Aeroiontherapy. V. IE. Levi. Med. sestra no. 5 31-34 My '61.
Hydroaeroionization and its use under sanatorium conditions. K. M. Povar. Med. sestra no. 5:55-56 My '61.
Organization of the work in a ionization section. E. F. Nekrasova. Med. sestra no. 5 53-55 My '61.

AIR CONDITIONING
Use of froth air washers in air-conditioning installations V. M Krupchatnikov. Vod. i san. tekh no 5:25-29 My '61

AIR CURTAINS
Calculation of air curtains at the gates of industrial buildings. M M. Shatskii Vod i san tekh. no. 5 15-20 My '61

AIR-ENTRAINED CONCRETE
Improving the manufacturing techniques for air-entrained fly ash concrete. L. Rozenfel'd and others. Na stroi. Ros. no. 2:33-34 F '61.
Plant producing air-entrained concrete articles in Novosibirsk M. IA. Krivitskii, A A Loirikh, I. D Meiekin. Stroi. i mat 7 no. 5:23-27 My '61.

AIR FLOW
Investigating the radial components of velocity pulsations in the movement of air in short tubes [with summary in English] I. T. Shvets' and others. Dop AN URSR no 5 644-647 '61.

AIR-PASSAGES see Respiratory organs

AIR PILOTS
Names of pilots on the map N. Kuz'min. Kryl. rod 12 no 3 23 Mr '61.

AIR PILOTS—DISEASES AND HYGIENE
The sportsman's daily regimen. I. Pishchugin. Kryl. rod. 12 no. 7. 26 Jl '61.

AIRFOILS
Some precise solutions of the problem of natural vibrations of swept-back wing in a supersonic gas flow. V. M. Liubimov. Inzh. sbor. 31:171-176 '61.

AIRPLANE INDUSTRY see subdivision under Czechoslovakia

AIRPLANE RACING
A flier must fly. N. Nesterenko. Kryl. rod. 12 no. 3: 12 Mr '61.
1961 program. IA. Forostenko. Kryl. rod. 12 no. 3: 18-19 Mr '61.

AIRPLANES—ENGINES
Noise control in test centers of airplane engine plants. I. K. Nazumov. Gig. i san. 26 no. 1:100-104 Ja '61.

AIRPLANES—EQUIPMENT AND SUPPLIES
Mechanization to replace manual labor. N. I. Khinyi, S. A Nikolaev. Vest Vozd. Fl. no. 3:61-66 '61.
"What automatic equipment does on an airplane" by M F. Rebrov. Reviewed by V. Frolov. Kryl. rod. 12 no. 6: 26 Je '61.

AIRPLANES—LANDING
The airport does not permit the landing, but.... I. Tompakov. Vokrug sveta no. 6:57 Je '61.

AIRPLANES—MAINTENANCE AND REPAIR
Great force of competition I. Pavlov. Tyl i snab. Sov Voor Sil 21 no 3 30-31 Mr '61.
Safety regulations must not be forgotten. V. A. Lander Vest. Vozd Fl no. 3 69-71 '61.

AIRPLANES—MODELS
(see also subdivision under Kishly, Ukraine)
According to new rules A. Ermakov. Kryl. rod. 12 no 3 26-27 Mr '61.
The engine can be boosted! V Natalenko Kryl rod 12 no 2 26-27 F '61
Flying field for control-line models. Kryl. rod. 12 no 6 26 Je '61.
Let's fly our V-1 models Kryl. rod 12 no. 2 6 F '61
Let's have models flying farther V Gnlek Kryl rod. 12 no 7 29-30 Jl '61.
Models made by foreign champions. Kryl. rod 12 no 3 31 Mr '61
New solutions. Kryl. rod 12 no 2,31 F '61.
Proportional control equipment L. Teplov. Kryl rod. 12 no 2 28-30 F '61
Radio-controlled winners of all-Union model competitions Kryl rod 12 no 2 insert F '61
"Shkol'nik" model airplane and glider. Kryl. rod. 12 no 6 insert. 1 Je '61
Small planes in the air I Kostenko Kryl rod. 12 no 6-27 Je '61
Testing the MD-2, 5cm^3 miniature engine. Kryl rod 12 no. 7 24b Jl '61
Timer model in a wind tunnel. V. Spivak Kryl rod. 12 no 7 26-27 Jl '61
V-1 "Iskra" fuselage model plane. Kryl. rod. 12 no 6 insert 2 Je '61.
We must have records! Kryl. rod 12 no 2-3 F '61
Word of a champion N Turkin Kryl. rod. 12 no. 3 28-30 Mr '61
You have learned, now teach others. Kryl. rod. 12 no. 7:2 Jl '61.

AIRPLANES—PILOTING
Features of piloting the A-15 (to be continued) V. Simonov. Kryl. rod. 12 no. 7 24-25 Jl '61.
Gaining altitude at the expense of speed. S. A Mikolan. Vest. Vozd. Fl no 3 52-60 '61.
Pilot's reliable assistants. I. Sukharev. Kryl. rod. 12 no. 3 24-25 Mr '61.
Taking past errors into account. N. Vasil'eva. Kryl. rod. 12 no. 6 25 Je '61.
Taxing, take-off, landing V. Vasil'ev. Kryl rod 12 no. 2,10 F '61.
Yak-18P in flight. B. Vasenko. Kryl. rod. 12 no. 7: 21-23 Jl '61

AIRPLANES—JET PROPULSION
Russian inventor N. A. Teleshov. N. Semenkevich Kryl rod. 12 no 6 29 Je '01

AIRPLANES—RAMJET ENGINES
Ramjet engine. B. Stepanov. Kryl. rod. 12 no 6-30-31 Je '61.

AIRPLANES—WINGS, TRIANGULAR
Russian inventor N. A. Teleshov N Semenkevich. Kryl rod. 12 no. 6-29 Je '61.

AIRPORTS
Airplanes take off from the bare earth G. Mykal. Tyl i snab. Sov. Voor. Sil 21 no. 3-67-70 Mr '61.
Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Technical specifications SN 120-60 for designing airport pavements] Tekhnicheskie uslovila proektirovanila aerodromnykh pokrytii SN 120-60. Moskva, Gos. izd-vo po stroit., arkhit. i stroit. materialam, 1961. 78 p.
Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Technical specifications SN 121-60 for carrying out, inspecting and approving airport construction work] Tekhnicheskie uslovila proizvodstva i priemki aerodromno-stroit. rabot SN 121-60. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 295 p.

AIRPORTS—BUILDINGS see subdivision under Kiev

AIRPORTS—EQUIPMENT AND SUPPLIES
Loading and unloading machines used in airports. A. V. Nemchinov, V. M. Tikhonov. Biul. tekh. -ekon. inform. no. 5:72-76 '61.

AIRPORTS—RUNWAYS
Palatnikov, E. A. [Designing reinforced-concrete slabs for airport pavements] Raschet zhelezobetonnykh plit pokrytii aeroportov. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, Moskva, 1961. 94 p.

AKMOLINSK see Tselinograd

AKSTAFA VALLEY—SOILS
Gray-Brown soils of the brushwood-arid steppe in the basin of the Akstafa River and some of their genetic and agricultural characteristics [in Azerbaijani with summary in Russian]. Sh. G. Gasanov. Izv AN Azerb. SSR. Ser. biol i med nauk no. 2:77-86 '61.

AKTYUBINSK PROVINCE—CHROMITE
Thermographic investigation of chromite ores from the Kimpersay massif. S. M. Zubakov, Z. K. Kairbaeva Izv AN Kazakh. SSR Ser. met., obog. i ogneup. no. 1: 73-83 '61

AKTYUBINSK PROVINCE—GRAPTOLITES
Tremadoc graptolites and adjacent sediments in Aktyubinsk and Orenburg Provinces A M Obut Trudy GIN no. 10 146-149 '61.

AKTYUBINSK PROVINCE—MAGNESITE
Magnesite in the Kimpersay massif of ultravasic rocks P. N Babin, L. K. Vendelova, B N Karlyshev. Izv. AN Kazakh. SSR Ser. met., obog. i ogneup no. 1 59-72 '61

AKTYUBINSK PROVINCE—TRILOBITES
Certain tremadoc trilobites in Aktyubinsk Province E A Balashova Trudy GIN no 18 102-115 '61

AKULOV, NIKOLAI SERGEEVICH, 1900-
Nikolai Sergeevich Akulov (on the occasion of his 60th birthday). Shor. nauch. trud Fiz. -tekh. inst. AN BSSR no. 6 3-7 '60

ALA-TAU, KUZNETSK see Kuznetsk Ala-Tau

ALANI see subdivision under Europe, Western

ALANINE
Inclusion of phenylalanine-C^{14} into proteins of transplanted animal tumors [with summary in English]. Pan' Tsi-tsao [P'an Ch'i-ts'ao]. Vop. med. khim. 7 no. 2:149-154 Mr-Ap '61.
Mechanism of antiphage activity of antitumor preparations [with summary in English] T. N Broker Zhur. mikrobiol epid i immun. 31 no 12 84-89 D '60

ALATYR'—RAILROADS—TIES
The man and the department. IU. Babikov. Izobr. i rats. no. 7:27-28 Jl '61.

ALAZAN' VALLEY—DIPTERA
Fauna of bloodsucking midges of the genus Culicoides Latr in the Alazan' Valley, Azerbaijan Sh M Dzhafarov. Izv AN Azerb. SSR Ser. biol i med. nauk no. 2 73-76 '61.

ALBANIA—CRIMINAL LAW
Gel'fer, M. A., ed. [The People's Republic of Albania. Translated from the Albanian] Narodnaia Respublika Albaniia. Moskva, Gos. izd-vo iurid. lit-ry, 1961, 150 p. (Ugolovnoe zakonodatel'stvo zarubezhnykh sotsialisticheskikh gosudarstv)

ALBINOS AND ALBINISM
Condition of the nerve receptor apparatus of the skin, perspiration, and neurovascular reactions in vitiligo [with summary in French]. Shao Chan'-gen' [Shao Ch'an-ken]. Shor nauch. rab. po lepr. i derm. no. 13: 91-102 '59.

ALBUMIN
Glucopeptides liberated by proteases from egg albumin [with summary in French] E. D. Kaverzneva, TSi De-fan [Ch'i Teh-fang]. Biokhimiia 26 no 3 420-425 My-Je '61.
Role of disulfide groups in the formation of gels during acid-alkaline denaturation of egg albumin [with summary in English]. I M. Bulankin and others. Ukr. biokhim. zhur. 33 no. 3:307-314 '61.
Solubilization and optical rotation in solutions of egg albumin [with summary in English]. Vysokom. soed. 3 no. 6:847-851 Je '61.

ALCOHOL
(see also subdivision under Chernigov; Michurinsk)
Complete processing of potatoes to starch and alcohol. V. M. Zelenskii. Spirt. prom. 27 no. 4:30-31 '61.
Processing of sirup mixed with grain. A. L. Maichenko, M. T. Poliunova. Spirt. prom. 27 no. 4:8-11 '61.
Purification of toxoids of Cl. perfringens by precipitation with alcohol and acetone [with summary in English] L. IA. Marmalevskaia, V. A Blagoveshchenskii. Zhur mikrobiol. epid. i immun 32 no. 1:110-113 Ja '61
Study of air pollution by discharges in the synthetic fatty acid and alcohol industries [with summary in English]. F. I. Dubrovskaia. Gig. i san. 26 no. 1:7-10 Ja '61.
Using alcohol-novocaine blocks for therapeutic purposes. O. F. Rusinov. Visnyk akt'hosp. nauky 4 no. 7:114-115 Jl '61.

ALCOHOL—PHYSIOLOGICAL EFFECTS
Effect of alcohol on speed, force and precision of reaction. O. Imelik, P. Khein, E. Kurrik. Teor. i prak. fiz. kul'. 23 no. 10:758-760 '60.

ALCOHOL—TOXICOLOGY
Basic problems of industrial hygiene in the synthetic alcohol industry [with summary in English]. T. P. Urusova. Gig. i san. 26 no. 1:19-23 Ja '61.

ALCOHOLISM AND CRIME
Clinical aspects and forensic psychiatric evaluation of rapidly developing alcoholic paranoias. Kh. A. Gasanov. Med. zhur. Uzb. no. 1:61-65 Ja '61.

ALCOHOLS

Alcohols and the properties of their monomolecular layers in protecting reservoir water from evaporation A. D. Petrov and others. Dokl. AN SSSR 138 no. 6 1395-1398 Je '61.

Catalytic hydrogenation of dimethylvinylethynylcarbinol. L. Kh. Freidlin, B. D. Polkovnikov, V. I. Goroshkov. Izv. AN SSSR, Otd. khim. nauk no. 6 1120-1127 Je '61.

Copolymerization of vinylpyrrolidinone and vinylcaprolactam with dimethylvinylethynylcarbinol [with summary in English] M. F. Shostakovskii, E. P. Sidel'kovskaia, F. Ibragimov. Vysokom. soed. 3 no. 7 976-979 Jl '61.

Effect of the isotopic substitution of deuterium for hydrogen on the vapor pressure of some alcohols. A. A. Efremov, IA. D. Zel'venskii. Zhur. VKHO 6 no. 3 359-360 '61.

Interesterification of trialkyl phosphites with aliphatic alcohols. M. G. Imanov. Zhur. ob. khim. 31 no. 6 1770-1773 Je '61.

Lactones and lactams. Report 20. Reactions of N-(chloralkyl) lactams with alcohols. M. F. Shostakovskii and others. Izv. AN SSSR, Otd. khim. nauk no. 6 1111-1116 Je '61.

Preparation of 2,4-dinitrophenyl derivatives of tertiary alcohols. G. G. IAkobson, N. N. Vorozhtsov jun. Zhur. VKHO 6 no. 3 360 '61.

Quantitative determination of monoatomic alcohols by acrylonitrile [with summary in English]. S. I. Obtemperanskaia, A. P. Terent'ev, M. M. Buzlanova. Zhur. anal. khim. 16 no. 3, 372-374 My-Je '61.

Selective hydrogenation of aldehydes to alcohols. S. Z. Levin, A. Z. Karpov. Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no. 2, 361-365 '60.

Study of the complex formation of alcohols with electrolytes, based on the curves of physical titration to the turbidity threshold. E. K. Nikitin, S. I. Spitsyna. Izv. vys. ucheb. zav.; khim. i khim. tekh. 4 no. 1, 33-37 '61.

Type of reactivity of the hydroxyl group in alcohols. B. V. Tronov, G. P. Naletova. Izv. vys. ucheb. zav.; khim. i khim. tekh. 4 no. 1, 162-164 '61.

ALDEHYDES

Selective hydrogenation of aldehydes to alcohols. S. Z. Levin, A. Z. Karpov. Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no. 2, 364-365 '60.

ALDOLASE

Diagnostic and prognostic value of serum transaminase and aldolase activity tests in patients with Botkin's disease. T. A. Veselovskaia, P. D. Stanishov. Sov. med. 25 no. 5 47-52 My '61.

ALDRIN

Preparation and use of insecticidal lacquers and paints. Report No. 2. Insecticidal paints containing dieldrin and aldrin. D. F. IAzikov. Zhur. mikrobiol. epid. i immun. 32 no. 4 102-108 Ap '61.

Toxicity of aldrin and dieldrin in the control of the migratory and the Italian locust. E. P. TSyplenkov, G. A. Popov, M. S. Strubinskii. Zashch. rast. ot vred. i bol. 5 no. 1, 28-29 Ja '60.

ALEKSEEV, NIKOLAI SERGEEVICH

The German Democratic Republic conferred the honorary doctor of law degree on a Soviet lawyer. Izv. vys. ucheb. zav., prav. 1 no. 1, 181 '60.

ALFALFA

Biology of flowering and fruit formation in alfalfa. L. G. Markova. Izv. Tomsk. otd. VBO 4 91-103 '59.

ALFALFA—CLEANING

Cleaning alfalfa seeds from Russian centaurea. A. Manuilov. Muk.-elev. prom. 27 no. 6, 12 Je '61.

ALGAE

Chlorella. N. P. Voskresenskaia. Priroda 50 no. 7, 110 Jl '61.

ALGERIA—BIOGRAPHY

Leaders of the Algerian Republic. Mezhdunar. zhizn' 8 no. 7 170-172 Jl '61.

ALGERIA—COMMUNIST PARTY

[The Algerian Communist Party in the war for national independence] Alzhirskaia kommunisticheskaia partiia v voine za natsional'nuiu nezavisimost'. Moskva, Gos. izd-vo polit. lit-ry, 1961. 44 p.

ALGERIA—POLITICS AND GOVERNMENT

"Al Moudjahid." R. Landa. Nov. vrem. 19 no. 27:30-31 Jl '61.

[The Algerian Communist Party in the war for national independence] Alzhirskaia kommunisticheskaia partiia v voine za natsional'nuiu nezavisimost'. Moskva, Gos. izd-vo polit. lit-ry, 1961. 44 p.

Jules Roy, the witness ("La guerre d'Algerie" by Jules Roy. Reviewed by Andre Stil). Az i Afr. segodnia no. 5, 55-56 My '61.

Paris's Sahara manoeuver. V. Goncharov. Nov. vrem. 19 no. 29:17-18 Jl '61.

ALGERIA—THEATER

The theater of an unconquered Algeria. V. D. Teatr. 22 no. 6:100-102 Je '61.

ALIAGI see subdivision under Tashkent region

ALĪ-SHĪR, MĪR, called AL-NAWĀI, 1441-1501

Academic session dedicated to Ali-Shir Nawai's works. N. Rakhimov. Obshchestv. nauki v Uz. no. 4 62 '61.

Zakhidov, V. IU. [Alisher Nawa'i's world of ideas and images] Mir idei i obrazov Alishera Navoi. Tashkent, Gos. izd-vo khudozh. lit-ry UzSSR, 1961. 374 p.

ALĪ-SHĪR, MĪR called AL-NAWĀ'I, 1441-1501—FICTION

Aibek, pseud. [Al-Nawa'i. Translated from the Uzbek] Navoi. Moskva, Izd-vo "Izvestiia," 1961. 476 p. (Biblioteka istoricheskikh romanov narodov SSSR)

ALIENS see subdivision under United States

ALIMENTARY CANAL

Characteristics of postnatal growth of the gastrointestinal tract in the Soviet Merino, Daghestan mountain sheep, and Gissar sheep. L. V. Davletova. Trudy Inst. morf. zhiv. no. 35 158-160 '61.

Comparative characteristics of the histogenesis of gastric and intestinal walls in fetuses of Soviet Merino and Gissar sheep. L. V. Davletova. Trudy Inst. morf. zhiv. no. 35, 259-269 '61.

ALIMENTARY CANAL—DISEASES

Gastrointestinal conditions in vibration sickness [with summary in English]. V. G. Artamonova. Trudy LSGMI 61:73-76 '60.

Physiological, biochemical, and clinical changes in patients with diseases of the gastrointestinal tract during the administration of colimycin [with summary in English]. E. A. Govorovich, V. I. Litvinov. Antibiotiki 5 no. 3, 102-104 My-Je '60.

ALIMENTARY CANAL—ELECTRIC PROPERTIES

Potentials of the gastrointestinal tract and their significance in diagnosis. E. A. Krasnov. Vest. AN Kazakh SSR 17 no. 5 85-90 My '61.

ALIMENTARY CANAL—INNERVATION

Role of the nervous system in the formation of constitutional characteristics of animals with low pigmentation; morphological studies. N. A. Smitten. Arkh. pat. 23 no. 1, 23-31 '61.

ALKALI HALIDE CRYSTALS

Absorption of ultrasonic waves in some alkali halide crystals. L. G. Merkulov. Akust. zhur. 5 no. 1 132-139 '59.

exiton absorption in the α-band region in alka- ...ials. A. A. TSertsvadze. Fiz. tver. tela 1 F '61.

...TS

...ents from molten salts. Report No. 2. ...rates and nitrites of the alkali metals ...al'tsev, S. M. Artamonova, L. Kh. ...b. otd. AN SSSR no. 5:59-65 '61.

...line elements and thallium in the ...rthern Caucasus) [with summary in ...kresenskaia, Su Shou-tian' [Su ...imfa no. 6 500-507 '61.

...tion-free transitions in the conducti... metals. V. P. Sanchenko, G. M. ...i metalloved. 11 no. 6:935-941 Je

...PECTRA

...ation intensity of metals in a flame as ...ching of ionization [with summary in ...luktov, R. A. Vitkun. Zhur. anal. ...-267 My-Je '61.

...lins

...e

ALKYLATION

Alkylation of 4-chloroanisole by propylene, pseudobutylene, and cyclohexene in the presence of the catalyst BF_3, H_3PO_4. V. G. Kriuchkova, S. V. Zavgorodnii. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 1 92-95 '61.

Catalytic alkylation of tetralin. Report 5. Alkylation of tetralin with primary alcohols of composition C_7 and higher. N. I. Shuikin, N. A. Pozdniak, I. D. Tubush. Izv. AN SSSR Otd. khim. nauk no. 6 1098-1102 Je '61.

Catalytic alkylation of tetralin by 1-nonene in the presence of aluminum. N. I. Shuikin, N. A. Pozdniak. Izv. AN SSSR Otd. khim. nauk no. 6 1156-1158 Je '61.

High temperature alkylation of cyclopentane by olefins. L. Kh. Freidlin, N. M. Nazarova, E. I. Litvin. Izv. AN SSSR Otd. khim. nauk no. 6 1116-1119 Je '61.

Intensity of the polyalkylation reaction in the sulfuric acid alkylation of toluene by high molecular weight olefins. IU. I. Kozorezov, A. Z. Dorogochinskii. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 1 133-137 '61.

ALL-UNION COMMUNIST PARTY (BOLSHEVIK) see Communist Party of the Soviet Union

ALLANTOIN

Excretion of allantoin with the urine in people of various ages [with summary in English]. P. V. Simakov. Ukr. biokhim. zhur. 33 no. 3 385-391 '61.

ALLERGY

Allergic diseases of the nose and its accessory sinuses (as revealed by Polish and Czech otorhinolaryngological periodicals from 1956 to 1959). R. A. Barilliak. Zhur. ush., nos. i gorl. bol. 21 no. 2:88-90 Mr-Ap '61.

Allergic manifestations in the mucosa of the accessory sinuses of the nose. V. Hlavasek. (From Ca. otolaryngologie, V—4—1956.) Zhur. ush., nos. i gorl. bol. 20 no. 4:77-78 Jl-Ag '60.

Allergy skin test and its importance in diagnosing dysentery in children, author's abstract. T. V. Ivanova. Zhur. mikrobiol. epid. i immun. 32 no. 2, 117 F '61.

Anaphylactogenic properties of heterogenic gamma globulins [with summary in English]. O. G. Andbaridze. Zhur. mikrobiol. epid. i immun. 31 no. 4 105-109 My '60.

Brief news. Zhur. ush., nos. i gorl. bol. 20 no. 1:90 Jl-Ag '60.

Case of acute hematogenous osteomyelitis in the light of allergic sensitization. N. P. Ushin. Med. zhur. Uzb. no. 1:68-69 Ja '61.

Individual peculiarities in the pathological process following repeated reproduction of the Sukharev-Arthus phenomenon. V. A. Evseev. Zhur. mikrobiol. epid. i immun. 32 no. 5 127-128 My '61.

Phagocytic index as an indicator of the features of the reaction of sensitized dogs to hypothermia [with summary in English]. I. V. Omidova. Zhur. mikrobiol. epid. i immun. 32 no. 1:99-101 Ja '61.

Place of eosinophilic rhinitis in the clinical aspects of allergic diseases [with summary in English]. I. P. Lerner, E. S. Brusilovskii. Zhur. ush., nos. i gorl. bol. 21 no. 2:34-39 Mr-Ap '61.

Significance of the upper respiratory tracts in the pathogenesis of allergic diseases. V. F. Undritis. Zhur. ush., nos. i gorl. bol. 20 no. 4:3-11 Jl-Ag '60.

Study of the sensitizing properties of tetanus toxoids in experiment. Report No. 1 [with summary in English]. N. S. Kashintseva and others. Zhur. mikrobiol. epid. i immun. 32 no. 1:126-129 Ja '61.

Treatment of adenoidal proliferations in children with allergy. V. M. Pallachek. Zhur. ush., nos. i gorl. bol. 20 no. 4:54 Jl-Ag '60.

ALLOYS

Alisova, S. P., and others. [Phase diagrams of metallic systems published in 1955] Diagrammy sostoianiia metallicheskikh sistem, opublikovannye v 1955 godu. Pod red. N. V. Ageeva. Moskva. No. 1. 1959. 134 p.

Effect of crystallization rate on the properties of metallic solid solutions. G. N. Nysanbaev, A. A. Pivovarova. Vest. AN Kazakh. SSR 17 no. 5 74-78 My '61.

New method of investigating electrodeposition alloys. V. M. Korchagarov. Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no. 2, 335-336 '60.

Photocolorimetric determination of niobium in titanium alloys and in aluminum alloys with the arsenazo reagent. E. I. Nikitina. Zav. lab. 27 no. 6, 663-666 '61.

Processing experimental data on self-diffusion in metals and alloys. S. D. Hertsriken. Ukr. fiz. zhur. 6 no. 1 138-139 Ja-F '61.

Study of the characteristic absorption of zinc and copper in aluminum and magnesium alloys [with summary in English]. S. M. Karol'nyi and others. Ukr. fiz. zhur. 6 no. 1, 121-128 Ja-F '61.

ALLOYS—CONGRESSES

Ukrainian Republic Conference on the Theory of Metals and Alloys. V. M. Danilenko and others. Ukr. fiz. zhur. 5 no. 1 130-136 Ja-F '60.

ALLOYS—ELECTRIC PROPERTIES

Theory of residual electric resistance of multicomponent ordered alloys, taking into account the distortions of the crystal lattice caused by differences in atomic size [with summary in English]. O. I. Nosar, A. A. Smirnov. Ukr. fiz. zhur. 6 no. 2, 216-228 Mr-Ap '61.

ALLOYS—METALLOGRAPHY
Reducing the heterogeneity of eutectic alloys by inoculation. L. I. Tushinskii, K. I. Tushinskaia, I. G. Smolnikova. Izv. vys. ucheb. zav., chern. met., 4 no. 6:125-128 '61

ALLOYS—TESTING
Durable hardness of low-melting alloys at various temperatures. V. P. Shishokin, I. N. Bazilevskii. Fiz. met. i metalloved. 11 no. 6 942-943 Je '61.

ALLOYS—THERMAL PROPERTIES
Solidification of binary alloys in the temperature range. M. K. Likht, S. B. Kuz'minskaia. Fiz. met. i metalloved. 11 no. 6 876-882 Je '61

ALLOYS—WELDING
Argon arc welding of elements made of light alloys. Sh. D. Gamzaev. Transp. stroi. 11 no. 5. 45-47 My '61

ALLUVIUM
Some problems in the study of cross-bedding in alluvium. S. P. Abramov. Izv. vys. ucheb. zav., geol. i razv. 4 no. 4 9-23 Ap '61

ALLYL ALCOHOL
Alkylation of phenols by compounds with mixed functions. Report 1. Alkenylation of m-cresol with allyl alcohol. N. I. Shutkin, E. A. Viktorova, L. E. Pokrovskaia. Izv. AN SSSR, Otd. khim. nauk no. 6, 1094-1099 Je '61.

ALMA-ATA—FLOUR MILLS—EQUIPMENT AND SUPPLIES
Installation for conveying milling products by means of aerosol at the Alma-Ata Grain Milling Combine. Z. Kievtseva. Muk.-elev. prom. 27 no. 6 14-15 Je '61.

ALMA-ATA—METALLURGICAL RESEARCH
Research by the Alma Ata Alumina Group during the last 20 years. V. D. Ponomarev. Trudy Inst. met. i obogashch. AN Kazakh. SSR 3:5-15 '60.

ALMA-ATA—POSTAL SERVICE
Engineering office of the Alma-Ata post office. A. I. Vul, A. G. Guzko. Vest. sviazi 21 no. 4 15 Ap '61.

ALMA-ATA PROVINCE—SUGAR BEETS—FERTILIZERS AND MANURES
Effect of copper, manganese and boron on the yield and quality of sugar beets and spring wheat in Alma-Ata Province. D. V. Vasil'eva. Dokl. TSKhA no. 64 49-56 '61

ALMA-ATA PROVINCE—WHEAT—FERTILIZERS AND MANURES
Effect of copper, manganese and boron on the yield and quality of sugar beets and spring wheat in Alma-Ata Province. D. V. Vasil'eva. Dokl. TSKhA no. 61 49-56 '61

ALMOND
Anatomicomorphological study of almond stones with a fragile shell. V. Kh. Tutaiuk, G. A. Rzaev. Izv. AN Azerb. SSR, Ser. biol. i med. nauk no. 1:3-14 '61

ALPHA RAYS
Effect of alpha-particle reflection during measurements in a 2 π solid angle chamber. L. Z. Malkin, K. A. Petrzhak, V. A. IAkovlev. Trudy Radiev. inst. AN SSSR 9:207-213 '58.
Ionization chambers for α-particle counting. S. S. Bugorkov and others. Trudy Radiev. inst. AN SSSR 9:214-226 '58.
Manufacturing α- and β-sources for the graduation of dosimetric apparatus. P. N. V'iukov, K. S. Boncharov, V. S. Dementii. Ukr. fiz. zhur. 6 no. 2:284 Mr-Ap '61

ALPHA RAYS—PHYSIOLOGICAL EFFECT
Comparative analysis of the restoration of diploid yeasts following alpha and gamma irradiation. V. Bilushi, V. I. Korogodin. Dokl. AN SSSR 136 no. 5:1208-1211 Je '61.

ALTAI MOUNTAIN REGION—BEANS
Forage beans in the Altai Mountain region. I. I. Khomenko. Vest. sel'khoz. nauki 6 no. 6:11-12 Je '61.

ALTAI MOUNTAINS—BOTANY, ECONOMIC
Studying the flora of the Altai as a source of flavonoid substances. K. A. Sobolevskaia, V. G. Minaeva. Izv. Sib. otd. AN SSSR no. 4 68-72 '61.

ALTAI MOUNTAINS—COPPER ORES—MAPS
Mapping copper dispersion halos using plants as indicators. N. G. Nesvetailova. Biul. MOIP. Otd. geol. 34 no. 5:163-164 S-O '59

ALTAI MOUNTAINS—DIKES (GEOLOGY)
Dikes of aplites and veined granites in the Ust'-Belovskiy massif. V. E. Gendler. Izv. vys. ucheb. zav.; geol. i razv. 4 no. 2:36-40 F '61.

ALTAI MOUNTAINS—GEOLOGY
Basic features of the Devonian paleogeography and geological history of the Gornyy Altai. I. I. Belostotskii. Izv. vys. ucheb. zav., geol. i razv. 4 no. 5:3-30 My '61.
Basic features of the Devonian paleogeography of the Rudnyy Altai. V. A. Komar. Izv. vys. ucheb. zav., geol. i razv. 4 no. 5 31-45 My '61.

ALTAI MOUNTAINS—GEOLOGY, STRATIGRAPHIC
Distribution features and the conditions of formation of the Malaya Ul'ba series in the Rudnyy Altai. M. F. Mikunov. Izv. vys. ucheb. zav., geol. i razv. 4 no. 5 62-70 My '61.
Stratigraphy and the conditions of the accumulation of lower Carboniferous sediments in the Rudnyy Altai. I. A. Grechishnikova. Izv. vys. ucheb. zav., geol. i razv. 4 no. 5 46-61 My '61

ALTAI MOUNTAINS—GEOLOGY, STRUCTURAL
Geological development of the southern Altai and the Zaysan Depression in the Cenozoic. V. S. Erofeev. Trudy Alt. GMNII AN Kazakh. SSR 9 72-77 '60

ALTAI MOUNTAINS—LEAD—ELECTROMETALLURGY
Technical and economic indices for the electric smelting of lead concentrates in Rudnyy Altai plants. A. IA. Zaplavnyi, N. Satybaldin. Trudy Alt. GMNII AN Kazakh. SSR 9 189-195 '60

ALTAI MOUNTAINS—MERCURY ORES
Association of mercury and complex metal mineralization as exemplified by one of the deposits in the southeastern Altai. V. N. Troshchenko. Izv. vys. ucheb. zav., geol. i razv. 4 no. 2 91-94 F '61

ALTAI MOUNTAINS—NONFERROUS METALS—METALLURGY
Resolutions of the technological conference on problems of nonferrous metallurgy in the Rudnyy Altai. Trudy Alt. GMNII AN Kazakh. SSR 9:251-258 '60.

ALTAI MOUNTAINS—ORE DEPOSITS
Genetic types of endogenetic ore formations in the eastern part of the southern Altai Mountains. Z. Nurbaev. Izv. AN Kazakh. SSR Ser. geol. no. 1 36-41 '61
Origin of various subtypes in the Altai complex ore deposits. G. F. IAkovlev. Izv. vys. ucheb. zav., geol. i razv. 2 no. 12:109-114 '59

ALTAI MOUNTAINS—PALEOGEOGRAPHY
Basic features of the Devonian paleogeography and geological history of the Gornyy Altai. I. I. Belostotskii. Izv. vys. ucheb. zav., geol. i razv. 4 no. 5 3-30 My '61.
Basic features of the Devonian paleogeography of the Rudnyy Altai. V. A. Komar. Izv. vys. ucheb. zav., geol. i razv. 4 no. 5 31-45 My '61

ALTAI MOUNTAINS—SULFIDES
Genetic types and stages of sulfide mineralization in Rudnyy Altai. P. F. Ivankin. Trudy Alt. GMNII AN Kazakh. SSR 9 20-49 '60

ALTAI MOUNTAINS—TOURISM
Altai dawns. B. Reshetnikov. Vokrug sveta no. 7 43-45 Jl '61

ALTAI TERRITORY—COLLECTIVE FARMS—VALUATION
Evaluating buildings and structures on collective farms. S. Bylkov. Ekon. sel'khoz. 32 no. 2:106-108 F '61

ALTAI TERRITORY—CRAWLER TRACTORS—DESIGN AND CONSTRUCTION
TDT-75 skidding tractor. M. I. Voronin, S. A. Ciabovich, S. P. Zorin. Les. prom. 39 no. 6-11-13 Je '61.

ALTAI TERRITORY—FARM MECHANIZATION
Friendly as never before. P. Zubov. Sel'. mekh. no. 6: 11-12 '61.

ALTAI TERRITORY—PRESTRESSED CONCRETE CONSTRUCTION
Wire-reinforced concrete beams in structures in the Altai. M. Ikonnokov. Na strot. Ros. no. 3 25-27 Mr '61.

ALTAI TERRITORY—RESTAURANTS, LUNCHROOMS, ETC.
Family dines in a restaurant. I. Rtishchev. Sov. profsoiuzy 17 no. 12, 43 Je '61

ALTAI TERRITORY—SOILS—PHOSPHORUS CONTENT
Forms of phosphates and the nitrification capacity of soils of the lower mountains of the northern Altai. E. G. Chagina. Izv. Sib. otd. AN SSSR no. 6:114-116 '61.

ALTAI TERRITORY—SOLOTH SOILS
Dynamics of soil formation in solodized soils of the Altai Territory [with summary in English]. T. V. Tursina. Pochvovedenie no. 4:56-67 Ap '61.

ALTAI TERRITORY—STATE FARMS
The Communists of a state farm. A. Shpakov. Part. zhizn' no. 14:51-54 Jl '61.

ALTAI TERRITORY—STATE FARMS—TECHNOLOGICAL INNOVATIONS
State farm of inventors. G. Polozhenko. Izobr. i rats. no. 7:15-17 Jl '61.

ALUM
Alum. I. IU. Rudin. Zdorov'e 7 no. 7:31 Jl '61.

ALUMINA
Alumina-rich secondary quartzite facies of the Sredinnyy Range in Kamchatka. G. M. Vlasov, M. M. Vasilevskii. Geokhimiia no. 7 630-633 '61.
Obtaining high-grade alumina (GO and GOO brands) by the treatment of nepheline rocks. B. K. Shvartsman, N. S. Volkova. TSvet. met. 34 no. 2 60-65 F '61.
Optima conditions for the leaching of sulfate-limestone sinters. T. I. Avdeeva, A. S. Kolosov, I. S. Lileev. Trudy Khim.-met. inst. Sib. otd. AN SSSR no. 15 61-73 '60.
Pilot-plant testing of the sulfate-limestone method of preparing alumina from Salair bauxites. I. S. Lileev and others. Trudy Khim.-met. inst. Sib. otd. AN SSSR no. 15 81-98 '60.
Research by the Alma Ata Alumina Group during the last 20 years. V. D. Ponomarev. Trudy Inst. met. i obogashch. AN Kazakh. SSR 3:5-15 '60.

ALUMINA—ANALYSIS
Diffractometric determination of the amount of alumina in an electrolyte. M. S. Beletskii, M. I. Erusalimskii. Zav. lab. 27 no. 6, 702-703 '61

ALUMINATES
Desilicionization of aluminate solutions with preparation of alumina by the sulfate-limestone method. T. I. Avdeeva, I. S. Lileev. Trudy Khim.-met. inst. Sib. otd. AN SSSR no. 15-75-90 '60

ALUMINUM
[Heat-resistant material made of baked aluminum powder (SA), a collection of articles] Teplopochnyi material iz spechennoi aliuminievoi pudry (SAP), sbornik statei. Pod red. I. N. Fridliandera i B. I. Mal'tseva. Moskva, Gos. nauchno-tekhn. Izd-vo Oborongiz, 1961, 122 p.
Interaction in the systems $CdCl_2 - ZnCl_2 - Al$ and $CdCl_2 - TlCl - Al$. A. P. Palkin, G. G. Korotkikh, N. B. Vlasenko. Zhur. neorg. khim. 6 no. 3 637-641 Mr '60
Preliminary treatment of the aluminum surface as a factor in cathodic polarization during the electrodeposition of chromium. B. E. Ivanov, V. L. Khudiakov. Izv. vys. ucheb. zav., khim. i khim. tekh. 3 no. 2 330-334 '60

ALUMINUM—ANALYSIS
Acetate method for determining Al ions absorbed in the soil in the presence of absorbed H ions. M. Sh. Rustamov. Dokl. AN Azerb. SSR 17 no. 5 415-417 '61.
Determining small amounts of aluminum in steel. E. S. Kudelia, A. E. Tiutina. Vop. proizv. stali no. 8, 96-101 '61.
Manganon RITA. Report No. 1: Determination of aluminum by the luminescence method with the use of salicylidene-o-aminophenol. L. A. Bozhevol'nov. Trudy IRTA no. 22-70-77 '58
Use of xylenol orange in the trilonometric determination of aluminum. A. I. Busev, A. G. Petrenko, I. A. Bykhovskaia. Zav. lab. 27 no. 6 659-661 '61

ALUMINUM—ELECTROMETALLURGY
(see also subdivision under Erivan)
Automatic control system of the process of neutralizing solutions. I. I. Beliaev. TSvet. met. 34 no. 6 51-54 Je '61.
Automatic recording and signalling of anode effects. E. S. Torosian. TSvet. met. 34 no. 2 53-55 F '61.
New methods of investigating aluminum losses in cryolite-alumina melts. E. Balazh, A. I. Beliaev. Izv. vys. ucheb. zav.; tsvet. met. 4 no. 2 64-70 '61.
Rempel', S. I. [Anodic process in the electrolytic production of aluminum] Anodnyi protsess pri elektroliticheskom proizvodstve aliuminiia. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii. Sverdlovskoe otd-nie, 1961. 143 p.

ALUMINUM—METALLOGRAPHY
Electronographic investigation of the substructure of fine condensates of aluminum by the microbeam method. L. S. Palatnik and others. Fiz. met. i metalloved. 11 no. 6 864-869 Je '61.

ALUMINUM—METALLURGY
Chemism of the sintering process of sulfate-containing aluminum charges. I. S. Lileev, R. G. Rozentretet, T. I. Avdeeva. Trudy Khim.-met. inst. Sib. otd. AN SSSR, no. 15:11-25 '60.
Density of aluminate-alkali solutions. E. Z. Vydrevich, M. A. Zaitseva. TSvet. met. 34 no. 6 55-58 Je '61.
Hydrochemical alkali method of preparing alumina from high silica bauxites. L. P. Ni. Trudy Inst. met. i obogashch. AN Kazakh. SSR 3:146-153 '60.
Sintering of soda-sulfate-limestone charges. R. G. Rozentreter and others. Trudy Khim.-met. inst. Sib. otd. AN SSSR, no. 15:41-54 '60.
Sintering of sulfate-limestone charges. R. G. Rozentreter and others. Trudy Khim.-met. inst. Sib. otd. AN SSSR, no. 15 27-39 '60.

ALUMINUM—SPECTRA
Studying the width of the X-ray lines of aluminum deformed at 4.2° K. O. V. Klavin, B. I. Smirnov. Fiz. tver. tela 3 no. 5:1336-1337 My '61.

ALUMINUM—WELDING
Argon-arc welding of aluminum tanks. A. M. Gofner, V. V. Zheltenkov. Svar. proizv. no. 6:32-34 Je '61.

ALUMINUM, STRUCTURAL
Elements made of aluminum alloys. V. Kornienko. Na stroi Ros. no.2 21-23 F '61

ALUMINUM ACETATE
Aluminum acetates. V N Maksimov and others. Zhur. neorg. khim. 5 no.3 556-564 Mr '60

ALUMINUM ALLOY PLATES see Plates, Aluminum

ALUMINUM ALLOYS
Complexometric method for the determination of zinc in aluminum alloys L. M. Budanova, T V Matrosova. Zav. lab. 27 no 6,661-662 '61
Effect of heat treating on the properties of aluminum alloyed with zinc, magnesium, and copper. L. N. Nesterovich. Shor. nauch trud. Fiz.-tekh. inst AN BSSR no.6 106-113 '60
Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Technical specifications SN 113-60 for designing elements made of aluminum alloys] Tekhnicheskie usloviia proektirovaniia konstruktsii iz aliuminievykh splavov, SN 113-60. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 86 p.

ALUMINUM ALLOYS—HEAT TREATMENT
Kolobnev, I. F. [Heat treatment of aluminum alloys] Termicheskaia obrabotka aliuminievykh splavov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 413 p.

ALUMINUM ALLOYS—METALLOGRAPHY
Coarse-grained flanges in pressed aluminum alloy articles S S. Gorelik, IU. M Vainblat. Metalloved. i term. obr. met. no. 7,36-43 Jl '61
Effect of small additions of titanium, beryllium, gallium rhenium and niobium on the aluminum grain size after heating and deformation. A. P. Beliaev, R M Gol'shtein. Metalloved. i term. obr. met. no. 7;37-38 Jl '61.

ALUMINUM ALLOYS—WELDING
Weldability of V92T aluminum alloys. A. IA. Brodskii, V. M. Batyshev, A. S. Rakhmanov. Svar. proizv. no. 7 13-17 Jl '61.

ALUMINUM ANTIMONIDE
Preparation of alloyed single crystals and p-n junctions from aluminum antimonide. M. S. Mirgalovskaia, L. A. Strel'nikova. Fiz. tver. tela 3 no. 2;456-458 F '61

ALUMINUM-ANTIMONY-GALLIUM ALLOYS
Analysis of aluminum-antimony-gallium alloys. N. E. Denisova, E. V TSvetkova Zav. lab. 27 no. 6;656-657 '61.

ALUMINUM CHLORIDE
Developing a method of preparing a basic salt of 5/6 aluminum hydroxychloride. E. A. Lovitskii, B. M. Shchepachev. Izv. vys. ucheb. zav.; tsvet. met. 4 no.2;71-75 '61.
Solubility of aluminum chloride in titanium tetrachloride. N. N. Ruban, V. D. Ponomarev, K. A. Vinogradova. Izv. AN Kazakh. SSR. Ser. met., obog. i ogneup. no 1,33-40 '61.

ALUMINUM HYDRIDES
Reduction of methylcyclohexanes with diisobutylaluminum hydride. L. I. Zakharkin, I. M. Khorlina. Izv. AN SSSR. Otd. khim. nauk no. 6;1144-1145 Je '61.

ALUMINUM HYDROXIDE
Coprecipitation of some anions with metal hydroxides. A. I. Novikov. Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no. 2;238-244 '60.

ALUMINUM INDUSTRY
(see also subdivision under Dnepropetrovsk Province; Erivan)
History of the cryolite industry in the U.S.S.R. V. A. Segal. Izv. vys. ucheb. zav.; tsvet. met. 4 no. 2; 150-157 '61.

ALUMINUM-IRON ALLOYS see Iron-aluminum alloys

ALUMINUM-IRON-BORON ALLOYS see Iron-boron-aluminum alloys

ALUMINUM LITHIUM HYDRIDE
Reduction of thiophane sulfones and its homologs by means of aluminum lithium hydrides. R. D. Obolentsev, V. G. Bukharov, M. M. Gerasimov. Khim. sera i azotorg. soed. v neft. i nefteprod. 3;43-49 '60.

ALUMINUM-MAGNESIUM ALLOYS
Adopting ship structures made of aluminum-magnesium alloys. K. Khatskin, V. Vasil'ev. Mor. flot 21 no 6: 29-30 Je '61.
Futural. V. Kovryzhkin. Stroitel' no.6;31 My '61.

ALUMINUM-NICKEL ALLOYS see Nickel-aluminum alloys

ALUMINUM SALTS
Nature and composition of the products of the reaction between sodium silicate and aluminum salts. L. A. Bulygin. Zhur. neorg. khim 5 no. 3;684-691 Mr '60.

ALUMINUM-STEEL ALLOYS see Steel-aluminum alloys

ALUMINUM-TITANIUM-CHROMIUM ALLOYS see Titanium-aluminum-chromium alloys

ALUMINUM-TITANIUM-MANGANESE ALLOYS see Titanium-aluminum-manganese alloys

AMANGEL'DY DISTRICT—PIKAS
Study of the feeding habits of steppe pikas (Ochotona pusilla Pall.) [with summary in English] R K Kozhevnikova Biul MOIP Otd biol 66 no 2;26-32 Mr-Ap '61

AMATEUR MOTION PICTURES
First try-first success. I. Fedoseev. Pozh. delo 7 no. 6;10-11 Je '61

AMATEUR THEATRICALS see subdivision under Kirovabad; Moscow; White Russia

AMDERMA (ARCHANGEL PROVINCE)—FIRES AND FIRE PREVENTION
People of a rough region. I. Nosov. Pozh. delo 7 no. 6: 13, 16 Je '61.

AMEBIASIS
Complications in amebic dysentery S M Dursunova, IA. M. Kasymov. Zdrav Turk 5 no 1 11-13 Ja-F '61

AMERICA—MAN, PREHISTORIC
Did people live in America 30,000 years B. C.? Pernette Danysz. V zashch. mira no.12;82-90 D '60.

AMERICAN LITERATURE—HISTORY AND CRITICISM
An American tragedy of 1960. M. Tugusheva. Vop. lit. 5 no. 6 195-200 Je '61.

AMERICAN MILITARY BASES see Military bases, American

AMIDES
Chemistry of heterocycles. Part 34: Synthesis and properties of aralkylamides of di(2-thienyl)-glycolic acid. P. A. Petiunin, M. S. Khodyreva, M. E. Konshin Zhur ob khim. 31 no 6,1847-1849 Je '61
Imides of phosphorus acid. Report 7: Amidoimidolic tautomerism of amides of pentavalent phosphorus acids. M. I. Kabachnik, V. A. Gilarov, E. M. Popov. Izv. AN SSSR. Otd. khim. nauk no. 6;1022-1030 Je '61
Synthesis of asymmetric alkoxy-substituted 1, 6-diphenylhydrazodithiodicarbonamide. Part 2. R. G. Dubenko, P. S. Pel'kis. Zhur ob khim 31 no 6;2045-2049 Je '61

AMINATION
Some transformations of heterocyclic systems containing an imidazole ring Part 2: Amination of N-alkyl substituted naphth(1, 2)imidazole and 6, 7, 8, 9-tetrahydronaphth(1, 2)imidazole A. D. Granovskii. Zhur ob khim. 31 no. 6;1941-1944 Je '61.

AMINES
Action of amines and ammonia on triallylboron. B. M. Mikhailov, F. B. Tutorskaia. Izv. AN SSSR. Otd. khim. nauk no. 6;1158-1159 Je '61.
Amines with gangliolytic activity. Part 4: Tertiary aliphatic amines with a branched chain. A. IA. Khorlin, L. A. Vorotnikova, N. K Kochetkov. Zhur. ob khim. 31 no 6;1827-1830 Je '61.
Electron distribution over energies in the photoionization of aromatic amines in the gaseous phase. F. I Vilesov, B. L. Kurbatov, A. N Terenin Dokl AN SSSR 138 no. 6;1329-1332 Je '61.
Reactions between ketene and nitrogen-containing bases. Part 9: Chloroacetylation of primary aromatic amines. IU. V. Svetkin, A. N. Minlibaeva, N. A. Khafizova. Zhur. ob khim. 31 no. 6;2023-2025 Je '61
Reactions of polyvinylchloracetate with some amines [with summary in English]. E. N. Rostovskii, O. V. Shchelkunova, N. S. Bondareva. Vysokom soed. 3 no. 7,971-975 Jl '61.
Some α-amines of the diphenylmethane series I. G. Matveev, D. A. Drapkina, R. L. Globus. Trudy IREA no 22;147-154 '58
Study of the interaction of systems consisting of solid amines and succinic or benzoic anhydrides, made by plotting heating curves. M. Kh. Gluzman, R. S. Mil'ner. Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no. 2;305-311 '60.
Synthesis and study of β-fluoroethyl-β'-chloroalkylamines. V. G. Nemets, G. G. TSybaeva. Trudy LTI no. 60;49-55 '60.

AMINO ACIDS
Amino acid compositions of various fish meat brands. N. A. Lukashik, L. V. Grigor'eva. Dokl. TSKhA no. 61. 86-91 '61.
Determining the amino acid composition and N-terminal groups of some proteins in the Viner and Donetskii-650 barley varieties [with summary in English]. N. N. Mel'teva. Biokhimiia 26 no. 3;483-488 My-Je '61.
Determining amino acids in feeds. V. V. Shcheglov, V. A. Tashchilin. Dokl. TSKhA no. 61 93-98 '61.
Effect of mammary denervation on the amino acid composition on goat milk casein. A. G. Taranenko. Fiziol. zhur. 47 no. 4;454-458 Ap '61.
Free amino acids in Escherichia coli during the blockade of protein synthesis by chlortetracycline [with summary in English] E. D. Vyshepan, R. K. Ledneva, K. I. Ivanova. Biokhimiia 26 no 3 489-493 My-Je '61
Intramolecular rearrangement of o-carbobenzoxyphenylalanyl-N-(glycyl)-serine. M. M. Botvinik, I. M. Koksharova Zhur. ob khim. 31 no 6,2078-2079 Je '61
Orekhovich, V. N. [Processes involved in the inclusion of amino acids into proteins in vivo and in vitro] Issledovanie protsessov vkliucheniia aminokislot v belki in vivo i in vitro. Moskva, 1955. 9 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)
Polarographic determination of caprolactam and amino acids, the intermediate products of synthetic fibers [with summary in English]. IA. I. Turian, IU. M. Turin, B. P. Zhantalai. Zhur anal. khim 16 no 4 452-456 My-Je '61.
The reaction of intracellular transamination in actinomycetes. A. M. Bezborodov. Dokl AN SSSR 138 no. 6 1446-1448 Je '61.
Sensitivity of Amoeba proteus to high amino acid concentrations IU M. Olenov, A L IUdin, D IA Dolgaeteskaia TSitologiia 3 no 3;281-282 My-Je '61.
Synthesis of aliphatic amino acids from thiophene derivatives Part 6: Preparation of ε- and ζ-amino acids and C-substituted lactams. IA. L. Gol'dfarb, B P Fabrichnyi, I. F. Shalavina Zhur ob. khim 31 no 6; 2057-2064 Je '61.
Synthesis of new derivatives of cellulose and other polysaccharides Part 4: Synthesis of cellulose esters with α-amino acids [with summary in English] A. I. Polikakov, V. A. Derevitskaia, Z. A. Rogovin Vysokom soed 3 no 7 1027-1030 Jl '61

AMMETER
Ammeter for frequencies up to 300 mc V R Lopat' Trudy inst Kom stand., mer i izm. prib no 18 124-135 '60.

AMMONIA
Action of amines and ammonia on triallylboron. B. M. Mikhailov, F. B. Tutorskaia. Izv. AN SSSR. Otd. khim. nauk no. 6 1158-1159 Je '61.
Determination of ammonium ions in colored and turbid natural waters. V. T. Kaplin. Gidrokhim mat 32 148-152 '61
Modification of Conway's dish for isothermic distillation of ammonia. K. Iosifov Lab delo 7 no. 7;62-63 Jl '61

AMMONIA—THERMAL PROPERTIES
Use of ammonia vapor heat for heating water in the Sevan fish processing plant. P. Mirzoiants Prom Arm. 4 no. 4;44-45 Ap '61.

AMMONIUM CARBONATE
Using ammonium bicarbonate and urea in fattening young oxen. H. IA. Hryhor'ieva. Visnyk sil'hospnauky 4 no. 7 110-111 Jl '61.
Using ammonium bicarbonate in fattening cattle M. V. Koval'ova, IE S Demydenko. Visnyk sil'hosp. nauky 4 no. 7 111-113 Jl '61.

AMMONIUM CHLORIDE
Increasing the effect of ammonium chloride on farm crops. Zh. T. Holovashchuk. Visnyk sil'hosp nauky 4 no. 5;46-49 My '61.
Physicochemical properties of the system ammonium molybdate - ammonium chloride - water. Z. G. Karov, F. M. Perel'man. Zhur. neorg. khim. 5 no. 3;713-719 Mr '60.

AMMONIUM COMPOUNDS
Changes in the form of nitrogen in ammoniated peat during storage and the effectiveness of peat-ammonium fertilizers. P. M. Smirnov, A. A. Lur'ev Dokl. TsKhA no 64,57-64 '61.
Purification of certain quaternary ammonium compounds used in polarography [with summary in English]. G. S. Supin. Zhur. anal. khim. 16 no. 3;359-361 My-Je '61.

AMMONIUM HYDROXIDE
Applying ammonia water to industrial crops. A. V. Tarasov. Zemledelie 23 no. 6;79 Je '61.

AMMONIUM MOLYBDATE
Physicochemical properties of the system ammonium molybdate - ammonium chloride - water. Z. G. Karov, F. M. Perel'man. Zhur. neorg. khim. 5 no. 3;713-719 Mr '60.
Preparation of high purity alkaline earth chlorides and carbonates, sodium chloride, ammonium molybdate, and ammonium tungstate. I. I. Angelov and others. Trudy IREA no. 22;159-162 '58

AMMONIUM NITRATE
Distribution of lanthanides in an ammonium nitrate melt during zonal crystallization. V. K. Val'tsev, R. G Avvakumov, M. F. Pyr'ev. Izv. Sib. otd. AN SSSR no. 6; 71-74 '61.
Precipitation of elements from molten salts. Report No 1 Precipitation of certain elements from molten ammonium nitrate. V. K. Val'tsev and others. Izv. Sib. otd AN SSSR no. 4 38-42 '61.

AMMONIUM SULFATE

Ammonia-phosphoric acid method for processing weak sulfur dioxide and the production of "ammofos." N. A Vasilenko, M M Chernobaeva, S. L Reutova Khim. prom no 6 400-105 Je '61.

AMMONIUM TUNGSTATE

Preparation of high purity alkaline earth chlorides and carbonates, sodium chloride, ammonium molybdate, and ammonium tungstate I I Angelov and others Trudy IRFA no 22 159-162 '58

AMMONIUM URANYL PHOSPHATE

Separation of uranium in the form of ammonium uranyl phosphate and its gravimetric determination by firing it to $U_2O_3P_2O_7$ [with summary in English]. A. E. Klygin, D. M. Zavrazhnova, N. A. Nikol'skaia. Zhur. anal. khim. 16 no. 3, 297-302 My-Je '61.

AMMONOIDEA see subdivision under Verkhoyansk Range region

AMOEBA

Sensitivity of Amoeba proteus to high amino acid concentrations IU. M Olenov, A I IUdin, D. IA. Podgaetskaia TSitologiia 3 no. 3:281-292 My-Je '61.

AMPHIBOLE

(see also subdivision under Ulu-Tau)

Genetic types of amphibole-asbestos deposits. N. D. Sobolev, M. V. Soboleva. Razved. i okh. nedr 26 no. 2 1-9 F '60.

AMPHIBOLITE

Diabase and amphibolite stone casting. V. V. Vagin, B. I. Pirogov. Gor. zhur. no. 4:61-63 Ap '60

AMPLIFIERS (ELECTRONICS)

Antisaturation amplifier for amplitude investigations. V. O. Viazemskii, A. N. Pisarevskii, E. D. Teterin. Trudy Radiev. inst. AN SSSR 9:155-163 '59.

Breido, I. IA. [Electron-tube d.c. signal amplifiers] Lampovye usiliteli signalov postoiannogo toka. Moskva, Gos. energ. izd-vo, 1961. 87 p. (Massovaia radiobiblioteka, no. 384)

Concerning the theory of a parametric amplifier. G. V. Voishvillo, N. D. Poroshin. Radiotekhnika 16 no. 6:45-50 Je '61.

Fedoseeva, E. O. [Amplifying devices] Usilitel'nye ustroistva. Moskva, Gos. izd-vo "Iskusstvo," 1961. 310 p.

Power considerations in the operation of an audio pulse power amplifier. V. V. Malanov, K. P. Polov. Radiotekhnika 16 no. 5:47-50 My '61.

Regenerative low-noise microwave amplifiers. N. V. Aleksandrov, E. M. Gershenzon, V. S. Etkin. Elektrosviaz' 15 no. 6:31-37 Je '61.

Saakov, E. O. [Amplifying devices; written lectures] Usilitel'nye ustroistva; pis'mennye lektsii. Leningrad, Severo-zapadnyi zaochnyi politekhn. in-t. No. 2. 1960. 175 p.

AMPUTATION STUMP

Comparative evaluation of methods of free osseous autoplasty and plastic surgery on the pedicle following amputations of the hip. B. Sadritdinov. Med. zhur. Uzb. no. 1:37-41 Ja '61.

AMTKEL VALLEY—LEAD ORES

Geological structure of the Amtkel lead and zinc deposit. Z. V. Oikhmezuri. Trudy AN Gruz. SSR. Min. i petr ser. 5 209-236 '61.

AMTKEL VALLEY—ZINC ORES

Geological structure of the Amtkel lead and zinc deposit. Z. V. Oikhmezuri Trudy AN Gruz. SSR. Min. i petr. ser 5:209-236 '61.

AMU DARYA DELTA—FRESH-WATER FLORA

Materials on the study of the productivity of aquatic plant growths in the Amu Darya Delta. V. M. Katanskaia. Trudy Lab. ozeroved. 10:193-249 '60.

AMU DARYA VALLEY—IRRIGATION WATER—MICROBIOLOGY

Microbial flora of waters of the Amu Darya and irrigation canals branching off from it. A N. Pervushina-Grosheva. Uzb. biol. zhur. no. 3:3-7 '61.

AMU DARYA VALLEY—SALINE AND ALKALI SOILS

Conditions for the desalinization of meadow soils in the middle reaches of the Amu Darya. I. S. Rabochev. Pochvovedenie no. 4:40-46 Ap '61.

AMULETS

Establishing dates for early Russian pendant-amulets. N. P. Zhurzhalina. Sov. arkheol. 5 no. 2:122-140 '61.

AMUR CORK TREE—FERTILIZERS AND MANURES

Improving the nutrition of Amur cork trees with the help of fertilizers. S. I. Slukhai. Biul. nauch. -tekh. inform. Ukr. NIILKhA no. 3/4:37-42 '57.

AMUR PROVINCE—CONSTRUCTION INDUSTRY

Province rural construction trust. Sel'. stroi. 16 no. 5: 31 My '61.

AMUR VALLEY—GEOLOGY, STRATIGRAPHIC

New data on the Mesozoic stratigraphy of the upper Amur Valley G P Leonov Biul. MOIP Otd. geol 34 no 5 151 S-O '59

AMUR VALLEY—PERICROCOTUS

Biology of reproduction in Pericrocotus divaricatus (Raffles) I. A Neifel'dt Trudy Zool inst 29 303-322 '61

AMUR VALLEY—SOIL FORMATION

Genesis of soils with a whitish horizon on Amur plains [with summary in English] E. A Kornblium, B A. Zimovets. Pochvovedenie no. 6 55-66 Je '61.

AMUR VALLEY—THRUSHES

Nesting of the forest stone thrush (Monticola gularis Sw) in the upper Amur Valley I. A. Neifel'dt, B. V. Sokolov. Ornitologiia no 3 236-250 '60.

AMUSEMENTS see subdivision under Seim River

AMYL VALLEY—BOTANY

Brief study of the vegetation of the upper Amyl Valley in the Krasnoyarsk Territory. S. V. Gudoshnikov Izv. Tomsk. otd. VBO 4 51-60 '59.

ANABAR SHIELD—GEOLOGY

Kadenskii, A. A. [Geology and petrology of the southern part of the Anabar shield] Geologiia i petrologiia iuzhnoi chasti Anabarskogo shchita. Moskva, Izd-vo Akad. nauk SSSR, 1961. 198 p. (Akademiia nauk SSSR. Geologicheskii muzei. Trudy, no. 6)

ANABAR VALLEY—DIAMONDS

Preliminary work results of the Birekta, Dzhelinde, and Anabar Expeditions in 1959. V. IA Kaban'kov, E IA. Rudin. Inform. biul. NIIGA no 18,48-53 '60.

ANABAR VALLEY—GEOLOGY, STRATIGRAPHIC

Preliminary results of the investigation of Jurassic and lower Cretaceous deposits in the region of the right-bank tributaries of the Anabar River in 1959. Z. V. Ostpova Inform. biul. NIIGA no 18-30-35 '60.

ANALCITE see subdivision under Georgia

ANALEPTICS

Bemegride, antagonist of barbiturates. K. A. Zaitseva. Med. prom. 15 no. 5,47-48 My '61.

ANALGESICS

Lemoran, an analgesic. G. S. Arutiunian. Med. prom. 15 no. 5-36-40 My '61.

ANALOGY

The role of analogy in present-day natural sciences. E. I Rozenberg. Trudy Nov. inzh. -stroi. inst 9:225-233 '59.

ANALYTIC FUNCTIONS see Functions, Analytic

ANALYTICAL CHEMISTRY see Chemistry, Analytical

ANAPHYLAXIS

Anaphylaxis in sheep and its prevention. IE. I. Skrypnyk. Visnyk sil'hosp nauky 4 no. 7:85-89 Jl '61

Electrical activity of the cerebral cortex in experimental anaphylactic shock [with summary in English]. O. D. Gaske. Zhur. vys. nerv. deiat. 11 no. 2:322-328 Mr-Ap '61.

Experiments on the physiological analysis of anaphylaxis and its inhibition by aminazine. V. I. Luk'ianenko. Dokl. AN SSSR 136 no. 5:1234-1237 Je '61.

Methods of prevention of anaphylactic shock following intraosseous administration of antigen. B. S. Gudimov. Pat. fiziol. i eksp. terap. 5 no. 1:65 Ja-F '61.

ANATOMICAL SPECIMENS—COLLECTION AND PRESERVATION

Biothermal method of processing skeletal bones. A. V. Romodanovskii. Uch. zap. Omsk. gos. ped. inst. no. 12. 115-117 '59.

New method for preparing arthrological specimens for research and educational purposes [with summary in English]. T. I. Bohdanova. Dop. AN URSR no. 6: 819-821 '61.

ANATOMY

Plenary session of the All-Union Society of Anatomists, Histologists, and Embryologists. E. Sh. Gerlovin, I. D. Lev. Arkh. anat. gist. i embr. 38 no. 2:104-120 F '60.

ANATOMY, HUMAN

"Investigators of the human body from Hippocrates to Pavlov" [in German] by H. Glaser. Reviewed by M. I. Kolomiichenko. Vrach. delo no. 4:150-153 Ap '61.

ANCHORAGE

Ship anchorage under stormy weather conditions. G. Levchenko. Mor. flot 21 no. 2:22-23 F '61.

ANCHORS see subdivision under Great Britain

ANCHOVIES see subdivision under Maritime Territory

ANDIZHAN—SURGICAL SOCIETIES

Work of the Andizhan Surgical Society for 1960 I K Kainev Med zhur Uzb no 5 79-80 My '61

ANEMIA

Effectiveness of splenectomy in various diseases of the hematopoietic system Report No 1: Splenectomy in hemolytic anemias P A Efendiev, A M Akhundova Probl gemat i perel krovi 5 no 1 21-21 Ja '60

Immediate and late results of treating chronic hemolytic anemias [with summary in English, p 63] IU I Lorie, A. S Kukel, M A Umnova Probl gemat i perel krovi 5 no 1 40-46 Ja '60

Indications and contraindications for splenectomy in Werlhof's disease, hemolytic jaundice, the splenomegalic form of liver cirrhosis, and in thrombophlebitis splenomegaly [with summary in English, p 61] S. I Sherman, A. I. Blinova Probl gemat i perel. krovi 5 no 1 14-17 Ja '60

Splenectomy in children with Werlhof's disease and familial hemolytic anemia [with summary in English, p 62] S. D. Ternovskii Probl gemat i perel krovi 5 no 1 25-26 Ja '60.

Surgical treatment of hemolytic anemias [with summary in English, p 62] V. IA. Braitsev Probl. gemat i perel. krovi 5 no 1 38-40 Ja '60

Two cases of agastric anemia. E. IA. Severova. Sov. med. 25 no. 5:143-145 My '61.

Use of splenectomy in hypoplastic anemias [with summary in English, p 63] F E Fainshtein, R I. Murazian. Probl gemat i perel krovi 5 no 1 46-52 Ja '60

ANEMOMETER

Circuits of thermoanemometers with semiconductor thermoresistances. N. N. Kirsanov Prom. aerodin. no. 19 48-57 '60

Thermoanemometer with semiconductor thermoresistance. IU. G. Zakharov, M N. Vinogradov. Prom. aerodin no. 19-58-61 '60

ANESTHESIA

Anesthetic apparatus in foreign countries. A. S. Perel'mutr, IU. F. Kabatov. Med. prom. 15 no. 5.55-59 My '61.

Current status of the problem of potentiated anesthesia in otorhinolaryngological operations. B. A. El'kun. Zhur. ush. , nos. i gorl. bol. 21 no. 3:76-84 My-Je '61.

Evaluation of certain hemodynamic changes under the influence of various forms of anesthesia in an oncological surgery [with summary in English]. M. S. Chernin. Sov. med. 25 no. 4:93-98 Ap '61.

Fluorinated hydrocarbons as substances for inhalation anesthesia. R. A. Al'tshuler. Med. prom. 15 no. 5: 37-38 My '61.

"Modern inhalation anesthesia" by E. N. Meshalkin, V. P. Smol'nikov. Reviewed by S. Libov. Eksper. khir. 4 no. 6:57-58 N-D '59.

Potentiated anesthesia and hypothermia in the treatment of traumatic shock. I. Sh. Bliumin, I. T. Vilenskii. Eksper. khir. 4 no. 6:46-48 N-D '59.

Use of intubation anesthesia in surgery for laryngeal cancer [with summary in English]. D. A. Kazanskii. Zhur. ush. , nos. i gorl. bol. 21 no. 3:24-29 My-Je '61.

ANESTHESIOLOGY

Modern anesthesia and problems in the medical industry. I. S. Zhorov. Med. prom. 15 no. 5:3-14 My '61.

Vinogradov, V. M. , and P. K. D'iachenko. [Principles of clinical anesthesiology; general anesthesiology] Osnovy klinicheskoi anesteziologii; obshchaia anesteziologiia. [Leningrad] Gos. izd-vo med. lit-ry Medgiz, Leningr. otd-nie, 1961. 358 p.
(DNLM)

ANESTHESIOLOGY—APPARATUS AND INSTRUMENTS

Anesthetic apparatus in foreign countries. A. S. Perel'mutr, IU. F. Kabatov. Med. prom. 15 no. 5:55-59 My '61.

Apparatus for anesthesia. IU. F. Kabatov, A. S. Perel'mutr. Med. prom. 15 no. 5:30-34 My '61.

Apparatus for artificial respiration during anesthesia. IU. S. Gal'perin. Med. prom. 15 no. 5:34-36 My '61.

Apparatus 293 for artificial respiration during inhalation anesthesia. R. L. Kotras. Med. prom. 15 no. 5:52-54 My '61.

ANESTHETICS

Changes in sensitivity to various anesthetics following burn injuries. V. A. Konstantinov. Pat. fiziol. eksp. terap. 5 no. 3-72 My-Je '61.

Drugs in modern anesthesiology. M. D. Mashkovskii. Med. prom. 15 no. 5:14-20 My '61.

ANGARA RIVER—REGULATION

Rock clearing operations on the lower Angara. K. Pochekutov. Rech. transp. 20 no. 6:39-41 Je '61.

ANGARA VALLEY—BLACK FLIES

Black fly fauna (Simulidae, Diptera) of the Angara River and the ecology of species occurring in large masses. V. N. IAkuba. Trudy Vost. -Sib. fil. AN SSSR no. 23: 45-51 '60

ANGARA VALLEY—ENGINEERING GEOLOGY
Geomorphological studies in the Angara Basin for hydraulic, industrial, and civil construction N I Sokolov Vop geog no 52 61-76 '61

ANGARA VALLEY—PLANT COMMUNITIES
Cobresia associations in the Angara region G A. Peshkova. Izv. Sib. otd AN SSSR no. 5 110-114 '61.

ANGARA VALLEY—ROCKS, SEDIMENTARY
Geomorphological analysis in prospecting for pebbles, sands, and clays in the Angara Valley S. S Voskresenskii, IU G Simonov Vop geog no 52 15-55 '61

ANGARA VALLEY—SOILS
Soils of the northern Oka-Angara interfluve V A Kuz'min Izv Sib otd AN SSSR no 1 97-109 '61

ANGINA PECTORIS
Bilateral ligation of the internal arteries of the mammary glands in stenocardia. A. S. Oganesian, M. I. Zhidovtseva. Vrach. delo no. 4, 37-41 Ap '61.

ANGIOGRAPHY
Microroentgenography of the blood vessels and possibilities for its simplification N V Krylova Arkh anat gist i embr 38 no 2:81-101 F '60

ANGIOSPERMS
Takhtadzhian, A. L. [Origin of angiosperms] Proiskhozhdenie pokrytosemennykh rastenii. Izd. 2., perer. i dop. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 132 p.

ANGOLA—POLITICS AND GOVERNMENT
Events in Angola and South Vietnam. Az. i Afr. seg. no. 6 5-6 Je '61.
Sitting on a time-bomb John Sidden Vsem prof dvizh no 5 29-33 My '61

ANHYDRIDES
Study of the interaction of systems consisting of solid amines and succinic or benzoic anhydrides, made by plotting heating curves. M Kh Gluzman, R S Mil'ner Izv. vys. ucheb. zav. ;khim i khim. tekh. 3 no. 2 305-311 '60.

ANHYDRITE
"Madame H_2SO_4" (from Wissen und Leben") Nauka i zhizn' 28 no 5:56 My '61.

ANICHKOV, NIKOLAI NIKOLAEVICH, 1885-
Nikolai Nikolaevich Anichkov; on his 75th birthday. K. Volkova. Pat. fiziol. i eksp. terap. 5 no. 1 92-93 Ja-F '61.

ANILINE
Compounds containing a three-membered oxide ring Part 26. Reaction between aniline and the ethyl ester of β-phenylglycidic acid. V. F. Martynov and others Zhur ob khim 31 no 6:1806-1811 Je '61

Products of the addition of aniline and its derivatives to zinc halides. A. V Ablov, Z. P. Burnasheva. Zhur. neorg. khim. 5 no. 3 604-609 Mr '60.

ANILINE—SPECTRA
Contrariwise polarized systems and spectral color. Part 4. Reflection spectra of N-[β-(2, 4-dinitrophenyl)-ethyl]-aniline derivatives V A Izmail'skii, V E Limanov. Zhur ob khim 31 no 6:1788-1790 Je '61

ANIMAL FOOD
Second symposium of the International Association of Veterinary Food Hygienists M. M. Danilov. Vop. pit 20 no. 3, 89-91 My-Je '61.

ANIMAL INTRODUCTION
Acclimatization of commercial fishes in Lake Kara-Kul' (Pamirs) V. F. G[illegible] Vop [illegible]

Significance of windfall in the life of the sable. O K Gusev Trudy Vost -Sib fil AN SSSR no 23 107-118 '60

ANIMALS AS CARRIERS OF DISEASE
Animal species associated with the circulation of the virus of tick-borne encephalitis [with summary in English]. IU V Morozov. Biul MOIP. Otd. biol. 66 no 3, 5-19 My-Je '61

Epidemiological role of cats in spreading Microsporum among humans [with summary in English] Z G. Stepanishcheva. Zhur mikrobiol epid i immun 32 no 4 127-130 Ap '61

Role of wild animals in the spread of rabies. A I. Kononov Zhur mikrobiol epid i immun 31 no 12 102-103 D '60

ANIONS
Coprecipitation of some anions with inctal hydroxides. A. I. Novikov. Izv vys. ucheb zav., khim. i khim. tekh 3 no. 2 239-244 '60

ANISOLE
Alkylation of 4-chloroanisole by propylene, pseudobutylene, and cyclohexene in the presence of the catalyst $BF_3 \cdot H_3PO_4$. V. G. Kiuchkova, S. V. Zavgorodnii. Izv. vys. ucheb. zav. ;khim. i khim. tekh. 4 no. 1 92-95 '61.

Tin chloride - o-nitroanisole system. M Usanovich, E Pichugina, A Kalistratova Zhur ob khim 31 no 6, 1759-1761 Je '61

ANIVA GULF—ZOOPLANKTON
Zooplankton of Aniva Gulf [with summary in English]. L. A. Ponomareva Trudy Inst. okean. 51, 103-111 '61.

ANNA DISTRICT—SWORDS
Sarmatian sword from Voronezh Province G. I Korkhushin Sov arkheol 5 no 2:246-247 '61.

ANNEALING OF METALS
Industrial experimentation in patenting rope wire in two baths I. E Brainin, R. I Budinshtein. Izv vys. ucheb zav., chern met. 4 no 6:139-144 '61
Mechanism of the effect of hardening on the graphitization of white cast iron I. K. Tkachenko. Lit. proizv. no. 6, 30-32 Je '61

ANNIVERSARIES
Brief notes on important matters. Az. i Afr. seg. no. 6, 63 Je '61.
Noteworthy date. Nat. obr. no. 6:126-127 Je '61.
Noteworthy dates. Nat. obr. no. 7:127 Jl '61.
Our calendar. Voiov. ateist no. 2 51-52 F '61.

ANOXEMIA
Changes in the electric parameters of skeletal muscle tissues in animals acclimatized to hypoxia. Z I Barbashova, IU E. Moskalenko. Biofizika 6 no. 3 328-330 '61.
Effect of certain pyrimidine derivatives on the survival of animals under closed conditions. N M Mikhailova. Farm. i toks. 24 no. 2 203-204 Mr-Ap '61.
Effect of hypoxic hypoxia on the greater and lesser circulation [with summary in English] K. N. Fedorova. Pat. fiziol. i eksp. terap. 5 no. 1:51-56 Ja-F '61.

ANSHELES, IL'IA MARKOVICH, 1892-1960
Il'ia Markovich Ansheles. Zhur. mikrobiol. epid. i immun. 31 no. 8:151 Ag '60.

ANTARCTIC REGIONS
[Foreign literature on Antarctica.] Inostrannaia literatura ob Antarktike no.6 '58.
International cooperation in the Antarctic. D. I. Shcherbakov. Nov. vrem. 19 no. 30, 17-18 Jl '61.
The paths we choose ("Ice book, Antarctic travel diary" by Johan Smuul Reviewed by L Lazarev). Novyi mir 37 no 6, 247-251 Je '61

ANTARCTIC REGIONS—CORALS
Octocorallia) and antipatharians (Hexa- ed by the Soviet Antarctic Expedition V. Pasternak Trudy Inst. okean

ANTARCTIC REGIONS—DISCOVERY AND EXPLORATION
The first Russian Antarctic Ex- Mor. flot 21 no. 2:38-39 F '61.

ANTARCTIC REGIONS—EUPHAUSIIDAE
cyclones on the Antarctic feeding (th summary in English]. K. V. Inst. okean. 51:121-141 '61.

ANTARCTIC REGIONS—GEOLOGY—BIBLIOGRAPHY
rctic and Antarctic geology and inform biul. NIIGA no. 18:76-102

ANTARCTIC REGIONS—GLACIOLOGICAL RESEARCH
of the Fourth General Antarctic A. Savel'ev. Vest. Mosk. un. Ser. My-Je '61.

ANTARCTIC REGIONS—MARINE MAMMALS
ie mammals and other animals e Expedition of the Academy of S. R. (1957-1958). B A Zenkovich. no. 12, 23-24 '61

ANTARCTIC REGIONS—METEOROLOGY—OBSERVATIONS
Sovetskaia antarkticheskaia ekspeditsiia, 1957-58. [Materials of the Soviet Antarctic Expedition, 1957-58. Materialy] Leningrad, Izd-vo "Morskoi transport,"
Vol 14. [Second Continental Expedition, 1957-1958, observational data] Vtoraia kontinental'naia ekspeditsiia, 1957-1958 gg., materialy nabliudenii Pod red. I. M. Dolgina
Book 1 1960. 721 p.
Book 2. 1960. 688 p.
Vol 15. [Second Maritime Expedition, 1956-1957, observational data] Vtoraia morskaia ekspeditsiia, 1956-1957 gg., materialy nabliudenii. Pod red L. V. Dolganova. 1961. 331 p.

ANTARCTIC REGIONS—OCEANOGRAPHIC RESEARCH
Investigating the turbulence of the surface layer of water in the Antarctic sector of the Indian and Pacific Oceans N A. Panteleev Trudy Okean kom 10 no 1:137-140 '60
Research undertaken by the Third Maritime Antarctic Expedition of the Academy of Sciences of the U. S. S. R V G Kort Trudy Okean kom. 10 no 1 127-136 '60

ANTARCTIC REGIONS—WHALES
Determination of traces of corpora lutea in the Antarctic finback whale V A Zemskii Trudy VNIRO 33:105-160 '58
Diatom growths on finback whales in Antarctica. M. V. Ivashin Trudy VNIRO 33, 166-168 '58
Distribution of whales in the Atlantic sector of Antarctica. V. A Arsen'ev Trudy VNIRO 33:76-95 '58
Lesser rorquals (Balaenoptera acutorostrata Lac.) of Antarctica V. A. Arsen'ev. Trudy sov ikht kom. no 12 125-132 '61
Method of determining traces of ovulation of pregnancy corpora lutea in the humpback whale. M. V Ivashin Trudy VNIRO 33, 161-172 '58
Morphobiological adaptations in newborn Antarctic finback whales V A Zemskii Trudy VNIRO 33:179-185 '58

ANTARCTIC REGIONS—WHALING
Relation between the numbers of sighted and taken whales in the Antarctic whale fishery. V. A Arsen'ev. Trudy VNIRO 33, 101-104 '58.
Whaling in Antarctica in 1931-1955 and considerations on the state of whale stocks. B. A Zenkovich Trudy VNIRO 33:5-75 '58.

ANTARCTICA—DISCOVERY AND EXPLORATION
Ravich, M. G. [Warmed land; in the mountains of Antarctica] Otogretaia zemlia; v gorakh Antarktidy. Moskva, Gos. izd-vo geogr. lit-ry, 1961. 100 p.

ANTARCTICA—MOUNTAINS
Ravich, M. G. [Warmed land; in the mountains of Antarctica] Otogretaia zemlia; v gorakh Antarktidy. Moskva, Gos. izd-vo geogr. lit-ry, 1961. 199 p.

ANTELOPES, FOSSIL
Spiral-horned antelopes of the genus Spirocerus Boule et Teilhard de Chardin I I Sokolov. Trudy Zool inst 29 156-182 '61.

ANTENNAS (ELECTRONICS)
[Antennas with elliptical polarization; theory and practice. Collection of translated articles] Antenny ellipticheskoi poliarizatsii; teoriia i praktika. Sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1951. 355 p.
Characteristics of radiation from an ideally conducting sphere located in an inhomogeneous medium. Iu. S. Sainsov. Zhur. tekh. fiz. 29 no. 12, 1486-1490 D '59
Decouplings between two closely spaced mirror antennas B. E. Kinber. Radiotekh i elektron 6 no 6:907-916 Je '61.
Directional diagram of a periscopic system with ellipsoidal radiation. A. M. Pokras, B. E. Kinber. Elektrosviaz' 15 no. 6:22-30 Je '61.
Intercoupling between rhombic antennas located on the same platform S P Belousov, N. N. Shergin Vest sviazi 21 no. 4 6-8 Ap '61
New types of locomotive antennas. IU. V. Raevskii, N. M. Gavrilov, A. A. Tantsiura. Avtom. i telem i sviaz' 5 no 4 29-35 Ap '61.
Spherical two-mirror antennas. L. D. Bakhrakh, I. V. Vavilova. Radiotekh. i elektron. 6 no. 7:1146-1159 Jl '61.
Theoretical and experimental study of helix-dielectric antennas. V. P. Shestopalov, A. A. Bulgakov, B. M. Bulgakov. Radiotekh. i elektron. 6 no. 7:1136-1145 Jl '61.

ANTHOCYANIN
Variations in the accumulation of sugar and anthocyan in grafted first-year and second-year beets. V. T. Poda-Chikalenko. Uch. zap. Omsk. gos. ped. inst. no. 12:47-60 '59.

ANTHRACENE
Absorption and luminescence of antracene impurities in 9, 10-dihydroanthracene crystals at 20° K [with summary in English]. V. M. Vatulev. Ukr. fiz. zhur. 5 no. 1:40-58 Ja-F '60.

ANTHRACENE (Continued)

Cycloalkylation of aromatic compounds. Part 17. Cyclohexylation of phenanthrene and anthracene. N. G. Siderova, G. M. Saidova. Zhur. ob. khim. 31 no. 6: 2014-2017 Je '61.

High purity anthracene. L. A. Mikhailova, I. S. Markovich. Trudy IREA no. 22:130-135 '58.

ANTHRACENE—SPECTRA

Absorption and luminescence of impurities in crystals of organic compounds at 20°K. Part 4. Spectra of anthracene in crystals of certain polyphenyls [with summary in English]. A. V. Soloviov. Ukr. fiz. zhur. 6 no. 1: 56-65 Ja-F '61.

ANTHRAQUINONE

Selectivity of 2-ethylanthraquinone hydrogenation on a nickel catalyst. I. Kh. Freidlin, E. I. Litvin. Izv. AN SSSR, Otd. khim. nauk no. 6:1150-1151 Je '61.

ANTHRAQUINONESULFONIC ACID

Anthraquinone series. Part 32: Oxidative chlorination of anthraquinone-α-sulfonic acid with various oxidizing agents. V. V. Kozlov, A. A. Davydov. Zhur. ob. khim. 31 no. 6:2049-2052 Je '61.

ANTHRAX

(see also subdivision under Novosibirsk Province)

Aerosol immunization with dry live vaccines and anatoxins. Part 4. Characteristics and dynamics of the vaccinal process following aerosol vaccination with brucellosis, tularemia, anthrax and plague dust vaccines [with summary in English]. N. I. Aleksandrov and others. Zhur. mikrobiol. epid. i immun. 31 no. 12: 38-44 D '60.

Cutaneous form of anthrax and bacteremia [with summary in English]. V. N. Nikiforov. Zhur. mikrobiol. epid. i immun. 31 no. 8:122-126 Ag '60.

Quantitative determination of living spores in STI anthrax vaccine. N. A. Pan'kov. Zhur. mikrobiol. epid. i immun. 32 no. 1:104-107 Ja '61.

Rapid method for the diagnosis and identification of anthrax pathogens [with summary in English]. B. IA. Mikhailov, G. I. Rozhkov, A. L. Tamarin. Zhur. mikrobiol. epid. i immun. 31 no. 11:10-5 N '60.

Search for effective chemical vaccines against some zoonoses. Report No. 1. Production of chemically deposited anthrax vaccine and study of its effectiveness in animal experiments [with summary in English]. N. I. Aleksandrov and others. Zhur. mikrobiol. epid. i immun. 32 no. 5:42-46 My '61.

Third plenary session of the Interagency Committee on Research and Methodology in Anthrax Control. V. V. Arkhipov. Zhur. mikrobiol. epid. i immun. 31 no. 11: 166-167 N '60.

ANTHROPOGEOGRAPHY

Geography and modern times. D. Shcherbakov. Vokrug sveta no. 6, 2 Je '61.

ANTIBIOTICS

(see also subdivision under Japan)

Adenosinetriphosphatase and pyrophosphatase activity of E. coli under the influence of certain antibacterial substances [with summary in English]. M. F. Khanina. Antibiotiki 5 no. 3:68-72 My-Je '60.

Changes in the delicate morphology of the nervous apparatus of the portal lienis in some diseases in connection with and without the total action on the body of antibiotics and chemical preparations. IA. M. Musaev. Azerb. med. zhur. no. 6:52-58 Je '61.

Chemical characteristics of aurantin [with summary in English]. A. B. Silaev and others. Antibiotiki 5 no. 3: 18-21 My-Je '60.

Clinical and bacteriological interrelationships during antibiotic therapy for pyoderma [with summary in English]. P. G. Oganesian, L. A. Shteinlukht. Antibiotiki 5 no. 3:85-89 My-Je '60.

Clinical significance of laboratory determination of the sensitivity of microflora to antibiotics during the treatment of surgical patients [with summary in English]. B. S. Briskin. Antibiotiki 5 no. 3:107-110 My-Je '60.

Defense of dissertations. A. E. Kosmachev. Mikrobiologiia 30 no. 2 377-378 Mr-Ap '61.

Determination of the molecular weight of antibiotics by means of the isopiestic method [with summary in English]. V. M. Svetlaeva. Antibiotiki 5 no. 3, 63-68 My-Je '60.

Determination of the rate of oxygen dissolution and of the intensity of respiration in micro-organisms by means of gas analyzers. K. K. Ivanov, S. A. Lirova, T. A. Davydova. Lab. delo 7 no. 7, 45-48 Jl '61.

Differences in the antigenic structure of antibiotic-sensitive and antibiotic-resistant enteric bacteria [with summary in English]. V. A. TSyganov. Zhur. mikrobiol. epid. i immun. 32 no. 3:120-124 Mr '61.

Dosage of antibiotics in nephritis and nephrosis in children [with summary in English]. G. S. Blagoslovenskii. Vop. okh. mat. i det. 6 no. 4:9-14 Ap '61.

Effect of some antibiotics on the physiological activity of Azotobacter chroococcum [with summary in English]. M. V. Fedorov, I. Segi. Mikrobiologiia 30 no. 2 275-279 Mr-Ap '61.

Effective antibiotic therapy for otitis in children. V. IA. Leshchinskaia. Zhur. ush., nos. i gorl. bol. 20 no. 5: 71-72 S-O '60.

Effectiveness of treating acute dysentery with antibiotics and sensitivity of its pathogen to them in Ulan-Bator [with summary in English]. V. Gamma. Zhur. mikrobiol. epid. i immun. 32 no. 5 106-110 My '61.

Experimental data on the formation of resistance to antibiotics in pathogenic staphylococci, abstract. K. Kalman. Zhur. mikrobiol. epid. i immun. 32 no. 7 115-116 F '61.

Further observations on the use of antibiotics in treating an abundance of waters. V. V. Ivanova. Ped., akush. i gin. 23 no. 1 56-58 '61.

Lytic capacity of actinomycetes of the orange group [with summary in English]. IUan' TSzi-shen [Yuan Chi-sheng]. Mikrobiologiia 30 no. 2 249-254 Mr-Ap '61.

Model of experimental keratoconjunctivitis in evaluating the quality of antibiotics [with summary in English]. L. K. Ivanova. Zhur. mikrobiol. epid. i immun. 31 no. 3 62-66 Mr '60.

Modifying immune reactions of the body by preliminary administration of antibiotics [with summary in English]. T. M. Kokushina, A. I. Daal'-Berg, N. G. Simakova. Antibiotiki 5 no. 3:49-51 My-Je '60.

Origin of some antibiotic substances under natural conditions [with summary in English]. L. Dolezilova, I. Malek, Z. Vanek. Mikrobiologiia 30 no. 2 243-248 Mr-Ap '61.

Physiological, biochemical, and clinical changes in patients with diseases of the gastrointestinal tract during the administration of colimycin [with summary in English]. E. A. Govorovich, V. I. Litvinov. Antibiotiki 5 no. 3:102-104 My-Je '60.

Preventive and therapeutic effect of some antibiotics and other substances in tobacco and tomato mosaic diseases [with summary in English]. A. D. Bobyr'. Dop. AN URSR no. 5 678-682 '61.

Result of intrabronchial antibiotic therapy for pulmonary suppurations in district hospital. B. P. Popov. Sov. med. 25 no. 4 128-130 Ap '61.

Sensitivity of conjunctival microflora to certain antibiotics in trachoma [with summary in English]. G. P. Belikov, A. I. Danilkova. Antibiotiki 5 no. 3:93-96 My-Je '60.

Sensitivity of microflora to antibiotics in patients with suppurative otitis media and otogenic intracranial complications [with summary in English]. N. V. Zborovskaia. Zhur. ush., nos. i gorl. bol. 20 no. 5: 57-60 S-O '60.

Sensitivity of Proteus to some combinations of antibiotics [with summary in English]. M. Z. Gubaidullina. Zhur. mikrobiol. epid. i immun. 31 no. 12 80-84 D '60.

Sensitivity to antibiotics of strains of E. coli isolated from children with dyspepsia. B. M. Zel'manovich, O. P. Zaitseva, N. I. Saleeva. Antibiotiki 5 no. 3, 120 My-Je '60.

Side effects of antibiotics [with summary in English]. L. I. Gromashevskaia. Antibiotiki 5 no. 3:110-115 My-Je '60.

Significance of plasma clearance in the study of the kinetics of antibiotics [with summary in English]. J. Grafnetterova and others. Antibiotiki 5 no. 3:56-60 My-Je '60.

Some results and prospects for the experimental and clinical study of antibiotics in the light of tasks of the seven-year plan. Z. V. Ermol'eva. Antibiotiki 5 no. 3, 5-11 My-Je '60.

Sorption properties of toxins in relation to antibiotics. V. N. Derkach. Antibiotiki 5 no. 3:116-110 My-Je '60.

Studies on the effect of antibiotics individually and in combination on experimental infections in white mice caused by antibiotic-resistant staphylococci [with summary in English]. T. V. Golosova. Antibiotiki 5 no. 3: 89-93 My-Je '60.

Studies on the mechanism of action of biomycin and sekazin on Rickettsia prowazekii [with summary in English]. E. P. Savitskaia, L. P. Zubok. Zhur. mikrobiol. epid. i immun. 32 no. 3:98-102 Mr '61.

Study on a possibility of clinical utilization of the synergism between cycloserine and other antibiotics in the treatment of infections caused by staphylococci resistant to penicillin. Report No. 2 [with summary in English]. M. Balsh and others. Antibiotiki 5 no. 3:32-35 My-Je '60.

A study of the decomposition products of monomycin [with summary in English]. M. G. Brazhnikova, M. K. Kudinova, R. N. Trofileeva. Biokhimiia 26 no. 3 448-453 My-Je '61.

Treatment of bronchial asthma in children by intravenous use of novocaine in a complex with antibiotics. O. N. Safronova. Ped., akush. i gin. 23 no. 1:32 '61.

Use of antinophage in the identification and directed study of some producers of polyene antibiotics [with summary in English]. V. D. Kuznetsov. Antibiotiki 5 no. 3:25-29 My-Je '60.

ANTICOAGULANTS (MEDICINE)

Use of anticoagulants under outpatient and polyclinic conditions. N. G. Rabinovich. Vrach. delo no. 4:24-27 Ap '61.

ANTIEMETICS

Sedative and antiemetic effect of new neuroplegic substance ethaperazine [with summary in English]. Che Si-pin [Ch'ê Hsi-p'ing]. Farm. i toks. 24 no. 2: 140-145 Mr-Ap '61.

ANTIGENS AND ANTIBODIES

Amount of antibodies in the blood of colts and in the milk of horses used in the production of encephalitis serum [with summary in English]. B. G. Frukhmanov, E. N. Rodiukova. Vop. virus. 6 no. 2 149-151 Mr-Ap '61.

Antigenic characteristics of microbes from the Klebsiella-Aerobacter group. B. IA. Elbert. Zhur. mikrobiol. epid. i immun. 32 no. 2, 111-111 F '61.

Antigenic relationship in Shigella and Salmonella. Report No. 1. Antigenic relationships in Shigella and Salmonella according to data on the precipitation reaction with antigens exposed to sound [with summary in English]. I. F. Pers. Zhur. mikrobiol. epid. i immun. 31 no. 11 111-117 N '60.

Antigenic relationships in Shigella and Salmonella. Report No. 2. On the nature of antigenic relationships in Shigella and Salmonella [with summary in English]. I. F. Pers. Zhur. mikrobiol. epid. i immun. 32 no. 3: 102-107 Mr '61.

Autoimmune reaction against antigens from tonsils in chronic tonsillitis [with summary in English]. V. I. Marchenko and others. Zhur. mikrobiol. epid. i immun. 32 no. 1 50-53 Ap '61.

Autoimmunization and the significance of autoantibodies in pathology. A. M. Vikhert. Arkh. pat. 23 no. 5 3-16 '61.

Changes in the antigenic structure of the muscle tissue due to neural dystrophy. O. IA. Ostryi, Z. L. Sobieva. Dokl. AN SSSR 138 no. 5 1241-1244 Je '61.

Comparative study of protein fractions in complete antigens of Enterobacteriaceae [with summary in English]. V. D. Timakov, A. G. Skavronskaia. Zhur. mikrobiol. epid. i immun. 32 no. 3, 3-9 Mr '61.

Comparing the enzymatic hydrolysates of nonspecific gamma globulins and antibodies of rabbits [with summary in English]. A. E. Gurvich, L. M. Guberniova, K. N. Miasoedova. Biokhimiia 26 no. 3 466-476 My-Je '61.

Comparison of the synthesis of various antibodies in rabbits poisoned by carbon tetrachloride and mercuric chloride during simultaneous immunization with two antigens [with summary in English]. M. I. Ravich-Shcherbo, G. A. Annenkov. Zhur. mikrobiol. epid. i immun. 31 no. 8:29-35 Ag '60.

Data for the study of biological properties of streptococcal hyaluronidase. Report No. 1. Effect of streptococcal hyaluronidase on the processes of the absorption of various antigens [with summary in English]. V. IA. Fel'. Zhur. mikrobiol. epid. i immun. 32 no. 4 61-68 Ap '61.

Data on the serological characteristics of rheumatism in children. Report No. 2. On antibodies to M-substance of various serological types of hemolytic streptococci and sera of children with rheumatism [with summary in English]. V. IA. Fel'. Zhur. mikrobiol. epid. i immun. 32 no. 1, 65-68 Ja '61.

Detection of bacteria of the typho-paratyphoid group with the aid of luminescent antibodies [with summary in English]. S. P. Ivanova. Zhur. mikrobiol. epid. i immun. 31 no. 11:25-30 N '60.

Detection of Rickettsia with the aid of luminescent antibodies [with summary in English]. E. N. Ievina, N. M. Halaeva. Zhur. mikrobiol. epid. i immun. 31 no. 11, 22-25 N '60.

Determination of nonprecipitating antigens by the method of neutralization and diffusion in agar. Report No. 2 [with summary in English]. I. P. Maiorova. Zhur. mikrobiol. epid. i immun. 32 no. 1:89-94 Ja '61.

Fate of I^{131}-labeled antigens of dysenteric bacilli after oral administration in animals [with summary in English]. V. V. Grechko, T. S. Sedova. Zhur. mikrobiol. epid. i immun. 31 no. 11:117-122 N '60.

Further consideration on the accumulation of antibodies in the blood after remote revaccination. D. F. Pletsityi. Zhur. mikrobiol. epid. i immun. 32 no. 1:148-152 Ja '61.

Immunological activity and specificity of the antibodies absorbed on solid adsorbents. Report No. 1. A. K. Adamov. Zhur. mikrobiol. epid. i immun. 31 no. 3 127-128 Mr '60.

Method for determining H-antigens of enteropathogenic Escherichia coli in semiliquid agar [with summary in English]. A. K. Baltrushevich. Zhur. mikrobiol. epid. i immun. 31 no. 3, 48-51 Mr '60.

Properdin and normal antibodies; review of the literature. E. V. Chernokhvostova. Zhur. mikrobiol. epid. i immun. 31 no. 12 74-80 D '60.

Protective effect of preliminary vaccination on antibody formation following total-body X-ray irradiation [with summary in English]. M. I. Ravich-Shcherbo, L. G. Prokopenko. Zhur. mikrobiol. epid. i immun. 31 no. 12:68-74 D '60.

Significance of the conditions for the formation of the antitoxin Cl. Perfringens under the action of X rays. L. G. Kovtunovich. Zhur. mikrobiol. epid. i immun. 32 no. 5 129 My '61.

Sound-treated antigens in the serodiagnosis of syphilis and gonorrhea. N. M. Ovchinnikov and others. Lab. delo 7 no. 7:36-41 Jl '61.

Studies on compound active immunization against tetanus and leptospirosis under experimental conditions. Report No. 1: Studies on the effectiveness of associated immunization by means of a study on dynamics of antibody information [with summary in English]. M. G. Glovatskaia. Zhur. mikrobiol. epid. i immun. 32 no. 2 107-110 F '61.

ANTIGENS AND ANTIBODIES (Continued)
Studies on para-agglutination by means of fluorescent antibodies [with summary in English] I V. Shantarenko. Zhur. mikrobiol epid. i immun 31 no 11,36-42 N '60.
Studies on properties of antigen-antibody complexes by means of a fluorescent antibody method [with summary in English] I F. Mikhailov Zhur mikrobiol. epid. i immun 32 no 3:28-35 Mr '61
Studies on the chemical composition of BCG culture extracts exposed to ultrasonics and the isolation of a soluble antigens from them [with summary in English] V. A Blagoveshchenskii, G I Stepanchenok-Rudnik, I V Zhulina. Zhur mikrobiol epid i immun. 32 no. 3:17-22 Mr '61
Studies on the Vi-antigen of the bacteria of the enteric group. Report No 1: Specific substance in the Vi-antigen in bacteria of the enteric group [with summary in English]. E A. Petrosian, V P Zveriogorodskaia Zhur mikrobiol epid. i immun. 31 no 11:142-149 N '60.
Structural studies on antigens on bacteria from the enterotyphoid group by means of a specific gel precipitation method [with summary in English] V D Gekker, N. S. Sergeeva, L K Ivanova Zhur mikrobiol epid. i immun. 32 no. 2:61-66 F '61.
Use of an indirect fluorescent antibody method in species- and type-specific staining of certain pathogenic bacteria [with summary in English]. I. O Dashkevich and others Zhur. mikrobiol epid. i immun 31 no. 11: 43-49 N '60.
Use of an indirect fluorescent antibody method in the detection of the rabies virus [with summary in English]. K. A. Toplenincva, Vop. virus. 6 no 2:174-177 Mr-Ap '61.
Use of an indirect method for staining P. pestis with fluorescent antibodies Report No. 1; Specificity of staining and morphological characteristics of plague vaccine cells [with summary in English]. A. A. Sinitskii and others. Zhur. mikrobiol. epid i immun 31 no. 11:35-39 N '60.
Use of the complement fixation reaction for the quantitative determination of Botulinus antigen in type A anatoxins T. A. Kaltina Zhur. mikrobiol. epid. i immun 32 no. 5:115 My '61.
Use of Vi-diagnostic reaction for the detection of typhoid fever carriers. A.IA. Ukhov. Vrach. delo no. 4: 141-142 Ap '61.

ANTIHEMOLYSINS
Diagnostic significance of certain immune reactions in rheumatic fever [with summary in English] I. M. Liampert and others. Zhur. mikrobiol. epid. i immun 32 no no 3:35-43 Mr '61

ANTIMONY—ANALYSIS
Determination of zinc and antimony by the luminescence method with the use of benzoin. E. A. Bozhevol'nov Trudy IREA no 22:60-64 '58.

ANTIMONY CRYSTALS
Movement of dislocations in antimony crystals. L. M. Soifer, V. I. Satrtsev. Dokl. AN SSSR 138 no. 5:1084-1087 Je '61.

ANTIMONY-GALLIUM-ALUMINUM ALLOYS see Aluminum-antimony-gallium alloys

ANTIMONY ORES
Physicochemical conditions of the genesis of antimony deposits [with summary in English]. Voi Diu-in' [Wei Tiu-yin]. A. A. Saukov. Geokhimiia no. 6:480-485 '61.

ANTIMONY OXIDES—PHYSIOLOGICAL EFFECT
Condition of the [illegible]

ANTIPOVKA (LOSEVO DISTRICT)—ANTIQUITIES
Accidental find in Voronezh Province. I. I. Gushchina Sov. arkheol. 5 no 2 241-246 '61

ANTIQUITIES
(see also Archaeology, Man, Prehistoric, also subdivision 'Antiquities' under Antipovka, Losevo District; Azerbaijan; Chaplin, Rechitsa District; Greece, Khyrysly, Mingechaur, Oka Valley; Turkmenistan; Ulan-Ude)
The Aland in Western Europe during the epoch of "great migration of peoples" V A Kuznetsov, V K Pudovin Sov. arkheol 3 no. 2:79-95 '61
Shelov, D. B. [The Tanais necropolis; archaeological excavations, 1955-1958] Nekropol' Tanaisa, raskopki 1955-1958 gg. Moskva, Izd-vo Akad. nauk SSSR, 1961. 94 p. (Materialy i issledovaniia po arkheologii SSSR, no. 98)

ANTIRETICULAR CYTOTOXIC SERUM
Effect of antireticular cytotoxic serum on weight gains in cattle. S. I Presniak Dokl TSKhA no 61 209-214 '61.

ANTISEPTICS
Study of pyrazoles Report No. 21: Biological activity of pyrazole derivatives. I I. Grandberg and others Vest. Mosk. un Ser 6: Biol., pochv 16 no 3:27-34 My-Je '61.

AORTA—DISEASES
Acetone bodies in the myocardium in aortic stenosis in rabbits [with summary in English]. M. F. Vialykh, M. G. Lutsenko. Vop. med. khim. 7 no. 2:186-190 Mr-Ap '61.

APANASENKOVSKIY DISTRICT—BIRDS OF PREY
Feeding and abundance of predatory birds in the arid regions of Stavropol N. P. Kozlov Ornitologiia no 3 270-277 '60.

APARTMENT HOUSES
(see also subdivision under Donets Basin, Leningrad)
Earthquake-proof apartment houses built of thin-walled panels. V. Rasskazovskii, A. Grossman. Arkhit. SSSR no. 3:12-15 '61.
Experiences of the Polyustrovo Housing Construction Combine. L. L'vov. Na stroi. Ros. no. 1:3-7 Ja '61.
Houses made of three-dimensional bearing elements with free planning of apartments. S. Kvashnin-Samarin. Na stroi. Ros. no. 3:34-36 Mr '61.
Mints, M. S., and others. [Rating designs of large-panel apartment houses from the technical and economic point of view] Tekhniko-ekonomicheskaia otsenka konstruktivnykh reshenii krupnopanel'nykh zhilykh zdanii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 117 p.
Plan of an experimental apartment house to be built on settling soil. O. Okunev, N. Sidorova, D. Shapiro. Arkhit. SSSR no. 3:8-11 '61.
Plans for large-panel apartment houses. D. Kuznetsov, M. Daraskii. Stroi. i arkhit. 9 no. 5:14-17 My '61.
Plans of apartment houses to be built on collective farms and state farms. D. G. Tonskii, V. I. Emel'ianov. Biul. stroi. tekh. 18 no. 4:32-34 Ap '61.
Requirements concerning large-panel apartment houses. B. Shchepetrov. Stroi. i arkhit. Mosk. 10 no. 4:15-19 Ap '61.
Rural houses with duplex apartments. V. Kunin, I. Morozov. Sel'. stroi. 16 no. 5:26-27 My '61.
Sealing joints in completely precast apartment houses. K. Kashkarov. Na stroi. Ros. no. 1 23-25 Ja '61.
Types of apartments and sections for higher buildings. N. I. Likker. Stroi. i arkhit. Len. 23 no. 6:27-29 Je

idarstvennyi proektno-konstruktorskii
olindustriia. [Instructions for organized delivery and transportation of artiiruction of series I-464 and I-464A iment houses made of molded panels] anizatsii komplektnoi postavki, izdolii i vozvedeniia krupnopanel'nykh rii I-464 i I-464A iz panelei, izgotovlnym metodom; tekhnicheskie usloviia. l-vo lit-ry po stroit., arkhit. i stroit. 1, 130 p.

IS—MAINTENANCE AND REPAIR

anel buildings" by G. B. Dubravin, olkachev. Zhil. stroi. no. 5:32 My

on of apatite on the time of induction fon. M. A. Eigeles, M. L. Volova. 18 no. 5:1158-1161 Je '61.

nships in the family Chamaemyiidae Tanasiichuk. Ent. oboz. 40 no. 2:

Bee culture

is and its prognosis in comatous conremel'. Sov. med. 25 no. 5:128 My '61.

APPARATUS, OPHTHALMOLOGICAL see Eye, Instruments and apparatus for

APPENDICITIS
Acute appendicitis and rupture of the ovary B. I. Kandelis, N. IA. Shabashova. Akush. i gin. 37 no. 1:107-109 '61.
Appendicitis as a mask for typhoid fever and dysentery. B. IA. Padalka, G. G. Kazatskaia. Vrach. delo no. 4: 106-109 Ap '61.
Differential diagnosis of acute appendicitis, rupture of the ovary, and extrauterine pregnancy. I. M. Nadezhina. Med. zhur. Uzb. no. 1:20-26 Ja '61.

APPETITE
Physiology of appetite. A. M. Ugolev, V. G. Kasnil'. Usp. sovr biol. 51 no. 3 352-368 My-Je '61

APPLE
(see also subdivision under Moldavia)
Rudenko, I. S. [Setting and development of flower buds in apple trees] Zalozhenie i razvitie tsvetochnykh pochek iabloni. Kishinev, Izd-vo "Shtiintsa," Moldavskogo filiala Akad. nauk SSSR, 1960. 118 p. (DA)
Variations in the ascorbic acid content of fruit and leaves taken from the top and bottom parts of the apple-tree crown. F. G. Kropacheva. Uch. zap. Omsk. gos. ped. inst. no. 12:21-28 '59.

APPLE—DISEASES AND PESTS
Insect pests of the wild Siberian apple tree (Malus Pallasiana Juz.) and their effect on the insect fauna of orchards in the cis-Baikal region E V Poliakova Trudy Vost -Sib. fil AN SSSR no 23 33-40 '60.

APPLE—VARIETIES
(see also subdivision under Kartlia)
Effect of different apple varieties on the growth of the root system. Khuan-khai. [Huang Hai]. Dokl. TSKhA no. 59:25-30 '60.

APSHERON PENINSULA—GAS, NATURAL—GEOLOGY
South Apsheron ridge and its oil and gas potentials. V. A. Gorin. Uch zap. AGU, Geol -geog. ser. no. 3:31-35 '60.

APSHERON PENINSULA—GEOLOGY, STRUCTURAL
Tectonics of the sediments of the Apsheron stage in the central part of the Apsheron Peninsula [in Azerbaijani with summary in Russian]. F. S. Magerramova. Uch. zap. AGU, Geol. -geog. ser. no. 5:73-81 '59.

APSHERON PENINSULA—LANDSLIDES
On the confining of ancient landslides to the marine terraces of the Apsheron Peninsula. A K. Giul'. Uch. zap. AGU, Geol -geog. ser. no. 3 43-54 '60.

APSHERON PENINSULA—PETROLEUM GEOLOGY
Migration of petroleum along fractures in the Klimaki series of a productive layer. V. A. Gorin, Z. G. Zeinalova. Dokl. AN Azerb. SSR 17 no. 5:387-393 '61.
South Apsheron ridge and its oil and gas potentials. V. A. Gorin. Uch. zap. AGU, Geol. -geog. ser. no. 3:31-35 '59.

APSHERON PENINSULA—VEGETABLES—FERTILIZERS AND MANURES
Effect of methods used in applying fertilizers on the yield of cabbage, tomatoes, and potatoes [in Azerbaijani with summary in Russian]. M. G. Dzhebrailov. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 1:125-129 '61.

AQUARIUMS
Important aquarium plants. M. D. Makhlin. Bot. zhur. 46 no. 6:898-908 Je '61.

AQUATIC PLANTS
Important aquarium plants. M. D. Makhlin. Bot. zhur. 46 no. 6:898-908 Je '61.

ARAB COUNTRIES—PETROLEUM INDUSTRY
Arabian countries against the predatory cartel [with English summary in insert]. R. Andreev. Az. i Afr. seg. no. 3:8-10 Mr '61.

ARAB COUNTRIES—POLITICS
Arab proletariat in the struggle for freedom and independence [with English summary in insert]. I Samylovskii. Az. i Afr. seg no 5:8-7 My '61.

ARAL SEA—COAST CHANGES
Geomorphological characteristics of the latest transgression of the Aral Sea. V. I. Lymarev. Trudy Lab. ozeroved. 10:36-44 '60.

ARAL SEA REGION—FORAMINIFERA, FOSSIL
First find of large foraminifera in the Eocene sediments of the southern Aral Sea region V A. Ivanova, O. I. Nemkov. Izv. vys. ucheb. zav.; geol. i razv. 4 no 8 130-131 Ap '61.

ARAL SEA REGION—PHYSICAL GEOGRAPHY
Coastal landscapes of the Aral Sea and the history of their development. O. N. Kazakova. Trudy Lab. ozeroved. 10:22-35 '60.

ARAVAN VALLEY—PETROLEUM GEOLOGY
Oil occurrences in the Paleozoic on the Aravan River (Fergana). N. A. Kudriavtsev. Uch. zap. AGU, Geol. -geog. ser. no. 2:37-44 '59.

ARBITRATION, INDUSTRIAL
(see also subdivision under United States)
[Collection of rules of the State Arbitration Commission] Sbor.instr.ukaz.Gos.arbitr. no.11 '60, no.15 '61

ARBITRATION AND AWARD
Arbitration of civil law conflicts in capitalist countries A.D.Keilin Izv.vys.ucheb.zav.,prav. 4 no.1 116-125 '60.
Decisions of arbitration agencies. Sov.iust. no.12:32 Je '61.

ARC LIGHT see Electric lighting, Arc

ARCHAEOLOGICAL MUSEUMS AND COLLECTIONS see subdivision under Moscow

ARCHAEOLOGY
(see also subdivision under Azerbaijan; Black Sea region; Buryat-Mongolia; Crimea; Kirghizistan; Novgorod; Transbaikalia; Turkmenistan; also subdivision 'Antiquities' under Antipovka, Losevo District; Azerbaijan; Chaplin, Rechitsa District, Greece; Khynysly, Mingechaur, Oka Valley; Turkmenistan, Ulan-Udo)
Session of the Scientific Council of the State Historical Museum dedicated to the results of the 1958-1959 archaeological expeditions I. Matveeva. Sov.arkheol 5 no.2:324-326 '61

ARCHAEOLOGY—BIBLIOGRAPHY see Bibliography—Archaeology

ARCHANGEL—PAPER INDUSTRY
Solombola Paper and Woodworking Combine. N.V. Nikitin. Izv.vys.ucheb.zav., les.zhur. 4 no.2:166-167 '61.

ARCHANGEL PROVINCE—AGRICULTURE
Bringing bog soils of northern Archangel Province under cultivation. G.V.Afanas'ev, I.IA.Danilov, A.D.Kashanskii Dokl.TSKhA no.60:103-110 '61.

ARCHANGEL PROVINCE—DRAINAGE
Bringing bog soils of northern Archangel Province under cultivation. G.V.Afanas'ev, I.IA.Danilov, A.D.Kashanskii Dokl.TSKhA no.60:103-110 '61

ARCHANGEL PROVINCE—HYDROLOGY
Special features of the hydrological network of Archangel Province in connection with its economic utilization. V.L.Gorovot Biul.MOIP, Otd.geol. 34 no.5:163 S-O '59.

ARCHANGEL PROVINCE—LUMBER—TRANSPORTATION
Extra-wide lug type tires. F.Imber, P.Skachkov. Les.prom. 39 no.5,31 My '61.

ARCHANGEL PROVINCE—OWLS
Materials on the distribution and biology of owls in Archangel Province. V.IA.Parovshchikov, G.N. Sevast'ianov Ornitologiia no.3 122-130 '60.

ARCHITECTS—LEGAL STATUS, LAWS, ETC.
The rights of architects according to Soviet law [with summary in English] N.A.Raigorodskii Vest.LGU 16 no.11,98-110 '61

ARCHITECTURAL DRAWING
Drilling, R.S., and others. [Course on architectural drawing] Kurs inzhenerno-stroitel'nogo cherchenilia. Pod red. R.S.Brilinga. Khar'kov, Izd-vo Khar'kovskogo gos.univ. im. A.M. Gor'kogo, 1960. 241 p.

ARCHITECTURAL MODELS
Using models in assembly and construction work. D.Petrosian Prom.Arm. 4 no.1:75-76 Ja '61.

ARCHITECTURE
(see also subdivision under Magnitogorsk; Odessa; Ukraine)
Akademiia stroitel'stva i arkhitektury SSSR. Institut teorii i istorii arkhitektury i stroitel'noi tekhniki. [Architecture and building techniques] Arkhitektura i stroitel'naia tekhnika. Pod red. N.P.Bylinkina i dr. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 254 p.
Belinskii on architecture. M.S.Kagan. Stroi.i arkhit. Len. 23 no.6:24-26 Je '61.
National peculiarities of contemporary architecture abroad. I.Minkiavichius. Arkhit.SSSR no.5:56-61 '61.
Rationalism and formalism in contemporary Western architecture. A.V.Ikonnikov. Stroi.i arkhit.Len. 23 no.5:33-36 My '61.
To the Central Committee of the CPSU and the Council of Ministers of the U.S.S.R. Stroi.i arkhit.Len. 23 no.6:2 Je '61.
To the Third all-Union Congress of Soviet Architects. Stroi.i arkhit.Len. 23 no.6:1 Je '61.

ARCHITECTURE—BIBLIOGRAPHY see Bibliography—Architecture

ARCHITECTURE—COMPETITIONS see subdivision under Ukraine

ARCHITECTURE—CONGRESSES
Sixth Congress of the International Union of Architects. Arkhit.SSSR no.5 62 '61
Third All-Union Congress of Soviet Architects Arkhit. SSSR no.5 1 '61
Third Congress of Architects of the U.S.S.R. Gor.khoz. Mosk. 35 no.5 2 of cover My '61
To the third All Union Congress of Soviet Architects. Arkhit SSSR no.5 2-3 '61

ARCHITECTURE—CONSERVATION AND RESTORATION
Akademiia stroitel'stva i arkhitektury SSSR. Institut teorii i istorii arkhitektury i stroitel'noi tekhniki. [Methods of restoring architectural monuments; a textbook for architects and restorers] Metodika restavratsii pamiatnikov arkhitektury; posobie dlia arkhitektorov-restavratorov. Moskva, 1961. 215 p.
Temple at the bottom of the sea. Nauka i zhizn' 28 no.5,54 My '61.

ARCHITECTURE—DESIGNS AND PLANS
(see also subdivision under Lvov, Ukraine)
Coordinated series of model plans for large-panel buildings. B.N.Banykin. Stroi.i arkhit. Len. 23 no.4:7-11 Ap '61.
Novyye Cheremushki, block no.10. G.Pavlov. Stroi.i arkhit Mosk. 10 no.4:4-11 Ap '61.
Using high-speed electronic calculating machines in designing industrial and public buildings V.K Kabulov. Izv.AN Uz SSR Ser.tekh nauk no.3:66-70 '61

ARCHITECTURE—PHILOSOPHY
Architecture and abstractionism. S.Mozhnlagun. Arkhit. SSSR no.3:48-51 '61.

ARCHITECTURE, DOMESTIC see subdivision under Russia, Northern

ARCHITECTURE AND CLIMATE see subdivision under Azerbaijan

ARCHIVES—INVENTORIES, CALENDARS, ETC. see subdivision under Moscow

ARCTIC OCEAN—DEEP-SEA DEPOSITS
Work with heavy corers at the drift station "North Pole 7" K.P. Samsonov Inform.biul. NIIGA no.18:59-62 '60

ARCTIC OCEAN—WORLD WAR, 1939-1945—NAVAL OPERATIONS
Polar "Varlag"; excerpt from "The story of the 'Sibiriakov'" L. Novikov, A Tatadankin. Sov.voin 43 no.10: 41-44 My '61.

ARCTIC REGIONS—BIRDS
July in the Arctic. S.M.Uspenskii. Priroda 50 no.7: 124-125 Jl '61.

ARCTIC REGIONS—BRACHIOPODA, FOSSIL
Permian productids of the genus Horridonia D.L. Stepanov. Paleont.zhur. no.2 72-79 '61.

ARCTIC REGIONS—FIELD MICE
Materials on ecophysiological characteristics of Arctic mammals. G.B.Livchak. Trudy Inst.biol UFAN SSSR no.14:179-191 '60

ARCTIC REGIONS—GEOLOGY—BIBLIOGRAPHY
Recent literature on Arctic and Antarctic geology and mineral resources. Inform.biul.NIIGA no.18:76-102 '60

ARCTIC REGIONS—GEOLOGY—CONGRESSES
First International Symposium on Arctic Geology. F.G. Markov. Inform.biul.NIIGA no.18:5-8 '60.

ARCTIC REGIONS—METEOROLOGY, MARITIME
Heat exchange between the sea and the atmosphere in the Arctic in winter. A.V.Smetannikova. Trudy Okean. kom. 10 no.1:84-89 '60.

ARENA THEATER see subdivision under Kiev

ARGININE
Preparation with an arginine-decarboxylase activity obtained from S.typhimurium and its effect in an experiment; author's abstract IU.V. Galaev, S.R Khomik. Zhur.mikrobiol.epid.i immun. 31 no.8:141 Ag '61.

ARGON
Surface tension of solutions of liquified gases N_2--Ar, Ar--CH_4, N_2--CH_4 [with summary in English]. IU.P. Blagoi. Ukr.fiz.zhur. 5 no.1:109-114 Ja-F '60.

ARGUN VALLEY—GOLD ORES
Find of gold in Pre-Cambrian conglomerates of the Argun Valley. G.I.Kniazev. Geol.rud.mestorozh. no.3:103 My-Je '61.

ARITHMETIC
Tulinov, B.A., and Chekmarev, IA.F. [Arithmetic for pedagogical schools] Arifmetika; dlia pedagogicheskikh uchilishch. Izd.6. Moskva, Gos.uchebno pedagog. izd-vo M-va prosv. RSFSR, 1961. 295 p.

ARITHMETIC—STUDY AND TEACHING
How to develop children's thinking in studying arithmetic. E.Pozharskaia. Nar.obr. no.6:55-57 Je '61.
Skatkin, L.N., ed. [Improving the effectiveness of arithmetic lessons in elementary schools] Povyshenie effektivnosti urokov arifmetiki v nachal'noi shkole, sbornik statei Moskva, Gos.uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 105 p.

ARKADAK DISTRICT—SOCIALIST COMPETITION
The seven-year plan will be carried out ahead of time A.Chusliaev Ekon.sel'khoz 32 no.2 37-40 F '61

ARM—FRACTURE
Intramedullary nailing of fragments in fractures of both bones of the forearm. F.M.Golub. Med.zhur.Uzb. no.1:31-33 Ja '61.
Osteosynthesis with a metallic needle in fracture of the forearm L.IA Grigor'ev Zdrav.Bel 7 no.5:51-53 My '61

ARMAVIR—EXTRACTION APPARATUS
Economic efficiency of the ND-1250 extraction unit. A.N. Samoilov, E.I.Vishnevetskaia Masl.-zhir.prom. 27 no.6:39-40 Je '61.

ARMAVIR REGION—GIRAFFES, FOSSIL
Remains of a giraffe from the Pliocene of the Northern Caucasus. A IA Godina, L.I Alekseeva Paleont zhur no.2 130-131 '61

ARMENIA—ADMINISTRATIVE ECONOMIC COUNCILS
In the Economic Council of the Armenian S.S.R. Prom Arm 4 no.1 72-73 Ja '61
In the Economic Council of the Armenian S.S.R. Prom. Arm. 4 no.2 66-67 F '61.
In the Armenian Economic Council Prom. Arm. 4 no.3 71-72 Mr '61.

ARMENIA—AGRICULTURAL RESEARCH
Important factor for improving agricultural production. NTO 3 no.6:30-31 Je '61.

ARMENIA—AGRICULTURE
Rich nectares. A. Sultanov. Komsom.zhizn' no.23:5-7 D '59.
Unrelentingly put into practice the resolutions of the January Plenum of the Central Committee of the CPSU E.Asisatrian Prom.Arm. 4 no.4:6-8 Ap '61

ARMENIA—AUTOMATION
Automatic control in the machinery industry and its economic efficiency. S.Minasian. Prom.Arm. 4 no.1:27-31 Ja '61.

ARMENIA—BRANDY
Comparative study of apparatus for the double distillation of brandy V.Litvak Prom.Arm 4 no.4 53-59 Ap '61.
Distillation apparatus invented by engineer S. Zorabian. V.Burkhachian. Prom.Arm 4 no.4,41-43 Ap '61

ARMENIA—BREWING INDUSTRY
Scientific technical conference of workers of the beer and soft-drink industry. Prom.Arm. 4 no.1:65-66 Ja '61.

ARMENIA—BUILDING—CONTRACTS AND SPECIFICATIONS
In the State Committee on Construction of the Council of Ministers of the Armenian S.S.R. Prom.Arm. 4 no.4:73 Ap '61.

ARMENIA—BUILDING MATERIALS INDUSTRY
Quarry-plant for the manufacture of natural composite large wall blocks and panels. M Oganesian Prom. Arm. 4 no.4 9-14 Ap '61

ARMENIA—BUILDING STONES—CLASSIFICATION
Classification of natural building stones in Armenia according to their machinability. I. Ter-Azar'ev. Prom. Arm. 4 no.3 56-59 Mr '61.

ARMENIA—CARBONATED BEVERAGES
Scientific technical conference of workers of the beer and soft-drink industry. Prom.Arm. 4 no.1:65-66 Ja '61.

ARMENIA—CEMENT—TRANSPORTATION
Centralization of cement transportation to Erivan. E. Abramian Prom.Arm. 4 no.4:18-20 Ap '61.

ARMENIA—CHAMPAGNE (WINE)
Armenia's champagne wines. G Zazian. Prom.Arm. 4 no.4 15-17 Ap '61.

ARMENIA—CITY PLANNING
In the State Committee on Construction of the Armenian S.S.R. Prom.Arm 4 no.1:75 Ja '61.

ARMENIA—COMMERCIAL LAW
More attention to legal consultants. V.Frangulian, S.Gunashian. Prom.Arm. 4 no.1:25-27 Ja '61.

ARMENIA—CONSTITUTION
Armenian S.S.R. Constitution [Constitution (fundamental law) of the Armenian Soviet Socialist Republic, with amendments adopted at the second session of the Fifth Supreme Soviet of the Armenian S.S.R.] Konstitutsiia (osnovnoi zakon) Armianskoi Sovetskoi Sotsialisticheskoi Respubliki. S izmeneniiami i dopolneniiami, priniatymi na vtoroi sessii Verkhovnogo Soveta Armianskoi SSR piatogo sozyva. Erevan, Armianskoe gos. izd-vo, 1960. 28 p.

ARMENIA—CONSTRUCTION INDUSTRY
In the State Committee on Construction of the Armenian S. S. R. Prom. Arm. 1 no. 2 69 F '61

ARMENIA—CONTROLLERSHIP
Improve interdepartmental control in the system of the Armenian Economic Council L Mushegian Prom Arm 1 no 2 19-21 F '61

ARMENIA—CULTURE
"Culture of Revived Armenia" by A. Kh. Shaginian. Reviewed by L. Ter-Mkrtchian. Az. i Afr. seg. no. 3. 57-58 Mr '61.

ARMENIA—EARTHQUAKES AND BUILDING
Reducing the cost and improving the quality of earthquake-proof building, B. Karapetian, L. Shakhsuvarian. Prom. Arm 4 no. 2 54-57 F '61.

ARMENIA—ECONOMIC CONDITIONS
Fulfillment of the plan for the production of most important industrial articles of the Economic Council of the Armenian S. S. R. in 1960 (in %) Prom Arm. 1 no 1 3-4 Ja '61
Fulfillment of the plan for total output and growth rate of industry under the Economic Council of the Armenian S. S. R. by different branches in 1960 (in %) Prom Arm 1 no 1 3 Ja '61
In the Economic Council of the Armenian S. S. R. Prom Arm 4 no 1 70-71 Ap '61
Results of the second year of the seven-year plan E. Astsatrian Prom Arm 1 no 1:6-9 Ja '61
Soviet Armenia celebrates its 40th anniversary. Az. i Afr seg no 5:92 My '61

ARMENIA—ECONOMIC POLICY
At the boundaries of the seven-year plan. Prom. Arm. 4 no. 2.3-5 F '61.

ARMENIA—ELECTRIC APPARATUS AND APPLIANCES
Improve the quality of electric fittings and appliances for public consumption A Zakhoian Prom Arm 4 no. 3 11-14 Mr '61

ARMENIA—ELECTRIC GENERATORS
"GTCh" generator. Prom. Arm. 4 no. 4:39-40 Ap '61

ARMENIA—ELECTRIC INDUSTRIES
Some problems in the development of the electric-equipment industry in Armenia. G Khachatrian Prom Arm. 4 no. 2 6-10 F '61

ARMENIA—ELECTRIC LINES—OVERHEAD
Industrial methods for erecting electric power transmission lines in mountainous regions. D. Davidian Prom. Arm. 4 no 3 48-52 Mr '61

ARMENIA—ELECTRIC POWER
In the State Scientific-Technical Committee of the Council of Ministers of the Armenian S. S. R Prom. Arm 4 no 1:72 Ap '61

ARMENIA—ELECTRIC POWER DISTRIBUTION
Experience in using the SP-110 bar insulators in the Armenian power supply system G. Galustian. Prom Arm. 4 no. 1:52-54 Ja '61.

ARMENIA—ENGINEERING RESEARCH
Work of scientific technological societies. IA Mnatsakanian. Prom. Arm. 4 no. 2:58-60 F '61.

ARMENIA—FISH PROCESSING PLANTS
Use of ammonia vapor heat for heating water in the Sevan fish processing plant. P Mirzoiants Prom Arm. 4 no. 4:44-45 Ap '61.

ARMENIA—FRUIT CULTURE
Session of the Armenian Research Institute of Viticulture

ARMENIA—INDUSTRIES—BIBLIOGRAPHY
New books and information materials received by the scientific technological library of the Armenian Economic Council. Prom Arm. 4 no 3 77-78 Mr '61
New books received by the scientific technological library of the State Scientific Technological Committee of the Council of Ministers of the Armenian S S R Prom. Arm 4 no 3 78-80 Mr '61.

ARMENIA—INDUSTRY—CONTRACTS AND SPECIFICATIONS
Structure of contract relations V. Frangulian. Prom. Arm 4 no. 3, 21-24 Mr '61.

ARMENIA—LABOR PRODUCTIVITY
Fulfillment of the plan for labor productivity in industry under the Economic Council of the Armenian S S R in 1960 (in %) Prom. Arm. 1 no 1:5 Ja '61.
Labor productivity plan results in the industries under the Economic Council of the Armenian S. S. R. during the first quarter of 1961 (in per cents) Prom Arm 1 no 1 5 Ap '61

ARMENIA—LATHES
Model IB61M turning and screw cutting lath Prom Arm 1 no. 1 38-39 Ap '61.

ARMENIA—MACHINERY INDUSTRY
Automatic control in the machinery industry and its economic efficiency. S. Minasian Prom Arm 4 no. 1:27-31 Ja '61.
Automatic lines in the machinery industry and their economic efficiency. K. Magakian, S. Minasian. Prom. Arm. 1 no 2 23-26 F '61.
Modernization of equipment is an important factor in the utilization of industrial potentialities. V. Sanamian. Prom. Arm. 1 no 2 17-19 F '61.

ARMENIA—MILK PLANTS
Organizing the reception and processing of milk A Grigorian, A. Babaian Prom. Arm 4 no 1 20-23 Ja '61.

ARMENIA—NONFERROUS METALS
In the State Scientific-Technical Committee of the Council of Ministers of the Armenian S S R Prom Arm 4 no. 1:72 Ap '61.

ARMENIA—NONFERROUS METALS—METALLURGY
Activities of the Scientific-Technical Society are directed toward the solution of the principal scientific and technical problems. B Barsegian Prom Arm 4 no 4 60-63 Ap '61

ARMENIA—OFFICE EQUIPMENT AND SUPPLIES
Mechanizing the work of engineers and technicians employed by planning organizations and design bureaus in Armenia Prom. Arm. 4 no. 2.26-28 F '61.

ARMENIA—PLAGUE
History of plague in Armenia. V. N. Zil'fian Zhur. mikrobiol, epid i immun. 32 no 2:135-136 F '61

ARMENIA—PSYCHOLOGY
Psychology in Armenia [with summary in English]. Sh. S. Simonian Vop psikhol 7 no. 3 15-20 My-Je '61

ARMENIA—PUBLIC HEALTH
Achievements in public health in the Armenian S. S. R. R. Parsadanian. Zdravookhranenie 2 no. 4:6-9 Jl-Ag '59.

ARMENIA—RELATIONS (GENERAL) WITH RUSSIA
Norsisian, M. G. [History of Russo-Armenian relations] Iz istorii russko-armianskikh otnoshenii. Erevan, Izd-vo AN Armianskoi SSR,
Book 2. 1961. 461 p.

ARMENIA—REPLACEMENT OF INDUSTRIAL EQUIP-

ng the plan for new equipment in 1960
r 1961 A. Mirzoian. Prom Arm. 4

SYNTHETIC
technology and intensification of the esses of "vinyflex" resins. A. Sar- Prom Arm 4 no 4:28-31 Ap '61.

S
sonous snakes of Armenia. IAdovitye van, Armianskoe gos. izd-vo, 1960] .]

T COMPETITION
workers, engineers, technicians and in industrial enterprises and construction units of the Armenian Eco- 961. Prom. Arm. 4 no. 2:5-7 F '61.

ERS
ers. O. Sanoian. Prom. Arm. 4

I (METALLURGY)
storage ponds in mountain rivers. vet met 34 no 2 16-18 F '61.

ARMENIA—TECHNICAL EDUCATION
In the Republican House of Technology. Prom Arm. 4 no 3 71-75 Mr '61

ARMENIA—TECHNOLOGICAL INNOVATIONS
In the Armenian House of Technology Prom Arm 4 no 1 73 Ap '61
Volunteer designers and constructors exchange practices Prom Arm 4 no 4 62-63 Ap '61

ARMENIA—TEXTILE INDUSTRY—EQUIPMENT AND SUPPLIES
Improve the utilization of equipment in the textile industry of Armenia E Arutiunian Prom Arm 4 no 4: 21-24 Ap '61

ARMENIA—VOLCANIC ASH, TUFF, ETC
Using scoriae of the Avan and Karmrashen deposits as building materials. V. Snakian. Prom Arm. 4 no 1 10-14 Ja '61

ARMENIA—WINE AND WINE MAKING
Session of the Armenian Research Institute of Viticulture, Wine Making and Fruit Culture. Prom. Arm. 4 no 3: 63-65 Mr '61.

ARMENIA—WIRE INDUSTRY
New insulated wires Prom. Arm 1 no 4 40 Ap '61

ARMIES see also subdivision 'Army' under Czechoslovakia, Russia

ARMORED TRAINS
A page of history. L Azarov. Sov. voin 43 no. 9:34-36 My '61.

ARMS AND ARMOR, SARMATIAN
Sarmatian sword from Voronezh Province G I Borhushin Sov arkheol 5 no 2:216-217 '61.

ARMY WAGONS see Vehicles, Military

ARMY WIVES
Road to the people T Astapenkova Sov voin 13 no 11: 41 Je '61

AROMATIC COMPOUNDS
Works by Boris Aleksandrovich Porai-Koshits in the field of aromatic and heterocyclic compounds; on the 50th anniversary of his birth. O. F. Ginzburg. Trudy LTI no. 60 230-248 '60.

AROMATIZATION
Effect of the feed rate on the process of aromatization of n-hexane over an aluminum-chromium catalyst P V Kazanskii and others. Kin i kat 2 no 2 258-262 Mr-Ap '61

ARRHYTHMIA
Effect of the vomiting reflex on cardiac rhythm and its role in defense and pathological reactions of the body during pharmacological actions and disorders of coronary circulation [with summary in English] B. M. Fedorov. Pat fiziol. i eksp. terap. 5 no. 3 20-26 My-Je '61.
Resochin in a paroxysmal form of fibrillation arrhythmia and extrasystole. A. V Sumarokov. Sov. med. 25 no 4 131-133 Ap '61.

ARSENAZO
Conditions for the photometric determination of fluorine with the arsenazo reagent [with summary in English]. A. F. Kuteinikov. Zhur. anal. khim. 16 no. 3: 327-330 My-Je '61.

ARSENIC
Arsenic distribution in rimmed steel ingots L. M. Fishmov, V. I. IAkushin Izv vys. ucheb zav., chern met 4 no 5.68-74 '61
Rough purification of solutions from arsenic by sulfur dioxide D. B Buzur-Ool TSvet. met 34 no 2 47-50 F '61.
Treatment of arsenic-containing semifinished products of nonferrous metallurgy. L. M. Kahanova Trudy Alt GMNII AN Kazakh. SSR 9 247-250 '60

ARSENIC ORGANIC COMPOUNDS
Asymmetric tertiary arsines. Part 1: Phenylethylalkylarsine and their derivatives G Kamai, IU. F Gatilov Zhur ob. khim. 31 no. 6:1844-1847 Je '61.

ARSENIC POISONING
Effect of unithiol and its analogues on mercapto groups of the blood serum of rabbits under conditions of arsenic poisoning [with summary in English]. M. I. Lubanskyi, IU. I. Loboda. Ukr. biokhim. zhur. 33 no. 3: 315-325 '61.

ARSON
Criminal investigation of fire cases. N. Nadezhdin, N. Zarubin. Pozh. delo 7 no. 6:7-8 Je '61.

ART—BIBLIOGRAPHY see Bibliography—Art

ART—CATALOGS
[Chronicle of fine arts.] Lit. izobr. isk. no. 2 '61.

ART—COMPOSITION see Composition (Art)

ART—EXHIBITIONS see subdivision under Kiev

ART, AZERBAIJANI

Gabibov, N., and others. [Accounts of the fine arts in Soviet Azerbaijan, painting, sculpture, and drawings] Ocherki izobrazitel'nogo iskusstva Sovetskogo Azerbaidzhana; zhivopis', skul'ptura, grafika. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1960. 144 p. illus.

ART, DECORATIVE see subdivision under Caucasus

ARTERIES—DISEASES

Familial periarteritis nodosa. M. S. Shneider, P. S. Gol'dman. Sov. med. 25 no. 4 111-113 Ap '61.

ARTERIES—LIGATURE

Bilateral ligation of the internal arteries of the mammary glands in stenocardia. A. S. Oganesian, M. I. Zhidovtseva. Vrach. delo no. 4:37-41 Ap '61.

ARTERIOSCLEROSIS

Can you bring your arteries to a healthy state? Michel Rouze. V zashch. mira no. 12:91-96 D '60.

Comparative study of the action of some medicinal substances in atherosclerosis [with summary in English]. I. M. Gandzha, N. I. Kovaleva, V. N. Bronshtein. Vrach. delo no. 4:6-11 Ap '61.

Effect of novocaine on arterial pressure and the development of experimental arteriosclerosis [with summary in English]. N. T. Kovaleva. Pat. fiziol. i eksp. terap. 5 no. 3 30-33 My-Je '61.

Effect of pentamine, hexonium, and mecamine on the development of experimental atherosclerosis [with summary in English]. A. I. Mironenko. Farm. i toks. 24 no. 2:150-155 Mr-Ap '61.

Effect of vitamin K (vikasol) on the development of arteriosclerosis in rabbits [with summary in English]. Z. T. Samoilova. Pat. fiziol. i eksp. terap. 5 no. 3:33-36 My-Je '61.

Nervous influences on the blood coagulation rate in experimental arteriosclerosis [with summary in English] M. E. Raiskina, Z. T. Samoilova. Pat. fiziol. i eksp. terap. 5 no. 1:40-46 Ja-F '61.

Planimetric rulers for the quantitative evaluation of atherosclerotic vascular lesions. G. G. Avtandilov. Arkh. pat. 23 no. 4:89-90 '61.

ARTESIAN WELLS see subdivision under Caucasus, Northern

ARTHRITES

Bentonite test for diagnosis of infectious nonspecific polyarthritis. V. I. Sachkov and others. Lab. delo 7 no. 7 8-12 Jl '61.

Blood protein fractions in patients with infectious nonspecific polyarthritis under the influence of compound treatment. E. M. Pybchinskaia. Vrach. delo no. 4: 42-44 Ap '61.

ARTIFICIAL RESPIRATION see subdivision under United States

ARTIFICIAL SATELLITES

Detecting radiation anomalies above the southern part of the Atlantic Ocean at altitudes from 310 to 340 km. L. V. Kurnosova and others. Isk. sput. Zem. no. 8: 90-93 '61.

Effect of the attraction of the moon and the sun on the motion of an artificial earth satellite. A. V. Egorova. Isk. sput. Zem. no. 8:46-56 '61.

Satellites and meteorology. K. IA. Kondrat'ev. Usp. fiz. nauk 74 no. 2:103-222 Je '61.

General solution of the problem of the motion of an artificial satellite in the natural gravitational field of the earth. E. P. Aksenov, E. A. Grebenikov, V. G. Demin. Isk. sput. Zem. no. 8:64-71 '61.

Koroli, O. E. [Theoretical mechanics; trajectories of artificial earth satellites, correspondence course] Teoreticheskaia mekhanika; traektorii iskusstvennykh sputnikov Zemli; pis'mennye lektsii. Leningrad, Severo-zapadnyi zaochnyi politekhn. in-t, 1960. 28 p.

Measuring the intensity of charged particles following the chromospheric flare of July 7, 1959. E. V. Gorchakov, G. A. Basilevskaia. Isk. sput. Zem. no. 8:84-86 '61

Spatial situation of the outer radiation belt of the earth and of the region of auroras. E. V. Gorchakov. Isk. sput. Zem. no. 8:81-83 '61.

ARTIFICIAL SATELLITES—ATMOSPHERIC ENTRY

Spaceship returns to the earth. V. Petrov. Nauka i zhizn' 28 no. 5:29-31 My '61.

ARTIFICIAL SATELLITES—ORBITS

Evolution of orbits of artificial planet satellites under the action of gravitational perturbation of outer celestial bodies. M. L. Lidov. Isk. sput. Zem. no. 8, 5-45 '61.

Near-circular orbits of artificial earth satellites. V. G. Demin. Isk. sput. Zem. no. 8:57-63 '61.

ARTIFICIAL SATELLITES—TRACKING

Observations of artificial earth satellites. A. M. Lozinskii. Vest. AN SSSR 31 no. 5:117-118 My '61

ARTIFICIAL SATELLITES IN METEOROLOGY

Weather and the satellites. V. P. Petrov, A. A. Sochivko Priroda 50 no. 7 25-32 Jl '61.

ARTIFICIAL SATELLITES IN TELECOMMUNICATION

Artificial satellites and television. P. Efimov. Mr '61.

ARYANS

"The Indo-European problem" [in Spanish] by P. Bosch-Gimpera. Reviewed by A. IA. Brusov. Sov. arkheol. 5 no. 2 270-274 '61

ARZGIR DISTRICT—BIRDS OF PREY

Feeding and abundance of predatory birds in the arid regions of Stavropol. N. P. Kozlov. Ornitologiia no. 3 270-277 '60

ARZHANKA—POULTRY HOUSES AND EQUIPMENT

Mechanized poultry houses on the Arzhanka Collective Farm. M. Medvedev. Sel'. stroi. 15 no. 4:13-15 Ap '61.

ASBESTOS

(see also subdivision under Leningrad)

Effect of heating temperature on the physical and mechanical properties of chrysotile-asbestos. A. S. Ognev. Izv. vys. ucheb. zav., gor. zhur. no. 4:14-22 '61.

Formation of inorganic element-organic structures in adhesive compositions with the use of asbestos. A. B. Davydov, Z. G. Ivanova. Khim. prom. no. 5 340-344 My '61.

Genetic types of amphibole-asbestos deposits. N. D. Sobolev, M. V. Soboleva. Razved. i okh. nedr 26 no. 2 1-9 F '60.

Nature of friable chrysotile-asbestos. A. S. Ognev. Izv. vys. ucheb. zav., gor. zhur. no. 4:9-13 '61.

ASBESTOS—STANDARDS

Asbestos. I. D. Arenkov. Standartizatsiia 25 no. 6: 59-60 Je '61

ASBESTOS CEMENT

Accelerating the process of hardening slate by combined heat and moisture. T. M. Berkovich. Stroi. mat. 7 no. 5:7-9 My '61

ASCARIDS AND ASCARIASIS

(see also subdivision under Tajikistan)

Anthelminthic treatment of ascariasis with piperazine phosphate in Botkin's disease, typhoparatyphoid diseases, and dysentery [with summary in English]. IU. A. Shamov. Sov. med. 25 no. 5:69-73 My '61.

Case of acute hematogenous osteomyelitis in the light of allergic sensitization. N. P. Uskin. Med. zhur. Uzb. no. 1:68-69 Ja '61.

ASCITES

Mechanism of the formation of ascites in portal hypertension. F. Z. Meerson, G. I. Markovskaia. Eksper. khir. 4 no. 6:51-57 N-D '59.

ASCORBIC ACID

Amount of vitamin C in the urine of patients with scleroma before and following compound treatment [with summary in English]. E. A. Evdoshchenko. Zhur. ush., nos. i gorl. bol. 21 no. 3:45-49 My-Je '61.

Biochemical diagnosis of the ascorbic acid supply in the human body. M. I. Kuznetsov, R. V. Kudrova, IU. F. Udalov. Vop. pit. 20 no. 2 88-94 Mr-Ap '61.

Changes in the ascorbic acid and starch of potatoes during their storage. O. K. Biletska. Visnyk sil'hosp. nauky 4 no. 6,108-111 Je '61.

Nesterov's test as a nonspecific resistance index [with summary in English]. M. V. Zenkevich, M. N. Tkacheva. Zhur. mikrobiol. epid. i immun. 31 no. 11:[illegible] '60.

Variations in the ascorbic acid content of fruits taken from the top and bottom parts of the crown. F. G. Krapacheva. Uch. zap. Omsk. no. 12:21-28 '59.

ASH (TREE)

(see also subdivision under Soviet Union)

Regeneration of withering ash tree plantations in the steppe. I. M. Labunskii. Biul. nauch. NIILKhA no. 3/4.16-18 '57.

ASHKHABAD—PUBLIC HEALTH

Meeting of the medical workers' group. E. Abukova. Zdrav. Turk. 5 no. 1:

ASHKHABAD—TICKS

Ixodidae of Ashkabad. E. B. Kerbaba no. 1:3-6 Ja-F '61.

ASIA—BIBLIOGRAPHY

[New Soviet and foreign literature on non-Soviet East.] Nov. sov. i inostr. Vost. no. 4 '61.

ASIA—CATHOLIC CHURCH

Colonizers who wear soutanes. V. K. ateist no. 3:57-60 Mr '61.

ASIA—COMMUNIST PARTY

Consolidating the forces of the international movement [with English summary] I. nov. Az. i Afr. seg. no. 6:32-34 Je

ASIA—NAMES, GEOGRAPHICAL

Congress on toponymic. V. TSybul'skii. Az. i Afr. seg. no. 5:59 My '61

ASIA—POLITICS

Afro-Asian Solidarity Fund set up. Az. i Afr. seg. no. 5: 57-59 My '61

Brief notes on important items. Az. i Afr. seg. no. 5: 60 My '61

Colonialism will not succeed! Az. i Afr. seg. no. 3:10 Mr '61.

ASIA—SCIENTIFIC EXPEDITIONS

Val'skaia, B. A. [Contribution of the Russian Geographical Society to the study of eastern countries] Vklad Russkogo geograficheskogo obshchestva v izuchenie stran Vostoka. Moskva, Izd-vo vostochnoi lit-ry, 1960. 10 p.

ASIA, CENTRAL—LAND TENURE

New data on the early feudal institution of "Il'dzha" T. Kadyrova. Obshchestv. nauki v Uz. no. 4 37-41 '61

ASIA, CENTRAL—SILK MANUFACTURE

From the history of Central Asian silk weaving, on the identification of the "Zandanidi" cloth. A. M. Belenitskii, I. B. Bentovich. Sov. arkheol. 5 no. 2:66-78 '61

ASIA, MINOR—CHEMICAL APPARATUS

Globular-conical vessels in 12th century Asia Minor treatises on applied technology. O. L. Vil'chevskii. Sov. arkheol. 5 no. 2:210-212 '61

ASIA, MINOR—POTTERY

Globular-conical vessels in 12th century Asia Minor treatises on applied technology. O. L. Vil'chevskii. Sov. arkheol. 5 no. 2:210-212 '61

ASIA, SOUTHEASTERN—AGRICULTURE—ECONOMIC ASPECTS

Akademiia nauk SSSR. Institut mirovoi ekonomiki i mezhdunarodnykh otnoshenii. [Agrarian-peasant question in the independent underdeveloped countries of Asia, India, Burma, Indonesia] Agrarno-krest'ianskii vopros v suverennykh slaborazvitykh stranakh Azii; Indiia, Birma, Indoneziia. Moskva, 1961. 353 p.

ASIA, SOVIET CENTRAL see Soviet Central Asia

ASIATIC CHOLERA see Cholera, Asiatic

ASPARTASE

Synthesis of aspartic acid by actinomycetes catalyzed by aspartase. A. M. Bezborodov. Dokl. AN SSSR 138 no. 5 1202-1203 Je '61.

ASPARTIC TRANSAMINASE

Some properties of purified aspartic transaminase [with summary in English] Siui Tin-sen' [Hsü T'ing-sên]. Biokhimiia 26 no. 3 556-561 My-Je '61

ASPERGILLUS

Outbreak of aspergillosis at a brewery and alcohol plant [with summary in English] G. A. TSaturova, O. N. Mo-roz. Vop. pit. 20 no. 3:55-59 My-Je '61.

ASPERGILLUS—TOXICOLOGY

How chickens are affected by feed infested with Aspergillus fumigatus and feed which has been rendered harmless. T. E. Burdelev, V. G. Zhil'tsov, N. V. Demidova. Dokl. TSKhA no. 61 235-241 '61

ASPERGILLUS ORYZAE

Influence of a partial inhibition of respiration in Aspergillus oryzae on the synthesis of a biomass, the amount of P_2 and on the aminolytic activity [with summary in

ASSEMBLY-LINE METHODS

Automatic lines for die stamping. S. L. Zlotnikov. Kuz - shtam proizv. 3 no. 6 23-32 Je '61

Experimental economic analysis of the performance of semiautomatic production lines. N. Rozhin. Les prom 39 no. 6:25-27 Je '61.

Mechanized bleeding of the hydraulic brakes of the "Moskvich" car on a conveyer line. V. S. Perekrestov. Avt prom 27 no. 6:36-40 Je '61

ASTHENIA

Use of phenatine in hypertension with asthenic syndrome in aged subjects. L. B. Gakkel', E. N. Pavlova, A. G. Usov. Sov. med. 25 no. 5:142-144 My '61.

ASTHENIA NEUROCIRCULATORY see Neurocirculatory asthenia

ASTHMA

Bronchial asthma. E. IA. Pain. Zdorov'e 7 no. 7:28-29 Jl '61.

Chen-chu therapy for bronchial asthma in children. IA. M. Batahan, V. V. Grishchenko. Ped., akush. i gin. 23 no. 1:23-27 '61.

Treating bronchial asthma in children with stimulin D. L. S. Horden. Ped., akush. i gin. 23 no. 1 27-28 '61

Treatment of bronchial asthma in children by intravenous use of novocaine in a complex with antibiotics. O. N. Safronova. Ped., akush. i gin. 23 no. 1:32 '61.

ASTRAKHAN—FIREBOATS

Standing guard for sixty years. A. Borisov. Pozh. delo 7 no. 6:28 Je '61.

ASTRAKHAN-BAZAR DISTRICT—SOILS

Brown soils developed from steppe soils under advancing forests in Astrakhan-Bazar District. S. B. Faradzheva. Izv. AN Azerb. SSR. Ser. biol. i med nauk no. 1 107-115 '61.

ASTRONAUTICS

Along the paths of space. Sov. voin 43 no. 10:30-31 My '61

Appeal of the Central Committee of the CPSU, the Presidium of the Supreme Soviet of the U. S. S. R., and the government of the Soviet Union. Elektrosviaz' 15 no. 5: 1-2 My '61.

Appeal of the Central Committee of the CPSU, the Presidium of the Supreme Soviet of the U. S. S. R., and the government of the Soviet Union. Radiotekhnika 16 no. 5: 3-4 My '61.

Appeal of the Central Committee of the CPSU, The Presidium of the Supreme Soviet U. S. S. R., and the Government of the U. S. S. R. Vop. ist. KPSS 5 no. 3: 3-6 '61.

Aviation Sports Commission of the Central Soviet Aerial Club confirms IU. A. Gagarin's record. Kryl. rod. 12 no. 7:2 Jl '61.

Beginning of the space age. M. V. Keldysh. Vest. AN SSSR 31 no. 6 16-18 Je '61.

Conquerors of outer space. Nov. vrem. 10 no. 26:12 Je '61.

Council of the International Astronautical Federation. Vest. AN SSSR 31 no. 5:94 My '61

Dreams and reality ("Path to the stars" by K. E. Tsiolkovskii; "Soviet man in space." Reviewed by B. Komanovskii). Vokrug sveta no. 7:61-62 Jl '61.

A feat worthy of the land of Lenin. V. A. Parfenov. Vest. Vozd. Fl. no. 3 7-10 '61

First man in space. Louis Saillant. Vsem. prof. dvizh no. 5 3 My '61

First explorer of the cosmos. Stroitel' no. 5:27 My '61.

For peace and progress. Ekon. Rad. Ukr. no. 3:3 My-Je '61.

Gagarin, IUrii. [Road into space; notes of a pilot astronaut of the U. S. S. R.] Doroga v Kosmos; zapiski letchika-kosmonavta SSSR. [Moskva] Izd-vo "Pravda," 1961. 222 p.

[Gagarin's flight; materials published in Pravda] Polet Gagarina; materialy, opublikovannye v "Pravde." Moskva, Izd-vo "Pravda," 1961. 48 p.

Gil'zin, K. A. [Travel to distant worlds] Puteshestvie k dalekim miram. Moskva, Gos. izd-vo detskoi lit-ry M-va prosv. RSFSR, 1960. 319 p. (Shkol'naia biblioteka)

Golosovskii, I. M., and G. L. Anzimirov. [The star age] Zvezdnyi chas mira. Moskva, Izd-vo "Znanie," 1961. 44 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 10, Molodezhnaia, no. 7)

Great event in the history of mankind. Gidr. stroi. 31 no. 5:1 My '61.

Great victory of labor and science. Avtom., telem. i sviaz' 5 no. 5:1 My '61.

Historical feat. M. V. Keldysh. Priroda 50 no. 7:3-4 Jl '61.

Man conquers outer space. O. Bohorods'kyi. Volov. ateist no. 2:5-7 F '61.

Man into space. G. Pokrovskii. Kryl. rod. 12 no. 6: 17-18 Je '61.

A man went into space. P. K. Anokhin. Sov. voin 43 no 11:32-33 Je '61.

Mankind's dream fulfilled. A. N. Nesmelanov. Sov. voin 43 no. 9:4-5 My '61.

Milestones of a great journey. V. A. Sokolov. Nauka i zhizn' 28 no 5 8-12 My '61.

[New problems in physics] Novye problemy fiziki; sbornik statei. Moskva, Izd-vo "Znanie," 1961. 44 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 9, Fizika i khimia, no. 7)

On the threshold of the space age. M. Kroshkin. Komm. Vooruzh. Sil 1 no. 14:16-21 Jl '61.

On the way to space. V. Bazykin. Kryl. rod. 12 no. 7 10-11 Jl '61.

Preparing for manned flight into space. A. A. Blagonravov. Vest. AN SSSR 31 no. 6 19-30 Je '61

Soviet cosmonauts in inner space. G. V. Petrovich. Vest. AN SSSR 31 no. 5 13-22 My '61.

Soviet reality makes the most adventurous dreams come true. Moskva 5 no. 5 5-6 '61

To the Communist Party and the peoples of the Soviet Union! To the peoples and governments of all countries! To the entire progressive mankind! Appeal of the Central Committee of the CPSU, Presidium of the Supreme Soviet of the U. S. S. R. and the Soviet Union Government. Obshchestv. nauki v Uz. no. 4 3-4 '61.

To the sun! Konstantin Kudievskii. Sov. Ukr. 11 no. 6: 3-7 Je '61

Triumph of labor, science, and reason. Az. i Afr. seg. no. 5:2-3 My '61

Zorin, V. S. [A Soviet man in outer space; outer space and politics] V kosmose sovetskii chelovek, kosmos i politika. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1961. 31 p.

ASTRONAUTICS—BIBLIOGRAPHY see Bibliography—Astronautics

ASTRONOMICAL REFRACTION see Refraction, Astronomical

ASTRONOMY

Astronomical observations in August. M. M. Dagaev. Priroda 50 no. 7 126-128 Jl '61.

"Essays on astronomy in the U. S. S. R." by B. A. Vorontsov-Vel'iaminov. Reviewed by M. S. Eigenson. Astron. zhur. 38 no. 3:568 My-Je '61.

Kulikovskii, P. G. [Handbook for amateur astronomers] Spravochnik liubitelia astronomii. Izd. 3., perer. i dop. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 493 p.

Some achievements in astronomy in 1960. N. P. Erpylev. Vest. AN SSSR 31 no. 5 113-114 My '61.

"Vistas." Reviewed by P. V. Shcheglov. Astron. zhur. 38 no. 3:567-568 My-Je '61.

Zigel', F. IU. [Stars lead to infinity; pictures of the universe] Zvezdy vedut v beskonechnost'; kartiny mirozdaniia. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 195 p.

ASTRONOMY—ABSTRACTS

[Astronomy and geodesy.] Ref. zhur.: Astron. i geod. no. 6 Je '61.

ASTRONOMY—CONGRESSES

Eighth Plenum of the Committee on Comets and Meteors of the Astronomical Council of the Academy of Sciences of the U. S. S. R. O. V. Dobrovol'skii. Biul. Kom. po komet. i meteor. AN SSSR no. 5:53-54 '61

ASTRONOMY—HISTORY

Plenum of the Committee on the History of Astronomy. IU. G. Perel'. Astron. zhur. 38 no. 3:573-575 My-Je '61.

ASTRONOMY, CHINESE

Siartsev, P. A. [Outline of the history of astronomy in China] Ocherki istorii astronomii v Kitae. Pod red. V. P. Shcheglova. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 153 p.

ASTRONOMY, SPHERICAL AND PRACTICAL

Calculation of coordinates of the terrestrial pole by the International Latitude Service. N. I. Panchenko. Trudy Polt. grav. observ. 9:95-120 '61.

ASTROPHYSICS

"Physical processes inside stars" by D. A. Kamenetskii. Reviewed by S. B. Pikel'ner, V. I. Kogan. Usp. fiz. nauk 74 no. 1:191-194 My '61.

ATHEISM

(see also subdivision under Kalinin Province; Kazakhstan; Kirovograd Province; Odessa; Rovno Province)

[Atheist's manual] Sputnik ateista. Izd. 2., ispr. i dop. Moskva, Gos. izd-vo polit. lit-ry, 1961. 526 p. illus.

Expressed in colors. P. Stepanov. Volov. ateist no. 3: 55-56 Mr '61

For explicit and expedient propaganda. Volov. ateist no. 2:35-37 F '61.

History of religion and atheism ("At the sources of religion and freethinking" by IU. P. Frantsev. Reviewed by D. E. Khaiton). Vop. filos. 15 no. 6:166-169 '61.

In my creative work I don't need the help of God. V. Drokin. Volov. ateist no. 2:38 F '61.

The key to hearts. T. I. Chovhans'kyi. Volov. ateist no. 2 29-31 F '61

A knotty problem. V. Buslinskii. Agitator no. 7:49-51 Ap '61.

Please, come in! Let's have a heart-to-heart talk! D. F. IAtsenko. Volov. ateist no. 2:27-28 F '61

Toward light and knowledge ("Let's be militant atheists" by T. K. Kychko. Reviewed by N. Holovko). Volov. ateist no. 3 63-64 Mr '61

Welcome visitors. F. Kyrychenko. Volov. ateist. no. 2 29-31 F '61.

ATHEISM—BIBLIOGRAPHY see Bibliography—Atheism

ATHEISM—STUDY AND TEACHING

All are on the job. A. Mikhailov. Bibliotekar' no. 6: 46-47 Je '61.

Only knowing the reader. N. Demchenko. Bibliotekar' no. 6:44-46 Je '61.

With the weapon of facts. V. Shvydenko. Volov. ateist no. 2:60-62 F '61.

ATHEISTS see subdivision under Muchkapskiy District

ATHLETES

Peculiarities of a successive optic image in trained athletes. M. G. Amilakhvari. Probl. psikhol. sporta no. 1: 98-108 '60

ATHLETES—DISEASES AND HYGIENE

Metabolism involved in athletic efforts and the nutrition of athletes [with summary in English]. N. N. IAkovlev. Vop. pit. 20 no. 2:3-10 Mr-Ap '61.

ATHLETES—NUTRITION

Diet for athletes during the 17th Olympic games in Rome [with summary in English]. N. N. IAkovlev. Vop. pit. 20 no. 3 47-51 My-Je '61.

"Physiological basis of an athlete's diet" by A. D. Bernshtein. Reviewed by A. A. Minkh. Teor. i prak. fiz. kul' 23 no. 10:783 '60.

Recommendations for improving and restoring athletes' capacity for work by means of diet. N. N. IAkovlev. Teor. i prak. fiz. kul'. 23 no. 10:765-768 '60.

ATHLETES, CHINESE

Aduevskii, V. V. [Accounts of athletes of people's China] Ocherki o sportsmenakh narodnogo Kitaia. [Moskva] Izd-vo "Sovetskaia Rossiia," 1960. 70 p.

ATHLETIC FIELDS

Arrangement of physical-culture and athletic installations in residential area. N. N. Zvegil'skii. Teor. i prak. fiz. kul'. 23 no. 5:393-395 '60.

Development of a system of sports installations in the new progressive trend in town-building. N. M. Rezniков. Teor. i prak. fiz. kul'. 23 no. 9:706-711 '60.

ATLANTIC OCEAN—HERRING FISHERIES

Mechanized salting of herring on medium-size trawlers in the North Atlantic. A. V. Terent'ev. Trudy VNIRO 39 43-71 '59.

ATLANTIC OCEAN—LAMELLIBRANCHIATA

Bivalvular mollusk Cyprina islandica (L.), its geographical distribution and role in the communities of benthic fauna. V. I. Zatsepin, Z. A. Filatova. Trudy Inst. okean. 46:201-216 '61

ATLANTIC OCEAN—MARINE FAUNA

Consultations. Ryb. khoz. 37 no. 4:88 '61.

ATLANTIC OCEAN—METEOROLOGY, MARITIME

Investigation of changes in the state of the system ocean - atmosphere. V. V. Timonov, A. A. Gire. Trudy Okean. kom. 10 no. 1:47-49 '60.

ATLANTIC OCEAN—OCEAN CURRENTS

Seasonal variations of equatorial currents in the ocean. K. N. Fedorov. Trudy Inst. okean. 52:155-159 '61.

ATLANTIC OCEAN—OCEAN TEMPERATURE

Temperature waves in the Atlantic Ocean according to the observations of the research ship "Sedov" in March-May 1958. O. A. Kuznetsov. Trudy Inst. okean. 52: 160-165 '61.

ATLANTIC OCEAN—OCEANOGRAPHIC RESEARCH

The blue curtain parts; scientific voyages of the "Severianka." V. G. Azhazha. Priroda 50 no. 7:81-87 Jl '61.

ATLANTIC OCEAN—TRAWLS AND TRAWLING

Bogdanov, D. V. [In the tropical regions of the Atlantic Ocean] V tropikakh Atlanticheskogo okeana. Moskva, Izd-vo Akad. nauk SSSR, 1961. 73 p. (Nauchno-populiarnaia serila)

ATLANTIC OCEAN—YACHTS AND YACHTING

One-seat cruise yacht, "Jester" [from "Yachting," no. 5, 1960]. Sudostroenie 27 no. 5:39 My '61.

ATMOSPHERE

Segregation of long waves in hydrodynamical forecasting of pressure fields in the middle and upper troposphere over the northern hemisphere. M. B. Galin. Dokl. AN SSSR 138 no. 5:1073-1075 Je '61.

ATMOSPHERE, UPPER

Spatial situation of the outer radiation belt of the earth and of the region of auroras. E V Gorchakov. Isk sput. Zem no. 8 81-83 '61.

ATMOSPHERE, UPPER—OXYGEN CONTENT

Time required for the establishment of a steady amount of oxygen in planetary atmospheres containing water vapor. E. K. Bliznet. Dokl AN SSSR 138 no 5 1050-1053 Je '61.

ATMOSPHERIC ACOUSTICS

Method of studying the scattering of sound in the atmosphere. M A Kallistratova. Akust. zhur 5 no. 1 496-498 '59.

Possible heating of the upper atmosphere by long-wave acoustic radiation. G S. Golitsyn. Izv. AN SSSR Ser. geofiz. no. 7 1092-1093 Jl '61.

ATMOSPHERIC ELECTRICITY

Distribution of droplet charges in cumulus clouds. G. D. Petrov Izv. AN SSSR. Ser. geofiz no. 7 1085-1087 Jl '61.

ATMOSPHERIC NUCLEATION

Formation of molecular ions in the upper atmosphere. A. D. Danilov. Isk. sput. Zem. no 8, 72-76 '61

ATMOSPHERIC TEMPERATURE

Possible heating of the upper atmosphere by long-wave acoustic radiation. G S Golitsyn. Izv. AN SSSR Ser. geofiz no 7 1092-1093 Jl '61.

ATOMIC BOMB

Secrets of the first atomic war ("The great decision; the secret history of the atomic bomb" by Michael Amrine Reviewed by I Primashev) Nov vremi 19 no 29-28-31 Jl '61

ATOMIC ENERGY—BIBLIOGRAPHY see Bibliography—Atomic energy

ATOMIC ENERGY IN AGRICULTURE

In the Council on the Utilization of Atomic Energy in Agriculture L Soldatova. Vest. sel'khoz. nauki 6 no 6, 142 Ja '61

Training specialists for the utilization of atomic energy in agriculture V Rachinskii Vest sel'khoz nauki 6 no. 6, 143 Ja '61

ATOMIC NUCLEI see Nuclei, Atomic

ATOMIC POWER INDUSTRY see subdivision under Novo-Voronezh

ATOMIC POWER PLANTS
(see also subdivision under Novo-Voronezhskiy, Voronezh Province)

Caloric properties of Freon-12 in the supercritical region. G P Verkhivker, O D. Lugutkin Izv. vys. ucheb. zav., energ 4 no 5 72-76 My '01

ATOMIC SHIPS

Atomic energy in marine transportation. V S. Emel'ianov Vest. AN SSSR 31 no. 6:57-66 Je '61

Reliable texts on atomic ships should be made available to seamen. Z Rusakov. Mor flot 21 no. 6:44-45 Je '61.

ATOMIC SUBMARINES see subdivision under Clyde River

ATOMIC SPECTRUM see Spectrum, Atomic

ATOMIC THEORY

Optical orientation of atoms and its applications. G. V. Skrotskii, T. G. Izumova. Usp. fiz. nauk 73 no. 3:423-470 Mr '61.

ATOMIC WEAPONS

Nuclear explosives. M. Pavlov. Voen. znan. 37 no. 6:24 Je '61.

ATOMIC WEAPONS—TESTING see subdivision under France

ATOMS

Adirovich, E.I. [Atoms] Atomy. Moskva, Izd-vo "Znanie," 1961. 17 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 9, Fizika i khimiia, no. 6)

[MICROFILM]

Distribution of the orbital momentum in the group model of the atom V. M. Klechkovskii. Doklady TSKhA no 57 145-151 '60.

Sequential filling of the (n + l) groups in a statistical model of an atom V. M. Klechkovskii. Dokl. TSKhA no 84, 163-168 '61

ATROPHY

Olivopontocerebellar atrophy in a child. G. I. Rappoport. Zdrav. Bel. 7 no. 5:59-60 My '01.

ATTACK AND DEFENSE (MILITARY SCIENCE)

Control of service units in the attack. B. Smol'skii. Tyl i snab. Sov. Voor. Sil 21 no. 3:42-45 Mr '61.

ATTENTION

Peculiarities in the amount and distribution of attention in first grade pupils during exercises in physical education V. A Gavrilenko Probl. psikhol sporta no 1 261-276 '60

Psychological analysis of pupils' attention in manual training lessons [with summary in English] V. I Strakhov Vop psikhol 7 no 2 29-40 Mr-Ap '61.

AUDIOMETRY

Late results of tympanoplasty, as revealed by data of speech audiometry [with summary in English] K P Markova Zhur ush., nos i gorl bol 21 no 1 25-29 Ja-F '61.

AUDITING
(see also subdivision under Kondopoga)

Analysis of annual reports helped to uncover hidden potentialities. I Belobzhetskii, N Zaevskaia. Fin SSSR. 22 no. 6 69-75 Je '61.

Closer to production. P. Os'kin Fin. SSSR. 22 no. 6 11-16 Je '61

Economic work should be at the center of attention. S Valiev Fin SSSR, 22 no. 6 32-36 Je '61.

Financial planning and mobilization of internal potentialities O. Repina, V Paevskii Fin. SSSR. 22 no. 6 50-55 Je '61.

How we achieve an increase in budget income. I. Kazakov. Fin. SSSR 22 no 6 37-41 Je '61.

In search of new forms and methods. P. Rogozinskii. Fin. SSSR, 22 no. 6 20-26 Je '61

Make every effort in finding additional income. I. Totskii. Fin. SSSR. 22 no. 6 46-49 Je '61.

Seek the help of the public in improving accounting and reports K Polutskii Vest stat no 6, 41-43 '61

Studying the financial condition of enterprises. A. Stepanenko. Fin. SSSR. 22 no 6 26-32 Je '61

AUREOMYCIN

Clinical immunological indices during biomycin, pentoxyl, and vaccine therapy for patients with acute dysentery [with summary in English] S T Nadzhimitdinov. Zhur. mikrobiol epid i immun 32 no. 2:21-25 F '61

Effect of chlortetracycline and terramycin on the blood picture, blood pressure, pulse frequency, and respiration in dogs [with summary in English] A. M. Dumova. Farm. i toks. 24 no. 2 186-191 Mr-Ap '61

Free amino acids in Escherichia coli during the blockade of protein synthesis by chlortetracycline [with summary in English] E. D Vyshepan, R K Ledneva, K I Ivanova Biokhimiia 26 no 3 489-493 My-Je '61

Method for determining chlortetracycline (CTC) in fish [with summary in English] G. B Dubrova, IU. I. Rubinshtein. Vop. pit. 20 no 2 60-62 Mr-Ap '61.

Studies on the mechanism of action of biomycin and sekazin on Rickettsia prowazekii [with summary in English]. E P. Savitskaia, L P. Zubok. Zhur mikrobiol. epid i immun 32 no 3 98-102 Mr '61

AURORAS

Spatial situation of the outer radiation belt of the earth and of the region of auroras. E. V Gorchakov Isk. sput. Zem no. 8 81-83 '61.

AUSTENITE

X-ray phase analysis of hardened bulk products B. A. Brusilovskii Zav. lab 27 no. 6:699-701 '61

AUTHORS

The legacy of writers through their manuscripts. V. Grigorenko. Vop. lit. no. 12:180-185 D '59.

AUTHORS—CORRESPONDENCE, REMINISCENCES, ETC.

Rakhilin, I. S. [Moscow encounters] Moskovskie vstrechi. [Moskva] Mosk. rabochii, 1961. 266 p.

AUTHORS, UKRAINIAN

[Writers of the Soviet Ukraine, a reference book] Pisateli Sovetskoi Ukrainy; spravochnik. Kiev, "Radians'kyi pys'mennyk," 1960. 578 p. (Dekada ukrains'koi literatury ta mystetstva)

AUTOCLAVES

Automatic control of autoclave operations at the Novosibirsk air-entrained concrete plant. V M Natochin, M. N. Kurbatov, E. I. IUzhanin Stroi mat. 7 no. 5:27-29 My '61

Laboratory autoclave. Stroitel' no. 5:10 My '61.

AUTOMATIC CONTROL

Algorithms of digital analogs reproducing parabolic functions. A. R. Garbuzov. Shor. rab. po vop. elektromekh. no. 5:53-62 '61.

Analysis of nonlinear and optimalizing pulse systems using difference of the phase planes [with summary in English] V. M Kuntsevich. Avtom i telem. 22 no. 5 589-598 My '61.

Analysis of periodic operating conditions resulting from level quantization in automatic digital systems [with summary in English]. IU. M Korshunov. Avtom. i telem. 22 no. 7 885-895 Jl '61.

Analysis of the operation of a thyratron switch. V. V. Imedadze, A. G. Lekvinadze. Trudy Inst. elek., avtom. i telem. AN Gruz. SSR 1 93-103 '60.

Application of the two-dimensional Laplace transformation in the determination of the correlation function of the output signal of a linear dynamic system [with summary in English] A N Skliarevich Avtom i telem. 22 no 5 571-576 My '61

Attachment for the automatic control of tractors. M. M. Naatenko, L. I. Vasylenko, V. M Dovbysh Mekh sil' hosp. 12 no 7 29-30 Jl '61

Automatic control and mechanization in American oil fields. G K. Maksimovich. Neft khoz 39 no. 7 66-70 Jl '61

Automatic control for crane machinery G N. Shtriaev Put' i put khoz. 5 no 5:24-25 My '61

Automatic control of autoclave operations at the Novosibirsk air-entrained concrete plant V. M Natochin, M N. Kurbatov, E I. IUzhanin Stroi mat. 7 no. 5:27-29 My '61

Automatic control of electric filter performance I Sh Pleinskii TSvet met 34 no 2 50-52 F '61

Automatic control of the cathodic protection of ships V. Minchin Mor flot 21 no 6:23-24 Je '61

Automatic control of the operation of telegraph communications P A Naumov, G. A Emel'ianov. Elektrosviaz' 15 no. 7, 61-65 Jl '61.

Automatic control system of the process of neutralizing solutions. I I. Belinev TSvet met. 34 no. 6 51-51 Je '61

Automatic optimization of space distribution, Part 2 [with summary in English]. L. N. Fitsner. Avtom. i telem 22 no. 7 857-861 Jl '61.

Automatic pneumatic optimizer [with summary in English] N. V Grishko Avtom. i telem 22 no 5 654-663 My '61

Automatic recording and signalling of anode effects. E S Torosian. TSvet met 34 no 2-53-55 F '61.

Automatic saving of electric power. B. Ivanov. IUn. tekh. 5 no. 3:3-6 Mr '61.

Automatic signalling of metal breakthrough in steel-smelting furnace bottoms and walls. A M Denisenko. Stal' 21 no 3 231-232 Mr '61.

Automatic welding with the TC-32 welder. G. Mitrokhin. Mor. flot 21 no. 2:34-35 F '61.

Automatically controlled skip hoist G. P. Kudriavtsev. Gor. zhur. no. 6 48-50 Je '61.

Automation in the manufacture of sulfuric acid D Singer, I Kopetski. Khim prom no 6 410-413 Je '61

Automation of counting and control in mine railroad transportation. V P Bukhgolts Gor. zhur no. 4, 49-52 Ap '60

Automation raises quality and makes articles cheaper. G Serdiuk. Na strol. Ros. no 1 8-9 Ja '61.

Aviasenko, IU. G., and M. M. Kovalevskii. [Automatic control of mining equipment] Avtomatizatsiia shakhnykh ustanovok. Izd. 2., dop. i perer. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1960. 458 p.

Boiler furnace as an object of optimalizing control [with summary in English]. O. P. Obolonskyi. Avtomatyka no 3:56-63 '61.

Brief report on the activity of the Lvov Institute of Mechanical Engineering and Automation of the Academy of Sciences of the Ukrainian S. S. R in the fields of automatic control, telemetry, and measuring techniques. H H. Maksymovych. Avtomatyka no. 3 88-95 '61

Certain properties of static optimalizing controllers [with summary in English] V. M. Kuntsevych Avtomatyka no 2 24-29 '61.

Comparison of optimalizing automatic control pulse systems differing in extremum search techniques [with summary in English]. O. H. Ivakhnenko. Avtomatyka no. 3:3-29 '61.

Compensation of the time delay in a relay system [with summary in English]. N A Korolev Avtom i telem. 22 no. 5 605-612 My '61

Concerning a certain problem on processes optimum in speed in linear systems. F. Al'brekht. Avtom. i telem. 22 no. 7 838-844 Jl '61.

Concerning periodic conditions in an optimalizing control system, E IU Benua. Shor. rab. po vop. elektromekh. no. 5:69-84 '61.

Concerning the optimum maintenance of systems in long operation [with summary in English]. A. I. Perrote. Avtomatyka no 3 45-55 '61.

Concerning the optimum value of the trial steps of extremum systems. O. A. Fel'dbaum and others Avtomatyka no. 2 94-97 '61.

Concerning the static stability of a long-distance power transmission system with supporting synchronous compensators and with strong automatic excitation control. M. A. Tagirov, A. Kh. Kaliuzhnyi. Trudy Transp. -energ. inst. Sib. otd. AN SSSR no. 11 149-162 '60.

Concerning the use of Liapunov's direct method in differential equations with ambiguous right parts [with summary in English]. IU. I. Alimov. Avtom. i telem. 22 no. 7 817-830 Jl '61.

Controlling the flow of loose materials. B. S. Fialkov. Izv. vys. ucheb. zav., gor. zhur. no 4:29-32 '61.

Converter of linear magnitudes to a digital code. A. E. Zverev. Avtom. upr. i vych. tekh. no. 4:324-338 '61.

Description of multidimensional linear systems in matrix form [with summary in English]. I. Matyash, IA Shilkhanek. Avtom. i telem. 22 no. 7 876-884 Jl '61.

Determination of the parameters of correcting filters in automatic control systems with variable parameters. G. S. IAblokov. Avtom. upr. i vych. tekh. no. 4:268-282 '61.

Determining the economic advantages of the new equipment and techniques in the lower landings. A. G. Zhelnikov. Ves. prom. 36 no. 5:6-9 My '61.

Device for the automatic control of electric lighting. A. V. Solov'ev, M. S. Timofeevich. Svetotekhnika 7 no. 5 25-27 My '61.

Device for the control of warping of crankshaft press slides. V. A. Grigor'ev. Kuz.-shtam. proizv. 3 no. 6 47-48 Je '61.

Dralnik, B. N., and G. V. Shnalskii. [Strip thickness regulator on a continuous cold rolling mill] Regulator tolshchiny polosy na nepreryvnom stane kholodnoi prokatki. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1961. 76 p.

Effect of hysteresis on the nature of periodic processes in pulse-relay systems [with summary in English] V. P. Kazakov. Avtom. i telem. 22 no. 5 613-617 My '61.

Electrochemical device accomplishing a provisory reflex. A. A. Nazarov, Iu. P. Petrov. Sbor. rab. po vop. elektromekh. no. 5:61-69 '61.

Equipment for the control of strain in the parts of a hydraulic press and calculation of the amount of its loading. V. P. Lints and others. Kuz.-shtam. proizv. 3 no. 7 29-32 Jl '61.

Equivalence of the transfer function in satisfying the invariance conditions and optimum transfer function obtained from the condition of the minimum mean square error for a certain class of automatic control systems [with summary in English]. A. H. Shevelev. Avtomatyka no. 2 3-9 '61.

Features of automatic control in hydrometeorological operations. V. V. Kovalevskaia, A. N. Radchenko, V. V. Sidel'nikov. Sbor. rab. po vop. elektromekh. no. 5 189-201 '61.

For the mass production of automatic-control equipment. D. D. Matyl. Mashinostroitel' no. 6:42-46 Je '61.

Gulinev, A. I., and V. P. Riabinkin. [Automatic control and mechanization of welding processes] Avtomatizatsiia i mekhanizatsiia protsessov svarki. [Gor'kii] Gor'kovskoe knizhnoe izd-vo, 1960. 126 p.

Increasing the reliability of the means of controlling mechanical presses. I. N. Fil'kin, M. M. Rozenblat, E. V. Shirokov. Kuz.-shtam. proizv. 3 no. 7,16-20 Jl '61.

Invariant optimum linear systems with variable parameters. V. A. Vasilenko. Avtom. upr. i vych. tekh. no. 4:258-267 '61.

Investigating the system of automatic control of a single-stage crushing cycle. G. A. Khan, V. V. Smirnov. TSvet. met. 34 no. 6,1-9 Je '61.

Khalizev, G. P. [Automatic control and regulation of electric drives] Avtomaticheskoe upravlenie i regulirovanie elektroprivodami. Moskva, Ugletekhizdat, Lecture 4. [Contactor-type relay control of electric drives] Releino-kontaktornoe upravlenie elektroprivodami, obshchie printsipy. 1959. 27 p.

Mechanization and automatization in changing cars at shaft tops. G. I. Shumilina, I. V. Vinogradov, Iu. I. Rassadin. Gor. zhur. no. 5:58-59 My '61.

Mechanization of thought processes. S. E. Kozubovs'kyi. Avtomatyka no. 2 83-89 '61.

Method of determining the economic effectiveness of automatic control in petroleum production enterprises. M. M. Umanskii, L. M. Umanskii. Neft. khoz. 39 no. 7: 5-10 Jl '61.

Mine ventilation by reversible fans. I. I. Gofman, V. P. Belykh. Gor. zhur. no. 5:59-60 My '61.

Mironov, K. A., and L. I. Shipetin. [Automatic controllers; reference materials] Avtomaticheskie regulatory; spravochnye materialy. Izd. 2., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 551 p.

New automatic devices for mining enterprises. P. P. Minovskii. Gor. zhur. no. 4:54-59 Ap '60.

New means of automation in the mining industry. V. G. Ulitin. Gor. zhur. no. 4:59-61 Ap '60.

New system of efficient control in honing. Iu. Sh. Zbarskii, A. S. Krasnianskii. Stan. i instr. 32 no. 7:13-14 Jl '61.

Optimalizing control of low-inertia processes using a dynamic input signal convertor. A. P. Iurkevich. Avtom. upr. i vych. tekh. no. 4:50-52 '61.

Optimalizing control system for marine boiler plants. E. D. Garbel. Sudostroenie 27 no. 5:27-29 My '61.

Optimalizing controllers with a differential circuit [with summary in English]. V. I. Vasil'iev. Avtomatyka no 3: 30-35 '61.

Optimalizing efficiency controller of a blast furnace. B. M. Rakovs'kyi. Avtomatyka no. 3:62-67 '61.

Optimum control in a second-order pulse-relay system in the presence of random disturbances [with summary in English]. V. N. Novosel'tsev. Avtom. i telem. 22 no. 7: 865-875 Jl '61.

Portable bridge over bins for unloading dump trucks. B. M. Paskhin. Gor. zhur. no. 5:70-71 My '61.

Possibilities of using computers in program control. A. A. Voronov. Sbor. rab. po vop. elektromekh. no. 5:3-12 '61.

Practical method for estimating the coupling operator in linear approximation [with summary in English]. L. N. Lipatov, Iu. P. Leonov. Avtom. i telem. 22 no. 5: 561-570 My '61.

Precise method for studying periodic conditions in an optimalizing pulse control system. E. Iu. Benua. Sbor. rab. po vop. elektromekh. no. 5 81-91 '61.

Problem of using high liquid pressures in automatic systems. T. M. Bashta. Avtomatyka no. 2 90-93 '61.

Problem on quick response without switching with an arbitrary number of controlling functions [with summary in English]. A. N. Filatov. Avtom. i telem. 22 no. 7 831-837 Jl '61.

Problem on the determination of the stability limit of nonlinear control systems [with summary in English]. A. K. Bedel'baev. Avtom. i telem. 22 no. 7 831-833 Jl '61.

Problems concerning the programming of the treatment of surfaces. M. B. Ignat'ev. Sbor. rab. po vop. elektromekh. no. 5:29-39 '61.

Problems in the automation of hoisting machines with asychronous drive. A. E. Trop. Gor. zhur. no. 4:44-46 Ap '60.

Processes for the manufacture of rubber adhesives and their automatic control. A. D. Chugai and others. Kauch. i rez. 20 no. 6,11-15 Je '61.

Program control of automatic telephone exchanges. O. N. Ivanova, Z. S. Kokhanova, A. P. TSygankin. Elektrosviaz' 15 no. 5:41-50 My '61.

Programing the operation of multielectrode spot welding machines. B. K. Shchukin. Sbor. rab. po vop. elektromekh. no. 5:98-107 '61.

Programming conditions of argon-arc welding of tubes with a nonconsumable electrode. I. V. Varlamov, Iu. S. Ishchenko. Svar. proizv. no. 6:5-9 Je '61.

Search principles and dynamics of continuous optimalizing control systems. A. A. Krasovskii. Avtom. upr. i vych. tekh. no. 4:5-49 '61.

Selection of parameter correlations for control systems composed of three aperiodic links. L. G. Sobolev. Sudostroenie 27 no. 6,35-38 Je '61.

Self-oscillatory operation of a relay system with disturbance by random signals. V. IA. Katkovnik, A. A. Petrovzvanskii. Avtom. i telem. 22 no. 5 590-604 My '61.

Self-rectifying feedback amplifier feeding the control winding of a capacitor micromotor. V. A. Shubenko, V. M. Kriplenkov. Izv. vys. ucheb. zav., gor. zhur. no. 4:137-145 '61.

Shift registers and binary counters using ferrites and transistors. V. V. Imedadze, I. P. Pailodze. Trudy Inst. elek., avtom. i telem. AN Gruz. SSR 1.65-91 '60.

Sokolov, V. S. [Radioisotopes in automation] Izotopy v avtomatike. [Moskva] Mosk. rabochii, 1961. 126 p.

Some problems concerning the automatic control of traction substations. V. A. Manukhov. Elek. i tepl. tiaga 5 no. 3 22-23 Mr '61.

Some problems concerning the synthesis of feedback program control systems. M. B. Ignat'ev. Sbor. rab. po vop. elektromekh. no. 5,19-26 '61.

Stability of vibrationally linearized nonlinear systems. I. I. Blekhman, G. Iu. Dzhanelidze. Prikl. mat. i mekh. 25 no. 1:173-176 Ja-F '61.

Structural methods for the linear theory of control systems with variable parameters. A. S. Shatalov. Avtom. upr. i vych. tekh. no. 4:184-257 '61.

Structural transformations of linear systems with varying parameters [with summary in English]. A. V. Solodov. Avtom. i telem. 22 no. 5 577-580 My '61.

Study of nonstationary processes in a pulse system with a stepping motor [with summary in English]. V. M. Kolesnikov. Avtom. i telem. 22 no. 7 898-905 Jl '61.

Synopsis of R. I. Van Nyce's (U. S. A.) thesis "Study of the optimum strategies of optimalizing adaptations" (conclusion). V. V. Kleshchev. Avtomatyka no. 2 61-82 '61.

Synthesis of the compensating devices of automatic control systems in the presence of interference. V. V. Solodovnikov, P. S. Matveev. Avtom. upr. i vych. tekh. no. 4:93-183 '61.

Tables and formulas for determining the accuracy of the operation of a linear stationary dynamic system [with summary in English]. A. N. Skliarovich. Avtom. i telem. 22 no. 7:939-949 Jl '61.

Transistorized inverse power and frequency difference relay. V. V. Nadezhdin, V. K. Sirotko. Sbor. rab. po vop. elektromekh. no. 5 142-148 '61.

Use of a correlation method for automating the speed measuring system in hot strip rolling [with summary in English]. S. F. Kozubovs'kyi. Avtomatyka no. 3:64-73 '61.

Use of an experimental curve of a transient process for plotting frequency characteristics. I. M. Pachorina. Avtomatyka no. 3:74-78 '61.

Use of the statistical criteria in the optimization of automatic systems [with summary in English]. S. A. Doganovskii. Avtom. i telem. 22 no. 7,845-856 Jl '61.

Valuable manual ["Automatic control of loading and unloading equipment in harbors" by K. A. Egorov. Reviewed by Z. Vir'lanskii, S. Kitsis. Rech. transp. 20 no. 6:58 Je '61.

Ways of increasing the effectiveness of the over-all mechanization and automatization of ship repairing. I. Korobtsov, A. Risovich. Mor. flot 21 no. 1:35-38 Ja '61.

AUTOMATIC CONTROL—ABSTRACTS

[Automatic control and radio engineering.] Ref. zhur.: Avtom. i radioelektr. no. 7 Jl '61.

AUTOMATIC CONTROL—CONGRESSES

All-Union Competition on the Automatic Control of Forging Operations. V. V. Filippov. Kuz.-shtam. proizv. 3 no. 3:3 of cover Mr '61.

AUTOMATIC CONTROL—EQUIPMENT AND SUPPLIES

Likhachev, V. A. [Multichannel high-speed RUMB-2 recording device] Mnogokanal'noe bystrodeistvuiushchee registriruiushchee ustroistvo RUMB-2. Moskva, Gos. energ. izd-vo, 1961. 61 p. (Biblioteka po avtomatike, no. 23)

[MICROFILM]

AUTOMATIC CONTROL—PSYCHOLOGICAL ASPECTS

Psychological study of the activity of operators [with summary in English] V. V. Suvorova, Iu. V. Idashkin, S. S. Gadzhiev. Vop. psikhol. 7 no. 3 47-60 My-Je '61.

AUTOMATIC TELEPHONE see Telephone, Automatic

AUTOMATION

(see also subdivision under Armenia)

Automatic control in ore-dressing plants. I. L. Koval'skii. Mekh. i avtom. proizv. 15 no. 6 52-56 Je '61.

Automatic control in the machinery industry and its economic efficiency. S. Minasian. Prom. Arm. 4 no. 1,27-31 Ja '61.

Automatic line for machining rings for twisting frames. P. A. Ponomarev. Biul. tekh.-ekon. inform. no. 5 44-47 '61.

Automatic lines in the machinery industry and their economic efficiency. K. Magakian, S. Minasian. Prom. Arm. 4 no. 2,23-26 F '61.

Automation and its social and economic results. A. Zhdanov. Sots. trud 5 no. 12 149-154 D '60.

Automation of production processes at a blast furnace plant. Iu. I. Khripko. Bezop. truda v prom. 5 no. 7 22-23 Jl '61.

Automation of the benzene scrubbing department at the Stalinsk Coke-Chemical Plant. A. R. Kur'menkov, P. G. Gus'kov, L. A. Sklianov. Mekh. i avtom. proizv. 15 no. 6,18-20 Je '61.

Automation of the machining of crankshafts and lay shafts on lathes and drilling machines. V. A. Benkin. Mekh. i avtom. proizv. 15 no. 6:4-8 Je '61.

Baranov, N. A., and B. G. Gorbovskii. [Technology and automation of cellulose production] Tekhnologiia i avtomatizatsiia tsellyuloznogo proizvodstva. Moskva, Goslesbumizdat, 1961. 471 p.

Baranovskii, M. S. [Mechanization and automation of sheet-metal work] Mekhanizatsiia i avtomatizatsiia shtampovochnogo proizvodstva. Minsk, Gos. izd-vo BSSR Red. nauchno-tekhn. lit-ry, 1960. 233 p.

Complete mechanization and automation of the production at the "Krasnyi rezinshchik" Plant. N. V. Dolektorskii, M. F. Naumenko. Khim. prom. no. 5:359-361 My '61.

First steps of the Automation Division of the Scientific and Technical Council of the State Chemical Committee. A. L. Leonov. Khim. prom. no. 5:367-369 My '61.

Kukhtenko, A. I., and others. [Automation of mining operations] Avtomatizatsiia ochistnykh i prokhodcheskikh rabot. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 274 p.

Mechanization and automation of casting processes in machinery plants of the Moscow Province Economic Council. I. V. Gellert. Biul. tekh.-ekon. inform. no. 5 81-82 '61.

Mechanization and automation of operations at a railroad station. A. A. Avetikian, I. A. Podkopaev. Mekh. i avtom. proizv. 15 no. 6:23-26 Je '61.

Mikhailov, V. A., and N. S. Novakovskii. [Automation of purifying structures in city water-supply systems] Avtomatizatsiia vodoochistnykh sooruzhenii gorodskikh vodoprovodov. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1960. 192 p.

New automatic line. D. A. Simonov. Trakt. i sel'khozmash. 31 no. 7:39-40 Jl '61.

Organizing a temporary committee at the State Scientific Technological Board of the R. S. F. S. R. on automation of agricultural production processes. P. N. Zhuravlev. Biul. tekh.-ekon. inform. no. 6:72 '61.

Organizing the labor in automatic production lines. V. I. Korotkov. Mashinostroitel' no. 6:36 Je '61.

Over-all automation of hydraulic coal mining. V. D. Ginzburg, M. N. Zairtskii. Biul. tekh.-ekon. inform. no. 6,8-14 '61.

Pavlenko, G. E. [Regulation and automatic control of ship handling on rivers] O regulirovanii rezhimov i avtomatizatsii sudovozhdeniia na rekakh. Kiev, Izd-vo Akad. nauk USSR, 1961. 24 p.

Possibilities for over-all automation in the operation of tractors. V. I. Anokhin. Dokl. TSKhA no. 66-92-102 '61.

Problems of the future fleet and its automation. P. Strumpe. Mor. flot 21 no. 6:1-5 Je '61.

Production processes should be adapted to the over-all automation. A. P. Bolarintsev. Mashinostroitel' no. 6, 35 Je '61.

Rabinovich, A. N. [Over-all mechanization and automation of work processes in machinery and instrument manufacturing] Kompleksnaia mekhanizatsiia i avtomatizatsiia proizvodstvennykh protsessov v mashinostroenii i priborostroenii. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 535 p.

The 6L38 automatic production line. A. I. Berzon. Biul. tekh.-ekon. inform. no. 6:21 '61.

AUTOMATION (Continued)

Standard automatic line for assembling and part machining of connecting rods for automobile engines. E. A Bloshtein, F. N Kolesnikov. Biul. tekh.-ekon inform. no. 6 19-20 '61.

Technological development (review of the bulletin "Leningradskaia promyshlennost'"). Mekh i avtom. proizv. 15 no 6 59-60 Je '61

Technological progress and industrial safety B. Zlobinskii. Sots trud 6 no 5 61-64 My '61

Toward the 22d Congress of the CPSU. Mekh i avtom proizv 15 no 6 1-3 Je '61

AUTOMATION—BIBLIOGRAPHY see Bibliography—Automation

AUTOMATION—ECONOMIC ASPECTS

Automation of capitalist production is a disaster for the workers A Zvorykin Sots trud 6 no 5 30-40 My '61

AUTOMATISM

Doctrine of psychic automatism [with summary in English]. A A. Megrabian. Vop. psikhol. 7 no. 3:39-15 M.-Je '61.

AUTOMOBILE DRIVERS

First children's automobile highway. L. Berman. Nar. obr no. 6:75-79 Je '61.

Karlagin, A. V., and G. M. Solov'ev. [Driver's training manual] Posobie dlia podgotovki shoferov. Minsk, Gos. izd-vo BSSR, Red. nauchno-tekhn. lit-ry, 1961. 383 p.

AUTOMOBILE ENGINEERING

Analytical determination of the starting time and distance. N A Zabavnikov. Avt. prom 27 no. 6:11-14 Je '61

AUTOMOBILE INDUSTRY see subdivision under Gorkiy; Moscow

AUTOMOBILE INDUSTRY—ACCOUNTING see subdivision under Moscow

AUTOMOBILE INDUSTRY—EQUIPMENT AND SUPPLIES

Automatic machine for the manufacture of AKF-2 shell molds. N. A Arkhipov, N I Larionov Avt prom 27 no 6:46 Je '61

AUTOMOBILE INDUSTRY—PRODUCTION STANDARDS see subdivision under Moscow

AUTOMOBILE INDUSTRY—TECHNOLOGICAL INNOVATIONS see subdivision under Gorkiy

AUTOMOBILE TRAINS

Bashkatov, V. I. [Automobile trains] Avtomobil'nye poezda. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1960. 62 p.

AUTOMOBILES

Aren't there too many automobiles? Michel Hincker. V zashch. mira no. 12:43-47 D '60.

Belkin, L. I., and others. [The "Moskvich-407" automobile, design and maintenance] Avtomobil' "Moskvich" modeli 407, konstruktsiia i tekhnicheskoe obsluzhivanie. Pod red. A. F. Andronova. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 398 p.

AUTOMOBILES—BRAKES

Mechanized bleeding of the hydraulic brakes of the "Moskvich" car on a conveyer line V. S. Perekrestov Avt. prom. 27 no. 6:38-40 Je '61.

AUTOMOBILES—DYNAMICS

Analytical determination of the starting time and distance. N. A. Zabavnikov. Avt. prom. 27 no. 6:11-14 Je '61

Effect of increased engine power indices on the dynamic loads in the transmission of "Moskvich" and "UAZ" automobiles. IU. G. Stefanovich, S. N. Ivanov. Avt. prom. 27 no. 6:27-31 Je '61.

AUTOMOBILES—ENGINES

Lazarev, V. A. [Automobile engines in launch building] Avtomobil'nye dvigateli v katerostroenii. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 258 p.

AUTOMOBILES—ENGINES—VALVES

Deep drilling of automobile valves made of heat resistant steel. I N. Vovk, V. V. Murzin. Avt prom 27 no. 6: 40-41 Je '61.

AUTOMOBILES—EQUIPMENT AND SUPPLIES

Keeping automobile parts in stock piles. IU. Ispolatov, S Shapiro Tyl i snab. Sov. Voor. Sil 21 no. 3:76-79 Mr '61.

AUTOMOBILES—MAINTENANCE AND REPAIR

Scale removal from the driven gear of "Volga" automobile transmissions. D. S. Sveshnikov and others. Avt prom. 27 no. 6:42-43 Je '61.

AUTOMOBILES—SERVICE STATIONS

Means for further development and improvement of the petroleum supply system. A. A. Keller. Neft. khoz. 39 no. 7:48-52 Jl '61.

AUTOMOBILES—TIRES see subdivision under United States

AUTOMOBILES—TRANSMISSION DEVICES

Effect of increased engine power indices on the dynamic loads in the transmission of "Moskvich" and "UAZ" automobiles. IU. G. Stefanovich, S. N. Ivanov Avt. prom. 27 no 6:27-31 Je '61

Scale removal from the driven gear of "Volga" automobile transmissions. D. S Sveshnikov and others Avt. prom. 27 no. 6,42-43 Je '61.

AUTOMOBILES—TRANSPORTATION

Learn to load automobiles on flat cars rapidly. G Tarasov, M Dobromyslov Tyl i snab. Sov Voor Sil 21 no 3 83-86 Mr '61

AUTOMOBILES—WELDING

Mechanical welding of the axle shaft housing of the ZIL-157 automobile B. L. Till, V. P. Suslov Avt prom 27 no 6:37 Je '61.

AUTOMOBILES—WHEELS

Investigating the efficiency and skidding of an automobile wheel. B I. Klochkov Izv vys. uchebn. zav., mashinostr., no. 1,154-160 '61.

AUTOMOBILES, MILITARY

Each unit should have a well equipped motor pool G. Areshkin. Tyl i snab. Sov. Voor. Sil 21 no 1 67-69 Ja '61.

AUTOMORPHIC FUNCTIONS see Functions, Automorphic

AUTOMOTIVE TRANSPORTATION see Transportation, Automotive

AUTONOMIC DRUGS

Comparative evaluation of the effect of ganglion, pentamine, and dicoline on conditioned reflex regulation of the leukocyte composition of the blood [with summary in English]. N. I. Kruglaia. Farm. i toks 24 no. 2 180-186 Mr-Ap '61.

Effect of pentamine, hexonium, and mecamine on the development of experimental atherosclerosis [with summary in English]. A. I Mironenko. Farm. i toks. 24 no. 2:150-155 Mr-Ap '61.

Indications and contraindications for the use of a neurolytic mixture combined with local anesthesia in otorhinolaryngology [with summary in English]. E. N. Medvedskii. Zhur. ush., nos. i gorl. bol. 21 no. 3: 29-33 My-Je '61.

Influence of hexamethon on capillary function in peptic ulcer. E. I. Samson. Vrach. delo no. 4:131-132 Ap '61.

Pharmacology of the ganglion-blocking agent heptamine [with summary in English]. TS. A. Kharkevich. Farm. i toks. 24 no. 2:156-160 Mr-Ap '61.

AUTONOMIC NERVOUS SYSTEM see Nervous system, Autonomic

AUXILIARY POLICE

Soviet lawyers should lend their assistance to voluntary policemen. Sov. just. no. 12:1-2 Je '61

AVESTA

Makovel'skii, A. O. Avesta. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1960. 142 p.

AVICENNA, 980?-1037

Views of Ibn-Sina (Avicenna) on the role of physical exercise in human health. I. F. Prusakov. Gig. i san. 26 no. 1:59-61 Ja '61.

AXONOMETRIC PROJECTION

Construction of an axonometric image with the help of auxiliary projection. B. P. Kaverin Dokl. TSKhA no 66:327-330 '61.

AZEPINE

Copolymerization of vinylpyrrolidinone and vinylcaprolactam with dimethylvinylethynylcarbinol [with summary in English]. M. F. Shostakovskii, F. P. Sidel'kovskaia, F. Ibragimov. Vysokom. soed. 3 no 7 976-979 Jl '61.

AZEPINONE

Polarographic determination of caprolactam and amino acids, the intermediate products of synthetic fibers [with summary in English]. IA. I. Turian, IU. M. Tiurin, B. P. Zhantalai. Zhur. anal. khim. 16 no. 3:352-358 My-Je '61.

AZERBAEV, KENEN, 1861-

Erzakovich, B. G. Kenen Azerbaev. Moskva, Sovetskii kompozitor, 1961. 59 p. (Narodnye pevtsy i muzykanty)

AZERBAIJAN—ANTIQUITIES

Selimkhanov, I. R. [Historical, chemical and analytic investigation of ancient copper-alloy objects; based on materials of the Eneolithic of Azerbaijan] Istoriko-khimicheskie i analiticheskie issledovaniia drevnikh predmetov iz mednykh splavov; na materiale eneolita Azerbaidzhana. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1960. 179 p.

AZERBAIJAN—ARCHAEOLOGY

Transportation means in early Azerbaijan [in Azerbaijani with summary in Russian]. T. A. Buniatov. Izv. AN Azerb. SSR, Ser. obshchestv. nauk no. 3 3-17 '61.

AZERBAIJAN—ARCHITECTURE AND CLIMATE

Dividing Azerbaijan into climatological districts as related to construction. A. B. Gol'dshtein, K. M. Mamedzade, E. K. Mamedova. Izv. AN Azerb. SSR. Ser. obshchestv. nauk no. 3,123-132 '61.

AZERBAIJAN—BEETLES

Some characteristics of the distribution of individual groups of injurious beetles in Azerbaijan N G Samoedov Izv. AN Azerb SSR Ser. biol i med nauk no 2: 49-54 '61.

AZERBAIJAN—BITUMEN—GEOLOGY

Some results of studying bitumens in sedimentary rocks of Azerbaijan. M V. Abramovich, Sh. F. Mekhtiev. Uch. zap AGU, Geol.-geog. ser. no. 5 3-15 '59

AZERBAIJAN—CARRIAGES AND CARTS

Transportation means in early Azerbaijan [in Azerbaijani with summary in Russian]. T. A. Buniatov. Izv. AN Azerb. SSR, Ser. obshchestv. nauk no. 3 3-17 '61.

AZERBAIJAN—CLAY

Density of clay earths of some areas of Azerbaijan. E A Piozorovich, A D Sultanov Dokl AN Azerb. SSR 17 no. 4:293-298 '61.

Petrographic and mineralogical nature and the trace element content in clays of the Maikop series in Azerbaijan. A. G. Seidov, D. I. Zul'fugarly Uch. zap. AGU, Geol.-geog. ser. no. 5:67-72 '59.

AZERBAIJAN—CONSTITUTION

Azerbaijan. Constitution. [Constitution (fundamental law) of the Azerbaijan Soviet Socialist Republics, with amendments adopted at the first, second third and fifth sessions of the Fifth Supreme Soviet of the Azerbaijan S. S. R.] Konstitutsiia (osnovnoi zakon) Azerbaidzhanskoi Sovetskoi Sotsialisticheskoi Respubliki, s izmeneniiami i dopolneniiami, priniatymi na I, II, III i V sessiiakh Verkhovnogo Soveta Azerbaidzhanskoi SSR piatogo sozyva. Baku, Azerbaidzhanskoe gos. izd-vo, 1961. 30 p.

AZERBAIJAN—COPPER ORES

Age of copper pyrrothine ore formation on the southern slope of the Greater Caucasus in Azerbaijan. A. D. Sultanov, E. Sh. Shikhalibeili, A. I. Melikova. Dokl. AN Azerb. SSR 17 no 5:401-404 '61

AZERBAIJAN—COTTON—FERTILIZERS AND MANURES

Effect of organic fertilizers mined from the earth on cotton yields [in Azerbaijani with summary in Russian] A. A Guseinov. Izv. AN Azerb SSR Ser. biol i med. nauk no 1 101-105 '61.

AZERBAIJAN—CRIMINAL PROCEDURE

Azerbaijan S. S. R. Laws, statutes, etc. [The criminal procedure code of the Azerbaijan S. S. R.] Ugolovno-protsessual'nyi kodeks Azerbaidzhanskoi Sovetskoi Sotsialisticheskoi Respubliki. Baku, Izdanie Verkhovnogo Soveta Azerbaidzhanskoi SSR, 1961. 275 p.

AZERBAIJAN—DIPTERA

Systematics of bloodsucking midges of the genus Leptoconops Skuse in Transcaucasia and a description of new species. Sh. M Dzhafarov Izv. AN Azerb SSR Ser. biol. i med nauk no 1 67-76 '61

AZERBAIJAN—EARTH MOVEMENTS

Relation of recent tectonic movements to flash flood erosion on the southern slope of the Greater Caucasus (Azerbaijan). B. A. Budagov Dokl. AN Azerb SSR 17 no. 4:309-314 '61.

AZERBAIJAN—FERTILIZERS AND MANURES

"Alchemist" has been right, B. Mishne. Izobr. i rats. no. 6:20 Je '61.

AZERBAIJAN—FLEAS

Habitat conditions of fleas parasitic on gerbils in the southwestern part of the Azerbaijan S. S. R. [with summary in English] V. N. Kunitskii Zool. zhur. 40 no. 6:848-858 Je '61.

AZERBAIJAN—FOOD POISONING

Epidemiological peculiarities of meat toxinfections of a Salmonella character in Azerbaijan A. M Akhmedov Zhur mikrobiol. epid. i immun. 31 no. 12 96 D '60.

AZERBAIJAN—FORAMINIFERA, FOSSIL

Generic types of the Epistominidae family from the upper Aalen of the Yukhary-Tairdahal Samur region [Azerbaijan]. G. K. Kasimova. Uch zap. AGU, Geol.-geog. ser. no. 5:27-33 '59.

AZERBAIJAN—GEOLOGY, STRATIGRAPHIC

Facies and thickness of Triassic sediments of the Nakhichevan fold region [in Azerbaijani with summary in Russian] Sh. A Azizbekov, T. G. Gadzhiev Dokl. AN Azerb. SSR 17 no. 4:299-303 '61.

Lower Paleocene sediments of the Danian stage in the Vandam anticlinorium (southeastern Caucasus). I A Voskresenskii Izv. vys. ucheb. zav., geol. i razv. 4 no 4 24-26 Ap '61.

AZERBAIJAN—GRASSES
Seeding methods for perennial and annual grasses grown for seed production in irrigated regions D R Kostyrko Izv. AN Azerb. SSR Ser. biol. i med. nauk no 2 45-48 '61

AZERBAIJAN—HISTORY
Akademiia nauk Azerbaidzhanskoi SSR, Baku. Institut istorii. [History of Azerbaijan in three volumes] Istoriia Azerbaidzhana v trekh tomakh. Pod red. I. A. Guseinova i dr. Baku, 1960. 952 p.

AZERBAIJAN—IRRIGATION
Tunnels for building dams S. N. Vlasov Transp. stroi. 11 no. 5:17-19 My '61

AZERBAIJAN—LAMBS
Skin structure in newborn lambs of the Azerbaijan mountain merino, the borzakh breed, and their crosses. G. K. Kuliev Izv. AN Azerb. SSR Ser. biol. i med. nauk no 1 47-57 '61.

AZERBAIJAN—LEGUMES
Sowing pulse crops on stubble in the Kuba-Khachmas zone of Azerbaijan S. G. Gasymov Zemledelie 23 no 6:70-71 Je '61

AZERBAIJAN—MOTION PICTURES
Kalibekov, E. A. [Motion pictures in Azerbaijan] Kinoiskusstvo Azerbaidzhana. Baku, Azerbaidzhanskoe gos. izd-vo, 1960. 114 p.

AZERBAIJAN—MUD VOLCANOES
Periodicity of the eruptions of the mud volcanoes in Azerbaijan. Uch. zap. Azerb. Gos. Ped. Inst. Geol.-geog. ser. no 3:55-61 '60.

AZERBAIJAN—MULBERRY—VARIETIES
The new highly productive mulberry variety Khanlar-tut I. K. Abdullaev. Izv. AN Azerb. SSR Ser. biol. i med. nauk no 2 31-38 '61.
Studying biological properties of different mulberry varieties with reference to their use. I. K. Abdullaev. Izv. AN Azerb. SSR Ser. biol. i med. nauk no 1:25-32 '61.

AZERBAIJAN—OAK
Growth of native and introduced oak species under cultivation A. P. Bandin Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 2 13-17 '61

AZERBAIJAN—OIL FIELDS—SAFETY MEASURES
Improve working conditions for oil-field workers. D. Sultanov, R. Entrin. NTO 3 no. 6:48-49 Je '61.

AZERBAIJAN—PETROLEUM GEOLOGY
Effect of fractures on oil pools as illustrated by the oil fields of Azerbaijan. S. S. Samedov. Uch. zap. AGU. Geol. geog. ser. no. 3 21-30 '60.

AZERBAIJAN—PHYSICAL GEOGRAPHY
Classification of the physicogeographical units of the local types in the basin of the Akera River and the Zangelan area [in Azerbaijani with summary in Russian]. Sh. B. Kerimov. Uch. zap. AGU. Geol.-geog. ser. no. 2:107-116 '59.
Geograficheskoe obshchestvo Azerbaidzhanskoi SSR. [Proceedings of the Geographical Society of the Azerbaijan S. S. R.] Trudy. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1960. 365 p. [In Russian with summaries in Azerbaijani and English.]

AZERBAIJAN—PHYSICAL EDUCATION AND TRAINING
Training of a physical-culture group in Azerbaijan N. D. Syrchin, I. K. Pekshaev Teor. i prak. fiz. kul' 23 no 12:901-906 '60.

AZERBAIJAN—PHYTOGEOGRAPHY—MAPS
New vegetation map of Azerbaijan. L. I. Prilipko. Dokl. AN Azerb. SSR 17 no 4:327-330 '61

AZERBAIJAN—PLAGUE
"Bozdag Hill region as a natural focus of plague (Azerbaijan)" by IU. M. Rall', R. B. Kosminskii, R. S. Karandina. Reviewed by V. P. Bubenyshev. Zhur. mikrobiol. epid. i immun 31 no. 11:164-165 N '60

AZERBAIJAN—PRODUCTION STANDARDS
Organizing the establishment of work norms in Azerbaijan Economic Council. IU. Riabchinskii. Sots. trud 6 no. 5:128-129 My '61.

AZERBAIJAN—RELATIONS (GENERAL) WITH RUSSIA
An important and necessary book. I. A. Guseinov. Izv. AN Azerb. SSR. Ser. obshchestv. nauk no. 3:163-165 '61.

AZERBAIJAN—RIVERS—TEMPERATURE
Thermal regime of the rivers of the Lesser Caucasus (Azerbaijan S. S. R.) [in Azerbaijani with summary in Russian]. M. M. Gasanov, N. A. Volkov, B. S. Dzhafarov. Uch. zap. AGU. Geol.-geog. ser. no. 3:79-89 '60.

AZERBAIJAN—ROCKS, SEDIMENTARY
Relationships in the distribution and composition of sedimentary rocks as illustrated by the productive formation in Azerbaijan. A. D. Sultanov. Uch. zap. AGU. Geol.-geog. ser. no. 2:27-39 '59.

AZERBAIJAN—SHEEP BREEDS
Biological and economic characteristics of sheep breeds raised in Azerbaijan B. A. Aliev Izv. AN Azerb. SSR Ser. biol. i med. nauk no. 2 55-65 '61

AZERBAIJAN—SNOW
Snowstorms in the Azerbaijan S. S. R. [in Azerbaijani with summary in Russian]. A. D. Efiubov. Dokl. AN Azerb. SSR 17 no 4:315-318 '61.

AZERBAIJAN—SOILS—CLASSIFICATION
Problems in qualitative evaluation of soils in Azerbaijan V. R. Volobuev. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no 1 89-99 '61.

AZERBAIJAN—STATE FARMS
From the history of state farm development in Azerbaijan [in Azerbaijani with summary in Russian]. D. Kudratov. Izv. AN Azerb. SSR. Ser. obshchestv. nauk no. 3:75-85 '61.

AZERBAIJAN—TREMATODA
Some morphological changes in Clinostomum complanatum (Rud 1819) connected with its development. N. A. Feizullaev. Dokl. AN Azerb. SSR 17 no 5 423-426 '61

AZERBAIJANI LANGUAGE—PHONETICS
A rare phonetic phenomen φ > h encountered in a dialect of the Azerbaijani language. M. Sh. Shiraliev Dokl. AN Azerb. SSR 17 no. 5 433-435 '61

AZERBAIJANI LANGUAGE—TENSE
Several remarks on the stylistic features of past tense forms of the verb in the modern Azerbaijani language [in Azerbaijani with summary in Russian]. T. Efendieva-Gazhieva. Izv. AN Azerb. SSR. Ser. obshchestv. nauk no. 3 105-110 '61.

AZIMUTH
Simultaneous approximate determination of astronomical azimuth and the local stellar time. B. A. Volynskii. Biul. VAGO no. 28:42-50 '60.

AZOTOBACTER
Effect of roentgen rays on phosphorus and nitrogen metabolism in Azotobacter agile 22-D [with summary in English]. G. N. Zaitseva, Li TSiun'-in [Li Chun-ying] Mikrobiologiia 30 no. 2 197-202 Mr-Ap '61
Effect of the acidity of the medium on the development and nitrogen-fixing activity of weakened azotobacter strains. E. K. Karasevich. Doklady TSKhA no 57 201-207 '60.
Interrelation between higher plants and weakened azotobacter strains. E. K. Karasevich Doklady TSKhA no. 57 209-215 '60.
Role of Azotobacter in the biological purification of petroleum waste [with summary in English]. A. M. Arenshtein. Mikrobiologiia 30 no 2 304-307 Mr-Ap '61

AZOTOBACTER CHROOCOCCUM
Effect of some antibiotics on the physiological activity of Azotobacter chroococcum [with summary in English] M. V. Fedorov, I. Segi. Mikrobiologiia 30 no. 2 275-279 Mr-Ap '61

AZOV—EXCAVATIONS (ARCHAEOLOGY)
Shelov, D. B. [The Tanais necropolis; archaeological excavations, 1955-1958.] Nekropol' Tanaisa; raskopki 1955-1958 gg. Moskva, Izd-vo Akad. nauk SSSR, 1961. 94 p. (Materialy i issledovaniia po arkheologii SSSR, no. 98)

AZOV SEA REGION—GEOLOGY, STRUCTURAL
Recent data on the block structure of the Kalmius-Mius interfluve [with summary in English]. T. S. Lebedev, Il. T. Sobakar. Dop. AN URSR no. 6:783-786 '61.

AZOV SEA REGION—GRANITE
Scapolite from contact metasomatic formations in granites of the middle Azov Sea Region [with summary in English] E. IA. Marchenko. Dop. AN URSR no. 5 665-668 '61.

AZOV-BLACK SEA TERRITORY—MARINE ENGINEERING
Volunteer designing bureaus of the Azov - Black Sea Basin. E. Tkachenko. Mor. flot 21 no. 3:38-39 Mr '61.

AZOV-KUBAN REGION—WATER, UNDERGROUND
Concentration and distribution of iodine and bromine in subterranean waters of the Azov-Kuban fault. N. V. Ovchinnikov Biul. MOIP. Otd. geol. 34 no. 5:159-160 S-O '59.

BACILLUS ANTHRACIS
Effect of γ-rays on the STI vaccinal strain [with summary in English]. G. N. Chistiakov. Zhur. mikrobiol. epid. i immun 31 no. 11:103-105 N '60.

BACILLUS CEREUS
The fine structure of the phage of Bacillus mycoides. A. S. Tikhonenko. Dokl. AN SSSR 138 no. 6:1449-1452 Je '61.

BACILLUS MEGATERIUM
Comparative study of some bacteriophages of Bac. megatherium [with summary in English] N. IA. Solov'eva, A. S. Krivisk'i, IA. I. Rautenshtein. Mikrobiologiia 30 no. 2:255-260 Mr-Ap '61.

BACILLUS MYCOIDES
Electron microscope study of the phagolysate of Bacillus mycoides following exposure to ultrasonic waves A. S. Tikhonenko, I. E. El'piner Biofizika 4 no 5:610-614 '59

BACKACHE
Cerebrospinal fluid in lumbar and sciatic pain [with summary in French]. T. G. Glonozova. Zhur. nevr. i psikh. 61 no. 2:287-290 '61.

BACON, FRANCIS, 1561-1626
In Francis Bacon's memory R. S. Sharafutdinova Obshchestv. nauki v Uz. no 4 63 '61

BACTERIA
Acquisition of resistance to radioactivity by a microbe cell kept in a medium with a high natural radiation level [with summary in English] P. N. Kiselev and others Mikrobiologiia 30 no 2 207-214 Mr-Ap '61
Chemical composition and aggregating capacity of a microbe mass [with summary in English] T. K. Gaponenkov, L. I. Shatsman Mikrobiologiia 30 no 2 271-274 Mr-Ap '61
Fermentation of pentose-hexose hydrolysates of vegetable wastes in a mixture with molasses by butylic bacteria [with summary in English] V. V. Lipshits and others Mikrobiologiia 30 no 2 323-327 Mr-Ap '61
Paranitrophenylphosphate as a substrate for the determination of microbial phosphatase [with summary in English]. A. O. Avakian Zhur. mikrobiol. epid. i immun. 31 no 11:70-74 N '60
Phosphatase activity of certain bacterial species [with summary in English] V. S. Mitina Zhur. mikrobiol. epid. i immun 31 no 11:105-108 N '60
"The sexuality of bacteria" [in French] by E. L. Wollman, F. Jacob. Reviewed by A. S. Kriviskii. Mikrobiologiia 30 no 2 367-370 Mr-Ap '61.
Transduction and conversion. D. M. Gol'dfarb. Zhur. mikrobiol. epid. i immun 32 no 3 9-16 Mr '61
Use of radioautography for the quantitative determination of methane-oxidizing bacteria [with summary in English] V. I. Romanenko. Mikrobiologiia 30 no 2 335-336 Mr-Ap '61

BACTERIA, CELLULOSE-DECOMPOSING
Cellulose-decomposing activeness of micro-organisms of turf-gley soils V. F. Nepomniuev, I. L. Shishov. Dokl. TSKhA no 64 155-162 '61.
Studies on cellulose bacteria synthesizing vitamin B_{12} [with summary in English] I. Emanuilov. Mikrobiologiia 30 no. 2 308-314 Mr-Ap '61

BACTERIA, EFFECT OF DRUGS ON
Sensitivity of microflora to antibiotics in patients with suppurative otitis media and otogenic intracranial complications [with summary in English]. N. V. Zherovskaia. Zhur. ush., nos. i gorl. bol. 20 no. 5: 57-60 S-O '60.

BACTERIA, HYDROGEN
Pathway of carbon in chemosynthesis, nature of the early product of chemosynthesis in hydrogen bacteria N. G. Doman, A. K. Romanova, Z. A. Terent'eva. Dokl. AN SSSR 138 no 6:1456-1459 Je '61.

BACTERIA, NITRIFYING
Ruban, E. L. [Physiology and biochemistry of nitrifying micro-organisms] Fiziologiia i biokhimiia nitrifitsiruiushchikh mikroorganizmov. Moskva, Izd-vo Akad. nauk SSSR, 1961. 173 p.

BACTERIA, SULFUR
(see also subdivision under Carpathian Mountain region)
Green sulfur bacteria E. N. Kondrat'eva Mikrobiologiia 30 no 2:346-353 Mr-Ap '61.

BACTERIOLOGY
"Instructions on conducting sanitary and bacteriological examinations of objects in the environment," Reviewed by Z. A. Ignatovich, A. P. Krupina, K. I. Turzhetskii. Gig. i san. 26 no. 1:122-125 Ja '61.

BACTERIOLOGY—CULTURES AND CULTURE MEDIA
Comparative evaluation of dry fish agar and of Puchal's medium in typing diphtheria microbes. E. T. Sviridenko. Lab. delo 7 no 7,56 Jl '61.
Cultivation of Flexner bacilli in chick embryos [with summary in English]. E. A. El'chinova. Zhur. mikrobiol. epid. i immun 31 no. 3:119-122 Mr '60.
Dry nutritive medium for diagnosing the pathogens of gas gangrene [with summary in English] N. V. Ploskirev and others Zhur. mikrobiol. epid. i immun 31 no 3 40-44 Mr '60
Effect of products of deep splitting of proteins in a culture medium on C. diphtheriae toxin formation. Report No. 1: Medium digested by an enzymatic mixture of trypsin and enterokinase for the preparation of diphtherial toxin [with summary in English] P. V. Pavlov, A. G. Leonova, M. V. Smirnova Zhur. mikrobiol. epid. i immun. 31 no 8:65-69 Ag '60.
Influence of the acidity of a medium on the correlation of fermentation products of Lactobacterium pentoaceticum [with summary in English] N. N. Grechushkina Mikrobiologiia 30 no 2:221-228 Mr-Ap '61.

BACTERIOLOGY – CULTURES AND CULTURE MEDIA (Continued)

Method for determining H-antigens of enteropathogenic Escherichia coli in semiliquid agar [with summary in English]. A K Baltrashevich Zhur mikrobiol epid i immun 31 no 3 48-51 Mr '60

Nutritive media accelerating the growth of Brucella and contributing to their detection among other microflora [with summary in English]. A.S. Korotich and others Zhur mikrobiol. epid i immun. 31 no 3 66-70 Mr '60

Possibility for broader use of a potato medium in studies on tuberculosis T A Lutsenko. Lab delo 7 no. 7 51-53 Jl '61

Preliminary data on the culturing of the causative agents of tularemia, brucellosis, and plague on a medium with native fermentative hydrolysate aminopeptide-2 Report No. 1 A S Leibenzon, Z. F. Luchsheva Zhur mikrobiol epid. i immun 31 no 12 102-103 D '60

Rapid bacteriological diagnosis of enteropathogenic Escherichia coli Report No 1 Agglutination of cultures of Escherichia coli O111,B4, O28 B6 and O55 B5 during growth in liquid media with the addition of antisera [with summary in English] IA S Shvartsman, V M. Belinskii Zhur mikrobiol epid i immun 31 no 3 27-31 Mr '60.

Result of a simultaneous plate and inclined media in the examination of normal subjects as carriers of Loeffler's bacillus [with summary in English] V P Blokhov, N N Gnuchev. Zhur mikrobiol. epid i immun. 31 no no 11;79-80 N '60

Semisynthetic nutrient medium for determining the toxicity of diphtheria microbes in vitro. A. S. Leibenzon. Lab delo 7 no. 7:55-58 Jl '61

Uselessness of Strogov's medium as a test object in differentiating saprophytic from pathogenic bacteria of the enteric group V. P Blokov, N. N Gnuchev Zhur mikrobiol epid i immun 32 no 3;69-70 Mr '61

BACTERIOLOGY—EQUIPMENT AND SUPPLIES

Apparatus for the uniform sowing of a microbe suspension on a dense nutrient medium [with summary in French]. M IA. Evtod'eva Sbor. nauch rab po lepr i derm no 13:111-114 '59.

BACTERIOPHAGE

Biological characteristics of streptococcal bacteriophages [with summary in English]. A. A Totolian. Mikrobiologiia 30 no. 2 261-266 Mr-Ap '61.

Comparative study of some bacteriophages of Bac megatherium [with summary in English] N IA Solov'eva, A S Krivishii, IA. I. Rautenshtein Mikrobiologiia 30 no 2 255-260 Mr-Ap '61

Comparative study of the morphology of phage particles by shading and negative contrasting in phosphotungstic acid A S. Tikhonenko. Biofizika 6 no 3:372-373 '61

Electron microscope study of the phagolysate of Bacillus mycoides following exposure to ultrasonic waves. A S Tikhonenko, I E. Il'pinei Biofizika 4 no 5;610-604 '59.

Electron microscopy of brucellar phagolysis [with summary in English]. N N. Ostrovskaia, N N Solov'ev Zhur. mikrobiol. epid. i immun. 31 no 11,4-10 N '60.

Excretion of phages from patients with chronic dysentery, author's abstract M A Toporkova. Zhur mikrobiol. epid. i immun 32 no 2,118 F '61.

The fine structure of the phage of Bacillus mycoides. A S. Tikhonenko. Dokl. AN SSSR 138 no. 6.1449-1452 Je '61.

Interference between Newcastle bacteriophages [with summary in English] F. I. Ershov Zhur mikrobiol epid i immun. 31 no. 3 83-88 Mr '60

Mechanism of antiphage activity of antitumor preparations [with summary in English]. T. N. Broker Zhur mikrobiol epid. i immun. 31 no. 12 81-86 D '60.

Phagepattern of staphylococci isolated during the regular inspection of confectionary factories and in connection with food poisoning [with summary in English]. N. P. Nefed'eva, S. L. Petrovich, L. I. Petrushina. Vop pit. 20 no 3 51-55 My-Je '61

Repeated production of an antipertussis phage [with summary in English]. Z. N. Poliakova. Zhur. mikrobiol epid. i immun. 32 no. 4 42-46 Ap '61.

Semicontinuous method in the production of Flexner's bacteriophage [with summary in English] L B. Borisov. Zhur. mikrobiol. epid. i immun. 32 no. 2; 40-44 F '61.

Study of streptococcal bacteriophages. Adsorption capacity of bacteriophages [with summary in English] A. A Totolian. Zhur. mikrobiol. epid. i immun 32 no 4 68-72 Ap '61

Use of actinophage in the identification and directed study of some producers of polyene antibiotics [with summary in English] V. D. Kuznetsov. Antibiotiki 5 no. 3;25-29 My-Je '60.

Use of the phage increase reaction in the examination of objects in the external environment. Report No. 1; Use of the phage increase reaction in water analysis. M. A. Gitsevich, K. P. Bolarshinova, G. A. Kremenchuk. Zhur. mikrobiol. epid. i immun. 32 no 3:43-44 Mr '61.

BAGASSE see subdivision under Staro-Konstantinov

BAGGING

KhMV-150 pneumatic sack-cleaning machine A. Demskii Muk -elev. prom 27 no 5 18-19 Je '61.

Pay more attention to the work of sack repairing shops N. Papernykh Muk -elev prom 27 no 6 28 Je '61

BAHREIN—ECONOMIC CONDITIONS

Myth of "Heaven on earth" [with English summary in insert] V Bodianskii Az i Afr segodnia no 5:11 My '61

BAIKAL, LAKE—HYDROLOGY

Turbulent exchange in the surface water layer beneath the ice covering a body of water A A Speranskaia Trudy Okean komi 10 no 1;117-151 '60

BAIKAL, LAKE—LIMNOLOGY

Biological consequences of level variations in Lake Baikal [with summary in English] M. M. Kozhov, N V Tiumentsev Biul. MOIP. Otd. biol 66 no 3 32-39 My-Je '61.

BAIKAL, LAKE—SEALS (ANIMALS)

Systematics of the Baikal seal N N Kondakov. Trudy sov ikht komi no 12 211-213 '61

BAIKAL, LAKE—WHITEFISHES

Some data on the propagation of coregonus migratorius (the Posol'sk race) I S. Startikov Trudy Kinkht muz. Praeved 17 no 1-107-113 '59

BAIKAL LAKE REGION—BIRDS

Materials on birds of the northwestern shore area of Lake Baikal L. I. Malyshev Trudy Vost -Sib. fil AN SSSR no 23 53-66 '60

BAIKAL LAKE REGION—CHIPMUNKS

The chipmunk Eutamias sibiricus Laxm. and the northern pika Ochotona hyperborea Pall in the cedar pine taiga of the Lake Baikal region N F. Reimers. Trudy Vost Sib. fil. AN SSSR no 23 101-106 '60

BAIKAL LAKE REGION—FOREST INSECTS

Primary pests of young pine trees in the Lake Baikal region A S Rozhkov Trudy Vost -Sib fil AN SSSR no 23 3-13 '60.

BAIKAL LAKE REGION—FUNGI, PHYTOPATHOGENIC

Birch tinder fungus in forests along the northeastern shore of Lake Baikal. S. K Ustinov. Priroda 50 no. 7: 108 Jl '61.

BAIKAL LAKE REGION—HYDROLOGY

Hydrochemical classification of surface waters of the Baikal basin K K. Votintsev Izv Sib otd. AN SSSR no. 6;120-124 '61

BAIKAL LAKE REGION—INSECTS, INJURIOUS AND BENEFICIAL

Insect pests of the wild Siberian apple tree (Malus Pallasiana Juz.) and their effect on the insect fauna of orchards in the cis-Baikal region. E V Poliakova. Trudy Vost. -Sib fil AN SSSR no. 23 33-40 '60

BAIKAL LAKE REGION—PIKAS

The chipmunk Eutamias sibiricus Laxm and the northern pika Ochotona hyperborea Pall in the cedar pine taiga of the Lake Baikal region N.F. Reimers Trudy Vost -Sib fil AN SSSR no 23 101-106 '60.

BAIKAL LAKE REGION—SABLES

Significance of windfall in the life of the sable. O. K Gusev Trudy Vost -Sib. fil. AN SSSR no. 23 107-118 '60.

BAKAL REGION—DIABASE

Geochemistry of boron in metamorphic processes associated with the diabases of Bakal [with summary in English]. A. S. Varlakov. Geokhimiia no. 6:521-525 '61.

Some metamorphic phenomena occurring in Bakal diabases. V. A. Timeskov. Uch. zap. Kaz. un. 120 no. 4;67-78 '60.

BAKAL REGION—ROCKS, CARBONATE

Nature of sutures in carbonate rocks in the area of Bakal. D. I. Bulatov. Izv. vys. ucheb. zav.; geol. i razv. 2 no. 12: 100-102 '59.

BAKELITE

Using lignin powder bakelite in shell molding. A. A. Sokolova and others. Izv. vys. ucheb. zav.; les. zhur. i no. 2;136-146 '61.

BAKERS AND BAKERIES

Bakeries for a village. T. Lomel'man. Sel'. stroi. 16 no. 4;insert;3 Ap '61.

BAKHCHISARAY DISTRICT—DESIGN, DECORATIVE

Bronze Age solar images from the Crimea. A. A. Shchepinskii. Sov arkheol. 6 no. 2:227-231 '01.

BAKU—INFLUENZA

Clinical and epidemiological characteristics of present-day influenza in the Lenin District of Baku [in Azerbaijani with summary in Russian]. Sh. S. Khalfen. Azerb. med. zhur. no. 6:80-85 Je '61.

BAKU—MILITARY ART AND SCIENCE—EXHIBITIONS

Exhibit of efficiency proposals of soldiers V Ponov Tyl i snab Sov Voor Sil 21 no 1 76-77 Ja '61.

BAKULEV, ALEKSANDR NIKOLAEVICH, 1890-

Aleksandr Nikolaevich Bakulev. Vop. neirokhir. 25 no 2:1-2 Mr-Ap '61

BALAKIREV, MILII ALEKSEEVICH, 1836-1910

Nauchno-issledovatel'skii institut teatra, muzyki i kinematografii. Milii Alekseevich Balakirev; issledovaniia i stat'i. Leningrad, Gos. muzykal'noe izd-vo, 1961. 444 p.

BALANCE

Modern foreign analytic balances. A.V Marsov Izm. tekh. no 7:48-52 Jl '61

BALANCE OF PAYMENTS see subdivision under Europe, Western; United States

BALANCING OF MACHINERY

Automatic balancing in machining on lathes V. IU. Kotelevskii, V. E. Push. Stan i instr. 32 no. 7;1-3 Jl '61

Determining the dimension and the position of the plane of unbalance in static balancing by the method of pendulum oscillations. A A. Khlus Izv vys. ucheb. zav., mashinostr. no 4 18-26 '01.

Fil'kevich, V. IA. [Balancing of gang-saw units] Uravnoveshivanie mass lesopil'nykh ram. Moskva, Goslesbumizdat, 1961. 115 p.

BALASHIKHA DISTRICT

Balashikha District. P. S. Shibaev. Gor. khoz. Mosk. 35 no 5:22-24 My '61.

BALEY REGION—GAS, NATURAL—GEOLOGY

Gas potential of the Baley ore deposits N N. Kulikova Izv vys ucheb zav., geol i razv. 4 no 4 70-78 Ap '61.

BALKAN PENINSULA—POLITICS

Outlook for Balkan cooperation. Stamatis Mercouris. Nov. vrem. 10 no. 27;16-18 Jl '61.

BALKHAN RANGE—GEOLOGY, STRATIGRAPHIC

Upper stratigraphic boundary of the Akchagyl sediments of Kum-Dag (southwestern Turkmenistan). K. Tegelekov. Uch. zap. AGU. Geol.-geog. ser. no. 2:85-91 '59.

BALKHASH, LAKE—WORMS, INTESTINAL AND PARASITIC

Brief report on helminths infesting pink pelicans in Lake Balkhash. N. A. Ablasov, K I Iksanov, N. T Chibichenko Izv. AN Kir SSR Ser biol. nauk 2 no. 7 181-182 '60

BALKHASH REGION—OWLS

Biology of the little European owl (Athene noctua Scop.) in the southern part of the Balkhash region B K Shtegman Ornitologiia no. 3 315-318 '60

BALLAST (RAILROADS)

Protecting crushed stone ballast from dirt. Put' i put. khoz. 5 no 5;47-48 My '61.

Regulating shutters. Put' i put. khoz. 5 no. 5 33 My '61.

BALLISTOCARDIOGRAPHY

Change in the ballistocardiogram under the influence of physical load. K. R. Sedov, V. P. Gingst. Teor. i prak. fiz. kul'. 23 no. 10;755-756 '60.

BALTIC SEA

Egor'eva, A. V. [The Baltic Sea] Baltiiskoe more. Moskva, Gos. izd-vo geogr. lit-ry, 1961. 80 p.

BALTIC SEA—HERRING

Mathematical study of the morphometric indices of Baltic herring. B. F. Novitskii. Trudy VNIRO 39:141-147 '59.

Physicomechanical characteristics of Baltic herring caught in the Kaliningrad area. A. N. Morev. Trudy VNIRO 39:133-140 '59.

BALTIC SEA REGION—FISHES, FOSSIL

The genus Tartuosteus (Psammosteidae) from the middle Devonian of the Baltic area D. V Obruchev. Paleont. zhur. no. 2:107-111 '61.

BALTIC STATES—CONSTRUCTION INDUSTRY

Catalogues of standardized construction elements and details for the Baltic Republics. Biul. stroi. tekh. 18 no. 4;40-41 Ap '61.

BANDAGES AND BANDAGING

Determination of the hygroscopicity of gauze. S. L. Voskoboinyk. Farmatsev. zhur. 16 no. 3;52-53 '61.

BANK EMPLOYEES—EDUCATION AND TRAINING see subdivision under Brest Province

BANKS AND BANKING

(see also subdivision under Bogovarovo District)

Brief information on foreign exchange and banks abroad. Den i kred. 19 no. 6;78-80 Je '61

For the further improvement of the State Bank work. A. Korovushkin Den i kred. 19 no. 6;3-13 Je '61.

BANKS AND BANKING (Continued)
In the administration of the State Bank of the U. S. S. R. Den i kred. 19 no. 6,89-90 Je '61.
Suggestions of our readers. Den i kred. 19 no 6:58-66 Je '61

BANKS AND BANKING—ACCOUNTING see subdivision under Nerekhta District

BANKS AND BANKING—CONGRESSES
Conferences and seminars Den i kred. 19 no. 6 91 Je '61

BANKS AND BANKING—STUDY AND TEACHING
Conferences and seminars. Den. i kred. 19 no. 6 91 Je '61.

BAPTISM
The death of Orysia M. Nechytailo. Voiov. ateist no 2: 16-17 F '61

BAPTISTS
(see also subdivision under Kharkov, Stalino Province)
His error. Myk Khomenko. Voiov. ateist no 2:18-20 F '61

BAR ASSOCIATIONS
Preparation and discussion of regulations on the work of attorneys at law. P. Zabotkin, P. Grokhovskii, U. Rozenfel'd Sov. iust no 1:10-11 Je '61

BARANKUL'SKIY DISTRICT—MARMOTS
Types of bobac colonies (Marmota bobac Mul.) and their effect on vegetation in regions of reclaimed virgin lands in Kazakhstan [with summary in English] M. I. Ismagilov Zool. zhur. 40 no 6:905-913 Je '61

BARANOV, FEDOR IL'ICH, 1886-
[Fedor Il'ich Baranov]. Ryb. khoz. 37 no 5 91 '61

BARBITURATES
Benegride, antagonist of barbiturates. K. A. Zaitseva. Med. prom. 15 no. 5:47-48 My '61.

BARENTS SEA—CRAB FISHERIES
Crab translocation. IU. Orlov Nauka i zhizn' 28 no 5 77-78 My '61.

BARENTS SEA—FISH TAGGING
Tagging of bottom fishes in the Barents Sea K. G. Konstantinov Vop. ikht. 1 no 2:275-290 '61

BARENTS SEA—FLOUNDERS
Possibility of transplanting flounders of the family Pleuronectidae from Far Eastern seas into the Barents Sea. T. A. Pertseva-Ostroumova Trudy Inst. okean. 13:346-350 '61.

BARENTS SEA—OCEAN BOTTOM
Origin of the relief of the Barents Sea bottom M. V. Klenova. Vop. geog. no 52:165-176 '61

BARENTS SEA—SALINITY
Seasonal and long-range salinity variations in the southern part of the Barents Sea. K. A. Sedykh. Trudy Okean. kom. 10 no. 1:90-95 '60.

BARGES
Effect of angular and cross currents on the handling of pusher barge trains N. Storozhev. Rech. transp. 20 no. 6:43-44 Je '61.

BARGUZIN VALLEY—BITUMEN
Composition of bitumen and disseminated organic matter in rocks of Tertiary and Quaternary sedimentation in the Barguzin depression. N. I. Bogoroditskaia Trudy VNIGRI no. 163,540-556 '60

[illegible] Zhur. o

BARIUM CARBONATE
Interaction of $BaCO_3$ with TiO_2 and ZrO_2 during heating. E. K. Keler, N. B. Karpenko Zhur. neorg. khim 5 no 3 668-675 Mr '60.

BARIUM OXIDE—OPTICAL PROPERTIES
Diffraction of slow electrons from tungsten surfaces covered by thin films of adsorbed barium and barium oxide. D. A. Gorodetskii and A. M. Kornev Fiz. tver. tela 3 no 5 1373-1383 My '61.

BARIUM SULFATE
Adsorption of hexane and benzene vapors on nonradioactive and radioactive barium sulfate samples. L. D. Beliakova and others. Dokl. AN SSSR 138 no. 5 1139-1142 Je '61.

BARIUM TITANATE—ELECTRIC PROPERTIES
Effect of NiO and MnO on the dielectric properties of $BaTiO_3$ IE. A. Stafiichuk. Ukr. fiz. zhur. 6 no 2 272-279 Mr-Ap '61
Investigating the nonlinear properties of $BaTiO_3$ single crystals and polarized ceramics in strong alternating fields. R. E. Pasynkov Fiz. tver. tela 3 no. 5:1587-1596 My '61.

BARK
Dynamics of chloroplast granules in the bark of tree shoots in spring and winter IU. M. Agaev. Izv. AN Azerb. SSR Ser. biol. i med. nauk no 2 19-24 '61

BARK BEETLES see subdivision under Transbaikalia

BARKHAUSEN EFFECT
Barkhausen effect in thin films of molybdenum and permalloy. N. M. Salanskii, A. M. Rodichev, M. K. Savchenko Izv. Sib. otd. AN SSSR no 1:110-113 '61

BARLEY
Determining the amino acid composition and N-terminal groups of some proteins in the Vinet and Donetskii-650 barley varieties [with summary in English]. N. N. Mel'teva Biokhimiia 26 no 3 483-488 My-Je '61.

BARLEY—VARIETIES see subdivision under Karabakh Steppe

BARNS
(see also subdivision under Tambov Province)
Let's introduce new economical materials and elements I. Dudik Sil'. bud. 11 no. 4:8-10 Ap '61
Storage barn for sugar beet seeds. Z. Stepnanko. Sel'. stroi 16 no 5:25 My '61

BAROMETRIC HYPSOMETRY
"Barometric hypsometry" by G. I. Malyshev Reviewed by V. N. Gorlishin. Izv. vys. ucheb. zav., les. zhur. 4 no 2,173-174 '61.

BARRELS—CLEANING
Mechanizing the washing, disinfecting, and drying of barrels A. V. Chugreev. Mekh. i avtom. proizv 15 no 6 37-38 Je '61

BASE-EXCHANGING COMPOUNDS
Thermal stability of strongly acidic sulfonated cationites. Part 3 Effect of preheating KU-2 and KU-1 hydrogen exchanging resins on the kinetics of ion exchange with solutions of organic and inorganic electrolytes. N. G. Polianskii. Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no 2,276-284 '60.

BASES (CHEMISTRY)
Separate potentiometric titration of mixtures of organic bases in a methylethylketone medium with a perchloric acid solution [with summary in English]. A. P. Kreshkov, L. N. Bykova, N. Sh. Shemet. Zhur. anal. khim. 16 no. 3:331-336 My-Je '61.

BASHKIRIA—AGRICULTURE
Agricultural administration systems in the Bashkir A. S. S. R. Kh. Khasanov Ekon. sel'khoz 32 no 2 53-58 F '61.

BASHKIRIA—BIRDS
Geographical distribution of birds in the Bashkir area of the Urals and the cis-Ural region. V. D. Il'ichev. Ornitologiia no. 3 180-190 '60

BASHKIRIA—FINANCE
Economic work should be at the center of attention. S. Valiev. Fin. SSSR. 22 no. 6:32-36 Je '61.

BASHKIRIA—GEOLOGY, STRATIGRAPHIC
Relationship between the mute strata of the Bashkir anticlinorium and those in the zones of the Ural-Tau. IU. D. Smirnov, A. I. Kukushkin. Mat. VSEGEI. Ob. ser. no 26 9-18 '60.
Stratigraphic correlation of upper Permian sediments in western Bashkiria based on ostracods. N. M. Kochetkova. Vop. geol. vost. okr. Rus. platf. i IUzh. Urala no. 4:134-152 '59.

BASHKIRIA—LIMESTONE
Characteristics of some conglomerate-type limestones in the upper Devonian of the Ishtuganovo structure in Bashkiria. A. I. Olli, A. Z. Sundlukov. Vop. geol. vost. okr. Rus. platf. i IUzh. Urala no 4:90-97 '59.

BASHKIRIA—OIL WELL CASING
Introduce on a large scale casing strings with minimum thickness of walls. E. S. Karpov. Neft. khoz. 39 no. 4 65-67 Ap '61.

BASHKIRIA—OIL WELL DRILLING FLUIDS
Kuvykin, A. S., V. B. Belorussov, and E. A. Lebedev. [Controlling circulation losses in Bashkir oil fields] Bor'ba s poglosheniiami promyvochnoi zhidkosti na neftepromyslakh Bashkirii Ufa, Bashkirskoe knizhnoe izd-vo, 1961. 97 p.

BASHKIRIA—OSTRACODA, FOSSIL
Ostracods in the Ufa series and red beds of the Kazan stage in northwestern Bashkiria [with summary in English]. I. B. Painat Biul. MOIP Otd. geol. 34 no 5 119-140 S-O '59.

BASHKIRIA—PETROLEUM—ANALYSIS
Sulfide sulfur in some crude oils of Bashkiria. R. B. Obolentsev, A. A. Ratovskaia, V. D. Timofeev Khim. sera i azotorg. soed. v nefti i nefteprod. 3:167-172 '60

BASHKIRIA—PETROLEUM—REFINING
High sulfur-bearing crudes of Bashkiria, and treating processes employed E. G. Ivchenko, I. I. Kantor Khim. sera i azotorg. soed. v nefti, i nefteprod. 3:157-165 '60

BASHKIRIA—PETROLEUM INDUSTRY—LABOR PRODUCTIVITY
[Labor productivity in the field industry of Bashkiria] Voprosy proizvoditel'nosti truda v neftedobyvaiushchei promyshlennosti Bashkirii, sbornik statei. Ufa, Bashkirskoe knizhnoe izd-vo, 1961. 121 p.

BASHKIRIA—PLANTS, PROTECTION OF
Organization is the decisive factor in success. L. I. Ivanov. Zashch. rast. ot vred. i bol. 5 no. 1:9-10 Ja '60.

BASHKIRIA—SEDIMENTS (GEOLOGY)
Conditions governing the formation of Takata sediments in western Bashkiria. M. IU. Arzhavitina Vop. geol. vost. okr. Rus. platf. i IUzh. Urala no. 4 59-67 '59.
Lithological and mineralogical characteristics of Pre-Devonian sediments in western Bashkiria L. D. Ozhiganova Vop. geol. vost. okr. Rus. platf. i IUzh. Urala no 4 32-46 '59.
Source of terrigenous materials of Pre-Devonian sediments in Bashkiria. L. D. Ozhiganova Vop. geol. vost. okr. Rus. platf. i IUzh. Urala no. 4 54-58 '59

BASKETBALL—PSYCHOLOGICAL ASPECTS
Influence of various forms of control on the effectiveness of throwing the ball in basketball L. I. Valigura. Probl. psikhol. sporta no. 1:116-124 '60.

BATHROOMS
(see also subdivision under Moscow)
Bathrooms made of particle board faced with plastics. M. Nemlikher Na stroi Ros. no 4 29-30 Ap '61.

BATHROOMS—STANDARDS
In the State Committee on Construction of the Council of Ministers of the U. S. S. R. New standards for sanitary engineering equipment Vod. i san. tekh no 5 30-31 My '61

BATHS, MOOR AND MUD
Balneological technic for mineral waters and therapeutic muds N. A. Gavrilov Med. sestra no 5 41-50 My '61.
Use of Bruns' paper in mud bath centers A. V. Levikova Med. sestra no 5 50 My '61

BATHYSCAPHE see subdivision under Italy

BATUM—PLANT INTRODUCTION
Materials on introducing East Asian plants in the Batum Botanical Garden. G. A. Morozova Izv. Bat. bot. sada no 8 85-115 '57

BATUM—SHRUBS
Trees and shrubs of the Batum Botanical Garden Izv. Bat. bot. sada no 8 3-85 '57.

BATUM—TALLOW TREE
Tallow tree in the Batum Botanical Garden V. V. Angel'skii Izv. Bat. bot. sada no. 8 204-211 '57

BATUM—TANGERINE
Fruiting hybrids of Unshiu tangerines developed in the Batum Botanical Garden [in Georgian with summary in Russian]. A. N. Tatarishvili Izv. Bat. bot. sada no. 8 151-178 '57.

BATUM—TREES
Trees and shrubs of the Batum Botanical Garden Izv. Bat. bot. sada no 8 3-85 '57.

BAUDOUIN DE COURTENAY, JAN IGNACY NIECISLAW, 1845-1929
Akademiia nauk SSSR. Institut slavianovedeniia. [J. I. Baudouin de Courtenay, on the 30th anniversary of his death] I. A. Boduen de Kurtene; k 30-letiiu so dnia smerti. Moskva, 1960. 118 p.

BAUXITE
(see also subdivision under Chusovaya Valley; Kazakhstan, Salair Ridge, Tikhvin region; Vietnam, North, Yenisey Valley)
Preparation of alumina and lye by means of sintering bauxites with sodium sulfate in conditions of reduction-oxidation roasting R. G. Rozentreter, A. A. Gorlunova. Trudy Khim.-met. inst. Sib. otd. AN SSSR no. 15 121-129 '60.
Studying the process of sintering bauxite-sulfate charges in a rotary furnace reduction-oxidation medium. R. G. Rozentreter, Z. S. Tkacheva, N. S. Berseneva. Trudy khim.-met. inst. Sib. otd. AN SSSR. no. 15 131-141 '60.

BEAMS AND GIRDERS
Calculation for two parallel infinite beams on an elastic base [with summary in English]. A. Kh. Rakov. Dop. AN URSR no. 4:459-463 '61.
Designing eccentrically loaded rigid beams for elastic supports. G. D. Liubimov. Stroi. mekh. i rasch. soor. 3 no. 3:18-24 '61.
Glushkov, G. S., I. R. Egorov, and V. V. Ermolov. [Formulas for designing continuous beams and frames] Formuly dlia rascheta nerazreznykh balok i ram, spravochnoe posobie. Pod red. G. S. Glushkova. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 342 p.
Precast prestressed-concrete beams with two sloping surfaces for roofs of industrial buildings. Biul. stroi. tekh. 18 no. 4:29-30 Ap '61.
Prestressed concrete beams for the floors of industrial buildings in Chelyabinsk. V. K. Alekhin. Bet. i zhel.-bet. no. 4:152-155 Ap '61.
Prestressed truss-plate with a span of 12 m. T. TSymbal. Stroitel' no. 5 6 My '61.
Producing wire-reinforced beams. V. Piterskii. Na stroi. Ros. no. 2:12-11 F '61.
Rigidity of compressed bars on elastic supports. N. P. Abovskii. Stroi. mekh. i rasch. soor. 3 no. 3:30-32 '61.
Study of a prestressed beam with high-strength reinforcing bars. N. M. Kolokolov and others. Transp. stroi. 11 no. 5:40-42 My '61.
Two-ply prestressed reinforced-concrete beams. V. G. Savchenko-Bel'skii. Bet. i zhel.-bet. no. 5:231-234 My '61.
Wire-reinforced concrete beams in structures in the Altai. M. Ivonnekov. Na stroi. Ros. no. 3 25-27 Mr '61.

BEANS
(see also subdivision under Altai Mountain region)
Effect of gibberellin on the growth and development of kidney beans and oats in soils with various calcium content. A. V. Peterburgskii. Dokl. TSKhA no. 61 19-24 '61.
Ivanov, N. R. [Phaseolus] Fasol'. Izd. 2, ispr. i dop. Leningrad, Gos. izd-vo sel'khoz. lit-ry, 1961. 279 p. (DA)

BEARING INDUSTRY see subdivision under Moscow

BEARING METALS
Improving the technology of ball-bearing steel production. I. A. Baranov, G. N. Oiks, I. I. Ansheles. Izv. vys. ucheb. zav., chern. met. 4 no. 5 50-57 '61.

BEARINGS (MACHINERY)
Device for grinding bearings. A. Kolomenkin. Tyl i snab. Sov. Voor. Sil 21 no. 1:87-89 Ja '61.
Experimental reduced coefficients of friction for antifriction bearings. A. I. Solov'ev. Izv. vys. ucheb. zav., mashinostr. no. 4:108-112 '61.
Methods for designing large bearings for supporting and turning devices. A. M. Kazanskii. Vest. mash. 41 no. 7:11-16 Jl '61.
Sectional collar bushings. P. F. Kashin, V. A. Savenko. Trakt. i sel'khozmash. 31 no. 6:47 Je '61.

BEARINGS (MACHINERY)—DEFECTS
New method of detecting defects in the brass of sliding bearings during their lining with antifriction materials. I. Kliushenkov. Rech. transp. 20 no. 6,36 Je '61.

BEARINGS (MACHINERY)—LUBRICATION
Determining the force moving the oil ring in a radial sliding bearing. I. B. TSesarskii. PMTF no. 1 124-127 Ja-F '61.

BEARINGS (MACHINERY)—TESTING
Deformations of the rings of antifriction bearings. I. Tamashi, I. Vizi. Vest. mash. 41 no. 7:70-73 Jl '61.
Device for recording errors in the shape of antifriction bearing tracks. G. S. Birlukov. Vest. mash. 41 no. 7, 73-75 Jl '61.

BEARINGS (MACHINERY)—VIBRATION
Vibration strength of air-lubricated bearings. S. A. Shtaiberg. Vest. mash. 41 no. 6:3-10 Je '61.

BEE CULTURE
Bondarenko, N. V. [Manual on field work in beekeeping] Rukovodstvo k prakticheskim zaniatiiam po pchelovodstvu. Leningrad, Gos. izd-vo sel'khoz. lit-ry, 1961. 182 p. (DA)
Poltev, V. I., and A. A. Petrov. [High honey yields] Vysokie medosbory. [Leningrad] Lenizdat, 1961. 60 p. (DA)

BEE EATERS see subdivision under Khachmas District; Kuba District

BEE FLIES
New and rare Palearctic species of the genus Spongosty-lum Macq. (Diptera, Bombyliidae). V. F. Zaitsev. Ent. oboz. 40 no. 2:413-428 '61.

BEECH
(see also subdivision under Bukovina; Bulgaria; Caucasus, Northern; Crimea)
Interrelation between the root systems of beech and other trees in natural forest stands and in plantations. V. I. Bilous. Visnyk sil'. hosp. nauky 4 no. 6 111-114 Je '61.

BEEF LEAF MINER
Factors governing seasonal cycles of development in the beet leaf miner Pegomyia hyosciami Panz. and the cabbage maggot Hylemyia brassicae Bouche (Diptera, Anthomyidae) [with summary in English]. Sh. M. Zabirov. Ent. oboz. 40 no. 2:275-281 '61.

BEES
Conditioned reflex activity of some bee strains as affected by climatic conditions. M. S. Ragim-zade. Izv. AN Azerb. SSR Ser. biol. i med. nauk no. 1 131-138 '61.
Conditioned reflex activity of some bee strains as related to climatic conditions. M. S. Ragim-zade. Izv. AN Azerb. SSR Ser. biol. i med. nauk no. 2 87-91 '61.

BEETLES see subdivision under Azerbaijan

BEETS
Variations in the accumulation of sugar and anthocyan in grafted first-year and second-year beets. V. T. Poda-Chikalenko. Uch. zap. Omsk. gos. ped. inst. no. 12 47-60 '59.

BEHCET SYNDROME
On the problem of lesions of the lungs in Behcet's disease. A. G. Bobkov, Chang Yüeh-ming. Arkh. pat. 23 no. 5:64-67 '61.

BELASH, TIMOFEI IGNAT'EVICH, 1901-1961
Timofei Ignat'evich Belash. M. A. Ol'shanskii and others. Vest. sel'khoz. nauki 6 no. 6 150 Ja '61.

BELGIUM—CATHOLIC CHURCH
Notes on international events. Voiov ateist no. 2:58-59 F '61.

BELGIUM—PRESS
"The press and trusts in Belgium" [in French] by P. Joye. Reviewed by A. I. Volkov. Vest. Mosk. un. Ser. 7: Filol., zhur. 16 no. 3:83-86 My-Je '61.

BELGIUM—RELATIONS (GENERAL) WITH THE REPUBLIC OF CONGO
Belgium without the Congo. Vadim Zagladin. Nov. vrem. 19 no. 27:14-16 Jl '61.

BELGOROD PROVINCE—ROOKS (BIRDS)
Feeding and economic importance of the rook (Corvus frugilegus L.) in Belgorod Province, R. S. F. S. R. [with summary in English] Iu. K. Elgetis. Zool. zhur. 40 no. 6:888-899 Je '61.

BELINSKII, VISSARION GRIGOR'EVICH, 1811-1848
Belinskii on architecture. M. S. Kagan. Stroi. i arkhit. Len. 23 no. 6:24-26 Je '61.
Belinskii on the interrelationship of forms and genres in art. M. Kagan. Vop. lit. 5 no. 6:110-123 Je '61.
Great patriot of the Russian land! Sov. voin. 43 no. 10 17 My '61.
Kuleshov, V. I. Vissarion Belinskii. Moskva, Izd-vo "Znanie," 1961. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6, Literatura i iskusstvo, no. 11)
The legacy of Belinskii and Lev Tolstoi. B. Eikhenbaum. Vop. lit. 5 no. 6:124-148 Je '61.
The memoirs of Belinskii's grandson. V. Nechaeva. Novyi mir 37 no. 6:277-283 Je '61.
Outstanding representative of Russian revolutionary-democratic pedagogy. V. Smirnov. Nar. obr. no. 6:92-94 Je '61.
The problem of conflict in the aesthetic theory of V. G. Belinskii. M. A. Metel'skaia. Trudy Nov. inzh.-stroi. inst. 9,108-224 '60.
The result of work extended over many years ("The aesthetics of Belinskii" by A. Lavretskii. Reviewed by V. Kuleshov). Vop. lit. 5 no. 6:207-210 Je '61.
Studying the legacy of Belinskii ("Chronicle of the life and works of V. G. Belinskii" by Iu. Oksman, "The aesthetics of Belinskii" by A. Lavretskii. Reviewed by V. Berezina). Novyi mir 37 no. 6:257-262 Je '61.
The traditions of a great critic. N. Gei. Vop. lit. 5 no. 6: 92-109 Je '61.
V. G. Belinskii. Nikolai Rylenkov. V mire knig 1 no. 6: 27-28 Je '61.
V. G. Belinskii on textbooks for Russian schools. T. Gorskaia. Nar. obr. no. 6:95-99 Je '61.
V. G. Belinskii on the psychological structure of poetic talent [with summary in English]. V. K. Bolarchuk. Vop. psikhol. 7 no. 3:3-14 My-Je '61.
V. G. Belinskii's philosophy and present-day attempts to distort it [with summary in English, p. 184]. M. T. Iovchuk, V. I. Stepanov. Vop. filos. 15 no. 6 33-46 '61.
Violent Vissarion. M. Poliakov. Bibliotekar' no. 6: 32-35 Je '61.

BELINSKII, VISSARION GRIGOR'EVICH, 1811-1848—BIBLIOGRAPHY see Bibliography—Belinskii, Vissarion Grigor'evich, 1811-1848

BELOBORODOV, M
Chekhov or Beloborodov? N. Gitovich. Vop. lit. no. 12: 143-146 D '59.

BELOUSOV, NIKOLAI
Twenty years later. O. D. Teatr 22 no. 6 162 Je '61.

BELTS AND BELTING
Using the graphoanalytic method for determining the tension of the running-off branch of the belt of a deviating drum. A. S. Kozhemiakin. Trudy Ural. politekh. inst. no. 104,225-227 '61.

BENDING MACHINES
Machine for bending the pin spring. A. Karapetian. Prom. Arm. 4 no. 2 42-43 F '61.

BENTHOS see subdivision under Black Sea; Indian Ocean, Kamchatka Gulf; Karaginskiy Gulf, Kori Bay; Okhotsk, Sea of

BENTONITE
Bentonite test for diagnosis of infectious nonspecific polyarthritis. V. I. Sachkov and others. Lab. delo 7 no. 7: 9-12 Jl '61.
Change in the properties of bentonite suspensions due to the effect of peptizers [with summary in English]. H. V. Kukoliev, M. V. Pytak. Dop. AN URSR no. 6 772-775 '61.
Use of Georgian bentonite in foundry practice. R. V. Vashakmadze. Lit. proizv. no. 3:37 Mr '61.

BENZALDEHYDE
Condensation of p-trimethylsilylbenzaldehyde with aldehydes and ketones. B. N. Dolgov, N. E. Glushkova, N. P. Kharitonov. Izv. AN SSSR. Otd. khim. nauk no. 6 1069-1073 Je '61.
Organosilicon ethers of ketoximes and of benzaldehyde and o-hydroxybenzaldehyde oximes. Z. I. Sergeeva, Z. M. Matveeva, M. G. Voronkov. Zhur. ob. khim. 31 no. 6:2017-2023 Je '61.

BENZATHRACENE—TOXICOLOGY
Phagocytic activity of leukocytes during the process of carcinogenesis under the influence of colophane and 9, 10-dimethyl-1, 2-benzathracene in white rats. A. Kh. Kogan, Sh. I. Mardakhaishvili. Arkh. pat. 23 no. 4 43-49 '61.

BENZENE
Alkylation of benzene by olefins of after-scrubber gas used in the production of divinyl by the Lebedev process. S. V. Zavgorodnii, T. B. Gonsovskaia. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 1:128-132 '61.
Catalytic alkylation of bromobenzene with propyl alcohols. M. B. Turova-Polak, N. V. Rudenko. Zhur. ob. khim. 31 no. 6,1962-1965 Je '61.
Composition of isomers in di- and polyalkylbenzene fractions obtained by alkylation. E. P. Babin. Khim. prom. no. 6 381-389 Je '61.
Cyclopropanes and cyclobutanes. Part 19: Certain reactions of phenylcyclobutane. Iu. S. Shabarov, N. I. Vasil'ev, R. IA. Levina. Zhur. ob. khim. 31 no. 6 1812-1816 Je '61.
Investigation of the viscosity of the ternary system water - ethanol - benzene in the critical region [with summary in English]. V. P. Solomko, S. M. Smirnov. Dop. AN URSR no. 5,649-651 '61.
Kinetics and reactivity during the halogenation of aromatic compounds in the presence of metal halides. Part 1. Chlorination with ferric chloride as the catalyst. N. N. Lebedev, I. I. Baltadzhi. Kin. i kat. 2 no. 2 197-204 Mr-Ap '61.
Polymerization kinetics of hydrocarbons with conjugated bonds. Part 1. Polymerization of phenylacetylene and properties of polymers [with summary in English]. P. S. Shantarovich, I. A. Shliapnikova. Vysokom. soed. 3 no. 3:363-367 Mr '61.
Solubilization and optical rotation in solutions of egg albumin [with summary in English]. Vysokom. soed. 3 no. 6:647-651 Je '61.

BENZENE HEXACHLORIDE
Using diesel oil solutions of DDT and benzene hexachloride for the control of secondary oak pests. L. I. TSap. Biul. nauch.-tekh. inform. Ukr. NIILKhA no. 3/4:62-64 '57.

BENZENESULFINIC ACID
Synthesis of o-hydroxybenzenesulfinic acid, a new chemical reagent. D. I. Kuznetsov, I. P. Altmarin. Izv. AN SSSR. Otd. khim. nauk no. 6:1155-1156 Je '61.

BENZIDINE

Synthesis of azoferrocene, its reduction and behavior under conditions of benzidine rearragement. A N Nesmeianov, E G Perevalova, T V. Nikitina. Dokl. AN SSSR 138 no 5 1118-1121 Je '61.

BENZILIC ACID

New atropinelike preparation metacin. S.S. Liberman. Med. prom. 15 no. 5:40-42 My '61.

BENZINDOLE

Mannich bases in the series of derivatives of 5-hydroxynaphthofuran and 5-hydoxybenzindole A N Grinev, Khan' Shchi-tsiun', A P Terent'ev Zhur ob khim. 31 no 6:1902-1906 Je '61.

BENZIS, VLADIMIR, 1878-1956

The memoirs of Belinskii's grandson. V. Nechaeva Novyi mir 37 no 6:277-283 Je '61

BENZOIC ACID

Study of the solubility of medicinal substances Part 4 Influence of the nature of an inorganic cation on the solubility of benzoic acid and caffeine V P Huslakov, O.P Bizhbulkova Farmatsev zhur. 16 no. 3 28-30 '61.

BENZOIN

Determination of zinc and antimony by the luminescence method with the use of benzoin E A. Bozhevol'nov Trudy IRFA no 22,60-64 '58

BENZOTHIOPHENE

Synthesis of methyl-1-thiaindanes, E. N. Karaulova, D Sh Mellanova, G D Gal'pern. Khim sera i azotorg. soed v neft i nefteprod 3:25-33 '60.

BENZOYL PEROXIDE

Reactions of benzoyl peroxide with titanocene derivatives. G. A. Razuvaev, V N. Latiaeva, L. I. Vyshinskaia Dokl. AN SSSR 138 no. 5 1126-1129 Je '61.

BERDICHEV — DRUGSTORES

Work of drugstores P. I. Prokopenko Farmatsev. zhur. 16 no. 3,67-69 '61

BERDYANSK—AGRICULTURAL MACHINERY INDUSTRY

Year of birth - 1961 S. Andrievskii. Sov. Ukr 11 no. 6 176-178 Je '61

BEREZANSKIY REGION—GEOLOGY, STRATIGRAPHIC

Discovery of upper Triassic marine deposits in the Yeysk-Berezanskiy area of southwestern Ciscaucasia. V. L. Egoian, V. A. Ermakov, K. I. Kiiko Dokl. AN SSSR 139 no. 6:1417-1420 Je '61.

BEREZINA, VALENTINA MIKHAILOVNA, 1899-1960

In memory of Valentina Mikhailovna Berezina (1899-1960). V. N. Stark. Ent. oboz. 40 no. 2:454-459 '61.

BEREZOVSKIY (SVERDLOVSK PROVINCE)—GOLD MINES AND MINING

Improving the system of mining inclined dikes at the Berezovskiy Mine V N. Ovcharenko, V. A. Shchelkanov. Trudy Gor.-geol. inst UFAN SSSR no 54 103-110 '60

BERING SEA—PHYTOPLANKTON

Primary production in the Bering Sea [with summary in English]. V N. Ivanenkov. Trudy Inst. okean. 51:37-58 '61.

BERING SEA—POLYCHAETA

Deep-sea Polychaeta of the Bearing Sea. R. IA. Lavenshtein. Trudy Inst. okean. 46:147-178 '61

BERRIES—VARIETIES

Principles of the economic evaluation of fruit and berry varieties V V Ulrikhshyn. Visnyk sil'hosp nauky 4 no 5 7-11 My '61

BERSHAD' DISTRICT—AGRICULTURE

Celebrating the Twenty-second Congress of the CPSU with suitable achievements G Zadneprianets Sel' mekh no. 5 1-3 '61

BERTRANDITE

Bertrandite from the cavities of rare metal pegmatites. K. I. Chepizhnyi, T. A IAkovlevskaia. Vest. Mosk. un. Ser. 4 Geol. 16 no. 3 41-43 My-Je '61

BEYLE, MARIE HENRI, 1783-1842

Stendhal's manuscripts. M. Perpel. Vop. lit. no. 11: 241-242 N '59.

BERYLLIUM

Modifications of beryllium and iron in films condensed on cold backings [with summary in English]. B G. Lazarev, E. E Semenenko, A I Sudovtsov Zhur. eksp. i teor. fiz. 40 no 1 105-108 Ja '61

Some results of using the sluicing method in studying a beryllium-bearing granite massif D S Kreitser, M. G. Petrova Izv vys ucheb. zav., geol. i razv 4 no. 5 90-92 My '61.

BERYLLIUM—ANALYSIS

Fluorescence determination of beryllium in bronze A. I Cherkesov, T. S Zhigalkina Zav lab. 27 no. 6 658-659 '61.

BERYLLIUM—TOXICOLOGY

Berylliosis; survey of Soviet and foreign literature [with summary in English]. A. E. Vermel', Sov med 25 no 4:41-51 Ap '61.

Clinical, diagnostic, and therapeutic aspects of berylliosis [with summary in English]. K. P. Molokanov and others. Sov med 25 no. 4 22-30 Ap '61.

BERYLLIUM OXIDE

Some observations on the crystallization of beryllium oxide from a gaseous phase P P. Budnikov, N. V. Shishkov. Dokl. AN SSSR 138 no 5 1093-1094 Je '61.

BERYLLIUM SULFATE

Specific weight and viscosity of beryllium sulfate solutions and their effect on the speed of filtration. A. I. Latner, M. A. Kolenkova, A. V. TSvetkova. Izv. vys. ucheb. zav.; tsvet. met. 4 no. 2:76-80 '61.

BESPOSHCHADNYI, PAVEL GRIGOR'EVICH, 1895-

A miner's poet ("Weapons of a poet" by N. Goncharov Reviewed by M Ovcharov) Sov. Ukr 11 no 6:169 Je '61

BESSEMER PROCESS

History of the bessemer blow and the use of bessemer steel in Russia, for shaped castings. D. M. Modelevich. Lit. proizv. no. 3:42-44 Mr '61.

Purification of converter gases in top oxygen blowing. L. V. Sudoplatov, A. M. Sakaganskii. Stal' 21 no. 3 286-288 Mr '61.

BESSONOV, SERGEI MIKHAILOVICH, 1904-1961

In memory of Sergei Mikhailovich Bessonov. Vop pit. 20 no 3:95 My-Je '61

BETA RAYS

$\beta\gamma$-polarization correlation in β-decay of Sc^{46} [with summary in English]. V. M Lobashov, V. A Nazarenko, L. I Rusinov. Zhur eksp i teor fiz 40 no 1 10-12 Ja '61.

Manufacturing α- and β-sources for the graduation of dosimetric apparatus P. N V'iukhov, K. S. Honcharov, V S. Dementii. Ukr fiz. zhur. 6 no. 2 281 Mr-Ap '61.

BIALOVEZHSKA PUSHCHA—FALCONS

Ecology of the hobby in the Bialoverzhska Pushcha B Z. Golodushko Ornitologiia no. 3 139-145 '60.

BIBLIOGRAPHICAL EXHIBITIONS see subdivision under Moscow

BIBLIOGRAPHY

Akademiia nauk Kirgizskoi SSR, Frunze. TSentral'naia nauchnaia biblioteka. [Bibliography of the publications of the Academy of Sciences of the Kirghiz S. S. R., 1957-1959] Bibliografiia izdanii Akademii nauk Kirgizskoi SSR, 1957-1959 gg. Sost. L. M. Erman i M. M. Gerasimova. Frunze, 1961. 145 p.

[Book chronicle.] Knizh. let. nos. 27-30 '61; index '61.

Brief book reviews. Novyi mir 37 no. 6:284-286 Je '61.

Brief book reviews. Novyi mir 37 no. 7:282-286 Jl '61.

Brief notes. Sov. bibl. no. 3:98-100 '61.

Defense of dissertations Vest. AN SSSR 31 no. 6:110-131 Je '61.

In the bibliographical committee. A. N. Verevkina, K. I. Zhdanova. Sov. bibl. no 3:93-95 '61.

The index periodical "Bibliotekovedenie i Bibliografiia" during 1960. G. S. Multanovskaia. Sov. bibl. no. 3.51-55 '61.

[New books.] Nov. knigi nos. 29-30 Jl '61

New books. Novyi mir 37 no. 6 287-288 Je '61

New books Novyi mir 37 no. 7 287-288 Jl '61.

New books Vest. AN SSSR 31 no 5 136-142 My '61

New books. Vest AN SSSR 31 no. 6:137-142 Je '61.

New books on physics. T. O. Vreden-Kobetskaia. Usp. fiz. nauk 74 no. 2 385-390 Je '61

[New literature on science and research abroad.] Nov. lit. o nauke i nauch.-issl. rab. za rub. nos. 3-4 '61.

[New Soviet literature on science and general research in the U.S.S.R.] Nov. sov lit. o nauke i nauch.-issl. rab. v SSSR no. 4 '61.

Such "Hints for librarians" are needed. A. Chernakov. Bibliotekar' no. 6:57-58 Je '61.

We recommend these books to our readers. Komm. Bel. 35 no. 3,80 Mr '61.

Work of the bibliography department of the Moscow Library Institute A. F. Sadof'ev. Sov. bibl no 3 88-91 '61.

BIBLIOGRAPHY—ADOLESCENCE

New books on the psychology of the adolescent. IU. A. Samarin. Vop. psikhol 7 no. 3:125-128 My-Je '61

BIBLIOGRAPHY—AFRICA

Africa today V mire knig 1 no. 6:4-5 Je '61.

[New Soviet and foreign literature on the countries of the non-Soviet East.] Nov. sov. i inostr. lit. po stran. zarub. Vost. no. 4 '61.

BIBLIOGRAPHY—AGRICULTURAL MACHINERY

Library of an agricultural mechanic G Kononenko V mire knig 1 no. 6:18-19 Je '61.

BIBLIOGRAPHY—AGRICULTURE

[Agricultural literature of the U.S.S.R.] Sel'khoz. lit. SSSR nos. 1-4 '61; author index '60.

[Information bulletin of new foreign books, received by the Lenin Library. Series 2: Biological, medical, and agricultural sciences.] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser 2. Biol., med. i sel'skokhoz. nauki nos. 18, 20 '61.

New books. Visnyk sil' hosp nauky 4 no. 6:124 Je '61

New books. Zemledelie 23 no. 6:95 Je '61.

BIBLIOGRAPHY—ANTARCTIC REGIONS—GEOLOGY

Recent literature on Arctic and Antarctic geology and mineral resources Inform. biul. NIIGA no 18 76-102 '60.

BIBLIOGRAPHY—ARCHAEOLOGY

[New foreign literature on history, archaeology, and ethnography.] Nov. inostr. lit. po ist., arkheol. i etn. nos. 4-5 '61.

[New Soviet literature on history, archaeology, and ethnography.] Nov. sov. lit. po ist., arkheol. i etn. nos. 3-4 '61.

BIBLIOGRAPHY—ARCHITECTURE

New books. Arkhit. SSSR no. 3:3 of cover '61.

BIBLIOGRAPHY—ARCTIC REGIONS—GEOLOGY

Recent literature on Arctic and Antarctic geology and mineral resources. Inform biul. NIIGA no 18 76-102 '60

BIBLIOGRAPHY—ART

Recommended literature in the field of art. Agitator no. 7:63 Ap '61.

BIBLIOGRAPHY—ASIA

[New Soviet and foreign literature on the countries of the non-Soviet East.] Nov. sov. i inostr. lit. po stran. zarub Vost. no. 4 '61.

BIBLIOGRAPHY—ASTRONAUTICS

Soviet man in outer space. N. Molchanova, A. Chernik. Bibliotekar' no. 6:36-39 Je '61.

Stages of a great journey E. I Kaplan. V mire knig 1 no. 6:10-11 Je '61.

BIBLIOGRAPHY—ATHEISM

Atheistic literature. V. Bolarskii. Sov. knizh. torg. 12 no. 8:34-35 Ag '60.

BIBLIOGRAPHY—ATOMIC ENERGY

New literature. Atom. energ. 10 no. 6:650-652 Je '61

BIBLIOGRAPHY—AUTOMATION

Books and periodicals Stan. i instr. 32 no. 7:41-44 Jl '61.

Books on mechanization and automation of production processes; published in the second quarter of 1961 Mekh. i avtom. proizv. 15 no. 6,61 Je '61.

From periodicals, May 1961. Mekh. i avtom. proizv. 15 no. 6:62-64 Je '61.

Publications of the Central Bureau of Technical Information of the State Commission of the Council of Ministers of the U. S. S. R. on automation and machinery manufacture. Kuz.-shtam. proizv. 3 no. 3:47-48, 3 of cover Mr '61.

BIBLIOGRAPHY—BELINSKII, VISSARION GRIGOR'EVICH, 1811-1848

New works on Belinskii. V. I. Kuleshov. V mire knig 1 no. 6:29-30 Je '61.

BIBLIOGRAPHY—BIOLOGY

[Information bulletin of new foreign books, received by the Lenin Library. Series 2: Biological, medical, and agricultural sciences.] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 2: Biol., med. i sel'skokhoz nauki nos. 18, 20 '61.

BIBLIOGRAPHY—BOOKSELLERS AND BOOKSELLING

Books for bookmen. Sov. knizh. torg. 12 no. 8:36-39 Ag '60

BIBLIOGRAPHY—BUILDING MACHINERY

New books. Stroi. i dor. mash. 6 no. 5,40 My '61.

BIBLIOGRAPHY—BULGARIA

[New literature on European people's democracies and Slavic studies: Bulgaria.] Nov. lit. po evrop. stran. nar. dem. i slav.: Bolg. nos. 4-5 '61.

BIBLIOGRAPHY—CARTOGRAPHY

Bibliography. Geod. i kart. no. 5:77-80 My '61.

BIBLIOGRAPHY—CHEMISTRY

New books. V. Fat'ianov. Khim. v shkole 16 no. 2 90-92 Mr-Ap '61

BIBLIOGRAPHY—CHEMISTRY, ANALYTICAL

New books. Zav. lab. 27 no. 6:768 '61.

BIBLIOGRAPHY—CHILDREN'S LITERATURE

For the youngest. B. Smagin. V mire knig 1 no. 6:12-13 Je '61

BIBLIOGRAPHY—CHINA

Flaws in a serious bibliographical work ("Bibliography of China" by P. E. Skachkov. Reviewed by A. N. Gorlinov, A. D. Rklitskaia). Sov. bibl. no. 3 79-81 '61.

BIBLIOGRAPHY—CHORAL MUSIC

Okhliakovskaia, O. G., A. A. Rachkova, and N. V. Talankina. [Repertoire for mixed choruses; a bibliography.] Repertuar dlia smeshannogo khora; ukazatel'. Leningrad, Publichnaia biblioteka, 1960. 94 p.

BIBLIOGRAPHY—CHOREOGRAPHY

Zosimovskii, V. A. [Bibliographical manual on choreography, with annotations.] Bibliograficheskii spravochnik po khoreografii; s annotatsiiami. [Moskva] Izd-vo VTsSPS Profizdat, 1959. 94 p.

BIBLIOGRAPHY—COMMUNICABLE DISEASES

National literature on problems of microbiology, immunology, infectious diseases, and epidemiology published during the 3d quarter of 1959. M. L. Vil'shanskaia. Zhur. mikrobiol. epid. i immun. 32 no. 5 139-148 My '61

National literature on the problems of microbiology, immunology, infectious diseases, and epidemiology; published during the 2d quarter of 1959. M. L. Vil'shanskaia. Zhur. mikrobiol. epid. i immun. 31 no. 12, 139-140 D '60.

Russian literature on problems of microbiology, immunology, infectious diseases, and epidemiology for the fourth quarter of 1958. M. L. Vil'shanskaia. Zhur. mikrobiol. epid. i immun. 31 no. 3 141-154 Mr '60.

Russian literature on problems of microbiology, immunology, infectious diseases, and epidemiology for the second quarter of 1959. M. L. Vil'shanskaia. Zhur. mikrobiol. epid. i immun. 32 no. 1:153-155 Ja '61.

Russian literature on the problems of microbiology, immunology, infectious diseases, and epidemiology published during the second and third quarters of 1959. Zhur. mikrobiol. epid. i immun. 32 no. 2:140-158 F '61.

Russian literature on the problems of microbiology, immunology, infectious diseases, and epidemiology published during the second and third quarters of 1959. Zhur. mikrobiol. epid. i immun. 32 no. 2:140-158 F '61.

Russian literature on problems of microbiology, immunology, infectious diseases, and epidemiology published during third quarter of 1959. Zhur. mikrobiol. epid. i immun. 32 no. 3:148-156 Mr '61.

BIBLIOGRAPHY—COMMUNISM

Documents and articles on the history of the international communist and labor movement published in January-February 1961 in periodicals and scholarly serials. Vop. ist. KPSS 5 no. 3:216-221 '61.

BIBLIOGRAPHY—COMMUNIST ETHICS

Bibliography of literature on communist morals ("What to read on communist morals, a brief bibliography" by I. M. Tugov. Reviewed by V. K. Skatershchikov). Sov. bibl. no. 3:72-73 '61

BIBLIOGRAPHY—COMMUNIST PARTIES

Documents and articles on the history of the CPSU and the international communist and labor movement published in March-April 1961 in periodicals and scholarly serials. Vop. ist. KPSS 5 no. 4:214-221 '61.

BIBLIOGRAPHY—COMMUNIST PARTY OF THE SOVIET UNION

Dissertations for the degree of candidate in the history of the CPSU, presented in 1960. Vop. ist. KPSS 5 no. 4 212-238 '61.

Documents and articles on the history of the CPSU and the international communist and labor movement published in March-April 1961 in periodicals and scholarly serials. Vop. ist. KPSS 5 no. 4 214-221 '61

Documents and articles on the history of the international communist and labor movement published in January-February 1961 in periodicals and scholarly serials. Vop. ist. KPSS 5 no. 3:216-221 '61

BIBLIOGRAPHY—CONCRETE

State Construction Publishing House is preparing for publication in 1961. Bet. i zhel.-bet. no. 5:4 of cover My '61.

BIBLIOGRAPHY—CONSTRUCTION INDUSTRY

Books published by the State Construction Publishing House in February 1961. Mont. i spets. rab. v stroi. 23 no. 5:3 of cover

New books. Arkhit. SSSR no. 3:3 of cover '61.

New books. Ekon. stroi. no. 5:40 My '61.

New books. Sil'. bud. 11 no. 4:24 Ap '61

New Books. Sil'. bud. 11 no. 5:24 My '61.

New books of the State Construction Printing Office. Zhil. stroi. no. 5:4 of cover My '61

New books put out by the Leningrad branch of the State Construction Publishing House. Stroi. i arkhit. Len. 23 no. 6:3 of cover Je '61.

Recent Office of State Construction publications. Prom. stroi. 39 no. 4:64-3 of cover '61

Summaries. Na stroi. Ros. no. 1:39-40 Ja '61.

Summaries. Na stroi. Ros. no. 2:39 F '61.

Summaries. Na stroi. Ros. no. 3:39 Mr '61.

Summaries. Na stroi. Ros. no. 3:39-40 D '60.

Summaries. Na stroi. Ros. no. 4:39-40 Ap '61.

BIBLIOGRAPHY—CZECHOSLOVAKIA

[New literature on European people's democracies and Slavic studies: Czechoslovakia.] Nov. lit. po evrop. stran. nar. dem. i slav.: Chekh. no. 4 '61.

BIBLIOGRAPHY—DAGHESTAN POETRY

"Prerevolutionary people's poets of Daghestan; a bibliography" by L. N. Sedova. Reviewed by A. A. Kunina. Sov. bibl. no. 3 87 '61.

BIBLIOGRAPHY—DISSERTATIONS, ACADEMIC

Akademiia nauk SSSR. Institut istorii. [U. S. S. R. during the Great Patriotic War, 1941-1945; a bibliography of dissertations and abstracts.] SSSR v period Velikoi Otechestvennoi voiny, 1941-1945 gg.; ukazatel' dissertatsii i avtoreferatov. Moskva, 1961. 41 p.

BIBLIOGRAPHY—EAR—SURGERY

Survey of Russian and foreign literature on tympanoplasty. A. A. Kantor. Zhur. ush., nos. i gorl. bol. 21 no. 1:91-99 Ja-F '61.

BIBLIOGRAPHY—ECONOMICS

Hungarian methodological manual on the bibliography of economics. ("Sources and aids for economics research" [in Hungarian] by Gyorgy Rozsa. Reviewed by E. M. Kan). Sov. bibl. no. 3 96-97 '61.

[New foreign books on the social sciences; economics, philosophy, history, international relations.] Nov. knigi za rub. po obshchestv. naukam; ekon., filos., ist., mezhdunar. otn. 4 no. 6 Je '61.

[New foreign economic literature.] Nov. inostr. ekon. lit. no. 4 '61.

[New Soviet economic literature.] Nov. sov. ekon. lit. nos. 14-17 '61.

BIBLIOGRAPHY—EDUCATION

Bookshelf. Nar. obr. no. 7:112, 114, 117 Jl '61.

Goncharov, N. K., ed. [Doctoral dissertations in the pedagogical sciences; bibliographic index.] Doktorskie dissertatsii po pedagogicheskim naukam; bibliograficheskii ukazatel'. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 178 p.

Index to the "Studies" of the Moscow State Pedagogical Institute from 1935-to 1959." Reviewed by V. N. Sov. bibl. no. 3 84-85 '61.

BIBLIOGRAPHY—ELECTRIC LIGHTING

New books. Svetotekhnika 7 no. 4:31 Ap '61.

BIBLIOGRAPHY—ELECTRICITY ON SHIPS

Electric equipment of ships. Sudostroenie 27 no. 5:33 My '61.

Electrical equipment of ships. Sudostroenie 27 no. 6:38 Je '61.

BIBLIOGRAPHY—ELECTRONICS

[Annotated bibliography on electronics.] Annot. ukaz. lit. po radioelek. 17 nos. 10-12 '61.

BIBLIOGRAPHY—EROSION

Soil erosion and its control. Pochvovedenie no. 4: 125-127 Ap '61.

Soil erosion and its control. Pochvovedenie no. 6 126-127 Je '61.

BIBLIOGRAPHY—ETHNOLOGY

[New foreign literature on history, archaeology, and ethnography.] Nov. inostr. lit. po ist., arkheol. i etn. nos. 4-5 '61

[New Soviet literature on history, archaeology, and ethnography.] Nov. sov. lit. po ist., arkheol. i etn. nos. 3-4 '61

BIBLIOGRAPHY—FARM MECHANIZATION

New books. Mekh. sil'. hosp. 12 no. 7:3 of cover Jl '61.

BIBLIOGRAPHY—FERTILIZERS AND MANURES

Soil fertility, fertilizers, and tillage. Pochvovedenie no. 4. 122-124 Ap '61.

Soil fertility, fertilizers, and tillage. Pochvovedenie no. 6 124-126 Je '61.

BIBLIOGRAPHY—FINANCE

Bookshelf. Den. i kred. 19 no. 6:92-95 Je '61.

BIBLIOGRAPHY—FISHERIES

Recent literature on the fishing industry. Ryb. khoz. 37 no. 5 94-95 '61

Recent literature on the fishing industry. V. A. Nevskii. Ryb. khoz. 37 no. 4. 89-90 '61.

BIBLIOGRAPHY—FOREST SOILS

Forest soil science. Pochvovedenie no. 4:127 Ap '61.

Forest soil science. Pochvovedenie no. 6:127 Je '61.

BIBLIOGRAPHY—FORESTS AND FORESTRY

From pages of technical journals. Les. prom. 39 no. 5 insert My '61.

Works of the Institute made available for practical use. Biul. nauch.-tekh. inform. Ukr. NIILKhA no. 2, 51 '57.

BIBLIOGRAPHY—FORGING

New books. Kuz.-shtam. proizv. 3 no. 3:47 Mr '61.

New books. Kuz.-shtam. proizv. 3 no. 7:48 Jl '61.

BIBLIOGRAPHY—GEOGRAPHY

List of the reports given at the sessions of the Geomorphological Committee of the Moscow Branch of the Geographical Society of the U. S. S. R. in 1956-1957 and printed in various publications. Vop. geog. no. 52 184-186 '61

BIBLIOGRAPHY—GEOLOGY

Literature on geology received by the library of the Department of Geological and Geographical Sciences of the Academy of Sciences of the U. S. S. R. during March 1961. Izv. AN SSSR Ser. geol. 26 no. 6. 117-126 Je '61.

BIBLIOGRAPHY—HEMATOLOGY

Foreign hematological journals. Probl. gemat. i perel. krovi 5 no. 1 57-58 Ja '60

BIBLIOGRAPHY—HISTORY

Annotations. Vop. ist. KPSS 5 no. 3:201-215 '61.

Annotations. Vop. ist. KPSS 5 no. 4:200-213 '61

Articles published in Soviet historical periodicals. Vop. ist. no. 6 142-144 Je '61

Brief notes on historical articles. Vop. ist. no. 6: 181-186 Je '61

Foreign reviews of the works of Soviet historians. Vop. ist. no. 6:196-198 Je '61.

Historical articles in periodicals published in the people's democracies. Vop. ist. no. 6:179-181 Je '61.

New books. Vop. ist. no. 6:139-141 Je '61

[New foreign books on the social sciences; economics, philosophy, history, international relations.] Nov. knigi za rub. po obshchestv. naukam; ekon., filos., ist., mezhdunar. otn. 4 no. 6 Je '61.

[New foreign literature on history, archaeology, and ethnography.] Nov. inostr. lit. po ist., arkheol. i etn. nos. 4-5 '61.

[New Soviet literature on history, archaeology, and ethnography.] Nov. sov. lit. po ist., arkheol. i etn. nos. 3-4 '61.

BIBLIOGRAPHY—HUNGARY

[New literature on European people's democracies: Hungary.] Nov. lit. po evrop. stran. nar. dem.: Veng. nos. 4-5 '61.

BIBLIOGRAPHY—HYDRAULIC ENGINEERING

New collections of the Moscow Kuybyshev Civil Engineering Institute. Gidr. stroi. 31 no. 6:64 Je '61.

BIBLIOGRAPHY—HYDROLOGY

Literature on meteorology, hydrology, and oceanography published in 1960 (continuation). Meteor. i gidrol. no. 7: 52-55 Jl '61.

BIBLIOGRAPHY—IMMUNOLOGY

Russian literature on problems of microbiology, immunology, infectious diseases, and epidemiology for the fourth quarter of 1958. M. L. Vil'shanskaia. Zhur. mikrobiol. epid. i immun. 31 no. 3:141-154 Mr '60.

BIBLIOGRAPHY—INDUSTRIES, LOCATION OF

"Bibliography on the problems of the distribution and districting of industry in the U. S. S. R." Reviewed by S. S. Filippova. Sov. bibl. no. 3:76-79 '61.

BIBLIOGRAPHY—INDUSTRY

New books and information materials received by the Scientific and Technical Library of the Economic Council of the Armenian S.S.R. From. Arm. 4 no. 4 76-78 Ap '61.

BIBLIOGRAPHY—INLAND NAVIGATION

New books of the "Rechnoi Transport" Publishing House. Rech. transp. 20 no. 6:3 of cover. Je '61.

BIBLIOGRAPHY—INSTRUMENTS

Articles from periodicals. Priborostroenie no. 6:32-3 of cover. Je '61.

BIBLIOGRAPHY—INTERNATIONAL RELATIONS

[New foreign books on the social sciences, economics, philosophy, history, international relations.] Nov. knigi za rub. po obshchestv. naukam; ekon., filos., ist., mezhdunar. otn. 4 no. 6 Je '61.

BIBLIOGRAPHY—KIRGHIZISTAN

"Bibliography of the publications of the Academy of Sciences of the Kirghiz S.S.R., 1957-1959." Reviewed by N. V. Sov. bibl. no. 3 81-82 '61.

BIBLIOGRAPHY—LABOR AND LABORING CLASSES

Selected bibliography on problems of labor and wages. Biul. nauch. inform. trud i zar. plata. 1 no. 1 71-75 '61.

BIBLIOGRAPHY—LABOR PRODUCTIVITY

On the main and the most important. V. Polenkov, E. Shastenko. Sots. trud. 5 no. 12, 115-149 D '60.

BIBLIOGRAPHY—LABORATORY ANIMALS

Manuals necessary for experiments using laboratory animals. A. I. Meteikin. Zhur. mikrobiol. epid. i immun. 31 no. 3:136-136 Mr '60.

BIBLIOGRAPHY—LANGUAGE AND LANGUAGES

[New foreign literature on linguistics.] Nov. inostr. lit. po inz. nos. 4-5 '61.

BIBLIOGRAPHY—LAW

Current Soviet legal literature, February-March, 1961. Sov. gos. i pravo. 31 no. 6:141-143 Je '61.

Current Soviet legal literature, February-March 1961. Sov. gos. i pravo. 31 no. 7:155-159 Jl '61.

"Literature on Soviet law; a bibliographical index." Reviewed by A. M. Turubiner. Sov. gos. i pravo. 31 no. 7: 148-150 Jl '61.

"Literature on Soviet law, a bibliography." Reviewed by E. M. Popova. Sov. bibl. no. 3 82-83 '61.

BIBLIOGRAPHY—LIBRARY SCIENCE

New books. Bibliotekar' no. 8:63-64 Je '61.

BIBLIOGRAPHY—LITERATURE

[Information bulletin of new foreign books, received by the Lenin Library. Series 3: Social sciences, belles-lettres, art.] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 3: Obshchestv. nauki, khud. lit., isk. no. 20 '61.

BIBLIOGRAPHY—LITERATURE—HISTORY AND CRITICISM

[New foreign literature on the study of literature.] Nov. inostr. lit. po lit. nos. 4-5 '61.

[New Soviet literature on the study of literature.] Nov. sov. lit. po lit. no. 4 '61.

BIBLIOGRAPHY—MACHINERY

Publications of the Central Bureau of Technical Information of the State Commission of the Council of Ministers of the U.S.S.R. on automation and machinery manufacture. Kuz.-shtam. proizv. 3 no. 3:47-48, 3 of cover Mr '61.

BIBLIOGRAPHY—MARINE ENGINEERING

Design and operation of marine engines and boilers. Sudostroenie 27 no. 5:20 My '61.

Design and operation of marine engines and boilers. Sudostroenie 27 no. 6:38 Je '61.

Ship systems and devices. Sudostroenie 27 no. 5:26 My '61.

Ship systems and devices. Sudostroenie 27 no. 6:26 Je '61.

Technology of shipbuilding and marine engineering. Sudostroenie 27 no. 5:50 My '61.

Technology of shipbuilding and marine engineering. Sudostroenie 27 no. 6:26, 50, 52 Je '01.

BIBLIOGRAPHY—MEASURING INSTRUMENTS

From periodicals. Izm. tekh. no. 7:63 Jl '61.

BIBLIOGRAPHY—MECHANICAL ENGINEERING

Authors' abstracts of dissertations. Vest. mash. 41 no. 6:85-86 Je '61.

Books and periodicals. Stan. i instr. 32 no. 6:44-45 Je '61.

Books and periodicals. Stan. i instr. 32 no. 7:41-44 Jl '61.

Books on mechanization and automation of production processes; published in the second quarter of 1961. Mekh. i avtom. proizv. 15 no. 6 61 Je '61.

From periodicals, May 1961. Mekh. i avtom. proizv. 15 no. 6 62-64 Je '61.

New books. Vest. mash. 41 no. 6:87-89 Je '61.

New books. Vest. mash. 41 no. 7:90-91 Jl '61.

Review of foreign periodicals. Vest. mash. 41 no. 6: 89-91 Je '61.

Review of foreign periodicals. Vest. mash. 41 no. 7 91-93 Jl '61.

BIBLIOGRAPHY—MEDICINE

[Information bulletin of new foreign books, received by the Lenin Library. Series 2: Biological, medical, and agricultural sciences.] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 2: Biol., med. i sel'skokhoz. nauki nos. 18, 20 '61.

New books. Sov. zdrav. 19 no. 3:20 '60.

BIBLIOGRAPHY—MERCHANT MARINE

Economics and industrial organization. Sudostroenie 27 no. 6:54 Je '61.

New books. Mor. flot 21 no. 3:47 Mr '61.

Reference section. Mor. flot 21 no. 1:47 Ja '61.

Reference section. Mor. flot 21 no. 3:46 Mr '61.

Reference section. Mor. flot 21 no. 6:3 of cover Je '61.

BIBLIOGRAPHY—METALS

From pages of foreign journals. Metalloved. i term. obr. met. no. 3:57, 3 of cover. Mr '61.

New books. Metalloved. i term. obr. met. no. 6:21, 11, 56 Je '61.

New books. Metalloved. i term. obr. met. no. 7:28, 64, 3 of cover Jl '61.

BIBLIOGRAPHY—METEOROLOGY

Literature on meteorology, hydrology, and oceanography published in 1960 (continuation). Meteor. i gidrol. no. 7 52-55 Jl '61.

BIBLIOGRAPHY—MICROBIOLOGY

Russian literature on problems of microbiology, immunology, infectious diseases, and epidemiology for the fourth quarter of 1958. M. L. Vil'shanskaia. Zhur. mikrobiol. epid. i immun. 31 no. 3:141-151 Mr '60.

BIBLIOGRAPHY—MILITARY ART AND SCIENCE

Books on military and political themes. S. Ural'skii. Tyl i snab. Sov. Voor. Sil. 21 no. 3:95-96 Mr '61.

We need a greater number of good and varied books. S. Borzunov. Sov. voin. 43 no. 7, 41 Ap '61.

BIBLIOGRAPHY—MINERALS IN SOIL

Soil mineralogy. Pochvovedenie no. 4:119 Ap '61.

Soil mineralogy. Pochvovedenie no. 6:120 Je '61.

BIBLIOGRAPHY—MINING ENGINEERING

Books and articles on mining. Gor. zhur. no. 5:80 My '61.

Books and articles on mining. Gor. zhur. no. 6:80 Je '61.

BIBLIOGRAPHY—MOSCOW PROVINCE—GEOGRAPHY

Bibliography on the geography of Moscow and Moscow Province for the ten-year period, 1950-1960. Vop. geog. no. 51 182-186 '61.

Theses on the study of Moscow and Moscow Province presented in 1944-1959. Vop. geog. no. 51 187-188 '61.

BIBLIOGRAPHY—MUNICIPAL SERVICES

New books. Zhil.-kom. khoz. 11 no. 4:36 Ap '61.

BIBLIOGRAPHY—MUSIC

Akademiia nauk SSSR. Institut istorii iskusstv. [Bibliography of Russian works on music published in newspapers and magazines during the 19th century] Muzykal'naia bibliografiia russkoi periodicheskoi pechati XIX veka. Sost. T. Livanova. Moskva, Gos. muzykal'noe izd-vo.
No. 1. 1960. 183 p.

[Chronicle of musical literature.] Let. muz. lit. no. 2 '61.

BIBLIOGRAPHY—NONFERROUS METALS

New technical publications. TSvet. met. 34 no. 2:86-88 F '61.

New technical publications. TSvet. met. 34 no. 6:88-90 Je '61.

BIBLIOGRAPHY—NOSE—DISEASES

Inflammatory and allergic diseases of the nose and its accessory sinuses; bibliography of Russian and foreign literature for 1957-1959. Zhur. ush., nos. i gorl. bol. 20 no. 4:78-82 Jl-Ag '60.

BIBLIOGRAPHY—OCEANOGRAPHY

Literature on meteorology, hydrology, and oceanography published in 1960 (continuation). Meteor. i gidrol. no. 7. 52-55 Jl '61.

BIBLIOGRAPHY—OTOLARYNGOLOGY

Index of abstracts of dissertations presented for the degrees of doctor of and candidate of medical sciences in otorhinolaryngology in 1954-1960. Zhur. ush., nos. i gorl. bol. 20 no. 5:81-86 S-O '60.

BIBLIOGRAPHY—PALEOBOTANY

"Introduction the old paleobotanical literature" [in Czech] by František Němejc. Reviewed by D. V. Lebedev. Paleont. zhur. no. 2 135-136 '61.

BIBLIOGRAPHY—PHILOSOPHY

[New foreign books on the social sciences; economics, philosophy, history, international relations.] Nov. knigi za rub. po obshchestv. naukam; ekon., filos., ist., mezhdunar. otn. 4 no. 6 Je '61.

[New foreign literature on philosophy.] Nov. inostr. lit. po filos. nos. 3-4 '61.

New philosophical studies. Vop. filos. 15 no. 6: 181-183 '61.

[New Soviet literature on philosophy.] Nov. sov. lit. po filos. nos. 4-5 '61.

BIBLIOGRAPHY—PHOTOSYNTHESIS

Artsikhovskaia, N. V. [International bibliography of photosynthesis] Fotosintez, ukazatel' otechestvennoi i inostrannoi literatury. Otv. red. B. A. Rubin. Bibliograficheskii red. E. S. Romanovskaia [Moskva] Izd-vo Mosk. univ.
Vol. 1. 1951-1958.
Part 1. 1961. 387 p.

BIBLIOGRAPHY—PHYSICAL EDUCATION AND TRAINING

List of articles and materials published in the magazine "Teoriia i Praktika Fizicheskoi Kul'tury" during 1960. Teor. i prak. fiz. kul'. 23 no. 12 955-961 '60.

Literature on physical training and sports in foreign countries. Teor. i prak. fiz. kul'. 23 no. 9 704-705 '60.

New books. Teor. i prak. fiz. kul'. 24 no. 6:461-462 '61.

BIBLIOGRAPHY—PHYSICS

New books on physics. T. O. Vreden-Kobetskaia. Usp. fiz. nauk 73 no. 3 584-588 Mr '61.

New books on physics. T. O. Vreden-Kobetskaia. Usp. fiz. nauk 71 no. 1 184-189 My '61.

BIBLIOGRAPHY—PIONEERS (COMMUNIST YOUTH)

For Pioneer leaders. I. Avramenko. Komsom. zhizn' no. 2, 29-31 Ja '60.

BIBLIOGRAPHY—PLANTS, PROTECTION OF

Bookshelf. Zashch. rast. ot vred. i bol. 5 no. 1:57 Ja '60.

BIBLIOGRAPHY—POLAND

[New literature on European people's democracies and Slavic studies; Poland.] Nov. lit. po evrop. stran. nar. dem. i slav.: Pol'. no. 4 '61.

BIBLIOGRAPHY—POLYMERIZATION

"Journal of Polymer Science," no. 146, 1960. Vysokom. soed. 3 no. 3, 490-194 Mr '61.

BIBLIOGRAPHY—PSYCHOLOGY

Books on psychology published in 1960. D. D. Tubimova. Vop. psikhol. 7 no. 2 163-168 Mr-Ap '61.

Index of literature on psychology published in 1960. N. P. Lin'kova. Vop. psikhol. 7 no. 3 135-170 My-Je '61.

BIBLIOGRAPHY—PUBLIC HEALTH

Bronitel, N. IA., and V. N. Dvorianov, comps. [Rise in the material prosperity of the Soviet people and achievements in the field of public health, physical education, and sports in the U.S.S.R. 1945-1960, index to the literature] Pod"em material'nogo blagosostoianiia Sovetskogo naroda i dostizhenila v oblasti zdravookhraneniia, fizkul'tury i sporta v SSSR, 1945-1960 gg.; ukazatel' literatury. Pod red. M. P. Kima. Moskva, In-t istorii Akad. nauk SSSR, 1961. 55 p.

BIBLIOGRAPHY—RADIO

Bibliography. Elektrosviaz' 15 no. 7:77-81 Jl '61.

New books. Radiotekhnika 16 no. 6:80 Je '61.

BIBLIOGRAPHY—RADIO MEASUREMENTS

New books. Radiotekhnika 16 no. 6:80 Je '61.

BIBLIOGRAPHY—RAILROADS

New books on automatic control, remote control, and communications. Avtom., telem. i svias' 5 no. 4 48 Ap '61.

BIBLIOGRAPHY—RAILROADS—TRACK

Literature on tracks. A. E. Vicherevin. Put' i put. khoz. 5 no. 5:46 My '61.

BIBLIOGRAPHY—RECLAMATION OF LAND

Literature on problems of virgin and wasteland reclamation. Ekon. sel'khoz. 32 no. 6:124-126 Je '61.

Soil improvement. Pochvovedenie no. 4:124-125 Ap '61.

Soil improvement. Pochvovedenie no. 6:126 Je '61.

BIBLIOGRAPHY—ROAD CONSTRUCTION

New books of the Scientific and Technical Publishing House of Motor Transportation Literature. Avt. dor. 24 no. 5:30 My '61.

BIBLIOGRAPHY—ROAD MACHINERY

New books. Stroi. dor. mash. 6 no. 5:40 My '61.

BIBLIOGRAPHY—RUMANIA

[New literature on European people's democracies' Rumania.] Nov. lit. po evrop stran nar. dem.: Rum. nos. 4-5 '61.

BIBLIOGRAPHY—RUSSIA—ECONOMIC CONDITIONS

Braniel, N. IA., and V. N. Dvorianov, comps. [Rise in the material prosperity of the Soviet people and achievements in the field of public health, physical education, and sports in the U. S. S. R. 1945-1960, index to the literature] Pod"em material'nogo blagosostoianiia Sovetskogo naroda i dostizhenii v oblasti zdravookhraneniia, fizkul'tury i sporta v SSSR, 1945-1960 gg.; ukazatel' literatury. Pod red. M. P. Kima Moskva, In-t istorii Akad. nauk SSSR, 1961. 55 p.

BIBLIOGRAPHY—RUSSIA—ECONOMIC POLICY

From congress to congress. L. Blabchikov. V mire knig 1 no. 6:3-4 Je '61

Give the congress an appropriate greeting. Bibliotekar' no. 6:7-10 Je '61.

BIBLIOGRAPHY—RUSSIA—HISTORY

Akademiia nauk SSSR. Institut istorii. [U. S. S. R. during the Great Patriotic War, 1941-1945; a bibliography of dissertations and abstracts] SSSR v period Velikoi Otechestvennoi voiny, 1941-1945 gg., ukazatel' dissertatsii i avtoreferatov. Moskva, 1961. 41 p.

BIBLIOGRAPHY—RUSSIAN LITERATURE

Get acquainted with these books, and push their sale. Sov. knizh. torg. 12 no. 8 18-19 Ag '60.

The informational and bibliographical bulletin "Novye knigi" L. N. Alferova. Sov. bibl. no. 3 14-23 '61.

Writer and village. G. Nagaev. V mire knig 1 no. 6: 22-23 Je '61

BIBLIOGRAPHY—RUSSIAN SOCIAL DEMOCRATIC PARTY

Dissertations for the degree of candidate in the history of the CPSU, presented in 1960. Vop. ist. KPSS 5 no. 1 232-238 '61.

BIBLIOGRAPHY—SALTYKOV, MIKHAIL EVGRAFOVICH, 1826-1889

Alphabetical index of the works of M. E. Saltykov-Shchedrin. Biul. Ruk. otd. Push. doma no. 9:187-191 '61.

Corrections made in the literary works of M. E. Saltykov-Shchedrin. V. N. Baskakov. Biul. Ruk. otd. Push. doma no. 9:97-106 '61.

Manuscripts of M. E. Saltykov-Shchedrin's literary works. L. M. Dobrovol'skii, M. I. Malova. Biul. ruk. otd. Push. doma no. 9, 12-73 '61.

The official papers of M. E. Saltykov. V. N. Baskakov. Biul. Ruk. otd. Push. doma no. 9:79-96 '61.

Various records and business documents of M. E. Saltykov. D. M. Klimova. Biul. Ruk. otd. Push. doma no. 9:74-78 '61.

BIBLIOGRAPHY—SANITARY ENGINEERING

Annotated list of literature. Vod. i san. tekh. no. 5 38-39 My '61

New books of the State Publishing House of Literature on Building. Vod. i san. tekh. no. 5 39-40 My '61.

BIBLIOGRAPHY—SCIENCE

Annotated list of books published in Russian translation by the Publishing House for Foreign Literature (IL) Nov. knigi za rub. Ser. A 14 no. 6 123-124 Je '61.

Annotated list of books published in Russian translation by the Publishing House for Foreign Literature (IL) Nov. knigi za rub. Ser. A 14 no. 7-125 Jl '61

In foreign publishing houses. Nov. knigi za rub. Ser. A 14 no. 6 108-112 Je '61.

In foreign publishing houses. Nov. knigi za rub. Ser. A 14 no. 7 105-111 Jl '61.

[Information bulletin of new foreign books, received by the Lenin Library. Series 1: Physical-mathematical, chemical and geological-geographical sciences; technology and technological sciences.] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 1: Fiz.-mat., khim. i geol.-geog. nauki; tekh. i tekh. nauki nos. 18, 20-21 '61.

List of books on the exact and natural sciences received by the All-Union State Library of Foreign Literature (VGBIL) during April 1961. Nov. knigi za rub. Ser. A 14 no. 6 113-117 Je '61.

List of books on the exact and natural sciences received by the All-Union State Library of Foreign Literature (VGBIL) during May 1961. Nov. knigi za rub. Ser. A 14 no. 7:112-118 Jl '61.

List of books on the exact and natural sciences received by the State Public Library of Science and Technology (GPNTB) during April and May 1961. Nov. knigi za rub. Ser. A 14 no. 7 119-124 Jl '61.

List of books on the exact and natural sciences received by the State Science Library (GNB) of the Siberian Branch of the Academy of Sciences of the U. S. S. R. during April 1961. Nov. knigi za rub. Ser. A 14 no. 6: 118-122 Je '61.

Mathematics, mechanics, astronomy, astronautics, geophysics, physics, chemistry, geology, and oceanography; reviews [of foreign literature]. Nov. knigi za rub. Ser. A 14 no. 7:3-104 Jl '61.

Mathematics, mechanics, geophysics, astronautics, physics, chemistry, and geology, reviews [of foreign literature] Nov. knigi za rub. Ser. A 14 no. 6 3-107 Je '61

New books received by the Technical and Scientific Library of the State Scientific and Technical Committee of the Council of Ministers of the Armenian S. S. R. Prom. Arm. 4 no. 4 78-79 Ap '61

Promoting books in popular science magazines. V. A. Nasedkina. Sov. bibl. no. 3 24-30 '61.

BIBLIOGRAPHY—SCIENTIFIC APPARATUS AND INSTRUMENTS

New books. Zav. lab. 27 no. 6 768 '61.

BIBLIOGRAPHY—SHEET METAL WORK

New books. Kuz.-shtam. proizv. 3 no. 3:47 Mr '61.

BIBLIOGRAPHY—SHIP HANDLING

Design and operation of ships. Sudostroenie 27 no. 5: 26 My '61

Design and operation of vessels. Sudostroenie 27 no. 6: 26 Je '61

BIBLIOGRAPHY—SHIPBUILDING

Bibliography on problems of organization and industrial economics. Sudostroenie 27 no. 5 18 My '61.

Design and operation of ships. Sudostroenie 27 no. 5, 26 My '61.

Design and operation of vessels. Sudostroenie 27 no. 6:26 Je '61

From the pages of books. Sudostroenie 27 no. 5:70 My '61

Shipbuilding in foreign countries. Sudostroenie 27 no. 5 70 My '61.

Shipbuilding in foreign countries. Sudostroenie 27 no. 6:74 Je '61.

Technology of shipbuilding and marine engineering. Sudostroenie 27 no. 5:50 My '61.

Technology of shipbuilding and marine engineering. Sudostroenie 27 no. 6 26, 50, 52 Je '61

BIBLIOGRAPHY—SIBERIA—GEOLOGY

Literature on the geology of Siberia received by the State Public Library of Science and Technology of the Siberian Branch of the Academy of Sciences of the U. S. S. R. during the period 4 January 1961 to 25 January 1961, except Irkutsk and Chita Provinces and the Buryat A. S. S. R. Geol. i geofiz. no. 5 98-103 '61.

BIBLIOGRAPHY—SIBERIA, EASTERN

Area bibliography of Eastern Siberia. P. P. Borovskii. Sov. bibl. no. 3 11-13 '61

BIBLIOGRAPHY—SOCIAL SCIENCES

Defense of dissertations in the social sciences. A. L. Ioanidi. Dop. AN URSR no. 4:542-546 '61.

[Information bulletin of new foreign books, received by the Lenin Library. Series 3: Social sciences, belles-lettres, art] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 3: Obshchestv. nauki, khud. lit., isk. no. 20 '61.

BIBLIOGRAPHY—SOIL BIOLOGY

Biology and microbiology of soils. Pochvovedenie no. 4:121-122 Ap '61.

Biology and microbiology of soils. Pochvovedenie no. 6: 123-124 Je '61.

BIBLIOGRAPHY—SOIL CHEMISTRY

Soil chemistry and methods of research. Pochvovedenie no. 4:120-121 Ap '61.

Soil chemistry and methods of research. Pochvovedenie no. 6.122-123 Je '61.

BIBLIOGRAPHY—SOIL FERTILITY

Soil fertility, fertilizers, and tillage. Pochvovedenie no. 4:122-124 Ap '61.

Soil fertility, fertilizers, and tillage. Pochvovedenie no. 6 124-126 Je '61.

BIBLIOGRAPHY—SOIL FORMATION

Factors in soil formation, genesis, geography, and cartography of soils. Pochvovedenie no. 6.118-120 Je '61.

BIBLIOGRAPHY—SOIL MICRO-ORGANISMS

Biology and microbiology of soils. Pochvovedenie no. 4:121-122 Ap '61.

Biology and microbiology of soils. Pochvovedenie no. 6: 123-124 Je '61.

BIBLIOGRAPHY—SOIL PHYSICS

Physical properties of soil and methods of research. Pochvovedenie no. 6:120-122 Je '61.

BIBLIOGRAPHY—SOIL RESEARCH

Physical properties of soil and methods of research. Pochvovedenie no. 4:119-120 Ap '61.

BIBLIOGRAPHY—SOILS

Factors in soil formation, gnesis, geography, and cartography of soils. Pochvovedenie no. 4:118 Ap '61.

Factors in soil formation, genesis, geography, and cartography of soils. Pochvovedenie no. 6 118-120 Je '61.

General works and history of soil science. Pochvovedenie no. 4 127-128 Ap '61.

General works and history of soil science. Pochvovedenie no. 6.127-128 Je '61.

BIBLIOGRAPHY—SOKOLOV, NIKOLAI IL'ICH, 1906-1960

Published works of N. I. Sokolov. Vop. geog. no. 52 201-202 '61

BIBLIOGRAPHY—SOUND

Books, pamphlets, and authors' abstracts on acoustics published in 1958-1959. Akust. zhur. 5 no. 4 506-509 '59

BIBLIOGRAPHY—STRUCTURES, THEORY OF

New books put out by the State Construction Publishing House. Stroi. mekh. i rasch. soor. 3 no. 3 49 '61.

BIBLIOGRAPHY—SURVEYING

Bibliography. Geod. i kart. no. 5 77-80 My '61

BIBLIOGRAPHY—TAJIKISTAN—MEDICINE

Nevskii, V. A. [Medicine in Tajikistan, bibliographic index of literature on the history and contemporary status of medicine and public health in Tajik S. S. R.] Meditsyna v Tadzhikistane, bibliograficheskii ukazatel' literatury po istorii i sovremennomu sostoianiiu meditsyny i zdravookhraneniia v Tadzhikskoi SSR. Pod red. V. S. Vail'. Stalinabad, Gos. nauchn. med. biblioteka, 1959. 380 p.

BIBLIOGRAPHY—TEACHING

Bookshelf. Nar. obr. no. 6:110 Je '61.

BIBLIOGRAPHY—TECHNOLOGY

From pages of technical journals. Les. prom. 39 no. 6: insert Je '61

General technical disciplines, metallurgy, science of metals, electronics, radio engineering, electric engineering, automatic control, calculating machines, measuring instruments, mining, construction, transportation, chemical technology, textile industry, food industry, and organization of production, reviews [of foreign literature]. Nov. knigi za rub. Ser. B 5 no. 6: 3-133 Je '61

"Guide to the bibliographical works on technology in the Library of Science and Technology of the Stalino Economic Region." Reviewed by N. A. Vil'chur. Sov. bibl. no. 3 83-84 '61.

In foreign publishing houses. Nov. knigi za rub. Ser. B 5 no. 6.150-155 Je '61.

[Information bulletin of new foreign books, received by the Lenin Library. Series 1: Physical-mathematical, chemical and geological-geographical sciences; technology and technological sciences.] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 1 Fiz.-mat., khim. i geol.-geog. nauki, tekh. i tekh. nauki nos. 18, 20-21 '61.

List of books on engineering received by the State Public Library of Science and Technology during April 1961. Nov. knigi za rub. Ser. B 5 no. 6 144-149 Je '61

List of books on engineering received by the State Public Library of Science and Technology of the Siberian Branch of the Academy of Sciences of the U. S. S. R. during March 1961. Nov. knigi za rub. Ser. B 5 no. 6 134-143 Je '61.

New books and information data received by the Scientific Technological Library of the Armenian Economic Council. Prom. Arm. 4 no. 2 71-73 F '61.

New books and information materials received by the Scientific Technical Library of the Economic Council of the Armenian S. S. R. Prom. Arm. 4 no. 1 80-81 Ja '61

New books and information materials received by the Scientific and Technical Library of the Economic Council of the Armenian S. S. R. Prom. Arm. 4 no. 4: 76-78 Ap '61

New books on technology for workers. N. P. Popova. Sov. bibl. no. 3 73-76 '61

New books received by the Scientific Technical Library of the State Scientific Technological Committee of the Council of Ministers of the Armenian S. S. R. Prom. Arm. 4 no. 1, 81-82 Ja '61

New books received by the Scientific Technological Library of the State Scientific Technological Committee of the Council of Ministers of the Armenian S. S. R. Prom. Arm. 4 no. 2 73-74 F '61.

New books received by the Technical and Scientific Library of the State Scientific and Technical Committee of the Council of Ministers of the Armenian S. S. R. Prom. Arm. 4 no. 4, 78-79 Ap '61.

Worker and student. N. Stoliarov. V mire knig 1 no. 6: 16-17 Je '61

BIBLIOGRAPHY—TELECOMMUNICATION

Bibliography. Elektrosviaz' 15 no. 5:77-81 My '61.

Bibliography. Elektrosviaz' 15 no. 6:76-80 Je '61.

BIBLIOGRAPHY—TELEPHONE LINES

Bibliography. Elektrosviaz' 15 no. 7:77-81 Jl '61.

BIBLIOGRAPHY—TELEVISION

Bibliography. Elektrosviaz' 15 no. 7:77-81 Jl '61.

BIBLIOGRAPHY—TEXTBOOKS

If you are preparing yourself for higher studies V mire knig 1 no. 6:36-37 Je '61

BIBLIOGRAPHY—TILLAGE

Soil fertility, fertilizers, and tillage. Pochvovedenie no. 4:122-124 Ap '61.

Soil fertility, fertilizers, and tillage. Pochvovedenie no. 6:124-126 Je '61.

BIBLIOGRAPHY—UKRAINIAN LITERATURE

Brief book reviews Sov Ukr. 11 no 6:188-190 Je '61.

BIBLIOGRAPHY—WAGES

Selected bibliography on problems of labor and wages Biul nauch inform trud i zar plata 4 no. 4 71-75 '61

BIBLIOGRAPHY—WELDING

Foreign publications on welding. E. P. Pal'tseva, Svar. proizv. no. 6:47-48 Je '61.

Foreign publications on welding. E. P. Pal'tseva. Svar. proizv. no. 7:47 Jl '61.

Soviet inventions in welding. Svar. proizv. no. 6:45 Je '61.

Soviet publications on welding. V. A. Nevskii. Svar. proizv. no. 6:46-47 Je '61.

Soviet publications on welding. V. A. Nevskii. Svar. proizv. no. 7:45-46 Jl '61.

BIBLIOGRAPHY—WORLD WAR, 1939-1945

Akademiia nauk SSSR. Institut istorii. [Great Patriotic War of the Soviet Union, 1941-1945, a bibliography of Soviet historical literature published from 1946 to 1959] Velikaia Otechestvennaia voina Sovetskogo Soiuza, 1941-1945 gg.; bibliografiia sovetskoi istoricheskoi literatury za 1946-1959 gg. Sost. G. A. Kumanev. Moskva, 1960. 136 p.

Akademiia nauk SSSR. Institut istorii. [U. S. S. R. during the Great Patriotic War, 1941-1945; a bibliography of dissertations and abstracts] SSSR v period Velikoi Otechestvennoi voiny, 1941-1945 gg.; ukazatel' dissertatsii i avtoreferatov. Moskva, 1961. 41 p.

Unsuccessful experiment. L. V. Efebovskii. Sov. bibl. no 3:66-71 '61.

BIBLIOGRAPHY—YUGOSLAVIA

[New literature on Yugoslavia.] Nov. lit. po IUg. no. 4 '61

BIBLIOGRAPHY (THEORY, METHODS, ETC.)

National bibliography and "patriotic" bibliography. V. P. Litov. Sov. bibl no. 3-41-50 '61.

BICINCHONINIC ACID

Photocolorimetric determination of copper by means of 2,2'-bicinchoninic acid. A. L. Gershuns, A. A. Verezubova, Zh. A. Tolstykh. Izv. vys. ucheb. zav. khim. i khim. tekh. 4 no. 1:25-27 '61.

BICYCLE RACING

Medical and sanitary protection for a many-day bicycle race. A. E. Nis. Teor. i prak. fiz. kul't. 23 no. 5:305-307 '60.

BICYCLOHEXANE

Synthesis of hydrocarbons. Part 77: Stereoisomeric 1, 3, 5-trialkyl-[0, 1, 3]^{1,3}-bicyclohexanes. R. IA. Levina, K. S. Shanazarov, V. N. Kostin. Zhur. ob. khim 31 no. 6:1823-1827 Je '61.

BILE

Color reaction of bile. M. M. Kirillov. Lab. delo 7 no. 7:31-35 Jl '61.

BILE ACIDS

Method for quantitative determination of bile acids in the blood [with summary in English]. IA. I. Karbach. Ukr. biokhim. zhur. 33 no. 3:420-430 '61.

BINAGADY REGION—PALEONTOLOGY

Dzhafarov, K. D. [Quaternary fauna of Binagady] Chetvertichnaia fauna Binagadov. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1961. 26 p. plates. [Parallel texts in Azerbaijani and Russian with summary in German.]

BINARY STARS see Stars, Double

BINDING MATERIALS

Airtightness of binding materials based on lime and mineral additives. P. P. Budnikov, N. V. Ivakhno. Stroi. mat. 27 no. 5:32-34 My '61.

Buti, IU. M., and L. N. Rashkovich. [Hardening of binding materials at high temperatures] Tverdenie viazhushchikh pri povyshennykh temperaturakh. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 231 p.

New SDT core binder. G. A. Sviridova. Lit. proizv. no. 3:36-37 Mr '61.

Sulfate pulp as raw material for the production of binding structural materials. A. T. Logvinenko, G. D. Uryvaeva. Trudy Khim.-met. inst. Sib. otd. AN SSSR. no. 15:99-110 '60.

BIOCHEMISTRY

Biochemical characteristics of perennial wheats. A. V. Blagoveshchenskii, S. M. Sokolova. Bot. zhur. 46 no. 6 866-869 Je '61.

"Biochemical cytology" by J. Brachet. Reviewed by A. D. Braun, V. L. Nemchenskaia. Tsitologiia 3 no. 3: 362-366 My-Je '61.

Biochemistry of the growth and development of malignant tumors. I. B. Zbarskii. Zhur. VKHO 6 no. 3 338-342 '61.

Biochemistry of the inherited diseases of man. V. P. Efroimson. Zhur. VKHO 6 no. 3 305-314 '61.

"Bioenergetics" by A. Szent-Gyorgyi. Book review. Priroda 50 no. 7 93 Jl '61.

Chemical aspects of the science of life. V. A. Engel'gardt. Zhur. VKHO 6 no. 3 241-253 '61.

Chemical mutagenesis. S. I. Alikhanian. Zhur. VKHO 6 no. 3 285-292 '61.

Electronic paramagnetic resonance spectra of biopolymers. L. A. Blumenfel'd. Zhur. VKHO 6 no. 3 319-324 '61.

First International Colloquium on Carbohydrate Biochemistry in Gif-sur-Yvette, France. B. N. Stepanenko and others. Biokhimiia 26 no. 3 567-568 My-Je '61.

Isotopes in biochemistry. IA. M. Varshavskii, S. Z. Roginskii, S. E. Shnol'. Zhur. VKHO 6 no. 3 275-284 '61.

Some biochemical mechanisms of the inherited and acquired immunity. V. P. Efroimson. Zhur. VKHO 6 no. 3 314-318 '61.

BIOCLIMATOLOGY

Conditioned reflex activity of some bee strains as affected by climatic conditions. M. S. Ragim-zade. Izv. AN Azerb. SSR Ser. biol. i med. nauk no. 1 131-138 '61.

Conditioned reflex activity of some bee strains as related to climatic conditions. M. S. Ragim-zade. Izv. AN Azerb. SSR Ser. biol. i med. nauk no. 2 87-91 '61.

BIO-GEOGRAPHY see Anthropogeography

BIOLOGICAL APPARATUS AND SUPPLIES

Experimental apparatus for the irradiation of protein solutions by microwaves. A. S. Piesman. Biofizika 6 no. 3 370-371 '61.

Laboratory equipment from organic glass for cytophysiological investigations. E. I. Zaar, I. K. Lozina-Lozinskii. Tsitologiia 3 no. 3,359-361 My-Je '61.

BIOLOGICAL PRODUCTS

Modern achievements in the microbiology of metabolite production. N. A. Krasil'nikov. Vest. AN SSSR 31 no. 5 46-51 My '61.

BIOLOGICAL PRODUCTS—DRYING

Preservation of the properties of vine yeasts by means of lyophilic drying [with summary in English]. Z. A. Ostroukhova. Mikrobiologiia 30 no. 2 341-345 Mr-Ap '61.

BIOLOGICAL RESEARCH

"Principles of research in biology and medicine" by D. J. Ingle. Reviewed by V. V. Alpatov. Pat. fiziol. i eksp. terap. 5 no. 1 94-95 Ja-F '61.

BIOLOGY

Biophysics, biology, medicine. A. V. Lebedinskii. Zdorov'e 7 no. 7:1-3 Jl '61.

Lunkevich, V. V. [From Heraclitus to Darwin; studies on the history of biology] Ot Geraklita do Darvina; ocherki po istorii biologii. Izd. 2, v dvukh tomakh. Pod red. I. M. Poliakova. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR. Vol. 2. 1960. 546 p.

Pronin, V. A. [Michurian Darwinism] Michurinskii darvinizm. [Moskva] Izd-vo Mosk. univ., 1961. 22 p.

The universe and life. A. I. Oparin. Priroda 50 no. 7: 5-12 Jl '61.

World of variety. Vokrug sveta no. 6:54-55 Je '61.

World of variety. Vokrug sveta no. 7:54-55 Jl '61.

BIOLOGY—ABSTRACTS

[Biology.] Ref. zhur.: Biol. no. 13 Jl '61.

[Biology.] Ref. zhur.: Biol. no. 14 Jl '61.

BIOLOGY—BIBLIOGRAPHY see Bibliography—Biology

BIOLOGY—PHILOSOPHY

(see also subdivision under Ukraine)

The path and goals of the physiology of activity [with summary in English, pp. 185-186]. N. A. Bernshtein. Vop. filos. 15 no. 6:77-92 '61.

Republic conference on philosophical problems in biology. Dop. AN URSR no. 6:830-835 '61.

BIOMATHEMATICS

Function of the accumulation $M = f(t)$ in diffusion and biosynthesis. N. A. Smol'kov. Biofizika 6 no. 3:284-287 '61.

BIOMETRY

Estimation of differential sensitivity and the amount of information transferred in the analysis of auditory signals of different complexity in man. A. A. Sagal. Biofizika 6 no. 3:272-278 '61.

BIOPHYSICS

Biophysics, biology, medicine. A. V. Lebedinskii. Zdorov'e 7 no. 7:1-3 Jl '61.

Cooperative processes in biology [with summary in English] M. V. Vol'kenshtein. Biofizika 6 no. 3:257-264 '61.

BIOPHYSICS—RESEARCH

Tasks of the journal in the coming seven-year period. Biofizika 1 no. 5:513-511 '59

BIOSYNTHESIS

Pathway of carbon in chemosynthesis; nature of the early product of chemosynthesis in hydrogen bacteria. N. G. Doman, A. K. Romanova, Z. A. Terent'eva. Dokl. AN SSSR 138 no. 6 1456-1159 Je '61.

Reproduction and transfer of information in the synthesis of biological macromolecules. Zh. A. Medvedev. Zhur. VKHO 6 no. 3 268-275 '61.

BIRCH

Leafage and the weight of the aerial parts of trees in birch stands of the subzone of conifer-hardwood forests. V. V. Smirnov. Soob. Lab. lesoved. AN SSSR no. 4:86-97 '61.

X-ray structure of bent crosscut birch wood. T. P. Khukhrinskaia. Izv. vys. ucheb. zav., les. zhur. 4 no. 2:96-101 '61.

BIRD LICE see subdivision under Kirghizistan; Son-Kul' region

BIRDS

(see also subdivision under Arctic regions, Baikal Lake region; Bashkiria; Bol'shoy Komchug region; Caspian Sea region; Caucasus; Kazakhstan; Kolyma Valley; Malyye Ushkan'i Islands; Narynkol District; Pavlodar Province; Poltava Province; Russia, Northern; Siberia, Siberia, Eastern; Tien Shan, Vologda Province; Yana Valley)

Birds and space. N. A. Gladkov. Ornitologiia no. 3 7-16 '60.

Some growth and development characteristics of birds. N. V. Bel'skii. Ornitologiia no. 3 31-37 '60

BIRDS—AGE

Effect of the age of birds on egg formation. N. S. Anorova. Ornitologiia no. 3 27-30 '60

Longevity of birds in nature (according to the data of banding). T. P. Shevareva. Ornitologiia no. 3 48-51 '60

BIRDS—ANATOMY

Rudiment of the distal ear feather in the wing of birds. B. K. Shtegman. Trudy Zool. inst. 29 227-256 '61

BIRDS—EGGS AND NESTS see subdivision under Chivyrkuy Bay; Gusinoye Lake region; Rangouty, Lake

BIRDS—FOOD

(see also subdivision under Nikolayev Province)

Feeding and economic importance of the rook (Corvus frugilegus L.) in Belgorod Province, R.S.F.S.R. [with summary in English] IU. K. Digelis. Zool. zhur. 40 no. 6, 888-899 Je '61.

Feeding habits of the eagle Aquila clanga Pall. in the mouth of the Belaya River. S. G. Priklonskii. Ornitologiia no. 3 174-179 '60.

Feeding of the black-crowned night heron in the Volga Delta. N. N. Skokova. Ornitologiia no. 3 396-404 '60.

Feeding of the falcons Falco tinnunculus L. and F. vespertinus L. in the forest-steppe part of the Central Black Earth Region [with summary in English] F. I. Gavrilov, A. N. Zaleskii. Zool. zhur. 40 no. 6: 882-887 Je '61.

Materials on the feeding of the kite Milvus korschun Gm. in the central Tien Shan. I. S. Turov. Biul. MOIP. Otd. biol. 66 no. 3:147-148 My-Je '61.

BIRDS—GEOGRAPHICAL DISTRIBUTION

Ornithogeographical position of high mountains in the Palearctic [with summary in English] R. L. Beme. Biul. MOIP. Otd. biol. 66 no. 2 39-43 Mr-Ap '61

Some patterns of the distribution of birds in the forest zone. N. P. Dubinin, T. A. Toropanova. Ornitologiia no. 3 114-121 '60

BIRDS—HABITS AND BEHAVIOR

Study of bird behavior. L. V. Krushinskii. Ornitologiia no. 3:17-26 '60.

BIRDS—MIGRATION

(see also subdivision under Isinga region)

Migrations of snow buntings. G. P. Dement'ev, M. I. Lebedeva. Ornitologiia no. 3 112-113 '60

Seasonal distribution and migration of the European teal. V. F. Riabov. Ornitologiia no. 3 384-395 '60.

Use of meridional automobile routes in studying the migration of birds. A. M. Cheltsov-Bebutov, R. K. Kozhevnikova. Ornitologiia no. 3 451-463 '60.

BIRDS—PARASITES see Parasites—Birds

BIRDS, INJURIOUS AND BENEFICIAL

Attracting insectivorous birds into shelterbelts, and ravine and isolated forests. G E Kozol'kov Soob Lab lesoved AN SSSR no. 3:33-46 '61

BIRDS, PROTECTION OF

Selecting tree and shrub species for the attraction of birds breeding in open nests in cities. V V. Mazing Ornitologiia no 3 425-428 '60.

BIRDS AS CARRIERS OF DISEASE

Role of birds in the epidemiology of Q fever [with summary in English] I V. Tarasevich, S. M Kulagin Zhur. mikrobiol epid. i immun 32 no 5 26-30 My '61

BIRDS OF PREY see subdivision under Apanasenkovskiy District; Arzgir District; Semiozernoye District

BIRGER, GEORGII EFIMOVICH, 1886-

Deserving workers of the synthetic fibers industry. Georgii Efimovich Birger Khim volok no 3 79 '61.

BIRSK REGION—GEOLOGY, STRUCTURAL

Reef structures of the Birsk saddle M. F. Mirchink, O. M Mirchink. Dokl. AN SSSR 138 no. 6:1424-1427 Je '61.

BIRTH, MULTIPLE

Exceptional case of twins in Taurotragus oryx Pall. [with summary in English]. V. D. Treus. Dop. AN URSR no 6 822-824 '61.

BISMUTH

Comparison of the intensity of color in complex compounds of bismuth. M P Makukha. Farmatsev. zhur. 16 no 3 32-35 '61.

Preparation of a solution containing bismuth for filling nuclear photoemulsions V. P. Shamov. Trudy Radiev. inst. AN SSSR 9 279-280 '59.

Studying processes taking place during the removal of bismuth from lead. G S Rozhavskii, M. P. Smirnov. Tsvet. met. 34 no. 6:13-22 Je '61.

Ternary system bismuth - iron - sulfur (on the theory of the precipitation smelting of bismuth). G. G. Urazov and others. Zhur neorg. khim. 5 no 3 630-636 Mr '60

BISMUTH—MAGNETIC PROPERTIES

Changes in the resistance of bismuth in a strong magnetic field IA M Chikvashvili Fiz met. i metalloved 11 no 6 817-819 Je '61

BISMUTH—THERMAL PROPERTIES

Changes in the heat conductance of lead, bismuth and gallium during melting B. P. Pashaev. Fiz tver. tela 3 no. 2:416-419 F '61.

BISMUTH ALLOYS—ELECTROMETALLURGY

Anode solution of bismuth alloys with thorium and lead in fused chlorides. I. F. Nichkov, V. E. Dmitriev, S. P. Raspopin. Izv. vys. ucheb. zav.; tsvet. met. 4 no. 2, 81-87 '61.

BISMUTH IODIDE

Low-temperature luminescence and absorption of BiI_3 crystals. R. I. Shekhmamet'ev. Fiz. tver. tela 3 no. 2 581-581 F '61

BISMUTH TELLURIDE

Crystallization of Bi, Te, and Bi_2Te_3 with the aid of the Peltier effect. S. A. Semenkovich, L. A. Kolomoets, N. V. Kolomoets. Fiz. tver. tela 3 no. 5:1597-1600 My '61.

BISMUTH TELLURIDE—ELECTRIC PROPERTIES

Investigating the valency spectrum of Bi_2Te_3. E. K. Kudinov. Fiz. tver tela 3 no. 2:317-325 F '61.

BISMUTH-TIN ALLOYS

Electric transfer in liquid alloys of the bismuth - tin system. D. K Belashchenko. Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no. 2:285-287 '60.

BISON

Bison-yak hybrids [with summary in English]. V. D. Treus, E. P. Steklen'ov. Dop. AN URSR no. 5:691-693 '61

BISON, FOSSIL see subdivision under Kodry

BITKOV REGION—PETROLEUM GEOLOGY

New studies of the oil potential and formation of the Bitkov oil field. V. O. Kraiushkin. Pratsi Inst. geol. kor kop. AN URSR 1:87-93 '59.

BITUMEN see subdivision under Barguzin Valley; Carpathian Mountains; Zayarsk region

BITUMEN—GEOLOGY see subdivision under Azerbaijan; Pogranichnoye region (Sakhalin)

BITUMEN—TERMINOLOGY

Concerning the terms "bitumens", "bitumogens", and "bitumoids". N. B. Vassoevich. Trudy VNIGRI no. 163:529-539 '60.

BITUMINOUS MATERIALS

Kul'vinskii, L. V. [Pipe insulating machines and bitumen-melting units] Truboizoliatsionnye mashiny i bitumoplavil'nye ustanovki. Moskva, nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 87 p. (V pomoshch' stroitelliam gazoprovodov)

New demands made on road bitumens V V Mikhailov, A S Kolbanovskaia Avt. dor 24 no 5 21-26 My '61

BITUMINOUS MATERIALS—TESTING

Analyzing bituminous materials by a luminescence method. Stroi. truboprov. 6 no. 4:21-22 Ap '61.

BIYSK—LIQUOR INDUSTRY—EQUIPMENT AND SUPPLIES

Bottle case counter. Z. I. Kriuchkova. Spirt. prom 27 no. 1 20 '61

BIYSK—YEAST

Continuous production of yeasts. L. P. Karaulova. Spirt. prom 27 no 4.34 '61.

BLACK FLIES see subdivision under Angara Valley, Klyaz'ma

BLACK-LEAD see Graphite

BLACK SCAB see Potato wart

BLACK SEA—BENTHOS

Quantitative distribution of the bottom fauna in the northwestern part of the Black Sea. V. N. Nikitin. Dokl. AN SSSR 138 no. 5.1198-1201 Je '61.

BLACK SEA—CLOUDS

Clouds of the land-and-sea-breeze strip along the Black Sea. N. I. Novozhilov. Priroda 50 no. 7:104-106 Jl '61

BLACK SEA—DUCKS

Recent discovery of the common eider in the Black Sea. I. I Puzanov, L. F Nazarenko Ornitologiia no 3 440 '60

BLACK SEA—GASTROPODA, FOSSIL

Distribution of the rare species Cyclope westerlundi Brusina. L. B. Il'ina. Paleont. zhur. no 2:122-123 '61.

BLACK SEA—OCEAN CURRENTS

Horizontal macroturbulent exchange in the Black Sea A. N. Gezentsevel. Trudy Inst. okean. 52:115-132 '61

BLACK SEA—PLANKTON

Pelagic biocoenosis of the uppermost layer of water in the Black Sea [with summary in English]. IU P Zaitsev. Zool zhur 40 no. 6 818-825 Je '61

BLACK SEA—SHIPS—MAINTENANCE AND REPAIR

Compensation and calibration of magnetic compasses has to be done in the Sukhoy Liman Port. S. Ivashchenko. Mor. flot 21 no. 1:46 Ja '61.

BLACK SEA—STEAMBOAT LINES

Experience in the transportation of foreign trade cargoes by ships of the Black Sea Steamship Lines M Chmyr'. Mor. flot 21 no. 6:9-11 Je '61.

BLACK SEA REGION—ARCHAEOLOGY

"Materials on the archaeology of the northern Black Sea region" Reviewed by N I Sokol'skii Sov arkheol 5 no. 2:275-282 '61.

BLACK SEA REGION—GAS, NATURAL—GEOLOGY

Oil and gas prospecting trends in the Black Sea region. B. L. Gurevich, I F. Klitochenko, M. V. Chirvinskaia Geol nefti i gaza 5 no 6 6-10 '61.

BLACK SEA REGION—PETROLEUM GEOLOGY

Oil and gas prospecting trends in the Black Sea region B. L. Gurevich, I. F. Klitochenko, M. V Chirvinskaia Geol. nefti i gaza 5 no 6 6-10 '61.

BLADDER—SURGERY

Transabdominal vesical flap method for closing a vesicovaginal fistula. M N. Zil'berman. Akush i gin 37 no. 1:91-93 '61.

BLADDER-WORM see Hydatids

BLADES

Structural strength of the moving blades of steam turbines. V. T. Troshchenko. Vest mash. 41 no. 7:35-37 Jl '61.

BLAGOVESHCHENSK—DYSENTERY

Result of a study on synthomycin sensitivity in dysenterial microbes, isolated in Blagoveshchensk, and some clinical problems in dysentery. N. N. Ostrovskii. Zhur. mikrobiol. epid. i immun. 32 no. 2:126-127 F '61.

BLAKE, WILLIAM, 1757-1827

The bicentennial of William Blake. A. Elistratova. Vop. lit. no. 12:222-231 D '59.

BLAST FURNACES

(see also subdivision under Magnitogorsk, Stalinsk)

Automation of production processes at a blast furnace plant. IU I Khripko Bezop. truda v prom 5 no 7 22-23 Jl '61

Blast furnace is a chemical plant. A. Charnyi. Izobr. i rats no. 7 10-11 Jl '61.

Blast furnace operation with an addition of natural gas to the blow B N Starshinov and others Metallurg 6 no 7-4-8 Jl '61

Blowing-in the blast furnace for the production of ferromanganese B. M Nosovitskii and others Metallurg 6 no 7 8-10 Jl '61

Optimalizing efficiency controller of a blast furnace. B M Rakovs'kyi. Avtomatyka no. 3:82-87 '61

BLAST FURNACES—COMBUSTION

Analysis of heat exchange processes in the blast furnace [with summary in English]. B L Lazarev, B I Kitaev, IU G. IArushenko Stal' 21 no. 3 200-206 Mr '61.

BLAST FURNACES—EQUIPMENT AND SUPPLIES

Bolshan, N. A., and A. V. Gurenkov. [Practice of erecting precast reinforced-concrete burden trestles at blast furnaces] Opyt montazha sbornykh zhelezobetonnykh bunkernykh estakad domennykh tsekhov. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 65 p.

Economy of coke in the withdrawal of limestone from the blast furnace burden A G Neiasov Izv. vys ucheb zav., chern met 4 no 5 37-46 '61.

BLAST FURNACES—MAINTENANCE AND REPAIR

Temperature and composition of the cast iron in the broken-down part of a blast furnace hearth bottom [with summary in English]. N N Babarykin, I M. Galemin, L. A Lepikhin Stal' 21 no 3 198-200 Mr '61

BLASTING

(see also subdivision under Kremenchug, Krivoy Rog Basin, Sverdlovsk Province)

Area of practical use of inclined holes for charges reduced in diameter diameter for blasting work in open-pit mines A T. Galimullin. Izv vys. ucheb zav., gor zhur. no 4:85-91 '61

Calculating the thickness of interchamber pillars A. N. Khanukaev. Gor. zhur no 4:23-27 Ap '60.

Council on the Use of Blasting in the National Economy E. I Cherepov Vest AN SSSR 31 no. 6:93-94 Je '61

Dust formation during blasting operations in stopes with chamber and pillar mining systems. G. A. Radchenko, E. A. Mailykiev, V. N. Kustov. Trudy Inst. gor. dela AN Kazakh. SSR 7 175-182 '60.

Electric blasting without misfire by parallel-pair connection of detonators Z. B. Alborov Trudy Alt. GMNII AN Kazakh. SSR 9 163 '60

Estimating the amount of oversized ore during blasting in open-pit mines G IA Volovikov. Izv vys ucheb zav., gor. zhur no 4:81-84 '61

Evaluating various methods of forming explosion craters in black chamber bottoms V I Nikolin Trudy Gor.-geol inst UFAN SSSR no 54:131-135 '60

Influence of the charging ratio on the effect of blasting during mining operations P. S Danchev Trudy Gor.-geol. inst. UFAN SSSR no. 54 121-124 '60.

Large-scale blasting at the Tashtagol Mine. G. M. Bulanov, D. S. Salishchev Gor. zhur no. 4:16-19 Ap '60

Means of further exploiting the energy of explosives. N. V. Mel'nikov, L N. Marchenko. Shakht. stroi. 5 no. 6 1-5 Je '61.

Minimum permissible radius of curvature of boreholes. A G. Kalinin, M M. Andreev. Izv vys ucheb zav., geol i razv. 4 no 5 97-101 My '61

Parameters of boring and blasting operations with use of drill rigs. Sh. L Ibragimov and others. Trudy Inst. gor. dela AN Kazakh. SSR 7 130-138 '60.

Practice of breaking of ore with chamber charges in the Leninogorsk Mine D S Kuluzov, Z. B Alborov, I. A Babich Gor. zhur no. 4:13-15 Ap '60

Relation between boring and blasting work and the productivity of belt conveyers A T. Kmitovenko. Izv. vys ucheb. zav., gor zhur. no. 4:33-40 '61

Research on the process of the breaking of a massif with instantaneous and short-delay blasting. IU. V. Gaek, M. F. Drukovanyi. Gor. zhur. no 6:29-33 Je '61.

Rock clearing operations on the lower Angara. K. Pochekutov. Rech. transp. 20 no. 6:39-41 Je '61.

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po nadzoru za bezopasnym vedeniem rabot v promyshlennosti i gornomu nadzoru. [Provisional instructions for using fogging equipment to control dust and gas resulting from blasting in coal mines] Vremennaia instruktsiia po primeneniiu tumanoobrazuiushchikh ustroistv dlia pylogazoulaviivaniia pri vzryvnykh rabotakh v ugol'nykh shakhtakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 10 p.

Standardization of the amount of poison gases in blasting products formed in large- scale blasting and mining work. A. G Alekseev. Izv. vys. ucheb. zav.; gor. zhur. no. 4:70-76 '61.

BLASTING (Continued)

Studying the seismic effect of powerful explosions L. A. Utkin. Trudy Gor.-geol. inst. UFAN SSSR no. 54 125-139 '60.

Use of delayed-action blasting "in waves" in the construction of an open pit in the Krivoy Rog Basin. S. A. Zaparin, IU. S. Mets. Shakht. stroi. 5 no. 5-24-25 My '61.

Using boreas with a diameter of 100 mm. for blasting operations in open-pit mining. A. P. Averchenkov, M. I. Gnotskii. Stroi. mat. 7 no. 5, 29-32 My '61.

Using diamond drill holes for breaking ore. M. P. Lebedev, IU. K. Valukhin, N. G. Popov. Gor. zhur. no. 6 37-41 Je '61.

BLEEDING see Hemorrhage

BLENNIES (FISH)
(see also subdivision under Japan, Sea of)

Some structural characteristics of the solamasensory system in northern blennioids (Stichaeoidae, Blennioidei, Pisces). V. M. Makushok. Trudy Inst. okean. 43 225-260 '61.

Supplementary data on the morphology and systematics of wrymouths (Cryptacanthodidae, Blennioidei, Pisces). V. M. Makushok. Trudy Inst. okean. 43:184-197 '61.

BLIND CHILDREN see Children, Blind

BLIND GUT see Cecum

BLOOD

Amount of blood and hemoglobin in colts. L. I. Ivzhak. Dokl. AN SSSR 136 no. 5 1227-1230 Je '61.

Dynamics of the changes in the cytological composition of the bone marrow and the peripheral blood during treatment of visceral leishmaniasis in children. N. M. Kamalov. Med. zhur. Uzb. no. 5:45-48 My '61.

Effect of chlortetracycline and teramycin on the blood picture, blood pressure, pulse frequency, and respiration in dogs [with summary in English]. A. M. Dumova. Farm. i toks. 24 no. 2:186-191 Mr-Ap '61.

Effect of diethylstilbestrol on certain morphological and biochemical changes in the blood of cattle. IU. N. Shamberev. Dokl. TSKhA no. 61 65-70 '61.

Some morphological and functional properties of the blood in patients with essential polycythemia. Probl. gemat. i perel. krovi 6 no. 4:30-33 Ap '61.

BLOOD—AGGLUTINATION

Heterohemagglutination and inhibition of heterohemagglutination in the diagnosis of epidemic hepatitis, abstract. I. I. Bank, F. N. Bobrova. Zhur. mikrobiol. epid. i immun. 32 no. 3:142 Mr '61.

Possibility for the utilization of the hemagglutination reaction in the diagnosis of coli enteritis in children [with summary in English]. V. N. Churnova. Zhur. mikrobiol. epid. i immun. 31 no. 11:74-76 N '60.

Use of the indirect hemagglutination reaction to indicate botulin toxins. Report No. 1: Detection of botulin toxins type A and B with the aid of the indirect hemagglutination reaction (Rytsat modification) [with summary in English]. V. A. Sinitsyn. Zhur. mikrobiol. epid. i immun. 31 no. 3 22-27 Mr '60.

BLOOD—ANALYSIS AND CHEMISTRY

Data on the distribution of transaminases in the blood and the effect of carbon tetrachloride on their activity in animals [with summary in English]. IA. L. Hermaniuk. Ukr. biokhim. zhur. 33 no. 3:374-378 '61.

Lactic acid and hemoglycolysis. F. I. Gimmerikh, R. N. Kulakova. Izv. AN Kir. SSR, Ser. biol. nauk 2 no. 5 99-101 '60.

Method for quantitative determination of bile acids in the blood [with summary in English]. IA. I. Karbach. Ukr. biokhim. zhur. 33 no. 3 420-430 '61.

Physiological characteristics of postnatal development in Soviet and French Merino sheep. P. A. Korzhuev, I. S. Nikol'skaia, L. I. Radzinskaia. Trudy Inst. morf. zhiv. no. 35, 208-214 '61.

BLOOD—CIRCULATION

Change in rate of blood flow in relation to the method of managing the postoperative period. P. Nurmedov. Zdrav. Turk. 5 no. 1:24-28 Ja-F '61.

Change in the blood flow rate and the height of arterial pressure under conditions of the Issiu Health Resort [in Azerbaijani with summary in Russian]. D. K. Akhundov. Azerb. med. zhur. no. 6, 37-43 Je '61.

Effect of hypoxic hypoxia on the greater and lesser circulation [with summary in English]. K. N. Fedorova. Pat. fiziol. i eksp. terap. 5 no. 1:51-56 Ja-F '61.

Evaluation of certain hemodynamic changes under the influence of various forms of anesthesia in an oncological surgery [with summary in English]. M. S. Chernin. Sov. med. 25 no. 4:93-98 Ap '61.

BLOOD—CIRCULATION, DISORDERS OF

Diuretic action of hypothiazide in treating disturbances in blood circulation. R. A. Karabaeva. Med. zhur. Uzb. no. 5:64-65 My '61.

Electrophoretic investigation of blood serum proteins [with summary in English]. I. L. Pshetakovskii. Vrach. delo no. 4:28-32 Ap '61.

Significance of tissue temperature in the application of a tourniquet. T. A. Achkasova. Eksper. khir. 4 no. 6. 50-51 N-D '59.

BLOOD—COAGULATION

Comparative evaluation of the determination of the blood coagulation rate according to the method of Bazaron and Sukharev. L. F. Grekh. Lab. delo 7 no. 7, 26-31 Jl '61.

Mechanism of increased blood coagulation in acute hemorrhage in dogs [with summary in English]. V. P. Baluda, N. A. Gorbunova. Pat. fiziol. i eksp. terap. 5 no. 1, 46-50 Ja-F '61.

Nervous influences on the blood coagulation rate in experimental arteriosclerosis [with summary in English]. M. E. Ratskina, Z. T. Samoilova. Pat. fiziol. i eksp. terap. 5 no. 1:49-46 Ja-F '61.

Prothrombin. M. A. Kudriavtsev. Nauka i zhizn' 28 no. 5 76-79 My '61.

BLOOD—COLLECTION AND PRESERVATION

Glycolytic action of the erythrocytes in conserved blood. S. E. Liubashits. Med. zhur. Uzb. no. 5 49-52 My '61.

BLOOD—EXAMINATION

Change in the morphology of the blood in closed injuries of the skull and brain in the acute period. A. A. Ashrafov. Azerb. med. zhur. no. 6:86-91 Je '61.

Chromatographic investigation of the blood in malignant neoplasms [with summary in English]. L. N. Kuzmenko, M. D. Podil'chak, D. A. Makar. Vrach. delo no. 4: 70-75 Ap '61.

Hematological characteristics of fresh uncomplicated cases of pulmonary tuberculosis during treatment with antibacterial drugs. A. G. Radzinskii. Vrach. delo no. 4 61-66 Ap '61.

BLOOD—OXYGEN CONTENT

Oxyhemometric examinations in disorders of cerebral circulation (acute insultus, vascular crisis). S. D. Rolle. Vest. AMN SSSR 15 no. 2 57-63 '60.

BLOOD—SERUM see Serum

BLOOD—TRANSFUSION

Khuramovich, N. I. [Reinfusion of blood in surgery] Reinfuziia krovi v khirurgii. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 96 p. (Biblioteka prakticheskogo vracha)

Treatment of the ulcerous stage of chronic dysentery with cortisone combined with blood transfusion. D. M. Khashimov, T. M. Dyskina. Zdrav. Tadzh. 8 no. 3: 16-18 My-Je '61.

Two cases of complications related to the transfusion of Rh-incompatible blood. R. P. Kogan, I. R. Zak. Sov. med. 25 no. 4:137-141 Ap '61.

BLOOD CELLS

Changes in the morphological composition of the blood of fine-wool lambs in connection with their age, feeding conditions and constitutional type. A. I. Kniazev. Dokl. TSKhA no. 61 137-143 '61.

Effect of age and sex on the morphological state of the peripheral blood and bone marrow of healthy dogs [with summary in English]. A. K. Ivanian. Pat. fiziol. i eksp. terap. 5 no. 1:32-38 Ja-F '61.

Effect of certain complex compounds of cobalt and the vitamin B complex on the peripheral blood in radiation sickness under experimental conditions [with summary in English]. M. F. Runova. Farm. i toks. 24 no. 2 191-197 Mr-Ap '61.

Effect of estrogens on the fattening and hematological features of cattle. IU. N. Shamberev. Dokl. TSKhA no. 61 199-207 '61.

BLOOD DONORS see subdivision under Kalinin District (Tashkent Province)

BLOOD PLATELETS

Effect of antithrombocytic serum on hematopoiesis in dogs [with summary in English]. A. M. Namiatysheva. Pat. fiziol. i eksp. terap. 5 no. 1, 24-32 Ja-F '61.

BLOOD PRESSURE

Change in the blood flow rate and the height of arterial pressure under conditions of the Istisu Health Resort [in Azerbaijani with summary in Russian]. D. K. Akhundov. Azerb. med. zhur. no. 6:37-43 Je '61.

Characteristics of influences from reflexogenic zones of the pleura on the arterial blood pressure. V. N. Nasledkov. Fiziol. zhur. 47 no. 4:459-464 Ap '61.

Effect of novocaine on arterial pressure and the development of experimental arteriosclerosis [with summary in English]. N. T. Kovaleva. Pat. fiziol. i eksp. terap. 5 no. 3:30-33 My-Je '61.

Effect of general vertical vibrations on arterial blood pressure and pulse. A. F. Lebedeva, Tsiui Chzhun-sian [Ch'iu Chung-hsiang]. Trudy LSGMI 51:175-182 '60.

Hydrodynamic regulation mechanisms of mean arterial pressure. V. L. Karpman. Dokl. AN SSSR 138 no. 5: 1231-1233 Je '61.

Restoration of colloid-osmotic pressure, blood volume and serum proteins following hemorrhage and the administration of polyglucin [with summary in English]. V. B. Kozlner. Pat. fiziol. i eksp. terap. 5 no. 3:54-60 My-Je '61.

Significance of measuring pressure in the inferior vena cava during its ligation in patients with circulatory insufficiency in cardiac defects. IA. D. Vitebskii, B. P. Vorob'ev. Eksper. khir. 4 no. 6 45 N-D '59.

Use of piezoelectric recorders for measuring arterial blood pressure in rabbits under long-term experimental conditions. A. M. Ivanitskii. Pat. fiziol. i eksp. terap. 5 no. 1, 69-70 Ja-F '61.

BLOOD PROTEINS

Blood protein fractions in patients with infectious nonspecific polyarthritis under the influence of compound treatment. E. M. Pybchinskaia. Vrach. delo no. 4: 42-44 Ap '61.

Changes in the protein composition of the blood serum in lymphogranulomatosis in children. M. G. Gradova. Probl. gemat. i perel. krovi 6 no. 1 37-41 Ap '61.

Composition of plasma protein in hypertension patients treated with the electrical field of ultra-high frequency and diathermy. A. Karimdzhanov. Med. zhur. Uzb. no. 5 42-45 My '61.

Effect of hyperimmunization on the protein composition of sera in horses producing immune sera. Report No. 1 [with summary in English]. I. I. Rakher. Zhur. mikrobiol. epid. i immun. 31 no. 8:40-45 Ag '60.

Electrophoretic analyses of blood protein fractions in typhus fever. IU. A. Kitchevskii. Lab. delo 7 no. 7: 19-20 Jl '61.

Electrophoretic changes in proteins and lipoproteins of the blood serum in malignant neoplasms. G. S. Atamanov, N. V. Saperov. Sov. med. 25 no. 5:80-86 My '61.

Electrophoretic examination of blood serum proteins in experimental deficiency of vitamins A, B, C and D, and biotin [with summary in English]. I. Pavel, S. Kyrnpianu, N. Kishiu. Vop. pit. 20 no. 2 47-50 Mr-Ap '61.

Electrophoretic investigation of blood serum proteins [with summary in English]. I. L. Pshetakovskii. Vrach. delo no. 4:28-32 Ap '61.

Intensity of proteolytic splitting of erythrocyte proteins in leukoses [with summary in English]. M. B. Sventsitskaia, O. D. Ramanova-TSKhovrebova. Vop. med. khim. 7 no. 2: 141-145 Mr-Ap '61.

"Material on the pathology of blood proteins and disorders of vascular permeability" ("Collected papers from the Department of Pathophysiology of Stalinabad Medical Institute," no. 4) Reviewed by IA. A. Lazaris, I. A. Serebrovskaia. Pat. fiziol. i eksp. terap. 5 no. 1:95 Ja-F '61.

Mechanism of disorder in the protein composition of the blood of rabbits in carbon tetrachloride affections of the liver. I. P. Smolichev. Arkh. pat. 23 no. 5 59-64 '61.

Regular features in changes of the amino acid composition of the globulin of blood serum in cattle. D. D. Pozamantir. Dokl. TSKhA no. 61 61-64 '61.

Restoration of colloid-osmotic pressure, blood volume and serum proteins following hemorrhage and the administration of polyglucin [with summary in English]. V. B. Kozlner. Pat. fiziol. i eksp. terap. 5 no. 3:54-60 My-Je '61.

Simple graphic presentation of a protein diagram. I. Babiuk, K. Masek. Vop. med. khim. 7 no. 2:209-210 Mr-Ap '61.

Thermostability of blood proteins in hemorrhages under experimental conditions. IU. M. Medievskii. Pat. fiziol. i eksp. terap. 5 no. 1 67-68 Ja-F '61.

BLOOD SUGAR

Dynamics of pentoses and hexoses in the blood of animals following administration of glucose against a background of insulin action [with summary in English]. I. D. Holovats'kyi. Ukr. biokhim. zhur. 33 no. 3 396-401 '61.

Effect of hypoglycemia on certain forms of inhibition of the knee-jerk reflex. E. B. Arushanian. Fiziol. zhur. 47 no. 4, 510-516 Ap '61.

Effect of silicic acid on carbohydrate metabolism in animals. I. Sabo and others. Pat. fiziol. i eksp. terap. 5 no. 3:76 My-Je '61.

Use of microcide (glucose oxidase) to determine glucose in normal and diabetic blood [with summary in English]. I. S. Lukomskaia, V. K. Gorodetskii. Biokhimiia 26 no. 3 477-482 My-Je '61.

BLOOD TUMOR see Hematoma

BLOOD VESSELS

Dolgo-Saburov, B. A. [Studies on the functional anatomy of blood vessels, study of collateral blood circulation] Ocherki funktsional'noi anatomii krovenosnykh sosudov; k ucheniiu o kollateral'nom krovoobrashchenii. [Leningrad] Gos. izd-vo med. lit-ry Medgiz, Leningr. otd-nie, 1961. 343 p.

BLOOD VESSELS—PERMEABILITY

Effect of endogenous hyperthermia on the permeability of biological barriers to S35 penicillin, S35 streptocid album, and radiophosphorus [with summary in English]. I. P. Popov. Antibiotiki 5 no. 3:51-55 My-Je '60.

"Material on the pathology of blood proteins and disorders of vascular permeability" ("Collected papers from the Department of Pathophysiology of Stalinabad Medical Institute," no. 4). Reviewed by IA. A. Lazaris, I. A. Serebrovskaia. Pat. fiziol. i eksp. terap. 5 no. 1:95 Ja-F '61.

BLOOD VESSELS—SURGERY

Case of restoration of the vitality of the hand by means of a vascular suture. E. M. Khodiev, A. A. Borzenko. Med. zhur. Uzb. no. 1:72-73 Ja '61.

BLOOD VOLUME

Restoration of colloid-osmotic pressure, blood volume and serum proteins following hemorrhage and the administration of polyglucin [with summary in English]. V. B. Koziner. Pat. fiziol. i eksp. terap. 5 no. 3 54-60 My-Je '61.

BLUEBERRIES

Harvest of myrtle whortleberry. V. V. Barykina. Priroda 50 no. 7 125-126 Jl '61.

BLUEPRINTING

"Tula" blueprinting unit. D. Ivannikov. IUn. tekh. 6 no. 3:47-48 Mr '61.

BOARDING SCHOOLS

(see also subdivision under Chelyabinsk Province; Leningrad)

Group organizing and training in a boarding school. B. Krasnik. Nar. obr. no. 6:79-84 Je '61.

BOATBUILDING

(see also subdivision under Nikolayev region)

"Colibri" center-board punt. M. N. Nikitin. Sudostroenie 27 no. 5:34-37 My '61.

Equipping canoes with sails and motors. Sudostroenie 27 no. 6:48-50 Je '61.

Protective coating of wooden boat hulls by glass-reinforced plastics. IA. I. Rabinovich. Sudostroenie 27 no. 5:53-54 My '61.

Sport vessels made of wood substitutes. A. N. Braslavskii, L. G. Nikiforova, F. M. Shedling. Sudostroenie 27 no. 5:37-38 My '61.

BODY, HUMAN see Anatomy, Human

BODY TEMPERATURE

Body temperature of young calves. A. I. Bespalov. Dokl. TSKhA no. 61 215-221 '61.

Change in thermoregulation in schizophrenics during treatment with aminazine. N. K. Vitte, I. A. Mizrykhin, E. P. Topchieva. Vrach. delo no. 4:97-100 Ap '61.

Dynamics of thermal reactions of various organs during perfusion with cold liquids through the cerebral ventricles and subarachnoid space of the spinal cord. V. F. Urasov. Fiziol. zhur. 47 no. 4:436-441 Ap '61.

Modification of the thermoregulatory reflex in various stages of vibration sickness, preliminary report [with summary in English]. IU. S. Korfukaev. Trudy LSGMI 61:68-72 '60.

Phagocytic index as an indicator of the features of the reaction of sensitized dogs to hypothermia [with summary in English]. I. V. Ozmidova. Zhur. mikrobiol. epid. i immun. 32 no. 1:99-104 Ja '61.

Significance of tissue temperature in the application of a tourniquet. T. A. Achkasova. Eksper. khir. 4 no. 6: 50-51 N-D '59.

BODY TEMPERATURE—REGULATION

Effect of laboratory conditions on chemical thermoregulation in the red-backed bank vole (Chethrionomys glareolus Schreb.) in winter [with summary in English]. IU. M. Smirin. Biul. MOIP, Otd. biol. 66 no. 3:20-24 My-Je '61.

Materials on ecophysiological characteristics of Arctic mammals. G. B. Livchak. Trudy Inst. biol. UFAN SSSR no. 14:170-191 '60.

Physical thermoregulation in the white whale (Delphinapterus leucas Pall.). V. M. Bel'kovich. Trudy sov. ikht. kom. no. 12 50-59 '61.

BOGDANOV, ALEKSANDR ALEKSEEVICH, 1874-1939

Remarks on A. Bogdanov. L. Zhak. Vop. lit. no. 11: 194-197 N '59.

BOGOLIUBSKII, SERGEI NIKOLAEVICH, 1891-

S. N. Bogoliubskii's seventieth birthday. B. S. Matveev. Trudy Inst. morf. zhiv. no. 35 5-6 '61.

BOGOVAROVO DISTRICT—AGRICULTURAL CREDIT

Extending credit to collective farms and assisting them in the management of their accounts. L. Perminov. Den. i kred. 19 no. 6:55-56 Je '61.

BOGOVAROVO DISTRICT—BANKS AND BANKING

Extending credit to collective farms and assisting them in the management of their accounts. L. Perminov. Den. i kred. 19 no. 6:55-56 Je '61.

BOIL see Furuncle

BOILERS

(see also subdivision under Germany, East)

Automation of heating boilers. Zhil.-kom. khoz. 11 no. 4:34 Ap '61.

Elizarov, P. P. [Operating high-pressure boiler units at electric power plants] Ekspluatatsiia kotel'nykh ustanovok vysokogo davleniia na elektrostantsiiakh. Moskva, Gos. energ. izd-vo, 1961. 399 p.

Esterkin, R. I. [Experience in adjusting boiler units operating on gas fuel] Opyt naladki kotloagregatov na gazoobraznom toplive. Leningrad, 1961. 22 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia, Energetika, no. 2)

Increase of the steam-producing capacity of SM-16/32 sectional boilers. IU. S. Rubinov. Sakh. prom. 35 no. 6 39-43 Je '61.

Kiylov, N. P. [Performance of a gas-fired boiler system; experience in operating the thermal electric power plant of the "Krasnoe Znamia" Factory] Rabota kotel'noi na gazovom toplive; iz opyta TETs fabriki "Krasnoe znamia." Leningrad, 1961. 21 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia Energetika, no. 1)

Logunov, F. G. [Wailing-up of boiler units] Obmurovka kotel'nykh agregatov. Moskva, Gos. energ. izd-vo, 1961. 391 p.

Practical method for estimating the coupling operator in linear approximation [with summary in English]. L. N. Lipatov, IU. P. Leonov. Avtom. i telem. 22 no. 5 561-570 My '61.

Pressureless steam chamber. T. Erokhin. Stroi. i arkhit. 9 no. 4:29-30 Ap '61.

Steam generator for an apparatus for determining oil demulsification time. V. Gershenovich. Tyl i snab. Sov. Voor. Sil 21 no. 3 89 Mr '61.

Using electric steam boilers in hotel laundries. V. F. Golovachev, V. E. Tumanov. Gor. khoz. Mosk. 35 no. 5:36-37 My '61.

Water cleaning of the inner surface of smoke tubes. I. V. Mazanka. Sakh. prom. 35 no. 6:43 Je '61.

Ziborov, N. M., M. E. Mishustin, and G. S. Popov. [Low-power industrial boilers] Promyshlennye parovye kotly maloi moshchnosti. Moskva, Gos. energ. izd-vo, 1961. 278 p.

BOILERS—CORROSION

Corrosion of the tail surfaces in the heating of boiler units by layer-burning of anthracite. IU. G. Dashkiev, A. IA. Macheret. Sakh. prom. 35 no. 6 35-39 Je '61.

BOILERS—INCRUSTATIONS

Removal of boiler-scales by ultrasonic waves. N. G. Chub. Spirt. prom. 27 no. 4:37-38 '61.

Ultrasonic waves clean boilers. Stroi. i arkhit. Len. 23 no. 6:38 Je '61.

BOILERS—SAFETY APPLIANCES

Handy three-way cock. A. P. Markov. Bezop. truda v prom. 5 no. 7:31 Jl '61.

BOILERS—SAFETY MEASURES

Prevent accidents with water heaters and steam boilers with a pressure up to 0.7 at. N. A. Lasunov. Bezop. truda v prom. 5 no. 6:9-10 Je '61.

BOILERS, MARINE

Efficiency of the automatized boiler system on ships of the type of the "S. Botkin" steamboat. V. Pechenenko, G. Koz'minykh. Mor. flot 21 no. 1:24-26 Ja '61.

Optical device for observations on boiler smokiness from the boiler room. V. S. Biriuk. Sudostroenie 27 no. 6:63-64 Je '61.

Optimalizing control system for marine boiler plants. E. D. Garber. Sudostroenie 27 no. 5:27-29 My '61.

BOILERS, MARINE—MAINTENANCE AND REPAIR

Efficient scavenging of three-combustion chamber boilers. K. Belozerov. Mor. flot 21 no. 2:25-26 F '61.

BOKONBAEV, DZHOOMART, 1910-1944

Kerimzhanova, Bibi. [Career of a poet] Put' poeta. Frunze, Izd-vo AN Kirgizskoi SSR, 1960. 92 p. "Road of a poet" by B. Kerimzhanova. Reviewed by S. Daronian. Vop. lit. 5 no. 6:204-206 Je '61.

BOLGARS see subdivision under Danube Valley

BOLKHOV—VOCATIONAL EDUCATION

We live the way we study. A. Novikov. Komsom. zhizn' no. 24:14-17 D '59.

BOL'SHAYA—FISH CULTURE

Raising the Baikal whitefish Coregonus autumnalis migratorius, a photosketch. Ryb. khoz. 37 no. 4:32-35 '61.

BOL'SHENARYMSKIY DISTRICT—FARM MANAGEMENT

Along the road of a sharp upsurge. B. Kitaibnev. Ekon. sel'khoz. 32 no. 2 33-37 F '61.

BOLSHEVISM see Communism

BOL'SHOY ANZH-BULAT, LAKE—BRINES

Isothermal evaporation of brine from lake Bol'shoy Anzh-Bulat at 25°. N. I. Vislagin, M. F. Liapunov. Trudy Khim.-met. inst. Zap.-Sib. fil. AN SSSR no. 12: 47-54 '58.

BOL'SHOY ANZH-BULAT, LAKE—SODIUM SULFATE

Methods for the industrial utilization of the salt resources of lake Bol'shoy Anzh-Bulat. N. I. Vislagin, IU. P. Nikol'skaia, M. F. Liapunov. Trudy Khim.-met. inst. Zap.-Sib. fil. AN SSSR no. 12:55-64 '58.

BOL'SHOY ANZH-BULAT, LAKE—THENARDITE

Experiments on the recovery of thenardite from the brine of lake Bol'shoy Anzh-Bulat. N. I. Vislagin, A. G. Vasilevskaia. Trudy Khim.-met. inst. Zap.-Sib. fil. AN SSSR no. 12:39-46 '58.

Methods for the industrial utilization of the salt resources of lake Bol'shoy Anzh-Bulat. N. I. Vislagin, IU. P. Nikol'skaia, M. F. Liapunov. Trudy Khim.-met. inst. Zap.-Sib. fil. AN SSSR no. 12:55-64 '58.

BOL'SHOY KEMCHUG REGION—BIRDS

Fauna and distribution of birds in the environs of the village Bol'shoy Kemchug (Krasnoyarsk Territory). R. L. Naumov. Ornitologiia no. 3 200-211 '60.

BOMBING, AERIAL

Battle flight. N. E. Platonov. Vest. Vozd. Fl. no. 3 36-37 '61.

BONDYUZHSKIY REGION—DIABASE

Gabbro-diabase and diabase in the Bondyuzhskiy region of the Tatar A. S. S. R. B. S. Sitdikov. Uch. zap. Kaz. un. 120 no. 4 31-42 '60.

BONE GRAFTING

Comparative evaluation of methods of free osseous autoplasty and plastic surgery on the pedicle following amputations of the hip. B. Sadritdinov. Med. zhur. Uzb. no. 1:37-41 Ja '61.

BONE MEAL

Using bone meal in fattening swine. V. A. Tashchilin. Dokl. TSKhA no. 61 99-104 '61.

BONES

Biothermal method of processing skeletal bones. A. V. Romodanovskii. Uch. zap. Omsk. gos. ped. inst. no. 12 115-117 '59.

BONES—BLOOD SUPPLY

Veins of the foot bones in man [with summary in English]. I. K. Przhezdetskaia. Arkh. anat. gist. i embr. 38 no. 2, 52-60 F '60.

BONES—DISEASES

Effect of combined antibacterial therapy on osteoarticular diseases in patients with skin tuberculosis [with summary in English]. I. N. Agapkin. Sov. med. 25 no. 4:98-105 Ap '61.

Etiology and pathogenesis of osteoarticular changes in vibration disease. E. TS. Andreeva-Galanina. Trudy LSGMI 61 7-15 '60.

Some biochemical and morphological data from a study on the effect of local vibrations on the osteoarticular apparatus [with summary in English]. L. Ch. Minetskii. Trudy LSGMI 61:16-28 '60.

BONES—TUBERCULOSIS see subdivision under Tashauz Province

BONUS SYSTEM

(see also subdivision under Rumania)

Conference on the problem of the material encouragement of workers to improve production quality. I. Baltrushevich. Biul. nauch. inform. trud i zar. plata 4 no. 6 56-61 '61.

Consultation. Stroi. truboprov. 6 no. 4:24-25 Ap '61.

Establishing regulations on bonuses for workers of industrial and business organizations for collecting, storing, delivering and unloading ferrous and nonferrous metal scrap. Biul. Gos. kom. po vop. truda i zar. platy no. 1 61-63 '61.

From the editor's mail. Sots. trud 5 no. 12:138-139 D '60.

An hourly bonus system for workers in sulfuric acid production. V. Dol'nik. Biul. nauch. inform. trud i zar. plata 4 no. 4 26-33 '61.

Improving the bonus system for workers in industry. S. Shkurko. Sots. trud 5 no. 12:43-51 D '60.

New conditions for paying bonuses to builders. Sel'. stroi. 15 no. 4:insert:4 Ap '61.

Rules governing the bonus payments to supervisory, engineering, and specialized personnel. S. P. Kokuin. Vest. sviazi 21 no. 4 30-31 Ap '61.

Stipulating bonuses for managerial and engineering personnel and technicians of capital construction departments of industrial enterprises. Biul. Gos. kom. po vop. truda i zar. platy no. 1 65 '61.

Supplement to the decision No. 704/19, September 11, 1959, of the State Committee on Problems of Labor and Wages of the Council of Ministers of the U. S. S. R. and the Presidium of the All-Union Central Council of Trade Unions. Biul. Gos. kom. po vop. truda i zar. platy no. 1 64 '61.

Total or partial bonus deprivation for production neglect. Sots. trud 6 no. 5 142 My '61.

BOOK INDUSTRIES

Devotees of the book ("Life for the book; from the history of the book and publishing in Russia" by I. D. Sytin, "The publisher F. F. Pavlenkov; a sketch of his life and activities" by N. M. Rassudovskaia, R. viewed by Nik. Smirnov-Sokol'skii). Novyi mir 37 no. 7:274-278 Jl '61.

BOOK INDUSTRIES—EXHIBITIONS

Book exhibit by the "Iskusstvo" Publishing House. E. Goliakhovskii. Poligr. proizv. no 5, 27-28 My '61

BOOKS—CONSERVATION AND RESTORATION see subdivision under Leningrad

BOOKS—REVIEWS

[Chronicle of reviews.] Let. reis. no. 2 '61.

BOOKS AND READING

Clubs of booklovers. E. Rubets. Komsom. zhizn' no. 23, 23-25 D '59.

BOOKSELLERS AND BOOKSELLING
(see also subdivision under Krasnoyarsk Territory, Leningrad; Smolensk, Sverdlovsk)

Book festivals. Sov. knizh. torg. 12 no. 8:22-25 Ag '60.

Bookselling is one of the important tasks of consumers' cooperatives. Sov. knizh. torg. 12 no. 8:7 Ag '60.

In the campaign for the Communist Youth League million. D. Timonnikov. Sov. knizh. torg. 12 no 8:26-27 Ag '60

It's worth talking about this. Sergei Baturdin, Sergei Mikhailkov. Sov. knizh. torg. 12 no 8:17-18 Ag '60.

Joint plans are needed. A. Tregubov. Sov. knizh. torg. 12 no. 8:8-10 Ag '60.

Methods of studying demand. I. Raikhman. Sov. knizh torg. 12 no. 8 13-15 Ag '60.

Militant program of Soviet booksellers. T. Barashkov. Sov. knizh. torg 12 no. 8, 1-1 Ag '60.

Sale of books in libraries. P. Levashov, IU. Subbotin. Sov. knizh. torg. 12 no. 8:30 Ag '60.

Second-hand bookstores and the study of demand. G. G. Sov. knizh. torg. 12 no. 8, 11-12 Ag '60.

BOOKSELLERS AND BOOKSELLING—BIBLIOGRAPHY see Bibliography—Booksellers and bookselling

BOOKSELLERS AND BOOKSELLING—CONGRESSES

All-Union Conference of Workers in the Book Trade. Sov. knizh. torg. 12 no. 8 6 Ag '60.

BOOKSELLERS AND BOOKSELLING—STATISTICS

Book trade during the first quarter of 1960. Sov. knizh. torg. 12 no. 8:30-40 Ag '60.

BOOKSTORES see subdivision under Moscow

BOOLEAN FUNCTIONS

Concerning the probability of the appearance of Boolean functions. Chen' TSziun'-lian, [Ch'ên Chün-liang]. Probl. pered. inform. no. 8 74-87 '61

Contact complexity of Boolean functions. A. A. Arkhangel'skaia, V. G. Lazarev, Chen' TSziun'-lian [Ch'ên Chün-liang]. Probl. pered. inform. no. 8:30-44 '61.

Measure of the order of Boolean functions. IU. L. Sagalovich. Probl. pered. inform. no. 8 86-108 '61.

Vulikh, B. Z. [Introduction to the theory of semiordered spaces] Vvedenie v teoriiu poluuporiadochennykh prostranstv. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 407 p.

BOOTS AND SHOES see subdivision under Leningrad

BOOTS AND SHOES, FELT

Felt boots with microporous rubber soles E. Maminov. Tyl i snab Sov Voor Sil 21 no. 3 92 Mr '61.

BOOTS AND SHOES, RUBBER

Conveyer press for gluing rubber soles to leather insoles. IA. O. Vorontsova, L. C. Zil'berman Kozh.-obuv. prom 3 no. 3:20-31 Mr '61.

Method for determining the blackness of the coats of varnish. V. D. Zaitseva and others. Kauch. i rez. 20 no. 6:47-49 Je '61.

BORDER GUARD

The border passes through the mountains. Sov. voin 43 no. 9:36-39 My '61.

On the enemy's heels. A. Saenko. Voen. znan. 37 no. 7:14-15 Jl '61.

Two skirmishes. V. Starvoitov. Sov. voin 43 no. 7:31 Ap '61.

BORINE

Bis (alkylamino) borines. B. M. Mikhailov, V. A. Dorokhov. Izv. AN SSSR. Otd. khim. nauk no. 6:1163 Je '61.

Polymers and trimers of alkylthioborines. B. M. Mikhailov and others. Izv. AN SSSR. Otd. khim. nauk no. 6:1163 Je '61.

BORING

Adoption of inclined holes with reduced diameter at the Pervoural'sk Mine. N. U. Turuta, A. T. Galimullin, D. V. Tereshchenko Gor. zhur. no. 4:27-30 Ap '60.

Experience in diamond drilling of blast holes abroad. A. V. Kasatochkin. Gor. zhur. no. 4:35-37 Ap '60.

Experimental installation for investigating the process of ice boring. S. S. Torban, V. N. Danil'chenko. Trudy VNIRO 39:87-90 '59.

Extradeep drilling in the Soviet Union. N. I. Khitarov. Sov. geol. 4 no. 6:134-138 Je '61.

Ivanov, S. K., and V. N. Mikhailovskii. [New instruments for measuring deviations of prospecting holes] Novye pribory dlia izmereniia krivizny razvedochnykh skvazhin. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1960. 32 p.

Jet piercing of bore and blastholes in rocks of the Andrievka open-pit mine U. M. Sundiukov Trudy Alt GMNII AN Kazakh SSR 9 164-166 '60

Minimum permissible radius of curvature of boreholes A. G. Kalinin, M. M. Andreev Izv. vys. ucheb. zav., geol. i razv. 4 no. 5 97-101 My '61

Parameters of boring and blasting operations with use of drilling rigs. Sh. L. Ibraev and others. Trudy Inst. geol. dela AN Kazakh. SSR 7 130-138 '60.

Relationship between the deflection of boreholes and the geological conditions B. Z. Sultanov, G. Shandalov Izv. vys. ucheb. zav., geol. i razv. 4 no. 3-107-111 Mr '61

[illegible]

mines] Vremennaia instruktsiia po bureniiu shpurov s promyvkoi kolonkovymi elektrosverlami v ugol'nykh shakhtakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 9 p.

Shatsov, N. I., and IU. F. Rybakov. [Air and gas drilling abroad] Burenie skvazhin s produvkoi vozdukhom ili gazom za rubezhom. Moskva, Gos. nauchno-tekhn. izd-vo nefti, i gorno-toplivnoi lit-ry, 1961 120 p.

Site selection for extradeep drilling IU. M. Sheinmann Sov. geol. 4 no. 6-138-140 Je '61

Some parameters of the process of ice boring. S. S. Torban, V. N. Danil'chenko. Trudy VNIRO 39 91-98 '59.

Temperatures of flushing fluids when boring frozen ground. A. A. Riazanov, I. F. Bol'shakov Izv. vys. ucheb. zav., geol. i razv. 4 no. 2 133-141 F '61

Urgent tasks in solving the problem of rock breaking M. M. Akhmetov Trudy Alt. GMNII AN Kazakh SSR 9 161-162 '60

Using diamond drill holes for breaking ore. M. P. Lebedev, IU. K. Valukhin, N. G. Popov. Gor. zhur. no. 6 37-41 Je '61

Water drilling of blast holes in rocks I. S. Tugaev. Bezop. truda v prom. 5 no. 7 21-25 Jl '61

BORING—EQUIPMENT AND SUPPLIES

Possibility of developing the drilling of blastholes and wells with annular bits. K. P. Katin Izv. vys. ucheb. zav., geol. i razv. 2 no. 12 140-144 '59.

BORING—SAFETY MEASURES

A useful booklet ("Booklet for miners drilling holes" by L. M. Feigin) Reviewed by G. G. Petrienko Bezop. truda v prom. 5 no. 6-37-38 Je '61

BORING MACHINERY
(see also subdivision under Sweden)

Equipment for drilling freezing boreholes. Shakht. stroi. 5 no. 5-30-31 My '61

Machine for making openings in drill bits. IU. A. Pogorel'skii Gor. zhur no. 5:70 My '61.

Mechanical borer-core lifter for removing soil samples IU. N. Starodymov. Avt. dor. 24 no. 5 21-22 My '61.

Redesigning the boring unit of the BKGM-AN-63 machine. Transp. stroi. 11 no. 5, 51 My '61.

Using high-speed percussion drills in horizontal test hole boring. I. N. Popov, N. S. Rodionov. Razved. i okh. nedr 26 no. 2:28-32 F '60.

BORING MACHINERY—HYDRAULIC DRIVING

Results of the study of the operating processes of a two-stage hydraulic torque converter of a drilling rig P. I. Aleshko. Izv. vys. ucheb. zav., energ. 4 no. 5 114-121 My '61.

BORINGS see subdivision under Irkutsk Province; Transbaikalia

BORISLAV REGION—PETROLEUM GEOLOGY

New data on the role of joints in the formation of oil-bearing sediments in the Borislav deposit. R. S. Kopystians'kyi Pratsi Inst. geol. kor. kop. AN URSR 1-94-100 '59.

BORODINO, BATTLE OF, 1812

"Battle of Borodino" panorama. Arkhit. SSSR no. 3:53-54 '61.

BORON

Contact-metasomatic deposits of boron in magnesia skarns. L. I. Shabynin. Geol. rud. mestorozh. no. 3:3-27 My-Je '61.

Effect of the distribution of boron in rocks on the absorption of slow neutrons [with summary in English]. O. D. Belomar. Dop. AN URSR no. 4:523-525 '61.

Geochemistry of boron in metamorphic processes associated with the diabases of Baikal [with summary in English]. A. S. Varlakov. Geokhimiia no. 6:521-525 '61.

Geochemistry of boron in nepheline syenites of the Lovozero Massif [with summary in English]. V. I. Gerasimovskii, V. G. Khitrov. Geokhimiia no. 6:535-537 '61.

Rare element content of quartz [with summary in English]. O. D. Stavrov. Geokhimiia no. 6-508-514 '61.

Some problems in the geochemistry of boron [with summary in English]. V. L. Barsukov. Geokhimiia no. 7: 661-672 '61.

Use of neutron methods in geochemical prospecting for boron concentrations and ore analysis of boron deposits [with summary in English]. V. F. Ivanova, F. F. Kirnozov. Geokhimiia no. 7:604-609 '61.

BORON—ANALYSIS

Detection of boron in silicate ores by the grinding method [with summary in English]. E. P. Ozhigov, V. S. Lozinskaia, A. L. Krasnitskaia. Zhur. anal. khim. 16 no. 3. 315-318 My-Je '61.

Determination of boron with crystal violet I. A. Blum and others Zav. lab. 27 no. 6 644-650 '61

BORON-ALUMINUM-IRON ALLOYS see Iron-boron-aluminum alloys

BORON HYDRIDE

Boron hydride coating of high alloy steels. IU. M. Lakhtin, M. A. Pchelkina. Metalloved. i term. obr. met. no. 3:27-30 Mr '61.

BORON ORGANIC COMPOUNDS

Action of amines and ammonia on triallylboron. B. M. Mikhailov, F. B. Tutorskaia Izv. AN SSSR Otd. khim. nauk no. 6:1158-1159 Je '61.

BORON PHOSPHATE

Properties of a boron phosphate catalyst in the dehydration of a pyrocatechol-methanol mixture L. Kh. Freidlin and others Kin. i kat. 2 no. 2:228-234 Mr-Ap '61

BORONIC ACID

Organoboron compounds. Part 77: Polymerization of butyl vinylboronate [with summary in English]. B. M. Mikhailov, P. M. Aronovich. Vysokom. soed. 3 no. 6, 861-864 Je '61

BORORO INDIANS

Jaguar-eating people (from "Elit u Tudomany"). L. Boglar. Nauka i zhizn' 28 no. 5:36-39 My '61.

BOROVYKOVSKYI, LEV IVANOVYCH, 1807-1889

Remarks on the language and style of L. Borovykovskyi's translations. V. V. Koptilov. Dosl. z lit. ta mov. no. 1 77-83 '60.

BOTANICAL RESEARCH see subdivision under Tatar A. S. S. R.

BOTANICAL SOCIETIES see subdivision under Tomsk Kazan

BOTANY
(see also subdivision under Amyl Valley; Khakass Autonomous Province; Pavlodar Province)

Moscow. Universitet. Biologo-pochvennyi fakul'tet. [Collected scientific papers of students] Sbornik nauchnykh studencheskikh rabot. [Moskva] 1957. 245 p.

BOTANY—ANATOMY

Primitive signs in the anatomical structure of sunflower seedlings [with summary in English]. V. K. Vasilevskaia. Bot. zhur. 46 no. 6.780-789 Je '61.

BOTANY—ECOLOGY
(see also subdivision under Senchi Valley)

Growth of Tatarian maple (Acer tataricum L.) from seeds of different origin M. S. Dvorakovskii Vest. Mosk. un. Ser. 6: Biol., pochv. 16 no. 3, 35-40 My Je '61.

BOTANY—EMBRYOLOGY

Cytological and embryological changes in peas grown from seeds which have been irradiated by thermal neutrons. K. V. Chaikina, S. P. TSelishchev. Doklady TSKhA no. 57 55-61 '60

Embryologic investigation of hops. M. S. Mladentseva. Dokl. TSKhA no. 59.171-177 '60.

BOTANY—MORPHOLOGY

Conditions necessary for the formation of rhizomes in the awnless brome grass and quack grass. A. A. Shchibria. Biul. MOIP. Otd. biol. 66 no. 3:149-150 My-Je '61.

BOTANY, MEDICAL

Certain aspects of the study of medicinal plants. I. I. Brekhman. Vest. AMN SSSR 15 no. 2 30-33 '60.

Collect medicinal plants. P. N. Kibal'chich. Sov. kras. krest. 11 no. 3, 8 My-Je '61.

BOTTLE WASHING

Simplified design of a feed hose for the M-6 bottle-washing machine. Spirt. prom. 27 no. 4.41 '61.

BOTULISM

Determination of the immunogenic properties of sorbed botulism antitoxins of types A and B in white mice [with summary in English]. V. M. Shevelev. Zhur. mikrobiol. epid. i immun 32 no. 1:81-85 Ja '61

BOTVINNIK, MIKHAIL MOISEEVICH, 1911-

Regimen and hardening. Zdorov'e 7 no. 7:19 Jl '61.

BOULDERS see subdivision under Ukraine

BOUNDARY LAYER

Boundary layer on a plate considering the nonequilibrium dissociation. V. P. Stulov. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 3:5-12 My-Je '61.

BOUNDARY VALUE PROBLEMS

Asymptotic behavior of the spectral matrix of a differential equation of the fourth order [with summary in English]. M. O. Barnovs'ka Dop AN URSR no 6 713-716 '61.

Boundary value problems in a quarter of a plane for partial differential equations with constant coefficients. G. E. Shilov. Sib. mat. zhur. 2 no. 1, 144-160 Ja-F '61.

Continuous representation of total Green's functions. I. S. Shapiro, IU. V. Gaponov. Vest. Mosk. un. Ser. 3. Fiz., astron. 16 no. 2:73-81 Mr-Ap '61.

A priori estimation of solutions to linear parabolic equations and of solving boundary value problems for a certain class of quasi linear parabolic equations. S. N. Kruzhkov Dokl. AN SSSR 138 no 6, 1005-1008 Je '61.

Relation between two spectral functions corresponding to one second-order differential equation and to different initial conditions V. B. Uvarov. Dokl. AN SSSR 138 no. 5-1035-1038 Je '61

Solution to the boundary value problem of radiowave propagation about the earth with allowance for the main geophysical factors. P. F. Krasnushkin Dokl. AN SSSR 138 no. 5 1055-1058 Je '61.

Some homogeneous boundary value problems for the equation of string vibration E. A. Arutiunian, A. G. Giul'misarian, S. G. Ovsepian Dokl. AN SSSR 138 no 6, 1255-1256 Je '61

BOXING

Cross-country running and the training of boxers. S. S. Shcherbakov. Teor. i prak. fiz. kul'. 23 no. 5, 397-398 '60.

Reasons for an unsuccessful performance S. S. Shcherbakov *Teor i prak. fiz kul' 23 no. 12 906-911 '60.*

BRACHIAL PLEXUS—DISEASES

Diagnosis of brachial plexitis and neuralgias of the brachial plexus [with summary in French]. A. V. Fedorova. Zhur. nevr. i psikh. 61 no 2 285-286 '61.

BRACHIOPODA, FOSSIL see subdivision under Arctic regions; Kara-Tau; Kazakhstan; Kendyktas Ridge

BRADLEY, FRANCIS HERBERT, 1846-1924

Critical evaluation of F. H. Bradley's philosophy [with summary in English]. M. A. Kissel' Vest. LGU 16 no 11:73-84 '61.

BRAIN

Angioneural connections in the midbrain in reptiles [with summary in English]. V. M. Godinov. Arkh. anat. gist i embr. 38 no. 2:48-51 F '60.

Dynamics of thermal reactions of various organs during perfusion with cold liquids through the cerebral ventricles and subarachnoid space of the spinal cord V. F. IUrasov. Fiziol. zhur. 47 no 4:436-441 Ap '61.

Effect of certain biologically active substances on respiration and the restoration of phosphorus compounds in brain sections [with summary in English]. Chzhan' Tszin' [Chan Chin]. Vop. med. khim. 7 no. 2, 154-158 Mr-Ap '61.

Effect of galanthamine on the central nervous system [with summary in French]. M. D. Mashkovskii, R. IU. Il'ichenok. Zhur. nevr. i psikh. 61 no. 2:166-175 '61.

Important trends in the investigation of structural and functional mechanisms of the brain under normal and pathological conditions [with summary in French]. S. A. Sarkisov. Zhur. nevr. i psikh. 61 no. 2, 161-165 '61.

Influence of the reticular formation of the brain on the effectiveness of health resort treatment of the neuroses. B. I. Sharapov. Zdravookhranenie 2 no. 4:36-39 Jl-Ag '59.

Remote oxygen requirement of the brain after hypothermia [with summary in English] E. M. Khvatova. Biofizika 6 no. 3:351-356 '61.

Separation of brain proteins by paper electrophoresis [with summary in English]. P. F. Minaev, A. I. Chukhrova. Ukr. biokhim. zhur. 33 no. 3:431-436 '61.

Structure of the insect brain during the successive stages of postembryonic development. Report No. 2; Olfactory center [with summary in German]. A. A. Panov. Ent. oboz. 40 no. 2:259-271 '61.

Study of the ribonucleic acid content of neurons of the central nervous system of the Macaca rhesus monkey in the process of immunogenesis [with summary in English] O. G. Andzhaparidze, E. E. Rozina, A. M. Amchenkova. Zhur. mikrobiol. epid. i immun. 32 no. 1:22-26 Ja '61.

BRAIN—ABSCESS

Case of multiple abscesses of the brain of otogenous origin. A. Dadmukhamedov Zhur. ush., nos. i gorl. bol. 21 no. 1:76-71 Ja-F '61.

Case of otogenous suppurative ventriculitis with recovery. E. F. Kovalenko. Zhur. ush., nos. i gorl. bol. 21 no. 1: 75-77 Ja-F '61.

Prevention of traumatic abscesses of the brain under experimental conditions. K. K. Khoritonova. Vop. neirokhir. 25 no. 2:24-28 Mr-Ap '61.

BRAIN—BLOOD VESSELS

Changes in the higher nervous activity and tone of the cerebral vessels in patients with schizophrenia [with summary in English]. A. S. Staritsyn, K. P. Moskovchenko. Zhur. vys. nerv. deiat. 11 no. 2:237-244 Mr-Ap '61.

Fine injection of cerebral blood vessels in man and animals [with summary in English]. T. I. Bohdanova. Dop. AN URSR no. 4:531-533 '61.

Oxyhemometric examinations in disorders of cerebral circulation (acute insultus, vascular crisis). S. D. Rolle. Vest. AMN SSSR 15 no 2 57-63 '60.

Roentgenological signs of venous stasis of oral segments of the cerebral trunk [with summary in French]. M. B. Kopylov Zhur. nevr. i psikh. 61 no 2 280-284 '61.

Veins of the longitudinal fissure of the brain and puncture of the corpus callosum B. M. Nikiforov Vop. neirokhir 25 no 2 11-18 Mr-Ap '61

BRAIN—DISEASES

Combined vascular pathology in apoplexy of the brain. M. D. Mats. Vrach. delo no. 4:86-88 Ap '61.

Otogenous intracranial complications as revealed by materials from the Otolaryngological Department of the Volhyn' Province Hospital [with summary in English]. G. V. Shcherbina. Zhur. ush., nos. i gorl. bol. 21 no. 2: 28-31 Mr-Ap '61.

Rare forms of a disease of the blood vessels of the brain in rheumatic fever. I. IA. Shor. Zdravookhranenie 2 no. 4, 18-22 Jl-Ag '59.

Surgical treatment of parkinsonism and other diseases of the extrapyramidal tract. Report No. 1: Technics and methods of surgical interventions. E. I. Kandel'. Vop. neirokhir 25 no. 2 2-9 Mr-Ap '61.

Therapeutic results in carotid-cavernous anastomoses. F. A. Serbinenko Vop neirokhir. 25 no 2:28-34 Mr-Ap '61.

BRAIN—TUMORS

Diagnostic value of binaural hearing disorders in supratentorial tumors of the brain I. A. Skliut Vop neirokhir 25 no 2, 34-37 Mr-A, '61.

Fluorescence analysis in the diagnosis of brain tumors; experimental investigations. G. M. Loktionov Vop neirokhir 25 no. 2:10-14 Mr-Ap '61.

Intravital recognition of subdural hematomas. F. A. Saburenko. Med. zhur. Uzb. no. 1:53-54 Ja '61.

Meningeal symptoms in cerebral tumors under clinical conditions A. I. Shilanovskii Vop neirokhir 25 no. 2:37-39 Mr-Ap '61

Pathomorphological changes in the brain in meningiomas, with different histological structures. V. F. Tushevskii. Vop. neirokhir. 25 no 2, 19-23 Mr-Ap '61

BRAIN—WOUNDS AND INJURIES

Change in the morphology of the blood in closed injuries of the skull and brain in the acute period. A. A. Ashrafov. Azerb. med. zhur. no. 6:86-91 Je '61.

Changes in the rima glottidis in severe closed cranial and cerebral injuries under experimental conditions. IU. V. Zotov. Vop neirokhir. 25 no. 2:45-50 Mr-Ap '61.

BRANDY see subdivision under Armenia

BRATSK—FORTIFICATIONS, OLD

The Bratsk Fortress. A. V. Nikitin. Sov. arkheol. 5 no. 3:213-225 '61.

BRATSK HYDROELECTRIC POWER STATION—CONCRETE CONSTRUCTION

Concrete operations in building the Bratsk Hydroelectric Power Station. A. Gindin. Na stroi. Ros. no 3:5-8 D '60.

BRATSK HYDROELECTRIC POWER STATION—ICE ON RIVERS, LAKES, ETC.

Ice flow through the piers of the Bratsk hydroelectric power station spillway dam. IA. L. Gotlib. Gidr. stroi. 31 no 6:27-31 Je '61.

BREAD

Shcherbatenko, V. V., T. S. Lur'e, and V. A. Patt. [Use of molasses in the baking industry] Primenenie patoki v khlebopekarnom proizvodstve. Moskva, Pishcheprom-izdat, 1960. 34 p.

BREAKDOWN, ELECTRIC

Breakdown in nonpolar semiconductors. Kh. Frelikh. Fiz. tver. tela 3 no. 2:676 F '61.

Electric breakdown in a vacuum between graphite electrodes. I. N. Slivkov. Zhur. tekh. fiz. 29 no. 12:1473-1474 D '59.

Onset of dislocations in electric breakdown in ionic crystals. M. P. Shaskol'skaia, Van IAn'-ven' [Wang Yen-wên], Gu Shu-chzhao [Ku Shu-chao]. Fiz. tver. tela 3 no. 2:658-659 F '61

BREAM

(see also subdivision under Dnieper River)

Development of bream under different conditions of oxygen supply. IU. G. IUrovitskii, P. N. Reznichenko. Trudy Inst. morf. zhiv. no. 33:94-110 '61.

BREAST

Significance of underdevelopment of the tissue of the breast for the development of so-called primary hypolactation. M. G. Morozova. Akush. i gin. 37 no. 1: 48-50 '61.

BREAST—CANCER

Evaluation of the clinical symptomatology of cancer of the breast. I. F. IUnda. Vrach. delo no. 4:75-78 Ap '61.

BREAST—DISEASES

Late results in the conservative treatment of suppurative mastitis [with summary in English]. N. L. Volpian, V. G. Malyshak. Vop. okh. mat. i det. 6 no. 4 54-58 Ap '61.

Proteins and dry residue of human milk in the treatment of hypogalactia with prolactin. L. G. Kovtunova. Vop. okh. mat. i det. 6 no. 4, 62-67 Ap '61.

Use of prolactin in late stages of hypogalactia [with summary in English]. T. E. Voguikina, A. I. Tret'iakova. Vop. okh. mat. i det. 6 no. 4 58-61 Ap '61.

BREATHING see Respiration

BREATHING APPARATUS see Respirators

BREST—DISPENSARIES

Method for dispensary treatment of therapeutic patients I. G. Kru Zdrav Bel 7 no 5 41-42 My '61

BREST PROVINCE—AGRICULTURE

Experiment station helps to introduce scientific recommendations I. A. Lugovtsov Vest. sel'khoz. nauki 6 no 6: 133-136 Ja '61

BREST PROVINCE—BANK EMPLOYEES—EDUCATION AND TRAINING

Increase the enrollment of bank workers in correspondence schools I. Piletskii Den i rubl' 19 no 6:45-46 Je '61.

BREWING INDUSTRY see subdivision under Armenia

BREWING INDUSTRY—EQUIPMENT AND SUPPLIES

Pilot sectional plant for producing "green" beer in a continuous flow M. T. Denshchikov. Spirt. prom. 27 no. 4:11-16 '61.

BRICK BUILDING see Building, Brick

BRICK HOUSES

Lagun, I. L., K. S. Nekrasov, and S. G. Gorelik. [Vibrated brick panels in housing construction] Vibrokirpichnye paneli v zhilishchnom stroitel'stve. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 138 p.

Village house of vibrated brick panels. IU. Moiseev, F. Solov'ev, A. Chutro. Stroi. i arkhit. 9 no. 4:18-19 Ap '61.

BRICK INDUSTRY

(see also subdivision under Moscow Province; Ukraine; White Russia)

Methodology for establishing norms for the number of workers in industrial enterprises G. Chubarov. Sots. trud 5 no 12 79-85 D '60

BRICKLAYING

Let's employ an economical way of building walls. B. Kharchenko. Stil', bud 11 no 4 15 Ap '61

Logunov, F. G. [Walling-up of boiler units] Obmurovka kotel'nykh agregatov. Moskva, Gos. energ. izd-vo, 1961. 391 p.

BRIDGE CIRCUITS

Features of a double T-shaped bridge with consideration to the effects of the parameters of the generator and load. IU. A. Andreev, V. O. Kobak. Elektrosviaz' 15 no. 7:3-11 Jl '61.

Percentage capacitance-comparator bridge. M. I. Dobrovinskaia. Izm. tekh. no. 7:41-43 Jl '61

Standard self-balancing direct-current bridge using thermistors. L. M. Zaks Trudy inst. Kom. stand., mer i izm. prib. no. 48 7-23 '60

Using asymmetrical bridge circuits in magnetoelectric ratiometers of resistance thermometers A. I. Avdeev, D. A. Il'menskii, M. D. Notarius Priborostroenie no. 6:1-3 Je '61

BRIDGE CONSTRUCTION see subdivision under United States

BRIDGES

First bridges in Russia. A. I. Ruta Transp. stroi. 11 no. 5:57-59 My '61.

BRIDGES, CONCRETE

(see also subdivision under Volzhskiy)

Ageev, D. N., G. P. Kurasova, and O. M. Prikhod'ko. [Prestressed span structure for a bootbridge made of keramzit concrete] Predvaritel'no napriazhennoe proletnoe stroenie peshekhodnogo mosta iz keramzitobetona. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shossejnykh dorog RSFSR, 1961. 66 p.

Demountable reinforced concrete bridge for shallow water. V. Filipnov. Tyl i snab. Sov. Voor. Sil 21 no. 1: 80-84 Ja '61.

Precast spans made of unified elements. V. A. Slovinskii. Transp. stroi. 11 no. 5:12-15 My '61

Study of a prestressed beam with high-strength reinforcing bars. N. M. Kolokolov and others. Transp. stroi. 11 no. 5:40-42 My '61.

BRIDGES, IRON AND STEEL

Khazan, I. A. [Steel highway bridges abroad] Stal'nye avtodorozhnye mosty za rubezhom. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shossejnykh dorog RSFSR, 1961. 150 p.

BRILL'S DISEASE see Typhus fever

BRINES see subdivision under Bol'shoy Anzh-Bulat, Lake

BRIQUETS
Investigating the work of the press used in briquetting wheat meal. P. I. Gusev, K. E. Korenkov. Trudy VNIIKO 39 197-206 '59

BRIQUETS (FUEL)
"Schwarze Pumpe" is being build. E. Kliuchevskaia Vokrug sveta no. 7 26-27 Jl '61.
Using steam pressure isotherms in studying the lignite briquetting process. E. F. Panina Nauch. trudy MGI no. 27 157-171 '59.

BRITISH CAMEROONS see Cameroons, British

BRITISH GUIANA—LUMBERING
Strike in the jungles. Comrade Vokrug sveta no. 7 46-47 Jl '61.

BRIUKHONENKO, SERGEI SERGEEVICH, 1890-1960
In memory of S. S. Briukhonenko. A. G. Lapchinskii. Pat. fiziol. i eksp. terap. 5 no. 3 97-98 My-Je '61.

BRNO, CZECHOSLOVAKIA—EXHIBITIONS
Modern technological equipment manufactured in the plants of the Czechoslovak socialist Republic. M. I. Brusov. Avt. prom. 27 no. 6 44-46 Je '61

BROACHING MACHINES
Increasing the precision of machining on internal pull broaching machines. V. S. Belov Stan. i instr. 32 no. 6 14-16 Je '61.
The 1770 universal ultrasonic broaching machine. D. F. Iakhimovich. Stan. i instr. 32 no. 6 11-13 Je '61

BROACHING MACHINES—HYDRAULIC DRIVING
Hydraulic system of a broaching machine with two-position safety valves. O. V. Zhilinskii and others Stan. i instr. 32 no. 6 36-37 Je '61

BROME GRASS
Conditions necessary for the formation of rhizomes in the awnless brome grass and quack grass. A. A. Shchibria. Biul. MOIP. Otd. biol. 66 no. 3 140-150 My-Je '61.

BROME GRASS—DISEASES AND PESTS
A new gall gnat species (Diptera, Itonididae) injurious to the brome grass and some features of its biology. P. I. Marikovskii, Z. IA. Agafonova. Ent. oboz. 40 no. 2: 272-274 '61.

BROMIDES IN THE BODY
Bromine, potassium, and calcium metabolism in leprosy patients [with summary in French] R. A. Trapeznikova, Kh. A. Veselovskaia Shor. nauch. rab. po lepr. i derm. no. 13:20-42 '59.

BROMINATION
Some characteristics of the bromination of citric acid. E. IU. Shvarts, A. A. Petrov, Kh. V. Bal'ian. Trudy LTI no. 60:78-84 '60.

BROMINE
Characteristics of bromine ion accumulation in underground brines. A. M. Kuznetsov, G. A. Maksimovich. Dokl. AN SSSR 139 no. 5 1179-1182 Je '61
Concentration and distribution of iodine and bromine in subterranean waters of the Azov-Kuban fault. N. V. Ovchinnikov. Biul. MOIP. Otd. geol. 34 no. 5 159-160 S-O '59.
Hydrobrominolysis of glycine esters. K. T. Poroshin and others. Izv. AN SSSR. Otd. khim. nauk no. 6 1131-1137 Je '61.

BROMINE COMPOUNDS
Interaction of a triphenyl phosphite-bromine complex with ethylene glycol and its derivatives. N. K. Kochetkov, I. I. Kudriashov, T. M. Senchenkov Zhur. ob. khim. 31 no. 6 1830-1832 Je '61.

BRONCHI—FOREIGN BODIES
Foreign body in the bronchus as a cause of bronchiectasis. I. A. Gontsov. Zdravookhranenie 2 no. 4 51-52 Jl-Ag '59.

BRONCHIECTASIS
Etiology and clinical course of bronchiectasis. S. N. Babadzhanov. Med. zhur. Uzb. no. 5 60-64 My '61

BRONCHOSCOPE
D. B. respiratory bronchoscope. I. D. Krishtul, G. I. Lukomskii. Med. prom. 15 no. 5 49-52 My '61.

BRONIEWSKI, WLADYSLAW, 1898-
Malakovskii and the works of W. Broniewski written during the 1930's. Florian Neuvazhnyi. Dosl. z lit. ta mov. no. 1 61-72 '60.

BRONZE
Fluorescence determination of beryllium in bronze. A. I. Cherkesov, T. S. Zhigalkina. Zav. lab. 27 no. 6 658-659 '61.

BRONZE—METALLOGRAPHY
Temperature dependence of the rate of β' - phase crystal growth in tin bronze. A. L. Belinkii. Metalloved. i term. obr. met. no. 3 25-27 Mr '61.

BRONZE AGE
(see also subdivision under Crimea; Donets Valley; Ivaninskiy District, Mingechaur, Transbaikalia)
A sword and spear from Yakutia. V. G. Borisov Sov. arkheol. 5 no. 2 239-241 '61

BRUCELLA
Catalase activity in Brucella [with summary in English]. M. V. Malikova Zhur. mikrobiol. epid. i immun. 31 no. 11 93-99 N '60.
Chlorine disinfection of water infected with brucellar pathogens. S. S. Spasskii. Gig. i san. 26 no. 1 107-109 Ja '61
Electron microscopy of brucellar phagolysis [with summary in English]. N. N. Ostrovskaia, N. N. Solov'ev Zhur. mikrobiol. epid. i immun. 31 no. 11 4-10 N '60
Nutritive media accelerating the growth of Brucella and contributing to their detection among other microflora [with summary in English] A. S. Korotich and others Zhur. mikrobiol. epid. i immun. 31 no. 3 66-70 Mr '60
Studying the role of ticks of the genera Dermacentor and Haemaphysalis in the transmission of brucellosis. A. A. Volkova and others. Izv. AN Kir. SSR Ser. biol. nauk 2 no. 7, 5-24 '60.

BRUCELLOSIS
(see also subdivision under Ukraine)
Aerosol immunization with dry live vaccines and anatoxins. Part 4. Characteristics and dynamics of the vaccinal process following aerosol vaccination with brucellosis, tularemia, anthrax and plague dust vaccines [with summary in English] N. I. Aleksandrov and others Zhur. mikrobiol. epid. i immun. 31 no. 12 38-41 D '60
Brucellosis as a social and hygienic problem [with summary in English] Zhur. mikrobiol. epid. i immun. 31 no. 12 14-20 D '60
Brucellosis in the Far North. Report No. 1. Brucellosis in reindeers [with summary in English] I. I. Cherchenko. Zhur. mikrobiol. epid. i immun. 32 no. 3 135-139 Mr '61
Brucellosis in the Far North. Report No. 2. Epidemiological characteristics of a focus of brucellosis in reindeer [with summary in English] I. I. Cherchenko Zhur. mikrobiol. epid. i immun. 32 no. 4 118-123 Ap '61
Clinical characteristics of brucellosis with a predominance of symptoms of nervous system disease. G. M. Imamaliyeva. Azerb. med. zhur. no. 6 25-31 Je '61.
Comparative clinical characteristics of brucellosis in vaccinated and unvaccinated subjects [with summary in English] Z. IA. Kremneva Zhur. mikrobiol. epid. i immun. 32 no. 2 87-91 F '61
Epicutaneous immunization of subjects against brucellosis with a vaccine from Brucella abortus strain 19 [with summary in English] S. M. Smirnov, M. K. Tleugabylov, M. F. Shmuter. Zhur. mikrobiol. epid. i immun. 32 no. 1 51-54 Ja '61
Peculiarities in the clinical course of brucellosis in recent years V. M. Madzhidov. Med. zhur. Uzb. no. 5 53-56 My '61
Precipitation reaction as a method for the rapid diagnosis of brucellosis [with summary in English] A. P. Mikhov. Zhur. mikrobiol. epid. i immun. 32 no. 2 95-101 F '61.
Preliminary data on the culturing of the causative agents of tularemia, brucellosis, and plague on a medium with native fermentative hydrolysate aminopeptide-2. Report No. 1 A. S. Leibenzon, Z. F. Luchsheva. Zhur. mikrobiol. epid. i immun. 31 no. 12 102-103 D '60.
Study of the effectiveness of therapeutic Brucella vaccine prepared on a medium with yeast autolysates; experimental study [with summary in English]. A. I. Zaitseva. Zhur. mikrobiol. epid. i immun. 32 no. 1 107-110 Ja '61.
Study of the efficacy of the cutaneous method of vaccination in man with Brucella abortus vaccine prepared from the 19-BA strain [with summary in English] I. F. Taran Zhur. mikrobiol. epid. i immun. 31 no. 8 93-96 Ag '60.

BRUCELLOSIS IN HORSES
Clinico and epidemiological observations in a focus of equine brucellosis M. N. Poberezkin. Zhur. mikrobiol. epid. i immun. 32 no. 5 117-118 My '61.

BRUNN see Brno

BRUSHES, ELECTRIC
Effective method for reconditioning the brush holders of traction motors. S. A. Pushkareva, N. A. Belysheva. Elek. i tepl. tiaga 5 no. 3 18-19 Mr '61.

BUBBLE CHAMBER
Eleven-liter propane bubble chamber [with summary in English]. P. I. Vatset and others. Ukr. fiz. zhur. 6 no. 2 182-185 Mr-Ap '61
Liquid-hydrogen bubble chamber [with summary in English]. P. I. Vatset and others. Ukr. fiz. zhur. 6 no. 2: 175-181 Mr-Ap '61
Physical measurements on photographs of particle tracks in bubble chambers. I. I. Pershin. Usp. fiz. nauk 73 no. 3 559-581 Mr '61.

BUBONIC PLAGUE see Plague

BUCHAREST—THEATER
Young people's theater in Bucharest Anna Halas. Teatr 22 no. 6 186-187 Je '61

BUCKWHEAT
(see also subdivision under Podol'sk District)
Sowing buckwheat on stubble. I. N. Elagin. Zemledelie 23 no. 6 27-30 Je '61

BUDGET
(see also subdivision under Georgia)
The Budgetary Committee of the Supreme Soviet of the R. S. F. S. R. A. V. Zinov'ev. Izv. vys. ucheb. zav. ,prav. 4 no. 1 31-16 '60

BUDGET—CONGRESSES
Ensure the successful execution of the state budget program of the U. S. S. R. Fin. SSSR. 22 no. 6 88-92 Je '61.

BUDS
Rudenko, I. S. [Setting and development of flower buds in apple trees] Zalozhenie i razvitie tsvetochnykh pochek iabloni. Kishinev, Izd-vo "Shtiintsa," Moldavskogo filiala Akad. nauk SSSR, 1960. 118 p.
(DA)

BUG VALLEY—ROCKS, SEDIMENTARY
Recent data on the mineralogical composition of Quaternary sediments of the middle Bug Valley [with summary in English] V. M. Shovkopliias Dop. AN URSR no. 5 660-664 '61

BUILDING
(see also subdivision under Kazakhstan)
Akademiia stroitel'stva i arkhitektury SSSR. Institut teorii i istorii arkhitektury i stroitel'noi tekhniki. [Architecture and building techniques] Arkhitektura i stroitel'naia tekhnika. Pod red. N. P. Bylinkina i dr. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 254 p.
New house in old walls. G. Rabinovich. Izobr. i rats. no. 6 8-9, 19 Je '61
Some geodetic layout problems B. I. Gerzhuia Geod. i kart. no. 6 49-53 Je '61.
Urgency of introducing advanced techniques and equipment in mine construction. IA. V. Brovman Shakht. stroi. 5 no. 5 1-5 My '61.

BUILDING—COLD WEATHER CONDITIONS
(see also subdivision under Russia, Northern)
Assembling buildings in cold weather conditions. A. Shishkin Na stroi Ros. no. 3 29-30, 33-34 D '60.

BUILDING—CONTRACTS AND SPECIFICATIONS
(see also subdivision under Armenia)
Current technical specifications. Stroi. i arkhit. 9 no. 5 39 My '61.

BUILDING—DETAILS
Requirements concerning large-panel apartment houses. B. Shchepetov. Stroi. i arkhit. Mosk. 10 no. 4 15-19 Ap '61.

BUILDING—ESTIMATES
Helping the estimator. Ekon. stroi. no. 5 61 My '61.
In the Office of State Construction of the USSR. Ekon. stroi. no. 5 62-63 My '61.
Let's change the order of compiling planning and estimating documents. V. Petrenko. Stroi. i arkhit. 9 no. 4 38-39 Ap '61.
Rates and standards card index for making estimates. S. Aristov. Ekon. stroi. no. 5 31-37 My '61.

BUILDING—FIRES AND FIRE PREVENTION
Fire in a construction work enclosure. V. Marinkevich. Pozh. delo 7 no. 6 26 Je '61.

BUILDING—STUDY AND TEACHING
Rakovich, G. M., B. B. Panich, and V. I. Erdakov. [Engineering mechanics; a program, tasks for control operations, and brief instructions for fulfilling them for construction engineering students in correspondence schools of technology and their branches] Tekhnicheskaia mekhanika; programma, izdaniia dlia kontrol'nykh rabot i kratkie ukazaniia k ikh vypolneniiu dlia uchashchikhsia stroitel'nykh spetsial'nostei zaochnykh tekhnikumov i otdelenii. Moskva, Gos. izd-vo "Sovetskaia nauka," 1957. 106 p.

BUILDING—TECHNOLOGICAL INNOVATIONS see subdivision under Leningrad

BUILDING—TOOLS AND IMPLEMENTS
Kessel', N. K., and others. [Equipment and devices for assembling structural elements] Oborudovanie i prisposobleniia dlia montazha stroitel'nykh konstruktsii. Minsk, Redaktsionno-izdatel'skii otdel BPI im. I. V. Stalina, 1960. 48 p.

BUILDING, BRICK
The strength of walls made of vibrated brick panels. S. Sementsov. Na stroi. Ros. no. 3 26-29 D '60.

BUILDING, UNDERGROUND see Underground construction

BUILDING MACHINERY

From the foreign periodical press. Gidr stroi. 31 no. 6,64 Je '61

From the pages of magazines Stroi.i dor. mash. 6 no 5,39-10 My '61.

In the Technical Council of the Ministry. Zhil.-kom. khoz 11 no. 1:33 Ap '61.

Machine life gauges and their value in practice. K P. Chudakov Stroi i dor mash 6 no. 5:21-23 My '61

May Day is the international workers' holiday. Stroi.i dor. mash. 6 no. 5:1 My '61

Mechanization of building operations and utilization of machines during 1960. Mekh. stroi. 18 no. 4 27-28 Ap '61.

Mechanization of plastering operations. A Hodzha-Dinatov Prom. Arm 4 no 4 27-28 Ap '61

New building machines and tools. Sel'. stroi. 15 no. 4: 18-19 Ap '61.

New machinery and equipment. K. Privalovskii. Sel'. stroi 16 no. 5:18-19 My '61.

New machinery and equipment. Na stroi. Ros. no. 1:3 of cover Je '61

New machines Stroi i dor. mash 6 no 5:34-35 My '61.

New machines and equipment. Na stroi. Ros. no. 2:3 of cover F '61

Series of machines for erecting the underground part of buildings. A. Kozlovskii, G. Shteling. Stroi. i arkhit. Mosk. 16 no. 4:12-15 Ap '61.

BUILDING MACHINERY—BIBLIOGRAPHY see Bibliography—Building machinery

BUILDING MACHINERY—MAINTENANCE AND REPAIR see subdivision under Leningrad

BUILDING MACHINERY INDUSTRY—TECHNOLOGICAL INNOVATIONS
(see also subdivision under Voronezh)

Road and bridge-building efficiency promoters and inventors. A. P. Kalashnikova Gor khoz. Mosk 35 no. 5: 38-40 My '61.

BUILDING MATERIALS
(see also subdivision under Stalingrad; Ukraine)

Akademiia stroitel'stva i arkhitektury SSSR. Institut stroitel'nykh konstruktsii. [Building elements using plastics abroad and prospects for their use in the U. S. S. R.] Stroitel'nye konstruktsii s primeneniem plastmass za rubezhom i perspektivy ikh primeneniia v SSSR. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 151 p.

Effect of technological factors on the formation of the porous structure of structural ceramic. A. S. Berkman, I. G Mel'nikova Stroi mat. 7 no. 5,34-37 My '61.

Elements using plastics. A. Gubenko. Na stroi. Ros. no. 4 14-16 Ap '61.

Foamed polyurethan sheets. G. Shonorov, V. Sidorov. Na stroi. Ros no. 4:31 Ap '61.

High-strength air-entrained silicate. I. T. Kudriashev, E. P. Sidorov. Bet. i zhel.-bet. no. 5:219-220 My '61.

Krapotov, V. N. [Building and finishing materials] Stroitel'nye i otdelochnye materialy. Moskva, Gos. izd-vo "Vysshaia shkola," 1960. 311 p.

Large-scale cementless vibrated ceramic blocks and panels. K. E. Gorkinov, V. T. Prozhora. Stroi mat. 7 no. 5:3-6 My '61.

Using scoriae of the Avan and Karmrashen deposits as building materials. V. Saakian. Prom Arm 4 no. 1: 10-14 Ja '61.

BUILDING MATERIALS—FROST DAMAGE

Criticism of Powers' thesis. G. G. Eremeev. Bet. i zhel.-bet. no. 5:234-235 My '61.

BUILDING MATERIALS—TRANSPORTATION

Nikitin, N. A. [Organizing centralized transfers of building freight] Organizatsiia tsentralizovannykh perevozok stroitel'nykh gruzov. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 56 p. (Obmen tekhnicheskim opytom avtotransportnykh predpriiatii)

Novodvorskii, V. V., and L. G. Bitman. [Horizontal and vertical conveyance of materials in housing construction] Gorizontal'nyi i vertikal'nyi transport materialov v zhilishchnom stroitel'stve. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 144 p.

BUILDING MATERIALS INDUSTRY
(see also subdivision under Armenia; Kuban; Kuybyshev; Leningrad; Moscow; Murmansk; Zvenigorod District)

In celebration of the 22d Congress of the CPSU. Stroi. mat. 7 no. 5:1-2 My '61.

BUILDING STONES
(see also subdivision under Buryat-Mongolia)

Increasing the durability of stone facing of buildings. Z. Atsagertsian. Prom. Arm. 4 no. 1:55-59 Ja '61.

BUILDING STONES—CLASSIFICATION see subdivision under Armenia

BUILDING TRADES—STUDY AND TEACHING

Zaviazhin, N. M., and M. I. Osipov. [Methods manual for the teachers of the construction and trade schools; for the painter and finisher groups] Metodicheskoe posobie prepodavateliam stroitel'nykh i remeslennykh uchilishch, dlia grupp maliarov-otdelochnikov. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 163 p.

BUILDINGS—HEATING AND VENTILATION

New heating and ventilation devices. Zhil.-kom. khoz. 11 no 4:33 Ap '61

BUILDINGS, PLASTIC
(see also subdivision under Leningrad)

Air-filled structural elements. P. V. Aleksandrov Prom stroi 39 no 4:56-61 '61

Air-supported grain barn. Na stroi. Ros. no. 3:37 D '60.

BUILDINGS, PREFABRICATED
(see also subdivision under Moscow)

House made of prefabricated room elements F. B. Shutskii. Transp. stroi. 11 no 5.27-29 My '61

Houses made of three-dimensional bearing elements with free planning of apartments. S. Kvashnin-Samarin. Na stroi. Ros no. 3 34-36 Mr '61.

Plan of an experimental house made of three-dimensional elements. L. Kh. Rabinovich. Stroi. i arkhit. Len. 23 no. 6:8-11 Je '61.

Prefabricated bathroom units for series ii-32 apartment houses. V. Shevchenko, V. Rylko, F. Itkigson. Stroi. i arkhit. Mosk. 16 no. 4 24-27 Ap '61.

Residential and public buildings made from three-dimensional elements. A. Karagin. Na stroi. Ros no. 1 14-15 Ja '61.

Transformer substation made of three-dimensional elements. G. Kalinin. Stroi. i arkhit. Len. 23 no. 6: 37 Je '61.

BUILT-IN FURNITURE

Built-in equipment for apartments in completely precast buildings. O. Bykovskii. Stroi. i arkhit. Mosk. 16 no. 4:31-34 Ap '61.

BUKHARA—CULTURE

From the history of cultural development in Bukhara, 1925-1932 N Rakhmanov. Obshchestv nauki v Uz no 4 23-29 '61

BUKHARA—GLAZES

New addition to the museum attached to the Archaeology Department of the Historical Faculty of the Moscow University G F. D Sov. arkheol 5 no 2:326 '61

BUKHARA—HANDICRAFT

Handicrafts in the Bukhara Khanate in the 16th and 17th centuries M IU. Uldashev Obshchestv nauki v Uz. no 4 30-36 '61

BUKHTARMA VALLEY—ORE DEPOSITS

Petrographic, mineralogical and genetic characteristics of metamorphic ore-bearing rocks in the region of the lower Bukhtarma River P. V. Inshin. Trudy Alt GMNII AN Kazakh SSR 9 55-63 '60.

BUKOVINA—BEECH

Types of beech forests in Chernovtsy Province. B. F. Ostapenko. Izv. vys. uchеb. zav., les. zhur. 4 no. 2 8-9 '61.

BUKOVINA—ZOOLOGY

"Animal kingdom of Soviet Bukovina; transactions of the expedition for comprehensive study of the Carpathians and the Carpathian Mountain region," vol 7. Reviewed by N. N. Lashmanova. Zool. zhur. 40 no. 6:940-952 Je '61

BULGARIA—AGRICULTURE—STUDY AND TEACHING

Work training in rural schools of Bulgaria. S. IAnev. Nar. obr. no. 6:103-104 Je '61.

BULGARIA—ARMED FORCES—PARTY WORK

Communists of the Armed Forces at the forefront of socialist competition. N. Sumkov. Komm. Vooruzh. Sil 1 no. 14:81-85 Jl '61.

BULGARIA—BEECH

Characteristics of brown mountain forest soils and beech forests in the "Petrokhansoe ushchel'e" Forest Working Circle. D. I. Popazov, D. I. Gorelkov. Dokl. TSKhA no. 60.149-156 '61.

BULGARIA—BIBLIOGRAPHY

[New literature on European people's democracies and Slavic studies: Bulgaria.] Nov. lit. po evrop. stran. nar. dem. i slav.; Bolg. nos. 4-5 '61.

BULGARIA—CHARIOTS

A new find of antique chariots in Bulgaria I Benediktov. Sov. arkheol. 5 no 2:247-249 '61.

BULGARIA—CRIMINAL LAW

Gel'fer, M. A., ed. [People's Republic of Bulgaria. Translated from the Bulgarian] Narodnata Respublika Bolgariia. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 191 p. (Ugolovnoe zakonodatel'stvo zarubezhnykh sotsialisticheskikh gosudarstv)

BULGARIA—FOREST SOILS

Characteristics of brown mountain forest soils and beech forests in the "Petrokhansoe ushchel'e" Forest Working Circle D I Popazov, D. I. Gorelkov Dokl TSKhA no 60 148-156 '61

BULGARIA—HYDROELECTRIC POWER STATIONS

Water-power construction in the Bulgarian People's Republic. S. Nikolov. Gidr. stroi 31 no. 6 48-55 My '61.

BULGARIA—PEPPERMINT

Investigation of some factors bearing on the quality of Bulgarian peppermint oil (from "Parfumerie, cosmetique, savons," 3, no. 3, 1960). E I. Blekherova. Masl.-zhir. prom 27 no. 6 43-15 Je '61.

BULGARIA—PLANT QUARANTINE

Plant quarantine in the People's Republic of Bulgaria. Ivan Dikov Stolanov. Zashch. rast. ot vred i bol. 5 no. 1:43-45 Ja '60.

BULGARIA—SEASIDE RESORTS

At the very shore of the Black Sea. Al. Taran. Vokrug sveta no. 6:29-32 Je '61.

BULGARIAN LITERATURE—PERIODICALS

Nos. 1 and 2 of "Literaturna misul" for 1961. Vop. lit. 5 no. 6 233 Je '61.

BULKHEADS (NAVAL ARCHITECTURE)

Hermetic sealing of ship holds O G Nikol'skii, A G. Petrunia. Sudostroenie 27 no 6 57-59 Je '61

BULLDOZERS

The BMT-3 small bulge bulldozer. A. I. Efremov Biul.-tekh.-ekon. inform. no. 5 71-72 '61

BULLS

Comparative methods for evaluating hereditary features of sires on the basis of pedigree. M A Kravchenko, B M Benehis Visnyk sil'hosp nauky 4 no 7 70-77 Jl '61.

BUMBLEBEES
(see also subdivision under Tuva Autonomous Province)

"Bumblebees" [in English] by J. B. Free, C. G. Butler. Reviewed by D. M. Shteinberg. Ent. oboz. 40 no. 2. 482-483 '61.

BUOYS see subdivision under Italy

BURGAS—HISTORICAL MUSEUMS

The complete set of "Iskra" in the city of Burgas. G Gorov. Vop ist KPSS 5 no. 3:162-163 '61

BURIAL see subdivision under Donets Valley
Europe, Eastern

BURMA—ECONOMIC CONDITIONS

Vasil'ev, I. V. [State capitalism in present-day Burma] Gosudarstvennyi kapitalizm v sovremennoi Birme. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 169 p.

BURMA—POLITICS AND GOVERNMENT

Chiang Kai-shek followers have no place on Burmese soil A Kushnir. Az. i Afr. seg no. 5,51-52 My '61.

BURNERS

Kist'iants, L. K., and others. [Design of burners and spray burners for heating furnaces] Konstruktsii gorelok i forsunok dlia nagrevatel'nykh pechei. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 43 p.

BURNS AND SCALDS

Changes in sensitivity to various anesthetics following burn injuries. V. A. Konstantinov. Pat. fiziol., eksp. terap. 5 no. 3 72 My-Je '61

Modification of skin proteins after thermal burns [with summary in English]. V. V. Oppel'. Vop. med. khim. 7 no. 2:172-178 Mr-Ap '61.

BURYAT LANGUAGE—TERMS AND PHRASES

The Soviet Buryat good will expressions ("iuroly"). M. P. Khamaganov. Trudy Kiakht. muz. kraeved. 17 no 1,3-35 '59.

BURYAT-MONGOLIA—ARCHAEOLOGY

Report on the archaeological work conducted by the Kyakhta Geographical Museum during the summer of 1957. N. N. Mamonova. Trudy Kiakht muz. kraeved. 17 no. 1:97 '59.

BURYAT-MONGOLIA—BUILDING STONES

"Sakhiurt" means spark. V. Agranovskii. IUn. tekh. 5 no. 3:13-14 Mr '61.

BURYAT-MONGOLIA—COAL GEOLOGY

Facies types of coal accumulation in the Buryat A. S. S. R. L. P. Nefed'eva. Izv. AN SSSR Ser. geol. 26 no. 6:32-44 Je '61.

BURYAT-MONGOLIA—COMMUNITY CENTERS

Work of the Buryat club establishments during the years of the first postwar five-year plan, 1946-1950. S. Maksanov. Trudy Kiakht. muz kraeved. 17 no. 1:51-87 '59

BURYAT-MONGOLIA—EDUCATION

Andreev, V. I. [School education among the Buryats in the second half of the 19th century] Shkol'noe obrazovanie u buriat vo vtoroi polovine XIX veka. Irkutsk, Irkutskii obl. in-t usovershenstvovaniia uchitelei, [1958] 135 p.

BURYAT-MONGOLIA—REVOLUTION, 1917-1921

Bazheev, D. G. [The Communist Party as the organizer and inspirer of the guerrilla movement in Buryat-Mongolia] Kommunisticheskaia partiia - organizator i vdokhnovitel' partizanskoi bor'by v Buriatii. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1960, 173 p.

BURYATS

Khangalov, M. N. [Collected works] Sobranie sochinenii. Ulan-Udo, Buriatskoe knizhnoe izd-vo.
Vol. 2. 1959. 442 p.

BUSINESS MATHEMATICS—TABLES

Aaatiani, L. G. [Arithmetical tables for economic calculations in lieu of a computing machine] Arifmotablitsy; tablitsy dlia ekonomicheskikh raschetov vzamen arifmometra. Izd. 2, perer. Moskva, Izd-vo Akad. nauk SSSR, 1961, 1076 p.

BUSINESS PSYCHOLOGY see Psychology, Industrial

BUTADIENE

Conjugates systems. Part 138: Addition of alkyl hypobromites and alkyl hypoiodates to α-tert-butylbromopiene. I. A. Maretina, A. A. Petrov. Zhur. ob. khim. 31 no. 6:1851-1855 Je '61.

Crystallinity of the hydrogenation products of cis-1, 4-polybutadiene [with summary in English]. B. I. Tikhmirov, IA. I. IAkubchik, I. A. Klopotova. Vysokom. soed. 3 no. 3:486 Mr '61.

Diene syntheses with divinyl sulfur-containing dienophiles. M. F. Shostakovskii and others. Zhur. ob. khim. 31 no. 6:2070-2080 Je '61.

Haloarylation of unsaturated compounds with aromatic diazo compounds. Part 13: Synthesis of some 1, 4-diarylbutadienes by the direct arylation of α-arylbutadienes with aryldiazonium chlorides. A. V. Dombrovskii, N. I. Ganushchak. Zhur. ob. khim. 31 no. 6, 1898-1901 Je '61.

1, 4-Diphenyl-1, 3-butadiene of high purity. L. A. Mikhailova, I. S. Markovich. Trudy IREA no. 22, 128-129 '58.

Perfluorobutadiene in the diene synthesis reaction. R. M. Riazanova, I. M. Dolgopol'skii, A. L. Klebanskii. Zhur. VKHO 6 no. 3:356-357 '61.

Polymerization of butadiene and piperylene mixtures. I. A. Livshits, S. I. Il'ina, V. N. Reikh. Kauch. i rez. 20 no. 7:1-4 Jl '61.

Polymerization of 2-ethyl-1, 3-butadiene (with summary in English). I. A. Livshits, L. M. Korobova. Vysokom. soed. 3 no. 6:891-897 Je '61.

BUTADIENE—DIPOLE MOMENTS

Investigation in the field of conjugate systems. Report No. 125: Dipole moments of some α-alkyl-β-halobutadienes. A. A. Petrov, K. S. Mingalova, I. A. Maretina. Trudy LTI no. 60:75-77 '60.

BUTANE

Pharmacology of the ganglion-blocking agent heptamine [with summary in English]. TS. A. Kharkevich. Farm. i toks. 24 no. 2:156-160 Mr-Ap '61.

BUTENE

Catalytic hydrocondensation of carbon monoxide with olefins and their hydropolymerization under the action of carbon monoxide and hydrogen. Report 31: Behavior of 2-methyl-1-butene and 3, 3-dimethyl-1-butene in hydrocondensation catalysts. IA. T. Eidus and others. Izv. AN SSSR, Otd. khim. nauk no. 6:1127-1134 Je '61.

1886
hool,
v.

BUZZARDS see subdivision under Caspian Sea region

BYLINOV, ALEKSANDR

A book of romanticists ("Password DP-3" by Aleksandr Bylinov. Reviewed by I. Khvylia) Sov. Ukr. 10 no. 2 174-177 F '60.

BYRON, GEORGE GORDON NOEL BYRON, 1788-1824

Motifs of the national liberation struggle of enslaved peoples in the second canto of Byron's "Childe Harold's Pilgrimage." F. B. Sokolets. Dosl. z lit. ta mov. no. 1: 84-95 '60.

BYSHEV DISTRICT—DISEASES—REPORTING

Study of morbidity among the rural population [with summary in English]. R. U. Zhuravel'-IAkobson. Sov. zdrav. 19 no. 3:12-16 '60.

BYSTROV, ALEKSEI PETROVICH, 1899-1959

In memory of Aleksei Petrovich Bystrov. IU. V. Bukin, IU. A. Orlov, A. A. Smirnov. Arkh. anat. gist. i embr. 38 no. 2:121-124 F '60.

BYSTRYTSA VALLEY—STONE AGE

Discovery of the Svidria site in Rumania and problem of the southern relations and dates of the Svidria Culture. A. A. Formozov. Sov. arkheol. 5 no. 1:268-270 '61.

BYZANTINE EMPIRE—FEUDALISM

Basic controversial problems in the early history of Byzantine feudalism [with summary in English, p. 722] D. L. Lipshits. Vop. ist. no. 6:96-111 Je '61.

BZYB' VALLEY—COAL GEOLOGY

Lithology of the coal-bearing series and adjacent sediments in the area of the Bzyb' coal deposit. I. D. Checheleshvili. Trudy AN Gruz. SSR Min. i poln. ser. 5 148-178 '61.

CABBAGE

Pelleting cabbage seeds. S. I. Shunichev. Dokl. TSKhA no. 59:53-59 '60.

CABBAGE—DISEASE AND PEST RESISTANCE

Role of phenolic compounds in the resistance of cabbage to Botrytis cinerea. B. A. Rubin, T. M. Ivanova, M. A. Davydova. Biokhim. pl. i ovoshch. no. 6 77-95 '61.

CABBAGE MAGGOT

Factors governing seasonal cycles of development in the beet leaf miner Pegomyia hyosciami Panz. and the cabbage maggot Hylemyia brassicae Bouche (Diptera, Anthomyidae) [with summary in English]. Sh. M. Zabirov. Ent. oboz. 40 no. 2:275-281 '61.

CABLES
(see also subdivision under Moscow)

Method of locating damages in the cable of remote-controlled instruments at sea. M. M. Bogorodskii. Meteor. i gidrol. no. 7:38-39 Jl '61.

CABLES, ELECTRIC see Electric cables

CADMIUM

Cadmium ratios for Ag^{107} and Ag^{109}. IU. F. Romanov, K. A. Petrzhak, M. A. Bak. Trudy Radiev. inst. AN SSSR 9:64-66 '59.

Determining the effect of a small admixture of cadmium on the volume and edge diffusion of cadmium into copper. A. L. Revo. Ukr. fiz. zhur. 6 no. 1:143-144 Ja-F '61.

CADMIUM—ANALYSIS

Methods of determining the impurities in high purity metallic cadmium. P. V. Marchenko and others. Zav. lab. 27 no. 6:638-639 '61.

CADMIUM—ELECTRIC PROPERTIES

Effect of conditions of growth on certain physical properties of mixed CdS-CdSe single crystals. N. I. Vitrikhovskii, I. B. Mizetskaia. Fiz. tver. tela 3 no. 5:1581-1586 My '61.

CADMIUM—METALLURGY

Preparation of high-purity cadmium by the method of zone melting. A. M. Mochalov. Trudy Alt. GMNII AN Kazakh. SSR 9:233-237 '60.

CADMIUM BROMIDE

Fusibility diagram of a ternary system of potassium bromide, cadmium bromide, and lead bromide. I. I. Il'iasov, S. D. Dionis'ev, A. G. Bergman. Zhur. neorg. khim. 5 no. 3:664-667 Mr '60.

CADMIUM CHLORIDE

Interaction in the systems: $CdCl_2 - ZnCl_2$ - Al and $CdCl_2$ - TlCl - Al. A. P. Palkin, G. G. Korotkikh, N. B. Vlasenko. Zhur. neorg. khim. 5 no. 3:637-641 Mr '60.

CADMIUM COMPOUNDS

Complex compounds of cadmium with ethanolamine, diethanolamine, and triethanolamine. P. K. Migal', A. N. Pushnink. Zhur. neorg. khim. 5 no. 3:610-614 Mr '60.

Nitro complexes of lead and cadmium. V. F. Toropova, F. M. Batyrshina. Izv. vys. ucheb. zav.; khim. i khim. tekh. 4 no. 1:11-16 '61.

CADMIUM SELENIDE

Spectral dependence of the field effect in CdS and CdSe single crystals. N. I. Holynna, L. V. Liashenko, M. K. Sheinkman. Ukr. fiz. zhur. 6 no. 2:281-284 Mr-Ap '61.

CADMIUM SELENIDE—ELECTRIC PROPERTIES

Effect of conditions of growth on certain physical properties of mixed CdS-CdSe single crystals. N. I. Vitrikhovskii, I. B. Mizetskaia. Fiz. tver. tela 3 no. 5:1581-1586 My '61.

Spectral dependence of changes in the surface potential of CdSe caused by illumination. L. P. Strakhov. Fiz. tver. tela 3 no. 5:1612-1613 My '61.

CADMIUM SULFATE

Preparation of cadmium sulfate, zinc sulfate, and zinc oxide of high purity. I. I. Angelov, G. N. Piatnitskaia. Trudy IREA no. 22:155-158 '58.

CADMIUM SULFIDE

Recording of X radiation by means of CdS photovaristors. O. Z. Zhmuds'kyi, I. IA. Kucherov, V. I. Shylanovs'kyi. Ukr. fiz. zhur. 6 no. 2:278-281 Mr-Ap '61.

Spectral dependence of the field effect in CdS and CdSe single crystals. N. I. Holynna, L. V. Liashenko, M. K. Sheinkman. Ukr. fiz. zhur. 6 no. 2:281-284 Mr-Ap '61.

CADMIUM SULFIDE—ELECTRIC PROPERTIES

Some characteristics of the photo- and X-ray conductivity of CdS single crystals [with summary in English]. I. D. Konozenko, S. V. Sviechnykov, V. N. Chala. Ukr. fiz. zhur. 6 no. 2:207-212 Mr-Ap '61.

CADMIUM SULFIDE CRYSTALS

Investigating the decay time of a photocurrent in CdS single crystals at various temperatures and lighting conditions [with summary in English]. A. P. Trofimenko, N. A. Fedorus. Ukr. fiz. zhur. 5 no. 1:12-25 Ja-F '60.

CADMIUM TELLURIDE—OPTICAL PROPERTIES

Optical properties of CdTe. G. B. Dubrovskii. Fiz. tver. tela 3 no. 5:1305-1309 My '61.

CAFFEINE

Effect of caffeine and strychnine on the heteroergic Shwartzman's phenomenon. B. D. Stanchev, TS. Takeva. Zhur. mikrobiol. epid. i immun. 32 no. 1:129-133 Ja '61.

Study of the solubility of medicinal substances. Part 4: Influence of the nature of an inorganic cation on the solubility of benzoic acid and caffeine. V. P. Bustakov, O. P. Brazhnikova. Farmatsev. zhur. 16 no. 3:28-30 '61.

CAIRO—CONGRESSES

Congress devoted to the centennial of the Egyptian Institute. E. A. Belinov. Vest. AN SSSR 31 no. 6:83-84 Je '61.

CAIRO—THEATER

National theater of the Egyptian region of the United Arab Republic. G. Krapiva. Az. i Afr. segi. no. 5: 48 My '61.

CAISSONS

Using caisson semidocks to expose the underwater part of SRT type boats. E. L. Mar'iasin, G. N. Finkel'. Ryb. khoz. 37 no. 4:48-53 '61.

CALCITE
(see also subdivision under Sikhote-Alin' Mountains)

Effect of surface-active substances on the rate of solution of calcite in acids. E. A. Kanevskii, V. A. Pchelkin. Kin. i kat. 2 no. 2:188-191 Mr-Ap '61.

CALCIUM

Conductometric determination of calcium in natural waters. L. N. Bogusevich. Gidrokhim. mat. 32:184-191 '61.

CALCIUM—ANALYSIS

Complexometric determination of calcium in rocks with the hydronil indicator. E. S. Kruchkova, I. S. Mustafin. Zav. lab. 27 no. 6:668-669 '61.

CALCIUM—PHYSIOLOGICAL EFFECT

Effect of chalk and sodium bicarbonate on strontium deposition in the organs and tissues of sheep. R. N. Odynets and others. Izv. AN Kir. SSR. Ser. biol. nauk 2 no. 6:53-67 '60.

CALCIUM—SPECTRA

Quantitative spectral analysis of vulcanizates in the ultraviolet. V. N. Gulimov, I. P. Martiukhina. Kauch. i rez. 20 no. 6:36-37 Je '61.

CALCIUM CARBIDE
(see also subdivision under United States)

Device for burning-through bars. Prom. Arm. 4 no. 3: 44-45 Mr '61.

Temperature measurement of calcium carbide poured from a furnace. M. A. Vapnik. Khim. prom. no. 5 413-416 Je '61.

CALCIUM FLUORIDE
Method of preparation of high-grade finely dispersed calcium fluoride as a heat-resistant filler for special rubbers. M G Gabrielova. Zhur VKHO 6 no 3 352-353 '61

CALCIUM IN THE BODY
Bromine, potassium, and calcium metabolism in leprosy patients [with summary in French]. R A Trapezontseva, Kh A, Vesnolovskaia Sbor nauch. rab po lepr. i derm. no 13:29-42 '59

CALCIUM METABOLISM
Effect of hypothermia on the development of experimental nephrocalcinosis in rats. O S Glozman and others Arkh. pat 23 no. 4 37-42 '61.

CALCIUM PEROXIDE
Mechanism of the transformation of $CaO_2 \cdot 2H_2O_2$ into $Ca(O_2)_2$. I. I. Vol'nov, V N. Chamova. Zhur neorg. khim. 5 no 3 522-523 Mr '60.

CALCIUM SULFATE
Isotherm of the system $MgSO_4 - CaSO_4 - H_2O$ at 25 C. A S Kolozov Trudy Khim.-met inst. Zap.-Sib fil AN SSSR no. 12-29-36 '58

CALCIUM SUPEROXIDE
Mechanism of the transformation of $CaO_2 \cdot 2H_2O_2$ into $Ca(O_2)_2$. I I. Vol'nov, V. N. Chamova Zhur neorg. khim. 5 no. 3.522-523 Mr '60.

CALCULATING MACHINES
VK-1 computer and "Felika" adding machine G. N Kozlov. Gend. i kart no 5 61-62 My '61.

CALCULUS
Natanson, I. P. [Summation of infinitesimal quantities] Summirovanie beskonechno malykh velichin. Izd. 3., ispr. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1960. 54 p. (Populiarnye lektsii po matematike, no. 12)

CALENDAR
Butkevich, A. V., V. N. Gan'shin, and L. S. Khrenov. [Time and the calendar] Vremia i kalendar'. Pod obshchei red. L. S. Khrenova. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 117 p.

CALIBRATION
Error in the calibration of noise generators dependent on reflections. L. A. Birger. Trudy inst. Kom. stand., mer i izm. prib. no. 40 40-53 '60

CALLISTHENICS
(see also subdivision under Ukraine)
Appraising the physical preparedness of employees taking industrial callisthenics. V. D. Maznichenko. Teor. i prak. fiz. kul'. 23 no. 5:365-367 '60.
Classification of the kinds of conveyor work in relation to the aims of factory callisthenics. K V. Popova. Teor. i prak fiz. kul'. 24 no. 6 455-456 '61.
Follow-up of the medical supervisory observations of employees engaged in industrial callisthenics. N. V. Savina Teor. i prak. fiz. kul'. 23 no. 9.660-661 '60.
Individual callisthenics breaks. K. V. Popova. Teor. i prak. fiz. kul'. 23 no. 10:763-764 '60.
Introducing work callisthenics on tea plantations A. V Dokvadze Teor. i prak. fiz. kul'. 23 no 12 936-940 '60
Pedagogical analysis of factory callisthenics. I. V. Lovitskaia. Teor. i prak. fiz. kul'. 24 no. 6:452-454 '61.
Sets of exercises in industrial callisthenics for workers in metalworking plants. G. K. Baranov. Teor. i prak. fiz. kul'. 23 no. 5:368-372 '60.
Shlemin, A. M. [Callisthenics in sports] Sportivnaia gimnastika. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1961. 210 p.
Terminology of industrial callisthenics. M. F. Anulova. Teor. i prak. fiz. kul'. 23 no. 10:764-767 '60.
Work practices of a methodological unit for industrial callisthenics. D. A. Volodarskii. Teor. i prak. fiz. kul'. 23 no. 9:664-665 '60.

CALORIMETERS
Microcalorimeter for measuring microwave power. A. I. Brodskii Trudy inst. Kom stand., mer i izm prib. no 48-54-62 '60.

CALORIMETRY
Determination of the correction for the thermal inertia of the calorimeter in calorimetric measurements of radioactive preparations. N. S. Shimanskaia. Trudy Radiev. inst. AN SSSR 9:126-130 '59.
Role of physicochemical processes in calorimetric measurements of radioactive substances. N. S. Shimanskaia. Trudy Radiev. inst. AN SSSR 9:131-133 '59.

CALVES
Body temperature of young calves. A. I. Bespalov. Dokl. TSKhA no. 61:215-221 '61.

CALVES—DISEASES AND PESTS
Biochemical characteristics of blood serum during dyspepsia in newborn calves. V. K. Chernukha. Visnyk sil'hosp. nauky 4 no. 5:120-121 My '61.

CAMERAS
(see also subdivision under Germany, East)
Answering readers' queries. Sov. foto 21 no. 6:34-35 Je '61.
New cameras. V. Putintsev. Sov. foto 21 no. 6:28-29 Je '61.
"Zenit" camera with a bayonet lock. D. Lugov'er. Sov. foto 21 no. 6:32-33 Je '61.

CAMEROONS, BRITISH
The fate of the British Cameroons. K. Teplov. Nov. vrem. 19 no. 27.13 Jl '61.

CAMOUFLAGE (MILITARY SCIENCE)
Camouflaging trucks, from the foreign press A Belokon' Tyl i snab Sov Voor Sil 21 no 3-93-94 Mr '61.
Placement and camouflage of rear echelon units I. Medvedev Tyl i snab. Sov. Voor. Sil 21 no 2 44-47 F '61

CAMPS
(see also subdivision under Kasimov, Ryazan Province)
After a strenuous school year S Sergeev Vest vys shkoly 19 no 6 95-96 Je '61.
Let's create conditions for good vacations for our students. B V. Kovalev Vest vys. shkoly 19 no 6 60-61 Je '61.

CANADA—COMMUNIST PARTY—CONGRESSES
Communist Party of Canada. Congress, 16th, Toronto, 1959. [Sixteenth National Congress of the Communist Party of Canada, Toronto, October 9-12, 1959] XVI Natsional'nyi s"ezd Kommunisticheskoi partii Kanady, Toronto, 9-12 oktiabria 1959 g. Moskva, Gos. izd-vo polit. lit-ry, 1961. 125 p. (Dokumenty i materialy zarubezhnykh kommunisticheskikh i rabochikh partii)

CANADA—HISTORY
"The founding of Canada; beginning to 1615" [in English] by S. B. Ryerson Reviewed by A. I Konovtsev Vop ist. no. 6,167-170 Je '61.

CANADA—LUMBERING—MACHINERY
"Vita" combined logging unit. IU. G. Artamonov. Les. prom. 39 no. 5:28 My '61

CANADA—RUBBER, SYNTHETIC
Production of synthetic rubber at the "Polymer Corporation" (Canada). T. V. Bashkatov. Kauch. i rez. 20 no. 7: 61-62 Jl '61.

CANADA THISTLE see Thistle, Canada

CANALS
Complete utilization of water resources and new waterways. Z. Shashkov. Rech. transp. 20 no. 6:27-30 Je '61.
First years of using the Verkhne-Karabakh Canal; influence of the canal water on the underground waters. G. Israfilov. Uch. zap. AGU. Geol.-geog. ser. no. 2. 55-63 '59.
From Volga River to the Baltic Sea. N. Bolgarov. IUn. tekh. 5 no. 3:30-32 Mr '61.

CANCER
(see also subdivision under Tajikistan)
Characteristics of the effect of radiation of Ehrlich's ascitic carcinoma with reference to the problem of protection [with summary in English]. E. N Tolkacheva Biofizika 4 no. 5:567-573 '59
Chromatographic investigation of the blood in malignant neoplasms [with summary in English]. L. N. Kuzmenko, M. D. Podil'chak, D. A. Makar. Vrach. delo no. 4: 70-75 Ap '61.
Electrophoretic changes in proteins and lipoproteins of the blood serum in malignant neoplasms. G. S Atamanov, N. V. Saperov. Sov. med. 25 no. 5:80-86 My '61.
Hyaluronidase activity of the blood in leukosis, lymphogranulomatosis, and cancer. V. K. Kukhta. Probl. gemat. i perel. krovi 6 no. 4:33-37 Ap '61.
Rapid method for the in vitro detection of injured and dead cells of Ehrlich's carcinoma [with summary in English]. B. E. Aizenman, and others. Antibiotiki 5 no. 3:97-98 My-Je '60.
Role of nutrition in prophylaxis and therapy for patients with malignant tumors. L. M. Levitskii. Vop pit. 20 no. 3.5-12 My-Je '61.
Surgical technics in remote metastatic hypernephromas [with summary in English]. E. A. TSel'. Sov. med. 25 no. 4:86-93 Ap '61.

CANCER RESEARCH
Important initiative. Antibiotiki 5 no. 3:3-4 My-Je '60.
On the threshold of an age-old secret. A. Erusalimskii, IU. Umanskii. Sov. Ukr. 11 no. 6:139-146 Je '61.

CANDIDOMYCOSIS see Monilinsis

CANNING AND PRESERVING—EQUIPMENT AND SUPPLIES
Automatic can filler. Ryb. khoz. 37 no. 4:91-92 '61.
Bucket hoist. Ryb. khoz. 37 no. 4:93-94 '61.

CANNING INDUSTRY see subdivision under Tiraspol'

CAPACITY AND DISABILITY
Social aspects of the legal capacity of Soviet citizens O A Krasavchikov Izv vys ucheb zav., prav. 4 no 1 12-25 '60

CAPILLARIES
Influence of hexamethon on capillary function in peptic ulcer. E. I. Samson. Vrach. delo no. 4:131-132 Ap '61.

CAPILLARIES—PERMEABILITY
Change in the permeability of the sanguiferous capillaries and of the fractional erythrocyte sedimentation reaction in various forms and phases of rheumatic fever in adults K. P. Efanova. Zdravookhranenie 2 no. 4.22-26 Jl-Ag '59.
Pharmacological effects on capillary resistance and their regulatory mechanisms by M Gabor. Reviewed by M. M. Nikolaeva. Farm. i toks. 24 no. 2.246 Mr-Ap '61.

CAPILLARITY
Thermal expansion of water in microcapillaries N N Fediakin Dokl AN SSSR 136 no 6-1389-1391 Je '61

CAPITAL
Peyzner, S. L. [Capital assets and production capacities of light industry] Osnovnye fondy i proizvodstvennye moshchnosti legkoi promyshlennosti. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1960. 215 p.

CAPITAL INVESTMENTS
Determining specific capital investments in oil production, a topic for discussion. D. A. Marchenko. Neft. khoz. 39 no. 4-1-6 Ap '61.
Ivanov, N. A. [Planning capital investments] Planirovanie kapital'nykh vlozhenii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 91 p. (Voprosy ekonomiki stroitel'stva)

CAPITALISM
Bunkina, M. K. [Criticism of the right-wing socialist theory of the "growth" of capitalism into socialism; based on materials of the Social-Democratic Party of Germany and the Socialist Party of Austria] Kritika pravosotsialisticheskoi teorii "vrastaniia" kapitalizma v sotsializm; po materialam sotsial'demokraticheskoi partii Germanii i sotsialisticheskoi partii Avstrii. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 76 p.
Khafizov, R. Kh. [Critique of theories of government regulation of the capitalist economy] Kritika teorii gosudarstvennogo regulirovaniia kapitalisticheskoi ekonomiki. Predisl. L. B. Al'tera. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1961. 166 p.
Moscow. Akademiia obshchestvennykh nauk. [Two economic systems of the world] Dve mirovye sistemy khoziaistva. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 410 p.
Myths and reality; the theory of the second industrial revolution. V. N. Saprykov. Nauka i zhizn' 28 no. 5: 57-63 My '61.
Varga, E. S. [20th-century capitalism] Kapitalizm dvadtsatogo veka. Moskva, Gos. izd-vo polit. lit-ry, 1961. 146 p.

CARBOHYDRASES
Polarographic modification of Bertrand's method in determining the activity of some carbohydrases [with summary in English]. I. D. Ivanov, G. A. Molodova Mikrobiologiia 30 no. 2 337-340 Mr-Ap '61.

CARBOHYDRATE METABOLISM
Anaerobic conversion of carbohydrates in myocardial tissues under normal conditions and in experimental myocarditis [with summary in English]. S. E. Severin, L. A. TSeitlin. Vop. med. khim. 7 no. 2.201-206 Mr-Ap '61.
Experimental data on the effect of 1- and 3- meal dietetic schedules on certain indicators of carbohydrate metabolism [with summary in English]. E. A. Bobkova. Vop. pit. 20 no 2 35-39 Mr-Ap '61.

CARBOHYDRATES
Effect of special diet and its individual components (proteins and carbohydrates) on myocardial function according to data from electrocardiograms of patients with coronary insufficiency [with summary in English]. V. A. Morozova. Vop. pit 20 no. 3.16-22 My-Je '61.
First International Colloquium on Carbohydrate Biochemistry in Gif-sur-Yvette, France B. N. Stepanenko and others. Biokhimiia 26 no. 3.567-568 My-Je '61.

CARBON
Conductometric determination of organic carbon in natural waters. M. P. Beisova, P. A. Kriukov Gidrokhim. mat. 32:171-183 '61.
Interaction between deutons and the C^{12} nucleus. A. P. Zhdanov, F. G. Lepekhin. Trudy Radiev. inst. AN SSSR 9:41-44 '59.
Solubility of carbon in molten metals of the fourth period. B. P. Buryiev. Izv. vys. ucheb. zav.; chern. met. 4 no. 8:5-10 '61.
Using the L. P. Krylova's method of dry combustion in determining the organic carbon in sea water. B. A Skopintsev, S. N. Timofeeva. Gidrokhim. mat. 32. 153-164 '61.

CARBON—ANALYSIS

Simultaneous determination of carbon, hydrogen, and sulfur in organic compounds A. A Ratovskaia, V M Nizhutina, F Sh. Ibragimova. Khim. sera i nzotorg. soed. v neft i nefteprod. 3:149-150 '60

CARBON—ISOTOPES

Radiometric method for quantitative determination of hippuric acid in urine [with summary in English] A A Shatalova, G I Meerov Biokhimiia 26 no 3 444-447 My-Je '61

Use of tagged atoms in studying the root nutrition of plants [with summary in English] O O Liaiin, G. R Rik Biofizika 6 no. 3:357-362 '61.

CARBON BLACK

Trapping of a highly dispersed carbon black by means of acoustic coagulation. V. P. Kurkin. Kauch i rez 20 no. 6 29-32 Je '61.

CARBON DIOXIDE

Effect of the hydrodynamic conditions on the process of chemisorption in packed towers Report No. 2. I P Slobodianik, A. G. Kasatkin, V. V. Kafarov Izv. vys. ucheb. zav ; khim. i khim. tekh. 3 no. 2 369-374 '60.

Enzymatic photoreduction of carbon dioxide. E A. Blochenko, G N. Saenko. Dokl. AN SSSR 138 no 6 1453-1455 Je '61

Pathway of carbon in chemosynthesis ; nature of the early product of chemosynthesis in hydrogen bacteria N. G Doman, A K. Romanova, Z. A Terent'eva. Dokl. AN SSSR 138 no. 6:1456-1459 Je '61.

Solubility of the mixture of carbon dioxide and hydrogen in methyl alcohol at low temperature under pressure. E. R. Shenderei, IA. D. Zel'venskii, V. P. Ivanovskii. Khim. prom. no. 5:309-312 My '61.

Speed of sound along the "vapor—liquid" phase equilibrium curve. Speed of sound propagation in saturated vapors of carbon dioxide I. I. Novikov, IU. S. Trelin. PMTF no. 2:112-115 Jl-Ag '60.

CARBON DIOXIDE—PHYSIOLOGICAL EFFECT

Vascular reaction and temperature in the uterus following inhalation of oxygen, carbogen, and ether. I. I Benedyktov. Ped., akush i gin. 23 no. 1 45-17 '61.

CARBON DISULFIDE

Electric conductivity of carbon-containing materials used in the production of carbon disulfide. Report No. 1. I. N. Agranovskii, L. I. Gallevskii. Khim volok no. 3 38-41 '61.

CARBON ELECTRODES see Electrodes, Carbon

CARBON MONOXIDE—TOXICOLOGY

Some recent data on carbon monoxide poisoning in foreign literature published in recent years B. A. Katsnel'son. Gig. i san. 26 no. 1:90-94 Ja '61.

CARBON TETRACHLORIDE

Data on the distribution of transaminases in the blood and the effect of carbon tetrachloride on their activity in animals [with summary in English]. IA. L. Hermaniuk. Ukr. biokhim. zhur. 33 no 3, 374-378 '61.

Examination of the luminescence spectrum produced by a high-intensity electric discharge in a stream of carbon tetrachloride vapors. IU. IA. Kuzinkov, V. M. Tatevskii. Izv. vys. ucheb. zav., khim. i khim. tekh. 3 no. 2. 293-294 '60.

Fermi resonance in carbon tetrachloride [with summary in English] M. P. Lyeytsis, V L Stryzhevs'kyi Ukr. fiz zhur 5 no. 1 34-39 Ja-F '60.

CARBON TETRACHLORIDE—TOXICOLOGY

Comparison of the synthesis of various antibodies in rabbits poisoned by carbon tetrachloride and mercuric chloride during simultaneous immunization with two antigens [with summary in English]. M. I. Ravich-Shcherbo, G. A Annenkov Zhur mikrobiol. epid. i immun. 31 no 8:29-35 Ag '60.

Mechanism of disorder in the protein composition of the blood of rabbits in carbon tetrachloride affections of the liver. E. P. Smolichev Arkh pat. 23 no 5 59-64 '61.

CARBONATED BEVERAGES see subdivision under Armenia

CARBONATES

Preparation of high purity alkaline earth chlorides and carbonates, sodium chloride, ammonium molyhdate, and ammonium tungstate. I. I. Angelov and others. Trudy IREA no. 22:159-162 '58

CARBONYL COMPOUNDS

Transformations of carbonyl compounds in destructive hydrogenation. F. G. Salimgareeva and others. Izv. Sib. otd. AN SSSR no. 5:115-117 '61.

CARDBOARD see Paperboard

CARDIAC ANEURYSMS

Prognosis in cardiac aneurysms [with summary in English]. O. M. Kolobutina. Sov. med. 25 no. 5:88-91 My '61.

CARDIAC ARREST see Heart failure

CARDIAC GLYCOSIDES

Action of erysimine in the treatment of cardiac insufficiency. T. A Zakharova. Zdravookhranenie 2 no. 1 32-36 Jl-Ag '59.

Characteristics of the action of strophanthin and cymarin in experimental myocardial infarct. V. V. Gatsura. Pat fiziol. i eksp. terap. 5 no. 1 66-67 Ja-F '61

New cardiac glycoside corchoroside A. A. D. Turova, A. I. Leskov. Farm. i toks. 24 no. 2:197-201 Mr-Ap '61

Pharmacotherapeutic investigation of the preparation, "kordin." A. I. Bondarenko and others. Vrach. delo no. 4:32-36 Ap '61.

Studies of the effect of certain cardiovascular drugs on the isolated cat heart. N G Polinkov. Farm i toks. 24 no 2 172-174 Mr-Ap '61.

CARDIOVASCULAR AGENTS

Hemodynamic, hemostatic, and toxic properties of Lagochilus Bge species occurring in Kirghizistan P. K Alimbaeva Izv. AN Kir. SSR, Ser biol nauk 2 no 5 87-96 '60

Pharmacology of corulin [with summary in English]. M. A Angarskaia, V. E Sokolova, IA. I. Khadzhai Farm. i toks. 24 no 2 163-168 Mr-Ap '61.

CARDIOVASCULAR SYSTEM

Fateeva, M. N. [Clinical and diagnostic use of some radioactive isotopes in the U. S. S. R.] Opyt kliniko-diagnosticheskogo primeneniia nekotorykh radioaktivnykh izotopov v SSSR. Moskva, 1955. 14 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii) (DNLM)

Influence of sulfone preparations on the cardiovascular system of leprosy patients [with summary in French] V K Loginov, N I. Efimova Sbor. nauch rab. po lepr i derm no 13:48-51 '59.

CARDIOVASCULAR SYSTEM—DISEASES

Exercise therapy in the compound treatment of polyclinic patients with cardiovascular diseases K. N Pribylov. Med. sestra no 5 16-23 My '61.

Republic conference on the problem of "Hypertension, atherosclerosis, and coronary insufficiency." V. A. Korotich. Vrach. delo no. 4, 148-150 Ap '61.

CARGO HANDLING

(see also subdivision under Gorkiy; Novorissiysk; Odessa)

Advantages and ways of organizing cargo transshipment in ports by means of railroad car interchange pools. S. Portnagin. Mor. flot 21 no. 2, 4-7 F '61.

Over-all mechanization of the transshipment of raw sugar in bags. N. Bel'deman, F. Romanovskii. Mor. flot 21 no. 1:11-13 Ja '61.

CARGO HANDLING—EQUIPMENT AND SUPPLIES

Krivopusk, P. K., and N. D. Pilhutskii. [Along the road of technical progress] Dorogoi tekhnicheskogo progressa. Moskva, Izd-vo "Morskoi transport," 1960. 78 p. (Biblioteka po obmenu opytom na morskom transporte)

Machinery for the loading and unloading of cement N. Sosunov Mor flot 21 no. 6:11-12 Je '61

Valuable manual ["Automatic control of loading and unloading equipment in harbors" by K A Egorov. Reviewed by Z Vil'ianskii, S Kitsis. Rech. transp 20 no. 6, 58 Je '61.

CAROTENE

Carotene content of yellow-fleshed potato varieties under conditions prevailing in Omsk. V. N. Ruchkin, O. N. Zotova. Biokhim. pl. i ovoshch. no. 6, 122-131 '61.

CAROTID ARTERY—DISEASES

Therapeutic results in carotid-cavernous anastomoses. F. A. Serbinenko Vop. neirokhir. 25 no 2:28-34 Mr-Ap '61

CAROTID ARTERY—RADIOGRAPHY

Carotid arteries in radiography. V. F. Vil'khovoi. Vrach. delo no. 4:100-103 Ap '61.

CAROTID SINUS—INNERVATION

Phagocytic activity of leukocytes and absorptive capacity of the reticuloendothelial system after the denervation of the carotid sinuses [with summary in English] V S. Zudin Zhur. mikrobiol. epid. i immun. 31 no. 11:89-93 N '60.

CARP

(see also subdivision under Caspian Sea; Kuban River; Mingechaur Reservoir; Proletarskaya Reservoir; Stalingrad Reservoir region)

Accumulation of the radioisotopes of strontium (89-90) and yttrium (90) in mirror carp. M. M. Telitchenko Ryb. khoz. 37 no. 5:40-43 '61.

Development of eyes and their function in lithophil cyprinoid fishes. E. A. Baburina. Trudy Inst. morf. zhiv. no. 33:111-150 '61.

Diurnal feeding periodicity of some cyprinoid fishes. V. D. Spanovskaia, V. A Grigorash. Vop. ikht. 1 no. 2:297-306 '61.

Feeding of carp on molluska [with summary in English]. G. I. Shpet Zool. zhur. 40 no 6:939-941 Je '61

Significance of the circumference index in carp selection B S Kostomarov Ryb. khoz 37 no 5 33-37 '61

CARP—DISEASES AND PESTS

Epizootiology, pathology, and treatment of sanguinicolosis in carp A M Naumova Dokl TSKhA no 61 169-174 '61

Treating breeder carp with levomycetin. A I Karaev. Ryb. khoz 37 no 5 37-39 '61

CARP—FOOD

Effect of adding cobalt and penicillin to the food ration of young carp D P Karpunin, N. P. Ushakov Dokl TSKhA no 61 163-168 '61

Effect of various feeds on the growth and development of young carp IU V Kudriashova Dokl TSKhA no 61 155-162 '61

CARP—PARASITES see Parasites—Carp

CARPATHIAN MOUNTAIN REGION—BACTERIA, SULFUR

Microbiological investigations of the sulfur beds of the Carpathian Mountain region Part 4 Investigation of the conditions of vital activity of sulfate-reducing bacteria in the subsoil waters of Rozdol [with summary in English] M V Ivanov, V N. Ryzhova Mikrobiologiia 30 no 2 280-285 Mr-Ap '61.

Microzonal distribution of oxidizing processes in sulfur ore of the Rozdol bed [with summary in English] G I Karavaiko Mikrobiologiia 30 no 2 286-289 Mr-Ap '61

CARPATHIAN MOUNTAIN REGION—FAULTS (GEOLOGY)

Outline of types of velocity zones in the Carpathian piedmont fault [with summary in English]. H I Petkevych Dop AN URSR no 5 627-630 '61.

CARPATHIAN MOUNTAIN REGION—PETROLEUM—ANALYSIS

Asphaltenes and asphategenic acids of some Carpathian oils and bitumens of Menilite shales V. T. Sklyar and others Geol. nefti i gaza 5 no 6 50-55 '61.

CARPATHIAN MOUNTAIN REGION—SEISMOLOGY

Specific features of the stressed state in earthquake foci at the bend of the Carpathian arch. A V. Vvedenskaia, L. Rupekhtova Izv. AN SSSR, Ser. geofiz. no. 7 953-955 Jl '61.

CARPATHIAN MOUNTAINS—BITUMEN

Genetic relationship between the Carpathian bitumens and their chemical characteristics I V Hrinberg Pratsi Inst. geol kor. kop AN URSR 1:37-56 '59

CARPATHIAN MOUNTAINS—GEOLOGY, STRUCTURAL

Development of the studies of the tectonics of the eastern Carpathians during the Soviet regime. O S. Vialov Pratsi Inst. geol kor kop AN URSR 1:3-28 '59

CARPATHIAN MOUNTAINS—SOIL EROSION

Erosion processes in clearcut areas of the mountain forests of the Carpathians. A. F. Poliakov. Biul. nauch.-tekh. inform. Ukr. NIILKhA no. 2:16-21 '57.

CARPATHO-UKRAINE see Transcarpathia

CARPENTER BEETLES

The Xylocopini fauna (Hymenoptera, Apoidea) of the Soviet Union. V. V. Popov, A. A. Ponomareva. Ent. obozr. 40 no. 2:393-404 '61.

CARPENTRY—TOOLS

Device for making wedges. M. Dmitriev. Stroitel' no. 5:15 My '61.

CARRIAGES AND CARTS see subdivision under Azerbaijan

CARTOGRAPHY

(see also subdivision under Poland)

Brief news. Geod. i kart. no. 6:77-80 Je '61

Cooperation in the production of cartographic works V N. Lysiuk. Geod i kart no 6 5-10 Je '61.

Krompol'skii, V. F. [Information on cartography for the map-factory worker] Pamiatka po kartografii dlia rabochego kartograficheskoi fabriki. Izd. 3., ispr. i dop. Moskva, Izd-vo geodez. lit-ry, 1961. 108 p.

Results of socialist competition among enterprises of the Main Administration of Geodesy and Cartography of the Ministry of Geology and Conservation of Mineral Resources for the first quarter of 1961. Geod i kart. no. 5, 12-13 My '61.

Toward the 22d Congress of the CPSU. Geod. i kart. no 6, 3-4 Je '61.

CARTOGRAPHY—BIBLIOGRAPHY see Bibliography—Cartography

CARTOGRAPHY—PERIODICALS

The tie between the journal and practice. M. S. Kriuger. Geod. i kart. no. 5:66 My '61

CARTOMETRY

Measuring the length of curved lines on maps by the use of optical instruments. G. I. Znamenshchikov. Izv. vys. ucheb. zav. ; geod. i aerof. no. 1:109-121 '61.

CASE HARDENING

Boron hydride coating of high alloy steels. IU. M. Lakhtin, M. A. Pchelkina. Metalloved. i term. obr. met. no. 3:27-30 Mr '61.

Carbonitriding automobile parts in a nonmuffle furnace by means of seotless carburizers V. M. Androshchuk, M. V. Soboleva Metalloved. i term. obr. met no. 7: 54-56 Jl '61

Cyaniding of steel with heating by high-frequency currents I. N. Kidin, IU. G. Andreev Izv. vys. ucheb. zav., chern. met 4 no. 5:153-161 '61

Properties of sulfidized surfaces V. S. Efremov Dokl. TSKhA no. 66:261-270 '61

Smirnov, A. V., and L. V. Belouchev. [Controlled atmospheres and their use for the heat treatment and case hardening of metals; a survey] Kontroliruemye atmosfery i ikh primenenie dlia termicheskoi i khimiko-termicheskoi obrabotki metallov, obzor. Leningrad, 1960. 74 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Serila Metallovedenie i termicheskaia obrabotka)

CASEIN

Effect of mammary denervation on the amino acid composition of goat milk casein A. G. Tananenko Fiziol. zhur. 47 no. 4:451-456 Ap '61

Fractions of casein and whey proteins in the milk of different dairy cattle breeds N. V. Baranbanshchikov Dokl. TSKhA no. 61:71-79 '61.

CASPIAN LOWLAND—GAS, NATURAL—ANALYSIS

Using the characteristics of free and dissolved gases in estimating the outlook for petroleum in the southeastern Caspian Lowland. G. E. -A. Alizenshtadt, V. P. IAkutseny. Trudy VNIGRI no. 163:571-575 '60

CASPIAN LOWLAND—PETROLEUM GEOLOGY

Petroleum occurrences in the salts of the Chelkar dome in the northern part of the Caspian Lowland V. S. Sobolev. Trudy VNIGRI no. 163:256-269 '60.

Using the characteristics of free and dissolved gases in estimating the outlook for petroleum in the southeastern Caspian Lowland G. E. -A. Alizenshtadt, V. P. IAkutseny. Trudy VNIGRI no. 163,571-575 '60.

CASPIAN LOWLAND—WATER, UNDERGROUND

Hydrodynamic ground water zones in the northwestern part of the Caspian Lowland G. IA. Bogdanov Izv. vys. ucheb. zav., geol. i razv. 4 no. 3:67-81 Mr '61.

CASPIAN SEA

Pechora River will flow into the Caspian Sea. A. M. Gilin. Nauka i zhizn' 28 no. 5:13-15 My '61.

CASPIAN SEA—CARP

Effect of starvation on the development of Rutilus frisii kutum Kamensky at the beginning of its larval period of life. K. S. Popova. Trudy Inst. morf. zhiv. no. 33:63-71 '61.

Morphological and ecological characteristics of development in Rutilus frisii kutum Kamensky. E. N. Smirnova. Trudy Inst. morf. zhiv. no. 33:3-29 '61.

CASPIAN SEA—DREDGING MACHINERY

With the Caspian Sea Basin dredging fleet. I. Golodenko. Mor. flot 21 no. 6:32-33 Je '61.

CASPIAN SEA—GRAY MULLETS

Fishing of gray mullets in the Caspian Sea with frame nets U. Konarbaev, K. U. Kubashev Ryb. khoz. 37 no. 5:65-68 '61.

CASPIAN SEA—HERRING

Physical and technical characteristics of Caspian herring. A. IA. Kashirskii. Trudy VNIRO 39:146-159 '59.

Some physical and technical indices of Caspian herring. A. A. Belousov. Trudy VNIRO 39:166-170 '59.

CASPIAN SEA—HYDROLOGY

Is it fantasy? No, it is reality [with English summary in insert]. B. Nikolaev. Az. i Afr. seg. no. 5:27-28 My '61.

Pechora - Caspian; northern rivers will flow to the south. G. L. Sarukhanov. Priroda 50 no. 7:53-57 Jl '61.

The Pechora and the Vychegda will flow into the Caspian Sea. G. Sarukhanov. Agitator no. 13:59-60 Jl '61.

CASPIAN SEA—OIL WELL DRILLING, SUBMARINE

Offshore oil fields need a uniform classification manual for laborers. I. Azimov and others. Sots. trud 6 no. 12:135-136 D '60.

CASPIAN SEA—SEALS (ANIMALS)

Caspian seal stocks and ways of their efficient utilization B. I. Badamshin Trudy sov. Ikht. kom. no. 12:170-179 '61

CASPIAN SEA—WORMS, INTESTINAL AND PARASITIC

Helminth fauna of the Caspian seal and its role in biocoenoses of the Volga Delta. IU. V. Kurochkin. Trudy sov. Ikht. kom. no. 12:233-237 '61.

CASPIAN SEA REGION—BIRDS

Finds of some birds on the southwestern coast of the Caspian Sea. V. S. Grekov. Ornitologiia no. 3:441-443 '60.

CASPIAN SEA REGION—BUZZARDS

Biology of reproduction of the eastern buzzard (Buteo rufinus rufinus Cretzmar) in the trans-Caspian region V. S. Zaletaev. Ornitologiia no. 3:302-305 '60

CASPIAN SEA REGION—GAS, NATURAL—GEOLOGY

Problem of evaluating the oil and gas potentials of the salt dome area of the northern Caspian Sea region G. E. -A. Alizenshtadt Trudy VNIGRI no. 163:233-255 '60

CASPIAN SEA REGION—GEOLOGY, STRUCTURAL

Role of meridional undulations in the structure of the Caucasus, Ciscaucasia, and the trans-Caspian region I. O. Brod. Uch. zap. AGU Geol.-geog. ser. no. 2:31-35 '59.

CASPIAN SEA REGION—HELICOPTERS

Helicopter flies over Neftyanyye Kamni Kryl. rod. 12 no. 3:17 Mr '61

CASPIAN SEA REGION—OAK

Hill planting of oak with sunflower and sorghum buffer strips on dark soils of the great depression in the semi-desert of the Caspian Sea region. S. N. Karandina, M. N. Pol'skii. Soob. Lab. lesoved. AN SSSR no. 4:70-85 '61.

CASPIAN SEA REGION—PALEOGEOGRAPHY

Latest transgression of the Caspian I. A. Volkov, B. I. Koshechkin. Trudy Lab. ozeroved. 10:12-21 '60.

CASPIAN SEA REGION—PETROLEUM GEOLOGY

Problem of evaluating the oil and gas potentials of the salt dome area of the northern Caspian Sea region, G. E. -A. Alizenshtadt. Trudy VNIGRI no. 163:233-255 '60

CASPIAN SEA REGION—PLAGUE

Elimination of natural plague foci in the northwestern Caspian regions [with summary in English]. A. K. Shishkin Zhur. mikrobiol. epid. i immun. 32 no. 5:9-15 My '61

CASPIAN SEA REGION—SEALS (ANIMALS)

Dry land seal. A. P. Vishniakov. Priroda 50 no. 7:119 Jl '61.

CASPIAN SEA REGION—SOIL FORMATION

Soil formation processes when vegetation starts growing on sands in the deserts of the northern Caspian Sea region [with summary in English]. T. F. IAkubov, R. E. Baspalova Pochvovedenie no. 6:77-86 Je '61.

CASSITERITE

Selective flotation of cassiterite with a cation collector. P. G. Verkholantsev. Izv. Sib. otd. AN SSSR no. 6:23-30 '61.

CAST IRON

Forging and press forging of cast iron. S. I. Kliuchnikov. Kuz.-shtam. proizv. 3 no. 3:19-23 Mr '61.

Preparation of cupola furnace magnesium cast iron. S. F. Gorbunov, M. M. Levitan. Lit. proizv. no. 3:1-4 Mr '61.

Vesolov, N. G., and A. S. Osintsev. [Analysis of potentialities for the reduction of the cost of cast iron] Analiz rezervov snizhenila sebestoimosti chuguna. Sverdlovsk, Gos. nauchno tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1961. 124 p.

CAST IRON—BRITTLENESS

Brittleness of cast iron containing corium. P. I. Talanov, N. I. Astafurova. Lit. proizv. no. 3:27-28 Mr '61.

CAST IRON—METALLOGRAPHY

Effect of alloying elements on the structure and properties of magnesium cast iron. K. V. Gorev, V. I. Krae[illegible] Sbor. nauch. trud. Fiz.-tekh. inst. AN BSSR no. '60.

Effect of carbon and silicon on the curves of [illegible] cast iron modified and unmodified by magne Gorev, Z. N. Proskurina. Sbor. nauch. trud. inst. AN BSSR no. 6:94-105 '60.

Effect of pig iron properties on the porosing surface of tractor liners. P. P. Luza no. 6:27-29 Je '61.

Formation of nucleus in the secondary gr. magnesium cast iron. P. Rysh. Lit. proi Je '61.

Investigating the action of ultrasonic wave ture of magnesium cast iron. K. V. Gore kurina, L. A. Shevchuk. Sbor. nauch. trud AN BSSR no. 6:82-93 '60.

Letter to the editors. V. F. Zubarev. Lit. Je '61.

Mechanism of the effect of hardening on t of white cast iron. F. K. Tkachenko. Lit. 30-32 Je '61.

CAST IRON—METALLURGY

(see also subdivision under United Stat

Effect of the phase composition of slags [illegible] of cast iron gravitation in the reduction pulp sinters. A. M. Samarin, A. V. Rud Zalesskaia. Izv. vys. ucheb. zav.; chern 20-26 '61.

Investigating technological conditions for the inoculation of cast iron with cerium alloys P. I. Talanov, N. I. Astafurova Izv. vys. ucheb. zav., chern. met 4 no. 5:177-183 '61

Refining cast iron and steel outside the furnace. V. F. Surov, O. V. Travin, L. A. Shvartsman Izv. vys. ucheb. zav., chern. met 4 no. 5:47-49 '61.

Saving the nickel in making cast iron from native alloy ores [with summary in English] A. B. Glovatskii, G. I. Chasovitin. Stal' 21 no. 3:207-209 Mr '61

CAST IRON—TESTING

Mechanical properties of cupola furnace malleable cast iron modified by bismuth and boron. I. T. Budanin. Lit. proizv. no. 6:41-43 Je '61.

CAST IRON—THERMAL PROPERTIES

Certain problems in the theory of the heat resistance of cast iron. F. N. Tavadze. Lit. proizv. no. 3:31-34 Mr '61.

CAST-IRON PIPE see Pipe, Cast-iron

CAST STONE see Stone, Cast

CASTRO, FIDEL, 1927-

Osheverov, G. M. [Fidel Castro] Fidel' Kastro. Moskva, Gos. izd-vo polit. lit-ry, 1961. 29 p.

CATALASE

Activity of the catalase and peroxidase in typhoid fever bacteria of varying virulence D. G. Kudiai, V. G. Petrovskaia, S. F. Gorishkova Zhur. mikrobiol. epid. i immun. 32 no. 5:128-129 My '61

Catalase activity in Brucella [with summary in English]. M. V. Malikova. Zhur. mikrobiol. epid. i immun. 31 no. 11:93-99 N '60.

Catalase content of the blood in leprosy [with summary in French]. R. A. Trapezonitseva, Kh. A. Veselovskaia Sbor. nauch. rab. po lepr. i derm. no. 13:21-28 '59.

Effect of vitamin A and thyroidin on the activity of catalase and cholinesterase in white rats [with summary in English] L. S. Piryputina, M. B. Lutsiuk. Ukr. biokhim. zhur. 33 no. 3:392-395 '61.

Isolation of crystalline catalase from horse erythrocytes and the study of some of its physicochemical properties [with summary in English]. S. E. Manoilov and others Biokhimiia 26 no. 3:408-411 My-Je '61.

CATALOGS, CARD

Cards of the All-Union Book Chamber in stores. S. Gorinshtein. Sov. knizh. torg. 12 no. 8:12-13 Ag '60.

Rates and standards card index for making estimates. S. Aristov. Ekon. strol. no. 5:31-37 My '61.

CATALYSIS

Catalytic hydrocondensation of carbon monoxide with olefins and their hydropolymerization under the action of carbon monoxide and hydrogen. Report 31 Behavior of 2-methyl-1-butene and 3, 3-dimethyl-1-butene in hydrocondensation catalysis. IA. T. Eidus and others. Izv. AN SSSR, Otd. khim. nauk no. 6:1127-1134 Je '61.

Investigating the role of macrokinetic factors by measuring the temperature of the catalyst. T. F. Gorb. Izv. vys. ucheb. zav., khim. i khim. tekh. 3 no. 2:272-275 '60.

Kinetics of hydrogenolysis of the compounds of the thiophene and thiophane series on a platinum catalyst. R. D. Obolentsev, D. M. Torikov. Khim. sera i azotorg. soed. v neft. i nefteprod. 3:333-343 '60.

Poisoning of a platinum catalyst with thiophene under conditions of reforming Kh. M. Minachev, D. A. Kondrat'ev. Khim. sera i azotorg. soed. v neft. i nefteprod. 3:345-352 '60.

Regularities in the catalytic properties of rare earths.

CATALYSTS—ELECTRIC PROPERTIES

Electronic state of catalysts during adsorption and catalysis. Part 1: Temperature dependence of the electric conductivity and type of conductivity of catalysts in the synthesis of isobutyl alcohol G. M. Kozub, M. T. Rusov, V. M. Vlasenko. Kin. i kat. 2 no. 2 240-244 Mr-Ap '61.

CATHODE FOLLOWERS

Composite emitter follower. V. I. Gol'dgefter. Elektrosviaz' 15 no. 6 68 Je '61.

Use of an emitter follower for the conversion of the current pulse of a photoelectron multiplier to a voltage pulse. L. S. Gorn, B. I. Khazanov. Radiotekh. i elektron. 6 no. 6 1010-1014 Je '61.

CATHODES

Adsorption, migration and evaporation of barium on tungsten carbide. Iu. V. Zubenko. Fiz. tver. tela 3 no. 2 528-534 F '61.

Methods for determining the work function of microscopic areas on the surface of thermionic cathodes. A. V. Druzhinin. Izv. AN SSSR, Ser. fiz. 25 no. 6 730-734 Je '61.

Problem concerning the effect of the polarization of light on the photoeffect of complex cathods. N. S. Khlebnikov, A. E. Melamid. Radiotekh. i elektron. 6 no. 7: 1215-1216 Jl '61.

CATHODES—ELECTRIC PROPERTIES

Effect of oxygen at low pressures on the electric properties of oxide cathodes. N. G. Nakhodkin, G. A. Zykov. Fiz. tver. tela 3 no. 5. 1436-1444 My '61.

CATHODIC PROTECTION

Automatic control of the cathodic protection of ships. V. Mlachin. Mor. flot 21 no. 6 23-24 Je '61.

Device for checking test leads. V. Tereshkin. Zhil.-kom. khoz. 11 no. 4 32-33 Ap '61.

CATHOLIC CHURCH see subdivision under Africa, Asia; Belgium; France; Transcarpathia

CATIONS

Study of the solubility of medicinal substances. Part 4: Influence of the nature of an inorganic cation on the solubility of benzoic acid and caffeine. V. P. Hustakov, O. P. Brazhnikova. Farmatsev. zhur. 16 no. 3. 28-30 '61.

CATS see subdivision under Kyzyl Kum

CATS—FEEDING AND FEEDS

Effect of the toxic fungus Fusarium sporotrichioides on cats, preliminary report. N. A. Akulin. Dokl. TSKhA no. 61 253-258 '61.

CATTLE

Efficiency of loose housing of cattle. A. Mangareev. Ekon. sel'khoz. 32 no. 2 62-66 F '61.

CATTLE—DISEASES AND PESTS see subdivision under Abkhazia

CATTLE—FEEDING AND FEEDS

Effect of antireticular cytotoxic serum on weight gains in cattle. S. I. Preanlak. Dokl. TSKhA no. 61 209-214 '61.

Effect of estrogens on the fattening and hematological features of cattle. Iu. N. Shamberev. Dokl. TSKhA no. 61 199-207 '61.

Effect of organic acids on the utilization of urea. L. S. Tronchuk. Visnyk sil'. hosp. nauky 4 no. 6 117-122 Je '61.

[illegible] '61.

CAUCASIAN LANGUAGES—CASE

Chikobava, Arn. [The ergative construction in the Iberian-Caucasian languages] Problema ergativnoi konstruktsii v iberiisko-kavkazskikh iazykakh. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR. [In Georgian with summary in Russian]

Vol. 2. [The nature of the ergative construction] Teoriia sushchnosti ergativnoi konstruktsii. 1961. 169 p.

CAUCASUS—ART, DECORATIVE

Several problems in Caucasian Albanian art [in Azerbaijani with summary in Russian]. N. I. Rzaev. Izv. AN Azerb. SSR. Ser. obshchestv. nauk no. 3:49-64 '61.

CAUCASUS—BIRDS

Origin of the bird fauna of alpine landscapes in the Caucasus. R. L. Beme. Ornitologiia no. 3 331-339 '60.

CAUCASUS—FORESTS AND FORESTRY

Regeneration and improvement of mountain forests in the central part of the Greater Caucasus. F. A. Amirov. Izv. vys. ucheb. zav., les. zhur. 4 no. 2:19-23 '61.

CAUCASUS—GEOLOGY, STRATIGRAPHIC

Principal geological and petrographical features of the Mesozoic granitoid intrusives of the northeastern Lesser Caucasus (Azerbaijan) [with summary in English]. R. N. Abdullaev. Sov. geol. 4 no. 5. 58-70 Je '60.

CAUCASUS—GEOLOGY, STRUCTURAL

Role of meridional undulations in the structure of the Caucasus, Ciscaucasia, and the trans-Caspian region. I. O. Brod. Uch. zap. AGU. Geol.-geog. ser. no. 2:31-35 '59.

CAUCASUS—GLACIOLOGICAL RESEARCH

Khar'kov. Universytet. [Materials of the Caucasian Expedition under the program of the International Geophysical Year] Materialy Kavkazskoi ekspeditsii; po programme Mezhdunarodnogo geofizicheskogo goda. Khar'kov.

Vol. 1. 1960. 363 p.

CAUCASUS—LAVA

Santonian globular lavas of the Martuni synclinorium which include Iceland spar. F. A. Akhundov. Dokl. AN Azerb. SSR 17 no. 4:289-292 '61.

CAUCASUS—METEOROLOGICAL RESEARCH

Khar'kov. Universytet. [Materials of the Caucasian Expedition under the program of the International Geophysical Year] Materialy Kavkazskoi ekspeditsii; po programme Mezhdunarodnogo geofizicheskogo goda. Khar'kov.

Vol. 1. 1960. 363 p.

CAUCASUS—PHYSICAL GEOGRAPHY

Altitude relief zones of the Akstafa and Shamkhorchay interfluve (northeastern slopes of the Lesser Caucasus). M. A. Museibov. Uch. zap. AGU. Geol.-geog. ser. no. 2: 93-106 '59.

Geomorphology of the southeastern foothills of the Lesser Caucasus; interfluve of the Akera and the Gendelanchay [in Azerbaijani with summary in Russian]. Sh. B. Kerimov, N. Sh. Shirinov. Uch. zap. AGU Geol.-geog. ser. no. 3:69-78 '60.

CAUCASUS—PLAGUE

Experimental plague in Meriones tamariscinus and Meriones meridianus in eastern piedmont regions of the Caucasus [with summary in English]. E. S. Biriukova. Zhur. mikrobiol. epid. i immun. 32 no. 5 91-96 My '61.

CAUCASUS—POTTERY, ALBANIAN

Several problems in Caucasian Albanian art [in Azerbaijani with summary in Russian]. N. I. Rzaev. Izv. AN Azerb. SSR. Ser. obshchestv. nauk no. 3:49-64 '61.

[illegible]YRITES

enclosing rocks of pyrite deposits in the [illegible]aus. P. F. Sopko. Izv. vys. ucheb. zav., no. 2:66-75 F '61.

IGNEOUS

the acid intrusions in the southeastern Caucasus and some of their features of the Caucasus. M. D. Zairi. Uch. zap. ser. no. 2:45-50 '59.

[illegible]LOGY

dies on Caucasian earthquakes. A. D. [illegible] N SSSR. Ser. geofiz. no. 7:1031-1036

[illegible]EMIA

laremia and ways of reducing its [illegible]aucasus and Transcaucasus [with [illegible]ish]. V. G. Pilipenko. Zhur. mikrobiol. 32 no. 5:10-25 My '61.

[illegible]ERN—ARTESIAN WELLS

[illegible]gime of self-discharging wells in the [illegible]sian basin. O. K. Kiselev. Vod. i san. Je '61.

CAUCASUS, NORTHERN—BEECH

Structure of uneven-aged virgin beech forests of the Northern Caucasus and the Crimea. L. V. Bitsin. Izv. vys. ucheb. zav., les. zhur. 4 no. 2 35-38 '61.

CAUCASUS, NORTHERN—GAS, NATURAL—GEOLOGY

Kompleksnaia Iuzhnaia geologicheskaia ekspeditsiia, 1956. [Transactions of the Southern Geological Expedition, 1956] Trudy. Pod red. I. O. Brodia, Leningrad, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, Leningr. otd-nie.

No. 6. [Geology and the oil and gas potentials of the southern U. S. S. R., Ciscaucasia] Geologiia i neftegazonosnost' IUga SSSR, Predkavkaz'e. 1961. 396 p.

CAUCASUS, NORTHERN—IRRIGATION

Methodology for determining the efficiency of irrigation systems. N. Alekseev. Ekon. sel'khoz. 32 no. 2 84-93 F '61.

CAUCASUS, NORTHERN—MINERALOGY

Sulfate mineralization and other characteristics of ores from the Fasnal complex ore deposit. A. A. Kurdiukov. Izv. vys. ucheb. zav.; tsvet. met. 4 no. 2:19-22 '61.

CAUCASUS, NORTHERN—PETROLEUM GEOLOGY

Kompleksnaia Iuzhnaia geologicheskaia ekspeditsiia, 1956. [Transactions of the Southern Geological Expedition, 1956] Trudy. Pod red. I. O. Brodia, Leningrad, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, Leningr. otd-nie.

No. 6. [Geology and the oil and gas potentials of the southern U. S. S. R., Ciscaucasia] Geologiia i neftegazonosnost' IUga SSSR, Predkavkaz'e. 1961. 396 p.

CAUSTOBIOLITES

Thermography of caustobiolites and clayey minerals. B. V. Logvinenko, S. I. Shumenko. Izv. AN SSSR. Ser. geol. 26 no. 6 101-109 Je '61.

CAVES see subdivision under Rumania

CAVITATION

Application of the theory of similitude to the study of vibrations produced by cavitation. G. A. Khoroshev. Akust. zhur. 6 no. 4. 472-479 '60.

Compression of a spherical gas cavity by a shock wave in water. V. K. Kedrinskii, R. I. Soloukhin. PMTF no. 1:27-29 Ja-F '61.

Effect of the pressure gradient in a stream on the growth of the cavitation zone. K. K. Shal'nev. PMTF no. 1:106-108 Ja-F '61.

ČECH, EDUARD, 1893-1960

Eduard Čech; obituary. P. S. Aleksandrov, S. P. Finikov. Usp. mat. nauk 16 no. 1:119-126 Ja-F '61.

CECUM

Retrograde invagination of the cecum. Iu. M. Serpukhovitin. Zdravookhranenie 2 no. 4. 53-54 Jl-Ag '59.

CELESTIAL MECHANICS see Mechanics, Celestial

CELL NUCLEI

Aminopherases in isolated cell nuclei. V. L. Nemchinskaia. TSitologiia 3 no. 3:327-333 My-Je '61.

Metabolic activity of the components of nuclear sap [with summary in English]. G. P. Georgiev, O. P. Samarina. Biokhimiia 26 no. 3 454-461 My-Je '61.

Role of vegetative nuclei in the development of male gametophytes. T. F. Poliakova. TSitologiia 3 no. 3: 254-265 My-Je '61.

Some cytological features of the nucleus type of cell protein synthesis exemplified in a study of the ganglionic neuron of the retina. V. IA. Brodskii. TSitologiia 3 no. 3:312-326 My-Je '61.

A study of the resynthesis of desoxyribonucleic acid in isolated cell nuclei [with summary in English]. R. I. Salganik, T. M. Morozova, V. F. Drevich. Biokhimiia 26 no. 3. 399-407 My-Je '61.

CELLOPHANE—TOXICOLOGY

Phagocytic activity of leukocytes during the process of carcinogenesis under the influence of cellophane and 9, 10-dimethyl-1, 2-benzathracene in white rats. A. Kh. Kogan, Sh. I. Murdakhashvili. Arkh. pat. 23 no. 4: 43-49 '61.

CELLS

Cytological foundations of the growth of chironomid larvae. A. S. Konstantinov, A. V. Luzina. TSitologiia 3 no. 3:341-344 My-Je '61.

CELLULOSE

Baranov, N. A., and B. G. Gorbovskii. [Technology and automation of cellulose production] Tekhnologiia i avtomatizatsiia tsellyuloznogo proizvodstva. Moskva, Goslesbumizdat, 1961. 471 p.

Discussion of problems in the chemistry of celluloses. N. F. Bakeev. Vest. AN SSSR 31 no. 6:91-93 Je '61.

Industrial chips from sawmill wastes. I. B. Kudriashov. Les. prom. 39 no. 6:7-10 Je '61.

CELLULOSE (Continued)

Inhomogeneity of cotton cellulose [with summary in English] T. I. Sushkevich, Kh. U. Usmanov. Vysokom. soed. 3 no. 3 359-362 Mr '61.

Nikitin, V. M. [Wood and cellulose chemistry] Khimiia drevesiny i tsellulozy. Izd. 2., perer. Moskva, Goslesbumizdat, 1960. 468 p.

Photochemical degradation of cellulose in air [with summary in English] O. P. Zapol'skii. Vysokom. soed. 3 no. 3 376-381 Mr '61.

Structural and mechanical properties of ethylcellulose solutions [with summary in English]. T. I. Samsonova. Vysokom. soed. 3 no. 7:1065-1071 Jl '61.

Synthesis of new derivatives of cellulose and other polysaccharides. Part 13. Method of synthesizing cellulose dinitrile [with summary in English] L. S. Gal'braikh, V. A. Derevitskaia, Z. A. Rogovin. Vysokom. soed. 3 no. 7 980-983 Jl '61.

Synthesis of the new derivatives of cellulose and other polysaccharides. Part 12. Development of a method for the interfacial esterification of cellulose [with summary in English]. Sun' Tun (Sun T'ung), Chzhan Vei-gan (Chang Wei-kang), Z. A. Rogovin. Vysokom. soed. 3 no. 3:382-389 Mr '61.

Thermodynamics of the reactions of polyhydroxy compounds with a copper ammonia base. Part 4: Determination of the thermal effect in the interaction between cellulose and a copper ammonia base with the aid of a calorimeter. M. I. Arkhipov. Izv. vys. ucheb. zav.; khim. i khim. tekh. 4 no. 1:123-127 '61.

CELLULOSE ACETATES

Arnel 60, a new kind of staple fiber based on triacetylcellulose. B. Sheldon Sprague. Khim. volok. no. 3, 70-75 '61.

CELLULOSE-DECOMPOSING BACTERIA see Bacteria, Cellulose-decomposing

CELLULOSE ESTERS

Synthesis of new derivatives of cellulose and other polysaccharides. Part 1: Synthesis of cellulose esters with α-amino acids [with summary in English]. A. I. Polinkov, V. A. Derevitskaia, Z. A. Rogovin. Vysokom. soed. 3 no. 7:1027-1030 Jl '61.

CELLULOSE INDUSTRY

Tasks of research in cellulose and paper production. F. I. Koperin. Izv. vys. ucheb. zav., les. zhur. 4 no. 2: 3-7 '61.

CELLULOSE XANTHATES

Effect of different factors on the xanthation of alkali cellulose. O. P. Rassolov, A. B. Pakshver. Khim. volok. no. 3:25-29 '61.

CEMENT

Armored cement blankets for shore consolidation. G. A. Kukolevskii. Les. prom. 39 no. 5, 20-21 My '61.

Effect of roasting temperature on the hydraulic properties of cements made from Kirovograd marls [with summary in English] V. V. Manzhurnet, O. O. Starchevs'ka. Dop. AN URSR no. 5 652-655 '61.

Studying the possibility of producing local cement from marl from the Mukshan deposit [with summary in English]. V. V. Manzhurnet, N. V. Alekseenko. Dop. AN URSR no. 4:514-516 '61.

CEMENT—CONGRESSES

Conference on the chemistry and technology of cement. Stroi. mat. 7 no. 5:39-40 My '61.

CEMENT—PHYSIOLOGICAL EFFECT

Some functional changes in the nasal mucosa under the influence of cement dust [with summary in English]. S. A. Davydov, Iu. L. Petrov, T. E. Bobok. Zhur. ush., nos. i gorl. bol. 20 no. 4:39-43 Jl-Ag '60.

CEMENT—TRANSPORTATION
(see also subdivision under Armenia)

Machinery for the loading and unloading of cement. N. Sosunov. Mor. flot 21 no. 6:11-12 Je '61.

CEMENT INDUSTRIES
(see also subdivision under Virgin Territory)

Taking measures to accelerate the development of the cement industry from 1961 through 1965. Bet. i zhel.-bet. no. 4:145 Ap '61.

CEMENT INDUSTRIES—EQUIPMENT AND SUPPLIES

Trough vibro-feeder. Stroitel' no. 5:10 My '61.

CEMENT PLANTS

Let's shorten the time required to build cement plants. S. Sheinker. Na stroi. Ros. no. 2, 30-33 F '61.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Rules for the technical operation of SN 103-60 cement plants] Pravila tekhnicheskoi ekspluatatsii tsementnykh zavodov SN 103-60. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 354 p.

CEMENTATION (METALLURGY)

Cementation by natural gas at the Rostov Agricultural Machinery Plant. A. S. Berlin, D. S. Lesnykh. Metalloved. i term. obr. met. no. 3:61-62 Mr '61.

Oxyacetylene flame cementation. V. G. Podolnitsyn. Metalloved. i term. obr. met. no. 3:58-59 Mr '61.

Separation of copper and lead from chloride solutions by the cementation method. L. A. Saltovskaia, V. D. Ponomarev, O. A. Khan. Trudy Alt. GMNII AN Kazakh. SSR 9 221-226 '60.

Ultrasonic nibriding of steel. G. V. Zemskov and others. Metalloved. i term. obr. met. no. 3:40-42 Mr '61.

CEMENTS, ADHESIVE

Cold bituminous mastic. Stroi. i arkhit. 9 no. 5:35 My '61.

CENTRAL AND SOUTH CHINA see China, Central and South

CENTRAL ASIA see Asia, Central

CENTRAL ASIA, SOVIET see Soviet Central Asia

CENTRAL BLACK EARTH REGION—SEDIMENTATION AND DEPOSITION

Mechanical composition and density of bottom deposits in small bodies of water of the Central Black Earth Region. L. V. IAkovleva. Trudy Lab. ozeroved. 10 167-192 '60.

CENTRAL BLACK EARTH REGION—SOIL MOISTURE

Bol'shakov, A. F. [Moisture conditions of thick chernozems in Central Russian Upland] Vodnyi rezhim moshchnykh chernozemov Srednо-Russkoi vozvyshennosti. Moskva, Izd-vo Akad. nauk SSSR, 1961. 108 p.

CENTRAL BLACK EARTH REGION—STEPPE FLORA

Principles underlying the classification of steppes in the Central Black Earth Region [with summary in English]. N. S. Kamyshev. Biul. MOIP, Otd. biol. 65 no. 3:51-67 My-Je '61.

CENTRIFUGAL CASTING

Determining metal volume in centrifugal casting. N. F. Sergeichev. Lit. proizv. no. 3:35 Mr '61.

Technology of the centrifugal casting of bushings. A. A. Svarika. Lit. proizv. no. 3:8-9 Mr '61.

CENTRIFUGES

Removing dust from the exhaust gases of an asphalt concrete factory. N. E. Novik. Avt. dor. 24 no. 5 22 My '61.

SGO-100 centrifuge for the purification of enamels based on polymerization resins. B. I. Peshnikovskii. Lakokras. mat. i ikh prim. no. 3:64 '61.

CENTRIFUGES—VIBRATION

Vibration of a self-centering centrifuge. A. S. Kel'zon, N. I. Mushina. Izv. AN SSSR, Otd. tekh. nauk, Mekh. i mashinostr. no. 3:98-101 My-Je '61.

CEPHALOPODA, FOSSIL
(see also subdivision under Kamennyy Brod)

Argocheilus Shimansky, nom. nov. V. N. Shimanskii. Paleont. zhur. no. 2 128 '61.

CEPHEIDS

Period-luminosity relation of cepheids. T. A. Golobokod'ko. Biul. VAGO no. 28:18-20 '60.

CERAMIC INDUSTRIES see subdivision under Moscow

CERAMIC METALS

Effect of additional tempering on the properties of hard WC-Co ceramic metal alloys. I. N. Chaporova, E. A. Shchetilina, O. I. Serebrova. Metalloved. i term. obr. met. no. 7:44-46 Jl '61.

Sintering of ceramic metal iron in hydrogen with small additions of hydrogen chloride. R. A. Andrievskii, V. V. Panichkina, I. M. Fedorchenko. Metalloved. i term. obr. met. no. 7:48-52 Jl '61.

CERAMICS

Effect of technological factors on the formation of the porous structure of structural ceramic. A. S. Berkman, I. G. Mel'nikova. Stroi. mat. 7 no. 5:34-37 My '61.

Large-scale cementless vibrated ceramic blocks and panels. K. E. Gorlaninov, V. T. Prozhora. Stroi. mat. 7 no. 5:3-6 My '61.

CEREBELLUM—DISEASES

Olivopontocerebellar atrophy in a child. G. I. Rappoport. Zdrav. Bel. 7 no. 5:59-60 My '61.

CEREBRAL CORTEX

Effect of hypothermia on the ammonia and glutamine content of the cerebral cortex of dogs in death and subsequent resuscitation [with summary in English]. M. S. Gaevskaia, E. A. Nosova. Ukr. biokhim. zhur. 33 no. 3:407-419 '61.

Electrical activity of the cerebral cortex in experimental anaphylactic shock [with summary in English]. O. D. Gaske. Zhur. vys. nerv. deiat. 11 no. 2:322-328 Mr-Ap '61.

Functional changes in the cerebral cortex of children during the action of weak extraneous stimuli [with summary in English]. Z. V. Denisova. Zhur. vys. nerv. deiat. 11 no. 2:249-253 Mr-Ap '61.

Neurons of the visual cortex in man [with summary in English] E. G. Shkol'nik-Iarros. Arkh. anat. gist. i embr. 38 no. 2:24-30 F '60.

Reaction of rhythm adoption in the cerebral cortex and reticular formation of the brain stem during the presence of a strychnine-induced focus of stimulation [with summary in English]. N. N. Zislina, L. A. Novikova. Zhur. vys. nerv. deiat. 11 no. 2:338-345 Mr-Ap '61.

Vectorgraphic characteristics of spontaneous cortical activities of the hemispheres in rabbits. R. M. Meshcheryakii. Fiziol. zhur. 47 no. 4:419-426 Ap '61.

CEREBROSPINAL FLUID

Cerebrospinal fluid in lumbar and sciatic pain [with summary in French] I. G. Gloriozova. Zhur. nevr. i psikh. 61 no. 2 287-290 '61.

CERIUM

Brittleness of cast iron containing cerium. P. I. Talanov, N. I. Astafurova. Lit. proizv. no. 3:27-28 Mr '61.

Investigating technological conditions for the inoculation of cast iron with cerium alloys. P. I. Talanov, N. I. Astafurova. Izv. vys. ucheb. zav., chern. met. 4 no. 5 177-183 '61.

CERIUM—ANALYSIS

Photometric determination of cerium [with summary in English]. A. I. Cherkesov, T. S. Zhigalkina. Zhur. anal. khim. 16 no. 3 364-365 My-Je '61.

CERIUM—ELECTRIC PROPERTIES

Investigation of the electric resistance of cerium, lanthanum and neodymium at pressures up to 250,000 kg/cm^2. L. F. Vereshchagin, A. A. Semerchan, S. V. Popova. Dokl. AN SSSR 138 no. 5:1059-1061 Je '61.

CERIUM COMPOUNDS

Solubility in the system $(NH_4)_2Ce(NO_3)_5$ - HNO_3 - H_2O. I. I. Angelov, K. D. Poslavskaia. Trudy IREA no. 22 23-25 '58.

Solubility in the system $(NH_4)_2Ce(NO_3)_6$ - HNO_3 - H_2O. I. I. Angelov, K. D. Poslavskaia. Trudy IREA no. 22 26-29 '58.

CERIUM HYDROXIDE

Reaction of formation of cerium (III) hydroxide. I. V. Tananaev, M. IA. Bokmel'der. Zhur. neorg. khim. 5 no. 3:701-707 Mr '60.

CERIUM NITRATE

Equilibrium in the system $Ce(NO_3)_3$ - HNO_3 - H_2O. I. I. Angelov. Trudy IREA no. 22 18-22 '58.

CERIUM OXIDE

Peroxide compounds of titanium, zirconium, and cerium as products of interaction between hydroxides and hydrogen peroxide. S. Z. Makarov, L. V. Ladeinova. Izv. AN SSSR, Otd. khim. nauk no. 6:958-964 Je '61.

CERIUM PERCHLORATE

Synthesis and properties of cerium (IV) perchlorate. A. A. Zinov'ev, N. A. Shchirova. Zhur. neorg. khim. 5 no. 3:540-546 Mr '60.

CERIUM SULFATE

Equilibrium in the system $Ce(SO_4)_2$ - H_2SO_4 - H_2O. I. I. Angelov, K. D. Poslavskaia. Trudy IREA no. 22, 30-32 '58.

CESAREAN SECTION

Increasing the contractile capacity of the uterus in cesarean section. M. O. Shylko. Ped., akush. i gin. 23 no. 1 51-53 '61.

Metrorrhexis at the site of a previous cesarean section. Z. F. Drobenia. Zdrav. Bel. 7 no. 5 60-62 My '61.

Remote sequelae after cesarean sections in the lower uterine segment; peculiarities, incidence, and clinical aspects of scar rupture. A. V. Bolgova. Sov. med. 25 no. 5:12-16 My '61.

CESIUM—ISOTOPES

Half-life of Cs^{137}. M. P. Glazunov and others. Atom. energ. 10 no. 6:622-623 Je '61.

CESIUM—METALLURGY

Sulfatization and leaching of a lime-cesium sinter. A. G. Motina. Nauch. trudy MGI no. 27:145-150 '59.

CESIUM—SPECTRA

Determination of cesium in rocks by flame spectrophotometry [with summary in English]. V. I. Lebedev. Zhur. anal. khim. 16 no. 3:272-274 My-Je '61.

CESIUM CHLORIDE

Measurement of the pressure of saturated cesium chloride vapor by means of radioactive tracers. A. N. Nesmeianov, L. A. Sazonov. Zhur. neorg. khim. 6 no. 3: 519-521 Mr '60.

CESIUM FLUOBORATE

Determination of rubidium and cesium in the form of their fluoborates. Z. T. Maksimychova, T. A. Meslentsova, F. N. Suleimanova. Zav. lab. 27 no. 6:667-668 '61.

CESIUM SULFATE

Removing silica from cesium sulfate solutions. A. G. Motina. Nauch. trudy MGI no. 27:151-155 '59.

CETACEA
Functional morphology of respiratory organs in toothed cetaceans A V IAblokov Trudy sov ikht kom no 12 70-86 '61
Some characteristics of the urogenital system in cetaceans [with summary in English] A V. IAblokov. Biul. MOIP Otd. biol 66 no 2:33-38 Mr-Ap '61
Some current problems in the biological study of cetaceans A. G Tomilin. Trudy sov ikht. kom no 12 40-19 '61

CHAD
Republic on Lake Chad [with English summary in insert]. L. Ivanov. Az. i Afr. seg. no. 6, 26-26 Je '61.

CHAINS
Device for connecting chains A Smolenskii. Sel' mekh no 6, 27-26 '61
Ionov, IU. K. [Design and wear resistance of pins of a sectional pull chain] O raschete i iznose pal'tsev tiagovoi razbornoi tsepi. Dnepropetrovsk, 1959. 17 p. (Dnepropetrovsk. Inzhenerno-stroitel'nyi institut. Nauchnoe soobshchenie, no. 52)
Variable stresses in a branch of chain transmission. V. V. Ignatenko. Izv. vys. ucheb. zav., mashinostr. no. 4: 27-33 '61.

CHALCID FLIES see subdivision under Kabardino-Balkar A. S. S. R.

CHALCOPYRITE see subdivision under Tubinskiy region

CHALK
Hydraulic resistance of the particle acceleration zone and pipe bends in the pneumatic-tube transportation of chalk. A. I. Karpov. Kauch. i rez 20 no. 6, 32-36 Je '61.

CHAMPAGNE (WINE) see subdivision under Armenia

CHAPLIN (RECHITSA DISTRICT)—ANTIQUITIES
Settlement of the Kievan Russia epoch in the Chaplin village, southern White Russia E. A. Symonovich Sov arkheol. 5 no 2:200-209 '61

CHARACTERS AND CHARACTERISTICS IN LITERATURE
Dremov, A. K. [Artistic image] Khudozhestvennyi obraz. Moskva, Sovetskii pisatel', 1961. 404 p.

CHARIOTS see subdivision under Bulgaria

CHASTUSHKI
In what manner and by whom are chastushki written during Soviet times? F. Ukhov. Vop. lit. no. 12: 174-179 D '59.

CHAUN BAY—ICE ON RIVERS, LAKES, ETC.
Formation of ice on warm water V. N. Kupetskii. Priroda 50 no. 7:125 Jl '61.

CHEBOKSARY—LIQUOR INDUSTRY—EQUIPMENT AND SUPPLIES
Maintenance of the liquid level in a delivery tank. A. V. Smirnov. Spirt. prom. 27 no. 4, 36-37 '61.

CHECHEN-INGUSH A. S. S. R.—CONSTITUTION
Chechen-Ingush A. S. S. R. Constitution. [Constitution (fundamental law) of the Chechen-Ingush Autonomous Soviet Socialist Republic; with amendments adopted at the first, third, sixth, and seventh session of the Second Supreme Soviet of the Chechen-Ingush A. S. S. R., April 16, 1958, March 27, 1959, March 11, 1960, and January 24, 1961] Konstitutsiia (osnovnoi zakon) Checheno-Ingushskoi Avtonomnoi Sovetskoi Sotsialisticheskoi Respubliki. S izmeneniiami i dopolneniiami, priniatymi na I, III, VI i VII sessiiakh Verkhovnogo Soveta ChIASSR vtorogo sozyva, 16, IV 1958 g., 27. III 1959 g., 11, III 1960 g. i 24, I 1961 g. [Groznyi] Checheno-Ingushskoe knizhnoe izd-vo, 1961. 22 p.

CHEESE
Koroiev, A. N. [Technology of hard cheeses] Tekhnologiia tverdykh syrov. Moskva, Pishchepromizdat, 1960. 58 p.

CHEKHOV, ANTON PAVLOVICH, 1860-1904
The affirmative hero in Chekhov's works on the people. IU. G. Ovsienko. Uch. zap. MOPI 82:133-160 '60.
Characteristics of the language used by A. P. Chekhov in his initial works of prose. L. I. Kolokolova. Dosl. z lit. ta mov. no. 1:105-115 '60.
Chekhov or Beloborodov? N. Gilovich. Vop. lit. no. 12: 143-146 D '59.
Everything should be beautiful in man. V. L'vov. Komsom. zhizn' no. 2:18-23 Ja '60.
The originality of Chekhov's humor. V. Ermilov. Vop. lit. no. 11:100-116 N '59.
The theme of beauty in Chekhov's works. V. Ermilov. Vop. lit. no. 12:129-142 D '59.

CHEKMAGUSH DISTRICT—SCHOOLHOUSES
First district in school construction. Sel'. stroi. 16 no. 4:31 Ap '61.

CHELATES
Chelating agents (complexons) and their use in experimental and clinical medicine. I. N. Bel'gova. Farm. i toks. 24 no. 2:238-245 Mr-Ap '61.
Determination of the molecular weight of chelate polymers A P Terent'ev and others Dokl. AN SSSR 138 no 6:1361-1364 Je '61.

CHELNOKOV, NIKOLAI VASIL'EVICH
In the sky above two seas N Stepanov Kryl rod 12 no 3 8-9 Mr '61

CHELYABINSK—CITY PLANNING
What is delaying the construction of a microdistrict in Chelyabinsk? D Navalikhin. Na stroi. Ros. no 3 34-37 D '60.

CHELYABINSK—FIRE DEPARTMENTS
Close to the cherished goal. I. TSilin. Pozh. delo 7 no. 6:14 Je '61.

CHELYABINSK—GAS DISTRIBUTION
"What is retarding the construction of urban gas system in Chelyabinsk" Zhil.-kom. khoz. 11 no 4, 27 Ap '61.

CHELYABINSK—PRESTRESSED CONCRETE
Prestressed concrete beams for the floors of industrial buildings in Chelyabinsk. V. K. Alekhin. Bet. i zhel.-bet. no. 4:152-155 Ap '61.

CHELYABINSK—SCHOOL SUPERVISION
From our experience. G. Abramova. Nar. obr. no. 6:87 Je '61.

CHELYABINSK—SHOOTING
Amateur shooting club. G. Kipriianov. Voen znan. 37 no. 6, 32 Je '61.

CHELYABINSK—TECHNOLOGY CLUBS
We will meet our obligations. A. Fradkin. Voen. znan. 37 no. 7:22 Jl '61.

CHELYABINSK—VOCATIONAL EDUCATION
Young builders are ready for work. I. Vaganov. Nar. obr. no. 7:46-48 Jl '61

CHELYABINSK PROVINCE—BOARDING SCHOOLS
"School and life; academic instruction and training in boarding schools of Chelyabinsk Province," Book review. Nar. obr no 7:110 Jl '61

CHEMICAL AFFINITY
Chemical activity and chemical affinity N G Klinchnikov. Khim. v shkole 16 no 2 8-16 Mr-Ap '61.

CHEMICAL APPARATUS
(see also subdivision under Asia, Minor)
Funnel with a safety reservoir. I. S. Soldatenkov Khim. v shkole 16 no. 2:69-70 Mr-Ap '61.
Modification of Conway's dish for isothermic distillation of ammonia. K Iosifov. Lab. delo 7 no. 7:62-63 Jl '61.
Ultrachemiscope with a liquid filter. N. A. Fedorov, IU. N. Kasatkin. Vop. med. khim. 7 no. 2, 211 Mr-Ap '61.

CHEMICAL BONDS
Bond energy in molecules of halides of group II, and the ionic model. K. S. Krasnov. Izv. vys. ucheb. zav.; khim. i khim. tekh. 4 no. 1:38-44 '61.
Electron paramagnetic resonance study of the transfer of energy to aromatic groups during the radiolysis of certain organic compounds. IU N. Molin and others Kin i kat. 2 no. 2, 192-196 Mr-Ap '61.

CHEMICAL ELEMENTS
Nechaev, I. [The story of the elements] Rasskazy ob elementakh. Moskva, Gos. izd-vo detskoi lit-ry M-va prosv. RSFSR, 1960. 141 p.
World building blocks ("Story of the discovery of the chemical elements" by G. G. Dlogenov. Reviewed by B. IA. Rozen) Priroda 50 no. 7 120-121 Jl '61.

CHEMICAL ENGINEERING—EQUIPMENT AND SUPPLIES
Vats for the fusion of caustic soda. K. I. Vashchenko and others. Lit. proizv. no. 6:4-6 Je '61.

CHEMICAL GENETICS
Fundamental differences in the reactive mechanism of modifications and mutations, particularly, the chemical ones. I. A Rapoport. Biul MOIP. Otd. biol. 66 no. 2:135-152 Mr-Ap '61

CHEMICAL INDUSTRIES
(see also subdivision under Siberia; Volynsk Province)
Construction workers are successfully building a large chemical industry. Na stroi. Ros. no. 4:1-2 Ap '61.
Enterprises of the chemical industry at the eve of the 22d Congress of the CPSU. I. A. Sheftel'. Khim. prom. no. 5:366-367 My '61.
First steps of the Automation Division of the Scientific and Technical Council of the State Chemical Committee. A. L. Leonov. Khim. prom. no. 5:367-369 My '61.
Oil and gas industry workers' conference. Sots. trud 5 no. 12 143-144 D '60.
Summing up the work of the Moscow Administration of the D. I. Mendeleev All-Union Chemical Society for 1960. E. F. Stroganov. Zhur. VKHO 6 no. 3 347-348 '61.
Toward the 22d Congress of the CPSU. I. P. Losev. Zhur VKHO 6 no 3 242-243 '61

CHEMICAL INDUSTRIES—HYGIENIC ASPECTS
Improvement of health conditions in the chemical fiber industry. V. D. Krantsfel'd. Gig. i san 26 no. 1:82-85 Ja '61.

CHEMICAL INDUSTRIES—LABOR PRODUCTIVITY
Measuring and planning labor productivity on the basis of labor involved in basic chemistry. IU. Vinogradov, N. Samokhina. Biul. nauch. inform. -trud. izsl. plata 4 no 6:14-15 '61.

CHEMICAL INDUSTRIES—PRODUCTION STANDARDS
Developing time norms for the packaging and packing of chemical products P Chuprinov. Biul nauch. inform. trud i zar. plata 1 no. 6 41-45 '61.

CHEMICAL LABORATORIES—EQUIPMENT AND SUPPLIES
Exhaust system for demonstration experiments with harmful gases. V. I. Levashov Khim v shkole 16 no 2 55-57 Mr-Ap '61
Laboratory table for the chemistry study room V. I Sergeev. Khim v shkole 16 no 2:53-55 Mr-Ap '61
Support for mounting working models and equipment A A Osipov, V. B Raiskii Khim. v shkole 16 no. 2 58-59 Mr-Ap '61.
Use of a television lense as a device for increasing the visibility of demonstrations. V. A. Golovina. Khim v shkole 16 no 2 86 Mr-Ap '61
Working model of a nitric acid plant L N Sof'in Khim v shkole 16 no 2 49-52 Mr-Ap '61.

CHEMICAL PLANTS
(see also subdivision under Ufa)
"Safety engineering in repair work in chemical shops" by K. V. Kusmaul'. Masl.-zhir. prom 27 no. 6:45 Je '61.

CHEMICAL REACTION—MECHANISM
High pressures and the mechanism of chemical reactions M G Gonikberg Vest AN SSSR 31 no 5 39-45 My '61

CHEMICAL REACTION, HEAT OF
Thermodynamics of the reactions of polyhydroxy compounds with a copper ammonia base. Part 4: Determination of the thermal effect in the interaction between cellulose and a copper ammonia base with the aid of a calorimeter. M. I. Arkhipov. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 1:123-127 '61.

CHEMICAL REACTION, RATE OF
Calculating the mass transfer rate in a laminar boundary layer flow with heterogeneous chemical reactions obeying diverse kinetic laws. A. M. Suponitskii. PMTF no. 2: 74-77 Jl-Ag '60.
Kinetics of substitution reactions in the inner sphere of complex molecules A. D. Gel'man, L. N. Isaev. Dokl. AN SSSR 138 no 5:1095-1098 Je '61.
Kondrat'ev, V. N. [Tagged atom method in the study of the mechanism of chemical reactions] Primenenie mechenykh atomov k izucheniiu mekhanizma khimicheskikh reaktsii. Moskva, 1955. 19 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)
Rate constant and the mechanism of reaction between oxygen atoms and acetaldehyde. L. I. Avramenko, R. V. Kolesnikova, M. F. Sorokina. Izv. AN SSSR Otd. khim. nauk no. 6:1005-1010 Je '61.
Rate of solid phase reactions [with summary in English]. M. I. Niekrich, R. V. Polovin. Dop. AN URSR no. 4: 511-513 '61.
Reactive and kinetic nature of nonuniformities in a shock wave front and their role in the propagation of a gas detonation. B. P. Volin and others. PMTF no. 2:78-86 Jl-Ag '60.
Use of gas chromatography in the study of the kinetics of chemical reactions. Chromatographic analysis of the products of alkane radiolysis. V. G. Berezkin, I. S Polak. Kin. i kat 2 no. 2:285-291 Mr-Ap '61

CHEMICAL SOCIETIES see subdivision under Germany, East

CHEMICAL TESTS AND REAGENTS
Determination of barium by the method of "nascent reagents." K. I. Litvin, E. G. Rukhadze, A. P. Terent'ev. Nauch. trudy MGI no. 27:97-113 '59.
Determination of silicon and phosphorus in reagents without the use of organic solvents E. A. Nikitina, M. Z Partashnikova. Trudy IREA no. 23:119-123 '58
Nitrophenylhydrazones of isonitrosoacetophenone as sensitive and selective reagents for cobalt [with summary in English]. G. S. Deshmukkh, V. D. Anand, K. N. Mehrotra. Zhur. anal. khim. 16 no. 3:313-314 My-Je '61.
Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po khimii. [Chemical reagents; the most important reagents and pH indicators for luminescent analysis] Khimicheskie reaktivy; vazhneishie reaktivy i pH-indikatory dlia liuminestsentnogo analiza. Moskva, [1959] 19 p.
Use of Fischer's reagent in determining the water content of certain reagents G. D. Glebova, G N. Koshcheva Trudy IREA no. 22 115-118 '58.
Use of x-ray phase analysis in the solution of various problems in the production of chemical reagents. Report No. 1. E. A. Shugam, V. M. Levina. Trudy IRFA no. 22 50-52 '58.

CHEMICALS

Rabinovich, E.M. [Commercial chemicals, paint materials, and various related products] Khimicheskie i moskatel'nye tovary. Moskva, Gos. izd-vo torg. lit-ry, 1960. 113 p.

CHEMISTRY
(see also subdivision under Georgia)

Chemistry in Russia before the time of Peter the Great N. A. Figurovskii. Khim. v shkole 16 no. 2 23-31 Mr-Ap '61.

CHEMISTRY—ABSTRACTS

[Chemistry.] Ref. zhur. Khim. no. 12 Je '61; Ukazateli za 1959 g. 2 '61.

CHEMISTRY—BIBLIOGRAPHY see Bibliography—Chemistry

CHEMISTRY—STUDY AND TEACHING

Changes in chemistry examination questions on cards chosen by lot. T. IAshkina. Khim. v shkole 16 no. 2 87-88 Mr-Ap '61.

"Development and generalization of students knowledge of chemistry" by G. I. Shelinskii. Reviewed by B. Rozen. Khim. v shkole 16 no. 2 89-90 Mr-Ap '61.

Fel'dt, V. V. [Guide to the use of the screen during chemistry lessons] Rukovodstvo po ispol'zovaniiu ekrana na urokakh khimii; posobie dlia uchitelia. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 109 p.

Follow-up on unpublished letters. Vest. vys. shkoly 19 no. 6-53 Je '61.

Large-scale chemical industry needs highly educated chemical technologists. N. M. Zhavoronkov. Vest. vys. shkoly 19 no. 6 21-27 Je '61.

Methods of testing and grading students' knowledge in chemistry. P. A. Gloriozov. Khim. v shkole 16 no. 2. 32-41 Mr-Ap '61.

Quizzes in chemistry in night schools. B. N. Konarev. Khim. v shkole 16 no. 2-47-48 Mr-Ap '61.

CHEMISTRY, ANALYTICAL

Alimarin, I. P. [Radioisotopes in chemical analysis] Primenenie radioaktivnykh izotopov v khimicheskom analize. Moskva, 1955. 31 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Conference on organic analysis. Z. I. Podgaiskaia, E. G. Rukhadze. Zhur. anal. khim. 16 no. 3:383-384 My-Je '61.

Problems in organic analysis. E. G. Rukhadze. Vest. AN SSSR 31 no. 5 121-123 My '61.

CHEMISTRY, ANALYTICAL—BIBLIOGRAPHY see Bibliography—Chemistry, Analytical

CHEMISTRY, ANALYTICAL—CONGRESSES

In the service of science and industry. B. Rozen. Khim. v shkole 16 no. 2 93-94 Mr-Ap '61.

CHEMISTRY, ANALYTICAL—QUALITATIVE

"Qualitative Analytische Chemie" by A. Okáč. Reviewed by I. N. Marov. Zhur. anal. khim. 16 no. 3:378-379 My-Je '61.

Use of the semimicromethod for solving experimental problems of a qualitative nature. V. S. Ogienko, S. V. Ogienko. Khim. v shkole 16 no. 2:42-47 Mr-Ap '61.

CHEMISTRY, INORGANIC

"Inorganic ultramicroanalysis" by I. P. Alimarin, M. N. Petrikova. Reviewed by A. K. Babko. Zhur. anal. khim. 16 no. 3:377-378 My-Je '61.

CHEMISTRY, LEGAL

Belova, A. V., and others. [Manual on the practical studies of forensic chemistry for pharmacology correspondence students of institutions of higher learning] Rukovodstvo k prakticheskim zaniatiiam po sudebnoi khimii, dlia studentov-zaochnikov farmatsevticheskikh vuzov. Pod obshchei red. M. D. Shvaikovoi. Moskva, I-i Mosk. med. in-t im. I. M. Sechenova, 1961. 101 p. [MICROFILM]

CHEMISTRY, MEDICAL AND PHARMACEUTICAL—CONGRESSES

Fourth International Congress on Clinical Chemistry. Vop. med. khim. 7 no. 2:215-222 Mr-Ap '61.

CHEMISTRY, METALLURGIC

Blast furnace is a chemical plant. A. Charnyi. Izobr. i rats. no. 7:10-11 Jl '61.

Chemism of the leaching process of sulfate-limestone sinters. T. I. Avdeeva, Z. S. Tkacheva. Trudy Khim.-met. inst. Sib. otd. AN SSSR. no. 15:55-59 '60.

Chemism of the sintering process of sulfate-containing aluminum charges. I. S. Lileev, R. G. Rozentreter, T. I. Avdeeva. Trudy Khim.-met. inst. Sib. otd. AN SSSR. no. 15:11-25 '60.

Studying the density, viscosity and electric conductivity of the system $TlCl_3$ - $TlCl_2$ - NaCl. B. G. Korshunov, V. I. Ionov. Izv. vys. uchob. zav.; tsvet. met. 4 no. 2: 101-106 '61.

CHEMISTRY, ORGANIC

Introduction. Trudy LTI no. 60:3-4 '60.

"Methods of organic chemistry" by Houben-Weyl. Reviewed by V. G. Tiptsova. Zhur. anal. khim. 16 no. 3: 379 My-Je '61.

CHEMISTRY, ORGANIC—CONGRESSES

Conference on organic analysis. Z. I. Podgaiskaia, E. G. Rukhadze. Zhur. anal. khim. 16 no. 3:383-384 My-Je '61.

CHEMISTRY, ORGANIC—NOMENCLATURE

At the current session of the International Commission on the Nomenclature of Organic Compounds. A. P. Terent'ev, V. M. Potapov. Zhur. VKHO 6 no. 3 343 '61.

CHEMISTRY, ORGANIC—SYNTHESIS

Some problems involved in the development of the fundamental organic synthesis industry in capitalist countries. O. V. Korsunskii. Khim. prom. no. 6:134-443 Je '61.

CHEMISTRY, PHYSICAL AND THEORETICAL—CONGRESSES

All-Union Conference on the Physical Chemistry of Fused Salts and Slags. A. I. Bellaev, E. A. Zhemchuzhina, L. A. Firsanova. Izv. vys. ucheb. zav.; tsvet. met. 4 no. 2:162-165 '61.

CHEMISTRY, PHYSIOLOGICAL see Physiological chemistry

CHEMISTRY, TECHNICAL

Current importance and aims of chemical technology. S. I. Vol'fkovich. Vest. AN SSSR 31 no. 5 60-60 My '61.

Introduction. Trudy LTI no. 60:3-4 '60.

Kokurin, A. D. [Role played by chemistry in technological progress] Rol' khimii v tekhnicheskom progresse. Leningrad, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, Leningr. otd-nie, 1961. 52 p.

CHEMNITZ—LABOR AND LABORING CLASSES

"The situation of workers and the labor movement in Chemnitz during the first half of the 19th century" [in German] by R. Strauss. Reviewed by R. A. Averbukh. Vop. ist. no. 6:177-179 Je '61.

CHENOPODIUM

Protistocide properties of phytoncides of the goosefoot Chenopodium botrys L. B. D. Stanchev, TS. Takova. Antibiotiki 5 no. 3:96 My-Je '60.

CHEREMUKHOVO (BURYAT-MONGOLIA)—MOUNDS

Archaeological excavations of a Hun mound in the Cheremukhovo ravine. Trudy Kiakht. muz. kraeved. 17 no. 1:98-100 '59.

Excavating a Hun burial mound in the Cheremukhovo ravine. N. N. Mamonova, R. F. Tugutov. Arkheol. sbor. 1,74-76 '59.

CHERENKOV RADIATION

Emission into a vacuum of Cherenkov radiation produced on longitudinal waves in a medium [with summary in English]. B. L. Zhelnov. Zhur. eksp. i teor. fiz. 40 no. 1 170-177 Ja '61.

CHEREPOVETS—JOURNALISM

Creative centers of the printed word. V. Shevelev. Sov. pech. no. 7:25-27 Jl '61.

CHEREPOVETS—METALLURGICAL PLANTS

Explorers of the future are attaining new frontiers. N. Subbotin. Metallurg 6 no. 7:30-32 Jl '61.

CHEREPOVETS—PRECAST CONCRETE

Course and conference on large-panel housing construction in Cherepovets. S. Savinov. Na stroi. Ros. no. 1:35-36 Ja '61.

CHEREVKOVO DISTRICT—SOILS

Characteristics of soils of the southern part of Cherevkovo District in Archangel Province. M. N. Pershina, V. S. Kashenko, L. G. Kel'pe. Dokl. TSKhA no. 63 143-148 '61.

CHERKASSY DISTRICT—MEDICAL CARE

Bringing specialized medical care to the rural population. A. T. Shlykov. Vrach. delo no. 4:119-121 Ap '61.

CHERKASSY PROVINCE—PHARMACY

Research and practice conference on the exchange of experience. D. S. Horbenko. Farmatsev. zhur. 16 no. 3: 33-36 '61.

CHERNIGOV—ALCOHOL

Combined processing of potatoes to starch and alcohol at the Chernigov Alcohol Trust plants. P. A. Chatskii. Spirt. prom. 27 no. 4:31-33 '61.

CHERNIGOV PROVINCE—SHEEP

Comparative evaluation of productive and biological characteristics of sheep breeds which are of greatest interest in the agricultural planning of Chernigov Province. A. D. Pyshenkin. Visnyk sil'. hosp. nauky 4 no. 6:90-94 Je '61.

CHERNOVTSY—MICROBIOLOGY

Activity of the Chernovtsy Branch of the Society of Infectious Disease Specialists, Epidemiologists, and Microbiologists. Sh. Sirota. Zhur. mikrobiol. epid. i immun. 32 no. 5 156-157 My '61.

CHERNOVTSY PROVINCE see Bukovina

CHERNOZEM SOILS see subdivision under Kharkov Province; Kokchetav Province; Ukraine

CHERNYSHEV, NIKOLAI MIKHAILOVICH, 1885-

Bubnova, L. S. Nikolai Mikhailovich Chernyshev. Moskva, Izd-vo Sovetskii khudozhnik, 1960. 86 p.

CHERRY

Type diversity in the Sakhalin cherry. E. Taleianik. Bot. zhur. 46 no. 8:869-872 Je '61.

CHERYI, GORIM GORIMOVICH

Flight - explosion. L. IUr'ev. Nauka i zhizn' 28 no. 5: 17-22 My '61.

CHESS

Chess in 1960. A. Iglitskii, E. Umnov. IUn. tekh. 5 no. 3:76-77 Mr '61.

CHESS—TOURNAMENTS

Chess composers, Olympic Games champions. IUn. tekh. 5 no. 3:78-80 Mr '61.

CHESS PROBLEMS

Chess composers, Olympic Games' champions. IUn. tekh. 5 no. 3:78-80 Mr '61.

CHEST—SURGERY

Disturbances in external respiration in thoracic surgery. Report No. 1: Changes in respiration in relation to the position of the patient on the operating table [with summary in English]. G. V. Gulianov. Eksper. khir. 4 no. 6:30-37 N-D '59.

CHEST—WOUNDS AND INJURIES

Legal medical evaluation of closed injuries of the thoracic cavity as revealed by data from the Office for Legal Medical Evaluation of the Ministry of Public Health of the Uzbek S. S. R. V. Akbarov. Med. zhur. Uzb. no. 5 65-70 My '61.

CHICAGO—CONGRESSES

Session of the signaling section of the American Railway Association. I. S. Gluzman, Avtom., telem. i sviaz' 5 no. 5 46-47 My '61.

CHICAGO—JOURNALISM—CONGRESSES

Frank conversation in the Sheraton Hotel. Al. Romanov. Sov. pech. no. 7:51-54 Jl '61.

CHIGGERS (MITES) see subdivision under Vietnam, North

CHILD STUDY

Influence of relations with closely related adults on the development of young children. M. I. Lisina. Vop. psikhol. 7 no. 3:117-124 My-Je '61.

CHILDBIRTH—PSYCHOLOGY

Psychoprophylactic preparation of pregnant subjects for labor in a maternity health center. V. M. Mazurova. Akush. i gin. 37 no. 1,69-72 '61.

CHILDREN see subdivision under Africa

CHILDREN—CARE AND HYGIENE
(see also subdivision under Ukraine; White Russia)

A healthy child is the good fortune of a family. IU. F. Dombrovskaia. Sov. kras. krest. 11 no. 3,5-6 My-Je '61.

"Hygiene of school-age children" by M. A. Gavrilovich, A. G. Saet, V. I. Shchigel'skii. Reviewed by M. Pilotskii. Zdrav. Bel. 7 no. 5 74 My '61.

Our children. Z. T. Fedorova. Sov. kras. krest. 11 no. 3: 4-5 My-Je '61.

Problems in child and adolescent hygiene at the First All-Russian Congress of Hygienists and Sanitary Physicians. E. M. Belostotskaia. Gig. i san. 26 no. 1:117-119 Ja '61.

"Statistics of health and medical care of children" by R. I. Sifman. Reviewed by L. Kaminskii. Vest. stat. no. 6,74-76 '61.

CHILDREN—DISEASES

Results of the 10-day meeting on endocrinology and the conference of the Ukrainian Institute of Experimental Endocrinology. D. O. Obliiarov. Med. zhur. Uzb. no. 1: 78-80 Ja '61.

CHILDREN—EMPLOYMENT

Practical work in summer. R. G. Sapozhnikova. Sov. kras. krest. 11 no. 3:31 My-Je '61.

CHILDREN—GROWTH see subdivision under Khabarovsk

CHILDREN—HOSPITALS see subdivision under Kislovodsk

CHILDREN—LANGUAGE

Some peculiarities in the dialogue of small children [with summary in English]. T. Slama-Cazacu Vop psikhol 7 no 2 97-106 Mr-Ap '61

CHILDREN—MANAGEMENT

Discussing the conscience. I. Gushchin Nar. obr. no 7:63-64 Jl '61

CHILDREN—NUTRITION

Bactericidal properties of the skin under varying conditions of children's diet [with summary in French] M IA Evtodieva Sbor. nauch rab po lepr i derm no 11:115-119 '59

CHILDREN—PHOTOGRAPHY see Photography of children

CHILDREN—RECREATION see Amusements

CHILDREN—SURGERY

Emergency surgery in childhood [in Azerbaijani with summary in Russian]. I. S. Ginzburg. Azerb. med. zhur. no. 6:19-24 Je '61.

Splenectomy in children in splenogenic liver cirrhosis [with summary in English, p. 62] A. I Generalov Probl gemat i perel krovi 5 no 1:26-29 Ja '60

CHILDREN, ABNORMAL AND BACKWARD see Handicapped children

CHILDREN, BLIND

Etiology of blindness in childhood. A. M. Rodyhina and others. Ped., akush. i gin. 23 no. 1 20-23 '61

CHILDREN AND ANIMALS

Children and animals N. B. Korostelev Zdorovie 7 no. 7:16-17 Jl '61.

CHILDREN'S CLUBS see subdivision under Moscow; Novosibirsk; Zaporozh'ye

CHILDREN'S LIBRARIES see also subdivision 'Libraries, Children's' under Leningrad

CHILDREN'S LITERATURE see subdivision under Italy

CHILDREN'S LITERATURE—BIBLIOGRAPHY see Bibliography—Children's literature

CHILDREN'S PLAYS

(see also subdivision under Great Britain; Moscow; Moscow Province; Sverdlovsk)

Children in art. S. Obraztsov. Teatr 22 no 6:40-45 Je '61.

A legend about the juvenile viewer I. Segedi. Teatr 22 no. 6 68-70 Je '61

Must children have theater? L. Nevler. Teatr 22 no. 6:154-156 Je '61

On a high mountain L. Makar'ev. Teatr 22 no 6: 54-60 Je '61

On those who view tales.. A Mikhailova. Teatr 22 no. 6 77-80 Je '61.

Our forty years. K. Shakh-Azizov. Teatr 22 no. 6 46-53 Je '61.

Pioneer theater. I. Uvarova. Teatr 22 no. 6:177-179 Je '61.

Poor young relatives. L. Bulgak. Teatr 22 no 6 157-166 Je '61.

The tasks of education and educational "prejudices." L. Shpet. Teatr 22 no. 6:60-65 Je '61.

CHIMKENT—HYDROLYSIS

New chemical processes in a hydrolysis plant. Nar. khoz. Kazakh. 19 no. 6.06 Je '61.

CHIMKENT—MITES

A new mite species of the family Tyroglyphidae (Acarina,

Pulmonary gas exchange in different cow strains under conditions of a hot climate. I. Z. Akhmetov. Uzb. biol zhur. no. 3:72-76 '61.

CHIMPANZEES

Study of the capacities of a chimpanzee to reproduce graphic movements of man [with summary in English]. Vop. psikhol. 7 no. 2:107-118 Mr-Ap '61.

CHINA—CHOLERA, ASIATIC

Endemic character of cholera in China [with summary in English]. S. Dzharylgasov. Zhur. mikrobiol. epid. i immun. 32 no. 4 123-127 Ap '61.

CHINA—CLIMATE

Ch'en Shih-hsun. [The climate of China. Translated from the Chinese] Klimat Kitaia, Moskva, Izd-vo inostr. lit-ry, 1961. 343 p.

CHINA—COMMUNIST PARTY

Forty years in the forefront of the Chinese people. Kommunist 38 no. 10:11-20 Jl '61.

United family of brotherly nations. A. Ninin. Az. i Afr. sog. no. 6:56-57 Je '61.

CHINA—ECONOMIC CONDITIONS

Forty years in the forefront of the Chinese people Kommunist 38 no 10:11-20 Jl '61

CHINA—FUNGICIDES

Organization of investigations on insecticides and fungicides in the Chinese People's Republic. K. A. Gar. Zashch. rast. ot vred. i bol. 5 no. 1:45-46 Ja '60.

CHINA—GEOLOGY, STRATIGRAPHIC

All-Chinese conference on stratigraphy Razved i okh. nedr 26 no 2 63-64 F 60

CHINA—INSECTICIDES

Organization of investigations on insecticides and fungicides in the Chinese People's Republic. K. A. Gar. Zashch. rast. ot vred. i bol. 5 no. 1:45-46 Ja '60.

CHINA—MATERIA MEDICA

"Principal drugs in the Chinese medicine" by I. I Ibragimov, V. S. Ibragimova Reviewed by V. G. Vogralik Uzb. biol. zhur no. 3.77 '61.

CHINA—MINERAL INDUSTRIES

Development of the mining industry in China. Cheng Yueh-sheng Gor. zhur no. 4:18-22 Ap '60

CHINA—NATIONALITIES

United family of brotherly nations. A. Ninin. Az. i Afr. sog. no. 6:56-57 Je '61.

CHINA—ORNITHOLOGICAL RESEARCH

Ornithological observations in China. A. P. Kuziakin Ornitologiia no 3 467-472 '60

CHINA—RECLAMATION OF LAND

Reclaiming virgin lands in China. O. Lahciskii. Ekon. sel'khoz 32 no 6.115-118 Je '61.

CHINA—SURVEYING

Basic regulations on the state geodetic network in the Chinese People's Republic, a project Geod i kart no. 5:70-75 My '61.

CHINA, CENTRAL AND SOUTH—WOMEN—EMPLOYMENT

In the south of China [with English summary in insert] *Orest Maltsev Az i Afr. sog. no. 5:17-48 My '61*

CHINESE CHESS

TSentral'naia stanitsiia iunykh tekhnikov, Moscow. [Chinese chess] Kitaiskie shakhmaty. [Moskva] Izd-vo "Detskii mir," 1961. 1 fold. l. (Prilozhenie k zhurnalu "IUnyi tekhnik," no. 14(104))

CHINESE LANGUAGE

Korotkov, N. N., and others. [Chinese language] Kitaiskii iazyk. Pod obshchei red. G. P. Serdiuchenko. Moskva, Izd-vo vostochnoi lit-ry, 1961. 133 p. (IAzyki zarubezhnogo Vostoka i Afriki)

CHINGIS-TAU—COPPER ORES

Mayilishat copper-ore deposits in the Chingis Range A. A. Abdulin, D. S. Kunaev, K. U. Ryabekov Vest. AN Kazakh SSR 17 no 6:60-70 Je '61.

CHINGIS-TAU—GOLD ORES

Mayilishat copper-ore deposits in the Chingis Range A. A. Abdulin, D. S. Kunaev, K. U. Ryabekov. Vest. AN Kazakh. SSR 17 no. 6 60-70 Je '61.

CHIPMUNKS see subdivision under Baikal Lake region

CHIRKOV, BORIS PETROVICH, 1901-

Return to children. A. Kobrina. Teatr 22 no. 6:159-160 Je '61.

CHIRONOMIDAE

al foundations of the growth of chironomid A. S. Konstantinov, A. V. Luzina TSitologiia 341-344 My-Je '61.

[illegible] chironomid larvae without a silt substrate. A. S. Konstantinov. Ryb. khoz. 37 no. 4:40-41 '61.

Study of the feeding habits of larvae of Procladium choreus Meigen (Diptera, Tendipedidae) [in Azerbaijani with summary in Russian] A. G Kasymov Dokl. AN Azerb. SSR 17 no. 4:341-344 '61.

CHISTIAKOV, GEORGII PETROVICH, d. 1961

Georgii Petrovich Chistiakov. Mekh. stroi. 18 no. 4: 3 of cover Ap '61.

CHISTOPOL'—LIQUOR INDUSTRY—EQUIPMENT AND SUPPLIES

Improved jar washer, B. V. Berdnikov. Spirt. prom. 27 no. 4:35-36 '61.

CHITA—RESEARCH

Organization of a Transbaikal General Research Institute. Vest. AN SSSR 31 no. 6:05 Je '61.

CHITA PROVINCE—TULAREMIA

Natural tularemia focus in Chita Province. IU. D. Ochirov, D. I Pochekunin. Zhur. mikrobiol epid. i immun. 32 no. 5.66-67 My '61

CHIVYRKUY BAY—BIRDS—EGGS AND NESTS

Nesting of birds on the islands of Chivyrkuy Bay and Lake Rangotuy O. K Gusev Trudy Vost -Sib fil AN SSSR no 23 69-88 '60

CHKALOV see Orenburg

CHKALOV PROVINCE see Orenburg Province

CHLORATES

Determination of hypochlorites, chlorites, and chlorates present simultaneously by means of arsenite using OsO_4 as a catalyst [with summary in English]. P. K. Norkus, A. IU. Prokopchik. Zhur. anal. khim. 16 no. 3:323-326 My-Je '61.

CHLORIDES

Chlorides of N-arylsulfonylarenimino sulfonic acids Part 2. E. S. Levchenko, N. IA. Derkach, A. V. Kirsanov Zhur. ob. khim 31 no 6:1971 Je '61

Preparation of high purity alkaline earth chlorides and carbonates, sodium chloride, ammonium molybdate, and ammonium tungstate I. I Angelov and others. Trudy IREA no 22 159-162 '58

Reactivity of some tertiary chlorides and their derivatives in the Grignard reaction. A. D. Petrov, E. P. Zakharov. Izv. vys. ucheb. zav., khim. i khim. tekh. 3 no. 2 301-304 '60.

Regularity in the enthalpy of formation of oxides and hydroxychlorides B. N Sharupin, L. V Vasil'kova. Zhur. ob. khim. 31 no 6 2077-2078 Je '61

CHLORINATION

Anthraquinone series. Part 32: Oxidative chlorination of anthraquinone-α-sulfonic acid with various oxidizing agents V. V. Kozlov, A. A Davydov. Zhur ob khim 31 no 6:2049-2052 Je '61.

Kinetics and reactivity during the halogenation of aromatic compounds in the presence of metal halides Part 1: Chlorination with ferric chloride as the catalyst. N. N Lebedev, I. I Baltadzhi Kin. i kat. 2 no 2 197-204 Mr-Ap '61

Particular aspects of phenylmethyldichlorosilane chlorination G. V. Motsarev, V. R Rozenberg, IA. I Mindlin. Zhur. VKHO 6 no. 3 353-354 '61.

Preparation of high-purity selenium from commercial selenium by chlorination in an atmosphere of hydrochloric acid. V. V. Safonov, P. S. Kindiakov. Izv. vys. ucheb. zav.; tavet. met. 4 no. 2:88-91 '61.

CHLORINE

Current efficiency and voltage in a diaphragm-type bath of considerable height. A. T. Kolotukhin, E. V. Mulin. Khim. prom. no. 5 313-316 My '61.

CHLORINE—ANALYSIS

Determination of chlorine in the presence of sulfur in petroleum products and additives to lubricants N. V. Ogareva. Khim. sera i azotorg soed v nefti. i nefteprod 3.151-154 '60.

CHLORINE OXIDE

Density in the system chloric anhydride - water. V. IA. Rosolovskii, A. A. Zinov'ev, V. A. Prokhorov. Zhur. neorg. khim 5 no 3 692-694 Mr '60.

CHLORITES

Determination of hypochlorites, chlorites, and chlorates present simultaneously by means of arsenite using OsO_4 as a catalyst [with summary in English]. P. K. Norkus, A. IU. Prokopchik. Zhur. anal. khim. 16 no. 3:323-326 My-Je '61.

CHLOROMYCETIN

Change in the properties of Proteus under the influence of antibiotics. Report No 3 Comparative study of the properties of various forms of Proteus following synthomycin therapy for associated purulent infection. Kh. A. Kutdusova. Zhur. mikrobiol. epid. i immun 31 no. 12 101-102 D '60.

Effect of cortisone on the therapeutic effects of levomycetin in acute experimental infections [with summary in English] V. A. Liashenko. Antibiotiki 5 no. 3:1-4 My-Je '60.

Intermittent-cyclical use of synthomycin in typhoid fever. I. G. Kubasov. Vrach. delo no. 4:104-105 Ap '61.

Result of a study on synthomycin sensitivity in dysenterial microbes, isolated in Blagoveshchensk, and some clinical problems in dysentery. N. N. Ostrovskii. Zhur. mikrobiol. epid. i immun 32 no. 2:126-127 F '61.

CHLOROPHYLL

Chlorophyll-bearing cells in the xylem of leaf stalks of dicotyledonous plants [with summary in English]. M. N. Moiseieva Dop. AN URSR no. 5:674-677 '61.

Nonphotosynthetic function of chlorophyll in plants [with summary in English]. S. I. Radchenko, N. D. Iakovleva Bot. zhur. 46 no. 6:799-802 Je '61.

Photoconductivity kinetics of chlorophyll and green leaf pigments E. K Putseiko. Dokl. AN SSSR 138 no 6: 1381-1384 Je '61

Study of the structure of aggregated chlorophyll forms [with summary in English] E. M. Belavtseva, L. M. Vorob'eva, A. A. Krasnovskii. Biofizika 4 no. 5:521-532 '59.

CHLOROSULFONIC ACID

Determination of sulfuryl chloride in the presence of chlorosulfonic acid. G. V Zavarov. Zav lab 27 no. 6 670-672 '61.

CHLOROSULFONYLATION

Sulfochlorination of polypropylene [with summary in English] D E. Il'ina, B A Krentsel', A V. Topchiev Vysokom soed 3 no. 7 995-999 Jl '61.

CHLORPROMAZINE

Aminazine treatment of patients with schizophrenia suffering from pulmonary tuberculosis [with summary in French] F A. Kivimiagi, E A IUdovich Zhur. nevr. i psikh. 61 no 2 247-250 '61.

Change in thermoregulation in schizophrenics during treatment with aminazine. N. K. Vitte, I. A. Mizrykhin, E. P. Topchieva. Vrach. delo no. 4:97-100 Ap '61.

Changes in pain adaptation in patients with hypertension under the influence of aminazine. D. A Ryklis, E. I Rozentsveig. Zdrav Turk. 5 no. 1-17-21 Ja-F '61

Effect of aminazine on complex conditioned reflex activities in dogs. O N. Veovodina. Farm. i toks 24 no. 2 131-136 Mr-Ap '61.

Effect of aminazine on the correlation of vegetative and motor components of conditioned defense reactions in animals in ontogenesis [with summary in English]. G. M. Nikitina. Zhur. vys. nerv. deiat. 11 no. 2:320-327 Mr-Ap '61.

Effect of aminazine on the course of unilateral conditioned reflexes [with summary in English]. I. A Lapina. Zhur. vys. nerv. deiat. 11 no. 2.260-264 Mr-Ap '61.

Effectiveness of Lorrain's test in the control of aminazine dosage [with summary in French]. M. M. Vol'pe. Zhur. nevr. i psikh. 61 no. 2:232-235 '61.

Electrophysiological studies on the mechanism of action of aminazine [with summary in French]. L. G. Voronin and others. Zhur. nevr. i psikh. 61 no. 2:209-217 '61.

Experiments on the physiological analysis of anaphylaxis and its inhibition by aminazine. V. I Luk'ianenko. Dokl. AN SSSR 136 no. 5:1234-1237 Je '61.

Immunological reactivity in patients with schizophrenia during treatment with insulin and neuroleptic drugs [with summary in French]. L. S. Kulikov. Zhur. nevr i psikh. 61 no. 2 201-207 '61.

Preparation of patients for pneumoencephalography with aminazine in association with nembutal [with summary in French]. A N. Ignat'ev, I. V. Silina. Zhur. nevr. i psikh 61 no 2.251-253 '61.

Results of electroencephalographic studies on patients with a paranoid form of schizophrenia during treatment with aminazine. Report No. 2 [with summary in English]. N IA Helen'skaia. Zhur. nevr. i psikh. 61 no. 2:218-227 '61.

Treatment of patients with schizophrenia with prolonged uninterrupted sleep and a simultaneous application of aminazine [with summary in French]. V. P. Kutin. Zhur. nevr i psikh. 61 no. 2:228-231 '61.

CHLORPROMAZINE—TOXICOLOGY

Treatment of infiltrations after aminazine injections [with summary in French]. L. M. Plotnikov. Zhur. nevr. i psikh. 61 no. 2:251-255 '61.

CHOLERA, ASIATIC

(see also subdivision under China)

History of plague and cholera control in the Russian fleet A. A Keller Zhur. mikrobiol epid. i immun. 31 no 12 125-137 D '60.

Materials on the history of a study of cholera epidemiology in Russia N. F Kramchaninov. Zhur. mikrobiol. epid i immun. 31 no. 3.129 Mr '60.

CHOLESTEROL

Cholesterol content of the blood of middle-aged and older persons engaged in group general physical training. P. M. Babarin, R. E. Motylianskaia. Teor. i prak. fiz. kul't. 23 no. 5.673-676 '60.

Effect of novocaine on arterial pressure and the development of experimental arteriosclerosis [with summary in English]. N. T. Kovaleva. Pat. fiziol., eksp. terap. 5 no. 3 30-33 My-Je '61.

Effect of vegetable fats and solid hydrogenated vegetable fat on the content of cholesterol, phospholipids, and total lipids in the blood serum of various population groups [with summary in English]. S. Simic, V. Rakovic, R. Markovic Vop. pit. 20 no. 3.26-33 My-Je '61.

CHOLINE

Effect of carbocholine on gastric secretion. A. IA. Martynova. Uch. zap. Omsk. gos. ped. inst. no. 12:85-114 '59.

Effect of carbocholine on the secretion of the parotid gland. A. IA. Martynova. Uch. zap. Omsk. gos. ped. inst. no. 12.81-83 '59.

Effect of cholinomimetic substances on coronary circulation [with summary in English]. N. V. Kaverina. Farm. i toks. 24 no. 2:168-172 Mr-Ap '61.

Effect of food stimulation on the cholinolytic activity of the gastric mucosa. IA. P. Skillarov, L. N. Karpenko. Fiziol. zhur. 47 no. 4:472-474 Ap '61.

Effect of ionizing radiation on acetylcholine metabolism in Macaca rhesus [with summary in English]. N. N. Demin, N. V. Korneeva, V. A. Shaternikov. Biokhimiia 26 no. 3:494-498 My-Je '61.

Effect of vitamin B_{12} and choline on the phospholipid level of the blood of patients with liver cirrhosis [with summary in English] Z. F. Denisenko Vop pit 20 no 3 23-28 My-Je '61.

Mechanism of action of acetylcholine on urination B. A Pakhmurnyi. Fiziol. zhur 47 no 4:479-482 Ap '61

CHOLINESTERASE

Adaptive function of the sympathetic innervation of the nasal mucosa [with summary in English]. G. S. Izmailov. Zhur. ush., nos. i gorl. bol. 20 no. 4:18-21 Jl-Ag '60.

Anticholinesterase activity and toxicity of the sulfoxide and sulfone of M-74 [with summary in English] IU S Kagan, Z. V. Ivanova. Farm. i toks. 24 no. 2 220-223 Mr-Ap '61.

Effect of vitamin A and thyroidin on the activity of catalase and cholinesterase in white rats [with summary in English]. L. S. Polyatina, M. B. Lutsiuk Ukr. biokhim zhur. 33 no. 3:392-395 '61.

Kinetics of interaction of a true cholinesterase of erythrocytes with organophosphorus inhibitors S M Markov, N A Loshadkin, A V Ramzhaev Zhur. VKHO 6 no. 3 357-358 '61

Reactivation of cholinesterase and experimental treatment of mercaptophos poisoning. IU. S. Kagan. Pat. fiziol. i eksp. terap. 5 no. 1 63-65 Ja-F '61.

CHORAL MUSIC—BIBLIOGRAPHY see Bibliography—Choral music

CHORBA, NIKOLAI GRIGOR'EVICH, 1904-1961

N. G. Chorba; obituary. Sakh. prom. 35 no. 6:79 Je '61.

CHOREOGRAPHY—BIBLIOGRAPHY see Bibliography—Choreography

CHORNY, KUZ'MA, 1900-1944

Works of a White Russian critic ("Road to literary mastery; development of K. Chorny's style" and "The creative method; literary criticism" by A. M. Adamovich. Reviewed by L. Novichenko). Vop. lit. no. 11: 214-221 N '59.

CHROMATOGRAPHIC ANALYSIS

Chmutov, K. V., and V. T. Avgul'. [Automatic instruments in chromatographic column analysis] Avtomaticheskie pribory v kolonochnom khromatograficheskom analize. Moskva, Izd-vo Akad. nauk SSSR, 1961. 52 p.

Gas-liquid chromatography. S. L. Sosin. Priroda 50 no. 7:101-104 Jl '61.

Microionization detector for capillary gas-liquid chromatography on promethium-147 without the use of additional gas admission. IU. A. Frank, M. I IAnovskii Kin. i kat. 2 no. 2:292-294 Mr-Ap '61.

CHROMATOPHORES

Dynamics of chloroplast granules in the bark of tree shoots in spring and winter IU. M. Agaev. Izv AN Azerb. SSR. Ser. biol. i med nauk no 2 19-24 '61

CHROMITE see subdivision under Aktyubinsk Province

CHROMITE—ANALYSIS

Chemical-mineralogical composition of chromite ores and transformations occurring during roasting. S. M. Zubakov, B. N. Kurlyshev, E. N. IUsupova. Trudy Inst. met. i obogashch. AN Kazakh. SSR 3:201-211 '60.

CHROMIUM

Chromium in bean-conglomerate iron ores in the Serov deposit (Northern Urals). A. V. Vtorushin, N. A Egorova, N. F Obotnin. Izv vys. ucheb. zav., geol. i razv. 4 no. 4 79-85 Ap '61.

Manufacture of semifinished products from high-purity chromium [from "Metallurgical Reviews," no 16, 1959]. G. N. Krucher TSvet. met. 34 no. 2:94-95 F '61.

CHROMIUM—METALLOGRAPHY

Characteristics of changes in the fine crystal structure of chromium and its alloys during deformation S. S Gorelik, N. N. Miuller. Izv. vys. ucheb. zav., chern. met 4 no. 6 129-131 '61.

CHROMIUM ALLOYS—ELECTROMETALLURGY

Investigation of processes in the interaction of chromium oxide with silicon, manganese and iron by the electromotive force method. V. I. Orlov and others. Izv. vys. ucheb. zav., chern. met. 4 no 5:28-36 '61.

CHROMIUM COMPOUNDS—CONGRESSES

Conference on prospects for the development and technological progress in the production of chromium compounds. A. M. Poliak. Zhur. VKHO 6 no. 3 345 '61.

CHROMIUM-IRON ALLOYS see Iron-chromium alloys

CHROMIUM-LANTHANUM ALLOYS

Phase diagram of the alloys in the system chromium - lanthanum. E. M. Savitskii, V. F. Terekhova, A. V. Kholopov. Zhur. neorg. khim. 5 no. 3:754-755 Mr '60.

CHROMIUM-NICKEL ALLOYS see Nickel-chromium alloys

CHROMIUM-NICKEL-IRON ALLOYS see Nickel-chromium-iron alloys

CHROMIUM-NICKEL STEEL

Copperweld coatings on chromium-nickel steel. E. A. Asnis, V N Zamkov. Svar. proizv. no. 7 20-22 Jl '61.

CHROMIUM-NICKEL STEEL—METALLOGRAPHY

Effect of austenite-forming additions on the properties of Kh28 steel [with summary in English] A A Babakov, T. A Zhadan Stal' 21 no 3 276-279 Mr '61.

CHROMIUM PLATING

Preliminary treatment of the aluminum surface as a factor in cathodic polarization during the electrodeposition of chromium B I. Ivanov, V. L. Khrdiakov Izv. vys. ucheb. zav. khim i khim tekh. 3 no. 2.330-331 '60

CHROMIUM STEEL—HEAT TREATMENT

Electric tempering of chromium steel. V. N. Gridnev, IU. IA. Meshkov. Metalloved. i term. obr. met no 6 2-4 Je '61.

CHROMIUM STEEL—METALLOGRAPHY

Effect of the composition of chromium-aluminum steels on the extent of their spotty segregation [with summary in English] A T. Pereviazko, N. M Chuiko Stal' 21 no 3 267-271 Mr '61

High-chromium steels with titanium and nitrogen are satisfactory substitutes for 1Kh18N9 and 1Kh18N9T steels [with summary in English] D. A. Odesskii, M F Alekseenko Stal' 21 no 3 262-266 Mr '61

CHROMIUM-TITANIUM ALLOYS see Titanium-chromium alloys

CHROMIUM-TITANIUM-ALUMINUM ALLOYS see Titanium-aluminum-chromium alloys

CHROMOSOMES

Estimating the effect of radiation on human heredity by taking into account chromosomal diseases V P Efroimson Biul MOIP, Otd. biol 66 no. 3 150-152 My-Je '61.

Experimental analysis of the effect of radiation on cell nuclei in the culture of embryonic human tissues. N. P. Dubinin, IU. IA. Kerkis, L. I. Lebedeva Dokl. AN SSSR 130 no 5:1212-1215 Je '61.

Relation between secondary constrictions of chromosomes and nucleoli. P. K Shkvarnikov. Izv Sib otd AN SSSR no. 6:75-83 '61.

CHRYSOCOLLA

Flotation of chrysocolla. T. G. Gutsaliuk, M. A. Sokolov, M. P. Korablina. Izv. AN Kazakh. SSR. Ser met. i obog. i ogneup. no. 1:3-7 '61.

CHU VALLEY—GOITER

Age-related changes in the thyroid gland and forms of endemic goiter in the Chu Valley. S. Kh Khamitov. Izv AN Kir SSR. Ser. biol. nauk 2 no. 6 53-56 '60.

Amount of iodine in local food products, water sources, and soils of the Chu Valley in connection with the study of the etiology of endemic goiter U. B. Baizakov Izv. AN Kir SSR. Ser. biol nauk 2 no 6 23-26 '60.

Reduction of endemic goiter in the eastern regions of the Chu Valley of the Kirghiz S. S. R during a 12-year period. I. D Pefty, O A. Kokkorov, U. B Baizakov Izv. AN Kir SSR. Ser. biol nauk 2 no. 6 5-16 '60.

Study of the diffusion of endemic goiter in the western districts of the Chu Valley. S. F. IUldasheva Izv. AN Kir SSR. Ser. biol. nauk 2 no 6 73-77 '60

CHU VALLEY—WATER—COMPOSITION

Chemical character of water in the lower course of the Chu River. E. V. Posokhov. Gidrokhim. mat 32 131-147 '61.

CHUCKS

Safety chuck for machine taps. M. P. Kozlov. Mashinostroitel' no. 6:18 Je '61.

Self-disengaging chuck for cutting and rolling-in screw threads. A. M Girel' Stan. i instr 32 no 7:37-38 Jl '61.

CHUKCHI SEA REGION—HUNTING

Leont'ev, V. V. [On the Chukchi Sea] V Chukotskom more. [Magadan] Magadanskoe knizhnoe izd-vo, 1961. 60 p.

CHURCH AND STATE

The editor's mail. Voiov. ateist no. 2:26 F '61.

CHURCH SUPPLIES

A newspaper and church profiteers. N. Banishev. Agitator no. 7:51-52 Ap '61.

CHUSOVAYA—IRON ORES

Distribution of iron-ore horizons in the Pashiya series of the Chusovaya area in the Urals and the age of the "Pashiya" bauxite horizon. B. F. Gorbachev. Uch. zap. Kaz. un. 120 no. 4:58-66 '60.

CHUSOVAYA VALLEY—BAUXITE

Distribution of iron-ore horizons in the Pashiya series of the Chusovaya area in the Urals and the age of the "Pashiya" bauxite horizon. B. F. Gorbachev. Uch. zap. Kaz. un. 120 no. 4:58-66 '60.

CHUSOVAYA VALLEY—GEOLOGY, STRATIGRAPHIC

Takata series in the middle Chusovaya River. IU. R. Bekker. Mat. VSEGEI Ob ser. no. 28 87-90 '60.

CHUVASHIA—CONSTITUTION

Chuvash A. S. S. R. Constitution. [Constitution (fundamental law) of the Chuvash Autonomous Soviet Socialist Republic, with amendments adopted at the third and fourth sessions of the Fifth Supreme Soviet of the Chuvash A. S. S. R.] Konstitutsiia (osnovnoi zakon) Chuvashskoi Avtonomnoi Sovetskoi Sotsialisticheskoi Respubliki, s izmeneniiami i dopolneniiami, prinitymi na III i IV sessiiakh Verkhovnogo Soveta Chuvashskoi ASSR piatogo sozyva. Cheboksary, Chuvashskoe gos. izd-vo, 1961. 27 p.

CHUVASHIA—EDUCATION

Schools of Chuvashia today. M. Zaitsev. Nar. obr. no. 6: 24-28 Je '61.

CIDER

Investigating the quality of cider from various apple varieties. A. M. Ul'ianov. Dokl. TSKhA no. 59 47-52 '60.

CINNAMON, FOSSIL see subdivision under Kosov region

CIRCUITS, BRIDGE see Bridge circuits

CIRCUITS, ELECTRIC see Electric circuits

CIRCULAR SAWS

Analyzing instability areas in circular saws. G. I. IUzefovich. Izv. vys. ucheb. zav., les. zhur. 4 no. 2 112-120 '61.

Increasing the strength of circular saws. I. E. Davel'man. Stan. i instr. 32 no. 7:39 Jl '61.

Stresses due to cutting force in circular saws of constant thickness. G. S. Gurkin. Izv. vys. ucheb. zav., les. zhur. 1 no. 2:102-111 '61.

CIRCUS

Sosin, A. I., and M. P. Lobodin. [People who bounce like balls; 55 years in the circus ring.] Liudi-miachiki, 55 let na arene tsirka. Leningrad, Gos. izd-vo "Iskusstvo," 1960. 171 p.

CITIES AND TOWNS, RUINED, EXTINCT, ETC see subdivision under Port Royal (Jamaica)

CITRIC ACID

In the Republican House of Technology. Prom. Arm. 4 no. 1:76-77 Ja '61.

Some characteristics of the bromination of citric acid. E. IU. Shvarts, A. A. Petrov, Kh. V. Bat'ian. Trudy LTI no. 60:78-84 '60.

CITRUS FRUITS—DISEASES AND PESTS

Virus diseases of citrus plants and quarantine; survey of foreign literature. D. P. Dovnar-Zapol'skii. Zashch. rast. ot vred. i bol. 5 no. 1:40-47 Ja '60.

CITY PLANNING

(see also subdivision under Armenia; Chelyabinsk; Dnepropetrovsk Province; Finland; Germany, East; Kalinovka; Kharkov; Khmel'nitskiy Province; Kostee; Kiyukovo, Moscow Province; Leningrad; Magnitogorsk; Milan; Moscow, Okhta; Podol'sk District; Russia, Northern; Siberia; Sverdlovo; Ukraine; Ul'yanovsk)

Conference on the problems of planning and building commercial enterprises, public eating places, and community service establishments. Arkhit. SSSR no. 5:64-3 of cover '61.

Effect of city limits of a complex distribution of industry. G. Kaplan. Arkhit. SSSR no. 5, 41-43 '61.

Integrated series of large-panel apartment houses and community buildings. N. Naumova. Arkhit. SSSR no. 3:

CLASSIFICATION OF SCIENCES

Place of hydrochemistry in the system of natural sciences. O. A. Alekin. Gidrokhim. mat. 32 3-11 '61.

CLAY

(see also subdivision under Azerbaijan, Ukraine, White Russia)

Gor'kova, I. M., and others. [Nature of stability and deformation characteristics of clay rocks in connection with conditions determining their formation and wetting.] Priroda prochnosti i deformatsionnye osobennosti glinistykh porod v zavisimosti ot uslovii formirovaniia i uvlazhneniia. Moskva, Izd-vo Akad. nauk SSSR, 1961. 152 p. (Akademiia nauk SSSR. Laboratoriia gidrogeologicheskikh problem. Trudy, vol. 29)

Heat of wetting and the content of permanently bound water in clay rocks [with summary in English]. N. P. Zatenatskaia. Pochvovedenie no. 4 47-55 Ap '61.

Study of the adsorptive properties of clays. N. K. Nadirov, E. P. Startseva. Khim. v shkole 16 no. 2 63-66 Mr-Ap '61.

Thermography of caustobiolites and clayey minerals. N. V. Logvinenko, S. I. Shumenko. Izv. AN SSSR Ser. geol. 26 no. 6:101-109 Je '61.

CLAY—ANALYSIS

(see also subdivision under West Siberian Plain)

Separation of free (nonsilicate) iron and aluminum from soils and clays [with summary in English]. I. G. Tsiurupa. Pochvovedenie no. 4:96-106 Ap '61.

CLAY—CLASSIFICATION

Practice of crystallochemical classification of clay minerals and mixed-layered clay formations [with summary in English]. V. A. Frank-Kamenetskii. Vest. LGU 16 no. 12:5-17 '61.

CLEANING COMPOUNDS

Synthesis of a detergent from polyglycolic ether of tert-octylphenol. V. I. Isaguliants, E. I. Gel'zina. Masl.-zhir. prom. 27 no. 6:25-27 Je '61.

Unit for regenerating the wash liquid. P. I. Shashkin and others. Vest. mash. 41 no. 7:75-76 Jl '61.

Use of emulsifying detergent solutions for cleaning the inner surfaces of petroleum pipelines prior to their painting. A. A. Ginik, E. M. Tikhova. Lakokras. mat. i ikh prim. no. 3:39-42 '61.

CLEANING MACHINERY AND APPLIANCES

KhMV-150 pneumatic sack-cleaning machine. A. Demskii. Muk.-elev. prom. 27 no. 6:18-19 Je '61.

Machine for cleaning electrode rods. G. N. Strekalov. Mashinostroitel' no. 6:20 Je '61.

CLEARING OF LAND

(see also subdivision under Ukraine)

K-2A stump grubber. M. P. Alibakov, I. P. Chernikov. Trakt. i sel'khozmash. 31 no. 6:39 Je '61.

Stump grubber. V. Maiorov. Tekh. v sel'khoz. 21 no. 6: 38-40 Je '61.

VK-1,7 machine for removing tree roots. P. P. Kornienko. Trakt. i sel'khozmash. 31 no. 7:33 Jl '61.

CLIMACTERIC

Novocaine therapy of climacteric neuroses [with summary in English]. K. N. TSutsul'kovskaia. Sov. med. 25 no. 4 79-85 Ap '61.

CLIMATOLOGY see also subdivision 'Climate' under China

CLOCKMAKING AND WATCHMAKING

(see also subdivision under Moscow; Penza)

Stamping platinum blanks for watches without waste. A. G. Antikeev, IA. I. Gorodetskii. Priborostroenie no. 6:14-15 Je '61.

plastics in the clockmaking and watchmaking ...stry. L. E. Levin. Priborostroenie no. 6:15-16 61.

S AND WATCHES

Atmos classic" clock. I. Hajek. Priborostroenie :28 Je '61.

rning railroad clocks. A. I. Shcherbakov. Avtom., n. i sviaz' 5 no. 5 41 My '61.

S AND WATCHES—ESCAPEMENTS

lzing natural-vibration period of the balance in an pment having a new-type nonfree movement . Aksel'rod. Izv. vys. ucheb. zav., prib. 4 no. 3:83- '61.

RIDIUM

ultitive medium for diagnosing the pathogens of gangrene [with summary in English]. N. V. Ploski- and others. Zhur. mikrobiol. epid. i immun. 31 1:40-44 Mr '60.

t of X-irradiation on immunity to the pathogens of gangrene and tetanus [with summary in English]. ... Nechaevskaia and others. Zhur. mikrobiol. epid. mun. 32 no. 1:113-117 Ja '61.

fication of the pathogens of botulism by means of lmocent sera [with summary in English]. T. I. ...ova, E. A. Kebanova. Zhur. mikrobiol. epid. i ...un. 31 no. 3:18-22 Mr '60.

CLOSTRIDIUM BOTULINUM

Use of the complement fixation reaction in the quantitative determination of Clostridium botulinum toxin A [with summary in English]. T. A. Kalitina. Vop. pit. 20 no. 2 62-64 Mr-Ap '61.

Use of the indirect hemagglutination reaction to indicate botulin toxins. Report No. 1. Detection of botulin toxins type A and B with the aid of the indirect hemagglutination reaction (Rytnal modification) [with summary in English]. V. A. Sinitsyn. Zhur. mikrobiol. epid. i immun. 31 no. 3 22-27 Mr '60.

CLOSTRIDIUM NOVYI

Regularities in complex immunization with sorbed oedematiens and tetanus toxoids [with summary in English]. A. K. Akatov. Zhur. mikrobiol. epid. i immun. 31 no. 8, 81-87 Ag '60.

CLOSTRIDIUM PERFRINGENS

Increased toxin resistance of erythrocytes in rabbits immunized with perfringens toxoid [with summary in English]. N. E. Sinabaevii, I. G. Polozova. Zhur. mikrobiol. epid. i immun. 31 no. 8:60-61 Ag '60.

Purification of toxoids of Cl. perfringens by precipitation with alcohol and acetone [with summary in English]. L. IA. Marmalevskaia, V. A. Blagoveshchenskii. Zhur. mikrobiol. epid. i immun. 32 no. 1:110-113 Ja '61.

Study of the antigenic composition of Cl. perfringens toxin and anatoxins [with summary in English]. M. V. Ispolatovskaia, L. IA. Marmalevskaia. Zhur. mikrobiol. epid. i immun. 31 no. 8 87-93 Ag '60.

CLOTHES CLOSETS

Combined locker for clothing. V. V. Lugovoi. Gig. i san. 26 no. 1 77-78 Ja '61.

CLOTHING INDUSTRY

(see also subdivision under Tiraspol')

Popkov, V. I., and V. P. Sergiev. [Work organization at garment factories.] Organizatsiia proizvodstva na shveinom predpriiatii. Izd. 2., perer. i dop. Moskva, Izd-vo nauchno-tekhn. lit-ry, 1960. 202 p.

CLOTHING WORKERS—EDUCATION AND TRAINING

Well-trained workers work more effectively. L. Kokhanovich. Komm. Bel. 35 no. 3 47-50 Mr '61.

CLOUD CHAMBER

Diffusion chamber [with summary in English]. P. I. Vasiset and others. Ukr. fiz. zhur. 6 no. 2 166-174 Mr-Ap '61.

Methane diffusion chamber for neutron spectrometry [with summary in English]. M. V. Vlasov, M. B. Fedorov, V. P. Vertebnyi. Ukr. fiz. zhur. 6 no. 2 186-190 Mr-Ap '61.

CLOUD PHYSICS

Distillation kinetics in polydispersed clouds. M. V. Biukov. Izv. AN SSSR, Ser. geofiz. no. 7 1058-1065 Jl '61.

Distribution of droplet charges in cumulus clouds. G. D. Petrov. Izv. AN SSSR, Ser. geofiz. no. 7:1085-1087 Jl '61.

Role of radiation in the formation and evolution of stratus clouds. E. I. Gogoleva. Meteor. i gidrol. no. 7:22-26 Jl '61.

Theory of cumulus clouds. L. N. Gutman. Izv. AN SSSR, Ser. geofiz. no. 7 1040-1057 Jl '61.

CLOUDS see subdivision under Black Sea

CLOVER—FERTILIZERS AND MANURES see subdivision under Transcarpathia

CLOVER BREEDING

Local clover species as parent material in breeding. A. S. Novoselova. Dokl. TSKhA no. 59:131-136 '60.

CLUBHOUSES

New experimental plan of a club for 200 persons [in Azerbaijani with summary in Russian]. N. Rzaev. Dokl. AN Azerb. SSR 17 no. 4:355-358 '61.

New experimental plan of a clubhouse for 100 persons [in Azerbaijani with summary in Russian]. N. Rzaev. Dokl. AN Azerb. SSR 17 no. 5:437-440 '61.

CLUBS MOSSES, FOSSIL see subdivision under Tuar-Kyr

CLUTCHES (MACHINERY)

Investigating toothed clutches of travel gears of cranes with low-speed shafts. V. S. Plotnikov. Trudy Ural. politekh. inst. no. 104 105-112 '61.

Making clutch disks. N. Tokarev. Sel'mekh. no. 8:29-30 '61.

Modernizing the engaging friction clutch. A. I. Krylov. Vest. mash. 41 no. 7:88 Jl '61.

CLYDE RIVER—ATOMIC SUBMARINES

Against the Holy Loch's monster. A. Pin. Vokrug sveta no. 7:30-31 Jl '61.

COACERVATES

Application of interference microscopy to coacervates [with summary in English]. T. N. Evreinova, A. V. Kuznetsova. Biofizika 6 no. 3:288-293 '61.

COAL
(see also subdivision under Tunguy Valley)

Adsorption as an explanation for germanium accumulation in coals. S. A. Gordon Nauch. trudy MGI no. 27 47-56 '59

Characteristics of interaction between halogens and coals of different types. B. I. Losev, N. S. Vorob'eva E. A. Zimakova. Khim. i tekh topl. i masel 6 no 7: 25-30 Jl '61.

Mechanism of coal formation during the decomposition of methane, ethane, ethylene, and acetylene on silica gel A. P Rudenko, A. A Balandin, M. M. Zaboltnaia, Izv. AN SSSR, Otd. khim nauk no. 6:989-995 Je '61

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut mineral'nogo syr'ia. [Industry's requirements as to quality in mineral raw materials; a handbook for geologists] Trebovaniia promyshlennosti k kachestvu mineral'nogo syr'ia, spravochnik dlia geologov. Izd. 2., perer. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr.
No. 66. Vasil'ev, P. V. [Coal] Ugol'. Nauchn. red. G. S. Kalnykov. 1960. 110 p.

COAL—ANALYSIS

Analysis of the factors affecting the core extracted by double coring tools in coal mining S S Sulakshin, A A Grebeniuk Izv vys. ucheb. zav., geol i razv 4 no 3 115-125 Mr '61

Ash as a source of iron. S. A. Gordon. Nauch. trudy MGI no. 27:137-143 '59.

Carbonylic compounds of germanium. S. A. Gordon. Nauch. trudy MGI no. 27:129-135 '59.

Efficient analysis of coal ash by the trilonometric method. S. A. Gordin, K. I. Litvin. Nauch. trudy MGI no. 27:89-96 '59.

Germanium determination in coals and their products. S. A. Gordon, A. N. Aleksandrova Nauch trudy MGI no 27,71-74 '59.

Method of chemical determination of gallium in coal ash. A. G Motina. Nauch. trudy MGI no. 27.75-80 '59.

Method of chemical determination of scandium in coal ash. Z. L Guseva. Nauch. trudy MGI no. 27.81-88 '59.

Mineral composition of coal as a factor in characterizing germanium accumulation. S. A. Gordon, A. G. Motina. Nauch. trudy MGI no. 27:57-63 '59.

Rapid method of quantitative chemical determination of germanium in coal ash. A. N. Aleksandrova. Nauch trudy MGI no. 27:65-69 '59.

Study of some gaseous products of the thermal decomposition of coals using a triethanolamine aqueous solution. A. N. Aleksandrova Nauch. trudy MGI no. 27 123-128 '59.

Talis, E. M. [Chemical structure and properties of coals and the process of coke formation] Svoistva kamennykh uglei i protsess obrazovaniia koksa Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 299 p.

COAL—CLASSIFICATION see subdivision under Karaganda Basin

COAL—COSTS

Shishov, A. N. [Problems of economics in the comprehensive designing and planning of coal-mining enterprises] Voprosy ekonomiki pri kompleksnom proektirovanii ugol'nykh predpriiatii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 56 p.

COAL—ELECTRIC PROPERTIES

Electric conductivity of carbon-containing materials used in the production of carbon disulfide. Report No. 1 I. N. Agranovskii, L. I. Gailevskii. Khim. volok. no. 3:38-41 '61.

COAL—STANDARDS

Changes in standards. Ved. i san. tekh no 5:29-30 My '61

COAL—TESTING

Conference for coordinating the methods of determining the resistance of coals and rocks. N. S. Rodionov, V. L Dolgov. Izv. vys. ucheb. zav.; geol. i razv 4 no. 4 133-135 Ap '61.

COAL, PULVERIZED

Temperature dependence of the effect of oxygen on electronic resonance in coal powders [with summary in English]. D. A Kichyhin. Ukr. fiz zhur. 6 no. 2: 255-262 Mr-Ap '61.

COAL GEOLOGY
(see also subdivision under Buryat-Mongolia, Bzyb' Valley; Georgia; Gorbiachin Valley; Karaganda Basin; Makhnovo region; Sakhalin; Tunguska Basin)

Review of A. K. Matveev's book "Geology of the coal deposits of the U. S. S. R." G. E. Torent'ev Izv. vys ucheb. zav., geol. i razv 4 no. 2 142-143 F '61.

COAL HANDLING MACHINERY

Coal loader at work in the storage yard. A Surkov. Tyl i snab. Sov. Voor Sil 21 no. 1:84-86 Ja '61.

Relation between boring and blasting work and the productivity of belt conveyers. A. T. Kmitovenko. Izv. vys ucheb. zav.; gor. zhur. no. 4:33-40 '61.

COAL HANDLING MACHINERY—TESTING

Determining power losses in the running part of the 05-c coal-loading machine. IU. V. Navarskii. Trudy Ural. politekh. inst. no. 104 205-208 '61.

Experimental investigation of the 05-c coal-loading machine A V Kazantsev Trudy Ural politekh inst no 104 187-197 '61

Experimental investigation of the component of specific power consumption in operating the O5-c coal-loading machine A V Kazantsev Trudy Ural politekh inst. no 104 181-186 '61

COAL MINERS see subdivision under Donets Basin; Lvov Province

COAL MINERS—DISEASES AND HYGIENE

Prevention of immediate recurrences of lumbosacral radiculitis in miners of the "Uglovskugol" Trust. L I Kokorev. Sov med 25 no. 5 125-128 My '61.

COAL MINES AND MINING
(see also subdivision under Donets Basin; Severo-Zadonsk)

Combined use of deep boreholes for degassing and preliminary wetting of coal seams V. P Zhuravlev Izv vys ucheb zav., gor. zhur no 1:77-80 '61.

Economic value of coal losses in mines. V. A Karabak. Izv vys ucheb zav., gor. zhur no 4:63-69 '61

Kaltuzhnyi, N. T., and A. E. Vidulin. [Distribution of hard headings in developing coal deposits] Raspolozhenie polevykh vyrabotok pri razrabotke ugol'nykh mestorozhdenii Moskva, Gos. nauchno-tekhn izd-vo lit-ry po gornomu delu, 1961. 106 p.

Kashcheev, V. D. [Underground coal mining systems] Sistemy podzemnoi razrabotki ugol'nykh mestorozhdenii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 70 p. (Bibliotechka molodogo shakhtera)

Kvon, S. S. [Tapping gently sloping coal layers] Vskrytie ugol'nykh plastov pologogo padeniia. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 125 p.

R [illegible]

mines] Vremennaia instruktsiia po burcniiu shpurov s promyvkoi kolonkovymi elektrosverlami v ugol'nykh shakhtakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 9 p.

Shishov, A. N. [Problems of economics in the comprehensive designing and planning of coal-mining enterprises] Voprosy ekonomiki pri kompleksnom proektirovanii ugol'nykh predpriiatii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 56 p.

COAL MINES AND MINING—BY-PRODUCTS

Porous aggregate made of mining wastes for lightweight concretes. IU. V Lisitsyn Stroi. mat 7 no 5.17-19 My '61

COAL MINES AND MINING—CONGRESSES

All-union scientific and technical congress of coal miners at Stalino. S. V Volotkovskii Izv vys. ucheb zav., gor. zhur no. 4:163-164 '61

COAL MINES AND MINING—COSTS

Bollaev, V. I. [Practices in planning and analyzing coal production costs] Praktika planirovaniia i analiza sebestoimosti dobychi uglia. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 207 p.

COAL MINES AND MINING—EQUIPMENT AND SUPPLIES

Avinsenko, IU. G., and M. M. Kovalevskii. [Automatic control of mine systems] Avtomatizatsiia shakhtnykh ustanovok. Izd. 2., dop. i perer. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1960. 458 p.

COAL MINES AND MINING—FINANCE

Ferberov, L. IA. [Compiling estimate calculations for capital construction Sostavlenie smetnoi dokumentatsii i raschetov v kapital'nom stroitel'stve promyshlennosti. Moskva, Gos. nauc lit-ry po gornomu delu.
Pt. 1. [Estimates for coal-mining dokumentatsiia na gornopr raboty. 1960. 261 p.

COAL MINES AND MINING—SAFETY
(see also subdivision under Kuzners Province; Maritime Territory, Ukra

Adding wetting agents to water conduit Bezop. truda v prom. 5 no. 7:15-16

Determining the best time for advanci seams overlying existing workings. Bezop. truda v prom. 5 no. 6:15-16

Improving work safety in mining. V. trudn v prom. 5 no. 7:35-36 Jl '6

In the State Mine Inspection of the R. truda v prom. 5 no. 7:39 Jl '61.

Liuev, A. I. [Manual on safety engine Posobie po tekhnike bezopasnosti di Moskva, Gos. nauchno-tekhn. izd-v delu, 1961. 86 p.

R [illegible]

and gas resulting from blasting in coal mines] Vremennaia instruktsiia po primeneniiu tumanoobrazuiushchikh ustroistv dlia pylegazoulavlivaniia pri vzryvnykh rabotakh v ugol'nykh shakhtakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 10 p.

Safety measures in baring coal intercalations V N Shchukin Bezop truda v prom. 5 no 6:3-5 Je '61.

Specify par 134 of regulations for abandoning mine workings. D. Kulagin. Bezop. truda v prom. 5 no 7:32 Jl '61

COAL MINES AND MINING—TECHNOLOGICAL INNOVATIONS

Means and methods for partly and wholly mechanized coal mining S Kh Klorikian Biul tekh -ekon inform no 5 11-16 '61

COAL MINING MACHINERY

Katanov, B. A., and M. S. Safokhin. [Using rotary drilling rigs in coal beds] Stanki vrashchatel'nogo bureniia na ugol'nykh razrezakh Moskva, Gos. nauchno-tekhn izd-vo lit-ry po gornomu delu, 1961. 116 p.

Kukhtenko, A. I., and others. [Automation of mining operations] Avtomatizatsiia ochistnykh i prokhodcheskikh rabot. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 274 p.

The PK-6 coal-mining combine with a balanced cutting unit N IA Merkulov Biul. tekh -ekon inform no 5 16-19 '61

Shortcomings in electric drills S. F. Poddubnyi Bezop. truda v prom. 5 no. 7:32 Jl '61

State Experimental Institute of Design and Construction of Coal Mining Machinery versus Avkushenko M Iskrin. Izobr i rats. no 6.28-29 Je '61.

Tekhmishchian, A. V. [Mining machinery] Gornaia mekhanika. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 291 p.

COAL MINING MACHINERY—WELDING

Semiautomatic machine for soldering cutter bits. S. A. Goshin, S. M. Lebel', V. V. Fomenko. Svar. proizv. no. 6:37-38 Je '61.

COAL PREPARATION

Effect of the rate of heating on the formation of 2d type coal oxygen compounds during the low-temperature oxidation of coals and products of their preparation. A. N. Aleksandrova Nauch trudy MGI no. 27.115-122 '59

Margolin, I. Z. [Coal preparation and dressing of nonmetallic minerals in heavy suspensions] Obogashchenie uglei i nemetallicheskikh iskopaemykh v tiazhelykh suspenziiakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 271 p.

COAST CHANGES
(see also subdivision under Aral Sea)

Erodibility as a basis for classifying rocks in the central Volga Valley in connection with a study for rebuilding banks of reservoirs S D Voronkevich Vop geog no 52 82-99 '61

COATED PAPER see Paper coatings

COATS

TSentral'naia opytno-tekhnicheskaia shveinaia laboratoriia. [Designing coats for children and adolescents] Konstruirovanie pal'to dlia detei i podrostkov. Moskva, Vses. koop. izd-vo, 1960. 99 p.

COBALT—ANALYSIS

Nitrophenylhydrazones of isonitrosoacetophenone as sensitive and selective reagents for cobalt [with summary in English]. G.S.Deshmukkh, V.D.Anand, K.N. Mehrotra Zhur.anal.khim. 16 no.3 313-314 My-Je '61.

Potentiometric determination of cobalt with ferricyanide in a glutamic acid medium [with summary in English]. Chang E-sulin (Ch'iang Yeh-hsia), J.Doleval, J.Zyka. Zhur.anal.khim. 16 no.3 306-312 My-Je '61.

Separation of iron from cobalt by means of cupferron in soil analysis [with summary in English]. L.T.Ikramov. Zhur.anal.khim. 16 no.3,366-369 My-Je '61.

Use of fatty acids of the C_{17} - C_9 fraction for the separation of iron and copper from cobalt [with summary in English]. S.E.Kreimer and others. Zhur.anal.khim. 16 no.3:303-307 My-Je '61.

COBALT—ISOTOPES

Comparative evaluation of the results of treating cancer of the cervix uteri with radioactive cobalt and radium-mesothorium [in Azerbaijani with summary in Russian]. R.E.Allakhverdieva. Azerb.med.zhur. no.6,59-64 Je '61.

How the humus content of soils affects the assimilation of cobalt by plants [with summary in English]. N.V. Kulikov. Pochvovedenie no.4:76-81 Ap '61.

Shiltayn, V.I. [Radioactive cobalt] Radioaktivnyi kobal't. Moskva, Gos.izd-vo lit-ry v oblasti atomnoi nauki i tekhniki, 1961. 56 p.

COBALT—PHYSIOLOGICAL EFFECT

Effect of adding cobalt and penicillin to the food ration of young carp D.P.Karpanin, N.P.Ushakov Dokl. TSKhA no.61 163-166 '61

Effect of food of varying cobalt content on the composition of the peripheral blood in growing rats [with summary in English]. A.Abdurarov. Vop.pit. 20 no.2:39-41 Mr-Ap '61.

COBALT ALLOYS

Diffusion of tungsten in a cobalt alloy. I.I.Kovenskii Fiz.tver.tela 3 no.2 350-353 F '61.

COBALT CHLORIDE

Fusibility diagram for the system cobalt chloride - cobalt sulfate. P.I.Fedorov, K.A.Bol'shakov Zhur. neorg.khim. 5 no.3 757-758 Mr '60.

Thermochemistry of electrolyte solutions. Part 6: Aqueous solutions of $CoCl_2$ at different temperatures. K.P.Mishchenko, E.A.Podgornaia. Zhur.ob.khim. 31 no.6:1742-1754 Je '61.

COBALT COMPOUNDS

Cobaltammine periodates. N.I.Lobanov. Zhur.neorg. khim. 5 no.3,565-570 Mr '60.

Complex compounds of divalent cobalt with various inner-sphere amines. Zhur.neorg.khim 5 no.3:749-751 Mr '60.

Conference on the chemistry of complex compounds of cobalt and nickel D.G.Batyr Zhur.VKHO 6 no.3 341 '61.

Distribution of the isomorphic components during crystallization from aqueous solutions Report No.3: Study of the system $(NH_4)_2Co(SO_4)_2 \cdot 6H_2O - H_2O$ with the use of radioactive tracers. G.L.Gorshtein, N.I. Silant'eva. Trudy IREA no.22:3-7 '58

Effect of certain complex compounds of cobalt and the vitamin B complex on the peripheral blood in radiation sickness under experimental conditions [with summary in English]. M.F.Runova. Farm.i toksi. 24 no.2:191-197 Mr-Ap '61.

Polarographic study of complex compounds of metals with nitroso-R salt, and their use in polarography. Iu.I.Vainshtein, N.M.Dimitrov. Trudy IREA no.22 33-

COD FISH see subdivision under Laptev Sea, Pacific Ocean; Soviet Far East

COFFERDAMS see subdivision under Mamakan River

COKE

Effect of weak oxidation on the formation of the porous structure and stability of coke E.N.Loskutova, S.N. Lavrik Izv.Sib.otd.AN SSSR no.6,31-42 '61

Talis, E.M. [Chemical structure and properties of coals and the process of coke formation] Svoistva kamennykh uglei i protsess obrazovaniia koksa. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 299 p.

COKE INDUSTRY see subdivision under Luzatia (Germany, East); Stalinsk

COKE INDUSTRY—BY-PRODUCTS

(see also subdivision under Dneprodzerzhinsk)

Complete utilization of the substances contained in coal and some of the nonferrous metal ores. M.A.Menkovskii Nauch.trudy MGI no.27:5-12 '59.

COKE INDUSTRY—EQUIPMENT AND SUPPLIES

Krivoruchko, S.S. [Operator of a coke-pushing machine manual for on-the-job training of qualified workers] Mashinist koksovytalkivatelia, uchebnik dlia podgotovki kvalifitsirovannykh rabochikh na proizvodstve. Khar'kov, Gos.nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 173 p.

COLD (DISEASE)

Toughening young children [with summary in English]. A.T.Bal'magiia. Vop.okh.mat.i det. 6 no.4:33-37 Ap '61.

COLD STORAGE WAREHOUSES see subdivision under Novosibirsk

COLD WELDING

Chamfering for press welding. V.F.Tiurin. Mashinostroitel' no.6:23-24 Je '61.

COLLAGEN DISEASES

Collagen diseases in otorhinolaryngology [with summary in English]. V.K.Trutnev, N.M.Mitrokhina. Zhur.ush., nos.i gorl.bol. 20 no.4:12-17 Jl-Ag '60.

Leukemoid reactions in so-called collagen diseases [with summary in English]. M.A.Volkova Sov.med. 25 no.4:70-76 Ap '61.

COLLECTIVE FARMS

(see also subdivision under East Kazakhstan Province; Kamenets-Podol'skiy District; Kazakhstan; Trostyanets District; Voronezh Province)

The councils of collective farm brigades are important organizations. Kh.Agnaev. Part.zhizn' no.14:29-34 Jl '61.

Legal "objects" of collective farm property O.A. Kichatova Izv.vys.uchob.zav.;prav 4 no.1:73-83 '60

Methodological problems in studying the combination of communal and personal interests on collective farms [with summary in English] V.V.Sharonov. Vest.LGU 16 no.11:129-131 '61.

The nature and dynamics of collective farm trade. V.M Petrov. Uch.zap.Irk.gos.ped.inst.inostr.iaz no.3 42-66 '59.

Pavlov, I.V. [Jurisdiction of district executive committees in the state control of collective farms] Kompetentsiia raikspolkomov po gosudarstvennomu rukovodstvu kolkhozami. [Moskva] Izd-vo Mosk.univ., 1961. 108 p.

Prozorov, P.A. [Collective farms and communism] ...munizm; literaturnaia zapis' I.A.Tsikoto. ...d-vo polit.lit-ry, 1960. 94 p.

...Landscape work in the collective-farm ...nie kolkhoznogo sela. Moskva, Gos. ...lit-ry, 1960. 36 p.

...dan will be carried out ahead of time ...kon sel'khoz 32 no.2:37-40 F '61.

...2. [The Communist Party in the period ...nsive on a wide front; triumph of the ...system in rural areas, from 1929 to ...sticheskaia partiia v period nastupleniia ...vsemu frontu. Pobeda kolkhoznogo ...e, 1929-1932 gg. Izd.2. Moskva, ...ON pri TsK KPSS, 1961. 141 p. ...kurs lektsii. Tema XII)

...of transportation centers serving ...ve farms] Opyt raboty mezhkolkhoznykh ...nz. Moskva, Vses.izdatel'sko-poligr. ...ra putei soobshcheniia, 1960. 22 p.

...MS—ACCOUNTING

...ical depreciation of fixed assets on col- ...V.Gorelik. Vest.stat. no.6:55-62 '61

...ess accounting in tractor brigades. M.I. ...sil'.hosp. 12 no.7:18-19 Jl '61.

...hofts where accounting is bad. I.Antino.12:5-7 Je '61.

COLLECTIVE FARMS—COSTS

Romanenko, L.N., ed. [Unit costs and profitable operation of collective farms] Sebestoimost' produktsii i rentabel'nost' proizvodstva v kolkhozakh. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1961. 293 p.

Veksler, Iu.F., and Nikiforov, M.A. [What the profitable operation of collective farms depends on] Ot chego zavisit dokhodnost' kolkhoza. [Moskva] Mosk.rabochii, 1961. 44 p. (Obshchedostupnaia bibliotechka po ekonomike sel'skokhoziaistvennogo proizvodstva)

COLLECTIVE FARMS—FINANCE

(see also subdivision under Namaganskiy District)

Soboley, N.P. [Budget accountability on collective farms] Khozraschet v kolkhozakh. Moskva, Gos.izd-vo sel'khoz.lit-ry zhurnalov i plakatov, 1961. 223 p.

COLLECTIVE FARMS—INCOME DISTRIBUTION

Effectiveness of monetary remuneration on collective farms [with summary in English] A.S.Belorukov, L.M.Devinkin Vest.LGU 16 no.11:36-46 '61

Evaluate collective farmers' labor expenditures in calculating collective farm production costs correctly A.Silin Vest.stat no.6 22-32 '61

Guaranteed monetary wages. A.L.Rozenisvaig, L.S. Abakumov. Mat.nauch.-issl.rab.Vses.nauch.-issl. inst.ekon.sel'khoz. no.27:57-68 '58.

How we improve the wages on the collective farm. V.Kravchuk. Ekon.sel'khoz. 32 no.6:105-106 Je '61

Monetary pay rates for production norms on the "Komsomolets" Collective Farm, Makarov District, Kiev Province. Mat.nauch.-issl.rab.Vses.nauch.-issl.inst.ekon.sel'khoz. no.27:106-120 '58.

Monetary pay rates for production norms on the "Moskva" Collective Farm, Oktyabrisk District, Tajik S.S.R. Mat.nauch.-issl.rab.Vses.nauch.-issl.inst.ekon. sel'khoz. no.27:82-105 '58.

Monetary pay rates for production norms on the "13 let Oktiabria" Collective Farm, Krasnogorsk District, Moscow Province. Mat.nauch.-issl.rab.Vses.nauch.-issl.inst.ekon.sel'khoz. no.27:69-81 '58.

Monetary wages on the "13 let Oktiabria" Collective Farm, Krasnogorsk District, Moscow Province. A.L. Al'perovich, K.A.Okhapkin. Mat.nauch.-issl.rab. Vses.nauch.-issl.inst.ekon.sel'khoz. no.27,25-41 '58.

New wage structure on collective farms. K.A.Okhapkin. Mat.nauch.-issl.rab.Vses.nauch.-issl.inst.ekon. sel'khoz. no.27:3-24 '58.

On the problem of monetary wages on collective farms. M.IAnushkin, IU.Liamin Sots.trud 5 no.12 21-31 D '60

The use of monetary wages on the "Moskva" Collective Farm, Tajik S.S.R. V.D.Filippov, G.G.Stamov. Mat.nauch.-issl.rab.Vses.nauch.-issl.inst.ekon. sel'khoz. no.27:42-56 '58.

COLLECTIVE FARMS—LABOR PRODUCTIVITY

Utilization of labor resources on collective and state farms. A.M.IAkhnich. Dokl.TSKhA no.58:211-222 '60.

COLLECTIVE FARMS—LAWS AND LEGISLATION

Kazantsev, N.D. [The subject matter and system of collective-farm law] Predmet i sistema kolkhoznogo prava. [Moskva] Izd-vo Mosk.univ., 1961. 51 p.

[Legal manual for collective farmers] Spravochnik po zakonodatel'stvu dlia kolkhoznika. Moskva, Gos.izd-vo iurid.lit-ry, 1961. 413 p.

New legal forms of agricultural administration. G.A. Aksenok. Sov.gos.i pravo 31 no.6 14-26 Je '61.

Present-day extension of the property rights of collective farms. M.I.Kozyr'. Sov.gos.i pravo 31 no.7:48-57 Jl '61.

COLLECTIVE FARMS—MANAGEMENT

Borshchev, I.K. [Planning collective-farm production] Planirovanie kolkhoznogo proizvodstva. [Tomsk] Tomskoe knizhnoe izd-vo 1961. 23 p. (Ekonomicheskie znaniia - v massy)

Working in two shifts is an important measure in increasing the productivity of tractors. F.I.IAlovenko. Mekh.sil'.hosp 12 no.7:19-21 Jl '61.

COLLECTIVE FARMS—OFFICIALS AND EMPLOYEES see subdivision under Kharkov Province

COLLECTIVE FARMS—VALUATION

(see also subdivision under Altai Territory)

On the coming revaluation of fixed assets on collective farms. V.Babaian. Ekon.sel'khoz. 32 no.2 104-106 F '61.

Revaluating fixed assets on collective farms. A.Kochnev. Vest.stat. no.6:63-66 '61

COLLECTIVE LABOR AGREEMENTS

The first collective labor agreement in Russia. G.K. Moskalenko. Vop.ist. no.6:212-213 Je '61.

COLLEGES FOR WOMEN see Women's colleges

COLLISIONS (NUCLEAR PHYSICS)

Dissociation of molecular hydrogen ions in collisions with gas molecules [with summary in English] L I Pivovar, V M Tubaev, M T Novikov Zhur. eksp. i teor. fiz 40 no 1 34-39 Ja '61

Formation of slow negative ions in single collisions between fast hydrogen and oxygen negative ions and gas molecules [with summary in English] IA M. Fogel', A G. Koval', IU Z Levchenko Zhur. eksp i teor fiz 40 no 1 13-22 Ja '61

Integral of charged particle collisions in a magnetic field V. M Eleonskii, P. S Zyrianov, V P Silin Fiz met i metalloved 11 no 6 955-957 Je '61

COLLOIDS

Change in the properties of bentonite suspensions due to the effect of peptizers [with summary in English]. H. V. Kukoliev, M V. Pytak. Dop. AN URSR no 6 772-775 '61

Role of disulfide groups in the formation of gels during acid-alkaline denaturation of egg albumin [with summary in English]. I M. Bulankin and others Ukr biokhim zhur. 33 no 3 307-314 '61

COLONIES

(see also subdivision under Great Britain)

The new forms of colonial slavery. D. Zaline. Agitator no. 7:16-18 Ap '61.

Progress or colonialism? Let the facts speak for themselves [with English summary in insert]. V Li. Az. i Afr. segodn. no. 6.14-15 Je '61.

Tiagunenko, V. L. [Disintegration of the colonial system of imperialism] Krushenie kolonial'noi sistemy imperializma. Moskva, Izd-vo "Znanie," 1961. 48 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, Ekonomika, no. 11)

COLOR

Color in finishing school buildings. S. Sarkisov. Arkhit. SSSR no. 3 33-36a '61.

COLOR OF ANIMALS

Role of the nervous system in the formation of constitutional characteristics of animals with low pigmentation, morphological studies N. A Smitten. Arkh. pat 23 no 4:23-31 '61

COLOR PRINTING

A new copying apparatus for the printing of colored and spectrozonal aerial photographs I. G. Indichenko, I D Tamitskii Geod i kart. no 5 30-35 My '61

New technique of printing with transparent inks. D. S Mendelevich Poligr proizv no 5:22 My '61.

COLOR SENSE

Rabkin, E. B. [Pigmentary tables for studying the acquired pathology of color vision] Pigmentnye tablitsy dlia issledovaniia priobretennoi patologii tsvetovogo zreniia. Izd. 2., perer. i dop. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 32 p. plates. (DNLM)

Retinal receptors and visual pigments. O. IU. Orlov. Biofizika 6 no. 3 331-338 '61.

COLORIMETERS

Test vessels for photoelectric colorimeters-nephelometers. B. A. Fikhman Lab delo 7 no. 7:61-62 Jl '61

COLORIMETRY

Determining small contents of tungsten in titanium metal by colorimetry A. M Dymov, L Z. Kozel', Izv vys ucheb. zav., chern. met 4 no. 5 192-197 '61.

COLTS

Amount of blood and hemoglobin in colts. L. I. Irzhak. Dokl. AN SSSR 136 no. 5:1227-1230 Je '61.

COLUMBIA—COMMUNIST PARTY

"The 30th anniversary of the Communist Party of Columbia" [in Spanish]. Reviewed by M. Vega. Vop. ist. KPSS 5 no. 4.197-200 '61.

COLUMNS, CONCRETE

Efficient rigging for assembling reinforced concrete columns. O. Kallain. Strol. i arkhit. Len. 23 no. 5: 37-38 My '61.

COMBINES (AGRICULTURAL MACHINERY)

(see also subdivision under Moscow Province)

Adapting combines for mowing grain into windrows. Sel'. mekh no. 6:33-35 '61.

Anashkin, A. T., and others. [Disassembling and assembling the SK-3 combine] Razborka i sborka kombaina SK-3. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 230 p.

Canvas-rake conveyer. N. Chubikov. Tekh. v sel'khoz. 21 no. 6:68-69 Je '61.

Effect of the proper delay on the natural vibration and balance of automatic feed mechanisms G. S. Ioffe Dokl. TSKhA no. 66:309-316 '61.

Efficient selection of adjustable parameters for the automatic feed mechanism of the SK-3 combine A. I. Sturis. Dokl. TSKhA no 66.47-51 '61.

Electromechanical load regulator for the threshing unit of SK-3 combines. L. I. Bogdanova Mekh i elek sots. sel'khoz. 19 no. 3:39-41 '61.

Improvement of the SK-3 combine V. Gavrilov, A Shapiro. Tekh. v sel'khoz. 21 no. 6:49-50 Je '61

Increase the productivity of the SK-2, 6 combine A. A. Polishkin. Mekh. sil'. hosp 12 no 7.7 Jl '61

Is the SK-3 combine ready for harvesting? Sel'. mekh. no 6:35-38 '61

Modifying grain combines for corn harvesting. V. I. Koval'chuk, M K Didenko Mekh sil'. hosp 12 no 7 3-6 Jl '61

Our experience in operating the KKKh-3 combine. F M Markov, V IA. Kovyda. Mekh sil' hosp. 12 no 7 6-7 Jl '61

Performance of corn combines at increased speeds. A.F Dziubio Mekh. i elek sots sel'khoz 19 no 3 35-36 '61

Performance of the combine starter. Sel'. mekh no. 6: 32-13 '61

Repairing couplings of SK-2, 6 combines N Gusarov Tekh. v sel'khoz 21 no. 6 63 Je '61

SK-2, 6 combine harvests corn for grain. V. I Morozov. Mekh sil' hosp 12 no 7 22-23 Jl '61.

Self-propelled grain combine for sloping ground. M. G. Bondarenko, M S. Ohlieta' Mekh. sil' hosp 12 no 7 31-32 Jl '61.

COMBINES (AGRICULTURAL MACHINERY)—ATTACHMENTS

Attachment to combines for harvesting grass seeds. V Rinbtsev, B. Proskuriakov. Tekh. v sel'khoz 21 no. 6 63-65 Je '61.

Attachment to the KKKh-3 combine for harvesting on weedy fields P. P. Karpusha Mekh. sil'. hosp. 12 no 7 21-22 Jl '61.

COMBING MACHINES

Goncharov, A. V. [Combing machines in the cotton spinning industry; arrangement, assembly, maintenance, and setting] Mashiny grebnechesal'nogo perekhoda khlopkopriadil'nogo proizvodstva; ustroistvo, montazh, remont i naladka. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 296 p.

COMBUSTION

Investigating the process of ignition and combustion of fuel evaporating from a heated surface. E. P Kamzolov. Izv. vys. ucheb. zav., mashinostr. no. 4 124-132 '61.

COMETS

Certain mechanisms of the radio emission by comets. L. S Marochnik Biul Kom. po komet i meteor AN SSSR no. 5:21-27 '61.

Search for the Tunguska meteorite continues G. I. Plekhanov, N. V. Vasil'ev, V. A. Koshelev. Nauka i zhizn' 28 no. 5:76-79 My '61.

COMETS—1957

Polarization in various parts of Mrkos' comet (1957). D. L. Astavin-Razumin Biul. VAGO no. 28:3-5 '60.

COMMERCE

Frei, L. I. [International clearance and financing of foreign trade in capitalist countries] Mezhdunarodnye raschety i finansirovanie vneshnei torgovli kapitalisticheskikh stran. Izd. 3., perer. i dop. Moskva, Vneshtorgizdat, 1960. 437 p.

COMMERCIAL AERONAUTICS see also subdivision 'Aeronautics, Commercial' under Europe, Western

COMMERCIAL LAW

(see also subdivision under Armenia)

Discussing L. M. Shor's book "Organization of legal consultation in industrial enterprises and economic councils." T. O. Sov. gos. i pravo 31 no. 7:124-126 Jl '61.

"Organization of legal consultation in industrial enterprises and economic councils" by L M Shor. Reviewed by M. Pankin. Sov. iust. no 12:22-23 Je '61

COMMERCIAL PRODUCTS

Kosolapov, R. I. [The dialectic of commodity under socialism] K voprosu o dialektike tovara pri sotsializme. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 46 p.

[New consumer goods; information bulletin.] Nov. tov.; inform. biul. no. 6 '61.

COMMUNICABLE DISEASES

(see also subdivision under Voronezh Province)

Clinical analysis of results in laboratory bacteriological examinations ("Early differential diagnosis of infectious diseases" by K V. Bunin. Reviewed by V. D. Smirnov). Zhur. mikrobiol. epid. i immun. 32 no. 2:139-140 F '61.

"Early differential diagnosis of infectious diseases" by K. V. Bunin. Reviewed by I. Tanev. Zhur. mikrobiol. epid. i immun. 32 no. 3:145-146 Mr '61.

[Human diseases with a natural focus] Prirodnoochagovye bolezni cheloveka. Pod red. E. N. Pavlovskogo. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 325 p. (DNLM)

"Principles and practice in the treatment of infectious diseases" by K. V. Bunin. Reviewed by G. P. Belikov Zhur. mikrobiol. epid. i immun. 31 no. 3:138-141 Mr '60

Review of the 1958 "Collected Papers" published by the Moldavian branch of the All-Union Society of Microbiologists, Epidemiologists and Specialists in Infectious Diseases. V I Serebrennikova, K V Birlukova Zhur mikrobiol epid i immun 31 no. 11 162-164 N '60

Study of natural focus infectious diseases by Tomsk researchers [with summary in English] S P Karpov Zhur mikrobiol epid i immun 32 no 5 3-8 My '61

"Treatment of infectious diseases (antibiotic therapy and hormone therapy)" Edited by G. P. Rudnev Reviewed by S E Shapiro Zhur mikrobiol epid i immun 32 no 5 132-134 My '61

COMMUNICABLE DISEASES—BIBLIOGRAPHY see Bibliography—Communicable diseases

COMMUNICABLE DISEASES—CONGRESSES

Information on a conference in Novosibirsk on the control of diseases with a natural focus A P Ierusalimskii Zhur mikrobiol epid i immun 32 no 5 157-158 My '61

COMMUNICABLE DISEASES—PREVENTION

(see also subdivision under White Russia)

Attack infection decisively and in an organized manner Zhur mikrobiol epid i immun 32 no 4 3-5 Ap '61

Current status and problems in scientific research at the Gamaleia Institute of Epidemiology and Microbiology of the Academy of Medical Sciences of U S. S R for the eradication of infectious diseases S N Muromtsev Zhur mikrobiol epid i immun 31 no 12 9-14 D '60

Fight infections more actively I B Kardash Zdrav Bel 7 no. 5 6-11 My '61

A great task faces us. Sov. kras. krest 11 no. 3-19 My-Je '61.

COMMUNICABLE DISEASES IN ANIMALS

Vsesoiuznaia akademiia sel'skokhoziaistvennykh nauk imeni V. I. Lenina. [Control of diseases common to man and animals (zoonoses)] Bor'ba d bolezniami obshchimi dlia cheloveka i zhivotnykh (zoonozy). Pod obshchei red. K. I. Skrlabina Moskva, Izd-vo M-va sel'. khoz. SSSR, 1961. 138 p. (DNLM)

COMMUNICABLE DISEASES IN ANIMALS—PREVENTION

Heterovirulent viruses used for the prevention of infectious diseases in animals [with summaries in English, German, and French]. V N Sturin, G A Ivanova. Vest. sel'khoz nauki 6 no 6.59-63 Ja '61.

COMMUNICATION THEORY see Information theory

COMMUNICATIONS, MILITARY

Soldiers of a progressive unit and their achievements. K. Kalkevich. Komm. Vooruzh. Sil 1 no. 14:56-61 Jl '61.

COMMUNISM

(see also subdivision under Uzbekistan)

Allakhverdian, D. A. [Finance of a socialist state] Finansy sotsialisticheskogo gosudarstva. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 295 p.

Baimashnov, A. A. [Expanded building of communism in the U. S. S. R. and the international labor movement] Razvernutoe stroitel'stvo kommunizma v SSSR i mezhdunarodnoe rabochee dvizhenie. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 186 p.

The "Communist Manifesto" of our time. Kommunist 38 no 11 82-91 Jl '61.

Evdokimov, V. I. [Revisionism and the pressing problems of our time] Aktual'nye problemy sovremennosti i revizionizm. Moskva, Izd-vo "Znanie," 1961. 46 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 1, Istoriia, no. 12)

For those who have begun to study philosophy ("The basic principles of Marxist philosophy" by V. G. Afanas'ev. Reviewed by F. I. Dolgikh, N. I. Zorin, V. V. Talanov). Vop. filos. 15 no. 6:161-166 '61.

Foster, William Zabulon. [The historic advance of world socialism. Translated from the English] Istoricheskii progress mirovogo sotsializma. Moskva, Gos. izd-vo polit. lit-ry, 1961. 95 p.

A holiday of the communist rejuvenation of the world; materials for reports and talks devoted to the First of May. A. Romanov. Agitator no. 7:3-12 Ap '61.

Il'in, A. IA., and S. I. Popov. [A new crushing blow against present-day opportunism; significance of the documents of the 1960 Conference of the Representatives of Communist and Workers' Parties in Moscow for the critical evaluation of present-day revisionism and reformism] Novyi sokrushitel'nyi udar po sovremennomu opportunizmu; o znachenii dokumentov Moskovskogo Soveshchaniia predstavitelei kommunisticheskikh i rabochikh partii 1960 g. dlia kritiki sovremennogo revizionizma i reformizma. Moskva, Izd-vo "Znanie," 1961. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, Filosofiia, no. 10)

An important center of the propagation of the Marxist-Leninist theory [with summary in English, pp 214-215] G. D. Obichkin. Vop. ist. no 6:3-12 Je '61

Kratnev, N. K., and M. N. Rundina. [History of economic theories; from the emergence of Marxism to the Great October Socialist Revolution, a lecture course] Istoriia ekonomicheskikh uchenii ot vozniknoveniia marksizma do Velikoi Oktiabr'skoi revoliutsii, kurs lektsii. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 742 p.

Marx, Karl, and Friedrich Engels. [Works] Sochineniia. Izd 2. Moskva, Gos. izd-vo polit. lit-ry.
Vol. 18. 1961, 870 p.
Vol. 19. 1961, 670 p.

Moscow. Akademiia obshchestvennykh nauk. [Changes in the class structure of a society during the building of socialism and communism] Izmenenie klassovoi struktury obshchestva v protsesse stroitel'stva sotsializma i kommunizma. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 362 p.

Moscow. Akademiia obshchestvennykh nauk. [Dialectics of the development of socialist society] Dialektika razvitiia sotsialisticheskogo obshchestva. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 270 p.

Moscow. Akademiia obshchestvennykh nauk. [Two economic systems of the world] Dve mirovye sistemy khoziaistva. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 410 p.

Myths and reality, the theory of the second industrial revolution. V. N. Saprykov. Nauka i zhizn' 28 no 5: 57-63 My '61

A new book on the history of the League of Communists ("The League of Communists, the first international organization of the proletariat" by M. I. Mikhailov Reviewed by S. Z. Levitova) Vop. ist. KPSS 5 no. 4 188-193 '61.

Nikitin, P. I. [The nature of communism] Chto takoe kommunizm. [Moskva] Izd-vo Mosk. univ., 1961. 134 p.

Nofrysh, A. I. [Labor and communism] Trud i kommunizm. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 164 p.

The proposed program of the Communist Party of the Soviet Union. Kommunist 38 no. 11: 3-31 Jl '61

Sakov, M. P. [Basic principles of communism] Osnovnoi printsip kommunizma. Moskva, Gos. izd-vo polit. lit-ry, 1961. 61 p. (Bibliotechka znanii o kommunizme)

The triumph of Leninist principles in the new party program. V. V. Platkovskii. Vop. ist. KPSS 5 no. 4: 29-48 '61

The 21st Congress of the CPSU on the methods of the building of a communist society. A. P. Dolgushev. Trudy Nov. inzh.-stroit. inst. 9 3-19 '59

Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. [Theoretical problems in the building of communism] Nekotorye teoreticheskie voprosy stroitel'stva kommunizma. Moskva, Izd-vo "Znanie," 1960. 244 p.

Work and knowledge. I. Changli. Sov. profsoiuzy 17 no. 12 17-19 Je '61

COMMUNISM—BIBLIOGRAPHY see Bibliography—Communism

COMMUNISM AND ART

Akademiia nauk SSSR. Institut istorii iskusstv. [Problems in aesthetics] Voprosy estetiki. Moskva, Gos. izd-vo "Iskusstvo."
No. 4. [Art and communist education] Iskusstvo i kommunisticheskoe vospitanie. 1960. 182 p.

COMMUNISM AND LITERATURE

A powerful weapon in the struggle for communism. Komm. Ukr. 36 no. 7: 3-8 Jl '61.

COMMUNISM AND RELIGION

Material and spiritual riches belong to our people. M. Kovalenko, M. Petrenko. Voinv. ateist no. 3 34-37 Mr '61.

COMMUNIST COUNTRIES—COMMERCE

Basic principles of international socialist trade. V. Sarbiev. Ekon. Rad. Ukr. no. 3: 70-76 My-Je '61.

Moscow. Vsesoiuznaia akademiia vneshnei torgovli. [The export trade of people's democracies] Vneshniaia torgovlia stran narodnoi demokratii. Pod red. M. F. Kovrizhnykh, S. M. Stepanova. Moskva, Vneshtorgizdat, 1961. 286 p.

Some problems relating to the monopoly of foreign trade. B. Bondar. Ekon. Rad. Ukr. no. 3: 64-69 My-Je '61.

Zolotarev, V. I. [World socialist market] Mirovoi sotsialisticheskii rynok. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 205 p.

COMMUNIST COUNTRIES—ECONOMIC CONDITIONS

The great international power of our time. M. Ushakov. Komm. Vooruzh. Sil 1 no. 14: 8-16 Jl '61.

COMMUNIST COUNTRIES—SCHOOLS

Shabaeva, M. F., ed. [Schools of people's democracies at the present stage] Shkola stran narodnoi demokratii na sovremennom etape. Moskva, Izd-vo "Znanie," 1961. 44 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. II, Pedagogika, no. 7)

COMMUNIST EDUCATION
(see also subdivision under Tiflis)

Know how to train specialists. Pozn. delo 7 no. 6: 1-2 Je '61.

Mostovoi, A. T., and P. E. Khaldei. [Social and political training of children in schools] Obshchestvenno-politicheskoe vospitanie detei v shkole. Moskva, Izd-vo "Znanie," 1961. 46 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. II, Pedagogika, no. 9)

Review of ship's "red corners." Mor. flot 21 no. 3: 48 Mr '61.

Some methodological problems in the work of philosophical study groups in the schools of party education. I. S. Borisova. Vop. filos. 15 no. 6: 136-138 '61.

The theory and practice of communist upbringing ("Communist education of workers" by Kovalev Reviewed by I. Mindlin) Novyi mir 37 no. 7: 271-275 Jl '61

Useful pamphlet ("Promoting literature on the Communist education of youth" by I. F. Pokrovskii, I. Sankova). Bibliotekar' no. 6: 59 Je '61.

COMMUNIST ETHICS

A message to our young people. Vl. Lidin. Agitator no. 7: 41-44 Ap '61.

Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. [Readings in Marxist ethics] Marksistskaia etika; khrestomatiia. Obshchaia red. i vstup. stat'ia A. F. Shishkina. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1961. 150 p.

COMMUNIST ETHICS—BIBLIOGRAPHY see Bibliography—Communist ethics

COMMUNIST PARTIES

In the notebooks of propagandists. Komm. Bel. 35 no. 3: 58-60 Mr '61.

COMMUNIST PARTIES—BIBLIOGRAPHY see Bibliography—Communist Parties

COMMUNIST PARTY see subdivision under Africa, Algeria, Asia; China, Columbia, Czechoslovakia; France, Indonesia; Italy; Korea, North, Lithuania, Rumania

COMMUNIST PARTY OF THE SOVIET UNION
(see also subdivision under Kazakhstan; Moscow; United States; White Russia)

Brief news. Vop. ist. KPSS 5 no 3: 237-238 '61.

The CPSU is the vanguard of the international communist movement. N. Kolgenkov. Komm. Bel. 35 no. 3: 12-19 Mr '61.

The Communist Party during the foreign armed intervention and the civil war, 1918-1920. I. Brusanov. Komm. Vooruzh. Sil 1 no. 14: 75-80 Jl '61.

For a thorough verification of historical facts. Sb. Chiladze, B. B. Medvedev. Vop. ist. KPSS 5 no. 4: 150-151 '61.

Forceful policy of the CPSU. A. S. Vishniakov. Vop. ist. KPSS 5 no. 4 10-28 '61

Gorbunova, M. I. [The struggle to create a Marxist party in Russia. The formation of the Russian Social Democratic Party. Origin of Bolshevism, 1894-1904. Lecture 2: Lenin's plan for the building of a Marxist party. The struggle of Lenin's "Iskra" to build a party] Toma II: Bor'ba za sozdanie marksistskoi partii v Rossii. Obrazovanie RSDRP. Vozniknovenie bol'shevizma, 1894-1904 gg.; lektsiia 2: Leninskii plan postroeniia marksistskoi partii. Bor'ba leninskoi "Iskry" za sozdanie partii. Kiev, M-vo vysshego i srednego obrazovaniia USSR, 1960. 15 p.

Gostinskii, Iu. N. [The Bolshevik Party as the leader of the mass revolutionary movement of the proletariat of Russia on the eve of the First World War] Partiia bol'shevikov—rukovoditel' massovogo revoliutsionnogo dvizheniia proletariata Rossii nakanune pervoi mirovoi voiny. Moskva, Izd-vo IMO, 1961. 94 p.

How the All-Union Communist Party (Bolshevik) struggled against right-wing deviators from its general line between its 15th and 16th congresses. V. T. Totiushev. Vest. Mosk. un. Ser 9: Ist. 16 no. 3: 3-26 My-Je '61.

Kondukhov, G. A. [How the CPSU dealt with the grain difficulties in Russia during 1928-1929] KPSS v bor'be s khlebnymi zatrudneniiami v strane, 1928-1929. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 243 p.

Krivshich, V. S. [The founders of Marxism-Leninism on the collective guidance of the party] Osnovopolozhniki marksizma-leninizma o kollektivnosti partiinogo rukovodstva. Moskva, Gos. izd-vo polit. lit-ry, 1961. 95 p. (Voprosy partiinogo stroitel'stva)

Lenin on the program of the party. S. Titarenko. Novyi mir 37 no. 7: 231-236 Jl '61.

Moscow. Universitet. [Lectures in the course on the history of the CPSU] Lektsii po kursu istorii KPSS. [Moskva]
Pt. 1. 1961. 501 p.

New acquisitions of the Central Party Archives of the Institute of Marxism-Leninism. N. V. Bychkova, L. K. Vinogradov. Vop. ist. KPSS 5 no. 3: 164-170 '61.

A new textbook ("Lectures on the 'History of the CPSU' course." Reviewed by A. A. Voronovich, M. V. Rybakov) Vop. ist. KPSS 5 no. 3: 195-200 '61.

"The Perm party organization during the Great Patriotic War, from 1941 to 1945" by A. G. Naumova Reviewed by G. A. Kutsanev Vop ist no 6 127-129 Je '61.

"The program adopted at the Eighth Congress of the Russian Communist Party (Bolshevik), documents, articles, and speeches" by V. I. Lenin Reviewed by A. Svinarenko, Part. zhizn' no 14: 71-75 Jl '61.

[Program of the Communist Party of the Soviet Union] Programma Kommunisticheskoi partii Sovetskogo Soiuza. Moskva, Gos. izd-vo polit. lit-ry, 1961. 142 p.

A review of the documentary materials of the Secretariat of the Central Committee of the Russian Communist Party (Bolshevik) from March 1918 to March 1919. V. P. Nikolaeva Vop. ist KPSS 5 no 4 152-159 '61.

Shestakov, S. V. [Bolsheviks at the head of the labor movement in Russia during the years of the First World War, 1914- February 1917] Bol'sheviki vo glave rabochego dvizheniia Rossii v gody pervoi mirovoi voiny, 1914-g. - fevral' 1917 g. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 150 p.

Trapeznikov, S. P. [The Communist Party in the period of socialist offensive on a wide front, triumph of the collective-farm system in rural areas, from 1929 to 1932] Kommunisticheskaia partiia v period nastupleniia sotsializma po vsemu frontu Pobeda kolkhoznogo stroia v derevne, 1929-1932 gg. Izd. 2. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 141 p. (Istoriia KPSS, kurs lektsii. Tema XII)

We should have in mind the current objectives of party propaganda. N. A. Barsukov, G. V. Petriakov. Vop. ist. KPSS 5 no 3: 186-195 '61

We shouldn't tolerate the lack of principles in historical studies A. F. Fedorov. Vop ist. KPSS 5 no. 4 229-231 '61.

Zhdanovskaia, Z. V., and others. [A review of the sources of the history of CPSU] Obzor istochnikov istorii KPSS; kurs lektsii. [Moskva] Izd-vo Mosk. univ., 1961. 559 p.

COMMUNIST PARTY OF THE SOVIET UNION—BIBLIOGRAPHY see Bibliography—Communist Party of the Soviet Union

COMMUNIST PARTY OF THE SOVIET UNION—CONGRESSES

Aleksandrov, P. A. [Fifteenth Congress of the All-Union Communist Party] Piatnadtsatyi s"ezd VKP(b). Moskva, Gos. izd-vo polit. lit-ry, 1961. 94 p. (S"ezdy, konferentsii i plenumy TsK KPSS)

Documents of our time. Agitator no. 13: 3-5 Jl '61.

Dramaturgy and theaters greet the 22d Congress of the CPSU. Teatr 22 no. 6: 150 Je '61

Gavrilov, B. A., and M. P. Chernov. [Eighteenth Congress of the All-Union Communist Party] Vosemnadtsatyi s"ezd VKP(b). Moskva, Gos. izd-vo polit. lit-ry, 1961. 118 p. (S"ezdy, konferentsii i plenumy TsK KPSS)

Kommunisticheskaia partiia Sovetskogo Soiuza. 8 Konferentsiia, Moscow, 1919. [Proceedings of the 8th Conference of the Russian Communist Party] Protokoly. Moskva, Gos. izd-vo polit. lit-ry, 1961. 315 p. (Protokoly i stenograficheskie otchety s"ezdov i konferentsii Kommunisticheskoi partii Sovetskogo Soiuza)

The supreme organ of the party. A. Svinarenko. Komm. Vooruzh. Sil 1 no. 14: 44-50 Jl '61.

COMMUNIST PARTY OF THE SOVIET UNION—MEMBERSHIP

The problems prompted by life. A. Kravchenko. Kommunist 38 no. 10: 42-51 Jl '61.

COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
(see also subdivision under Feodosiya; Kazakhstan; Serov; Siberia; White Russia)

Along the road of a sharp upsurge B. Kitaphaev. Ekon. sel'khoz. 32 no. 2: 33-37 F '61.

The art of lecturing. V. B. Ostrovskii, A. V. Losev, N. G. Gridnev. Vop. ist. KPSS 5 no. 3: 231-237 '61

The Communists of a state farm. A. Shpakov. Part. zhizn' no. 14: 51-54 Jl '61.

Concern for the development of communal economy. L. Grevtsev, V. Baskakova. Part. zhizn' no 14: 47-51 Jl '61.

Dement'eva, R. F. [When a man has a value...] Kogda dorog chelovek... [Moskva] Mosk. rabochii, 1961. 73 p.

Effective work of a party committee of a collective farm. V. Bobova'kyi. Komm. Ukr. 36 no. 7: 54-61 Jl '61.

Encouragement of the new methods of work. Part. zhizn' no. 14: 67-70 Jl '61.

The groups of propagandists organized by the Central Committee of the CPSU from 1924 to 1927. I. A. Iurkov Vop. ist. KPSS 5 no. 3: 106-113 '61.

Horak, V. V. [Mar'inka District Communists at the forefront of agricultural toilers; how the party organization of Mar'inka District, Stalino Province, tries to carry out the seven-year agricultural plan ahead of schedule] Mar'ins'ki komunisty v avangardi trudivnykiv sela, partiina organizatsiia Mar'ins'koho raionu Stalins'koi oblasti v borot'bi za dostrokove vykonannia semyrichky v sil's'komu hospodarstvi. Kyiv, 1961. 58 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 1, no. 4)

COMMUNIST PARTY OF THE SOVIET UNION – PARTY WORK (Continued)

An introductory article. Agitator no. 7:28 Ap '61.

An introductory note. Agitator no. 13:23 Jl '61.

Klucheva, Z. I. [Collective work is the highest principle of party leadership; a lecture delivered at the School of Higher Party Education attached to the Central Committee of the CPSU] Kollektivnost' - vysshii printsip partiinogo rukovodstva; lektsiia, prochitannaia v VPSh pri TsK KPSS. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 37 p.

Kurbatov, K. I. [The propagandist is an organizer, educator, and teacher] Propagandist - organizator, vospitatel' i nastavnik. Moskva, Gos. izd-vo polit. lit-ry, 1961. 46 p. (Bibliotechka propagandista, no. 6)

A lecture group at an industrial enterprise. I. Minaev. Part. zhizn' no. 14:40-44 Jl '61

Moscow. Akademiia obshchestvennykh nauk. [How party organizations have carried out the decisions of the 20th and 21st Congresses of the CPSU] Iz opyta raboty partiinykh organizatsii po vypolneniiu reshenii XX i XXI s"ezdov KPSS. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 442 p.

Moscow. Akademiia obshchestvennykh nauk. [Problems in organizational and party work under present-day conditions; practices of party organizations in carrying out the decisions of the 20th and 21st Congresses of the CPSU] Nekotorye voprosy organizatsionno-partiinoi raboty v sovremennykh usloviiakh, iz opyta raboty partiinykh organizatsii po vypolneniiu reshenii XX i XXI s"ezdov KPSS. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 447 p.

Party and government measures in consolidating state farm organization and economy. N Pukhonov Ekon. sel'khoz 32 no. 6:28-34 Je '61

Party news. Part. zhizn' no. 14:79-80 Jl '61.

Party work at the building site of the Volga Hydroelectric Power Station A D Fadeev Vop ist KPSS 5 no 3: 94-105 '61.

[Problems in ideological work; a collection of the most important decisions of the CPSU, 1954-1961] Voprosy ideologicheskoi raboty; sbornik vazhneishikh reshenii KPSS, 1954-1961 gody. Moskva, Gos. izd-vo polit. lit-ry, 1961. 320 p.

Pushkarev, V. D. [Party work under new conditions] Partiinaia rabota v novykh usloviiakh. [Moskva] Mosk. rabochii, 1961. 73 p.

Under the heading "Party life." S. Perepelitsa. Sov. pech. no 7:16-19 Jl '61

A violation of party democracy. I. Zubenko. Part. zhizn' no. 14:54-56 Jl '61.

Workers' honor; a sketch. A. Korolenko. Agitator no. 7:53-56 Ap '61.

A wrong directive. E. Kaulevich. Part. zhizn' no. 11:56 Jl '61

COMMUNIST REVISIONISM

Evdokimov, V. I. [Revisionism and the pressing problems of our time] Aktual'nye problemy sovremennosti i revizionizm. Moskva, Izd-vo "Znanie," 1961. 46 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 1, Istoriia, no. 12)

Il'in, A. IA., and S. I. Popov. [A new crushing blow against present-day opportunism, significance of the documents of the 1960 Conference of the Representatives of Communist and Workers' Parties in Moscow for the critical evaluation of present-day revisionism and reformism] Novyi sokrushitel'nyi udar po sovremennomu opportunizmu; o znachenii dokumentov Moskovskogo Soveshchaniia predstavitelei kommunisticheskikh i rabochikh partii 1960 g. dlia kritiki sovremennogo revizionizma i reformizma. Moskva, Izd-vo "Znanie," 1961. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2. Filosofiia, no. 10)

COMMUNIST STATE

Some problems concerning the theory of the socialist state; based on the materials of the Moscow Conference of the Representatives of Communist and Workers' Parties [with summary in English]. A. K. Belykh. Vest LGU 16 no 11,47-60 '61.

The soviets today and tomorrow. M. S. Akhmedov. Vop. ist. KPSS 5 no. 3:224-229 '61.

Studies devoted to the development of the socialist state. L. M. Karapetian, V. I. Razin. Vop. filos. 15 no. 6: 154-161 '61.

COMMUNIST YOUTH LEAGUE

(see also subdivision under Leningrad; Stavropol Territory; Taganrog; Ukraine; Voronezh; Voronezh Province; Zolotoye District)

Active members of the city committee are on the admissions committees. A. Maklevskii. Komsom. zhizn' no. 12:30-31 Je '61.

Committees are our support. V. Zakurdaev, N. Baranovskaia, G. Sominskii. Komsom. zhizn' no. 12:23-26 Je '61.

Cultural education. G. Kovalenko. Komsom. zhizn' no. 24: 25-30 D '59.

Didusenko, A. A. [Lights on the map; at Communist Youth League construction sites] Ogni na karte; na komsomol'skikh stroikakh. Moskva, Izd-vo "Znanie," 1961. 29 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 10, Molodezhnaia, no. 11)

Eighth plenary session of the Central Committee of the Communist Youth League Teor. i prak. fiz. kul't. 23 no. 10:721-724 '60.

Good deeds can not be counted. A. Filiaev. Mashinostroitel' no. 6:2 Je '61.

Leaders share their experience. B. Mozdukhov. Komsom. zhizn' no. 24:24 D '59.

Let us greet the congress of the great party of Lenin the communist way! Komsom. zhizn' no. 12 2-7 Je '61

Let's encourage the initiative of the Communist Youth Leaguers. V. Khalipov. Komm. Vooruzh. Sil 1 no. 14: 33-38 Jl '61.

[Manual for active members of the Communist Youth League] Sputnik komsomol'skogo aktivista, spravochnaia knizhka. [Moskva] Izd-vo TsK VLKSM 'Molodaia gvardiia," 1961. 349 p.

News from Communist Youth League organizations Komsom zhizn' no 12 8-9 Je '61.

Our thoughts and aspirations are with the party. Komsom. zhizn' no. 24 1-5 D '59

Sponsors came to the Housing Economic Committee. M. Chudakov. Komsom zhizn' no 12-18-21 Je '61.

Stepanov, V. A. [In the winds of the steppes; notes of a Communist Youth League organizer on a state farm in the virgin lands] Pod vetrami stepnymi, iz zapisok komsorga tselinnogo sovkhoza. Moskva, Izd-vo "Pravda," 1961. 63 p. (Biblioteka "Komsomol'skoi pravdy," no. 5)

Supported by the Communist Youth League. V. Veitsman Bibliotekar' no. 6:48-51 Je '61.

We live the way we study. A. Novikov. Komsom. zhizn' no. 24:14-17 D '59.

We should improve the party guidance of Communist Youth League Organizations. O. Kolchina. Part. zhizn' no. 14 16-22 Jl '61.

COMMUNIST YOUTH LEAGUE—AUDITING AND INSPECTION see subdivision under Gorkiy

COMMUNIST YOUTH LEAGUE—MEMBERSHIP

Ask, we answer. Komsom. zhizn' no. 23:30-31 D '59.

COMMUNISTS

Heroes and heroic deeds. V. Borovkova. Sov. knizh. torg. 12 no. 6 32-34 Ag '60

COMMUNITY AND SCHOOL

In the Ministry of Education of the R. S. F. S. R. Nar. obr. no. 6:124-125 Je '61.

Pedagogical publicity. N. Glazov. Nar. obr. no. 7:85-86 Jl '61.

COMMUNITY CENTERS see subdivision under Buryat-Mongolia, Sverdlovsk Province

COMMUTATION (ELECTRICITY)

Magnetic and bridge method for contactless commutation of electric power. B. K. Shchukin. Shor. rab. po vop elektromekh. no. 5 321-329 '61.

COMPASS

Compensation and calibration of magnetic compasses has to be done in the Sukhoy Liman Port. S. Ivashchenko. Mor. flot 21 no. 1:40 Ja '61.

COMPETITION, INTERNATIONAL

Great competition. A. Omarov. Agitator no. 13:6-11 Jl '61.

Moscow. Akademiia obshchestvennykh nauk. [Two economic systems of the world] Dve mirovye sistemy khoziaistva. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 410 p.

Peaceful economic competition of the world socialist system with capitalism. IU. Holobushyn. Ekon. Rad. Ukr no. 3.92-99 My-Je '61.

COMPLEMENT FIXATION

Antitoxic serum and erythrogenic toxin titration in the complement fixation reaction [with summary in English]. O. N. Gryzlova. Zhur. mikrobiol. epid. i immun. 31 no. 11:18-22 N '60.

Evaluation of results of the complement fixation by counting the number of nonhemolyzed erythrocytes. A. I. Mozhov. Zhur. mikrobiol. epid. i immun. 31 no. 8.137-139 Ag '60.

Producing the complement fixation reaction by the drip method in the serological diagnosis of influenza. V. F. Mukhin, V. S. Perepelkin. Lab. delo 7 no 7:41-44 Jl '61.

Production of diagnostic sera for the complement fixation reaction against tick spring-summer and Japanese encephalitis. O. E. Rzhakhova. Vop. virus. 6 no. 2:238-240 Mr-Ap '61.

Use of the complement fixation reaction for the quantitative determination of Botulinus antigen in type A anatoxins. T. A. Kalitina. Zhur. mikrobiol. epid. i immun. 32 no. 5.115 My '61

Use of the complement fixation reaction in the quantitative determination of Clostridium botulinum toxin A [with summary in English]. T. A. Kalitina. Vop. pit. 20 no. 2:62-64 Mr-Ap '61.

Use of tick encephalitis viruses growing in tissue culture of chick fibroblasts as an antigen in the complement fixation reaction [with summary in English]. G. G. Bannova. Vop. virus. 6 no. 2:151-156 Mr-Ap '61.

COMPLEMENTS (IMMUNITY)

Determination of the properdin level with the aid of inulin and dry guinea pig complement [with summary in English] A. M. IAkovlev, G. G. Komleva, S. D. IAkovleva Zhur. mikrobiol. epid. i immun 31 no. 11:58-63 N '60

COMPLEX COMPOUNDS

Colored complexes of tetrahydroxyaminofuranones with metals O. R. Skoblikhod, I. G. Tishchenko Zhur. ob. khim 31 no 6:1986-1991 Je '61

Complex compounds formed by hexamethylenediaminetetraacetic acid and benzhydrylaminodiacetic acid with certain metals. IU. I. Vainshtein, N. M. Diatlova Trudy IRFA no 22 13-19 '58

Study of the complex formation of alcohols with electrolytes, based on the curves of physical titration to the turbidity threshold. E. K. Nikitin, S. I. Spiridonova. Izv. vys. ucheb. zav. khim. i khim. tekh. 4 no 1:33-37 '61.

COMPLEX COMPOUNDS—CONGRESSES

Conference on the chemistry of complex compounds of cobalt and nickel D. G. Batyi Zhur. VKHO 6 no 3 341 '61

COMPLEX IONS

Modified method for the complexonometric determination of components in precipitation baths. L. A. Vol'f, A. I. Meos, S. A. Inkina Khim volok no 3, 33-37 '61.

COMPLEX NUMBERS see Numbers, Complex

COMPOSERS

[Reference manual of the Union of Composers of the U. S. S. R. for 1960] Spravochnik Soiuza kompozitorov SSSR na 1960 god. Moskva, Sovetskii kompozitor, 1960. 226 p.

COMPOSITION (ART)

Fedorov, M. V., and IU. I. Korcev. [Three-dimensional composition in planning and nature] Ob"emno-prostranstvennaia kompozitsiia v proekte i v nature. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 131 p.

COMPOST

Effect of manure composts on corn yields in Transcarpathia O. F. Zhdanova. Visnyk sil'hosp. nauky 4 no 7 42-44 Jl '61.

Increasing the effect of peat-composts on corn. M. O. Zelens'kyi, D. K. Volovnenko Visnyk sil'hosp nauky 4 no. 5 42-45 My '61.

COMPOUND E see Cortisone

COMPREHENSION

Understanding of the character of a literary hero by pupils of the sixth grade [with summary in English]. V. N. Kulikov. Vop. psikhol. 7 no. 3.111-118 My-Je '61.

COMPRESSED WOOD see Wood, Compressed

COMPRESSIBILITY

Investigating the optical properties of transparent substances at superhigh pressures IA. B. Zel'dovich and others. Dokl AN SSSR 136 no 6:1333-1336 Je '61

COMPRESSORS

Lightweight compression device. E. Aberkov. Stroitel' no. 5:9 My '61.

Safety measures during simultaneous building and assembly and repair operations at compressor stations. M. M. Khushpulian. Stroi. truboprov. 6 no. 4: 30-31 Ap '61.

Timely completion of compressor stations is a most important task of 1961. Stroi. truboprov. 6 no. 4:2 Ap '61.

Turbulent boundary layer on the wall of a bladeless diffuser of a centrifugal compressor machine. G. N. Den. Izv. vys. ucheb. zav.; energ 4 no 5 89-96 My '61.

Using 2SG stationary compressors for boosting pressure in pipelines. E. M. Klimovskii. Stroi. truboprov. 6 no. 4:17-19 Ap '61.

COMPRESSORS—BLADES

Moorovich, I. I. [Distribution of stresses in compressor blades with presence of oscillations] Raspredelenie napriazhenii v kompressornykh lopatkakh pri kolebaniiakh. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1961. 105 p.

CONCRETE

(see also subdivision under Moldavia)

Based on the achievements of chemistry ("Polymer-cement concrete" by IU. S. Cherkinskii. Reviewed by M. Belova). Na stroi. Ros. no. 4.39 Ap '61.

Cellular concretes made of waste products of copper ore concentration and copper smelting slags. B. Parimbetov, K. Zhapabaev. Stroi. mat. 7 no. 5:13-16 My '61.

Coating the surface of concrete with "stinol" lacquer. E. M. Krasnitskaia, O. A. Vereshchagin-IAnko. Lakokras. mat. i ikh prim. no. 3 61-62 '61.

In the Research Institute for Concrete and Reinforced Concrete. Biul. stroi. tekh. 18 no. 4:42-45 Ap '61.

CONCRETE (Continued)
Let's develop the manufacture of details and elements made of solid and porous silicate concrete. A. Boldyrev. Na stroi. Ros. no. 3:17-19 D '60.

Mikhailov, N. V. [Basic principles of new concrete and reinforced-concrete techniques] Osnovnye printsipy novoi tekhnologii betona i zhelezobetona. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 51 p.

More about concrete into which nails can be driven. Stil' bud. 11 no. 1:24 Ap '61.

Nauchno-tekhnicheskoe obshchestvo stroitel'noi industrii. [Using fine-grained sands in concrete and methods of choosing concrete compositions] Primenenie melkikh peskov v betone i metody podbora sostava betona. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 226 p.

Plastic concrete and mesh-reinforced plastic concrete are new building materials. S. Davydov. Na stroi. Ros. no. 4:20-23 Ap '61.

Power vibration roller. V. Rinbchenko, I. Nepomniashchii. Na stroi. Ros. no. 3:19-22 D '60.

Self-healing mixtures. M. Vinsova. Stroitel' no. 5:30 My '61.

Textbook for planners and operators ("Concrete operations at large construction sites" by G. D. Petrov, Reviewed by A. Komnovskii). Na stroi. Ros. no. 1:30 Ja '61.

Using fly ash from thermal electric stations as cement additives. V. V. Stol'nikov, V. V. Kind. Gidr. stroi. 31 no. 6:18-22 Je '61.

CONCRETE—BIBLIOGRAPHY see Bibliography—Concrete

CONCRETE—SPECIFICATIONS
Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Technical specifications MRTU 7-3-60 for finely-ground additions and aggregates for heat-resistant concretes] Tekhnicheskie usloviia na tonkomolotye dobavki i zapolniteli dlia zharostoikikh betonov, MRTU 7-3-60. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 14 p.

CONCRETE—TESTING
Designing common crack-resistant concrete and prestressed reinforced concrete sections. P. L. Pasternak, E. E. Sigalov. Bet. i zhel.-bet. no. 5:207-213 My '61.

The strength of concrete is determined ultrasonically. Na stroi. Ros. no. 3:24 Mr '61.

CONCRETE, PRESTRESSED see Prestressed concrete

CONCRETE BLOCKS
Concrete blocks with numerous hollows and interior waterproofing. A. Chanturiia. Stroitel' no. 5:8 My '61.

CONCRETE BRIDGES see Bridges, Concrete

CONCRETE CONSTRUCTION
(see also subdivision under Bratsk Hydroelectric Power Station, Mamakan Hydroelectric Power Station)
Akademiia stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Concrete and reinforced-concrete work in building monolithic structures] Betonnye i zhelezobetonnye raboty pri vozvedenii monolitnykh sooruzhenii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 362 p. (Serija posobii po povysheniiu masterstva stroitelei)

Erecting thin-walled shells without timbering. V. I. Larionov and others. Stroi. i arkhit. Len. 23 no. 5:37 My '61.

CONCRETE CONSTRUCTION—CONGRESSES
Durability of concrete. O. Valenta. Bet. i zhel.-bet. no. 4:191-192 Ap '61.

CONCRETE CONSTRUCTION—FORMWORK
Cleaning and lubricating forms. I. P. Potapov. Bet. i zhel.-bet. no. 4:188-189 Ap '61.

Effective lubricants for reinforced concrete molds. S. Napolov. Na stroi. Ros. no. 2:35-36 F '61.

Plastic facing for forms. R. R. Kormilitsyn. Gidr. stroi. 31 no. 5:39-40 Je '61.

Semicantilever dismountable and adjustable forms with a high reuse rate. V. A. Burlakov. Gidr. stroi. 31 no. 6:38-39 Je '61.

CONCRETE FLOORS see Floors, Concrete

CONCRETE FOOTINGS
A simple device. A. Keda. Stroitel' no. 5:14 My '61.

CONCRETE PILING
Equipment for prestressing the reinforcement of reinforced concrete piles. A. G. Volik. Transp. stroi. 11 no. 5:22-24 My '61.

Large reinforced concrete sheet pile. V. P. Kadekin, A. N. Petrov. Transp. stroi. 11 no. 5:20-22 My '61.

Spillway dam made of reinforced-concrete hollow pile. A. R. Berezinskii. Gidr. stroi. 31 no. 5:46-47 My '61.

CONCRETE PIPE see Pipe, Concrete

CONCRETE PLANTS
(see also subdivision under Leningrad; Novosibirsk)
We will greet the 22d Congress of the CPSU with worthy achievements. P. A. Petrov. Avt. dor. 24 no. 5:1-4 My '61.

CONCRETE PRODUCTS—TRANSPORTATION
Trailer trucks for transporting building parts. A. I. Skordzhev, L. IA. Martsynovskii. Mekh. stroi. 18 no. 4:21-24 Ap '61.

Transporting the parts of arched and framed cow barns. M. Oreshin. Sel'. stroi. 16 no. 5:7-8 My '61.

CONCRETE REINFORCEMENT
Device for controlling the tension in reinforcing bars. A. Mamilov. Stroitel' no. 5:24 My '61.

Electrothermal-mechanical method of stressing reinforcement. G. Kostanda, N. Zuenko, V. Likhachev. Stroi. i arkhit. 9 no. 5:28-29 My '61.

Electrothermal way of stressing strand reinforcement. I. Berinskii, N. Mumontov. Stroi. i arkhit. 9 no. 5:30-31 My '61.

Selecting the electric system for the tightening of concrete reinforcement with the electric heating method. V. Ilgazarian. Prom. Arm. 4 no. 4:50-53 Ap '61.

Study of a prestressed beam with high-strength reinforcing bars. N. M. Kolokolov and others. Transp. stroi. 11 no. 5:40-42 My '61.

CONCRETE REINFORCEMENT—STANDARDS
Russia (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Metallic mesh] Setki metallicheskikh. Izd. ofitsial'noe. Moskva, 1960. 85 p. (SSSR. Gosudarstvennye standarty)

CONCRETE ROOFING see Roofing, Concrete

CONCRETE SLABS
Dubinskii, A. M. [Calculating the bearing capacity of reinforced-concrete slabs] Raschet nesushchei sposobnosti zhelezobetonnykh plit. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 180 p.

Make greater use of reinforced concrete slabs. S. A. Finkel'shtein. Les. prom. 39 no. 6:15 Je '61.

Mesh-reinforced silicate floor slabs. V. Bogdanov. Na stroi. Ros. no. 3:23-24 D '60.

Palatnikov, E. A. [Designing reinforced-concrete slabs for airport pavements] Raschet zhelezobetonnykh plit pokrytii aeroportov. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, Moskva, 1961. 94 p.

CONCRETE SLABS—TRANSPORTATION
The 700 panel transporter for carrying the panels of apartment houses. L. IA. Martsynovskii, A. I. Skordzhev. Stroi. i dor. mash. 6 no. 5:16-17 My '61.

CONCRETE WALLS
Wall panels for heating industrial buildings. Biul. stroi. tekh. 18 no. 4:30-31 Ap '61.

CONDENSATE OIL WELLS
Characteristics of the gas and liquid phases of oil and gas condensate systems at great depths. T. P. Zhyze, G. N. Ushkevich. Neft. khoz. 39 no. 7:30-34 Jl '61.

Kovalev, A. G. [Corrosion control in oil wells] Bor'ba s korroziei neftianykh skvazhin v SShA. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1959. 42 p.

CONDENSATION
Capillary condensation of vapors in highly dispersed systems. Report 5. Analysis of joint adsorption and capillary condensation process in the systems consisting of particles in contact. L. V. Radushkevich. Izv. AN SSSR. Otd. khim. nauk no. 6:984-988 Je '61.

CONDENSATION PRODUCTS (CHEMISTRY)
Condensation of *p*-trimethylsilylbenzaldehyde with aldehydes and ketones. E. N. Dolgov, N. E. Glushkova, N. P. Kharitonov. Izv. AN SSSR. Otd. khim. nauk no. 6:1068-1073 Je '61.

Heterochain polyamides. Part 29: Significance of the hydrolysis of dichlorides of dicarboxylic acids during interphase polycondensation [with summary in English] V. V. Korshak and others. Vysokom. soed. 3 no. 3:371-376 Mr '61.

Isotopic hydrogen exchange in connection with the tendency toward condensation reactions. T. I. Abramovich, I. P. Gragerov, V. V. Perekalin. Zhur. ob. khim. 31 no. 6:1962-1968 Je '61.

Study of the structural and steric directivity of the diene condensation of 1-vinylcyclopentene with methyl acrylate. V. F. Kucherov, E. P. Serebriakov, R. E. Valter. Dokl. AN SSSR 138 no. 6:1357-1360 Je '61.

CONDENSERS (ELECTRICITY) see Electric capacitors

CONDITIONED RESPONSE
Change in the conditioned reflex activity of dogs resuscitated after clinical death from blood loss in hypothermia [with summary in English]. T. IA. Pavlova. Zhur. vys. nerv. deiat. 11 no. 2:312-317 Mr-Ap '61.

Change in the electrical activity of the cerebral cortex of dogs during the formation of a stereotype of conditioned motor reflexes [with summary in English]. V. N. Dumenko. Zhur. vys. nerv. deiat. 11 no. 2:281-287 Mr-Ap '61.

Changes in the magnitude of interoceptive conditioned reflex during the systematic application of conditioned stimuli [with summary in English]. M. K. Mikushkin. Zhur. vys. nerv. deiat. 11 no. 2:303-305 Mr-Ap '61.

Changes in the respiratory component of the conditioned food reaction during the interaction of defensive and food dominants in dogs [with summary in English]. IU. A. Makarov. Zhur. vys. nerv. deiat. 11 no. 2:273-280 Mr-Ap '61.

Comparative evaluation of the effect of ganglieron, pentamine, and dicoline on conditioned reflex regulation of the leukocyte composition of the blood [with summary in English]. N. I. Kruglaia. Farm. i toks. 24 no. 2:180-186 Mr-Ap '61.

Comparative study of the secretion of radioactive isotopes (phosphorus, potassium and iodine) during conditioned and nonconditioned salivation [with summary in English]. IU. A. Petrovich. Zhur. vys. nerv. deiat. 11 no. 2:295-302 Mr-Ap '61.

Conditioned reflex activity of some bee strains as affected by climatic conditions. M. S. Ragim-zade. Izv. AN Azerb. SSR Ser. biol. i med. nauk no. 1:131-138 '61.

Conditioned reflex activity of some bee strains as related to climatic conditions. M. S. Ragim-zade. Izv. AN Azerb. SSR Ser. biol. i med. nauk no. 2:87-94 '61.

Conditioned reflex changes in the respiratory gas exchange and bioelectric activity of the brain and skeletal muscles. R. P. Ol'shanskaia, G. A. Trubitsyna. Dokl. AN SSSR 136 no. 5:1245-1247 Je '61.

Dynamics of the orientation reflex during the development of sleep inhibition in man [with summary in English]. E. N. Sokolov, N. P. Paramonova. Zhur. vys. nerv. deiat. 11 no. 2:206-215 Mr-Ap '61.

Effect of aminazine of complex conditioned reflex activities in dogs. O. N. Veovodina. Farm. i toks. 24 no. 2:131-136 Mr-Ap '61.

Effect of aminazine on the correlation of vegetative and motor components of conditioned defense reactions in animals in ontogenesis [with summary in English]. G. M. Nikitina. Zhur. vys. nerv. deiat. 11 no. 2:329-337 Mr-Ap '61.

Effect of aminazine on the course of unilateral conditioned reflexes [with summary in English]. I. A. Lapina. Zhur. vys. nerv. deiat. 11 no. 2:260-264 Mr-Ap '61.

Effect of changes in food excitability on the course of a febrile reaction in dogs [with summary in English]. L. I. Gorbatseevich. Zhur. vys. nerv. deiat. 11 no. 2:254-259 Mr-Ap '61.

Effect of noise on the central nervous system in workers employed in nail production [with summary in English]. M. L. Khaimovich. Trudy LSGMI 61:139-146 '60.

Effect of olfactory stimulation on the higher nervous activity in dogs [with summary in English]. T. E. Kalinina. Zhur. vys. nerv. deiat. 11 no. 2:318-321 Mr-Ap '61.

Effect of mercury vapors in small concentrations on conditioned reflex activity in rabbits [with summary in English]. M. M. Gimadeev. Farm. i toks. 24 no. 2:210-216 Mr-Ap '61.

Electroencephalographic analysis of the mechanism of closing of a temporary connection [with summary in English]. R. S. Mnukhina. Zhur. vys. nerv. deiat. 11 no. 2:346-352 Mr-Ap '61.

Emergence and localization of cortical inhibition in elements of the conditioned reflex arc. E. A. Asratian. Zhur. vys. nerv. deiat. 11 no. 2:193-205 Mr-Ap '61.

Formation of a conditioned response to a moving phatic stimuli in dogs [with summary in English]. I. M. Sheiman. Zhur. vys. nerv. deiat. 11 no. 2:265-272 Mr-Ap '61.

Formation of differentiation in response to distant stimuli in the elaboration of conditioned-conditioned motor reflexes [with summary in English]. N. G. Ivanova. Zhur. vys. nerv. deiat. 11 no. 2:283-294 Mr-Ap '61.

Functional changes in the higher nervous activity in infants in pneumonia [with summary in English]. A. N. Karlova. Vop. okh. mat. i det. 6 no. 4:48-54 Ap '61.

Influence of an interesting task on motor and vegetative manifestations of the mobility of the nervous processes [with summary in English]. V. S. Merlin. Vop. psikhol. 7 no. 3:81-92 My-Je '61.

Irradiation of the nervous processes in the cortex of the human brain [with summary in English]. Tsiai Chzhi-pin [Ch'u Chih-p'ing]. Zhur. vys. nerv. deiat. 11 no. 2:225-232 Mr-Ap '61.

Material on the problem of localization of internal inhibition [with summary in English]. V. N. Andreeva. Zhur. vys. nerv. deiat. 11 no. 2:308-311 Mr-Ap '61.

Method for studying conditioned reflexes in unrestrained animals. L. V. Lobanova. Zhur. vys. nerv. deiat. 11 no. 2:376-379 Mr-Ap '61.

Motor method in verbal reinforcement [with summary in English]. A. S. Dmitriev. Vop. psikhol. 7 no. 3:70-80 My-Je '61.

On changes in conditioned reflex activity of white rats caused by small doses of internal radiation [with summary in English]. V. M. Zakharov. Zhur. vys. nerv. deiat. 11 no. 2:361-369 Mr-Ap '61.

Program control in experiments with conditioned reflexes. S. A. Evdokimov and others. Fiziol. zhur. 47 no. 4:522-524 Ap '61.

CONDITIONED RESPONSE (Continued)

Relationship between the individual features of immunogenesis and typological features of the nervous system of rabbits Report No 1: Dynamics of agglutinin formation depending on the functional mobility of the nervous process [with summary in English] V N Krylov, O. V Malinovskii Zhur. mikrobiol. epid. i immun. 32 no. 1:10-13 Ja '61

Study of the sensation of pruritis by means of conditioned reflexes [with summary in French] A S Dyshko. Sbor. nauch. rab. po lepr. i derm. no. 13:78-86 '59.

Trace conditioned reflexes in white rats [with summary in English]. L. S. Gorsheleva. Zhur. vys. nerv. deiat. 11 no. 2:354-360 Mr-Ap '61.

CONDUCTOMETRIC ANALYSIS

Conductometric determination of calcium in natural waters. I N. Bogusevich Gidrokhim. mat. 32:184-191 '61.

Conductometric determination of organic carbon in natural waters. M P Belnova, P A Krukov Gidrokhim. mat. 32:171-183 '61.

Conductometric investigation of the reaction of some nitriles with hydrogen chloride L N. Zil'berman, T.S Ivcher, E M Perepletchikova Zhur. ob. Khim 31 no 6:2037-2039 Je '61

Method of nonContact conductometry V. I Lopatnikov. Dokl. AN SSSR 138 no. 5 1066-1068 Je '61.

CONFECTIONERY

Lunin, O. G., and M. E. Smolianitskii [Continuous production lines for confectioneries] Potochnye linii proizvodstva konditerskikh izdelii. Moskva, Pishchepromizdat, 1961. 160 p.

CONFORMAL MAPPING

Conformal mapping of a region on a rectangle with rectilinear slits [with summary in English] P M Tamrazov Dop AN URSR no 5 595-597 '61

Some theorems on univalent conformal mapping of multiply connected regions [with summary in English]. I. P. Mytiuk. Dop. AN URSR no. 4 420-423 '61.

CONFORMATIONAL ANALYSIS

Application of ultrasound to conformational analysis. L. D. Bergel'son. Akust. zhur. 5 no 1:101-102 '59.

CONGLOMERATE see subdivision under Kakhetia

CONGO, REPUBLIC OF—ECONOMIC CONDITIONS

Dollar colonialism in the Congo [with English summary in insert]. V. Zhukov. Az. i Afr. sseg. no. 6:8-11, 18 Je '61.

Foreign monopolies in the Congo Mezhdunar. zhizn' 8 no. 7 167-170 Jl '61

CONGO, REPUBLIC OF—POLITICS AND GOVERNMENT

Dollar colonialism in the Congo [with English summary in insert]. V. Zhukov. Az. i Afr. sseg. no. 6:8-11, 18 Je '61.

New tactics of the colonialists in the Congo K Sergeev-Mikhailov Mezhdunar. zhizn' 8 no. 7 141-143 Jl '61

One year of the Congo's independence. Nov. vrem. 19 no. 27:7 Jl '61.

CONGO, REPUBLIC OF—RELATIONS (GENERAL) WITH BELGIUM

Belgium without the Congo. Vadim Zagladin. Nov. vrem. 19 no. 27:14-16 Jl '61.

CONGRUENCES AND RESIDUES

Configuration of H congruences. M B. Pergamenshchikov Dokl. AN SSSR 138 no. 5:1020-1021 Je '61.

CONJUNCTIVA—DISEASES see subdivision under Tajikistan

CONJUNCTIVITIS, GRANULAR
(see also subdivision under Ukraine)

Experimental study of a virus isolated from trachoma patients [with summary in English]. A A Shatkin. Zhur. mikrobiol. epid. i immun. 32 no. 4 98-102 Ap '61

Sensitivity of conjunctival microflora to certain antibiotics in trachoma [with summary in English]. G P. Beilkov, A. I Danilkova. Antibiotiki 5 no 3:93-96 My-Je '60.

Significance of elastotonometric investigations in the early diagnosis of glaucoma in trachoma patients. T.Kh. Rasulova. Azerb. med. zhur. no. 6:31-37 Je '61.

CONJUNCTIVITIS, INFANTILE

Prevention of blennorrhea of the eye in newborn infants. I M Sapir Akush. i gin. 37 no. 1:39-42 '61.

CONNECTIVE TISSUES

Histochemical study of changes in the connective tissue of the skin in patients with scleroderma treated with hydase [with summary in French] V. A. Rakhmanov, E. Kh. Khmel'nitskii. Sbor. nauch. rab. po lepr. i derm. no. 13:103-110 '59.

Morphogenesis of changes in the elastic fibers of porous connective tissue. V. IA. Lipets. Arkh. pat. 23 no. 5: 52-59 '61.

New method for preparing anthrological specimens for research and educational purposes [with summary in English]. T. I Bohdanova Dop AN URSR no 6 819-821 '61

Structure and development of connective tissue elements of the skin in Romanov and Vyatka sheep. N V. Mikhailova. Trudy Inst. morf. zhiv. no. 35 128-147 '61

CONSCIOUSNESS

The nature of consciousness [with summary in English, p. 186]. A. G. Spirkin. Vop. filos. 15 no. 6 118-127 '61.

CONSTRUCTION INDUSTRY
(see also subdivision under Armenia; Amur Province, Baltic States, Czechoslovakia; Dnepropetrovsk, Dnepr Valley; Fergana, Irkutsk; Irkutsk Province, Kazakhstan; Khabarovsk Territory, Kiev, Latvia, Leningrad, Lithuania, Lugansk; Minsk, Moldavia, Moscow; Oktyabr'skiy; Pskov Province; Rostov Province, Rovno Province, Russia, Northern; Saratov Province; Sechenovo District, Stalingrad; Stalingrad Province, Stalino Province; Tula District; Tula Province; Ufa; Ukraine; Virgin Territory; Vladivostok; Volzhskiy; White Russia, Zhdanov)

Accelerating the construction of the most important industrial complexes is an honorable task for young builders Prom. stroi. 39 no. 4:2-4 '61

All builders should share the experience of the innovators. Transp. stroi. 11 no 5 1-2 My '61.

Aspects of specialization in construction and indications of its level of development. V. Borisov. Ekon. stroi. no. 5:41-47 My '61.

Build quickly, well, beautifully, and cheaply. Zhil. stroi. no 5:1 My '61

Construction workers are successfully building a large chemical industry Na stroi. Ros no. 4.1-2 Ap '61.

Do you know that.... Sel'. stroi. 15 no. 4:29-30 Ap '61.

Do you know that... Sel'. stroi. 16 no. 5:30 My '61

Draft regulations for a public institute of innovators of the construction industry. Stroitel' no. 5 26-27 My '61.

Evropin, V. S. [Basic problems in the organization of the administration of construction] Osnovnye voprosy organizatsii upravleniia stroitel'stvom. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 96 p. (Voprosy ekonomiki stroitel'stva)

Experience of the best is available for all construction organizations. Ekon. stroi. no. 5:3-8 My '61.

From the pages of foreign magazines. Stroi. i arkhit. Len. 23 no. 6.36 Je '61.

From the pages of Soviet magazines. Mekh. stroi. 18 no. 4:32-3 of cover Ap '61.

The ideas of V. I. Lenin become reality. Stroi. i arkhit. 9 no. 4 1-2 Ap '61.

In celebration of the 22d Congress of the CPSU. Sel'. stroi. 15 no. 4.3 Ap '61.

In the Ministry staff Transp. stroi. 11 no. 5:61-62 My '61.

In the R. S. F. S. R. Office of State Construction. Na stroi. Ros. no 1:36 Ja '61.

In the R. S. F. S. R. Office of State Construction. Na stroi. Ros. no 2:36 F '61.

In the R. S. F. S. R. Office of State Construction. Na stroi. Ros. no 3:36 D '60.

In the R. S. F. S. R. Office of State Construction. Na stroi. Ros. no. 3.36 Mr '61.

In the R. S. F. S. R. Office of State Construction. Na stroi. Ros. no. 4:36 Ap '61.

In the R. S. F. S. R. Office of State Construction. Sel'. stroi. 15 no. 4:30 Ap '61.

In the State Construction Office of the R. S. F. S. R. Biul. stroi. tekh. 18 no. 4.35-39 Ap '61.

In the technical council Transp. stroi My '61.

Lectures and meetings. Stroi. i arkhit. 3 of cover Ap '61.

Let's expand construction on state farm districts. Sel'. stroi. 16 no 5:1-2

Let's put the decisions of the January Central Committee of the CPSU into Ros. no. 2:1-2 F '61.

Let's raise the degree of prefabricatio dustrial establishments. V. Promysl no. 3:1-3 Mr '61.

Let's use ferrous and nonferrous met A V. Kondrashov. Transp. stroi. 11 '61

Live and toil the communist way. V. I Ekon. stroi. no. 5:8-13 My '61.

Long live the first of May! Stroitel'

Material and technical base for constr D. Alekhin. Na stroi. Ros. no. 3:11-1

New construction on state farms. St 3 My '61.

New model plans. Transp. stroi. 11 My '61.

One brigade for the whole process. I Stroitel' no. 5:25 My '61.

Operations plan of planning organizations concerning the study and general application of domestic and foreign experience in planning and construction in 1961. Biul. stroi. tekh. 18 no 4:4-6 Ap '61.

A powerful production base for construction is the basis of successful operation. I. A. Grishmanov. Bet. i zhel.-bet. no. 4:146 Ap '61.

Problems of wages of construction workers. Ekon. stroi. no. 5:58-60 My '61.

Rural builder, you gave your word - now keep it! Sel'. stroi. 15 no. 4.1 Ap '61.

Rural construction is a great national task. Arkhit. SSSR no. 3:1-2 '61.

Schedule planning in the building organizations G. M. Agronskii. Transp. stroi. 11 no 5 31-34 My '61

Second edition of a textbook on the economics of construction ("The Economics of Construction" by M. E. Shass. Reviewed by M. Balikhin, I Oganesov). Ekon. stroi. no. 5:67-69 My '61.

Smirnov, N. A. [Basic trends of further technical progress in construction in the 1959-1965 seven-year plan] Osnovnye napravleniia dal'neishego tekhnicheskogo progressa v stroitel'stve na predstoiashchee semiletie 1959-1965 gg.; stenogramma lektsii. Leningrad, 1960. 24 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Serila: Stroitel'naia promyshlennost')

Stipulating bonuses for managerial and engineering personnel and technicians of capital construction departments of industrial enterprises. Biul Gos kom. po vop. truda i zar. platy no 1 65 '61.

To participants in the All-Union Congress of Young Builders. Mekh. stroi. 18 no. 4:2 of cover Ap '61.

A useful book ("Economics of Construction". Reviewed by V. Uspenskii). Na stroi. Ros no. 3.36 D '60.

We will fulfill the building program for the third year of the seven year plan successfully. Na stroi Ros no. 1 2 Ja '61.

The work of the Scientific Research Institute for the Economics of Construction Ekon. stroi. no. 5:65-66 My '61.

Youth in construction is a great force. Mekh. stroi. 18 no. 4.1-3 Ap '61.

CONSTRUCTION INDUSTRY—ACCOUNTING

In the R. S. F. S. R. Ministry of Construction. Mont. i spets. rab. v stroi. 23 no. 5:32-3 of cover My '61.

CONSTRUCTION INDUSTRY—BIBLIOGRAPHY see Bibliography—Construction industry

CONSTRUCTION INDUSTRY—CONGRESSES

Exchanging experience in urban construction. Stroi. i arkhit. 9 no. 4:40 Ap '61.

CONSTRUCTION INDUSTRY—COSTS
(see also subdivision under Kazakhstan; Moscow)

How fulfillment of obligations is determined from a reduction in the net cost of construction and assembly operations. Ekon. stroi. no. 5:57-58 My '61.

Useful manual for builders ("Cutting building costs" by V A Petrosian Reviewed by A Gulabian) Prom. Arm. 4 no 4:75-76 Ap '61

CONSTRUCTION INDUSTRY—FINANCE
(see also subdivision under Ust'-Kamenogorsk)

Ivanov, N. A. [Planning capital investments] Planirovanie kapital'nykh vlozhenii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 91 p. (Voprosy ekonomiki stroitel'stva)

CONSTRUCTION INDUSTRY—LABOR PRODUCTIVITY

Measuring labor productivity in construction. Z. Kuprianova, A Rotshtein. Biul nauch inform trud i zar plata 4 no. 4 3-7 '61

Regulation of the planning of labor productivity in branch [illegible]

CONSTRUCTION INDUSTRY – TECHNOLOGICAL INNOVATIONS (Continued)

Innovators' institution exchange experience. Stroitel' no. 6, 26 My '61.

Technical development in the construction industry. S. Badagian. Prom. Arm. 4 no. 1:15-18 Ja '61.

CONSTRUCTION WORKERS

Another new town's lights will burn. Sov. voin 43 no. 7: 45 Ap '61.

Didusenko, A. A. [Lights on the map; at Communist Youth League construction sites] Ogni na karte; na komsomol'skikh stroikakh. Moskva, Izd-vo "Znanie," 1961. 20 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 10, Molodezhnaia, no. 11)

Establishing the wage payment administrative structure and conditions for workers in housing construction combines. Biul. Gos. kom. po vop. truda i zar. platy no. 1 46-52 '61.

Wages for the estimate-and-contract section chiefs and chief dispatchers in construction and assembly trusts and their subsections. Biul. Gos. kom. po vop. truda i zar. platy no. 1 60 '61.

Youth in construction is a great force. S. Shumakli, M. Shendelev. Ekon. stroi. no. 5:13-19 My '61.

CONSUMERS' GOODS see Russia—Manufactures

CONSUMPTION (ECONOMICS)

Mel'nichenko, P. S. [National consumption under socialism] Narodnoe potreblenie pri sotsializme. Moskva, Gos. izd-vo planovo-ekon. lit-ry, 1961. 310 p.

Regional differences in the consumption of the U. S. S. R. population. N. Kirichenko. Biul. nauch. inform. trud i zar. platy 4 no. 4 39-45 '61.

CONTAINER INDUSTRY

Mixed brigades in plants manufacturing wooden containers. A. V. Chugreev. Ryb. khoz. 37 no. 5 87-90 '61.

CONTAINERS

Polyethylene coating of metallic containers. Spir. prom. 27 no. 4:41-43 '61.

CONTINUOUS CASTING—ELECTROMECHANICAL ANALOGIES

Electric modeling of thermal processes during the continuous casting of steel. E. A. Fadko. Izv. vys. ucheb. zav., chern. met. 4 no. 8:27-34 '61.

CONTRACT LABOR

Andreev, V. S., P. A. Gurcev. [Organized recruitment of workers in the U. S. S. R.] Organizovannyi nabor rabochikh v SSSR. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 78 p.

CONTRACTS, AGRICULTURAL

"Contracts for the sale of agricultural produce on commission" by V. F. Iakovleva. Reviewed by M. V. Gordon. Vest. LGU 16 no. 11, 144-147 '61.

CONTROLLERSHIP see subdivision under Armenia

CONVERTERS

Converting complex metal mattes and speiss. O. G. Miller. Trudy Alt. GMNII AN Kazakh. SSR 9 238-242 '60.

Investigating the converter blowing of high phosphorous cast iron. V. G. Fedorovich. Vop. proizv. stali no. 8. 34-38 '61.

CONVEYING MACHINERY

Conveyor belt drier for fireclay articles. A. V. Deniidov, S. A. Popin. Ogneupory 26 no. 5:222-225 '61.

Designing and making screw conveyers. K. Fedlukova.

[illegible] T. M.

Step-by-step toothed accumulating conveyer for transporting straight shafts. V. S. Dvornikov. Stan. i instr. 32 no. 7, 10-13 Jl '61.

Suspended conveyer. P. N. Tellushkin. Mashinostroitel' no. 6:10-12 Je '61.

Transporting tailings to the dump on conveyers. A. D. Omel'chenko. Gor. zhur. no. 6, 75-77 Je '61.

A useful monograph on electric vibratory conveying ("Electric vibratory conveying equipment" by I. F. Goncharevich, L. P. Strel'nikov). Reviewed by E. Simonian. Prom. Arm. 4 no. 1:78-79 Ja '61.

Vertically closed conveyer. B. V. Ilkov, V. V. Erkhov. Mekh. i avtom. proizv. 15 no. 6 18-19 Je '61.

CONVEYING MACHINERY—MAINTENANCE AND REPAIR

Changing and splicing of rubber conveyer belts. I. I. Neshcheret. Gor. zhur. no. 6 72-75 Je '61.

COOK, JAMES, 1728-1779

New documents on James Cook's expedition. R. Ovchinnikov. Vokrug sveta no. 6 43, 58 Je '61.

COOKERY, MOLDAVIAN

Mel'nik, Vasilii. [Moldavian cookery] Moldavskaia kukhnia. Kishinev, Gos. izd-vo "Kartia moldovenaske," 1961. 248 p.

COOPERATIVE EDUCATION see Education, Cooperative

COORDINATES

Russia (1923- U. S. S. R.) Glavnoe upravlenie geodezii i kartografii. [Tables on increases of coordinates] Tablitsy prirashchenii koordinat. Izd. 4, ispr. Moskva, Izd-vo geodez. lit-ry, 1960. 156 p.

Transformation of grid coordinates into geographical coordinates and vice versa by the use of electronic digital computers. IU. A. Iakovlev. Izv. vys. ucheb. zav., geod. i aerof. no. 1:58-64 '61.

COPENHAGEN—DESCRIPTION AND TRAVEL

A city on the sea lanes. Genrikh Gurkov. Vokrug sveta no. 6:44-47 Je '61.

COPEPODA see subdivision under Pacific Ocean

COPEPODA, FOSSIL see subdivision under Sim Valley

COPPER

Determining the effect of a small admixture of cadmium on the volume and edge diffusion of cadmium into copper. A. L. Revo. Ukr. fiz. zhur. 6 no. 1 143-144 Ja-F '61.

Flotation of cement copper with dixathogens. A. A. Golikov. TSvet. met. 34 no. 6:10-12 Je '61.

Method for copper and zinc determination in a single sample of water. T. Kh. Koleasnikova. Gidrokhim. mat. 32:165-170 '61.

Oxidation of diolefins over copper catalysts. N. I. Popova, E. E. Vermel'. Kin. i kat. 2 no. 2, 235-239 Mr-Ap '61.

Solubility rate of copper in dilute solutions of sulfuric acid containing equivalent amounts of different oxidizing agents. A. I. Kinevskii. Izv. vys. ucheb. zav. ;khim. i khim. tekh. 4 no. 1:57-59 '61.

Use of fatty acids of the C_{17} - C_9 fraction for the separation of iron and copper from cobalt [with summary in English]. S. E. Kreimer and others. Zhur. anal. khim. 16 no. 3:303-307 My-Je '61.

COPPER—ANALYSIS

Conductometric method of determining zinc in the presence of copper. G. B. Pasovskaia. Izv. vys. ucheb. zav. ; khim. i khim. tekh. 4 no. 1:160-161 '61.

Photocolorimetric determination of copper by means of 2, 2'-bicinchoninic acid. A. L. Gershuns, A. A. Verezubova, Zh. A. Tolstykh. Izv. vys. uchob. zav. ;khim. i khim. tekh. 4 no. 1:25-27 '61.

Separating gallium from copper and nickel by ion exchange. E. P. TSintsevich, A. N. Gorokhova. Izv. vys. ucheb. zav. ;khim. i khim. tekh. 3 no. 2, 245-250 '60.

COPPER—ELECTROMETALLURGY see subdivision under Dzhezkazgan

COPPER—METALLURGY
(see also subdivision under Kazakhstan)

Rhenium recovery from copper concentrates. K. B. Lebedev, S. A. Ageev. Izv. AN Kazakh. SSR. Ser. met., obog. i ogneup. no. 1:48-54 '61.

Testing of a new method of flash smelting of copper concentrates. I. I. Penzimonzh, V. G. Shchurovskii, S. Kozhakhmetov. TSvet. met. 34 no. 6 39-44 Je '61.

COPPER—TESTING

Investigating causes of poor weldability of rolled wire rods prepared from Alaverdi wire-bar copper. V. Melkonian, L. Brik. Prom. Arm. 4 no. 1:60-64 Ja '61.

COPPER—THERMAL PROPERTIES

Thermal capacity of plastically deformed copper [with summary in English]. V. O. Pervakov, V. H. Khotkevych. Ukr. fiz. zhur. 6 no. 2 240-244 Mr-Ap '61.

COPPER—WELDING

Copperweld coatings on chromium-nickel steel. E. A. Asnis, V. N. Zamkov. Svar. proizv. no. 7:20-22 Jl '61.

COPPER AGE see subdivision under Dniester Valley

COPPER ALLOYS—CORROSION

Corrosion of copper and its alloys in hydrofluoric acid. E. I. Antonovskaia, IU. N. Vil'k. Khim. prom. no. 6, 431-432 Je '61.

COPPER COMPOUNDS

Distribution of the isomorphic components during crystallization from aqueous solutions. Report No. 4. Study of the system $(NH_4)_2Ni(SO_4)_2 \cdot 6H_2O$ - $(NH_4)_2Cu(SO_4)_2 \cdot 6H_2O$ - H_2O with the use of radioactive tracers. G. I. Gorshtein, N. F. Bashkina. Trudy IREA no. 22 8-11 '58.

Polarographic study of complex compounds of metals with nitroso-R salt, and their use in polarography. IU. I. Vainshtein, N. M. Diatlova. Trudy IREA no. 22: 33-42 '58.

Soluble complexes of unsaturated hydrocarbons with metal salts, and their role in catalytic reactions. Part 1. Soluble compounds of acetylene with copper salts. O. N. Temkin and others. Kin. i kat. 2 no. 2 205-213 Mr-Ap '61.

Thermodynamics of the reactions of polyhydroxy compounds with a copper ammonia base. Part 4: Determination of the thermal effect in the interaction between cellulose and a copper ammonia base with the aid of a calorimeter. M. I. Arkhipov. Izv. vys. ucheb. zav. ;khim. i khim. tekh. 4 no. 1:123-127 '61.

Thermodynamics of the reaction of polyhydroxy compounds with ammoniated copper hydroxide. Part 1: Reaction of ethylene glycol and α-methylglucoside with ammoniated copper hydroxide in solution. M. I. Arkhipov. Izv. vys. ucheb. zav. ;khim. i khim. tekh. 3 no. 2:352-359 '60.

COPPER INDUSTRY—BY-PRODUCTS

Cellular concretes made of waste products of copper ore concentration and copper smelting slags. B. Parimbetov, K. Zapabaev. Stroi. mat. 7 no. 5:13-16 My '61.

COPPER METABOLISM

Copper metabolism in growing wethers receiving different amounts of it in their food ration. M. U. Mambetov, R. N. Odynets. Izv. AN Kir. SSR. Ser. biol. nauk 2 no. 5 103-110 '60.

COPPER MINES AND MINING
(see also subdivision under Degtyarsk, Kafan region)

Dustiness of ventilation air flow in copper pyrite mines. B. A. Semenenko. Bezop. truda v prom. 5 no. 6 14-15 Je '61.

Potentialities of the copper industry. A. P. Udyiskii. Gor. zhur. no. 4:7-8 Ap '60.

COPPER ORES
(see also subdivision under Azerbaijan; Chingis-Tau)

Scientific session on "Regularities in the Distribution Location of Chalcopyrite and Copper Prophyritic Deposits." V. N. Kotlar. Izv. vys. ucheb. zav., geol. i razv. 4 no. 5 105-106 My '61.

COPPER ORES—MAPS see subdivision under Altai Mountains

COPPER OXIDES

Band structure of cuprous oxide. A. G. Zhilich, V. P. Makarov. Fiz. tver. tela 3 no. 2:585-587 F '61.

COPPER SALTS

Influence of substituents in molecules of 3-substituted rhodanines on the sensitivity of the reaction with a cation of copper. M. M. Turkevych, L. S. Assenheimer. Farmatsev. zhur. 16 no. 3:17-20 '61.

COPPER-VANADIUM ALLOYS

Mechanical properties of copper-vanadium and nickel-vanadium alloys at high temperatures. Metalloved. i term. obr. met. no. 3:52-55 Mr '61.

COPYING PROCESSES—TECHNOLOGICAL INNOVATIONS

Mechanization of the designing, copying and multiplying work. D. L. Kazachkov. Biul. tekh.-ekon. inform. no. 5:82-83 '61.

COPYRIGHT—PHOTOGRAPHS

Legal consultation. Sov. foto 21 no. 6:48 Je '61.

CORALS see subdivision under Antarctic regions

CORALS, FOSSIL
(see also subdivision under Salair Ridge)

Paleozoogeographical survey of Carboniferous corals in the U. S. S. R. K. G. Voinovskii-Kriger, N. P. Vasiliuk. Paleont. zhur. no. 2-3-7 '61.

CORE DRILLING

Analysis of the factors affecting the core extracted by double coring tools in coal mining. S. S. Sulakshin, A. A. Grebeniuk. Izv. vys. ucheb. zav., geol. i razv. 4 no. 3:115-125 Mr '61.

Determination of deformations of cores based on their textural characteristics. S. I. Shumenko. Razved. i okh. nedr 26 no. 2:45-46 F '60.

Results of using small-diamond heads. [A. M. Chaiko. Razved. i okh. nedr 26 no. 2:47-48 F '60.

CORE DRILLING—EQUIPMENT AND SUPPLIES

Designing a core self-unloading unit for core drilling. G. K. Pozharitskii. Izv. AN SSSR, Otd. tekh. nauk, Mekh. i mashinostr. no. 3 202-208 My-Je '61.

COREMAKING

Core drying by infrared ray heaters. A. M. Levin, O. N. Drikhanov. Lit. proizv. no. 3:10 Mr '61.

New SPT core binder. G. A. Sviridova. Lit. proizv. no. 3:36-37 Mr '61.

Ways of solving problems in the CO_2 process [from foreign journals]. IA. G. Polikov. Lit. proizv. no. 6:45-48 Je '61.

CORES (ELECTRICITY)

Aiakh, IU. A. [Regulation of the parameters and characteristics of magnetic amplifier cores] Kontrol' parametrov i kharakteristik serdechnikov magnitnykh usilitelei; obzor zarubezhnoi literatury. Moskva, Gos. energ. izd-vo, 1960. 135 p.

Determination of the optimum parameters of certain types of magnetic logic elements [with summary in English]. N. P. Vasil'eva, I. Goshkovets. Avtom. i telem. 22 no. 7:919-933 Jl '61.

Use of magnetic elements in telemetry code systems. V. F. Chernyshev. Shor. rab. po vop. elektromekh. no. 6. 201-208 '61.

CORES (ELECTRICITY)—TESTING

Using the Hall effect in investigating the properties of ferromagnetic cores. V. S. Andreev, M. E. Mazurov, I. N. Pradnikov. Izm. tekh. no. 7 36-37 Jl '61.

CORN (MAIZE)
(see also subdivision under Kirovograd Province; Leskonskiy District; Lotoshino District; Rovno Province; Shumakha District; Tambov Province; Ukraine)

Advanced cultivation practices used in growing corn. D. S. Fil'ov. Visnyk sil'. hosp. nauky 4 no. 6 50-57 Je '61.

Area soviets have begun work. M. Kudin, N. Markova. Komsom. zhizn' no. 12 10-13 Je '61.

Bukin, V. [Consolidated mechanized crew for corn growing] Ukrupnennoe mekhanizirovannoe zveno po vyrashchivaniiu kukuruzy. [Stavropol'] Stavropol'skoe knizhnoe izd-vo, 1960. 13 p.
(DA)

Changes in respiration intensity during the germination of corn seeds. Kh. Gering. Vest. Mosk. un. Ser. 6; Biol., pochv. 16 no. 3:15-21 My-Je '61.

Companion cropping of corn and soybeans. S. R. Molchadskii. Zemledelie 24 no. 6:77-78 Je '61.

Corn cultivation with electric lighting. S. Mishle, E. Potekhin. Tekh. v sel'khoz. 21 no. 6:70-71 Je '61.

[Corn in new regions; advanced cultivation practices] Kukuruza v novykh raionakh; peredovoi opyt vozdelyvaniia. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 136 p.
(DA)

Cytological data on male sterility in corn. E. I. Ustinova. Tsitologiia 3 no. 3:266-271 My-Je '61.

Determining the resistance of corn seeds to unfavorable germination conditions. M. A. Filimonov. Dokl. TSKhA no. 59:85-90 '60.

Drive for growing the corn on a large scale. G. Pavlova. Nar. obr. no. 6:63-64 Je '61.

Economic efficiency of the over-all mechanization of corn cultivation. V. Mel'nychenko. Ekon. Rad. Ukr. no. 3:19-28 My-Je '61.

Effect of variety, planting density, and harvesting time on the yield of corn stalks. V. T. Medvedieva. Visnyk sil'hosp. nauky 4 no. 5:50-54 My '61.

Ensiling corn together with straw. L. D. Shostak. Mekh. sil'. hosp. 12 no. 7:8 Jl '61.

Growth and development of corn plants as related to their number in hills and the area of squares in checkrow-pocket planting. V. I. Svinarev. Biul. MOIP, Otd. biol. 66 no. 3:68-78 My-Je '61.

How fertilizers affect the yield of corn when planted on Chernozems following fall cultivation with moldboard or moldboardless plows. T. A. Orlikova. Dokl. TSKhA no. 63 39-43 '61.

How various pH values of solutions used in the treatment of seed material affect the yield of corn. V. I. Babenko, P. K. Kovalenko. Visnyk sil'hosp. nauky 4 no. 5:102-103 My '61.

Improved methods for checkrow planting and cross cultivation of row crops. P. G. Karaerov. Dokl. TSKhA no. 66 75-80 '61.

In the Agronomy Section of the Scientific Technical Council of the Ministry of Agriculture of the U. S. S. R. I. A. Chirvinskii. Zemledelie 23 no. 6:89-90 Je '61.

Open-hearth furnaces feed corn. M. Beliakov. Izobr. i rats. no. 7:8-10 Jl '61.

Propagation and type preservation of self-pollinated corn lines. I. Elagin. Vest. sel'khoz. nauki 6 no. 6:143-145 Ja '61.

"Queen of fields" palace. G. Gruzdeva. Vokrug sveta no. 7, 28-29 Jl '61.

Rate of the floating of corn germ as dependent on milk density and clover consistency. B. K. Bychkov. Sakh. prom. 35 no. 6:53-59 Je '61.

Results obtained from field investigations on the comparative effectiveness of simazine and atrazine in controlling corn weeds. M. IA. Berezovskii. Doklady TSKhA no. 57 155-161 '60.

Shelling corn in a threshing drum [with summaries in English, German, and French]. S. IU. Danilevich. Vest. sel'khoz. nauki 6 no. 6:69-74 Ja '61.

Stimulating action of ultrasonic waves on the germination of corn seeds. L. M. Bronskaia, I. E. El'piner. Akust. zhur. 5 no. 4:492-493 '59.

Tarchokov, K. K. [King Corn] Bogatyrskoe zerno. Moskva, Izd-vo Sovetskaia Rossiia, 1961. 28 p. (Reshenila ianvarskogo (1961 g.) Plenuma TsK KPSS - v zhizn'!)
(DA)

CORN (MAIZE)—COSTS see subdivision under Georgia, North Kazakhstan Province

CORN (MAIZE)—DISEASES AND PESTS see subdivision under Moscow Province

CORN (MAIZE)—DRYING

Drying ear corn in the granaries of the Nikolayevskaya Grain Milling Combine. R. Bogomol'nyi, V. Zadorozhnyi. Muk.-elev. prom. 27 no. 5 23-24 My '61.

CORN (MAIZE)—FERTILIZERS AND MANURES
(see also subdivision under Transcarpathia)

Comparative effectiveness of nitrofoska and mixed simple fertilizers in their local application to corn and millet. V. S. Torin. Dokl. TSKhA no. 64 15-18 '61.

How nutritive conditions affect the sensitivity of corn to 2, 4-D. V. B. Bagaev. Dokl. TSKhA no. 64 101-107 '61.

Increasing the effect of peat-composts on corn. M. O. Zelens'kyi, D. K. Valovnenko. Visnyk sil'hosp. nauky 4 no. 5 42-45 My '61.

CORN (MAIZE)—GRADING

Experience in operating pneumatic tables at the Novo-Moskovsk Corn Processing Plant. M. Krechetova. Muk.-elev. prom. 27 no. 6 13-14 Je '61.

CORN (MAIZE)—HARVESTING

Get ready for the corn harvest in a vigorous way. Mekh. sil' hosp. 12 no. 7 1-2 Jl '61.

Modifying grain combines for corn harvesting. V. I. Koval'chuk, M. K. Didenko. Mekh. sil'. hosp. 12 no. 7:3-6 Jl '61.

Performance of corn combines at increased speeds. A. F. Dziubko. Mekh. i elek. sots. sel'khoz. 19 no. 3 35-36 '61.

SK-2, 6 combine harvests corn for grain. V. I. Moroz. Mekh. sil'. hosp. 12 no. 7:22-23 Jl '61.

CORN (MAIZE)—IRRIGATION see subdivision under Kazakhstan, United States

CORN (MAIZE)—STORAGE

A very simple corn crib. V. Kopkin. Sil'. bud. 11 no. 4:4-5 Ap '61.

CORN (MAIZE)—VARIETIES see subdivision under Ukraine

CORN AS FEED

Using corn cake for fattening swine. H. F. Kudynova. Visnyk sil'hosp. nauky 4 no. 7 67-69 Jl '61.

CORN BREEDING

First generation hybrids. V. E. Kozubenko. Nauka i zhizn' 28 no. 5:23-26 My '61.

Role of ionizing radiations in determining the forms of corn plants. A. T. Seisebaev. Vest. AN Kazakh. SSR 17 no. 5:106-107 My '61.

Sterilizing corn tassels with chemicals. M. M. Satarov. Visnyk sil'hosp. nauky 4 no. 5, 94-97 My '61.

CORNICE WORK

Manufacturing cornice parts in cement molds. Sel'. stroi. 16 no. 5:24 My '61.

CORONA (ELECTRICITY)

Device for measuring and registering corona losses in high-voltage electric power transmission lines. L. A. Nuzhdina, V. S. Popov. Shor. rab. po vop. elektromekh. no. 5:287-293 '61.

Experimental study of high-frequency corona interference on round conductors with a clean surface. V. V. Sidel'nikov, A. S. Sokhranskii. Shor. rab. po vop. elektromekh. no. 5:251-262 '61.

CORONARY HEART DISEASE

Pituitrin-produced coronary insufficiency. IA. I. Khadzhai. Farm. i toks. 24 no. 2:227-233 Mr-Ap '61.

CORONARY VESSELS

Detection and isolation of a serum glycoprotein obstructing coronary outflow [with summary in English]. A. A. Dubinskii. Vop. med. khim. 7 no. 2:197-200 Mr-Ap '61.

Effect of cholinomimetic substances on coronary circulation [with summary in English]. N. V. Kaverina. Farm. i toks. 24 no. 2:168-172 Mr-Ap '61.

Effect of temporary asphyxia on EKG changes caused by ligation of the coronary artery [with summary in English]. F. P. IAsinovskaia. Pat. fiziol., eksp. terap. 5 no. 3:15-19 My-Je '61.

CORONARY VESSELS—ABNORMITIES AND DEFORMITIES

Developmental anomaly — origin of the left coronary artery in the pulmonary artery. T. A. Naddachina. Arkh. pat. 23 no. 4:82-85 '61.

CORPULENCE

Some experience in the treatment of patients with obesity [with summary in English]. Z. Slabochova, Z. Platser, I. Moshek. Vop. pit. 20 no. 3 12-16 My-Je '61.

CORPUS LUTEUM

Determination of traces of corpora lutea in the Antarctic finback whale. V. A. Zemskii. Trudy VNIRO 38 105-160 '58.

Method of determining traces of ovulation of pregnancy corpora lutea in the humpback whale. M. V. Ivashin. Trudy VNIRO 38, 161-172 '58.

CORRESPONDENCE SCHOOLS AND COURSES
(see also subdivision under Leningrad Province; Rostov)

Improving the work of the evening correspondence schools. Nar. obr. no. 7:76 Jl '61.

Increase the enrollment of bank workers in correspondence schools. I. Piletskii. Den. i kred. 19 no. 6:43-46 Je '61.

Leave for correspondence course students. Sel'. mekh. no. 6:23 '61.

Let's give a sound fund of knowledge to correspondence students. S. P. Dudel'. Vest. vys. shkoly 19 no. 6 62-67 Je '61.

A methodological conference at the Law Faculty of Leningrad University. V. F. IAkovleva. Vest. LGU 16 no. 11:156-157 '61.

Microfilm books for correspondence students. E. A. Iofis, V. I. Lomakin. Vest. vys. shkoly 19 no. 6 52-53 Je '61.

Taking the great prospects into consideration. T. I. Samokhvalova. Vest. vys. shkoly 19 no. 6:41-45 Je '61.

CORROSION AND ANTICORROSIVES

Corrosion of metals in hydrogen sulfide at high temperatures. V. V. Ipat'ev and others. Khim. sera i azotorg. soed. v nefti, nefteprod. 3,419-430 '60.

Counteracting the corrosion of metal elements and mechanical equipment of hydraulic structures. R. P. Nosov. Gidr. stroi. 31 no. 5:32-36 My '61.

Deposit formation on the cadmium-plated parts of fuel pumps under the action of mercaptans contained in jet fuels. I. E. Bespalov, E. V. Kolotushkina. Khim. sera i azotorg. soed. v nefti i nefteprod. 3:475-481 '60.

Electrochemical methods for the determination of the passivation properties of pigments in lacquer-paint coatings. I. L. Rozenfel'd and others. Lakokras. mat. i ikh prim. no. 3 50-55 '61.

High temperature gas corrosion in media containing hydrogen sulfide. I. D. Zakharochkin, S. I. Vol'fson. Khim. sera i azotorg. soed. v nefti nefteprod. 3:411-418 '60.

Highly effective anticorrosive properties of motor oils from sulfur-bearing crudes. A. V. Druzhinina, P. I. Korotkov, V. F. Filippov. Khim. sera. i azotorg. soed. v nefti, i nefteprod. 3:487-490 '60.

Protection of equipment from corrosion in the production of phenol by benzene sulfonation. L. I. Gerchanovskii. Khim. prom. no. 6, 429-431 Je '61.

Stability against intercrystalline corrosion of welds in thin-sheet stainless steel made in an atmosphere of carbon dioxide. V. A. Savchenkov, V. I. Trubilko. Svar. proizv. no. 6:28-30 Je '61.

CORTICOSTERONE

Effect of cortisone on immunogenic processes. Report No. 4. Comparative study of the reactivity of the body to action of various steroid hormones [with summary in English]. A. N. Meshalova, I. B. Friazinova. Zhur. mikrobiol. epid. i immun. 31 no. 8:23-29 Ag '60.

CORTISONE

Effect of cortisone on acquired postvaccinal immunity [with summary in English]. S. L. Bliakher. Zhur. mikrobiol. epid. i immun. 31 no. 3 109-141 Mr '60.

Effect of cortisone on immunogenic processes. Report No. 4. Comparative study of the reactivity of the body to action of various steroid hormones [with summary in English]. A. N. Meshalova, I. B. Friazinova. Zhur. mikrobiol. epid. i immun. 31 no. 8:23-29 Ag '60.

Effect of cortisone on the course of infection of the tick-borne rickettsiosis of northern Asia in animals [with summary in English]. N. N. Rybkina. Zhur. mikrobiol. epid. i immun. 32 no. 4 137-142 Ap '61.

Effect of cortisone on the therapeutic effects of levomycetin in acute experimental infections [with summary in English]. V. A. Liashenko. Antibiotiki 6 no. 3:41-44 My-Je '60.

Treatment of the ulcerous stage of chronic dysentery with cortisone combined with blood transfusion. D. M. Khashimov, T. M. Dyskina. Zdrav. Tadzh. 8 no. 3:16-18 My-Je '61.

Use of ACTH and cortisone in surgical inflammatory diseases. I. N. Grishin. Zdrav. Bel. 7 no. 5:49-51 My '61.

CORYNEBACTERIUM DIPHTHERIAE

Comparative evaluation of dry fish agar and of Puchel'n medium in typing diphtheria microbes. P. T. Svirdenko. Lab. delo 7 no. 7 56 Jl '61.

Determination of the ferment, cystinase, in cultures of diphtheria bacilli. A. A. Shchinikina, S. S. Galitarov, L. K. Surevalova. Lab. delo 7 no. 7 57-58 Jl '61.

Effect of the products of protein splitting in a culture medium on toxin formation. Report No. 2. Antigenic and immunogenic properties of diphtheria toxins (toxoids) obtained on a medium, digested by two enzymes, during culture of the Weisensee strain [with summary in English]. P. V. Pavlov, A. G. Leonova. Zhur. mikrobiol. epid. i immun. 32 no. 1 95-99 Ja '61.

Evaluation of the toxigenicity of diphtheria bacteria by the diffusion method [with summary in English]. Kh. M. Dankas. Zhur. mikrobiol. epid. i immun. 31 no. 3 51-54 Mr '60.

Method of obtaining and some morphological features of the L-form of C. diphtheriae [with summary in English]. G. IA. Kagan, V. T. Savenkova. Zhur. mikrobiol. epid. i immun. 31 no. 3:58-58 Mr '60.

Pigment variations of diphtheria bacilli [with summary in English]. S. M. Vinogradova, O. A. Ignat'eva. Zhur. mikrobiol. epid. i immun. 31 no. 3 58-62 Mr '60.

Result of a simultaneous plate and inclined media in the examination of normal subjects as carriers of Loeffler's bacillus [with summary in English]. V. P. Blokhov, N. N. Gnuchev. Zhur. mikrobiol. epid. i immun. 31 no. 11:78-80 N '60.

Semisynthetic nutrient medium for determining the toxicity of diphtheria microbes in vitro. A. A. Leibenzon. Lab. delo 7 no. 7 55-56 '61.

Some biological properties of lipids and their complex compounds isolated from diphtheria bacilli [with summary in English]. F. K. Alimova. Zhur. mikrobiol. epid. i immun. 31 no. 3 88-93 Mr '60.

The structure of mannan in diphtheria bacilli [with summary in English]. O. K. Orlova. Biokhimiia 25 no. 3 430-443 My-Je '61.

CORYNEBACTERIUM DIPHTHERIAE CULTURE

Effect of products of deep splitting of proteins in a culture medium on C. diphtheriae toxin formation. Report No. 1: Medium digested by an enzymatic mixture of trypsin and enterokinase for the preparation of diphtherial toxin [with summary in English]. P. V. Pavlov, A. G. Leonova, M. V. Smirnova. Zhur. mikrobiol. epid. i immun. 31 no. 6:65-69 Ag '60.

COSMIC ELECTRODYNAMICS

Pikel'ner, S. B. [Principles of cosmic electrodynamics] Osnovy kosmicheskoi elektrodinamiki. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 295 p.

COSMIC RAYS

Azimuthal angular distribution of shower particles [with summary in English]. V. M. Chudakov. Zhur. eksp. i teor. fiz. 40 no. 1 156-162 Ja '61.

Detecting radiation anomalies above the southern part of the Atlantic Ocean at altitudes from 310 to 940 km. L. V. Kurnosova and others. Isk. sput. Zem. no. 9 90-93 '61.

Exact solution of basic equations of the cascade theory [with summary in English]. V. S. Symakh. Zhur. eksp. i teor. fiz. 40 no. 1 104-108 Ja '61.

Galactic wanderers. M. A. Koretz, Z. L. Ponizovskii. Priroda 50 no. 7:45-52 Jl '61.

High-altitude factors in extensive air showers on the altitude [with summary in English]. E. V. Gedalin. Zhur. eksp. i teor. fiz. 40 no. 1:178-170 Ja '61.

Investigating the nuclear component of cosmic rays by the third cosmic rocket. L. V. Kurnosova, L. A. Razorenov, M. I. Fradkin. Isk. sput. Zem. no. 9:87-90 '61.

COSMOLOGY

Infinity of the universe [with summary in English, p. 186]. G. I. Naan. Vop. filos. 15 no. 6:93-105 '61.

COST ACCOUNTING

Improve cost accounting. N. Chuiko. Vest. stat. no. 6 69-71 '61.

Moskovskii dom nauchno-tekhnicheskoi propagandy imeni F. E. Dzerzhinskogo. [Accounting of the expenditures for production and the calculation of the unit costs of industrial products] Uchet zatrat na proizvodstvo i kal'kulirovanie sebestoimosti promyshlennoi produktsii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 264 p.

COST AND STANDARD OF LIVING
(see also subdivision under Hungary)

Material and spiritual riches belong to our people. M. Kovalenko, M. Petrenko. Votov statist. no. 3:34-37 Mr '61.

COSTS, INDUSTRIAL

Benuni, A. Kh. [Reduction of industrial costs is a source for the growth of national wealth] Snizhenie sebestoimosti produktsii - istochnik rosta obshchestvennogo bogatstva. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii. Sverdlovskoe otdnie, 1961. 60 p.

Economical expenditure of wage funds is an important means for reducing production costs. V. Shokun. Den i kred. 10 no. 6:49-52 Je '61.

Kholeev, A. A. [The economic bases of the development of techniques and technology in industrial production] Ekonomicheskie osnovy razvitiia tekhniki i tekhnologii promyshlennogo proizvodstva. Moskva, Gos. izd-vo planovo-ekon. lit-ry, 1961. 130 p.

Let's correctly estimate production costs. E. Glikman and others. Elektr. Rasd. Ukr., no. 3 118-120 My-Je '61.

Lowering production costs is a source for the growth of national wealth. A. Vorobelchikov, V. Bol'shakova. Komm. Bel. 35 no. 3:51-57 Mr '61.

COSTUME see subdivision under Volga Valley

COSTUME, MILITARY see Uniforms, Military

COTTON

Inhomogeneity of cotton cellulose [with summary in English]. T. I. Sushkevich, Kh. U. Usmanov. Vysokom. soed. 3 no. 3 359-362 Mr '61.

Rate of pollen development in the 1306-DV and 108-F cotton varieties. V. A. Rumi. Uzb. biol. zhur. no. 3 12-49 '61.

Significance of different leaves of the cotton plant in the development of vegetative organs. P. K. Baltietas. Uzb. biol. zhur. no. 3:50-56 '61.

COTTON—FERTILIZERS AND MANURES see subdivision under Azerbaijan

COTTON MACHINERY

The APK-250 automatic feeder and bale breaker. T. A. Ustinovich. Biul. tekh.-ekon. inform. no. 6:50-52 '61.

COTTON-PICKING MACHINERY
(see also subdivision under Uzbekistan)

Investigating kinematic parameters of the SKhS-1, 2 cotton harvesting machine. V. N. Gadalin, A. S. Zimin, E. A. Pilluganova. Trakt. i sel'khozmash. 31 no. 6 27-30 Je '61.

COTTON SPINNING

Goncharov, A. V. [Combing machines in the cotton spinning industry, arrangement, assembly, maintenance, and setting] Mashiny grebnechesal'nogo potskhoda khlopkopriadil'nogo proizvodstva, ustroistvo, montazh, remont i naladka. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 290 p.

COTTON WILT

Verticillium wilt of cotton is on the agenda. M. V. Gorlenko. Zashch. rast. ot vred. i bol. 5 no. 1:62-63 Ja '60.

COTTONSEED OIL

Dependence of the quality of cottonseed oil on the depth of its extraction by benzene from the prepressed cottonseed cake. B. A. Kats, V. M. Shmitkina. Masl.-zhir. prom. 27 no. 6:10-12 Je '61.

COTYLEDON (ANATOMY) see Placenta

COUNTING DEVICES

Automatic counter of automobile tires according to their sizes on a continuous conveyer. L. I. Freidgeim. Mekh. i avtom. proizv. 15 no. 6 50-52 Je '61.

Electronic system of automatic high-speed counters. R. I. Slilin. Priborostroenie no. 6 22-23 Je '61.

COUPLINGS

Repairing couplings of SK-2, 6 combines. N. Gusarov. Tekh. v sel'khoz. 21 no. 6:83 Je '61.

Tabular method of centering couplings on coupled mechanisms. N. P. Murylev. Sudostroenie 27 no. 6:64-66 Je '61.

COURTS

Moscow. Vsesoiuznyi institut juridicheskikh nauk. [Theoretical and practical commentaries on the basic principles of the judicial system of the U. S. S. R. and the Union and Autonomous Republics] Nauchno-prakticheskii kommentarii k osnovam zakonodatel'stva o sudoustroistve Soiuza SSR, soiuznykh i avtonomnykh respublik. Pod obshchei red. IU. A. Kalenova. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 86 p.

[Practical manual for comrades' courts] Prakticheskoe posobie dlia tovarishcheskikh sudov. [Moskva] Gos. izd-vo iurid. lit-ry, 1961. 246 p.

COWS
(see also subdivision under Chimkent District)

Presence of glycogen in liver depending on the physiological condition of cows. A. A. Tureva'kyi. Visnyk sil'hosp. nauky 4 no. 5-117-119 My '61.

COWS—DISEASES AND PESTS

How cows suffering from chronic haematuria react to experimental rumenotomy. L. O. Hanimedov, L. F. Zalats, L. M. Drelikh. Visnyk sil'. hosp. nauky 4 no. 6:122-123 Je '61.

COWS—FEEDING AND FEEDS

Effect of fresh brewer's yeast on the digestion and metabolism in cows under various feeding conditions. A. V. Zhadan. Visnyk sil'hosp. nauky 4 no. 5-112-114 My '61.

CRAB FISHERIES see subdivision under Barents Sea

CRACKING PROCESS

Experiments on catalytic cracking and the oxidation of oil products. A. A. Grabetskii, V. S. Polosin. Khim. v shkole 16 no. 2 71-77 Mr-Ap '61.

Radiation-induced and thermal cracking of liquid hydrocarbons. A. M. Brodskii, K. P. Lavrovskii, V. B. Titov. Dokl. AN SSSR 138 no. 5 1143-1146 Je '61.

Selective hydrofining of catalytically cracked gasolines. D. L. Gol'dshtein, I. N. Osipov, A. V. Agafonov. Khim. sera i azotorg. soed. v nefti i nefteprod. 3:389-395 '60.

CRACKING PROCESS—EQUIPMENT AND SUPPLIES see subdivision under Novoufimka

CRANES, DERRICKS, ETC.
(see also subdivision under Europe, Eastern)

Accelerations of trolleys and bridges of bridge cranes. P. Z. Petukhov. Trudy Ural. politekh. inst. no. 104 5-14 '61.

Akademiia stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. Biuro tekhnicheskoi informatsii. [Technical characteristics of building and assembly cranes of the U. S. S. R.] Tekhnicheskie kharakteristiki stroitel'no-montazhnykh kranov SSSR. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 44 p.

Akademiia stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Construction and assembly cranes; a reference manual] Stroitel'no-montazhnye krany, spravochnoe posobie. Izd. 2. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 411 p.

Automatic control for crane machinery. G. N. Sharapov. Put' i put. khoz. 5 no. 5:24-25 My '61.

Designing three-dimensional structures of forging-crane bridges [with summary in English]. A. M. Vasylenko, V. V. Trofymovych. Prykl. mekh. 7 no. 3:304-312 '61.

Designing trolley frames for high-capacity bridge cranes. E. S. Goronkov. Trudy Ural. politekh. inst. no. 104 79-92 '61.

Determining stresses acting on elements of forging bridge cranes. A. G. Gorbachev. Trudy Ural. politekh. inst. no. 104 56-70 '61.

Differentiated accounting for dynamic coefficients is a means for reducing the weight of crane bridges. A. B. Parnitskii. Trudy Ural. politekh. inst. no. 104 49-55 '61.

Dynamic phenomena in metal structures of crane shafts for pit furnaces caused by starting and braking. V. N. Sutorikhin. Trudy Ural. politekh. inst. no. 104 29-37 '61.

Dynamic phenomena in metal structures of crane shafts for pit furnaces in case if shaft bottom hits supports. V. N. Sutorikhin. Trudy Ural. politekh. inst. no. 104 38-48 '61.

Elastic vibrating loads of crane mechanisms in case of operating with a consecutive "catching up". S. A. Kazak. Trudy Ural. politekh. inst. no. 104. 23-29 '61.

Electric drive of the bridge crane. N. Voronov, G. Belov. Tekh. v sel'khoz. 21 no. 6:78 Je '61.

Investigating the performance of metal structures of cranes used in warehouses for finished products of roughing shops at the Nizhniy Tagil Steelworks. V. N. Bogoiavlenskii, V. N. Sutorikhin. Trudy Ural. politekh. inst. no. 104 74-78 '61.

Methods of moving travelling gantry cranes. A. Alekseev. Rech. transp. 20 no. 6:31-32 Je '61.

Modernizing the SBK-1 tower crane by using a movable counterbalance. R. A. Lifshits, B. A. Shepitskii. Stroi. i dor. mash. 6 no. 5:10-11 My '61.

New requirements in electric equipment of cranes. P. N. Ushakov. Bezop. truda v prom. 5 no. 6:38-39 Je '61.

P. Gorbachenko's suggestion. P. Otchenko. Stroitel' no. 6:14 My '61.

Performance of the PG-6, 5 grab crane. V. Il'chenko. Sel'. mekh. no. 6:26-27 '61.

PSh-6, 4 universal grab crane. D. N. Galdalenok. Trakt. i sel'khozmash. 31 no. 6:40 Je '61.

Radial stresses and displacements of points of the sectional wheel center of a crane caused by press fitting of the shaft. V. I. Kotov. Trudy Ural. politekh. inst. no. 104 96-104 '61.

Relative duration of the operating period as a characteristic of the load graph of a crane gear. L. V. Konovalov. Vest. mash. 41 no. 7:33-35 Jl '61.

Strength calculations for light, uniform, cross-section crane booms. P. V. Ivanov. Sudostroenie 27 no. 6 20-24 Je '61.

Stresses in trusses of bridge cranes. P. Z. Petukhov, V. N. Bogoiavlenskii. Trudy Ural. politekh. inst. no. 104 71-73 '61.

Ukolov, D. P. [Hoisting operations in shipbuilding] Gruzopod"emnye raboty pri postroike sudov. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1960. 90 p.

Using operating cranes for moving soil in earthwork operations. S. A. Tiagunov. Prom. stroi. 39 no. 4 52-54 '61.

CRANES, DERRICKS, ETC.—BRAKES

Cohesion of running wheels with rails in crane travelling mechanisms in case of braking S A Kazak Trudy Ural politekh inst no 104 15-22 '61

Device for releasing brakes of a forging bridge crane, A G Gorbachev. Trudy Ural politekh inst no 104 93-95 '61

CRANES, DERRICKS, ETC.—SAFETY APPLIANCES

Torsional weight governor for jib cranes. D.S Asvadurov. Vest. mash. 41 no 7 27-32 Jl '61.

Universal load limiter. S.S. Shchedrovitskii and others. Bezop truda v prom. 5 no.7 16-19 Jl '61.

CRANES, DERRICKS, ETC.—TECHNOLOGICAL INNOVATIONS

Modernizing crane equipment A.I.Okat'ev. Bezop. truda v prom. 5 no 7 26-27 Jl '61

CRANIOLOGY see subdivision under Mingechaur

CRANIOMETRY
(see also subdivision under Ust'-Tal'kino)

Remains of domestic animals from nomadic burials k B IUr'ev Arkheol sbor. 1:83-84 '59

CRANKS AND CRANKSHAFTS

Nature of the wear and installation of crankshafts A V Khmelevskii Elek i tepl tinga 5 no. 4 18-21, 3 of cover Ap '61

CRANKS AND CRANKSHAFTS—TESTING

Rockwell hardness testing press for crankshaft journals I D Pogorelov, P I. Zemskov. Metalloved i term obr. met. no. 7:57 Jl '61.

CRAWLER TRACTORS

Tightening track links. I Nasedkuk. Sel'. mekh. no. 6: 26 '61

CRAWLER TRACTORS—DESIGN AND CONSTRUCTION see subdivision under Altai Territory

CRAWLER TRACTORS—TESTING

Experimental investigation of the crawler tractor of the 35-s coal-loading machine IU.V Navarskii Trudy Ural politekh inst no. 104 198-204 '61.

CRAYFISH

Trace hyperpolarization and depolarization in crayfish claw muscles. T. N. Oniani. Fiziol. zhur. 47 no 4: 495-499 Ap '61.

CRAZYWEED see subdivision under Siberia

CREASE-RESISTANT FABRICS—TESTING

Apparatus for determining the crease-resistance of fiber, yarn, and fabrics. S.S. Palladov, V P Skliannikov. Khim. volok. no. 3 48-49 '61

CREATION (LITERARY, ARTISTIC, ETC.)

On the matter of "self-expression." B. Platonov. Novyi mir 37 no. 6:227-233 Je '61.

CREDIT
(see also subdivision under Uglegorsk)

Credit and technological progress. P. Verba. Ekon. Rad. Ukr. no. 3:40-45 My-Je '61.

Makarov, A.D. [Financing and issuing credit to Soviet trade] Finansirovanie i kreditovanie sovetskoi torgovli. Moskva, Gos. izd-vo torg. lit-ry, 1961. 208 p.

CREEP OF FROZEN GROUND

Complex stress creep rate of frozen ground. S.E.Grechishchev. Izv. Sib. otd. AN SSSR no. 5.34-40 '61.

CREEP OF MATERIALS

Approximate calculation method for disks during unsteady creep. O.V. Sosnin. PMTF no. 1:132-134 Ja-F '61.

Dynamics of the stability of rods in case of creep. S. A. Shesterikov. PMTF no. 1:66-71 Ja-F '61.

Redistribution of stresses in a solid rotating disk at the first stage of creep. O.V. Sosnin. PMTF no. 2:152-156 Jl-Ag '60.

Rupture time in creep. V.S. Namestnikov. PMTF no. 1: 137-139 Ja-F '61.

Solving problems on unsteady creep. L.M. Kachanov. Prikl. mat. i mekh. 25 no. 1:162-163 Ja-F '61.

CREEP OF METALS

Creep in duralumin under conditions of a complex state of stress. V. S. Namestnikov. PMTF no. 2:157-162 Jl-Ag '60.

Long term strength and stationary creep of polycrystalline bodies. A.N. Orlov. Fiz. tver. tela 3 no. 2: 500-504 F '61.

Method of determining the creep limit of a metal by use of the impression in a slanting pyramid I. N. Tylevich, L. A Glikman. Zav. lab. 27 no. 6:738-743 '61.

Methods of extrapolating the results of relaxation testings IA. S. Ginsburg Izv. vys. ucheb. zav., chern. met. 4 no. 5:132-138 '61.

CREEP OF NICKEL

Effect of substructure on the creep of nickel. V. M. Rozenberg. Fiz. met i metalloved. 11 no. 6 899-909 Je '61.

CREEP OF PLASTICS

Creep and relaxation of high polymers in the transitory state N I. Malinin. PMTF no 1.56-65 Ja-I '61.

CREEP OF STEEL

Testing for creep and relaxation under tensile stress applied until rupture occurs. L IA. Liberman, N. V. Volkova. Zav lab 27 no 6:721-726 '61.

CRESOL

Alkylation of phenols by compounds with mixed functions. Report 1 Alkenylation of m-cresol with allyl alcohol. N I Shuikin, E.A Viktorova, I E. Poktovskaia. Izv AN SSSR, Otd khim. nauk no. 6 1084-1088 Je '61

Manganon IREA. Report No. 4. Determination of aluminum by the luminescence method with the use of salicylidene-o-aminophenol D A Bozhevol'nov Trudy IREA no 22 70-77 '58

CRIME AND ALCOHOLISM see Alcoholism and crime

CRIME AND CRIMINALS

Elements of a crime and some problems of the general part of criminal law A. I Santalov Izv vys ucheb zav ,prav 4 no 1:98-104 '60

CRIME PREVENTION
(see also subdivision under Krasnodar Territory)

The problems of crime prevention in the new laws enacted by the Union Republics, A. A. Gertsenzon Sov gos. i pravo 31 no. 7 69-79 Jl '61.

CRIMEA—ARCHAEOLOGY

"History and archaeology of medieval Crimea " Reviewed by A I IAkobson. Sov arkheol 5 no 2: 289-293 '61.

Two volumes on the history and archaeology of the Crimea ("History and archaeology of the ancient Crimea " Reviewed by O. D. Dashevskaia) Sov arkheol 5 no 2 287-288 '61.

CRIMEA—BEECH

Structure of uneven-aged virgin beech forests of the Northern Caucasus and the Crimea L V. Bitsin. Izv. vys. ucheb zav., les. zhur. 4 no. 2.35-38 '61.

CRIMEA—BRONZE AGE

Bronze Age solar images from the Crimea. A A Shchepinskii. Sov. arkheol 5 no 2:227-231 '61

CRIMEA—ECLIPSES, SOLAR—1961

Solar eclipse in Simferopol. V.D. Minchiko. Meteor. i gidrol. no. 7.36 Jl '61

CRIMEA—FLEA BEETLES

A survey of flea beetles of the Crimea (Coleoptera, Chrysomelidae, Halticinae) [with summary in English] D. S. Shapiro. Zool zhur 40 no 6:833-839 Je '61

CRIMEA—FLYSCH

Flysch structures in the Triassic sediments of the Crimea N. V Logvinenko Izv vys ucheb zav , geol i razv. 4 no 3 16-28 Mr '61

CRIMEA—FORESTS AND FORESTRY

Methods of regenerating mountain forest plantations in the Crimea. V. V. Ogievskii. Biul. nauch.-tekh. inform. Ukr. NIILKhA no. 3/4:18-22 '57.

CRIMEA—GOATS, FOSSIL

A new Caviconia species from the Hipparion fauna of the Crimea I. I. Sokolov Paleont. zhur. no. 2:112-118 '61.

CRIMEA—PHYSICAL GEOGRAPHY

Physicogeographical regionalization of the Crimean Peninsula. V. G. En. Biul. MOIP. Otd. geol 34 no. 5: 164-165 S-O '59.

CRIMEA—TICKS

Development and distribution of the marginatus Sulz. in mountain-fore Crimea [with summary in English] Zool zhur. 40 no. 6 828-832 Je

CRIMEA—WATER, UNDERGROUND

Artesian waters in the lower Cretac the Crimea. F. P. Samsonov Izv geol i razv 4 no 2 105-117 F '6

CRIMEA—WORLD WAR, 1939-1945

Volonchuk, F. F. [Behind enemy line Moskva, Voen. izd-vo M-va obor. (Voennye memuary)

CRIMINAL INVESTIGATION

Criminal investigation of fire cases. rubin. Pozh. delo 7 no. 6:7-8 Je

Public participation in pretrial investigational role. M. V. IAkovlev. Sov no. 7:120-123 Jl '61.

Some forms of public participation in tion. V. A. Stremovskii. Sov. gos. i 114 Jl '61.

A strict observance of criminal law collecting and evaluating of trial e of criminal investigation [with sum P. P. TSvetkov. Vest. LGU 16 no

CRIMINAL JUSTICE, ADMINISTRATION OF

Babaev, M. M. [Finding a sentence; from a people's judge's notes] Razmyshliaia nad prigovorom, iz zapisok narodnogo sud'i. [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1960. 23 p.

CRIMINAL LAW
(see also subdivision under Albania; Bulgaria; Czechoslovakia, Georgia, Ukraine)

Belkin, R. S. [Nature of the experimental method of investigation in Soviet criminal procedure and criminal law] Sushchnost' eksperimental'nogo metoda issledovaniia v sovetskom ugolovnom protsesse i kriminalistike. Moskva, Vysshaia shkola MVD RSFSR, 1961. 100 p.

Distinction between felonies and administrative misdemeanors in Soviet law O I Shishov Sov gos i pravo 31 no 6 61-73 Je '61

Elements of a crime and some problems of the general part of criminal law A I Santalov Izv vys ucheb zav ,prav 1 no.1 98-104 '60

Shortcomings in the examination of criminal cases relating to corrective labor V IUdin Sov iust no. 12 16-17 Je '61.

CRIMINAL PROCEDURE
(see also subdivision under Azerbaijan; Georgia; White Russia)

Belkin, R. S. [Nature of the experimental method of investigation in Soviet criminal procedure and criminal law] Sushchnost' eksperimental'nogo metoda issledovaniia v sovetskom ugolovnom protsesse i kriminalistike. Moskva, Vysshaia shkola MVD RSFSR, 1961. 100 p.

Pashkevich, P. F. [Objective truth in criminal procedure] Ob"ektivnaia istina v ugolovnom sudoproizvodstve. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 168 p.

"The Soviet criminal procedure course" by M.S. Strogovich Reviewed by M M Vydria and others. Izv vys. ucheb. zav ,prav 4 no.1,151-158 '60

Special problems concerning the examination of criminal cases initiated by private persons V Bozh'ev Sov iust. no.12,2-5 Je '61

Transfer of criminal cases initiated by private persons to fellow workers' courts I Gal'perin Sov iust no.12:20-21 Je '61

CRIMINALS, REHABILITATION OF see Rehabilitation of criminals

CRINOIDEA, FOSSIL see subdivision under Myachkovo region

CROP ROTATION see Rotation of crops

CROTONALDEHYDE

Kinetics of the addition of hypobromous acid to crotonaldehyde in an aqueous solution. N. P. Kamiaev. Izv. vys. ucheb. zav.; khim. i khim. tekh. 4 no. 1:78-83 '61.

CROTONIC ACID

Unsaturated acids containing trifluoromethyl groups. Report 3 Polarization of the double bond in β-trifluoromethylcrotonic acid. I. L. Knunyants, IU. A. Cheburkov. Izv. AN SSSR, Otd. khim. nauk no. 6 1057-1062 Je '61.

CRUSHED STONE see Stone, Crushed

CRUSHING MACHINERY

Floating crushing and grading installation Gidr. stroi. 31 no. 6:37 Je '61

Hard facing of rolls for the crushing of building materials. A. P. Dmitriev. Svar. proizv. no. 6:34-35 Je '61.

Investigating the system of automatic control of a single-stage crushing cycle. G. A. Khan, V. V. Smirnov. TSvet. met. 34 no. 6.1-9 Je '61.

Nosvizhskii, O. A. [Manufacture of balls for ball mills] Proizvodstvo meliushchikh tel dlia sharovykh mel'nits.

CRYSTAL LATTICES (Continued)

Investigating variations in the length of the diffusion displacement of current carriers and in the electrode potential of germanium during electrolytic treatment. P.P. Konorov, M.N. Kolbin. Fiz. tver. tela 3 no. 5 1553-1556 My '61.

Magneto-optical studies of quadrupole exciton transitions in Cu_2O crystals. E.F. Gross and others. Fiz. tver. tela 3 no. 5:1445-1452 My '61.

Methods for determining the value of crystal lattice and mosaic block distortions based on Fourier coefficients. G.M. Vorob'ev. Zav. lab. 27 no. 5 686-689 '61.

Thermodynamics of interstitial solid solutions with body-centered, cubic, crystal structures. N.S. Fastov. Fiz. met. i metalloved. 11 no. 6 856-863 Je '61.

CRYSTAL VIOLET

Determination of boron with crystal violet. I.A. Blum and others. Zav. lab. 27 no. 6:644-650 '61.

CRYSTALLIZATION

Crystallization of Bi, Te, and Bi_2Te_3 with the aid of the Peltier effect. S.A. Semenkovich, L.A. Kolomoets, N.V. Kolomoets. Fiz. tver. tela 3 no. 5 1597-1600 My '61.

Determining the plasticity of welded joints during crystallization. V.S. Gavriliuk. Svar. proizv. no. 7 17-19 Jl '61.

Distribution of the isomorphic components during crystallization from aqueous solutions. Report No. 3: Study of the system $(NH_4)_2Co(SO_4)_2 \cdot 6H_2O - H_2O$ with the use of radioactive tracers. G.I. Gorshtein, N.I. Silant'eva. Trudy IREA no. 22 3-7 '58.

Distribution of the isomorphic components during crystallization from aqueous solutions. Report No. 4: Study of the system $(NH_4)_2Ni(SO_4)_2 \cdot 6H_2O - (NH_4)_2Cu(SO_4)_2 \cdot 6H_2O - H_2O$ with the use of radioactive tracers. G.I. Gorshtein, N.F. Bashkina. Trudy IREA no. 22 8-11 '58.

Distribution of the isomorphic components during crystallization from aqueous solutions. Report No. 5: Study of the system $FeSO_4 - ZnSO_4 - H_2O$ with the use of radioactive tracers. G.I. Gorshtein, N.I. Silant'eva. Trudy IREA no. 22 12-17 '58.

Effect of certain oxides on the recrystallization of molybdenum. D.A. Prokoshkin, Chzhan Shao-tszian [Chang Mao-chiang]. Metalloved. i term. obr. met. no. 3:9-11 Mr '61.

Effect of crystallization rate on the properties of metallic solid solutions. G.N. Nysanbaev, A.A. Presnyakov. Vest. AN Kazakh SSR 17 no. 5 74-78 My '61.

Mechanism of recrystallization following small deformations. S.S. Gorelik. Metalloved. i term. obr. met. no. 3:12-17 Mr '61.

Some observations on the crystallization of beryllium oxide from a gaseous phase. P.P. Budnikov, N.V. Shishkov. Dokl. AN SSSR 138 no. 5:1093-1094 Je '61.

Transformations during steel heating. V.G. Gorbach, B.K. Sokolov. Metalloved. i term. obr. met. no. 6 42-44 Je '61.

CRYSTALLOGRAPHY

"X-ray diffraction analysis of polycrystals" by N.N. Kachanov, L.I. Mirkin. Reviewed by A.E. Koval'skii. Zav. lab. 27 no. 6:766-767 '61.

CRYSTALS

Determining the frequency distribution function of the phonon spectrum of crystals [with summary in English]. Iu. Kagan. Zhur. eksp. i teor. fiz. 40 no. 1 312-318 Ja '61.

Effect of the crystal field on the size of ion refractions. S.S. Batsanov, L.N. Mazalov. Izv. Sib. otd. AN SSSR no. 5 48-50 '61.

Elastic constants of crystals. Part I [translated from the English]. H.B. Huntington. Usp. fiz. nauk 74 no. 2:303-352 Je '61.

Electronic spectra of molecules and ions in crystals. Part I: Molecular crystals [translated from the English]. D.S. McClure. Usp. fiz. nauk 74 no. 1:86-123 My '61.

Mechanism of electron excitation for a model of the molecular orbits of an F-center and an exiton. A.A. Tsertsvadze. Fiz. tver. tela 3 no. 2:505-513 F '61.

Onset of dislocations in electric breakdown in ionic crystals. M.P. Shaskol'skaia, Van IAn'-ven' [Wang Yen-wen], Gu Shu-chzhao [Ku Shu-chao]. Fiz. tver. tela 3 no. 2:658-659 F '61.

Peculiarities of the development of destruction fractures in solid polymers. M.I. Bessonov, E.V. Kuvshinskii. Fiz. tver. tela 3 no. 2:607-610 F '61.

Polytrifluorochloroethylene signal crystals [with summary in English]. V.A. Kargin, N.F. Bakeev, Li Li-shen. Vysokom. soed. 3 no. 7:1100-1101 Jl '61.

Temperature dependence of short-range order in liquid lead [with summary in English]. IA.I. Dutchak. Ukr. fiz. zhur. 5 no. 1:94-98 Ja-F '60.

CRYSTALS—DEFECTS

Defects on the boundaries of twin interlayers. R.I. Garber, E.I. Stepina. Fiz. tver. tela 3 no. 2:514-519 F '61.

Investigation of the effect of plastic deformation on the electrical resistance of alloys [with summary in English]. I.IA. Dekhtiar, S.H. Lytovchenko, R.H. Fedchenko. Ukr. fiz. zhur. 6 no. 2:233-238 Mr-Ap '61.

Theory of residual electric resistance of multicomponent ordered alloys, taking into account the distortions of the crystal lattice caused by differences in atomic size [with summary in English]. O.I. Nosar', A.A. Smyrnov. Ukr. fiz. zhur. 6 no. 2 216-228 Mr-Ap '61.

Thermodynamic theory of the absorption of sound vibrations in crystals with lattice defects [with summary in English]. L.O. Svekhnenko. Ukr. fiz. zhur. 6 no. 2 197-201 Mr-Ap '61.

CRYSTALS—ELECTRIC PROPERTIES

Experimental determination of the thermal oscillation spectrum in crystals of arbitrary symmetry with the aid of incoherent monophononic scattering of cold neutrons. L.V. Tarasov. Fiz. tver. tela 3 no. 5:1431-1435 My '61.

CRYSTALS—GROWTH

Effect of conditions of growth on certain physical properties of mixed CdS-CdSe single crystals. N.I. Vitrikhovskii, I.B. Mizetskaia. Fiz. tver. tela 3 no. 5:1581-1586 My '61.

CRYSTALS—OPTICAL PROPERTIES

Boundary conditions for electromagnetic waves on the surface of optically active crystals. IU.A. TSvirko, M.A. Tolmazina. Fiz. tver. tela 3 no. 5:1393-1399 My '61.

Theory of the temperature dependence of dispersion and absorption of light in molecular crystals. V.L. Stryzhevs'kyi. Ukr. fiz. zhur. 5 no. 1 120-122 Ja-F '60.

CRYSTALS, ELECTRON STATE see Excitons

CUBA

Cuba's holiday. Nov. vrem. 19 no. 30:2 Jl '61.

CUBA—DESCRIPTION AND TRAVEL

Cuba. V. Poliakovskii. Nauka i zhizn' 28 no. 5 49-54 My '61.

"Cuba, 1961." V. Volodkin. Sov. foto 21 no. 6:5 Je '61.

Island of freedom. V. Ivanov, P. Ossovskii. Vokrug sveta no. 7 12-15 Jl '61.

Island of happiness and liberty. S.S. Smirnov. Sov. foto 21 no. 6:2-5 Je '61.

CUBA—ECONOMIC CONDITIONS

Impressions of Cuba. Marcel Bras. Vsem. prof. dvizh. no. 5 7-11 My '61.

Pages which look into the future ("The foundation of socialism in Cuba" and "Cuba, a free American country" [both in Spanish] by Blas Roca. Reviewed by A.R. Burgete). Vop. filos. 15 no. 6:169-173 '61.

CUBA—MOTION-PICTURE INDUSTRY

Alfredo Guevara on Cuban motion pictures. Nov. vrem. 19 no. 30:16-17 Jl '61.

CUBA—POLITICS AND GOVERNMENT

"Cuba - yes!" say the peoples of Asia and Africa. Az. i Afr. segi. no. 5:35 My '61.

The Cuban Revolution and the establishment of a new independent state. N.N. Razumovich. Sov. gos. i pravo 31 no. 7:80-90 Jl '61.

The Cuban revolution is invincible. Vsem. prof. dvizh. no. 5 4-6 My '61.

Impressions of Cuba. Marcel Bras. Vsem. prof. dvizh. no. 5 7-11 My '61.

The Inter-American Regional Organization of Workers of the I.C.F.T.U. is against Cuba. Vsem. prof. dvizh. no. 5 11 My '61.

Lamp of freedom in the Western Hemisphere ("Battle of Cuba" [in Spanish] by Fernando Benitez. Reviewed by A. Burlak). Mezhdunar. zhizn' 8 no. 7 161-163 Jl '61.

Mashkin, V.K., and M.I. Mokhnachev. [Cuba is a country of youth] Kuba - strana iunosti. Moskva, Izd-vo "Znanie," 1961. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 10, Molodezhnaia, no. 14)

Pages which look into the future ("The foundation of socialism in Cuba" and "Cuba, a free American country" [both in Spanish] by Blas Roca. Reviewed by A.R. Burgete). Vop. filos. 15 no. 6:169-173 '61.

A trip to Cuba (to be continued). S.S. Smirnov. Znamia 31 no. 6:135-178 Je '61.

CUBA—VIEWS

Volodkin, V.I. [Cuba 1961; report] Kuba 1961; reportazh. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 75 p. illus.

CUBA—YOUTH

Mashkin, V.K., and M.I. Mokhnachev. [Cuba is a country of youth] Kuba - strana iunosti. Moskva, Izd-vo "Znanie," 1961. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 10, Molodezhnaia, no. 14)

CUBAN NEWSPAPERS

Through the pages of "La Calle." V.B. Gladkii. Vest. Mosk. un. Ser. 7: Filol., zhur. 16 no. 3:73-75 My-Je '61.

CULTIVATORS

New potato growing and harvesting technology. P.N. Nastenko. Mekh. i elek. sots. sel'khoz. 19 no. 3 18-22 '61.

Operating cultivators at increased speeds. I.M. Nekol'sin, A.M. Fedorov. Zemledelie 23 no. 6:76-77 Je '61.

CUMENE

Emulsion oxidation of alkyl aromatic hydrocarbons under pressure. Part I. Kinetic laws governing the accumulation of the main products during the oxidation of isopropylbenzene and 1,1-diphenylethane. R.V. Kucher, S.D. Kaz'min. Kin. i kat. 2 no. 2 263-266 Mr-Ap '61.

Synthesis of 1-ethyl-4-isopropylbenzene, and some of its transformations. S.V. Zavgorodnii, V.I. Sigova. Izv. vys. ucheb. zav. ;khim. i khim. tekh. 4 no. 1 99-101 '61.

CUPOLA FURNACES

Cupola furnace cooled by evaporating water for smelting ore. R.S. Kontsevich, N.I. Sobolev. Stroi. i dor. mash. 6 no. 5 28-31 My '61.

Forehearth with gas outlet tube as means of increasing the heating of cast iron in cupolas operating on a cold blow. A. Korobtsov. Mor. flot 21 no. 6 26-29 Je '61.

Preparation of cupola furnace magnesium cast iron. S.F. Gorbunov, M.M. Levitan. Lit. proizv. no. 3:1-4 Mr '61.

CUPROUS OXIDE—MAGNETIC PROPERTIES

Magneto-optical studies of quadrupole exciton transitions in Cu_2O crystals. E.F. Gross and others. Fiz. tver. tela 3 no. 5 1445-1452 My '61.

CURAÇAO—DESCRIPTION

A day on the island of Curaçao. Sergei L'vov. Nov. vrem. 19 no. 29 23-24 Jl '61.

CURRANTS see subdivision under Khibiny; Moscow Province

CURRANTS—VARIETIES

Biochemical characteristics of some new black currant varieties. E.P. Franchuk. Biokhim. pl. i ovoshch. no. 6 159-164 '61.

CURRENCY QUESTION

Apologist for West German monopolies ("Current monetary and economic policy problems [in German] by Herman J. Abs. Reviewed by G. Dosa). Den. i kred. 19 no. 6:86-88 Je '61.

"Gold and the dollar crisis" [in English] by R. Triffin. Reviewed by L. Fray. Den. i kred. 19 no. 6 84-86 Je '61.

CUTTING MACHINES

Cutting reinforced-concrete flooring. V.M. Khrulev. Bet. i zhel.-bet. no. 5:223-224 My '61.

Operating cutting machines with zero angle in a plane. A.A. Levikov. Dokl. TSKhA no. 66:183-198 '61.

CUTTING MACHINES—ELECTRIC EQUIPMENT

Razygraev, A.M., and others. [Design and assembly of the electrical equipment of metal-cutting machines] Proektirovanie i montazh elektrooborudovaniia metallorezhushchikh stankov. Izd. 2., dop. i perer. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 303 p.

CYANAMIDE

Reactions of cyanamide with organic acids. A.E. Kretov, A.P. Momsenko. Izv. vys. ucheb. zav. ;khim. i khim. tekh. 4 no. 1:84-88 '61.

Reactions of cyanamide with substituted aliphatic acids. A.E. Kretov, A.P. Momsenko. Zhur. ob. khim. 31 no. 6:2000-2003 Je '61.

CYANIDE PROCESS

Use of anion exchangers for the regeneration of cyanide from complex salts. I.N. Plaksin, A.I. Sinel'nikova, A.IU. Beilin. Dokl. AN SSSR 138 no. 6:1390-1401 Je '61.

CYANOCOBALAMINE

Current concepts on intestinal absorption of vitamin B12. D.I. Gol'dberg, V.S. Lavrova. Pat. fiziol. i eksp. terap. 5 no. 1:3-13 Ja-F '61.

Effect of certain growth factors on the cultivation of Leptospira [with summary in English]. G.D. Klepko. Zhur. mikrobiol. epid. i immun. 32 no. 3:80-84 Mr '61.

Effect of vitamin B_{12} and choline on the phospholipid level of the blood of patients with liver cirrhosis [with summary in English]. Z.F. Denisenko. Vop. pit. 20 no. 3 23-28 My-Je '61.

Studies on cellulose bacteria synthesizing vitamin B_{12} [with summary in English]. I. Emanuilov. Mikrobiologiia 30 no. 2:308-314 Mr-Ap '61.

Treatment of lumbosacral radiculitis by epidural infusions of vitamin B_{12} [with summary in French]. M.A. Farber. Zhur. nevr. i psikh. 61 no. 2:291-293 '61.

CYBERNETICS

Cybernetics create problems (from "Priroda a spolecnost"). E. Kolman. Nauka i zhizn' 28 no. 5:43-45 My '61.

[illegible]

CZECHOSLOVAKIA - EXTRUSION (METALS)

Cold extrusion of parts made of well ... [illegible]

CZECHOSLOVAKIA - GREEKS

... [with summary in English] ... [illegible]

CZECHOSLOVAKIA - HOPS

Hop growing in Czechoslovakia ... [illegible]

CZECHOSLOVAKIA - LEATHER INDUSTRY

[illegible]

CZECHOSLOVAKIA - LEATHER INDUSTRY - STUDY AND TEACHING

[illegible]

CZECHOSLOVAKIA - MACHINERY INDUSTRY

[illegible]

CZECHOSLOVAKIA - MARKETS

[illegible]

CZECHOSLOVAKIA - MINING MACHINERY

[illegible]

CZECHOSLOVAKIA - POPULATION

[illegible]

CZECHOSLOVAKIA - PUBLIC HEALTH

[illegible]

CZECHOSLOVAKIA - RADIO

[illegible]

CZECHOSLOVAKIA - RELATIONS (GENERAL) WITH GREAT BRITAIN

[illegible]

CZECHOSLOVAKIA - RELATIONS (GENERAL) WITH RUSSIA

[illegible]

CZECHOSLOVAKIA - SULFURIC ACID

[illegible]

CZECHOSLOVAKIA - TELEPHONE

[illegible]

CZECHOSLOVAKIA - TELEVISION

[illegible]

CZECHOSLOVAKIA - TRADE UNIONS

[illegible]

CZECHOSLOVAKIA - ... [illegible]

[illegible]

Effect of ... DDT ... [with summary in English] ... [illegible]

... DDT ... [illegible]

DAGHESTAN - SHEEP BREEDING

[illegible]

DAGHESTAN—WALNUT
Biochemical characteristics of walnut in Daghestan. L. D Musaeva. Biokhim. pl i ovoshch. no. 6 208-216 '61.

DAGHESTAN POETRY—BIBLIOGRAPHY see Bibliography—Daghestan poetry

DAGHESTAN POETRY—TRANSLATION INTO RUSSIAN
[Poetry of the peoples of Daghestan; an anthology in two volumes] Poeziia narodov Dagestana, antologiia v dvukh tomakh. Moskva, Gos. izd-vo khudozh. lit-ry.
Vol. 1. 1960. 405 p.
Vol. 2. 1960. 438 p.

DAIRY BACTERIOLOGY
Heat-resistant lactic acid bacillus is the cause of excessive acidity in dairy products [with summary in English] N. S Koroleva. Mikrobiologiia 30 no 2 328-334 Mr-Ap '61

DAIRY BARNS
(see also subdivision under Leningrad Province; Moscow Province; Saratov Province; Ukraine)
Continuous shift method of dairy cattle maintenance in the dairying section of the "Novaia zhizn'" Collective Farm in Stupino District of Moscow Province V. A Sobolev, N P Militsin Dokl TSKhA no 61.181-186 '61.

DAIRY BARNS—HEATING AND VENTILATION
Ventilation of cow barns. A. I. Shchutskii Vod i san. tekh no. 6:27-31 Je '61.

DAIRY CATTLE
(see also subdivision under Ukraine)
Comparative characteristics of Black-and-White cows varying in milk production S. V Vavzhinchak Dokl TSKhA no 61 53-60 '61

DAIRY CATTLE—FEEDING AND FEEDS
Feeding proteins to dairy cows in summer A D Obukhova Dokl TSKhA no. 61:79-84 '61.
Some indices of fat metabolism in cows following the feeding of urea and sodium sulfate [with summary in English] V. I. Skorokhid. Ukr. biokhim. zhur. 33 no. 3 379-384 '61.
Sugar beets in the feed rations of dairy cows [with summaries in English, German, and French]. M. I. Knigo Vest. sel'khoz nauki 6 no. 6:42-49 Ja '61.

DAIRY CATTLE BREEDING
Comparative methods for evaluating hereditary features of sires on the basis of pedigree M. A Kravchenko, B. M. Benchis. Visnyk sil'hosp. nauky 4 no 7 70-77 Jl '61
Effect of inbreeding on the productivity of the cows of the "Gorki II" State Farm N. P. Bychkov. Dokl. TSKhA no 61 29-36 '61.
Quality of cows who are daughters of an inbred bull. N. P. Bychkov, P O Sosedov, S Kh. Tolstiakova Dokl TSKhA no 61:37-44 '61.
Results of using inbreeding in developing and improving Kurgan cattle P. A. Baryshnikov. Dokl TSKhA no 61:45-52 '61.

DIARY WORKERS—DISEASES AND HYGIENE
Milkmaids' hands. IA. G. Dubrov. Zdorov'e 7 no. 7:24 Jl '61.

DAIRYING
(see also subdivision under Slutsk District; Stupino District)
Assignment of work norms in dairy cattle raising IU. T Buzhov, S. V. Babenko. Dokl TSKhA no 58:143-159 '60.
Basis for a standard milking equipment and milk processing on dairy farms. Z. IA. Zhuk. Trakt. i sel'khozmash. 31 no. 6:15-20 Je '61.
Bol'shakova, V. P. [My experience in increasing the milk yield of primapara heifers] Moi opyt razdoia pervotelok. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 15 p. (Reshenita ianvarskogo (1961 g.) Plenuma TsK KPSS - v zhizn'!)
(DA)

DAIRYING—EQUIPMENT AND SUPPLIES
Investigating the centrifugal cleaning of milk at increased speeds. IU. B. Panchenko. Trakt. i sel'khozmash. 31 no. 6:20-24 Je '61.

DALAKIAN, NINEL'
New names. Gr. Nersisian. Teatr 22 no. 6:158 Je '61.

DAMPING (MECHANICS)
Two-layer vibration-absorbing structure. N. I. Naumkina, B. D. Tartakovskii, M. M. Efrussi. Akust. zhur. 5 no. 4: 498-501 '59.

DAMS
Dynamic pressure of fluid on a dam during an earthquake Chen' Chzhen'-chen [Ch'ên Chên-ch'êng]. Prikl. mat. i mekh. 25 no. 1:150-154 Ja-F '61.
Earth-fill dams using cohesive soils. N. P. Kolpashnikov, V. A. Meient'ev. Gidr. stroi. 31 no. 6:22-27 Je '61.
Permeability of earthen dams. N. I. Kirichenko. Uch. zap AGU. Geol.-geog. ser. no. 2:51-53 '59.
Seventh International Congress on Large Dams. Gidr. stroi. 31 no. 6:62 Je '61.

Spillway dam made of reinforced concrete hollow pile. A. R. Berezinskii. Gidr. stroi 31 no. 5 46-47 My '61
Vainshtein, G. M. [Building arch dams] Stroitel'stvo arochnykh plotin. Moskva, Gos. energ. izd-vo, 1961. 167 p.

DANDELIONS
Biology of flowering and fruiting in Taraxacum hybernum Stev P. F. Medvedev. Bot. zhur. 46 no. 6:890-892 Je '61.

DANIBEGOV, RAFAIL
[Travels of Rafail Danibegashvili] Puteshestvie Rafaila Danibegashvili. Moskva, Gos. izd-vo geogr. lit-ry, 1961. 69 p.

DANUBE RIVER—NAVIGATION—LAWS AND REGULATIONS
Bratislava Agreements in action. S. Labutov. Mor. flot 21 no. 2:10 F '61.

DANUBE VALLEY
Giritsa, L. I. [Along the lower Danube] Po nizhnemu Dunaiu. [Odessa] Odesskoe knizhnoe izd-vo, 1961. 63 p.

DANUBE VALLEY—BOLGARS
On the problem of the material culture of the Slavs and the original Bolgars in the lower Danube Valley S N Georgieva-Karandzhieva. Sov. arkheol. 5 no 2:96-102 '61.

DANUBE VALLEY—POTTERY, SLAVIC
On the problem of the material culture of the Slavs and the original Bolgars in the lower Danube Valley S N Georgieva-Kazandzhieva. Sov. arkheol. 5 no 2:96-102 '61.

DARG-KOKH—STUDENT ACTIVITIES
After school groups. B. Mostiev. Nar. obr. no. 7 53-57 Jl '61

DARKLING BEETLES
(see also subdivision under Kazakhstan; Soviet Central Asia)
A new species of the genus Diesia Fisch.-W. (Coleoptera, Tenebrionidae) [with summary in German]. A. V. Bogachev. Ent. obozr. 40 no. 2:369-370 '61.

DASHKESAN REGION—IRON ORES
Mineralization characteristics and the genesis of the Dashkesan iron deposit [with summary in English] M. A Mustafabeili, G. P Kornev, D M Akhmedov Sov geol. 4 no 5:96-109 My '61

DAUGAVPILS—REPAIR AND SUPPLY STATIONS
Socialist competition. B. Bruev. Sel'. mekh. no. 6:19-20 '61.

DEAD SEA SCROLLS
Kumran's papyri and parchments ("Dead Sea scrolls" by I D Amusin. Reviewed by E. Vasil'eva). Vokrug sveta no. 7:62-63 Jl '61

DEAFNESS
Effect of noise on the hearing organ in workers employed in nail production [with summary in English]. M. L Khaimovich. Trudy LSGMI 61:147-150 '60.

DEATH—CAUSES
Practical aspects in establishing causes of sudden death in miners. A. P. Gromov. Gig. i san. 26 no. 1:109-112 Ja '61.

DEATH, APPARENT
Effect of hypothermia on the ammonia and glutamine content of the cerebral cortex of dogs in death and subsequent resuscitation [with summary in English]. M. S. Gaevskaia, E. A Nosova. Ukr. biokhim. zhur. 33 no. 3:407-419 '61.

DECAPODA (CRUSTACEA), FOSSIL
Mysterious tracks. N. Zenkevich. Vokrug sveta no 7: 59 Jl '61.

DECARBOXYLASE
Preparation with an arginine-decarboxylase activity obtained from S. typhimurium and its effect in an experiment, author's abstract. IU. V Galaev, S. R. Khomik. Zhur. mikrobiol. epid. i immun 31 no 6:141 Ag '61.

DECORATIONS OF HONOR, ACADEMIC
(see also subdivision under Germany, East)
Academic decorations of honor for graduates of the Higher School of Trade Unionism K. Borisov. Sov. profsoiuzy 17 no. 12:34 Je '61.

DEEP DRAWING (METALWORK)
Certain factors determining the capacity of sheet steel to be deep-drawn. P. G. Kovtun, O. Z. Rozhkov. Kuz.-shtam. proizv. 3 no. 6:7-13 Je '61.
Changes in the technology of producing tinned flasks. O. A. Rozhkov. Kuz.-shtam. proizv. 3 no. 7:13-15 Jl '61.

DEEP-SEA DEPOSITS see subdivision under Arctic Ocean

DEER—DISEASES AND PESTS
Leptospirosis in spotted deer [with summary in English] B. V Vysotskii, L P Riashchenko Zhur mikrobiol epid i immun 32 no 5 67-68 My '61

DEFENSES, NATIONAL see also subdivision 'Defenses' under Europe; Great Britain; Nii-Jima, Japan

DEFICIENCY DISEASES
Electrophoretic examination of blood serum proteins in experimental deficiency of vitamins A, B, C and D, and biotin [with summary in English]. I. Pavel, S Kympean, N. Kishiu. Vop. pit. 20 no 2:47-50 Mr-Ap '61.
Experimental vitamin E difficiency as a model of progressive muscular dystrophy in man. M G. Shcherbakova Arkh. pat. 23 no. 4.15-23 '61.
Possibility of prolonged carrying of Rickettsia prowazeki Report No 4- Influence of an avitaminotic diet on the possibility of isolating Rickettsia prowazeki from animals following an attack of experimental typhus fever. T. V. Bocharova. Zhur mikrobiol. epid i immun 32 no 5 96-97 My '61

DEFORMATIONS (MECHANICS)
Approximate calculation of unit-pressure diagrams due to the extrusion of metals through a slot. L M. Makushok. Shor. nauch. trud. Fiz. tekh. inst. AN BSSR no. 6:78 81 '60.
Built-up edge and the curves of longitudinal deformations and stresses in rolling D I. Stavchenko. Izv. vys. ucheb. zav., chern met 4 no. 6:87-94 '61.
Characteristics of changes in the fine crystal structure of chromium and its alloys during deformation S S Gorelik, N. N. Miuller Izv vys ucheb zav., chern. met. 4 no 5 129-131 '61
Dependence of elastic constants of a metal on plastic deformations O. A Shishmarev, E. IA. Kuz'min. Izv. Akh SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 3 167-169 My-Je '61.
Depth of the zone of plastic deformation in high strip rolling I IA Tarnovskii, V P. Kotel'nikov Izv vys ucheb zav., chern met 4 no 5 109-119 '61
Determining deformations under the effect of vibration loading M IA Karnov. Kuz.-shtam proizv. 3 no 8: 21-23 Je '61
Determining stresses caused by deformations in rhombic grooves. M. IA Brovman, S. M. Genzelev. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 3 169-171 My-Je '61.
Determining the density of dislocations arising in the deformation of Armco-iron and magnesium [with summary in English] S D. Hertsriken, M M Novykov, M. IA Horid'ko. Ukr fiz zhur. 6 no 2 229-232 Mr-Ap '61
Diagrams of steel deformation hardened from temperatures Ac1 - Ac3. G. I. Pogodin-Alekseev, B. A. Artamonov. Metalloved. i term. obr. met. no. 3:47-51 Mr '61.
Distribution of pressures caused by upsetting. E. M. Makushok, Shor. nauch. trud. Fiz.-tekh. inst. AN BSSR no. 6:74-77 '60.
Dynamic expansion of a plastic hollow sphere considering the breakdown of material [with summary in English] M. F. Pavliuk Prykl mekh. 7 no 3:313-320 '61
Effect of the degree of deformation on the true resistance to deformation of steels by cold working. V. A. Krokha. Kuz.-shtam. proizv. 3 no. 7.6-10 Jl '61.
Elastic plastic deformations at the clamped edge of a thin-walled cylinder. I. S. TSurkov. Inzh. sbor. 31:93-100 '61.
Formation of necks in flat specimens subjected to tension. L. V. Ershov. PMTF no. 1:135-137 Ja-F '61.
Griaznov, I. M., and others. [Laboratory manual on the strength of materials and on deformations] Laboratornyi praktikum po soprotivleniiu materialov, deformirovaniiu. Pod obshchei red. P. M. Ogibalova i I. A. Skorogo. [Moskva] Izd-vo Mosk. univ., 1961. 199 p.
High-temperature branch of the internal friction background. N. S. Fastov. Dokl AN SSSR 136 no. 5 1069-1072 Je '61.
Investigating the deformability of chromium-nickel alloys. N. S. Shibalov, A F. Filippov, N M Surovoi. Izv. vys. ucheb. zav., chern. met 4 no. 5: 75-84 '61.
Investigating unit friction forces and unit pressures along the entire contact surface of the deformation zone during rolling. V. G. Gorsvald, N. I. Svede-Shveta. Izv. vys ucheb. zav., chern. met. 4 no. 6:75-86 '61.
Investigation of the effect of plastic deformation on the electrical resistance of alloys [with summary in English]. I. IA. Dekhtiar, S. H. Lytovchenko, R. H. Fedchenko. Ukr. fiz zhur. 6 no. 2 233-239 Mr-Ap '61.
Measuring normal stresses in plastic deformation. IA. M. Okhrimenko, B. D Kopyskii Izv vys. ucheb zav., chern. met 4 no 5:120-128 '61.
Mechanism of recrystallization following small deformations. S. S. Gorelik. Metalloved. i term. obr. met. no. 3:12-17 Mr '61.
Numerical solution of the problem of pressing-in of a smooth stamp into a plastically nonuniform semiplane. B. A. Druianov. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 3:163-166 My-Je '61
Plane plastic deformation of anisotropic materials. V. L. Dobroyol'skii. Prikl. mat. i mekh. 25 no. 1: 169-173 Ja-F '61.

DEFORMATIONS (MECHANICS) (Continued)

Propagation of plastic deformation caused by a considerable durability of a longitudinal impact. M I. Chernenko. Izv AN SSSR. Otd tekh. nauk Mekh i mashinostr no 3 158-160 My-Je '61

Relations between certain types of deformation. T D. Shermergor. PMTF no 2 150-152 Mr-Ap '60.

Single equation for the plastic elongation of metals G.P. Zaitsev. Fiz met i metalloved 11 no 6 910-918 Je '61

Stability of equilibrium in inelastic deformations. G.V Ivanov PMTF no. 1 47-55 Ja-F '61.

State of spherical deformation of plastic media. D.D. Ivlev, T.N Martynova. PMTF no. 1 72-75 Ja-F '61.

Studying strained state caused by the extrusion of metals in burrs. V P. Severdenko, E M Makushok Sbor. nauch. trud Fiz.-tekh inst. AN BSSR no. 6 16-57 '60

Thermal capacity of plastically deformed copper [with summary in English]. V O Pervakov, V H Khotkevych Ukr. fiz zhur 6 no 2 240-244 Mr-Ap '61

Transcritical deformations of cylindrical shells under external pressure A V Pogorelov. Dokl AN SSSR 138 no 6:1325-1327 Je '61

Transfer of plastic deformation by "relay" M P Ushkov, I. M. Utevskii Fiz met i metalloved. 11 no 6 952-954 Je '61

DEFORMITIES

Diagnosis of congenital and acquired surgical diseases in newborn infants and the terms of their treatment S D. Ternovskii, A.G Pugachev. Akush i gin. 37 no 1 3-17 '61

DEGREES, ACADEMIC

More on academic degrees and titles V. N. Shubin Vest vys. shkoly 19 no 6 88-91 Je '61

DEGTYAREV, VASILII LEONT'EVICH

Young eagle. T. Stepanchuk. Kryl rod 12 no. 6 10-11 Je '61.

DEGTYARSK—COPPER MINES AND MINING

Mining low-thickness sections of the Degtyarsk deposit A I Shurygin Trudy Gor.-geol inst UFAN SSSR no 54 111-114 '60

Selective and total mining of copper and sulfur ores in the Degtyarsk deposit L. E. Zubrilov, A I Shurygin Trudy Gor.-geol. inst. UFAN SSSR no 54 65-69 '60

DEHYDRATION (CHEMISTRY)

Catalytic properties of thorium dioxide in the dehydrogenation and dehydration of alcohols, and in the dehydrogenation of cyclic hydrocarbons. A A Balandin, A A. Tolstopiatova, Z. Dudzik Kin. i kat 2 no 2 273-284 Mr-Ap '61

Properties of a boron phosphate catalyst in the dehydration of a pyrocatechol-methanol mixture I. Kh Freidlin and others Kin. i kat. 2 no. 2:228-234 Mr-Ap '61

DEHYDROGENASE

Changes in alkaline reserve and carbonic dehydrogenase activity of the blood in acute radiation sickness. K V Ivanov, A. I. Dmitriev. Pat. fiziol., eksp. terap 5 no. 3: 73-74 My-Je '61.

DEHYDROGENATION

Catalytic dehydrogenation of dihydrofuran. N I. Shukin, I.F. Bel'skii, R. A Karakhanov. Dokl. AN SSSR 136 no. 5 1136-1138 Je '61

Catalytic properties of thorium dioxide in the dehydrogenation and dehydration of alcohols, and in the dehydrogenation of cyclic hydrocarbons A A Balandin, A. A. Tolstopiatova, Z Dudzik. Kin i kat. 2 no. 2:273-284 Mr-Ap '61.

Dehydrogenation of n-alkanes in a fluidized bed of oxide catalysts. Yu. N. Plotnikov and others Kin i kat. 2 no. 2:267-272 Mr-Ap '61.

Effect of the structure of alkyl aromatic hydrocarbons on the kinetics of their dehydrogenation. O. K. Bogdanova, A. A. Balandin, I. P. Belomestnykh. Dokl. AN SSSR 138 no. 5.1080-1082 Je '61.

Pyrazoles. Part 18. Dehydrogenation of 3-hydroxy- and 3-aminopyrazolines with sulfur I. I. Grandberg and others Zhur. ob. khim. 31 no. 6:1892-1896 Je '61

Rate of carbon formation in the vacuum dehydrogenation of isopentane-isoamylene mixtures to isoprene I IA Tiuriaev, T. L. Balashova. Kin. i kat 2 no. 2:247-251 Mr-Ap '61

DELAY NETWORKS

Compensation of the time delay in a relay system [with summary in English]. N. A Korolev. Avtom. i telem. 22 no 5:605-612 My '61.

Problem concerning the study of delay networks. N. V. Kartev Radiotekh. i elektron. 6 no. 6:1029 Je '61.

Time relay using a thermistor and a magnetic relay [with summary in English]. O. P. D'iakov, N. M Tishchenko, N P. Udalov. Avtom. i telem. 22 no. 5:648-653 My '61

DELIVERY OF GOODS (LAW)

Reorganization of the administration of industry and changes in contractual relations concerning the delivery of goods. E. A Tarnovskaia. Izv. vys. ucheb. zav., prav. 4 no 1.53-61 '60.

DEMENTIA PRAECOX see Schizophrenia

DENMARK—GEOLOGY, STRUCTURAL

Basic features of the structure and relief of Denmark. L R Serebrianyi Biul MOIP Otd. geol 34 no 5 167-168 S-O '59

DENMARK—SHIPS

Danish-built ships [from "The Motor Ship" no. 184, 1960, "Shipbuilding and Shipping Record," no 20, 1960] Sudostroenie 27 no 6.78-79 Je '61

DENTAL PROSTHESIS see subdivision under Ukraine

DEPARTMENT STORES see subdivision under Tallinn

DEPRECIATION

Determining physical depreciation of fixed assets on collective farms V Gorelik Vest stat no 6.55-62 '61

DEPRESSION, MENTAL

Depressive states appearing during treatment with neuroleptic drugs [with summary in French]. A. B. Smulevich. Zhur. nevr i psikh. 61 no. 2:236-246 '61.

Studies on electrical activity changes in the cerebral cortex in patients with depressive states during treatment with imizin (tofranil) [with summary in French]. E. A. Lelbovich Zhur. nevr. i psikh 61 no 2.186-200 '61.

Treatment of depression with imizin (tofranil) [with summary in French]. T. N. Morozova. Zhur. nevr. i psikh 61 no. 2.176-182 '61.

Treatment of depressive states with imizin (tofranil) [with summary in French] V. E. Galonke, R A Nadzharov Zhur. nevr. i psikh. 61 no. 2 183-185 '61.

DEPRESSIONS—1929

Mal'kov, V. L. [Labor movement in the U. S. A. during the period of the world economic crises, 1929-1933] Rabochee dvizhenie v SShA v period mirovogo ekonomicheskogo krizisa, 1929-1933 gg. Moskva, Izd-vo Akad. nauk SSSR, 1961. 313 p.

DERMATOPHYTES

Cultivation of some dermatophytes under nonsterile conditions [with summary in French]. Z G Stepanishcheva Shor nauch. rab po lepr. i derm. no. 13:129-133 '59

DERMATOSCLEROSIS see Scleroderma

DESERT FLORA

(see also subdivision under Uzbekistan)

Biogeocoenotic interrelations in the denudation process of bare sands. I. I. Gordienko. Bot. zhur. 46 no. 6:881-886 Je '61.

DESIGN, DECORATIVE see subdivision under Bakhchisaray District

DESIGN, INDUSTRIAL

Make way for esthetics in technology. I. Ittenberg. Rech. transp. 20 no. 6:49 Je '61.

Mechanization of the designing, copying and multiplying work D. L Kazachkov Biul. tekh.-ekon. inform no 5:82-83 '61

DESOXYRIBONUCLEIC ACID

Comparative study of the nucleotide composition of desoxyribonucleic acids in some vertebrates and invertebrates. A. S. Antonov, A. N. Belozerskii. Dokl. AN SSSR 138 no. 5 1216-1219 Je '61.

A study of the resynthesis of desoxyribonucleic acid in isolated cell nuclei [with summary in English] R I. Salganik, T. M Morozova, V F. Drevich. Biokhimiia 26 no. 3.399-407 My-Je '61.

DESULFURATION

Arrangement for the desulfuration of liquid metal outside of the furnace. S. F. Karp. Vop. proizv. stali no. 8: 44-47 '61.

Burning out of the sulfur in the sintering process [with summary in English]. D. T. Khokhlov. Stal' 21 no. 3: 193-197 Mr '61.

Load desulfuration theory. V. M. Andreev, F. M. Loskutov. Izv. vys. ucheb. zav.; tsvet. met. 4 no. 2:58-64 '61.

New method for the desulfuration of liquid cast iron. V. G. Fedorovich. Vop. proizv. stali no. 8:39-43 '61.

DETERGENTS see Cleaning compounds

DEUTERIUM

Effect of the isotopic substitution of deuterium for hydrogen on the vapor pressure of some alcohols. A. A. Efremov, IA. D. Zelivenskii. Zhur. VKHO 6 no. 3 359-360 '61.

Geochemistry of deuterium in oils and bitumens of the oil series. K. I. Mzhachikh, K. B. Ashirov. Sov. geol. 4 no. 6:130-134 Je '61.

Isotopic hydrogen exchange in connection with the tendency toward condensation reactions. T. I. Abramovich, I. P. Gragerov, V. V. Perekalin. Zhur. ob. khim. 31 no. 6:1962-1968 Je '61.

Malkov, M. P., and others. [Isolation of deuterium from hydrogen by the deep cooling method] Vydelenie deiterlia iz vodoroda metodom glubokogo okhlazhdeniia. Pod obshchei red. M. P. Malkova. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhn. 1961. 150 p.

DEUTERIUM OXIDE

Vladimirskii, K. V., M. IA. Kats, and B. M. Stasevich. [Isotopic analysis of heavy water] O metodikh izotopnogo analiza tiazheloi vody. Moskva, 1955. 15 p. (Doklady, predstavlennyo SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

DEUTEROMYCETES

Evolutionary prerequisites of the formation of the group of imperfect fungi O. L. Rudakov Izv AN Kir SSR Ser biol nauk 2 no 7 41-50 '60

DEUTERONS

Electric polarization of deuterons due to scattering by a Coulomb field [with summary in English] T. L Abelishvili, A. H Sytenko. Ukr fiz zhur 6 no 1 3-11 Ja-F '61

Interaction between deutons and the C^{12} nucleus. A. P. Zhdanov, F G. Lepekhin. Trudy Radiev. inst. AN SSSR 9 11-14 '59.

Polarization of nucleons generated in the diffraction fission of deuterons V K Tartakovs'kyi Ukr. fiz zhur 6 no. 2 273-275 Mr-Ap '61

DEUTERONS—DIFFRACTION

Diffraction interaction of deuterons having semitransparent nuclei with diffuse edges [with summary in English] A H Sytenko, V K. Tartakovs'kyi Ukr. fiz zhur 6 no 1 12-19 Ja-F '61

DEUTERONS—SCATTERING

Deuteron scattering by nonaxial nuclei IU. A Berezhnoi Ukr fiz zhur 6 no 2.275-277 Mr-Ap '61.

DEVELOPMENT see Growth

DEXTRAN

Restoration of colloid-osmotic pressure, blood volume and serum proteins following hemorrhage and the administration of polyglucin [with summary in English]. V. B Kozlner Pat fiziol., eksp. terap. 5 no. 3:51-60 My-Je '61.

DIABASE

(see also subdivision under Bakal region; Dondyuzhskiy region)

Diabase and amphibolite stone casting. V. V. Vagin, B I. Pirogov Gor zhur. no 4:81-83 Ap '60.

DIABETES

Use of microcide (glucose oxidase) to determine glucose in normal and diabetic blood [with summary in English] I S Lukomskaia, V K. Gorodetskii Biokhimiia 26 no 3 477-482 My-Je '61

Use of sulfanilamide preparations in the compound treatment of diabetes mellitus at the Tsankavela Health Resort. L. K. Baikalov. Zdrav Turk. 5 no 1:21-24 Ja F '61.

DIAGNOSIS

Clinical analysis of results in laboratory bacteriological examinations ("Early differential diagnosis of infectious diseases" by K. V Bunin. Reviewed by V D. Smirnov). Zhur. mikrobiol. epid. i immun 32 no. 2:139-140 F '61.

"Early differential diagnosis of infectious diseases" by K V. Bunin. Reviewed by I Tanev. Zhur mikrobiol epid i immun. 32 no 3:145-146 Mr '61.

DIALECTICAL MATERIALISM

For those who have begun to study philosophy ("The basic principles of Marxist philosophy" by V. G. Afanas'ev. Reviewed by F. I. Dolgikh, N. I. Zorin, V. V. Talanov). Vop. filos. 15 no. 6:161-160 '61.

Lenin, V. I. [Complete collected works] Polnoe sobranie sochinenii. Izd. 5. Moskva, Gos. izd-vo polit. lit-ry. Vol. 18. [Materialism and empiriocriticism] Materializm i empiriokrititsizm. 1961. 525 p.

Russia (1923- U. S. S. R.) Upravlenie propodavaniia obshchestvennykh nauk. [Recommended subjects for text and term papers on dialectical and historical materialism] Primernaia tematika kontrol'nykh i kursovykh rabot po dialekticheskomu i istoricheskomu materializmu; dlia zaochnykh vysshikh uchebnykh zavedenii i zaochnykh otdelenii vuzov. Moskva, Gos. izd-vo polit. lit-ry, 1961. 63 p.

DIAMOND MINES AND MINING see subdivision under Yakutia

DIAMONDS see subdivision under Anabar Valley; Olenek Valley; Yakutia

DIAPAUSE

Factors governing seasonal cycles of development in the beet leaf miner Pegomyia hyosciami Panz. and the cabbage maggot Hylemyia brassicae Bouche (Diptera, Anthomyidae) [with summary in English]. Sh. M. Zabirov. Ent. oboz. 40 no. 2:275-281 '61.

DIATOMACEOUS EARTH

Activated diatomite as a rubber reinforcing agent [with summary in English]. F. D. Ovcharenko and others. Dop. AN URSR no. 4:504-507 '61.

DIATOMACEOUS EARTH (Continued)
Using diatomite for filtering water in oil production. V. G. Perevalov, V. A. Alekseeva. Neft. khoz. 39 no. 4. 52-55 Ap '61.

DIATOMS
(see also subdivision under Feodosiya region, Pacific Ocean)
Cause of the buoyancy of plankton diatoms [with summary in English]. K. V. Beklemishev, M. N. Petrikova, G. I. Semina. Trudy Inst. okean 51 33-36 '61.
Diatom growths on finback whales in Antarctica. M. V. Ivashin Trudy VNIRO 33:165-198 '58
Significance of the aggregation in colonies for plankton diatoms [with summary in English]. K. V. Beklemishev. Trudy Inst. okean 51:16-30 '61

DIATOMS, FOSSIL see subdivision under El'gygytgyn, Lake; Japan, Sea of, Pacific Ocean

DIAZO COMPOUNDS
Certain characteristics of amphoteric compounds. Report No. 1: Compounds with a single functional group. IA. E. Briuske, B. A. Porai-Koshits. Trudy LTI no. 60: 123-127 '60.
Certain characteristics of amphoteric compounds. Report No. 2: Acid-base properties of aromatic diazo compounds. IA. E. Briuske, B. A. Porai-Koshits. Trudy LTI no. 60:138-143 '60.
Determination of diazophenols by reduction with divalent vanadium salts. A. A. Nemodruk, V. F. Orushko. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 2:316-319 '60.
Structure and conversions of aromatic diazo compounds. Report No. 16: Structure of the so called "syn" and "anti" salts from p-sulfodiazobenzene. B. A. Porai-Koshits, Chin Kei-dai [Ch'in K'uei-tai]. Trudy LTI no. 60:92-102 '60.
Structure and conversions of aromatic diazo compounds. Report No. 17: Structure of the so called "syn" and "anti" salts of (p-sulfodiazobenzene). B. A. Porai-Koshits, Chin Kei-dai [Ch'in K'uei-tai]. Trudy LTI no. 60:103-110 '60.
Structure and conversions of aromatic diazo compounds. Report No. 18: Structure of so-called "syn" and "anti" salts from p-sulfodiazobenzene. B. A. Porai-Koshits, Chin Kei-dai [Ch'in K'uei-tai]. Trudy LTI no. 60 111-122 '60.
Structure and conversions of aromatic diazo compounds. Report No. 19: Acid-base equilibrium of certain diazo compounds. B. A. Porai-Koshits, IA. E. Briuske. Trudy LTI no. 60:149-158 '60.

DIAZONIUM COMPOUNDS
Haloarylation of unsaturated compounds with aromatic diazo compounds Part 13: Synthesis of some 1, 4-diarylbutadienes by the direct arylation of α-arylbutadienes with arylditazonium chlorides A. V. Dombrovskii, N. I. Ganushchak Zhur. ob. khim. 31 no. 6:1895-1901 Je '61.

DIAZONIUM COMPOUNDS—SPECTRA
Infrared absorption spectra of double diazonium salts of bismuth and antimony chlorides I. A. Knizhnyna, O. A. Reutov, Z. F. Buchkovskii Zhur. ob. khim. 31 no. 6:2065-2069 Je '61.

DICHLORO-DIPHENYL-TRICHLOROETHANE see DDT (INSECTICIDE)

DICHROMATES
Dichromate method for determining ethyl alcohol in mixtures containing aromatic solvents. E. I. Gambardella. Lakokras. mat. i ikh prim. no. 3:60-61 '61.

DICKENS, CHARLES, 1812-1870
Katarskii, I. M. [Dickens, an account of his life and works] Dikkens; kritiko-biograficheskii ocherk. Moskva, Gos. izd-vo khudozh. lit-ry, 1960. 270 p.

DICTATORSHIP OF THE PROLETARIAT
V. I. Lenin on the soviets as a constitutional form of the dictatorship on the proletariat. A. G. Lashin Vop. ist KPSS 5 no. 3:40-56 '61.

DICTION
Intelligibility of Czech speech in motion-picture theaters by means of the syllable method. B. Klimes. Akust. zhur. 5 no. 4:415-419 '59.

DIE CASTING
Mechanical base for die-casting machines, models 513 and "Pollak 2255 and 6065." B. N. Panfilov. Lit. proizv. no. 3:11-12 Mr '61.
Theory of die casting. A. I. Veinik. Lit. proizv. no. 3: 44-48 Mr '61.
Thermodynamics of a die-casting mold. A. I. Veinik. Sbor. nauch. trud. Fiz. -tekh. inst. AN BSSR no. 6:150-161 '60.
Trends in the manufacture of machines for pressure casting. V. M. Pliatskii. Vest. mash. 41 no. 6:46-50 Je '61.

DIE CASTING—EQUIPMENT AND SUPPLIES
Sidorov, V. I. [Die-casting machines] Mashiny dlia lit'ia pod davleniem. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 156 p.

DIELDRIN
Preparation and use of insecticidal lacquers and paints Report No. 2 Insecticidal paints containing dieldrin and aldrin D. F. IAzikov Zhur. mikrobiol. epidemiol. i immun. 32 no. 4:102-108 Ap '61
Toxicity of aldrin and dieldrin in the control of the migratory and the Italian locust. E. P. T'Sypkenkov, G. A. Popov, M. S. Strubinskii. Zashch. rast. ot vred. i bol. 5 no. 1:28-29 Ja '60.

DIELECTRIC CONSTANTS
Investigating the dependence of the dielectric constant and the tangent of the dielectric loss angle in polarized ferroelectrics on the field strength in the 50 cps - 100 kc range. A. A. El'gard. Fiz. tver. tela 3 no. 5:1515-1521 My '61.

DIELECTRIC LOSS
Investigating the dependence of the dielectric constant and the tangent of the angle of dielectric losses in ferroelectrics on the field strength in the range of 50 cps to 100 kc. A. M. El'gard. Fiz. tver. tela 3 no. 5:1485-1492 My '61.
Investigating the dependence of the dielectric constant and the tangent of the dielectric loss angle in polarized ferroelectrics on the field strength in the 50 cps - 100 kc range. A. A. El'gard. Fiz. tver. tela 3 no. 5:1515-1521 My '61.

DIELECTRICS
Final stage in the breakdown of solid dielectrics V. I. Obukhov Izv. vys. ucheb. zav., energ. 4 no. 5:21-24 My '61
Study of the impulse electric strength of transformer oil and discharge voltages on the surface of certain dielectrics in transformer oil N. I. Vorob'ev Izv. vys. ucheb. zav., energ. 4 no. 5:25-31 My '61.
Third conference of institutions of higher education on modern dielectric and semiconductor equipment IU. M. Volokobinskii. Izv. vys. ucheb. zav., prib. 4 no. 3:141-144 '61

DIELECTRICS—MAGNETIC PROPERTIES
Theory of high frequency magnetic susceptibility of ferrodielectrics at low temperatures [with summary in English] I. A. Akhiezer, V. G. Bar'iakhtar, S. V. Peletminskii Zhur. eksp. i teor. fiz. 40 no. 1:365-374 Ja '61

DIENCEPHALON—DISEASES
Adrenaline test under normal conditions and in certain forms of diencephalic pathology [with summary in French]. G. N. Kassil', A. D. Solov'eva. Zhur. nevr. i psikh. 61 no. 2:256-264 '61.

DIENOPHILES
Comparative dienophile reactivity in the vinyl sulfide-vinyl sulfoxide - vinyl sulfone series. E. N. Prilezhaeva, L. V. TSymbal, M. F. Shostakovskii. Dokl. AN SSSR 138 no. 5:1122-1125 Je '61.
Diene syntheses with divinyl sulfur-containing dienophiles. M. F. Shostakovskii and others. Zhur. ob. khim. 31 no. 6:2079-2080 Je '61

DIES (METALWORKING)
Calculating the width of die impressions for drop forging A. I. Rogov. Kuz.-shtam. proizv. 3 no. 6:17-21 Je '61
"Dies for sheet-metal work" by V. I. Kukhtarov, O. V. Kukhtarov. Reviewed by G. N. Rovinskii, V. D. Golovlev. Kuz.-shtam. proizv. 3 no. 3:45-46 Mr '61.
New type of blanking dies for forgings made on crankshaft forging presses. D. E. Shaposhnikov. Kuz.-shtam. proizv. 3 no. 3:36-38 Mr '61.
Romanov, A. P. [Organizing the maintenance of die-stamping equipment in sheet-metal working plants] Organizatsiia shtampovogo khoziaistva v tsekhakh kholodnoi shtampovki, stenogramma lektsii, prochitannoi v LDNTP na zaniatiiakh seminara po kholodnoi shtampovke. Leningrad, 1960. 31 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Serlin: Kholodnaia shtampovka)
Shape of the elastic zone of dies in single-channel, flat die stamping. I. L. Perlin, IU. P. Glebov. Izv. vys. ucheb. zav.; tsvet. met. 4 no. 2:131-133 '61.

DIES (METALWORKING)—TESTING
Use of a new steel for punching dies intended to increase their durability. V. I. Zaloesskii, F. P. Mikhalenko, V. V. Gubarev. Kuz.-shtam. proizv. 3 no. 3:9-16 Mr '61.

DIES (SCREWCUTTING) see Taps and dies

DIESEL ENGINES
(see also subdivision under Czechoslovakia)
Developing pneumatic regulators. I. P. Zubkotov, I. A. Michkin. Trakt. i sel'khozmash. 31 no. 6:8-11 Je '61.
Improving power and economic indices of the PD-10M starting engine. I. Tikhomirov. Trakt. i sel'khozmash. 31 no. 6:4-6 Je '61.
Rated nomogram for the combustion equation in diesel engines. IU. IA. Fomin. Izv. vys. ucheb. zav.; mashinostr. no. 4:133-136 '61
Reducing the wear of D-54 diesel engines due to starting. A. V. Srebianskii, N. K. Pushilin, V. S. Kasatkin. Trakt. i sel'khozmash. 31 no. 6:6-8 Je '61.
Single-plunger fuel pump for diesel tractor engines. V. E. Kiriuchkov. Trakt. i sel'khozmash. 31 no. 6:1-4 Je '61
Some questions of the dynamics of the drive of traction-hoisting mechanisms in an excavator Izv. vys. ucheb. zav., gor. zhur. no. 1:122-128 '61

DIESEL ENGINES—LUBRICATION
Determining what quality of lubrication oil is required by diesel tractor engines. S. G. Arabian. Trakt. i sel'khozmash. 31 no. 6:11-14 Je '61.

DIESEL ENGINES—OIL FILTERS
Position of the release valve in coarse oil filters. N. Pasechnikov, V. Mikhlin. Trakt. i sel'khozmash. no. 7:42 Jl '61.

DIESEL FUELS
Effect of sulfur compounds on the thermooxidative stability of diesel fuels I. A. Rubinshtein, E. P. Sobolev, Z. A. Kleimenova Khim. sera i nafotorg. soed. v neft i nefteprod. 3:169-174 '60
Length of oil life in tractor engines. K. O. Pavlov. Mekh. sil'. hosp. 12 no. 7:15-17 Jl '61

DIESEL LOCOMOTIVES
(see also subdivision under Kolomna)
Effect of ED-16-01 narrow-gauge diesel electric locomotive on provisional tracks S. A. Chuprikov. Izv. vys. ucheb. zav., les. zhur. 4 no. 2:63-72 '61
Nature of the wear and installation of crankshafts A. V. Khmelevskii Elek. i tepl. tiaga 5 no. 4:18-21, 3 of cover Ap '61
Shishkin, K. A., and others. [TE3 diesel locomotive] Teplovoz TE3. Izd. 2., perer. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 371 p.
The 64/01 18 voltage stabilizers A. I. Kurbatov. Elek. i tepl. tiaga 5 no. 4:34-37 Ap '61
Special features in the control of the diesel and adjustment of the electric network of a ChME2 diesel locomotive S. A. Vinogradov Elek. i tepl. tiaga 5 no. 3:35-37 Mr '61
Use of ultrasonics in the cleaning of oil sections. Chen Khua-din [Ch'eng Hua-ting] Elek. i tepl. tiaga 5 no. 3:16-17 Mr '61

DIESEL LOCOMOTIVES—COOLING
Improvement of the drive of the cooling system fan G. S. Shcherbachevich. Elek. i tepl. tiaga 5 no. 3:17 Mr '61
Increase of the operational reliability of the cooler. A. M. Polekha. Elek. i tepl. tiaga 5 no. 4:9 Ap '61.

DIESEL LOCOMOTIVES—EQUIPMENT AND SUPPLIES
Elimination of faults in adapters. A. G. Liubimov Elek. i tepl. tiaga 5 no. 4:10 Ap '61.
Saving of sand on locomotives. A. M. Kukharskii. Elek. i tepl. tiaga 5 no. 4:42 Ap '61

DIESEL LOCOMOTIVES—HEATING AND VENTILATION
Improvement of the heating system of ChME2 diesel locomotives. A. V. Sharoiko. Elek. i tepl. tiaga 5 no. 4:21 Ap '61

DIESEL LOCOMOTIVES—MAINTENANCE AND REPAIR
(see also subdivision under Lugansk)
Introduce new technical methods and equipment in diesel locomotive repair plants P. L. Shirokii Elek. i tepl. tiaga 5 no. 3:5-7 Mr '61
Reconstruction of the oil pressure line. N. I. Gordetskii Elek. i tepl. tiaga 5 no. 3:12 Mr '61.
Zhukov, A. V. [Faults in the electric machines of diesel locomotives and methods for correcting them] Neispravnosti teplovoznykh elektricheskikh mashin i ikh ustranenie. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 117 p. (Bibliotechka mashinista teplovoza)

DIESEL LOCOMOTIVES—TECHNOLOGICAL INNOVATIONS see subdivision under Kolomna

DIESEL LOCOMOTIVES—TESTING
Diesel locomotives should be equipped with panels and sockets for rheostatic tests. I. G. Beskrovnyi, B. I. Vil'kevich, G. A. Kraft. Elek. i tepl. tiaga 5 no. 4:42 Ap '61.
Rheostatic tests of diesel locomotives without preliminary heating of the generator winding V. I. Marin Elek. i tepl. tiaga 5 no. 3:12 Mr '61.

DIET
(see also subdivision under Tajikistan)
Effect of food enriched by methionine on the development of experimental silicosis in white rats [with summary in English]. A. IU. Grubina and others Vop. pit. 20 no. 3:41-46 My-Je '61.

DIET IN DISEASE
Role of nutrition in prophylaxis and therapy for patients with malignant tumors L. M. Levitskii. Vop. pit. 20 no. 3:5-12 My-Je '61.

DIETHYLAMINE
Mechanism of antiphage activity of antitumor preparations [with summary in English] T. N. Broker. Zhur. mikrobiol. epid. i immun. 31 no. 12:84-89 D '60.

DISLOCATIONS IN CRYSTALS (Continued)
Effect of unilateral directed deformation of a cubic crystal on quadrupole exciton absorption of light V.I.Cherepnov Fiz. tver. tela 3 no.5 1493-1500 My '61.
Exposure of dislocations in germanium by etching V.N. Vasilevskaia, E.G. Miseliuk Fiz. tver. tela 3 no.2 129-135 F '61
Investigating the dependence of the dielectric constant and the tangent of the angle of dielectric losses in ferroelectrics on the field strength in the range of 50 cps to 100 kc. A.M. Gilgard Fiz. tver. tela 3 no.5 1485-1492 My '61
Movement of dislocations in antimony crystals. L.M. Soifer, V.I. Startsev Dokl. AN SSSR 136 no.5 1084-1087 Je '61
DISLOCATIONS IN METALS
Determining the density of dislocations arising in the deformation of Armco-iron and magnesium [with summary in English] S.D. Herzriken, M.M. Novykov, M.IA. Ilorid'ko Ukr. fiz. zhur. 6 no.2 229-232 Mr-Ap '61
Microhardness and the density of dislocations in single-silicon crystals M.G. Milvidskii, L.V. Lainer Fiz. met. i metalloved. 11 no.6 923-926 Je '61
Professor A.H. Cottrell's lectures on the dislocation theory. Metalloved. i term. obr. met. no.3:62-64 Mr '61.
Some X-ray diffraction methods for studying plastic deformations in metals D.M. Vasil'ev, B.I. Smirnov. Usp. fiz. nauk 73 no.3 503-558 Mr '61.
DISMISSAL OF EMPLOYEES see Employees, Dismissal of
DISPENSARIES see subdivision under Brest
DISPERSION
Dispersion mechanisms in lithium ferrite L.A. Fomenko Fiz. tver. tela 3 no.2 328-330 F '61
Electrodynamics of media with spatial dispersion. A.A. Rukhadze, V.P. Silin Usp. fiz. nauk 74 no.2 223-267 Je '61
DISSERTATIONS, ACADEMIC—BIBLIOGRAPHY see Bibliography—Dissertations, Academic
DISSOCIATION
Apparatus for the spark dissociation of gases A.S. Moskalenko. Khim. v shkole 16 no.2 67-69 Mr-Ap '61
DISTANCES—MEASUREMENT
Eccentric device for determining ground distances of roads IU.F. Tutiunnik, E.E. Shenderovich Geod. i kart. no.6 56-66 Je '61
Rotation of the plane of polarization in the lower atmosphere F.F. Nedov Izv. vys. ucheb. zav., geod. i aerof. no.2 65-68 '61
DISTILLATION, FRACTIONAL
Calculation of heterazeotropic rectification processes. I.IA. Gorodetskii, V.M. Olevskii. Khim. prom. no.5: 350-354 My '61.
Calculation of unsteady rectification conditions by means of the "Ural" digital computer. V.M. Platonov, IA.D. Monko, B.G. Berge Khim. prom. no.6 424-428 Je '61
Concentration equation of a stage countercurrent interfacial exchange. B.G. Mel'nikov Khim. i tekh. topl. i masel 6 no.7-16-21 Jl '61
Design of columns for the rectification of binary mixtures in vacuo. V.R. Ruchinskii. Khim. prom. no.5: 344-347 My '61.
DISTRIBUTION (PROBABILITY THEORY)
Limit distribution for sums of conditionally independent random variables [with summary in English]. R.Z. Khas'minskii. Teor. veroiat. i ee prim. 6 no.1 119-125 '61.
Local theorems and moments for maxima of sums of latticed bounded components [with summary in English]. A.A. Borovkov. Teor. veroiat. i ee prim. 6 no.1 108-110 '61.
One probability problem [with summary in English]. V.M. Zolotarev. Teor. veroiat. i ee prim. 6 no.2 219-222 '61
DISULFIDE GROUP
Role of disulfide groups in the formation of gels during acid-alkaline denaturation of egg albumin [with summary in English] I.M. Bulankin and others. Ukr. biokhim. zhur. 33 no.3 307-314 '61
DIURETICS AND DIURESIS
Comparative evaluation of diuretic effects of novurit and mercuzal [with summary in English]. A.P. Shadrenko. Sov. med. 25 no.5 101-107 My '61
Diuretic action of hypothiazide in treating disturbances in blood circulation R.A. Kurbaseva Med. zhur. Uzb. no.5 61-65 My '61
DIVIDING ENGINE
Dividing device equipped with balls. A.IA. Bekirov, A.M. Zaitsev Stan. i instr. 32 no.7,36 Jl '61
Dividing head with a sine ruler A.B. Frenkel'. Priborostroenie no.7 25 Jl '61
DIVING, SUBMARINE
Deep sea divers. I. Kuznetsov, V. Maksimenko. Voen. znan. 37 no.7 19-20 Jl '61.
Discovery of the sixth continent; survey of literature on underwater swimming and exploration IU.P. Znamenskii Priroda 50 no.7 122 Jl '61
Feeling of solidarity. N. Averbukh. Sov. voin. 43 no.7: 19-20 Ap '61
Methods for training submarine swimmers. M. Zakharchuk, V. Titov. Voen. znan. 37 no.7 31 Jl '61
Organization and preparation for competitions. V. Matveev Voen. znan. 37 no.6 29 Je '61.
DNEPRODZERZHINSK—COKE INDUSTRY—BY-PRODUCTS
The first Ukrainian plant of communist labor. I. Bohodyst, F. Ivanchenko. Ekon. Rad. Ukr. no.3 59-63 My-Je '61
DNEPROPETROVSK—CONSTRUCTION INDUSTRY
A backward team becomes progressive. M.V. Pereskok Transp. stroi. 11 no.5 1 My '61
DNEPROPETROVSK—INDUSTRIAL EQUIPMENT—MAINTENANCE AND REPAIR
Improve the financing of capital repairs M. Slobodchikova, N. Usichko, N. Skalozubova. Den'i kred. 19 no.6:56-58 Je '61
DNEPROPETROVSK—IRON INDUSTRY
In the city of iron and steel. V. Matsepuro. Sov. voin. 43 no.12 19-20 Je '61
DNEPROPETROVSK—MINING ENGINEERING—STUDY AND TEACHING
Where there is life there is science P.G. Nesterenko Vest. vys. shkoly 19 no.6 80-85 Je '61
DNEPROPETROVSK—TIRES, RUBBER
Mechanization and automatic control of the system of reception, storage, and transportation of rubber mixture components at the Dnepropetrovsk Tire Factory. B.I. Andrashnikov. Kauch. i rez. 20 no.6,9-18 Je '61.
DNEPROPETROVSK PROVINCE—ALUMINUM INDUSTRY
Creating branch norms for the number of workers P. Tkachenko. Sots. trud 6 no.5 72-75 My '61
DNEPROPETROVSK PROVINCE—CITY PLANNING
Problems of urban construction in Dnepropetrovsk Province. A. Krykin. Strol. i arkhit. 9 no.4:16-17 Ap '61.
DNEPROPETROVSK PROVINCE—OTOLARYNGOLOGICAL SOCIETIES
Report on the work of the Dnepropetrovsk Province Otolaryngological Society for 1959. Zhur. ush., nos. i gorl. bol. 20 no.4:84-86 Jl-Ag '60.
DNEPROPETROVSK PROVINCE—STEEL INDUSTRY—COSTS
Akademiia nauk URSR, Kiev. Instytut ekonomiky. [Ways of increasing profits in metallurgical industries] Shliakhy pidvyshchennia rentabel'nosti metalurgiinykh pidprytemstv. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 93 p.
DNIEPER-DONETS LOWLAND—SULFIDES
Lead and iron sulfides in the Devonian of the southern wing of the Dnieper-Donets Lowland V.B. Chernitsyn, I.L. Sakhatskii Izv. vys. ucheb. zav., geol. i razv. 4 no.2:62-65 F '61.
DNIEPER-DONETS LOWLAND—TITANIUM ORES
Titanium potential of the Poltava sediments in the middle part of the Dnieper-Donets Lowland. I.S. Romanov. Geol. rud. mestorozh. no.4:80-87 My-Je '61
DNIEPER RIVER—BREAM
Conserve and increase the bream and pike perch stocks of the Dnieper River M.D. Levinson Ryb. khoz. 37 no.4:28-31 '61.
DNIEPER RIVER—PERCH
Conserve and increase the bream and pike perch stocks of the Dnieper River. M.D. Levinson Ryb. khoz. 37 no.4:28-31 '61
DNIEPER VALLEY—AFFORESTATION
Afforestation of Lower Dnieper sands. M.M. Dilushenko. Biul. nauch.-tekh. inform. Ukr. NIILKhA no.3/4 66 '57.
DNIEPER VALLEY—CONSTRUCTION INDUSTRY
Dnieper interdistrict construction industry base of the Ministry of Construction of Electric Power Stations S.F. Sukhotskii, A.Kh. Lagunov Gidr. stroi. 31 no.6 8-11 Je '61.
DNIESTER VALLEY—COPPER AGE
Relations of tribes of the Tripol'ye Culture with the steppe tribes of the Copper Age T.G. Movsha Sov. arkheol. 5 no.2 186-199 '61
DNIESTER VALLEY—POTTERY, PRIMITIVE
Relations of tribes of the Tripol'ye Culture with the steppe tribes of the Copper Age T.G. Movsha Sov. arkheol. 5 no.2 186-199 '61
DOCKS—COLD WEATHER OPERATION
Simultaneous docking of two ships in a floating dock in winter R.R. Vel'tsman, IU.A. Petrov Sudostroenie 27 no.6 55-56 Je '61
DODDER—DISEASES AND PESTS
Alternaria infection in dodder O.I. Rudakov Izv. AN Kir. SSR Ser. biol. nauk 2 no.7 51-55 '60.
Rudakov, O.L. [A fungus parasite of dodders, its cultivation and use] Gribnoi parazit poviliki, ego vyrashchivanie i primenenie. Frunze, Izd-vo AN Kirgizskoi SSR, 1961. 65 p.
DODECAPENTAENEDIOIC ACID
Synthesis and geometric configuration of diethyl esters of 2, 4, 6, 8, 10-dodecapentaene-1, 12-dioic and 2, 4, 6, 8, 10, 12, 14-hexadecaheptaene-1, 16-dioic acids. V.F. Kucherov and others. Dokl. AN SSSR 136 no.5: 1115-1117 Je '61.
DOG BREEDERS' SOCIETIES
(see also subdivision under Riga)
Service Dog Breeding Federation K. Nemtsov. Voen. znan. 37 no.7 36 Jl '61.
DOGS AS CARRIERS OF DISEASE
Dogs as a source of human leptospirosis [with summary in English] Z.Kh. Karimova, N.F. Rossomakhina Zhur. mikrobiol. epid. i immun. 32 no.5 76-80 My '61
DOLINSKOYE REGION—PETROLEUM GEOLOGY
Formation of oil pools in the Dolina field IU.N. Dolenko. Pratsi Inst. geol. kor. kop. AN URSR 1,80-86 '59
DOLOMITE
(see also subdivision under Russian Platform; Ural Mountains)
Car for the transportation of sintered dolomite V.Z. Lavrenov, V.IA. TSeklumeister, S.M. Livshits Metallurg 6 no.7:40 Jl '61.
DOLPHINS
Determining the stage of the sexual cycle in females of the common dolphin (Delphinus delphis L.) by the method of vaginal smears V.E. Sokolov Trudy sev. Ikht. kom. no.12 68-71 '61
DOMESTIC ANIMALS see subdivision under Ulan-Ude region
DOMESTIC RELATIONS
A light in the window L.G. Dergacheva Vest. Vozd. Fl no.3 81-84 '61.
Makarova, N.F. [Let's talk about ourselves and our life] Pogovorim o zhizni i o sebe; zapiski lektora. Moskva, Gos. izd-vo polit. lit-ry, 1961. 67 p. (Iz serii o kommunisticheskoi morali)
DOMESTICATION
"Origin and transformation of domestic animals" by S.N. Bogoliubskii. Reviewed by V.I. TSalkin. Biul. MOIP. Otd. biol. 66 no.3 158-160 My-Je '61.
DOMINICAN REPUBLIC—POLITICS AND GOVERNMENT
Trujillo regime without Trujillo. M. Artiushenkov Mezhdunar. zhizn' 8 no.7 148-149 Jl '61
DON RIVER—STURGEONS
Survival of young sturgeons of different weight groups. E.G. Boiko, E.A. Kalinkina. Ryb. khoz. 37 no.4:18-22 '61.

DON RIVER DELTA—TULAREMIA

Influence of southwestern winds on the appearance and spread of tularemia in the focus of the Don Delta [with summary in English] A A Lukianchenko, M E Badalov, E. K. Koimchidi Zhur. mikrobiol. epid. i immun 32 no 5 55-61 My '61

DON VALLEY—HISTORY

Social and political conditions in the Don Valley on the eve of the peasant war under the leadership of S T Razin I. V Stepanov Uch zap LGU no 270 31-59 '59.

DON VALLEY—VITICULTURE

Rational viticulture sizes in conditions of the Don Valley I Litoshenko Ekon sel'khoz. 32 no 2 59-61 F '61

DON VALLEY—WATER, UNDERGROUND

Makarenko, F. A. [Characteristics of subsurface flow in the basin of the Don River, regime, balance, hydrochemistry, and geological activity] Kharakteristika gruntovogo stoka basseina Dona; rezhim, balans, gidrokhimiia i geologicheskaia deiatel'nost'. Moskva, Izd-vo Akad. nauk SSSR, 1961. 73. (Akademiia nauk SSSR. Laboratoriia gidrogeologicheskikh problem. Trudy, vol. 34)

DONETS BASIN—AFFORESTATION

Establishing forests on eroded soils of the Donets Basin. M. D. Kolbezskii. Biul. nauch.-tekh. inform. Ukr. NIILKhA no. 2:11-16 '57.

DONETS BASIN—APARTMENT HOUSES

Large-panel housing construction in the Donets Basin. B Priezzhev Zhil. stroi no 5:23-25 My '61.

DONETS BASIN—COAL MINERS

Zharikov, L. M. [Sing a song of miners; sketches] Pesnia o shakhterakh, ocherki. Moskva, Biblioteka "Ogonek," 1961. 44 p. (Biblioteka "Ogonek," no. 25)

DONETS BASIN—COAL MINES AND MINING

Kukin, B. K. [Analyzing the methods of mining flat seams in the Donets Basin] Analiz sistem razrabotki pologikh plastov Donbassa. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 415 p.

DONETS BASIN—HYDRAULIC MINING

D-2 hydraulic mine at Krasnoarmeysk begins operation P. G. Sidorchenko. Shakht. stroi 5 no. 5 29-30 My '61

DONETS BASIN—LIGHTWEIGHT CONCRETE

Heat conduction in single-ply wall panels. B. Danilov, R. Boroditskaia, V. Terekhov. Stroi. i arkhit. 9 no. 4: 21-22 Ap '61.

DONETS BASIN—LOESS

Loess-type rocks of the Donets Basin [with summary in English]. M. P. Lysenko. Vest. LGU 16 no. 12, 84-94 '61.

DONETS BASIN—MINERAL WOOL

Zubarov, P. D. [Making slag wool of primary slag melts, experience of plants in the Donets Basin] Proizvodstvo shlakovoi vaty iz pervichnykh shlakovykh rasplavov; iz opyta raboty zavodov v Donbasse. Pod red. K. E. Gorlainova. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 87 p.

DONETS BASIN—PHARMACY

Development of pharmacy in the Donets Basin from 1919 to 1960. I. O Minlovych Farmatsev zhur. 16 no. 3: 56-61 '61.

DONETS BASIN—PUBLIC HEALTH

Public health system in the Donets Basin during the period of the formation of the Soviet government in the Ukraine (1917-1920). G. I. Rozet. Sov. zdrav. 19 no. 3 61-66 '60.

DONETS BASIN—RESERVOIRS

Results of hydrological and hydrochemical research in reservoirs of the Donets Basin. V. A. Baranov, F. F. Zibold, L. N. Popov Gidrokhim. mat. 32:122-127 '61.

DONETS BASIN—SEDIMENTS (GEOLOGY)

Some regular features of the sedimentation of series C^4_2 of the middle Carboniferous in the northeastern portion of the greater Donets Basin. D. P. Filippov. Izv. vys. ucheb. zav., geol. i razv. 2 no. 12:47-54 '59.

DONETS BASIN—SHORING AND UNDERPINNING

Jacking up the foundations of buildings. G. Grigor'ev. Stroi. i arkhit. 9 no. 5:21 My '61.

DONETS BASIN-NORTHERN DONETS CANAL see Northern Donets-Donets Basin Canal

DONETS RIDGE—GEOLOGY, STRUCTURAL

Tectonics of the southwestern rim of the Donets Ridge adjacent to the Azov crystalline massif [with summary in English]. A. M. Dobrianskyi. Dop. AN URSR no. 6: 796-800 '61.

DONETS VALLEY—BRONZE AGE

On the so-called pit burials of the catacomb type. L. S Klein. Sov. arkheol. 5 no. 2:49-65 '61

DONETS VALLEY—BURIAL

On the so-called pit burials of the catacomb type L. S Klein Sov. arkheol 5 no. 2 49-65 '61

DONETSK—AESTHETICS—STUDY AND TEACHING

Let's awaken a sense of beauty in youth I. L Nikol'skii Vest. vys. shkoly 19 no. 6 54-57 Je '61

DOROGOBUZH—LABOR AND LABORING CLASSES—DWELLINGS

Dorogobuzh tractmen are building homes M G Petrozhitskii Put' i put khoz 5 no 5:25 My '61

DOSTOEVSKII, FEDOR MIKHAILOVICH, 1821-1881

The influence of A. S. Pushkin's tale "The stationmaster" on F M Dostoevskii's novel "Poor folk." I. V. Ivan'o. Dosl. z lit. ta mov. no. 1 49-60 '60.

DOUBLE REFRACTION see Refraction, Double

DRACHENKO, IVAN GRIGOR'EVICH

Winner of three medals of honor P. Rizhilov Kryl. rod 12 no 2 6-7 F '61

DRAFT HORSES

Underestimating the importance of horse breeding in the development of Soviet agriculture and the present state of breeding work with the Kabardian horse A S Krasnikov Dokl. TSKhA no 61 145-153 '61

DRAG (AERODYNAMICS)

Lifting volume of the minimum drag in supersonic gas flow. V G. Bukovshin. Inzh. sbor. 31 217-225 '61.

DRAGONFLIES

Technique of determining the size-weight characteristics of invertebrate organisms serving as food of fishes. Repret No 5: Length-weight (live, raw, dry)-size relationships of labia in larvae of some dragonfly species. E. V. Borutskii, I. I Girsa Vop ikht 1 no 2, 354-362 '61

DRAINAGE

(see also subdivision under Archangel Province; Karelia; Russia, Northwestern, Soviet Central Asia, Ukraine)

Bogdanov, G. T. [Reference book for determining the cost of drainage work] Spravochnoe posobie dlia opredeleniia stoimosti rabot po osushcheniiu. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 149 p.

Drainage modulus in reclaimed swamps and waterlogged mineral soils K. IA Kozhanov Gidr. i mel. 13 no. 6:28-38 Je '61.

Effect of drainage canals of catchment areas on the hydrological conditions of rivers V I Marčenas, A. V. Jozapaitis. Gidr. i mel. 13 no. 6:39-41 Je '61

Water flow toward horizontal drainage pipes in a finite two-bedded seam. Liu Tzŭ-ch'un. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 3 183-195 My-Je '61.

Zhelnorovich, A. M., and A. F. Danilovich. [Agricultural utilization of drained areas] Sel'skokhoziaistvennoe osvoenie osushennykh zemel'. Moskva, Izd-vo "Znanie," 1961, 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 5, Sel'skoe khoziaistvo, no. 12)

DRAWING—DICTIONARIES

Karaev, Mukash. [Kirghiz terminological dictionary on drawing and mechanical drawing] Kirgizskii terminologicheskii slovar' po risovaniiu i cherchen'iu. Frunze, Izd-vo AN Kirgizskoi SSR, 1961. 87 p.

DRAWING (METALWORK)

Determining the coefficient of external friction during drawing titanium. V. P. Severdenko, V. Z. Zhilkin. Sbor. nauch. trud. Fiz.-tekh. inst. AN BSSR no. 8, 66-73 '60.

DREDGING MACHINERY

(see also subdivision under Caspian Sea)

New design of the bearings of the lower dredger drum. F. Edemskii. Mor. flot 21 no. 3:25-26 Mr '61.

Seminar of marine transportation workers. Mor. flot 21 no. 3:34 Mr '61.

Shukundin, B. M. [Suction dredges] Zemlesosy i zemlesosnye snariady. Moskva, Gos. energ. izd-vo, 1961. 335 p.

Wear-resistant hard facing of dredger parts by cast iron. I. N. Evteev, A. F. Morozov. Svar. proizv. no. 6:38-39 Je '61.

DRILL (AGRICULTURAL IMPLEMENT)

Even distribution of seeds at the increased operating speed of drills. N. F. Gavrilov. Mekh. i elek. sots. sel'khoz. 19 no. 3 33-34 '61.

Mounted grain drill with anchor furrow openers. S. Vinnitskii, L. Filipp'ev. Trakt. i sel'khozmash. 31 no. 7: 30-31 Jl '61.

DRILLING AND BORING MACHINERY

Automatic switchgear of drilling machines. P. Vagin, A. Sidel'nikov. Tekh. v sel'khoz. 21 no. 6:76 Je '61.

Boring bar for boring minor holes. V. N. Serebrennikov. Stan. i instr. 32 no. 6:42 Je '61.

Deep drilling of automobile valves made of heat resistant steel I N Vovk, V. V Murzin Avt. prom 27 no. 6 40-41 Je '61

Tubular drill for glass and ceramics A T. Karpov Priborostroenie no 6 30 Je '61

DRILLING AND BORING MACHINERY—NUMERICAL CONTROL

The 262P21 numerically controlled horizontal boring machine M I Antonovskii Biul. tekh.-ekon. inform no 6 32-35 '61

DRILLING AND BORING MACHINERY—PNEUMATIC DRIVING

Leningradskii dom nauchno-tekhnicheskoi propagandy. [Portable drilling machine with a pneumatic drive and electromagnetic base] Perenosnyi sverlil'nyi stanok s pnevmaticheskim dvigatelem i elektromagnitnym osnovaniem. Leningrad, 1954. 10 p. (Informatsionno-tekhnicheskii listok, no. 17(599))

DRILLING FLUIDS—ANALYSIS

Sokolov, V. A., and Iu. M. Iurovskii. [Theory and practice of mud logging] Teoriia i praktika gazovogo karotazha. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 337 p.

DRINKING VESSELS

Flexible drinking water containers for the deck. B. Druz', V. Magula, M. Novoselov. Mor. flot 21 no. 1:30 Ja '61.

DRUGS

(see also subdivision under Odessa)

For sale. Med. zhur. Uzb no 5 86-87 My '61

Medicinal preparations Zdrav. Bel 7 no 5 75 My '61

New achievements in the field of drug manufacturing. H A. Vaisman. Farmatsev zhur. 16 no. 3 39-42 '61

New drugs M. H. Ilina Farmatsev zhur. 16 no 3: 61-68 '61.

DRUGS—DOSAGE

Application of $CaSO_4$ (Sm) phosphor in dosimetry. A. R Krasnaia and others Atom. energ 10 no. 6, 630-631 Je '61

DRUGSTORES see subdivision under Berdichev; Minsk, Novyye Senzhary

DRUGSTORES—ACCOUNTING

Realized and unrealized charges. H. I. Horfinkel' Farmatsev. zhur. 16 no 3 70-73 '61

DRUZHININ, ALEKSANDR MIKHAILOVICH, 1897-1960

In memory of Aleksandr Mikhailovich Druzhinin; obituary. Zhur. nevr. i psikh. 61 no. 2:316 '61.

DUBIAGO, ALEKSANDR DMITRIEVICH, 1903-1959

Aleksandr Dmitrievich Dubiago, obituary I. Anan'eva Biul. Kom. po komet i meteor AN SSSR no 5 57-61 '61

DUBININ, MIKHAIL MIKHAILOVICH, 1901-

Honoring Academician M M Dubinin. Vest AN SSSR 31 no 5 104 My '61

DUBINSKII, IL'IA VLADIMIROVICH

A song of the Red Cossacks ("Zolotaya Lipa" by Il'ia Dubinskii Reviewed by IAkov Gorodskoi). Sov. Ukr. 10 no. 2 181-183 F '60

DUBNA VALLEY—LANDFORMS

The Dubna-Yakhroma lowland; landforms features. A. M Abaturov. Vop. geog. no. 51, 132-147 '61

DUBOSSARY—TECHNICAL EDUCATION

In the Dubossary School of Farm Mechanization. A. Svalov. Sel'. mekh. no 6 43-44 '61.

DUBOVNIKOV, EGOR EVSEEVICH

The fate of Egorka, the partisan. I. Fomin. Sov. voin 43 no. 7:30 Ap '61.

DUCKS

(see also subdivision under Black Sea; Kanevskaya District)

Seasonal distribution and migration of the European teal. V. F. Riabov. Ornitologiia no 3 384-395 '60.

DUMP TRUCKS

Area of use of transportation by means of dumping and self-dumping trucks. V. A. Zhestkov. Gor. zhur. no. 6:17-18 Je '61.

DUMP TRUCKS—EQUIPMENT AND SUPPLIES

Auxiliary cable fastening of the body of an automatic dump truck. Transp. stroi. 11 no. 5:52 My '61.

DURA MATER—SURGERY

Plastic repair of closed defects of the dura mater with a polyvinyl plate. V I. Salalykin. Vop. neirokhir. 25 no. 2:50-53 Mr-Ap '61

DUST—REMOVAL

Checking the dustiness of air before adjusting dust controling installations in grain milling enterprises V. Korotkov, IA. Benin Muk -elev. prom 27 no 6 25 Je '61

Dust removal from grain intake equipment when unloading railroad cars S Chesnokov, R Kharinin Muk -elev prom 27 no 6 9-10 Je '61

DUST COLLECTORS

Removing dust from the exhaust gases of an asphalt concrete factory. N E. Novik Avt dor 24 no 5 22 My '61.

DUST STORMS see subdivision under Ukraine

DVINA DELTA, NORTHERN see Northern Dvina Delta

DVORETSKAIA, NATAL'IA ALEKSANDROVNA

Natal'ia Aleksandrovna Dvoretskaia Izv vys uchebn. zav., geod. i aerof no 2,155 '61

DWELLINGS—HEATING AND VENTILATION

Intercollege scientific conference on the heating of residential and public buildings Vod i san tekh no. 6 41 Je '61.

DWELLINGS—MAINTENANCE AND REPAIR

Isarov, G. Z. [Repair it yourself] Remontiruite sami. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1960. 66 p.

DYES AND DYEING

Thioindigoid dyes. Part 7. Thioindigoid dyes with methylsulfonyl groups. N S. Nokunikhin, IU E. Gerasimenko. Zhur. ob. khim 31 no. 6 1927-1931 Je '61

Use of an automated filter press for the separation of dye suspensions. M I. Gol'dfarb, T. A. Malinovskaia Khim. prom no. 5:420-424 Je '61

DYES AND DYEING—COTTON

Study of the substantive properties of vat sols. Report No. 1: Dyeing of cotton with indigosol O4B and indigosol Grey C. A. V. El'tsov, V. G. Abozin. Trudy LTI no. 60: 159-166 '60.

Study of the substantive properties of vat sols. Report No. 2: Equilibrium sorption by cotton of some indigosols, of anthrasol Yellow V, and of the vat sol Gold-Yellow ZhKh. A. V. El'tsov, V. G. Abozin. Trudy LTI no. 60: 167-172 '60.

Study of the substantive properties of vat sols. Report No. 3: Equilibrium dyeing of cotton with N-methyl derivatives of the indigosols O4B and Grey C. A. V. El'tsov, V. G. Abozin. Trudy LTI no. 60.183-189 '60.

DYES AND DYEING—KNIT GOODS

New methods of dyeing knit goods. Prom. Arm. 1 no. 4 66 Ap '61.

DYNAMICS

Basic problems in modern machine dynamics. I. I. Artobolevskii. Trudy Inst mash. Sem. po teor mash. 21 no. 83-84 5-26 '61.

DYNAMOMETER

Check calculation of N. G. Tokar's flexible dynamometers. A. L. Shneiderman. Priborostroenie no 6:8-9 Je '61

Drilling dynamometer G. V. Zaikin. Stan. i instr. 32 no. 7:32-33 Jl '61

DYNAMOS see Electric generators

DYSENTERY

(see also subdivision under Blagoveshchensk; Ulan-Bator)

Allergy skin test and its importance in diagnosing dysentery in children, author's abstract. T V. Burova Zhur. mikrobiol. epid. i immun 32 no. 2:117 F '61.

Anthelminthic treatment of ascariasis with piperazine phosphate in Botkin's disease, typhoparatyphoid diseases, and dysentery [with summary in English]. IU. A. Shamov. Sov. med. 25 no. 5:69-73 My '61.

Appendicitis as a mask for typhoid fever and dysentery. B. IA. Padalka, G. G. Kazatskaia. Vrach. delo no. 4: 106-109 Ap '61.

Bacteriological diagnosis of dysentery. B. A. Chukhlovin, M. G. Kudriavtsev. Zhur. mikrobiol. epid i immun. 32 no. 2:127-129 F '61.

Certain clinical characteristics of acute dysentery in old age [with summary in English]. G. E. Latsinik Zhur. mikrobiol. epid. i immun. 32 no 2:11-15 F '61.

Clinical immunological indices during biomycin, pentoxyl, and vaccine therapy for patients with acute dysentery [with summary in English]. S. T Nadzhimitdinov Zhur. mikrobiol. epid. i immun. 32 no. 2:21-25 F '61.

Excretion of phages from patients with chronic dysentery, author's abstract. M. A. Toporkova Zhur. mikrobiol. epid i immun. 32 no 2:118 F '61.

Experimental reproduction of dysenterial infection. L. S. Babinova and others. Vest. AMN SSSR 15 no. 2: 34-46 '60.

Relation of the haptene reaction to the nature of intestinal microflora in dysentery [with summary in English]. Kh. P. Gamleshko. Zhur. mikrobiol. epid. i immun. 32 no. 2:27-31 F '61.

Result of the use of luminescent sera in the diagnosis of dysentery and colienteritis [with summary in English] E A Kabanova and others Zhur mikrobiol epid i immun. 31 no. 11 30-35 N '60

Role of disinfection in lowering the incidence of dysentery and other acute intestinal infections [with summary in English] V D. Petrakov Zhur mikrobiol epid i immun 32 no 2 32-36 F '61

Serological diagnosis of acute dysentery by means of a fluorescent antibody method [with summary in English]. P. M. Grahovskii Zhur mikrobiol epid i immun 32 no 2:3-6 F '61

Some data on the observation of convalescent patients after acute dysentery P S Razin, A. IA. Filimonova Zhur. mikrobiol epid i immun 32 no. 2:121-122 F '61

Treatment of the ulcerous stage of chronic dysentery with cortisone combined with blood transfusion. D. M. Khushimov, T. M. Dyskina. Zdrav. Tadzh. 8 no. 3 16-18 My-Je '61.

Use of phage titer increase methods in the qualitative control of disinfection in foci of intestinal infections (typhoid fever, dysentery) [with summary in English] O. A Kozelkvo. Zhur. mikrobiol epid. i immun 32 no 2:36-39 F '61

Water factors in the epidemiology by dysentery; author's abstract E S Tyrkova. Zhur. mikrobiol epid i immun. 31 no 11:148 N '60.

DYSPEPSIA

Biochemical characteristics of blood serum during dyspepsia in newborn calves. V. K. Chernukha Vinsyk sil'hosp. nauky 4 no. 5 120-121 My '61.

Sensitivity to antibiotics of strains of E. coli isolated from children with dyspepsia B. M Zel'manovich, O. P. Zaitseva, N. I. Sineeva. Antibiotiki 5 no 3:120 My-Je '60.

DYSPNEA

Influence of adrenaline on dyspnea in patients with heart diseases. P. T. Andrenko. Vrach. delo no. 4:11-16 Ap '61.

DYSPROSIUM—MAGNETIC PROPERTIES

Magnetoelastic properties of dysprosium. R Z Levitin, S A Nikitin Fiz. met i metalloved 11 no 6:948 Je '61

DZAUDZHIKAU—ZINC—ELECTROMETALLURGY

They said "no" in the economic council. S. Bersenev. Izobr. i rats. no. 6:31-32 Je '61.

DZERZHINSK—ELECTRIC POWER PLANTS

Assembling the main building of a thermal electric station of precast reinforced concrete. IA. Volovnik, K. Khanitonov. Stroitel' no. 5:3-5 My '61.

DZHALAL-ABAD PROVINCE—GOITER

Pathomorphology of endemic goiter in Dzhalal-Abad Province. S Kh. Khamitov, V. S. Kononov Izv. AN Kir. SSR Ser. biol. nauk 2 no. 6:57-62 '60

DZHALAL-KUDUK DISTRICT—PUBLIC HEALTH, RURAL

Rural medical center. I. A. Alimov. Med. zhur. Uzb. no. 1:75-77 Ja '61.

DZHERMUK—MINERAL WATERS

Dzhermuk. I. E. Varin. Zdorov'e 7 no. 7:30 Jl '61

DZHEYRAN-BATAN, LAKE—FISHES

Fishes of Dzheyran-Batan Reservoir [in Azerbaijani with summary in Russian]. G. S. Abbasov, Z. M. Kuliev, A. E. Agaiarova. Izv. AN Azerb. SSR. Ser. biol. i med nauk no. 1 63-65 '61.

DZHEZKAZGAN—COPPER—ELECTROMETALLURGY

Some physicochemical properties of charges for and the products of the electric smelting of Dzhezkazgan copper concentrates. V G. Shchurovskii and others. Izv. AN Kazakh. SSR. Ser. met., obog. i ogneup. no. 1:8-13 '61.

DZHEZKAZGAN—ECONOMIC CONDITIONS

Problems in the development of the productive forces of the Dzhezkazgan industrial region. Vest AN Kazakh. SSR 17 no 5 99-103 My '61

DZHEZKAZGAN—ORE DEPOSITS

Relation between the amount of organic carbon and copper, lead, and zinc in Dzhezkazgan ores G. V. Zhilinskii, S. Sh. Seifullin. Vest. AN Kazakh. SSR 17 no. 6 54-56 Je '61.

DZHEZKAZGAN—ORE DRESSING

Results of using the Mostovich's Method in the Dzhezkazgan Combine. A. Vikhirev. Nar. khoz. Kazakh. 19 no. 6:56-58 Je '61.

DZHEZKAZGAN—SULFIDES—METALLURGY

Efficient ways of processing Dzhezkazgan sulfide ores. A. L. TSeft. Trudy Inst. met. i obogashch. AN Kazakh. SSR 3:32-50 '60.

DZHEZKAZGAN DISTRICT—NANTOKITE

Nantokite from the zone of oxidation of the Dzhezkazgan deposit. Z. A. Kozlovskaia. Izv. AN Kazakh SSR. Ser geol. no. 1 45-50 '61

DZHEZKAZGAN REGION—MINING ENGINEERING

Parameters of the chamber and pillar system in Dzhezkazgan deposit mines. A. Ch. Musin, M. T. Bakaev. Trudy Inst. gor. dela AN Kazakh. SSR 7 49-60 '60.

Some problems in the transfer of the Dzhezkazgan mines to a new mining procedure. A. I. Blurin, S. TSet. Trudy Inst. gor. dela AN Kazakh. SSR 7:67-75 '60.

DZHEZKAZGAN REGION—ORE HANDLING

Excavator loading at the Dzhezkazgan mines. S. S. Muzgin. Trudy Inst. gor. dela AN Kazakh. SSR 7:110-121 '60.

EAGLES see subdivision under Igim region; Kzyl-Orda Province

EAR

Method in Gelle's test with quantitative indexes [with summary in English]. A A Gnutenko Zhur. ush., nos i gorl bol 21 no 1:58-61 Ja-F '61

Technic and significance of Gelle's test [with summary in English] V A Bystrenin, M P Mezrin Zhur ush., nos, i gorl bol. 21 no 1 56-58 Ja-F '61

EAR—CANCER

More about the problem of primary carcinoma of the middle ear [with summary in English]. G. I. Chizh. Zhur. ush., nos. i gorl. bol. 20 no. 5.14-18 S-O '60.

EAR—DISEASES

Acute suppurative middle otitis following tympanoplasty. M IU Orlinskii Zhur. ush., nos i gorl bol. 21 no. 1 72-73 Ja-F '61.

Case of the masking action of penicillin. T. A. Vainshtein Zhur. ush., nos i gorl bol 21 no 1:71-72 Ja-F '61

Condition of the upper respiratory tracts and of the auditory organ in workers subjected to the action of antimony trioxide dust [with summary in English]. A. V. Luzina. Zhur. ush., nos. i gorl. bol. 20 no. 4: 44-46 Jl-Ag '60.

Effective antibiotic therapy for otitis in children. V. IA. Leshchinskaia. Zhur. ush., nos. i gorl. bol. 20 no. 5: 71-72 S-O '60.

Itching ears. K. I. Beshmakov. Zdorov'e 7 no. 7:31 Jl '61.

Otogenous intracranial complications as revealed by materials from the Otolaryngological Department of the Volhyn' Province Hospital [with summary in English]. G. V. Shcherbina. Zhur. ush., nos. i gorl. bol. 21 no. 2:28-31 Mr-Ap '61.

Otogenous sinus thrombosis as revealed by clinical data [with summary in English]. G. M Starikov Zhur ush., nos. i gorl. bol 21 no. 1:41-45 Ja-F '61

Sensitivity of microflora to antibiotics in patients with suppurative otitis media and otogenic intracranial complications [with summary in English]. N. V. Zhorovskaia. Zhur. ush., nos. i gorl. bol. 20 no. 5:57-60 S-O '60.

Treatment of acute suppurative otitis media complicated by mastoiditis with subperiosteal injections of novocaine-penicillin [with summary in English]. E. M. Cherepanova. Zhur. ush., nos. i gorl. bol. 20 no. 5: 11-14 S-O '60.

Tumors of the jugular paraganglion. A. I. Gnatyshak. Zhur. ush., nos. i gorl. bol. 21 no. 3:54-56 My-Je '61.

EAR—SURGERY

Case of otogenous suppurative ventriculitis with recovery. E. F. Kovalenko Zhur. ush., nos. i gorl bol 21 no 1: 75-77 Ja-F '61.

Complications in tympanoplasty in the postoperative period [with summary in English]. I. A Bukhman Zhur. ush., nos. i gorl. bol. 21 no 1:19-25 Ja-F '61

Conservative tympanoplasty [with summary in English]. A. R. Khanamirov. Zhur. ush., nos i gorl bol 21 no 1: 15-19 Ja-F '61.

Implantation of a capron net in a cavity following radical ear surgery [with summary in English] N. G. Averbakh. Zhur. ush., nos. i gorl. bol 21 no 1.45-48 Ja-F '61.

Late results of tympanoplasty as revealed by data of speech audiometry [with summary in English]. K. P Markova. Zhur. ush., nos. i gorl bol 21 no. 1:25-29 Ja-F '61.

Mobilization of the stapes by the surgical and vibrational method [with summary in English] N A Preobrazhenskii, A. P. Svetlaev. Zhur. ush., nos. i gorl bol 21 no. 1:48-55 Ja-F '61.

Pathohistological characteristics of inflammatory and regenerative processes following radical surgery with biological tamponade on the ear of animals [with summary in English]. M. I. Ovsiannikov. Zhur. ush., nos. i gorl. bol. 21 no. 2:24-27 Mr-Ap '61.

Tympanoplasty. D. M. Rutenburg. Zhur. ush., nos. i gorl bol. 21 no. 1:3-14 Ja-F '61.

EAR—SURGERY—BIBLIOGRAPHY see Bibliography—Ear—Surgery

EAR—TUMORS

Cavernous angioma of the middle ear. N. V. Mishen'kil. Zhur. ush., nos. i gorl. bol. 21 no. 3:57-58 My-Je '61.

Osteoma of the mastoid region. G. M. Sapozhnikova. Zhur. ush., nos. i gorl. bol. 21 no. 3:56-57 My-Je '61.

EAR—WOUNDS AND INJURIES
Grave perichondritis of the concha auriculae following a bee sting. M. D. Kazhlaev, M. R. Rasulova. Zhur. ush., nos. i gorl. bol. 21 no. 2:72-74 Mr-Ap '61.

EARTH—ROTATION
"Dynamics of the earth's rotation axis and the levels of oceans" by G. D. Khizanashvili. Reviewed by E. P. Fedorov. Astron. zhur. 38 no. 3:560-570 My-Je '61.
Possible mechanism of the retardation of the earth's rotation [with summary in English]. O. L. Vaisberg. Astron. zhur. 38 no. 3:545-549 My-Je '61.

EARTH—SURFACE
Earth's mantle and lithosphere [with summary in English]. V. A. Magnitskii. Sov. geol. 4 no. 5:3-15 My '61.
Objectives of geomorphology in connection with measuring crustal movements. A. S. Devdariani. Vop. geog. no. 52:151-164 '61.

EARTH MOVEMENTS
(see also subdivision under Azerbaijan)
Comment on M. I. Muzal'kov's article "Surface movement during the working of steep veins." Reviewed by A. P. Rylov. Gor. zhur. no. 5:78 My '61.
Paleomagnetism, paleoclimate and the problem of extensive horizontal crustal movements [with summary in English]. P. N. Kropotkin. Sov. geol. 4 no. 5:16-38 My '61.
Role of meridional undulations in the structure of the Caucasus, Ciscaucasia, and the trans-Caspian region. I. O. Brod. Uch. zap. AGU. Geol.-geog. ser., no. 2:31-35 '59.

EARTH PRESSURE
Investigating ground pressure on lock chamber walls. A. Il'in. Rech. transp. 20 no. 6:24-27 Je '61.

EARTH SATELLITES see Artificial satellites

EARTH TEMPERATURE see subdivision under Siazan' region

EARTHMOVING MACHINERY
From spade to earthmoving machinery. A. Belokon'. Voen. znan. 37 no. 6:22-23 Je '61.
Rudin, P. S., and V. A. Maschev. [Mechanization of straightening operations] Mekhanizatsiia vypravitel'nykh rabot. Moskva, Izd-vo "Rechnoi transport," 1961. 131 p.
Using operating cranes for moving soil in earthwork operations. S. A. Tiagunov. Prom. stroi. 39 no. 4:52-54 '61.

EARTHQUAKES AND BUILDING
(see also subdivision under Armenia)
Earthquake-proof apartment houses built of thin-walled panels. V. Rasskazovskii, A. Grossman. Arkhit. SSSR no. 3:12-16 '61.

EARTHQUAKES AND HYDRAULIC STRUCTURES
Dynamic pressure of fluid on a dam during an earthquake. Chen' Chzhen'-chen [Ch'ên Chên-ch'êng]. Prikl. mat. i mekh. 25 no. 1:150-154 Ja-F '61.

EARTHWORK
Designing reinforced concrete facing slabs of earth structures for wave impact. V. F. Kanarskii. Gidr. stroi. 31 no. 5:37-41 My '61.
Using differential vibrators with twisting vibrations for working frozen soils and hard rocks. S. A. Pankratov. Stroi. i dor. mash. 6 no. 5:13-16 My '61.

EARTHWORK—COLD WEATHER CONDITIONS
Lofliskii, V. N. [Winter earthwork in building structures to provide hydroelectric power] Zimnie zemlianye raboty v gidroenergeticheskom stroitel'stve. Moskva, Gos. energ. izd-vo, 1961. 171 p.

EARTHWORK—TABLES, CALCULATIONS, ETC.
Accuracy of calculating the volume of grading work by the method of square prisms. Iu. G. Batrakov. Izv. vys. ucheb. zav.; geod. i aerof. no. 1:51-57 '61.
Changes in the technical scheme for tracing linear structures and computation of earthwork quantities. S. M. Kuznetsov. Geod. i kart. no. 5:42-51 My '61.
Undulating grading curve of a longitudinal profile of great length. A. F. Burtsev. Izv. vys. ucheb. zav., geod. i aerof. no. 2:13-16 '61.

EARTHWORK—TECHNOLOGICAL INNOVATIONS
Sorokin, P. I. [Over-all mechanization of earthwork operations in construction] Kompleksnaia mekhanizatsiia zemlianykh rabot v stroitel'stve. Frunze, Kirgizskoe gos. izd-vo, 1960. 58 p.

EAST (FAR EAST) see Far East

EAST (SOVIET FAR EAST) see Soviet Far East

EAST GERMANY see Germany, East

EAST GREENLAND CURRENT
Formation of the East Iceland Current. B. A. Arogov. Trudy Okean. kom. 10 no. 1:96-99 '60.

EAST KAZAKHSTAN PROVINCE—COLLECTIVE FARMS
We respond with work. B. Kitapbaev. Znamia 31 no. 6:124-129 Je '61.

EAST KAZAKHSTAN PROVINCE—INDUSTRIES
Rudnyy Altai today. M. Lazarenko. Nar. khoz. Kazakh. 19 no. 6:44-48 Je '61.

EAST KAZAKHSTAN PROVINCE—NONFERROUS METAL INDUSTRIES
Objectives of research and planning organizations for technological progress in industries of the East-Kazakhstan Administrative Industrial Council. K. M. Simakov. Trudy Alt. GMNII AN Kazakh. SSR 9 5-10 '60.

EAST KAZAKHSTAN PROVINCE—POWER ENGINEERING
Basic trends in the development of a power engineering system in East Kazakhstan. A. IA. Zaplavnyi. Trudy Alt. GMNII AN Kazakh. SSR 9 11-15 '60.

EAST KAZAKHSTAN PROVINCE—ROCK DRILLS
Roller boring in mines of the Zyryanovsk Combine. V. F. Rybeit. Trudy Alt. GMNII AN Kazakh. SSR 9 167 '60.

EASTER
A holiday of deceit and hatred, several questions and answers. Voiov. ateist no. 3:46-48 Mr '61.

EASTERN EUROPE see Europe, Eastern

EASTERN SIBERIA see Siberia, Eastern

EATON, CYRUS
Americans should know the truth about the socialist countries. Cyrus Eaton. Nov. vrem. 19 no. 26:18 Je '61.

EBERTHELLA TYPHOSA see Salmonella typhosa

EBULLITION
Approximate method of determining the heat-transfer coefficient during the boiling of aqueous salt solutions. B. G. Popov. Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no. 2:375-378 '60.

ECLIPSES, SOLAR—1954
Continuous emission of the chromosphere beyond the Balmer series during the solar eclipse of 1954 [with summary in English]. D. IA. Martynov. Astron. zhur. 38 no. 3:443-447 My-Je '61.

ECLIPSES, SOLAR—1961
(see also subdivision under Crimea)
Solar eclipse of February 15, 1961. M. N. Gnevyshev. Vest. AN SSSR 31 no. 5:55-59 My '61.

ECOLOGY
"Fundamentals of ecology" by B. G. Ioganzen. Reviewed by A. A. Nasimovich. Biul. MOIP. Otd. biol. 66 no. 2:153-157 My-Je '61.

ECONOMIC ASSISTANCE, AMERICAN see subdivision under India, Korea, South

ECONOMIC ASSISTANCE, RUSSIAN see subdivision under India

ECONOMIC GEOLOGY see Geology, Economic

ECONOMIC HISTORY
Disarmament problem and economists. Jurgen Kuczynski. V zashch. mira no. 12:15-16 D '60.
Economic life. V zashch. mira no. 12:46-53 D '60.
Moscow. Nauchno-issledovatel'skii kon"iunkturnyi institut. [Economy of the capitalist countries in 1959] Ekonomika kapitalisticheskikh stran v 1959 godu. Pod red. N. V. Orlova, IU. N. Kapelinskogo, V. P. Gorlunova. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 694 p.

ECONOMIC POLICY
Apologist for West German monopolies ("Current monetary and economic policy problems [in German] by Herman J. Abs. Reviewed by G. Desai). Den. i kred. 19 no. 6:86-88 Je '61.

ECONOMIC RESEARCH
Problems in coordinating economics research. V. P. Evstigneev. Vest. AN SSSR 31 no. 6:100-101 Je '61.

ECONOMIC ZONING
Economic regionalization and problems in improving the territorial organization of the national economy. S. Tokarev, P. Alampiev. Plan. khoz. 38 no. 7:31-30 Jl '61.

ECONOMICS
(see also subdivision under France)
A conference at the Faculty of Economics of Leningrad University. O. A. Eliseeva, M. F. Solodnikov. Vest. LGU 16 no. 11:153-156 '61.
January Plenum of the Central Committee of the CPSU and objectives in economics research. A. V. Bolgov. Vest. AN SSSR 31 no. 5:6-12 My '61.
Karataev, N. K., and M. N. Ryndina. [History of economic theories; from the emergence of Marxism to the Great October Socialist Revolution; a lecture course] Istoriia ekonomicheskikh uchenii ot vozniknoveniia marksizma do Velikoi Oktiabr'skoi revoliutsii; kurs lektsii. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 742 p.
Kornienko, A. A. [Critique of modern theories on the militarization of economy] K kritike sovremennykh teorii militarizatsii ekonomiki. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 246 p.
Kosolapov, R. I. [The dialectic of commodity under socialism] K voprosu o dialektike tovara pri sotsializma. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 46 p.
Present-day commodity and monetary relations in the national economy of the U. S. S. R. P. Nahornyi. Komm. Ukr. 36 no. 7:35-43 Jl '61.
Research in economics of the Scientific Technological Society of the Machinery Industry. M. P. Kopeliovich. Mashinostroitel' no. 6:37 Je '61.
Rozenberg, D. I. [Commentaries on the second and third volumes of "Capital" by K. Marx] Kommentarii ko vtoromu i tret'emu tomam "Kapitala" K. Markesa. Pod red. S. L. Vygodskogo. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 654 p.
Some problems concerning the preparation of the economic theory course. N. TSagolov. Kommunist 38 no. 10:110-118 Jl '61.

ECONOMICS—BIBLIOGRAPHY see Bibliography—Economics

ECONOMICS—STUDY AND TEACHING
Economic information for all workers. S. Semenkin. Bibliotekar' no. 6:28-29 Je '61.
Inculcate an interest in economics from the first days of school. S. V. Moiseev. Vest. vys. shkoly 19 no. 6:28-30 Je '61.

ECONOMICS, MATHEMATICAL
The use of present-day mathematical methods in the practice of business enterprises. V. P. Bakhrakh. Vest. LGU 16 no. 11:157-160 '61.

ECONOMISTS, BRITISH—CORRESPONDENCE, REMINISCENCES, ETC.
Ricardo, David. [Works. Preface by M. Smit] Sochineniia. Moskva, Izd-vo sotsial'no-ekon. lit-ry.
Vol. 5. [Letters to economists. Translated from the English] Pis'ma k ekonomistam. 1961. 270 p.

ECZEMA
Role of the stomach in nitrogen metabolism in eczema patients [with summary in French]. I. IA. Shakhmeister. Sbor. nauch. rab. po lepr. i derm. no. 13:87-90 '59.
Use of vitamin B_1 in treating eczema. G. B. Nesterenko. Vrach. delo no. 4:141 Ap '61.

EDUCATION
(see also subdivision under Africa; Buryat-Mongolia, Chuvashia; Mil'kovo District, Milyutinskaya, Mongolia; Scandinavia)
Appeal of the all-Russian conference of the heads of the District and Municipal Offices of Public Education to all public education personnel. Nar. obr. no. 6:22-23 Je '61.
At a high ideological and pedagogical level. Nar. obr. no. 7:1-8 Jl '61.
Conditions of a contest for the best research paper on the subject "Every subject in the new school must be a preparation for life and labor." Khim. v shkole 16 no. 2:94-96 Mr-Ap '61.
Goncharov, N. K. [Problems of pedagogics] Voprosy pedagogiki. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1960. 374 p.
I. N. Ul'ianov's concern for the advanced people's schools. A. Kondakov. Nar. obr. no. 7:91-95 Jl '61.
Let's welcome the 22d Congress of the party with the new successes in school reorganization. E. Afanasenko. Nar. obr. no. 6:3-21 Je '61.
The most worthy should go to institutions of higher learning. L. Krupko. Komsom. zhizn' no. 12:28-30 Je '61.

EDUCATION—BIBLIOGRAPHY see Bibliography—Education

EDUCATION—CONGRESSES
"Story about a teacher's congress; notes of a delegate" by P. I. Sinitsyn. Book review. Nar. obr. no. 7:119 Jl '61.
To our readers. Vest. vys. shkoly 19 no. 6:3 Je '61.

EDUCATION—PERIODICALS
(see also subdivision under Great Britain)
Read it in the periodicals. Nar. obr. no. 6:123 Je '61.
Read it in the periodicals. Nar. obr. no. 7:120 Jl '61.
"Uchitel'," a pedagogical periodical. F. Gol'din. Nar. obr. no. 6:100-102 Je '61.

EDUCATION—PERIODICALS—INDEXES
Akademiia pedagogicheskikh nauk RSFSR, Moscow. [Index to the "Izvestiia" of the Academy of Pedagogical Sciences of the R. S. F. S. R.] Ukazatel' k "Izvestiiam Akademii pedagogicheskikh nauk RSFSR," 1955-1959. Moskva, 1961. 47 p.

EDUCATION—PHILOSOPHY
Connection between academic instruction and society, work, and the development of communism. S. Shapovalenko. Nar. obr. no. 7:36-42 Jl '61.

EDUCATION, COOPERATIVE
(see also subdivision under Gorkiy, Leningrad, Lipetsk Province, Omsk Province, Ukraine)

IAkovlev, V. A. [Training students in production work] Vospitanie uchashchikhsia v proizvoditel'nom trude. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 206 p.

Improve the industrial training system in secondary school A Vasil'ev. Sots trud 5 no 12 12-20 D '60

Improving the industrial training of the secondary general school students Nar obr. no 7 11-12 Jl '61

Krupskaia, N.K. [Education without interrupting work] Voprosy obucheniia bez otryva ot proizvodstva; sbornik statei i rechei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 251 p.

Take up a good profession in school V Petrakov. Komsom zhizn' no 12 21-23 Je '61

EDUCATION, COOPERATIVE—CONGRESSES
International seminar on technical education and the relation between school and life Khim v shkole 16 no 2-3-7 Mr-Ap '61.

EDUCATION, ELEMENTARY
(see also subdivision under Vasyutina, Moscow Province)

Comments of a subject teacher. IA. Sredniak. Nar. obr. no. 6 53 Je '61.

Schools with one or two teachers. Nar. obr. no. 6:54-55 Je '61.

EDUCATION, HIGHER
Courses on preparing for admission to schools of higher learning. P. Bogomolov. Sov. voin 43 no. 9 27 My '61.

For further flourishing of research in institutions of higher learning. Vest vys shkoly 19 no 6 4-6 Je '61

Russia (1923- U.S.S.R.) TSentral'noe statisticheskoe upravlenie. [Higher education in the U.S.S.R.; statistical collection] Vysshee obrazovanie v SSSR; statisticheskii sbornik. Moskva, Gosstatizdat TsSU SSSR, 1961. 254 p.

EDUCATION, RURAL
(see also subdivision under West Kazakhstan Province)

Important objective of educational personnel. Nar. obr. no. 6:1-7 Je '61.

EDUCATION, RURAL—CONGRESSES
From the rostrum of the all-Russian conference of rural school personnel. Nar. obr. no. 6:59-62 Je '61.

EDUCATION OF CHILDREN see subdivision under Kasimov (Ryazan Province)

EDUCATIONAL PSYCHOLOGY
Ukrainian conference on psychological problems in training and education B. F. Baev. Vop. psikhol. 7 no. 3:181-187 My-Je '61.

EFFICIENCY, INDUSTRIAL
(see also subdivision under Leningrad; Minsk)

[Always at the forefront; sketches of shock workers and the groups of communist labor] Vsegda vperedi; ocherki ob udarnikakh i kollektivakh kommunisticheskogo truda. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 134 p.

At the forefront of the struggle for communist labor. M. Morozov, P. Rodionov. Kommunist 36 no. 11 92-102 Jl '61

The first Ukrainian plant of communist labor. I. Bohodyst, K. Ivanchenko. Ekon. Rad. Ukr. no. 3:59-63 My-Je '61.

Labor productivity and the building of communism. [illegible] Jl '61.

[illegible] Brigade of [illegible]-obuv

Some homogeneous boundary value problems for the equation of string vibration E A Arutiunian, A G Giul'misarian, S G Ovseplan Dokl AN SSSR 138 no 6,1255-1256 Je '61

EIGENVALUES
Reversed spectra and dimensionality B Pasynkov Dokl AN SSSR 138 no. 5,1013-1015 Je '61.

ELANDS
Exceptional case of twins in Taurotragus oryx Pall [with summary in English] V.D Treus Dop AN URSR no 6 822-821 '61.

ELASTIC PLATES AND SHELLS
Applying V.Z.Vlasov's variational method to the calculation of thin-walled systems [monocoques] made of trapezoid plates P. A. Reznikov. Inzh sbor 31 108-118 '61

Axisymmetric elastic plastic state of a shell of revolution [with summary in English] V V Vasyl'iev Prykl mekh 7 no 3 272-278 '61

A basic mixed problem in the theory of elasticity for a rectangle G M Valov. Izv AN SSSR Otd. tekh nauk Mekh. i mashinostr no 3:133-142 My-Je '61

Bending of a thick plate V P Maksymenko Prykl. mekh. 7 no 3:335-339 '61.

Circular plate on a generalized flexible base which is spread over the area of a circle concentric to the circumference of the plate contour. O. N. Ivanov Izv. vys. ucheb zav., mashinostr. no 4:3-7 '61.

Designing the coupling of shells of rotation according to the limiting state. M. IA. Laut. Stroi. mekh. i rasch. soor. 3 no. 3:43-48 '61.

Dynamic stability of a cylindrical shell during the initial bending at a given speed of the convergence of ends. A. I Blokhina. Inzh sbor. 31.196-201 '61.

Dynamics of elastic-viscous shells and plates E I. Grigoliuk Dokl AN SSSR 138 no 6.1317-1320 Je '61

Forced vibrations and dynamic stability of orthotropic sandwich plates S. A. Ambartsumian, V. TS. Gnuni. Izv. AN SSSR. Otd. tekh nauk. Mekh. i mashinostr. no. 3 117-123 My-Je '61.

Free oscillations in a thin spherical shell. O. V. Luzhin. Stroi. mekh. i rasch. soor. 3 no. 3:32-36 '61.

Free oscillations of thin plates with calculation of the inertia of rotation. N. M. Grigor'iants. Stroi. mekh. i rasch. soor. 3 no. 3 36-37 '61.

Integrodifferential equations of the equilibrium problem for shells of revolution with variable thickness [with summary in English] H I Tkachuk Prykl mekh 7 no 3 266-271 '61.

Investigating efficient shapes and optimum geometrical parameters of thin-walled sections used for agricultural machinery and subjected to repeatedly alternating loads G V. Kobat Dokl. TSKhA no. 66 295-308 '61.

Investigating quasivariants of statical geometrical analogies for thin elastic shells. V. Visarion, C. Stănescu. Prikl. mat. i mekh. 25 no. 1:68-75 Ja-F '61.

Investigations and principles of designing agricultural machinery frames from thin-walled bent sections on the basis of the KGP-2 potato combine. I S. Siniagovskii, A. S. Kolotushin. Dokl. TSKhA no. 66 281-287 '61

Large flexures of a netted shallow cylindrical shell. G. I. Pshenichnov. Inzh. sbor. 31.101-107 '61.

Local and general strength of thin-walled bent sections subjected to central compression G. G. Balovnev. Dokl. TSKhA no. 66 289-294 '61.

Mean flexure of a flat spherical panel, square in its plane, in the case of nonlinear dependence between deformation and stress. Kh. M. Mushtari, R. G. Surkin. PMTF no. 2 162-165 Jl-Ag '60.

Ponderable medium weakened by periodical circular holes. Part 1. D. I Sherman. Inzh. sbor. 31:24-75 '61.

Problem of large saga in a shallow shell [with summary in English]. A. A. Berezovs'kyi. Dop. AN URSR no. 6: 722-726 '61

Problem of the breaking-off in an acoustic approximation for the case of plane strained state. N. I. Somov. Inzh. sbor. 31 no. 3:188-195 '61.

Propagation of elastic plastic waves of bending and sheer caused by axisymmetric deformations of shells of revolution. M. P. Galin. Inzh. sbor. 31:135-170 '61.

Rzhanitsyn, A. R. [Shallow shells and corrugated plates; some problems in the theory and design] Pologie obolochki i volnistye nastily; nekotorye voprosy teorii i rascheta. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 128 p. (Akademiia stroitel'stva i arkhitektury SSSR. Institut stroitel'nykh konstruktsii. Nauchnoe soobshchenie, no. 14)

Solution by electric computers of linear algebraic equations of structural mechanics and the theory of elasticity [with summary in English]. M. I. Dluhach, A. I. Shynkar'. Dop. AN URSR no. 4:438-441 '61.

Some cases of elastic equilibrium of an isotropic plate with a soldered circular isotropic core [with summary in English]. Dop. AN URSR no. 4:451-454 '61.

Strength of an evenly compressed polygonal plate L. M. Kurshin, L. A. Fil'shtinskii Izv. Sib. otd. AN SSSR no. 4.3-8 '61.

Stress concentration around a circular hole in a square plate [with summary in English]. V. M. Rakivnenko, V. I. Makhovykov. Dop. AN URSR no. 1:464-468 '61

Transcritical deformations of cylindrical shells under external pressure A V Pogorelov Dokl. AN SSSR 138 no 6:1325-1327 Je '61.

ELASTIC PLATES AND SHELLS—VIBRATION
Dynamic boundary effect caused by elastic vibrations of plates. V V Bolotin. Inzh. sbor. 31 3-11 '61.

Effect of concentric ribs on the frequency of natural vibrations of circular and annular plates [with summary in English]. N P Abelshman, O N. Shabdyl Prikl. mekh 7 no 3 326-331 '61

ELASTIC RODS AND WIRES
Bending of thin-walled bars in case of considerable elastic displacements. E L Aksel'rad. Izv. AN SSSR Otd. tekh nauk Mekh. i mashinostr no 3 124-132 My-Je '61

Dynamics of the stability of rods in case of creep S A Shesterikov. PMTF no 1 66-71 Ja-F '61.

Lisowski, Aleksander. [Oscillations in straight rods and frames; selected problems and examples. Translated from the Polish] Kolebaniia priamykh sterzhnei i ram; izbrannye voprosy i primery. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 157 p.

Shchedrov, V. S. [Fundamentals of the mechanics of a flexible string] Osnovy mekhaniki gibkoi nити. Moskva Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961 170 p.

Twisting of an anisotropic rod by forces distributed at the lateral surface. S. G. Lekhnitskii. Prikl. mat. i mekh. 25 no. 1,56-67 Ja-F '61.

ELASTIC RODS AND WIRES—VIBRATION
Applying the Rayleigh-Ritz method for determining the frequency of natural vibrations of a bar V. D Shumeiko Prykl. mekh 7 no 3 332-335 '61.

Vibrations of twisted rods. B. F Shorr Izv. AN SSSR Otd. tekh nauk. Mekh. i mashinostr. no. 3.102-112 My-Je '61.

ELASTIC SOLIDS
Stability of equilibrium in inelastic deformations. G. V Ivanov. PMTF no. 1 47-55 Ja-F '61.

ELASTIC SOLIDS—VIBRATION
Inherent oscillations of a rectangular elastic parallelepiped. V. V. Bolotin. Prikl. mat. i mekh. 25 no. 1 155-158 Ja-F '61.

Torsion oscillations of a half-space. IA. S. Ufland. Prikl. mat. i mekh. 25 no. 1:159-162 Ja-F '61.

ELASTIC WAVES
Relation between the velocity of elastic longitudinal waves and some physical characteristics of sedimentary rocks L. S. Polak, M B. Rapoport. Prikl ge[illegible] no 29 12-19 '61.

ELASTICITY
Contribution to the construction of the theory of elasticity. D D Ivlev. Dokl AN SSSR 138 no 6:1321-1324 Je '61

Coordination conference on the three-dimensional theory of elasticity and plasticity A T. Ulitko. Prykl mekh 7 no. 3:345-346 '61

Fundamental solutions of dynamic equations of the theory of elasticity for an inhomogeneous medium. V. M. Babich. Prikl. mat. i mekh. 25 no. 1:38-45 Ja-F '61.

Modulus of elasticity of pyrite. K. S. Aleksandrov, T. V Ryzhova. Izv Sib. otd. AN SSSR no. 6:43-47 '61

One way of solving the axially-symmetric contact problem of the theory of elasticity. G. IA. Popov. Prikl. mat. i mekh. 25 no. 1:76-85 Ja-F '61.

A plane contact problem in the theory of elasticity. G. IA. Popov. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 3.143-150 My-Je '61.

Stability of a strip under compression L. V. Ershov, D. D. Ivlev. Dokl. AN SSSR 138 no. 5:1047-1049 Je '61

Stress functions and displacement functions [with summary in English]. V. I. Blokh. Dop. AN URSR no. 4. 455-457 '61.

ELASTICITY—TESTING
Precision measurement of natural oscillation frequency in determining the elasticity modulus of a specimen G. A Rymashevskii, A. V. Panov. Izv vys. ucheb zav., chern. met. 4 no. 5.189-191 '61.

EL'BRUS REGION—GEOLOGY, STRATIGRAPHIC
Age of ore-bearing strata of the Khudes (Kizyikol') copper pyrite deposit. M. M. Rubinshtein, V. I. Baudz Dokl. AN SSSR 138 no. 6:1428-1430 Je '61.

ELECTRIC APPARATUS AND APPLIANCES
(see also subdivision under Armenia)

Alekseev, A. G., B. D. Ganiaev, and V. V. Markelov. [Industrial installation of large preassembled electric equipment at industrial enterprises] Industrial'nyi krupnoblochnyi montazh elektrooborudovaniia promyshlennykh predpriiatii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 123 p.

ELECTRIC APPARATUS AND APPLIANCES (Continued)

Device for replacing electric bulbs. Sprit. prom. 27 no 4 40-41 '61

Electrically equipped vehicle training course. I Belianev, N Ahabiev. Tyl i snab Sov Voor Sil 21 no 1 70-75 Ja '61

Electrolyzer with a rectifier. I T Syroezhkin. Khim. v shkole 16 no 2 66-67 Mr-Ap '61.

ELECTRIC ARC

Distribution of ions in the plasma of an arc discharge. M N Tarko. Izv Sib otd AN SSSR no 6,11-22 '61

Internal instability of an arc with a mercury cathode. Part 1. Spontaneous extinction of the arc. I.G. Kesaev. Zhur. tekh. fiz. 29 no.12 1462-1472 D '59.

ELECTRIC BREAKDOWN see Breakdown, Electric

ELECTRIC BRUSHES see Brushes, Electric

ELECTRIC CABLES

Measurement of asymmetry coefficients. G.A. Arkhangel'skii. Vest. sviazi 21 no.3:11-12 Mr '61.

Poddubnyi, S.A. [Cable work in mines] Montazh shakhtnykh kabel'nykh linii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 185 p.

Using flexible cables in mines. L P Romenskii and others. Bezop truda v prom. 5 no.7 4-5 Jl '61

ELECTRIC CABLES—TESTING

Portable PKI-59 kenotron device. IU.V Grigor'ev, TS O Berdichevskii. Avtom., telem. i sviaz' 5 no 5 29-31 My '61

ELECTRIC CAPACITANCE

Calculating thermal compensation in oscillatory circuits. I D Vishnevskii. Izv vys ucheb zav., prib. 4 no. 3. 11-18 '61.

ELECTRIC CAPACITANCE—MEASUREMENT

Frequency responses of the magnitudes of capacitance measures. A L Grokhol'skii. Izm. tekh no 7.47-10 Jl '61

ELECTRIC CAPACITORS

Alternating current device for the continuous oxide coating of anode foil used in electrolytic condensers. M. M. Lerner. Izv vys ucheb zav., energ. 4 no 5 40-45 My '61.

Lyskov, IU.I., ed. [Switching banks of capacitors] Vkliuchenie i otkliuchenie batarei kondensatorov. Moskva, Gos. energ. izd-vo, 1961. 127 p. (Energetika za rubezhom)

Nonlinear capacitors, their properties and usage. I F Borodin. Dokl. TSKhA no 66 19-25 '61.

Use of electrolytic condensers in a.c. circuits. A. I Breido. Avtom., telem. i sviaz' 5 no. 5 32-34 My '61.

ELECTRIC CIRCUITS

Calculating thermal compensation in oscillatory circuits. I.D. Vishnevskii. Izv. vys ucheb zav., prib 4 no. 3: 11-18 '61

Designing differential circuits with semiconductor rectifiers. I.G Fika. Priborostroenie no 6,6-8 Je '61.

Designing differential rectifier circuits. L. A. Sinitskii. Izm tekh. no. 7:43-46 Jl '61.

ELECTRIC CONDUCTIVITY

Investigation of charge transport in some alloys with high electric resistance [with summary in English]. I. N. Frantsevych, I I Kovens'kyi. Dop AN URSR no 5 636-639 '61

Temperature dependence of low-frequency fluctuations in conductivity in back-bias p-n junctions in germanium. IU.S. Karpov. Fiz. tver. tela 3 no. 5:1571-1573 My '61.

ELECTRIC CONNECTORS

PRSh-1 electric starter with plug. Shakht. stroi. 5 no. 6: 4 of cover. Je '61.

ELECTRIC CONTROLLERS

Automatic electroacoustical stopping device for circular rib knitting machines. IU.M. Kuzmichev. Mekh. i avtom. proizv. 15 no. 6,44-46 Je '61.

Calculating the adjustment of the multiplying device for controlling the rate-of-flow ratio. V.S. Prusenko, L. I. Shipetin. Priborostroenie no. 7:1-3 Jl '61.

Continuous signaling system for multipoint bridges and potentiometers. V.IA. Kozhukh. Priborostroenie no. 6: 29 Je '61.

Frequency-phase stabilizer of the rotation speed for low-power d.c. motors. IU.V. Levi, A. A. TSvetkov. Priborostroenie no. 6:12-13 Je '61.

ELECTRIC COOKERY

Electric heating in frying stoves. V.V. Danilevskii, L.P. Shkurat. Ryb. khoz. 37 no. 4:72-74 '61.

ELECTRIC CRANES

Compensation of the reactive power of electric gantry cranes. G. Tarutin. Mor. flot 21 no. 2:11-12 F '61.

Dynamic loads in the elements of the turning gear of a crane with a hydroelectric drive. P.G. Losev. Izv. vys. ucheb. zav., mashinostr. no. 4:34-51 '61.

Effect of the boom system on the swinging gear of the gantry crane boom. F. Loiner. Mor. flot 21 no. 2: 12-15 F '61.

Electric cranes on ships of the "Ugleural'sk" type. N. Taranchuk. Mor. flot 21 no. 1:30-33 Ja '61

Selecting a single-stage hydrodynamic torque converter for the winch of an electric crane. S. A Parshchik, A. K Tishchenko. Izv. vys. ucheb. zav., mashinostr. no 4 52-60 '61

ELECTRIC CURRENT CONVERTERS

Converting a single-phase current system to a three-phase system (by means of a two-coil circuit). S. S. Salikhov. Izv. AN Uz SSR, Ser. tekh. nauk no 3 6-16 '61.

Designing transistor constant-voltage converters with magnetic aging. M. E Poturovskii. Izv. vys. ucheb. zav., prib. 4 no 3:3-10 '61

Investigating transient processes in two-circuit parametric converters with sum or difference output frequencies. IU. A. Il'inskii, M. D. Karasev. Vest. Mosk. un. Ser. 3 Fiz., astron. 16 no. 2, 12-18 Mr-Ap '61.

Protection of rectifiers on electric locomotives from inverse firing. B N Tikhmenev. Elek i tepl. tiaga 5 no. 1 31-34 Ap '61

Semiconductor direct to three-phase current converter. P. P Azbelev, S S Rybak. Izv. vys ucheb. zav ; prib 4 no 3, 17-54 '61

Some conclusions derived from the use of a circuit with series connected rectifiers. E. G. Bobrov. Elek. i tepl tiaga 5 no 3 30-32 Mr '61

Use of an emitter follower for the conversion of the current pulse of a photoelectron multiplier to a voltage pulse. L. S Goin, B. I. Khazanov. Radiotekh i elektron 6 no 6:1010-1014 Je '61

ELECTRIC CURRENT RECTIFIERS

High-frequency oscillations and their damping in a mercury rectifier network with ground equalizer. IU A Morozov. Sbor. rab po vop. elektromekh. no 5 262-276 '61.

Low-power electronic rectifier using feedback. V. M. Klipichnikov. Izv. vys ucheb. zav., energ 4 no 5 13-20 My '61.

Two remarks. G G Kaliuzhnyi. Elek i tepl tiaga 5 no. 3 32 Mr '61.

ELECTRIC CURRENTS—GROUNDING

Efficient grounding devices for rural low-voltage networks. N G. Piliutik, V. I Shestopalov. Mekh i elek sots sel'khoz 19 no 3,50-52 '61.

Epifanov, D.E. [Protective grounding of electric systems in mining] Zashchitnye zazemleniia elektricheskikh ustanovok v gornorudnoi promyshlennosti. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 101 p.

ELECTRIC CUTOUTS

Automatic cutout for low-voltage networks. M. Levin, B. Slavin, A. Ganelin. Tekh. v. sel'khoz. 21 no. 6, 14-15 Je '61

Mechanical blocking arrangement for electric cutouts. V P Kolesnik. Elek i tepl tiaga 5 no 4-12 Ap '61

ELECTRIC DISCHARGES

Amidst the lightning. IU. Medvedev. Izobr. i rats. no. 7: 29-30 Jl '61.

Using high-frequency electric discharges in aerodynamic investigations. A M. Khazen. Prom. aerodin. no 19: 62-67 '60.

Usual miracles. L. Il'kin. NTO 3 no. 6:22-27 Je '61.

ELECTRIC DISCHARGES THROUGH GASES

Effect of a constant longitudinal magnetic field on a high-frequency discharge in mercury. S. D. Vagner, N. I. Van'chikova. Zhur. tekh. fiz. 29 no. 12:1475-1477 D '59.

Examination of the luminescence spectrum produced by a high-intensity electric discharge in a stream of carbon tetrachloride vapors. IU. IA. Kuziakov, V M. Tatevskii. Izv. vys. ucheb. zav., khim. i khim. tekh. 3 no. 2: 203-204 '60.

Investigating the development of discharges and establishing the parameters of plasma in low-pressure tubes. T. A. Sanina, A. A. Zaitsev, A. A. Sanin. Vest. Mosk. un. Ser. 3: Fiz., astron. 16 no. 2:54-59 Mr-Ap '61.

ELECTRIC DRIVING

Chilikin, M.G. [General course on electric driving] Obshchii kurs elektroprivoda. Izd. 3., dop. i perer. Moskva, Gos. energ. izd-vo, 1961. 471 p.

Khalizov, G.P. [Automatic control and regulation of electric drives] Avtomaticheskoe upravlenie i regulirovanie elektroprivodami. Moskva, Ugletekhizdat.

Lecture 4. [Contactor-type relay control of electric drives] Releino-kontaktornoe upravlenie elektroprivodami; obshchie printsipy. 1959. 27 p.

ELECTRIC ENGINEERING

Certificates of invention. Elektrosviaz' 15 no. 6:72-73 Je '61.

Molchanov, A.P. [Course on radio and electric engineering] Kurs elektrotekhniki i radiotekhniki. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 504 p.

ELECTRIC ENGINEERING—ABSTRACTS

[Electrical engineering and electric power.] Ref. zhur.: Elektrotekh. i energ. no. 7 Jl '61.

[Electrical engineering.] Ref zhur.: Elektrotekhnika Avtorskii ukazatel' [Author index], 1958

ELECTRIC ENGINEERING—MATERIALS

Bogoroditskii, N.P., V.V. Pasynkov, and B.M. Tareev. [Electric engineering materials] Elektrotekhnicheskie materialy. Izd. 4., perer. Moskva, Gos. energ. izd-vo, 1961. 528 p.

Russia (1923- U.S.S.R.) Glavnoe upravlenie po proizvodstvu elektromontazhnykh rabot. [Collection of list (wholesale) and estimated prices for materials and electric components not included in price-book 8] Sbornik preiskurantnykh (optovykh) i smetnykh tsen na materialy i elektrokonstruktsii, ne uchtennye tsennikom no. 8. Moskva, Gos. energ. izd-vo 1960. 264 p.

ELECTRIC ENGINEERING—STUDY AND TEACHING

We need specialists in power supply for electronic equipment. E. I Kissel'. Vest vys shkoly 19 no 6 31-32 Je '61

ELECTRIC FANS see Fans, Electric

ELECTRIC FIELDS

Electron-optical measurement of electric and magnetic microfields on surfaces. N N Sedov, G. V Spivak, N.I. Isaeva. Izv. AN SSSR, Ser. fiz. 25 no.6 725-729 Je '61

Elementary photographic processes in an electric field. A I Kartuzhanskii. Usp. fiz. nauk 73 no 3 471-502 Mr '61.

Equations of motion of charged particles in classical electrodynamics. IU. P. Pyt'ev. Vest. Mosk. un. Ser. 3: Fiz., astron. 16 no. 2 9-11 Mr-Ap '61.

Investigating the electrical properties of some composite ferrites in alternating electric fields. E. V. Siniakov, V. P Avramenko. Fiz. tver. tela 3 no. 2 311-315 F '61

Investigating the nonlinear properties of $BaTiO_3$ single crystals and polarized ceramics in strong alternating fields. R E. Pasynkov. Fiz. tver. tela 3 no 5.1587-1597 My '61.

Motion of a plasma flowing in a tube in external crossed electric and magnetic fields. V. M. Sarychev. PMTF no. 1:3-9 Ja-F '61.

Spectral dependence of the field effect in CdS and CdSe single crystals. N I Bolynna, L V. Liashenko, M K Sheinkman. Ukr. fiz zhur 6 no 2 281-281 Mr-Ap '61

ELECTRIC FURNACES

Interconnection of electric and geometric parameters of electrode furnaces and their industrial purpose. P V. Sergeev, G F. Platonov. Trudy Alt. GMNII AN Kazakh SSR 9:181-188 '60

Smelting refractory materials in the OKB-514 electric furnace and manufacturing articles from them. E V Ivanov, A N Gaodu, G F. Guzenko. Ogneupory 26 no. 5:214-220 '61.

ELECTRIC GENERATORS

Effect of excitation regulation on the parametric cumulative hunting of synchronous machines. E S Lukashov. Izv. Sib. otd AN SSSR no 6:3-13 '61.

Effect of the constant rotor inertia of a generator on the static stability of long-distance electric power transmission. A. Kh. Kaliuzhnyi, V. S. Puchkov. Trudy Transp.-energ. inst. Sib. otd. AN SSSR no. 11:163-177 '60.

Protection of d.c. generators. M. V. Titarenko. Izv. Sib. otd. AN SSSR no. 5 119-122 '61.

Study of a low-power synchronous generator as an object of voltage control with simultaneous change in the speed of the device. Sh. A. TSintsadze. Trudy Inst. elek., avtom. i telem. AN Gruz. SSR 1:105-114 '60.

Study of the stability of generator with strong angle regulation feeding a long-distance power transmission line. G. V Vorob'ev. Trudy Transp.-energ. inst. Sib. otd. AN SSSR no. 11:135-147 '60.

ELECTRIC HEATING

Hygienic evaluation of swine houses with electrically heated floors under conditions prevailing in Moscow Province. Dokl TSKhA no 61.175-179 '61

ELECTRIC INDUSTRIES see subdivision under Armenia; Erivan; Leningrad

ELECTRIC INSTRUMENTS

Be punctual in testing measuring apparatus. L. Savel'ev. Tyl i snab. Sov Voor Sil 21 no. 2-81-84 F '61.

Designing profilometers. I. V. Dunin-Barkovskii, A. N. Kartasheva. Priborostroenie no 7:9-11 Jl '61.

The IAD-1 acoustic impedance flaw detector. IU. V. Lange. Biul tekh.-ekon. inform. no. 5:47-48 '61.

Increasing the sensitivity of resonance circuits of instruments having reactance transducers. M. L. Shchupak. Izm. tekh. no. 7:28-33 Jl '61.

Miniature high-speed automatic transistor compensator. V. G. Zubov, L. IA. Miziuk. Priborostroenie no. 6: 10-12 Je '61.

ELECTRIC INSTRUMENTS—STANDARDS

Standardization of recording electric measuring instruments. A.M. Liuberskaia, V.V. Popov. Standartizatsiia 25 no. 6:29-32 Je '61.

ELECTRIC INSULATORS AND INSULATION

Experience in using the SP-110 bar insulators in the Armenian power supply system. G Galustian, Prom Arm. 1 no.1 52-54 Ja '61

Improving the quality of electric insulators G. Samoilenko, K. Gorev Biul tekh -ekon. inform no 5 80 '61

Mechanical means for screwing on insulators. N. G. Mel'nikov Transp stroi 11 no 5 51 My '61.

Problem concerning the cleaning of insulators in the repair of communication lines Avtom , telem i sviaz' 5 no 4 39 Ap '61

Properties of organosilicon electric insulating enamels and their uses M. B. Fromberg Lakokras. mat. i ikh prim. no. 3 33-39 '61.

Wide-band "metallic" insulators [with summary in English]. A V Men'. Ukr fiz. zhur 6 no 2-267-272 Mr-Ap '61

ELECTRIC INSULATORS AND INSULATION—TESTING

Kulakovskii, V. B. [Preventive testing of the insulation of large electric machinery] Profilakticheskie ispytaniia izoliatsii krupnykh elektricheskikh mashin. Moskva, Gos. energ. izd-vo, 1961. 136 p.

ELECTRIC LAMPS
(see also subdivision under Erivan)

Table lamps. Svetotekhnika 7 no. 5-32 My '61.

ELECTRIC LAMPS, INCANDESCENT—FILAMENTS

Equipment for the automatic condenser-discharge welding of electric lamp spiral leads to the base. N. G. Riabokon', L. V. Gal'chinskii, V. V. Rybakov. Svar. proizv. no. 6-23-25 Je '61.

ELECTRIC LIGHT FIXTURES

Nomenclature of industrial light fixtures IU B. Aizenberg, TS I Kiol' Svetotekhnika 7 no 6 1-7 Je '61.

Overhead and table light fixtures with incandescent bulbs. Svetotekhnika 7 no. 4-32 Ap '61.

Overhead light fixtures. Svetotekhnika 7 no. 5-32 My '61.

Overhead light fixtures using incandescent lamps. Svetotekhnika 7 no 5 32 Je '61.

ELECTRIC LIGHT FIXTURES—MAINTENANCE AND REPAIR

Regarding M G Lur'e's article "Servicing of light fixtures in the shops of industrial enterprises " E V Makhov. Svetotekhnika 7 no 6 26-27 Je '61.

ELECTRIC LIGHT FIXTURES—TABLES, CALCULATIONS, ETC.

Tables of specific power ratings for light fixtures with incandescent lamps. V. V. Gromova, L. IA. Shmuilovich. Svetotekhnika 7 no. 4-18-20 Ap '61

ELECTRIC LIGHTING

Changes in the regulations on the protection of electric networks with voltages up to 1000 volts S A Kliuev Svetotekhnika 7 no 6 17-23 Je '61

Chesnokova, N. G., and L. S. Sabirina. [Lighting engineering handbook for designing lighting in repair shops and industrial enterprises of railroad transportation] Svetotekhnicheskii spravochnik dlia proektirovaniia osveshchenila depo i promyshlennykh predpriiatii zheleznodorozhnogo transporta. Moskva, Vsesoiuznoe izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 142 p.

Dadiomov, M. S. [Lighting with floodlights] Prozhektornoe osveshchenie. Moskva, Gos. energ. izd-vo, 1960. 211 p.

Device for the automatic control of electric lighting. A. V. Solov'ev, M. S. Timofeevich. Svetotekhnika 7 no. 5-25-27 My '61.

Meeting on theoretical and experimental principles of lighting engineering. Svetotekhnika 7 no 6-30-31 Je '61

Statistical check of the reliability of light sources. S. I. Levin. Svetotekhnika 7 no. 4-1-8 Ap '61.

Through the pages of foreign magazines. Svetotekhnika 7 no. 4-29-31 Ap '61.

Through the pages of foreign magazines. Svetotekhnika 7 no. 5-30-31 My '61.

Through the pages of foreign magazines. Svetotekhnika 7 no 6 31 Je '61

ELECTRIC LIGHTING—BIBLIOGRAPHY see Bibliography—Electric lighting

ELECTRIC LIGHTING—STANDARDS

Errors of spectral and color measurements. R. S. Ioffe. Svetotekhnika 7 no. 6-24-26 Je '61.

ELECTRIC LIGHTING—WIRING

Installing wiring for illumination. I. Zavgorodnii. Stroi. i arkhit. 9 no. 5-33-34 My '61.

ELECTRIC LIGHTING, ARC

Illumination with a rotating system of prisms. A. I. Shuger. Dokl. TSKhA no. 64. 107-186 '61.

ELECTRIC LIGHTING, FLUORESCENT see Fluorescent lighting

ELECTRIC LINES

Direct-current transmission lines A M. Berkovskii Biul tekh -ekon inform no 5 87-92 '61

Effect on the nearest terminal of nonsymmetrical loading of high-frequency cable circuits. G. A. Arkhangel'skii. Elektrosviaz' 15 no. 5 65-72 My '61.

Efimov, I. E. [Multilayer communication lines] Mnogosloinye provoda sviazi. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1961. 143 p.

Outlook for using direct-current transmission lines IU P Ryzhov Biul. tekh -ekon inform. no 6 42-47 '61

Russia (1917- R.S.F.S.R.) Ministerstvo kommunal'nogo khoziaistva. [Price-list rates by district for construction and assembly of urban electric networks] Poraionnye preiskurantnye tseny na stroitel'stvo i montazh gorodskikh elektricheskikh setei. Moskva, 1961. 179 p.

Simplified means of assembling flexible couplings. V. N. Novosel'tsev, L. G. Chastnii. Stroi. truboprov. 6 no. 4-22-23 Ap '61.

Transistorized relay protection of 35 kv. electric lines. G. V. Barkhatov and others. Sbor. rab. po vop. elektromekh. no. 5 117-132 '61

Use of power networks for the transmission of information. V V. Sidel'nikov, IU A Morozov Vest AN SSSR 31 no 6-99-100 Je '61

Wave propagation in nonlinear lines with dispersion. R. V. Khokhlov. Radiotekh. i elektron. 6 no. 7. 1116-1127 Jl '61.

ELECTRIC LINES—OVERHEAD see subdivision under Armenia

ELECTRIC LINES—POLES

Impregnating wood for electric line poles. S. Solodovnikov. Sel'. stroi. 15 no. 4-20 Ap '61.

Standard poles for urban electric lines. V. Likhachev, D Lerman Zhil -kom khoz 11 no. 4-14-15 Ap '61.

Use of an uralite-base paste for the preservation of wooden poles A. I Nikanorova, M V Andrianova Vest sviazi 21 no 4 13-15 Ap '61

Vehicle-mounted reel attachement for winding wires. I. I Butyrskii, V. I Talanov Avtom , telem i sviaz' 5 no 5 20 My '61.

Wood should be saved V S Nasedkin. Avtom , telem i sviaz' 5 no 5 41 My '61.

ELECTRIC LINES—TESTING

IKL-5 cable and line testing device D S. Kuz'min Avtom , telem i sviaz' 5 no 1 1-6 Ap '61

ELECTRIC LINES—UNDERGROUND

Methods for lowering the cost of the protection of underground communication cables from overvoltages caused by lightning M I. Mikhailov, S A Sokolov. Vest sviazi 21 no 5-11-12 My '61

ELECTRIC LOCOMOTIVES

Checking the overhead equipment on the N8-series electric locomotives. A M Khripunov, M P Petrov Elek i tepl. tiaga 5 no 3. 37-39 Mr '61.

Is it permissible to move the controller handle rapidly? G. V. Famінskii. Elek i tepl tiaga 5 no 3 41-43 Mr '61

Modernization of the suspension system of the N8 electric locomotive I P. Isaev, V A Molodikov. Elek. i tepl. tiaga 5 no. 4 16-17 Ap '61.

Protection of rectifiers on electric locomotives from inverse firing B. N Tikhmenev Elek. i tepl tiaga 5 no. 4-31-34 Ap '61

Electric traction motors for main-line electric locomotives. P A. Zolotarev Biul. tekh. -ekon inform no. 5-67-71 '61

Why does the traction power of an electric locomotive increase as the field excitation of the traction motors is decreased? D D Zakharchenko, G. F. Budko, G. M. Borovskii. Elek. i tepl. tiaga 5 no 4 37-38 Ap '61.

ELECTRIC LOCOMOTIVES—EQUIPMENT AND SUPPLIES

Further improvement of sand supply systems on electric locomotives. V. G. Dudin, L M. Lorman. Elek. i tepl. tiaga 5 no. 4 8-9 Ap '61.

ELECTRIC LOCOMOTIVES—MAINTENANCE AND REPAIR

Method for locating faults in the 64-series electric contactors. N G. Polianskii. Elek i tepl. tiaga 5 no. 4 29-30 Ap '61.

Two instructive cases A G. Liutsau. Elek. i tepl. tiaga 5 no. 4 28-29 Ap '61

We have organized the periodic servicing of electric locomotives. S. Sh Gol'dvarg, L G. Mamulov. Elek. i tepl. tiaga 5 no. 3 8-11 Mr '61.

ELECTRIC LOCOMOTIVES—TESTING

Reason for the establishment of check points for a c. powered locomotives A. M Solodunov, B. A. Kolchanov. Elek i tepl. tiaga 5 no. 3 40-41 Mr '61.

ELECTRIC MACHINERY

Kulakovskii, V. B. [Preventive testing of the insulation of large electric machinery] Profilakticheskie ispytaniia izoliatsii krupnykh elektricheskikh mashin. Moskva, Gos. energ. izd-vo, 1961. 135 p.

ELECTRIC MACHINERY—DESIGN AND CONSTRUCTION

Postnikov, I. M. [Designing of electric machinery] Proektirovanie elektricheskikh mashin. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1960. 910 p.

ELECTRIC MACHINERY—MAINTENANCE AND REPAIR

"Manual for electricians of grain receiving enterprises" by D G Sigeda Reviewed by A. Orzhekhovskii, S Frima Muk -elev prom 27 no 6 31-32 Je '61

ELECTRIC MACHINERY—WINDINGS

Zimin, V. I., and others. [Electric machinery windings] Obmotki elektricheskikh mashin. Izd. 5., perer. Moskva, Gos. energ. izd-vo, 1961. 475 p.

ELECTRIC MEASUREMENTS

Brief report on the activity of the Lvov Institute of Mechanical Engineering and Automation of the Academy of Sciences of the Ukrainian S. S. R in the fields of automatic control, telemetry, and measuring techniques II, II Matsymovych, Avtomatyka no 3 88-95 '61.

Cooperation between research workers and railroad employees N. A IAkovlev Elek i tepl tiaga 5 no 3 13 Mr '61

Device for measuring and registering corona losses in high-voltage electric power transmission lines. I A Nazhdina, V. S Popov Sbor. rab. po vop. elektromekh no. 5-287-298 '61.

Effect on the nearest terminal of nonsymmetrical loading of high-frequency cable circuits. G. A. Arkhangel'skii. Elektrosviaz' 15 no. 5-65-72 My '61.

Measuring the rate of flow of conveyed ore in pulp K. I. Didenko, V M Levin, L. I. Figotin Priborostroenie no 7 3-5 Jl '61

Measuring the rate of flow of fluids by means of nuclear resonance. A. I. Zhernovoi. Priborostroenie no 7. 6-7 Jl '61.

Precise measurement of power at audio frequencies. D. D Khill Sbor. rab. po vop elektromekh no. 5 298-307 '61.

Static power converters; a survey. G. N. Del'ving. Sbor. rab. po vop elektromekh no. 5 307-321 '61.

Turichin, A. M. [Electric measurements; general course] Elektricheskie izmereniia, obshchii kurs. Moskva, Gos. energ. izd-vo, 1961. 337 p.

ELECTRIC MEASUREMENTS—STUDY AND TEACHING

Training students of electric engineering in the field of electric measuring equipment. A. M Turichin. Izm. tekh. no 7 58-60 Jl '61

ELECTRIC METAL CUTTING

Broadening technological potentialities of electric-pulse machining. A. L Livshits, A. B. Sosenko. Priborostroenie no. 7. 19-21 Jl '61.

Gutkin, B. G., and I. P. Grigorchuk. [Electric spark machining of metals] Elektrokontaktnaia obrabotka metallov. Pod obshchei red. L. IA. Popilova. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 46 p. (Bibliotechka elektrotekhnologa i ul'trazvukovika, no. 5)

Mechanism of the electric erosion of metals in a liquid dielectric medium. B. N. Zolotykh. Zhur. tekh. fiz. 29 no. 12-1484-1486 D '59.

Mechanism of the erosion of metals caused by an electric pulse discharge. I. G Nekrashevich, I. A. Bakuto. Sbor. nauch. trud. Fiz. -tekh inst. AN BSSR no. 6-193-215 '60

Popilov, L. IA. [Electric and ultrasonic treatment; reference manual] Elektricheskaia i ul'trazvukovaia obrabotka, spravochnoe posobie. Moskva, Gos. nauchno tekhn. izd-vo mashinostroit. lit-ry, 1960. 135 p. (Bibliotechka elektrotekhnologa i ul'trazvukovika, no. 1) [MICROFILM]

Wear of electrode tools made of a graphitized material caused by electric pulse cutting of metals A S Zingerman, A. L. Livshits, A I Aronov. Stan i instr 32 no. 5-20-22 Je '61.

ELECTRIC METAL CUTTING—EQUIPMENT AND SUPPLIES

New nozzles for gas-arc cutting of metals. I. V. Variamov. Svar. proizv. no. 7-34-35 Jl '61.

ELECTRIC METERS

Characteristics of some electric meters. M. Kh. Shtiamovich. Izm. tekh. no. 7-33-36 Jl '61.

Device for measuring resistance of ground wires. D. L Dobrunov Bezop. truda v prom. 5 no. 6-26 Je '61.

The N373-3 portable recording device for measuring stray currents in underground communications. V. L. Gavriushin. Biul. tekh. -ekon. inform. no. 6-47 '61.

ELECTRIC MOTORS—STANDARDS

Standardizing electric actuating mechanisms B. S. Korenevskii, IU. N. Novoselov Standartizatsiia 25 no. 6-22-24 Je '61.

ELECTRIC MOTORS—TESTING

Investigating the power used by electric motors in dragging. V. I. Sokolovskii, V S Gashukov, D. T. Ankudinov. Trudy Ural. politekh. inst. no. 104 174-180 '61.

ELECTRIC MOTORS, DIRECT CURRENT

Frequency-phase stabilizer of the rotation speed for low-power d.c. motors. IU. V. Levi, A. A. TSvetkov. Priborostroenie no. 6-12-13 Je '61

ELECTRIC RESISTANCE

Constant metallized and carbon resistances. B. M. Putilovskii. Avtom., telem. i sviaz' 5 no. 4:41-44 Ap '61.

ELECTRIC RESONATORS

Calculation of the natural frequencies of resonators with complex shapes in cylindrical functions. A. IA. IAshkin. Radiotekhnika 16 no. 5:35-46 My '61.

Equalization of the accelerating field in the "long" resonator of a linear heavy-particle accelerator [with summary in English]. L. I. Bolotin, V. O. Bomko, E. I. Revuts'kyi. Ukr. fiz. zhur. 6 no. 2:163-167 Mr-Ap '61.

High-frequency characteristics of the "long" resonator of a linear heavy-particle accelerator [with summary in English]. L. I. Bolotin, V. O. Bomko, IE. I. Revuts'kyi. Ukr. fiz. zhur. 6 no. 2:157-162 Mr-Ap '61.

Intercoupling effects between a cavity resonator and a ferrite. A. L. Mikaelian, V. IA. Anton'iants, IU. G. Turkov. Radiotekh. i elektron. 6 no. 7:1184-1193 Jl '61.

Requirements of amplitude and phase stability of the fields in the cavities of a linear accelerator. A. P. Fedotov, V. A. Teplitskov. Radiotekh. i elektron. 6 no. 7:1205-1206 Jl '61.

ELECTRIC RHEOSTATS

Change the resistance of the variable rheostats. L. A. Kim. Avtom., telem. i sviaz' 5 no. 5:40 My '61.

ELECTRIC SUBSTATIONS see subdivision under Leningrad

ELECTRIC SWITCHGEAR

Analysis of the operation of a thyratron switch. V. V. Imedadze, A. G. Lekvinadze. Trudy Inst. elek., avtom. i telem. AN Gruz. SSR 1:93-103 '60.

Automatic saving of electric power. B. Ivanov, IUn. tekh. 5 no. 3:3-6 Mr '61.

Automatic switch. V. Mel'ko. Tyl i snab. Sov. Voor. Sil 21 no. 3:90-91 Mr '61.

Automatic switchgear of drilling machines. P. Vogin, A. Sidel'nikov. Tekh. v sel'khoz. 21 no. 6:76 Je '61.

ELECTRIC TRANSFORMERS

Nonsymmetrical stationary conditions of three-phase transformers. A. A. Inogamov. Izv. AN Uz. SSR Ser. tekh. nauk no. 3:17-26 '61.

Study of the impulse electric strength of transformer oil and discharge voltages on the surface of certain dielectrics in transformer oil. N. I. Vorob'ev. Izv. vys. ucheb. za., energ. 4 no. 5:25-31 My '61.

The TS-300 transformer for welding machines. Prom. Arm. 4 no. 1:37 Ja '61.

Tir, L. L. [Transformers for high-frequency induction heating systems] Transformatory dlia ustanovok induktsionnogo nagreva povyshennoi chastoty. Moskva, Gos. energ. izd-vo, 1961. 238 p.

Use of terminal transformers for half-wave tuning of an electric power transmission line. D. G. Kolotilova. Trudy Transp.-energ. inst. Sib. otd. AN SSSR no. 11:59-66 '60.

ELECTRIC TRANSFORMERS—MAINTENANCE AND REPAIR

Aptov, I. S., and M. V. Khomiakov. [Maintenance of insulating oil] Ukhod za izolitatsionnym maslom. Moskva, Gos. energ. izd-vo, 1960. 70 p. (Biblioteka elektromontera, no. 27)

ELECTRIC UTILITIES

Be pioneers in electric power savings. N. Chumakov. IUn. tekh. 5 no. 3:2-3 Mr '61.

ELECTRIC WAVES—DIFFRACTION

Symposium on wave diffraction. B. D. Tarlakovskii. Usp. fiz. nauk 74 no. 2:369-379 Je '61.

ELECTRIC WELDING

(see also subdivision under Gomel')

Automatic welding with the TC-32 welder. G. Mitrokhin. Mor. flot 21 no. 2:34-35 F '61.

Butt welding of thermoplastic films by heat pulsation. A. D. Dudnikov. Svar. proizv. no. 6:30-32 Je '61.

[Electric welder's handbook] Spravochnik elektrosvarshchika. Izd. 3., perer. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 748 p.

Electrostatic percussion welding of the frame for two-passenger seats of the PAZ-651 motorbus. M. M. Novokreshchenov, L. I. Podvol'skii. Avt. prom. 27 no. 6:35-36 Je '61.

Heat cycle during welding and hard facing of sheets with spaced arcs. V. A. Shchanov. Svar. proizv. no. 6:12-15 Je '61.

Kabanov, N. S., and E. Sh. Slepak. [Technology of resistance butt welding] Tekhnologiia stykovoi kontaktnoi svarki. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 249 p.

Melting of electrodes and the self-regulation of arcs with periodic closing of the arc gap. IU. L. Ishchenko, N. G. Diurgerov. Svar. proizv. no. 6:9-12 Je '61.

Programing the operation of multielectrode spot welding machines. B. K. Shchukin. Sbor. rab. po vop. elektromekh. no. 5:98-107 '61.

Relationship between life and science. A. Ulesov. NTO 3 no. 6:32-35 Je '61.

Remote control of welding current. M. M. Radyzhenskii. Sudostroenie 27 no. 6:66 Je '61.

Russia (1923- U.S.S.R.) Komitet po nadzoru za bezopasnym vedeniem rabot v promyshlennosti i gornomu nadzoru. [Rules for the testing of electric welders and gas welders] Pravila ispytaniia elektrosvarshchikov i gazosvarshchikov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 19 p.

Selecting the electrode wire for building up truck-tractor parts by automatic pulsation welding. V. S. Ibragimov. Dokl. TSKhA no. 66:271-280 '61.

Self-propelled unit for welding rail joints and supplying electric power to high-frequency power tools. G. P. Tarakanov. Biul. tekh.-ekon. inform. no. 6:48-49 '61.

Semiautomatic open-arc welding. A. Nemtsev. Mor. flot 21 no. 3:28-29 Mr '61.

The VSN-5 electrodes for welding unturnable butts of pipes made of Kh18N12M2T steel. L. P. Bakhrakh, L. S. Livshits. Biul. tekh.-ekon. inform. no. 6:23-24 '61.

What an electric welder should know. Sel'. mekh. no. 6:25 '61.

ELECTRIC WELDING—EQUIPMENT AND SUPPLIES

Butt welding of pipes on a removable padding. V. A. Shurygin. Svar. proizv. no. 6:25-28 Je '61.

Changing the dingram for switching-on the current of the MTP-75 machine. V. F. Baikov. Svar. proizv. no. 6:39 Je '61.

Equipment for the automatic condenser-discharge welding of electric lamp spiral leads to the base. N. G. Riabokon', L. V. Gal'chinskii, V. V. Rybakov. Svar. proizv. no. 6:23-25 Je '61.

Highly efficient electrodes with iron powder and coatings and their melting characteristics. I. M. Vagapov, I. N. Vornovitskii. Svar. proizv. no. 7:22-25 Jl '61.

The MSL-500-4 and MSL-800 machines for butt welding of strips. L. V. Glebov, A. N. Ershov. Biul. tekh.-ekon. inform. no. 5:22-26 '61.

Semiautomatic machine for welding spirals to bore rods. A. F. Sorkin, V. A. Antonov. Svar. proizv. no. 7:35-37 Jl '61.

ELECTRIC WELDING—HYGIENIC ASPECTS

Leningradskii dom nauchno-tekhnicheskoi propagandy. [Harmless LPI-2 flux for automatic and semiautomatic welding] Bezvrednyi flius LPI-2 dlia avtomaticheskoi i polumvtomaticheskoi svarki. Leningrad, 1954. 5 p. (Informatsionno-tekhnicheskii listok, no. 12(585))

ELECTRIC WELDING—PERIODICALS

"Avtomaticheskaia Svarka" journal. Svar. proizv. no. 7:41 Jl '61.

ELECTRIC WELDING—SAFETY MEASURES

Improve work safety of electric welding operators. G. F. Medvednikov. Bezop. truda v prom. 5 no. 7:32 Jl '61.

Profsoiuz rabochikh mashinostroeniia, TSentral'nyi komitet. [Safety engineering regulations and industrial hygiene in electric-welding operations] Pravila tekhniki bezopasnosti i proizvodstvennoi sanitarii pri elektrosvarochnykh rabotakh. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 38 p.

Tumanov, B. V. [Safety information for electric welders] Pamiatka po tekhnike bezopasnosti dlia elektrosvarshchikov. Moskva, Gos. energ. izd-vo, 1960. 19 p.

ELECTRIC WIRE

Electromagnetic field and current distribution in an infinitely long noninsulated conductor submerged in a conductive medium. P. P. Pavlov. Radiotekh. i elektron. 6 no. 7:1109-1115 Jl '61.

New heat-resistant high-frequency wires. M. Markosian, G. Arzumanian. Prom. Arm. 4 no. 3:36-39 Mr '61.

ELECTRIC WIRING, INTERIOR

Effective methods of electric wiring in large-panel buildings. V. K. Andreoletti. Strol. i arkhit. Len. 23 no. 4:24-26 Ap '61.

Electric wiring in a house made of three-dimensional blocks. A. Kukuev, E. Estrin. Strol. i arkhit. 9 no. 5:32-33 My '61.

ELECTRIC WIRING, INTERIOR—SAFETY MEASURES

Electric lighting systems in paint shops and drying and impregnating departments. I. IA. Pikman. Svetotekhnika 7 no. 5:11-13 My '61.

Letter to the editor. G. M. Knorring. Svetotekhnika 7 no. 5:14 My '61.

ELECTRICITY IN AGRICULTURE

Contribution of power engineers to agriculture. A. M. Ganelin. Mekh. i elek. sots. sel'khoz. 19 no. 3:64-3 of cover '61.

Furnish more electricity to agriculture. Elek. i tepl. tiaga 5 no. 4:3-4 Ap '61.

Possibilities for using high-frequency electric motors on livestock farms. IU. I. Kramorov, IU. A. Semenink. Mekh. i elek. sots. sel'khoz. 19 no. 3:46-48 '61.

Present state of farm electrification and possibilities for its development. A. IA. Mel'nikov. Dokl. TSKhA no. 66:5-12 '61.

Use of electronic and semiconductor apparatus in agriculture. G. Vartanian. Prom. Arm. 4 no. 4:24-26 Ap '61.

ELECTRICITY IN FORESTRY

Electric power supply for lumbering enterprises. V. I. Mel'nikov, V. E. Pechenkin. Les prom. 39 no. 5:31 My '61.

ELECTRICITY IN MINING

Epifanov, D. E. [Protective grounding of electric systems in mining] Zashchitnye zazemleniia elektricheskikh ustanovok v gornorudnoi promyshlennosti. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 161 p.

Poddubnyi, S. A. [Cable work in mines] Montazh shakhtnykh kabel'nykh linii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 185 p.

ELECTRICITY ON SHIPS

All-Union conference on the automatization of electric power plants on seagoing merchant ships. Mor. flot 21 no. 1:33-34 Ja '61.

Gorelelchenko, V. K., V. L. Lychkovskii, and IU. A. Reingol'dt. [Electrical equipment of ships and river transportation enterprises] Elektrooborudovanie sudov i predpriiatii rechnogo transporta. Leningrad, Izd-vo M-va rechnogo flota SSSR, 1960. 520 p.

Reliability of the electric circuits for power supply to ship mechanisms. S. Brusov. Mor. flot 21 no. 3:23-25 Mr '61.

ELECTRICITY ON SHIPS—BIBLIOGRAPHY see Bibliography—Electricity on ships

ELECTRIFICATION see subdivision under Czechoslovakia; Ukraine

ELECTRIFICATION—CONGRESSES

Conference on electrification. Svetotekhnika 7 no. 5:27-28 My '61.

ELECTRIFICATION, RURAL see Rural electrification

ELECTRIFICATION OF RAILROADS see Railroads—Electrification

ELECTROCAPILLARY PHENOMENA

Electrocapillary motion of sulfides in oxide melts. V. V. Khlynov, O. S. Esin, IU. P. Nikitin. Izv. vys. ucheb. zav.; khim. i khim. tekh. 4 no. 1:53-56 '61.

ELECTROCARDIOGRAPHY

Effect of special diet and its individual components (proteins and carbohydrates) on myocardial function according to data from electrocardiograms of patients with coronary insufficiency [with summary in English] V. A. Morozova. Vop. pit. 20 no. 3:18-22 My-Je '61.

Effect of temporary asphyxia on EKG changes caused by ligation of the coronary artery [with summary in English]. P. P. IAsinovskaia. Pat. fiziol. i eksp. terap. 5 no. 3:15-19 My-Je '61.

"Electrocardiograms of children in normal and certain pathological states" by M. N. Petrenko, R. IA. Pis'mennyi. Reviewed by I. A. Kresikova. Sov. med. 25 no. 4:155-156 Ap '61.

Electrocardiographic data on vibration sickness [with summary in English] V. G. Artamonova. Trudy LSGMI 61:77-85 '60.

Reproduction of the electrocardiogram by an electronic model system. I. T. Akulinichev and others. Biofizika 4 no. 5:589-594 '59.

Simultaneous registration of pulse frequency and electromyographic data on a magnetic tape in physiological studies. A. Mikiska. Fiziol. zhur. 47 no. 4:524 Ap '61.

ELECTROCHEMICAL ANALYSIS

Variation of submicroporosity in electrolytic metallic films during heating and under load. B. IA. Pines, R. I. Kuznetsova. Fiz. tver. tela 3 no. 5:1475-1484 My '61.

ELECTROCHEMISTRY

Effect of alkali metal cations on hydrogen overvoltage on mercury in acid solutions. E. A. Mazniichenko, B. B. Damaskin, Z. A. Iofa. Dokl. AN SSSR 138 no. 6:1377-1380 Je '61.

Electrical double layer at the boundary of amorphous bodies created by donor-acceptor molecular link. V. P. Smilga. Dokl. AN SSSR 138 no. 5:1147-1150 Je '61.

ELECTRODES

Electrode properties of a scandium membrane electrode. A. P. Samodelov. Izv. Sib. otd. AN SSSR no. 4:43-47 '61.

Hard facing of coupling locks by means of a lying lamellar electrode. R. A. Gutman. Svar. proizv. no. 6:36-37 Je '61.

Manufacture of electrodes without preliminary passivation of ferroalloys. A. A. Fil'chakov. Svar. proizv. no. 6:35-36 Je '61.

Mechanism of the electric erosion of metals in a liquid dielectric medium. B. N. Zolotykh. Zhur. tekh. fiz. 29 no. 12:1484-1486 D '59.

Over-all mechanization of a division producing metal electrodes. A. G. Koron. Strol. i dor. mash. 6 no. 5:37-38 My '61.

The VSN-5 electrodes for welding unturnable butts of pipes made of Kh18N12M2T steel. L. P. Bakhrakh, L. S. Livshits. Biul. tekh.-ekon. inform. no. 6:23-24 '61.

ELECTRODES, CARBON

Angelevich, M.M. [Carbon electrodes and graphitized products] Uglerodistye elektrody i grafitirovannye izdelita Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 126 p.

ELECTRODES, IRON

Study of the surface of an iron electrode by measuring the potential drop after the break of current flow. V. V Sobol', Z. A Iofa. Dokl. AN SSSR 138 no 5 1151-1154 Je '61

ELECTRODYNAMICS

Electrodynamics of media with spatial dispersion. A. A. Rukhadze, V P. Silin Usp. fiz. nauk 71 no. 2 223-267 Je '61

ELECTROENCEPHALOGRAPHY

Alpha and beta waves in the electrical activity of the cerebral cortex [with summary in English]. G A. Shminke. Zhur. vys. nerv deiat. 11 no 2 245-248 Mr-Ap '61.

Changes in the electrical activity of the brain in children after school lessons [with summary in English]. IU. M. Pratusevich, N N. Korzh. Gig. i san. 26 no. 1 44-50 Ja '61.

Dynamics of electrical potentials of the human cerebral cortex during hypnosis with different types of rapport [with summary in English]. A I Maiorova. Zhur. vys. nerv. deiat. 11 no. 2 231-236 Mr-Ap '61.

Electroencephalographic analysis of the mechanism of closing of a temporary connection [with summary in English]. R. B Mnukhina. Zhur. vys. nerv. deiat. 11 no. 2 345-352 Mr-Ap '61.

Electroencephalography in disorders of binocular vision. A. N Dobromyslov. Zdravookhranenie 2 no. 4, 43-45 Jl-Ag '59.

Electrophysiological analysis of the pathogenesis in tetanus intoxication [with summary in English]. N K Semenov, A N. Razumeev Zhur. mikrobiol. epid. i immun 32 no. 5 100-105 My '61

Electrophysiological studies on the mechanism of action of aminazine [with summary in French]. L. G. Voronin and others. Zhur. nevr. i psikh. 61 no. 2, 208-217 '61.

Irradiation of the nervous processes in the cortex of the human brain [with summary in English]. Tsiui Chzhi-pin [Ch'iu Chih-p'ing]. Zhur. vys. nerv. deiat. 11 no. 2 225-232 Mr-Ap '61.

Results of electroencephalographic studies on patients with a paranoid form of schizophrenia during treatment with aminazine. Report No. 2 [with summary in English]. N. IA. Belen'kaia. Zhur. nevr. i psikh. 61 no. 2, 218-227 '61.

Studies on electrical activity changes in the cerebral cortex in patients with depressive states during treatment with imizin (tofranil) [with summary in French]. F. A. Ivanovich. Zhur. nevr. i psikh. 61 no. 2, 186-200 '61.

Technology of using "AKR-7" plastic in making an electrode holder for recording cerebral currents. V. G. Fikhonov. Fiz. fiziol. i eksp. terap. 5 no. 1:70-72 Ja-F '61.

ELECTROFORMING

Electroforming of wave-guide devices by a galvanoplastic method A I. Brodskii Trudy inst. Kom. stand., mer i izm. prib no 48, 96-106 '60

New method of investigating electrodeposition alloys. V. M Kochegarov. Izv. vys. uch. zav., khim. i khim. tekh. 3 no. 2:335-336 '60.

ELECTROLYSIS

Demonstration of the movement of ions and electrolysis A. V. Postnikov. Khim v shkole 16 no 2 62-63 Mr-Ap '61

Semiautomatic indicator for the electrolytic bath. A. S. Andreev. Dokl TSKhA no 66 37-40 '61

ELECTROLYSIS—EQUIPMENT AND SUPPLIES

Alternating current device for the continuous oxide coating of anode foil used in electrolytic condensers. M. M. Lerner Izv. vys. uchab. zav., energ. 4 no 5: 10-45 My '61.

Current efficiency and voltage in a diaphragm-type bath of considerable height. A. T. Kolotukhin, E. V. Mulin. Khim. prom. no. 5:313-316 My '61.

ELECTROLYTE SOLUTIONS

Studying the electrolytic solution of chlorine and hydrogen chloride on passive electrodes. L E Ivanovskii and others Izv. Sib otd. AN SSSR no 4 48-53 '61.

Theory of polyelectrolyte solutions. Part 1: Dimensions of polyelectrolyte molecules with a low degree of ionization [with summary in English]. O. B. Ptitsyn. Vysokom. soed. 3 no. 7 1084-1090 Jl '61.

ELECTROLYTES

Rectifying properties of the electrolyte-semiconductor (tungsten oxide) contact [with summary in English]. O. T. Vas'ko. Dop. AN URSR no. 6:766-768 '61.

ELECTROLYTIC POLISHING

Leningradskii dom nauchno-tekhnicheskoi propagandy. [Silvering and gilding by means of electropolishing] Serebrenie i zolochenie izdelii metodom elektrotsirkuliatsiia. Leningrad, 1954. 3 p. (Informatsionno-tekhnicheskii listok, no. 31(604))

ELECTROMAGNETIC PROSPECTING

Experimental study of the specific features of the method of a rotating magnetic field IU B Shamb Izv. AN SSSR, Ser. geofiz. no. 7, 1015-1021 Jl '61.

Interpreting the anomalies of dipole electromagnetic profiling V Kh Zakharov Izv. vys. uchab. zav., geol i razv 4 no 3 102-106 Mr '61

ELECTROMAGNETIC WAVES

Boundary conditions for electromagnetic waves on the surface of optically active crystals. IU. A TSvirko, M. A Tolmazina. Fiz. tver. tela 3 no. 5 1393-1398 My '61.

Calculation of the phase velocity of waves in an artificial metaldielectric with consideration of current harmonics on the elements of the structure. L. S. Benenson. Radiotekh. i elektron. 6 no. 7:1128-1135 Jl '61.

Disturbance produced by a body moving in plasma [with summary in English]. L P Pitaevskii, V Z Kreain Zhur. eksp. i teor. fiz. 40 no. 1 271-281 Ja '61.

Electromagnetic field and current distribution in an infinitely long noninsulated conductor submerged in a conductive medium. P. P. Pavlov. Radiotekh. i elektron. 6 no. 7 1106-1115 Jl '61.

Measurement of radial conductances of axial-symmetrical systems with inductive walls. L. V Kasatkin Radiotekh i elektron. 6 no. 6 934-942 Je '61

Preparing water in an electromagnetic filter. M. Umanskii Sel'. stroi 16 no 5:28 My '61.

Problems concerning the theory of refraction of electromagnetic waves. V. I. Ivanchikov. Radiotekh. i elektron. 6 no. 7:1100-1105 Jl '61.

Propagation of electromagnetic waves over a gyrotropic medium. M D. Khaskind. Radiotekh i elektron 6 no. 6:886-894 Je '61.

Propagation of sound and electromagnetic waves in half-space. M. D. Khaskind Akust. zhur. 5 no. 4:464-471 '59.

Wave propagation in nonlinear lines with dispersion. R. V. Khokhlov. Radiotekh. i elektron. 6 no. 7: 1116-1127 Jl '61.

ELECTROMAGNETIC WAVES—DIFFRACTION

Diffraction of a flat electromagnetic wave on an ideally conducting round disk. K. A Lur'e. Zhur. tekh. fiz. 29 no. 12:1421-1433 D '59.

ELECTROMAGNETISM

Effect of seaming changes of specific weight of a liquid metal induced by electromagnetic forces. L. A. Vertc TSvet. met. 34 no. 6 61-64 Je '61.

ELECTROMECHANICAL ANALOGIES

Automatic optimization of space distribution. Part 2 [with summary in English]. L. N. Fitsner. Avtom. i telem. 22 no. 7:857-864 Jl '61.

Digital analogs on shift registers with logic feedback. B. L. Ermilov, A N Radchenko Sbor. rab. po vop elektromekh. no. 5:39-53 '61.

The role of analogy in present-day natural sciences E. I. Rozenberg. Trudy Nov inzh.-stroi inst 9 225-233 '59.

ELECTROMETALLURGY
(see also subdivision under Elektrostal')

Prompted by life. V. Burov. Sov. profsoiuzy 17 no. 12 9-10 Je '61.

ELECTROMOTIVE FORCE

Determining the thermodynamic properties of zinc in small concentrations in the system zinc-lead. G. V. Kim and others. Izv. AN Kazakh. SSR. Ser. met., obog i ogneup. no. 1:20-26 '61.

Investigation of processes in the interaction of chromium oxide with silicon, manganese and iron by the electromotive force method. V. I Orlov and others Izv. vys uchab. zav., chern. met. 1 no 5 28-36 '61.

Refinement of the method for determining electrokinetic potential [with summary in English]. O. L. Alekseiev, F. D. Ovcharenko. Dop. AN URSR no. 6:763-765 '61.

Structure and electromotive force of photovoltaic layers of lead sulfide produced by sublimation under vacuum. R. IA. Berlaga, M. I. Rudenok. Izv. AN SSSR. Ser. fiz. 25 no. 6:739-741 Je '61.

ELECTROMYOGRAPHY

Simultaneous registration of pulse frequency and electromyographic data on a magnetic tape in physiological studies. A. Mikiska. Fiziol. zhur. 47 no 4:524 Ap '61.

ELECTRON BEAMS

Electron beam in a helical wave guide (taking the size of the helix into consideration). B. V. Kondrat'ev. Zhur. tekh. fiz. 29 no. 12:1477-1480 D '59.

Electron beam melting. A. M. Suvorov. Lit. proizv. no. 6: 24-26 Je '61.

Electron beam on a coaxial helical line (taking into consideration the geometrical dimensions of the helix) [with summary in English]. B. V Kondrat'iev. Ukr. fiz. zhur. 6 no. 1:77-85 Ja-F '61.

Focusing of the electron beam by a periodic electrostatic field in a traveling-wave tube. A. L. Igritskii. Radiotekh. i elektron. 6 no. 6:964-976 Je '61.

Geometric parameters of ionically focused electron beams. I. L. Bakhrakh, IU D Zharkov Radiotekh. i elektron 6 no. 6 976-981 Je '61.

ELECTRON DIFFRACTION EXAMINATION

Electronographic investigation of the substructure of fine condensates of aluminum by the microbeam method L. S Palatnik and others Fiz. met i metalloved. 11 no 6 861-869 Je '61

Important problems in the theory of modern electron-diffraction structure study; survey. B K Vainshtein and others. Zav. lab 27 no. 6, 673-682 '61

ELECTRON GAS

Deducing the quantum analog of a kinetic equation for a strong magnetic field M I Klinger. Fiz tver. tela 3 no. 5:1354-1365 My '61.

ELECTRON MICROSCOPE

Achromatization of lenses in multiple-lens magnetic electron microscopes P A Stoianov. Izv. AN SSSR. Ser fiz. 25 no. 6 672-675 Je '61.

Design of magnets for the excitation of lenses of magnetostatic electron microscopes. G V Der-Shvarts, V. P Rachkov. Izv AN SSSR Ser. fiz. 25 no 6 676-679 Je '61.

Electron-microscopic study of semiconductor whiskers. I G Strotenko and others. Izv AN SSSR. Ser. fiz. 25 no 6 735-738 Je '61.

High-stability high-voltage source. A. V. Iz"ilunov. Izv. AN SSSR Ser. fiz. 25 no 6, 768-771 Je '61.

Investigation of certain types of photographic plates suitable for taking pictures with an electron microscope. I S Renskii, P. A. Stoianov Izv. AN SSSR. Ser. fiz. 25 no 6, 757-759 Je '61.

Investigation of the magnetic conductors of electron microscope lenses. P A Stoianov, L. IU. Vol'fson. Izv. AN SSSR. Ser. fiz. 25 no. 6 717-720 Je '61

Magnetic objective lens for an emission electron microscope. A. M. Rozenfel'd, P. V. Zaitsev Izv. AN SSSR. Ser fiz. 25 no. 6:713-716 Je '61.

Method of the gas microchamber in electron microscopy. I. G Stoianova. Izv. AN SSSR. Ser. fiz. 25 no. 6 701-706 Je '61.

Mirror-type electron microscope for studying surface structures G. V. Spivak and others. Izv. AN SSSR. Ser. fiz. 25 no 6:683-690 Je '61.

Modernizing the UEM-100 microscope. G. V. Der-shvarts and others. Izv AN SSSR. Ser. fiz. 25 no. 6:721-724 Je '61.

Obtaining replicas from cross sections of thin layers. R IA Berlaga, M. I. Rudenok. Fiz. tver tela 3 no. 2 625-626 F '61

Optics of EM-5 and EM-7 electron microscopes. V. N. Vertsner and others. Izv. AN SSSR. Ser. fiz. 25 no. 6: 680-682 Je '61.

Pitiankevich, A. N. [Techniques of electron microscopy; teaching methods] Praktika elektronnoi mikroskopii, metody prepatirovaniia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 175 p.

Power source of microscope lenses having a resolving power of 5 Å. V. V. Polivanov, R. V Pogudina, V. V. Il'in. Izv. AN SSSR. Ser. fiz. 25 no. 6:772-775 Je '61

ELECTRON MICROSCOPY

Comparative study of the morphology of phage particles by shading and negative contrasting in phosphotungstic acid. A S. Tikhonenko. Biofizika 6 no. 3:372-373 '61.

Electron-microscopic observation of magnetic microfields with the aid of replicas. L. V. Lazareva, G. V. Spivak. Izv. AN SSSR. Ser. fiz. 25 no. 6:742-747 Je '61.

Method of preparing quartz film for electron microscopy in connection with the study of the fine structure of erythrocytes. A. I Polivoda, IU P Vinetskii. Biofizika 4 no. 5:590-601 '59

ELECTRON MICROSCOPY—CONGRESSES

Third All-Union Conference of Electron Microscopy. A. A. Avakian. Vop virus. 6 no. 2:246-248 Mr-Ap '61.

ELECTRON OPTICS

Aberration in electron-optical systems. P. P. Kaslankov, K. P. Dutova. Izv. AN SSSR. Ser. fiz. 25 no. 6:665-667 Je '61.

Calculating the fields of electron lenses. A. G. Vlasov, D. M. Krupp. Izv. AN SSSR. Ser. fiz. 25 no. 6, 662-664 Je '61.

Elementary photographic processes in an electric field. A. L. Kartuzhanskii. Usp. fiz. nauk 73 no. 3, 471-502 Mr '61.

Mathematical formulation of problems on corpuscular optics with consideration of the space charge. V. M. Breitman, V S. Kuznetsov Radiotekh. i elektron 6 no. 6:903-908 Je '61

Optics of electron probe systems. G. G. Dutov. Izv. AN SSSR. Ser. fiz. 25 no. 6:668-671 Je '61.

ELECTRON-TUBE VOLTMETER

Use of a diode voltmeter for measuring high-frequency voltage pulses. M. M. Levin Trudy inst. Kom. stand., mer i izm. prib. no. 48:109-115 '60.

Use of a diode voltmeter for measuring nonsinusoidal voltages. M. M. Levin, L. M. Piatigorskii. Trudy inst Kom. stand., mer i izm. prib. no. 48 116-123 '60.

ELECTRONIC ANALOG COMPUTERS

Digital analogs on shift registers with logic feedback. B. L. Ermilov, A. N. Radchenko. Shor. rab. po vop elektromekh no. 5 39-54 '61.

ELECTRONIC APPARATUS AND APPLIANCES

Device for stabilizing the amplitude of high-frequency voltages. A. A. L'vovich. Radiotekhnika 16 no. 6 61-69 Je '61.

Geometric parameters of ionically focused electron beams. L. D. Bakhrakh, Iu. D. Zharkov. Radiotekh. elektron. 6 no. 6 976-981 Je '61.

ELECTRONIC APPARATUS AND APPLIANCES—EXHIBITIONS

Awarding of the participants of the Exhibition of Achievements of the National Economy of the U. S. S. R. Vest. sviazi 21 no. 5:23 My '61.

ELECTRONIC CALCULATING MACHINES

Algorithms of digital analogs reproducing parabolic functions. A. R. Garbuzov. Shor. rab. po vop. elektromekh. no. 5:53-62 '61.

Analysis of the operation of a thyratron switch. V. V. Imedadze, A. G. Lekvinadze. Trudy inst. elek., avtom. i telem. AN Gruz. SSR 1:93-103 '60.

Automatic control systems for Air Force support units in the United States. N. Alekseev. Tyl i snab. Sov. Voor. Sil 21 no. 1:90-93 Ja '61.

Concerning a certain method for the automatic search of an extremum function with multiple variables [with summary in English]. K. B. Norkin. Avtom. i telem. 22 no. 5:618-623 My '61.

Constructing nomograms on the "Ural" machine. M. V. Pentkovskii, G. K. Rozhok. Vest. AN Kazakh. SSR 17 no. 5:31-36 My '61.

Reinov, M. N., and V. I. Bregman. [Engineering calculations on an electronic computer] Inzhenernye raschety na elektronnom vychislitele. Leningrad, Gos. soiuznoe, izd-vo sudostroit. promyshl., 1961. 130 p.

Shift registers and binary counters using ferrites and transistors. V. V. Imedadze, I. P. Palladze. Trudy Inst. elek., avtom. i telem. AN Gruz. SSR 1:65-91 '60.

Transient operating conditions in filling the memory of computers for statistical pattern reproduction. B. S. Fleishman. Radiotekh. i elektron. 6 no. 7:1041-1048 Jl '61.

Use of the self-analysis method for simulating the memory filling process in an electronic computer. V. A. Zlatitskii. Radiotekh. i elektron. 6 no. 7: 1049-1054 Jl '61.

Using high-speed electronic calculating machines in designing industrial and public buildings. V. K. Kabulov. Izv. AN Uz. SSR. Ser. tekh. nauk no. 3:66-70 '61.

ELECTRONIC CONTROL

(see also subdivision under United States)

Automatic controller of grain drying. D. G. Segeda. Mekh. i avtom. proizv. 15 no. 6:46-48 Je '61.

Automatic inspection of pipes. G. M. Kukhtevich, N. A. Litvinenko, Iu. N. Russkevich. Mekh. i avtom. proizv. 15 no. 6:21-23 Je '61.

Control of a slag-granulating unit. P. I. Akinin, IA. P. Gindis. Mekh. i avtom. proizv. 15 no. 6:17-18 Je '61.

Dispatching of intershop conveying of liquid products at petroleum refineries. I. V. Morel', O. I. Paskovatyi. Mekh. i avtom. proizv. 15 no. 6:8-10 Je '61.

New circuits for fault signaling. Iu. N. Chekhovol. Priborostroenie no. 6:19-21 Je '61.

The RU4-16A advancing isodromic universal automatic controller. N. F. Mel'chakov. Priborostroenie no. 7: 16-19 Jl '61.

Reversible follow-up system for remote transmission of stresses and displacements. B. G. Sirazitdinov, D. I. Zubkov. Izv. vuz. mekh. sov., prib. 4 no. 3:34-

Present-day trends in the development of dispatcher control systems using digital computers [with summary in English]. IA. A. Kupershmidt, V. S. Malov, I. M. Shenbrot. Avtom. i telem. 22 no. 7:951-956 Jl '61.

Transformation of grid coordinates into geographical coordinates and vice versa by the use of electronic digital computers. Iu. A. IAkovlev. Izv. vys. ucheb. zav., geod. i aerof. no. 1:59-64 '61.

Use of an electronic computer for automating the process of statistical treatment of radio signals. A. V. Prosin, I. P. Igoshev, I. P. Levshin. Radiotekhnika 16 no. 5:64-70 My '61.

ELECTRONIC INSTRUMENTS

Automatic electron regulator to control the density of foundry mold ramming. L. M. Zarubin. Lit. proizv. no. 3:18-19 Mr '61.

Device for measuring large diameters. V. A. Truten', T. A. Truten'. Stan. i instr. 32 no. 8:34-36 Je '61.

Devices for automatic measurement of moisture content. D. Ogenesian. Prom. Arm. 4 no. 3:24-28 Mr '61.

Electronic device for recording angular displacements. B. Z. Votlokhin. Priborostroenie no. 7:29-30 Jl '61.

Electronic system of automatic high-speed counters. R. I. Silin. Priborostroenie no. 6:22-23 Je '61.

Measuring true horse power of internal combustion engines. R. G. Karpov. Izv. vys. ucheb. zav., prib. 4 no. 3:24-33 '61.

Noncontact automatic weighting devices. B. A. Barskii. Prom. aerodin. no. 19:68-73 '60.

Portable magnetoelectronic vibrograph. V. IA. Volodin. Prom. aerodin. no. 19:74-77 '60.

Universal unit for automatic regulation of humidity and of the concentration of acid and salt medium. G. Vartanian. Prom. Arm. 4 no. 2:33-35 '61.

ELECTRONIC MEASUREMENTS

Analysis of the errors of a microcalorimeter with a circulating liquid. V. I. Pronenko. Trudy inst. Kom. stand., mer. i izm. prib. no. 48:24-41 '60.

Electron-optical measurement of electric and magnetic microfields on surfaces. N. N. Sedov, G. V. Spivak, N. F. Isaeva. Izv. AN SSSR, Ser. fiz. 25 no. 6:725-729 Je '61.

Measurement of asymmetry coefficients. G. A. Arkhangelskii. Vest. sviazi 21 no. 3:11-12 Mr '61.

Standard self-balancing direct-current bridge using thermistors. L. M. Zaks. Trudy inst. Kom. stand., mer. i izm. prib. no. 48:7-23 '60.

Use of a diode voltmeter for measuring nonsinusoidal voltages. M. M. Levin, L. M. Piatigorskii. Trudy inst. Kom. stand., mer. i izm. prib. no. 48:116-123 '60.

Use of an electrostatic analyzer for studying the energy spectra of electrons reflected from metals. IU. M. Kushnir, A. N. Kabanov. Izv. AN SSSR, Ser. fiz. 25 no. 6:752-753 Je '61.

Use of electronic and semiconductor apparatus in agriculture. G. Vartanian. Prom. Arm. 4 no. 4:24-26 Ap '61.

ELECTRONICS

Drobashchenko, L. T., and A. N. Ksenofontov. [Fundamentals of electronics and radio engineering] Osnovy elektroniki i radiotekhniki. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 283 p.

ELECTRONICS—BIBLIOGRAPHY see Bibliography—Electronics

ELECTRONICS—CONGRESSES

Interdepartmental conference on cathode electronics. B. P. Vikhlaeva, V. A. Gor'kov, A. G. Zhdan. Radiotekh. i elektron. 6 no. 6:1031-1032 Je '61.

ELECTRONICS—JUVENILE LITERATURE

...ldfish serves man; a book for ...a rybka sluzhit cheloveku; ...lnykh. [Dnepropetrovsk] ...hnoe izd-vo, 1960. 176 p.

...INE

...pertension. Izobr. i rats. no. 6:...

...VIGATION

...he speed of river craft [with sum... F. Chernysh. Avtomatyka no. 3:36

...—QUALITY CONTROL

...maintenance of systems in long ...ry in English]. A. I. Perrote. ... '61.

...lectron transitions in diatomic ...ukov. Usp. fiz. nauk 74 no. 1

...calculations of polarizability ...lish]. M. N. Adamov, V. A. Zubkov. ...40 no. 1:246-248 Ja '61.

...electrons on radio-frequency ...tic permeability of ferrites with ... G. A. Smolenskii, Chzhan TSun ...ankevich. Fiz. tver. tela 3

Equations of motion of charged particles in classical electrodynamics. IU. P. Pyt'ev. Vest. Mosk. un. Ser. 3 Fiz., astron. 16 no. 2:9-11 Mr-Ap '61.

Interaction of beams of fast electrons with longitudinal plasma beams [with summary in English]. IU. A. Ivanov, G. F. Filippov. Zhur. eksp. i teor. fiz. 40 no. 1: 123-132 Ja '61.

Knocking electrons out of germanium with cesium, potassium, lithium and hydrogen ions. I. A. Abroian. Fiz. tver. tela 3 no. 2:588-594 F '61.

Mechanism of electron excitation for a model of the molecular orbits of an F-center and an exiton. A. A. TSereteveadze. Fiz. tver. tela 3 no. 2:505-513 F '61.

Polarization correlations in the formation of an electron-positron pair by a gamma-quantum. B. K. Kerimov, I. M. Nadzhafov. Vest. Mosk. un. Ser. 3: Fiz., astron. 16 no. 2:41-53 Mr-Ap '61.

Quantum theory of the ferromagnetism of collectivized electrons. S. V. Vonsovskii, L. IA. Kobelev. Fiz. met. i metalloved. 11 no. 6:820-824 Je '61.

ELECTRONS—CAPTURE

Electron capture cross sections for manganese atoms in germanium. E. G. Landsberg, S. G. Kalashnikov. Fiz. tver. tela 3 no. 5:1566-1570 My '61.

ELECTRONS—DIFFRACTION

Diffraction of slow electrons from tungsten surfaces covered by thin films of adsorbed barium and barium oxide. D. A. Gorodetskii and A. M. Kornev. Fiz. tver. tela 3 no. 5:1373-1383 My '61.

Obtaining thin HgS films, and kinetics of their crystallization. D. H. Mikolaichuk, IA. I. Dutchak. Ukr. fiz. zhur. 6 no. 1:136-137 Ja-F '61.

ELECTRONS—EMISSION

Field and thermionic emission of thorium and barium layers on tungsten. IU. V. Zubenko, I. L. Sokol'skaia. Fiz. tver. tela 3 no. 5:1561-1565 My '61.

ELECTRONS—SCATTERING

Diffusion chamber [with summary in English]. P. I. Vatset and others. Ukr. fiz. zhur. 6 no. 2:168-171 Mr.-Ap. '61.

Electron distribution over energies in the photoionization of aromatic amines in the gaseous phase. I. I. Vilesov, B. L. Kurbatov, A. N. Terenin. Dokl. AN SSSR 138 no. 6:1329-1332 Je '61.

Electron scattering processes at high energies [with summary in English]. S. S. Sannikov. Zhur. eksp. i teor. fiz. 40 no. 1:237-245 Ja '61.

Eleven-liter propane bubble chamber [with summary in English]. P. I. Vatset and others. Ukr. fiz. zhur. 6 no. 2:182-185 Mr-Ap '61.

Energy spectra of electrons at various points of an irradiated medium. G. A. Volkov. Fiz. tver. tela 3 no. 2 351-359 F '61.

Liquid-hydrogen bubble chamber [with summary in English]. P. I. Vatset and others. Ukr. fiz. zhur. 6 no. 2 175-181 Mr-Ap '61.

ELECTRONS—SPECTRA

Active electron spectra in air-equivalent ionization chambers. K. K. Aglintsev, V. V. Mitrofanov, V. V. Smirnov. Trudy Radiev. inst. AN SSSR 9:253-257 '59.

Objective method of recording electron energy spectra for use in electrostatic analyzers. A. N. Kabanov, IU. M. Kushnir, D. V. Fetisov. Izv. AN SSSR, Ser. fiz. 25 no. 6: 748-751 Je '61.

Use of an electrostatic analyzer for studying the energy spectra of electrons reflected from metals. IU. M. Kushnir, A. N. Kabanov. Izv. AN SSSR. Ser. fiz. 25 no. 6:752-753 Je '61.

ELECTROPHORESIS

Agar-gel electrophoretic study of soluble cytoplasmatic and nuclear proteins of the liver and transplanted hepatoma of rats [with summary in English]. T. K. Nikolov, A. A. Khadzhiolov. Biokhimiia 26 no. 3:523-529 My-Je '61.

Method of determining the phosphorus of nucleic acids by neutron activation combined with electrophoresis. S. P. TSelishchev, V. B. Mogilevkin, B. F. Vanushkin. Doklady TSKhA no. 57:38-39 '60.

Use of the oxyhemometer for direct "reading" of electrophoregrams. A. IA. Kreimer, O. M. Preger, I. G. Burnashov. Lab. delo 7 no. 7:58-61 Jl '61.

ELECTROPHYSIOLOGY

(see also subdivision under Great Britain)

Abnormally large resting and action potentials of the muscle fibers of a crab in potassium-free solutions. E. A. Liberman, L. M. TSofina, I. M. Glagoleva. Biofizika 6 no. 3:373-374 '61.

Alternating current bridge for the analysis of impedance changes in rapid processes occurring in biological objects. S. A. IUr'ev. Biofizika 4 no. 5:605-609 '59.

Babskii, E. B., and L. S. Ul'ianinskii. [Electric stimulation of the heart] Elektricheskaia stimulistiia serdtsa. Moskva, Izd-vo Akad. nauk SSSR, 1961. 159 p.
(DNLM)

Changes in the electric parameters of skeletal muscle tissues in animals acclimatized to hypoxia. Z. I. Barbashova, IU. E. Moskalenko. Biofizika 6 no. 3:328-330 '61.

ELECTROPHYSIOLOGY (Continued)

Conditioned reflex changes in the respiratory gas exchange and bioelectric activity of the brain and skeletal muscles. R. P. Ol'shanskaia, G. A. Trubitsyna Dokl AN SSSR 138 no. 5 1215-1217 Je '61

Effect of dinitrophenol on temperature dependence on the action potential in the giant axon of earthworms [with summary in English] V. F. Antonov. Biofizika 6 no. 3 317-321 '61.

Effect of temperature on the conduction of excitation in giant axons of the earthworm [with summary in English] B N Veprintsev, V. F Antonov Biofizika 4 no 5:541-549 '59

Intracellular recording of smooth muscle potentials during the irritation of stimulating and inhibiting nerves. R. S Orlov Fiziol. zhur 47 no 4:500-503 Ap '61.

Lag between the importance effect and action potential of the nerve trunk of a frog E V Burlakova, B N Verintsev, I T Russ Biofizika 1 no. 5 617-620 '59.

Measurement of resting and action potentials in the giant nerve fiber of a squid under different conditions of recording [with summary in English] L. M. Chailakhian. Biofizika 6 no. 3:309-316 '61.

Modification of the electrical potential of the erythrocytes in epidemic hepatitis [with summary in English]. L. I. Gol'berg. Vop. virus. 6 no. 2 207-209 Mr-Ap '61

Nature of the action potential E. A. Liberman, L. M Chailakhian Biofizika 4 no. 5:622-630 '59

New data on the electrophysiology of muscles. P I Gulaev Nauka i zhizn' 28 no 5 64 My '61

Potentials of the gastrointestinal tract and their significance in diagnosis E A Krasnov Vest AN Kazakh SSR 17 no 5 85-90 My '61

Some characteristics of photostimulation of the giant axon in cuttlefish [with summary in English] R. G Liudkovskaia. Biofizika 6 no. 3:309-316 '61.

Trace hyperpolarization and depolarization in crayfish claw muscles. T. N. Ontani Fiziol zhur. 47 no 4: 495-498 Ap '61

ELECTROPLATING—EQUIPMENT AND SUPPLIES

Unit for electroplating. E. S. Bruk, I. G. Gol'berg, A. I. Smirnov. Mashinostroitel' no. 6:26 Je '61.

ELECTROSTATIC SEPARATORS

Automatic control of electric filter performance I Sh Plotinskii TSvet. met 34 no 2 50-52 F '61

ELECTROSTATICS

Objective method of recording electron energy spectra for use in electrostatic analyzers. A N. Kabanov, IU. M. Kushnir, D. V Petrov. Izv. AN SSSR. Ser. fiz 25 no. 6: 748-751 Je '61.

Use of an electrostatic analyzer for studying the energy spectra of electrons reflected from metals. IU. M. Kushnir, A. N. Kabanov. Izv. AN SSSR. Ser. fiz. 25 no 6:752-753 Je '61

ELECTROTHERAPEUTICS

Composition of plasma protein in hypertension patients treated with the electrical field of ultra-high frequency and diathermy A. Kurimdzhanov Med. zhur Uzb no 5 42-45 My '61.

Some problems in the technic and method of applying a galvanic collar A. V. Nechaev Med. sestra no 5 50-52 My '61

ELEKTROSTAL'—ELECTROMETALLURGY

"Elektrostal'" plant. B. Chusov. Metallurg 6 no. 7: 32-34 Jl '61.

ELEKTROSTAL'—STEEL INDUSTRY

Prompted by life V. Burov. Sov. profsoiuzy 17 no.12: 9-10 Je '61

ELEMENTARY EDUCATION see Education, Elementary

ELEVATORS

Korneev, G. K. [Installation of elevators in apartment houses, public buildings and industrial plants] Ustanovka liftov v zhilykh, obshchestvennykh i promyshlennykh zdaniiakh. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 110 p.

Russia (1923- U.S.S.R.) Komitet po nadzoru za bezopasnym vedeniem rabot v promyshlennosti i gornomu nadzoru. [Rules for the installation and safe operation of elevators] Pravila ustroistva i bezopasnoi eksploatatsii liftov. Izd. 3. Moskva, Ugletekhizdat, 1959. 71 p.

ELEVATORS, AUTOMATIC see subdivision under Leningrad

EL'GYGYTGYN, LAKE—DIATOMS, FOSSIL

Diatoms in bottom deposits of Lake El'gygytgyn (Anadyr Plateau). A. P. Zhuze, T. V. Sechkina. Trudy Lab ozeroved. 10:55-82 '60.

EMBA VALLEY—PETROLEUM GEOLOGY

Prospecting for oil pools in the second steep scarps of the salt domes in the southern part of the Emba. IU. S. Kononov. Izv. AN Kazakh SSR, Ser. geol no 1 89-94 '61.

EMBANKMENTS see subdivision under Kremenchug Hydroelectric Power station

EMBOLISM

Thromboembolic disease. D. Kertsman. Vrach. delo no. 1 130-131 Ap '61.

EMBRYOLOGY—FISHES

Development of bream under different conditions of oxygen supply IU. G. Iurovitskii, P. N. Reznichenko. Trudy Inst. morf. zhiv no 33 94-110 '61

Hyaluronidase and the hatching enzyme in the embryogenesis of bony fishes. G A Buznikov Trudy Inst. morf. zhiv. no 33:173-218 '61.

EMBRYOLOGY (BOTANY) see Botany—Embryology

EMOTIONS

Change in the coordination of movements in pupils of secondary school age under the influence of various emotional conditions A V Il'in Probl psikhol sporta no 1,213-218 '60.

Effect of emotional conditions on secretory reactions of the salivary glands to pilocarpine B A. Smirnov Fiziol. zhur 47 no. 4:475-478 Ap '61

Psychological peculiarities of the influence of emotions on the activity of athletes. O A Chernikova Probl psikhol sporta no 1:198-212 '60.

Role of the emotional factor in the development of hypertension IA N Vorobeichik Zdrav. Bel 7 no 5 23-25 My '61.

EMPLOYEE VACATIONS see Vacations, Employee

EMPLOYEES, DISMISSAL OF

In the Institute of State and Law of the Academy of Sciences of the U. S. S. R. Sots. trud 6 no. 5 148-150 My '61

EMPLOYEES, TRAINING OF

"The formation of skilled labor in the Soviet Union, 1917-1954" [in French] by Marcel Anstett. Reviewed by L. IA. Gintsburg. Sov. gos. i pravo 31 no. 7:148-149 Jl '61.

EMPLOYEES' BUILDINGS

"Employees' areas and dining rooms in industrial buildings abroad." Reviewed by B IA. Orlovskii Prom stroi. 39 no. 4.64 '61.

EMPLOYMENT AND AGE see also subdivision 'Age and employment' under Czechoslovakia

EMULSIONS

Combined removal of water, salts, and operational admixtures from oil in situ. P. Rakov. Neft khoz. 39 no. 7 63-65 Jl '61.

Effect of the "NCHK" demulsifier on precipitation in dehydration of petroleums. N. D. Shustef, E. I. Nedobseva. Neft. khoz. 39 no. 4.61 Ap '61.

EMULSIONS, PHOTOGRAPHIC see Photographic emulsions

ENAMEL AND ENAMELING

Optimum conditions for drying enamels by heat radiation. L. L Pavlovskii, F. M. Matiuk, N. I. Sidorina. Trakt. i sel'khozmash. 31 no. 7.40-41 Jl '61.

Podkletnova, E. N., ed. [Enamel and enameling] Emal' i protsessy emalirovaniia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 113 p.

Properties of organosilicon electric insulating enamels and their uses. M. B. Fromberg. Lakokras. mat. i ikh prim. no. 3 33-39 '61.

SGO-100 centrifuge for the purification of enamels based on polymerization resins. B. I. Pshinkovskii. Lakokras. mat. i ikh prim. no. 3:64 '61.

ENCEPHALITIS

Amount of antibodies in the blood of colts and in the milk of horses used in the production of encephalitis serum [with summary in English]. B. G. Trukhmanov, E. N. Rodiukova. Vop. virus. 6 no. 2:149-151 Mr-Ap '61.

Animal species associated with the circulation of the virus of tick-borne encephalitis [with summary in English]. IU. V. Morozov. Biul. MOIP, Otd. biol. 66 no. 3:5-19 My-Je '61.

Interaction of tick encephalitis viruses with sensitive cells. Report No. 1: Sensitivity of various cell cultures to the tick encephalitis virus [with summary in English]. O. G. Andzhaparidze, N. N. Bogomolova. Vop. virus. 6 no. 2. 136-143 Mr-Ap '61.

Meningoencephalitis following inoculation for rabies. M. O. Kolker. Zdravookhranenie 2 no. 4:55-56 Jl-Ag '59.

Multiplication of tick encephalitis viruses in primary cultures of hog embryo kidney epithelium cells [with summary in English]. B. F. Semenov, N. N. Bogomolova, I. I. Akopova. Vop. virus. 6 no. 2:143-148 Mr-Ap '61.

Preparation of a tissue-culture vaccine against Japanese encephalitis [with summary in English]. E. N. Levkovich, G. D. Zasukhina. Zhur. mikrobiol epid. i immun. 32 no. 5:38-42 My '61.

Production of diagnostic sera for the complement fixation reaction against tick spring-summer and Japanese encephalitis. O. E. Rzhakhova. Vop. virus. 6 no. 2:238-240 Mr-Ap '61.

Studies on viral strains isolated from horses used in the production of sera against tick encephalitis [with summary in English]. IU. V. Fedorov. Vop. virus. 6 no. 2: 147-149 Mr-Ap '61.

Use of tick encephalitis viruses growing in tissue culture of chick fibroblasts as an antigen in the complement fixation reaction [with summary in English]. G. G. Bannova. Vop. virus. 6 no. 2 151-156 Mr-Ap '61.

ENCEPHALOGRAPHY

Preparation of patients for pneumoencephalography with amminazine in association with nembutal [with summary in French]. A N. Ignat'ev, L. V. Silina Zhur. nevr. i psikh. 61 no. 2 251-255 '61.

ENCEPHALOMYELITIS

"Allergic encephalomyelitis"; proceedings of a symposium. Reviewed by D Futer Zhur. nevr. i psikh 61 no. 2:300-305 '61

Use of tissue cultures for the preparation of vaccines against Venezuelan and North American equine encephalomyelitis [with summary in English]. N. V. Kaverin. Vop. virus. 6 no 2 156-160 Mr-Ap '61.

ENCYCLOPEDIAS AND DICTIONARIES, UKRAINIAN

[Soviet Ukrainian encyclopedia] Ukrains'ka Radians'ka Entsyklopediia. Holovna red. kolegiia M. P. Bazhan i dr. Kyiv, Holovna red. Ukrains'koi radians'koi entsyklopedii.

Vol. 4. Dante - Eshelon. [1961] 560 p.

ENDOCARDITIS

Bacteriological study and certain immunological indicators of patients with endocarditis lenta [with summary in English]. T. G. Trianova. Sov. med. 25 no. 4.51-62 Ap '61.

ENDOCRINE GLANDS—DISEASES

Problems in pathophysiology at the First International Congress of Endocrinology S. M Leites. Pat. fiziol. i eksp. terap 5 no. 1 88-91 Ja-F '61.

ENDOCRINOLOGY

Advances in modern endocrinology. E. I. Tarakanov, D. M. Akhmedov. Zdrav. Tadzh. 8 no. 3:51-53 My-Je '61.

ENDOCRINOLOGY—CONGRESSES

First International Congress of Endocrinologists. K. P. Zak. Vrach. delo no. 4:146-148 Ap '61.

Results of the 10-day meeting on endocrinology and the conference of the Ukrainian Institute of Experimental Endocrinology. D. O. Obolentsev. Med. zhur. Uzb. no. 1:78-80 Ja '61.

ENDOSCOPY

Simple modification of endoscopy of the cavity of the true pelvis in women. N. M Dorofeev Akush i gin 37 no. 1:79-83 '61.

ENERGY-BAND THEORY OF SOLIDS

Band structure of cuprous oxide. A. G. Zhilich, V P. Makarov. Fiz tver tela 3 no. 2:585-587 F '61.

Substantiation of the band theory. IU. M. Butusov, M. V. Kopytina. Fiz. tver tela 3 no 2:395-397 F '61.

ENGELS, FRIEDRICH, 1820-1895

Marx, Karl, and Friedrich Engels. [Works] Sochineniia. Izd. 2. Moskva, Gos. izd-vo polit. lit-ry.
Vol. 18. 1961, 670 p.
Vol. 19. 1961, 670 p.

ENGINEERING—PERIODICALS

Reader's conferences. Vest. mash 41 no. 7:88 Jl '61.

ENGINEERING—STUDY AND TEACHING
(see also subdivision under Moscow)

Markovich, M. M., and P. IA. Uvarov. [Engineering taught in a physics class] Tekhnika na urokakh fiziki. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 164 p.

ENGINEERING GEOLOGY
(see also subdivision under Angara Valley, Ili Depression; Kama Valley)

Current problems in engineering geology. P. N. Panikov. Biul. MOIP Otd. geol. 34 no. 5 156 S-O '59

Let's pay more attention to principles of engineering geology in planning. A. Khmelevskii. Arkhit. SSSR no. 3:10 '61.

Sharai, V. N. [Engineering geology; a manual for students in correspondence schools with majors in construction] Inzhenernaia geologiia, posobie dlia studentov zaochnykh fakul'tetov stroitel'noi spetsial'nosti. Minsk, Redaktsionno-izdatel'skii otdel BPI im. I. V. Stalina, 1960. 105 p.

Some engineering and geological research problems in the building of hydroelectric plants in rocky ground areas. P. V. TSarev. Izv. vys. ucheb. zav., geol. i razv. 2 no. 12:128-133 '59.

ENGINEERING GEOLOGY—DICTIONARIES

Moscow, Vsesoiuznyi nauchno-issledovatel'skii institut gidrogeologii i inzhenernoi geologii. [Dictionary of hydrogeology and engineering geology] Slovar' po gidrogeologii i inzhenernoi geologii. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 186 p.

ENGINEERING GEOLOGY—MAPS

Results of the conference of the member nations of the Economic Aid Council on mapping for engineering geology purposes. A. E. Golov, N. V. Kolomenskii, V. M. Fomin. Sov. geol. 4 no. 5 151-153 My '61.

ENGINEERING LABORATORIES—EQUIPMENT AND SUPPLIES

Principles and design of hydraulic chambers for linear accelerators. A. V. Kozlov. Inzh. sbor. 31 179-187 '61

ENGINEERING RESEARCH

(see also subdivision under Armenia)

Activity of research and design institutes and experimental enterprises. Mekh. i avtom. proizv. 15 no. 6, 57-58 Je '61.

Development of technological processes for experimental production. S. L. Ananʹev, M. A. Elizavetin. Vest. mash. 41 no. 7:81-85 Jl '61

In the State Scientific Technological Committee of the Council of Ministers of the Armenian S. S. R. Prib. i im. 4 no. 2:67-69 F '61.

ENGINEERING STANDARDS see Standards, Engineering

ENGLAND—TANKS

Relieving stresses without using heat-treating furnaces. V. L. IUzhuk. Mont. i spets. rab. v stroi. 23 no. 5:30-31 My '61.

ENGLISH LANGUAGE—DICTIONARIES—RUSSIAN

Krechetnikov, S. I., comp. [English-Russian dictionary of mechanical engineering and metalwork] Anglo-russkiĭ slovarʹ po mashinostroeniiu i metalloobrabotke. Izd. 2., perer. i dop. Pod red. N. S. Acherkana. Moskva, Glav. red. inostr. nauchno-tekhn. slovarei Fizmatgiza, 1961, 678 p.

ENGLISH LANGUAGE—MACHINE TRANSLATING

Mukhin, I. S. [Experiments in using the BESM electronic computer for machine translating] Opyty avtomaticheskogo perevoda na elektronnoĭ vychislitelʹnoĭ mashine BESM. Moskva, Akad. nauk SSSR, 1960. 28 p.

[MICROFILM]

ENGLISH LANGUAGE—TEXTBOOKS FOR FOREIGNERS

New textbook of English language for naval schools ("English" by N. O. Doroshevich and others). Reviewed by I. Berman). Mor. flot 21 no. 1:47 Ja '61.

ENGRAVING MACHINES

Eliminating distortions in engraving on the "EGA-2" automatic electric engraving machine. Poligr. proizv. no. 5:23-25 My '61

ENGRAVINGS, CHINESE—EXHIBITIONS

Chinese engravings. V. Rogov. Az. i Afr. segi. no. 6:49 Je '61.

ÉNOLS

Phosphorylated chlorovinyl ketones. Part 3: Reaction of phosphorus pentachloride with enol esters. I. F. Lutsenko, M. Kirilov, G. A. Ovchinnikova. Zhur. ob. khim. 31 no. 6:2028-2033 Je '61.

Phosphorylated chlorovinyl ketones. Part 4: Primary products of the reaction between phosphorus pentachloride and enol esters. I. F. Lutsenko, M. Kirilov, G. B. Postnikova. Zhur. ob. khim. 31 no. 6:2034-2036 Je '61

ENSILAGE

Ensiling corn together with straw. L. D. Shostak. Mekh. sil'. hosp. 12 no. 7,8 Jl '61

ENTERIC FEVER see Typhoid fever

ENTHALPY

Enthalpy of the formation of compounds of manganese with the elements of the main sub-group of group V. S. A. Shchukarev, M. P. Morozova, T. A. Stollarova. Zhur. ob. khim. 31 no. 6:1773-1777 Je '61.

Regularity in the enthalpy of formation of oxides and hydroxychlorides. B. N. Sharupin, I. V. Vasilʹkova. Zhur. ob. khim. 31 no. 6:2077-2078 Je '61.

Reproducibility and accuracy of present numerical values for the entropy and enthalpy of condensed phases at standard temperatures. A. A. Skilʹankin, P. G. Strelkov. PMTF no. 2:109-111 Jl-Ag '60.

ENTOMOLOGICAL RESEARCH

Laboratory methods for studying the biology of flea reproduction (Aphaniptera) [with summary in English]. A. N. Kirʹiakova. Ent. obozr. 40 no. 2:443-447 '61.

ENTOMOLOGICAL SOCIETIES

Report on the work of the All-Union Entomological Society of the Academy of Sciences of the U. S. S. R. for 1960. Ent. obozr. 40 no. 2:463-466 '61.

ENTOMOLOGY—CONGRESSES

Eleventh International Entomological Congress in Vienna. G. IA. Bei-Bienko. Ent. obozr. 40 no. 2: 467-476 '61.

ENTOMOLOGY—PERIODICALS

"Journal of insect pathology" [in English]. Reviewed by D. M. Shteinberg. Ent. obozr. 40 no. 2:483-484 '61.

ENTROPY

Reproducibility and accuracy of present numerical values for the entropy and enthalpy of condensed phases at standard temperatures. A. A. Skilʹankin, P. G. Strelkov. PMTF no. 2:109-111 Jl-Ag '60.

ENZYMES

Determination of the ferment, cystinase, in cultures of diphtheria bacilli. A. A. Shemiakina, S. S. Galimova, L. K. Sucvalova. Lab. delo 7 no. 7:57-58 Jl '61

Effect of lipoprotein deficient diets on phospholipid and enzyme secretion by intestinal glands in dogs [with summary in English]. U. Z. Kadyrov. Vop. pit. 20 no. 2:16-22 Mr-Ap '61

Enzymatic apparatus of Phytophthora infestans. B. A. Rubin, V. A. Aksenova. Biokhim. pl. i ovoshch. no. 6 252-261 '61.

Enzymatic photoreduction of carbon dioxide. E. A. Boichenko, G. N. Barnko. Dokl. AN SSSR 136 no. 6: 1453-1455 Je '61

Hyaluronidase and the hatching enzyme in the embryogenesis of bony fishes. G. A. Buznikov. Trudy Inst. morf. zhiv. no. 33:173-218 '61

Production costs of ferment preparations. M. P. Motorov, Z. A. Mitrofanova. Spirt. prom. 27 no. 1:28-30 '61.

Role of mercapto groups in the formation of the catalytically active structure of enzymes and the mechanism of their action. IU. M. Torchinskiĭ. Usp. sovr. biol. 51 no. 3:261-281 My-Je '61.

Work of the Commission for Enzymes of the International Union of Biochemistry. A. E. Braunshtein. Biokhimiia 26 no. 3:562-563 My-Je '61

ENZYMES—NOMENCLATURE

Nomenclature of nicotinamide nucleotide coenzymes. M. Dixon. Biokhimiia 26 no. 3:563-565 My-Je '61

EOSINOPHILES

Place of eosinophilic rhinitis in the clinical aspects of allergic diseases [with summary in English]. I. P. Lerner, E. S. Brusilovskii. Zhur. ush., nos. i gorl. bol. 21 no. 2:34-39 Mr-Ap '61.

EPIC LITERATURE, SLAVIC

Akademiia nauk SSSR, Sovetskiĭ komitet slavistov. [Studies on Slavic literature and folklore, reports made by Soviet scholars at the Fourth International Congress of Slavic Scholars] Issledovaniia po slavianskomu literaturovedeniiu i folʹkloristike; doklady sovetskikh uchenykh na IV Mezhdunarodnom sʺezde slavistov. Moskva, Izd-vo Akad. nauk SSSR, 1960. 339 p.

EPIDEMICS

"History of epidemics in Russia" by K. G. Vasilʹeva, A. E. Segal. Reviewed by V. A. Nevskiĭ. Zhur. mikrobiol. epid. i immun. 32 no. 4:150-152 Ap '61

EPIDEMIOLOGICAL SOCIETIES see subdivision under Georgia

EPIDEMIOLOGY

Brief news. V. M. Kovalev. Zhur. mikrobiol. epid. i immun. 31 no. 3:155-156 Mr '60

Elkin, I. I. [Studies on the theory of epidemiology] Ocherki teorii epidemiologii. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 214 p.

Epidemiological study as a basic method [with summary in English]. P. E. Verbov. Zhur. mikrobiol. epid. i immun. 31 no. 12:20-23 D '60

"Epidemiology" [in Slovak] by Karel Raska. Reviewed by Klimenko, D. A. Bystroletov. Zhur. mikrobiol. epid. i immun. 32 no. 1:153 Ja '61.

"Manual on practical studies in epidemiology" [in Bulgarian] by D. Bratovanov, K. Iankov, Zh. Targov. Reviewed by E. P. Klimenko, K. Z. Levtova. Zhur. mikrobiol. epid. i immun. 31 no. 8:147-148 Ag '60.

Material on the history of the Gamaleia Institute of Epidemiology and Microbiology of the Soviet Academy of Medical Sciences; 1891-1931. A. A. Efremenko. Zhur. mikrobiol. epid. i immun. 31 no. 8:143-145 Ag '60.

Nature of the epidemic process; social and biological factors in the epidemic process. D. Bratovanov. Zhur. mikrobiol. epid. i immun. 31 no. 8:132-136 Ag '60

Two concepts in epidemiology [with summary in English]. V. D. Beliakov. Zhur. mikrobiol. epid. i immun. 31 no. 12:3-9 D '60

EPIDEMIOLOGY—CONGRESSES

Conference in Vladivostok. G. P. Somov, B. V. Vysotskiĭ. Zhur. mikrobiol. epid. i immun. 31 no. 8:155-157 Ag '60.

EPIDEMIOLOGY—STUDY AND TEACHING

Correspondence instruction conducted by the Department of Epidemiology of the Central Institute of Postgraduate Training for Physicians. A. Z. Ter-Karapetian. Zhur. mikrobiol. epid. i immun. 32 no. 3:150 Mr '61.

Epidemiological education in relation to rapid decrease and eradication of infectious diseases in U. S. S. R. [with summary in English]. P. M. Lerner. Zhur. mikrobiol. epid. i immun. 31 no. 12:23-26 D '60

EPIGLOTTIS—DISEASES

Method for removing cysts of the epiglottis [with summary in English]. D. I. Tarasov. Zhur. ush., nos. i gorl. bol. 20 no. 5:39-42 S-O '60.

EPIGLOTTIS—INNERVATION

Reactive changes in the nerve fibers of the epiglottis following the action of some physical, chemical, and biological irritants [with summary in English]. O. V. Chernov. Zhur. ush., nos. i gorl. bol. 20 no. 4:29-36 Jl-Ag '60.

EPILEPSY

Mikhailova-Lukasheva, V. D. [Pathophysiology of epilepsy] K voprosu patofiziologii epilepsii. Minsk, Izd-vo Akad. nauk BSSR, 1960. 242 p.

(DNLM)

EPOXY RESINS

Epoxy coatings for the protection of structural ship elements against corrosion. V. A. Bershtein, I. A. Klin, T. A. Kolenkina. Sudostroenie 27 no. 5:41-45 My '61

Experience of the Black Sea Ship Line in the use of epoxy resins. S. Nunuparov, L. Likver. Mor. flot 21 no. 2:28-30 F '61.

Follow-up of V. Gribovskiĭ's article entitled, "Use of epoxy resins for reconditioning cylinder blocks and bushings." Mor. flot 21 no. 6:47 Je '61

Patterns made of epoxy resin. O. I. Stroilova, A. V. Stollarikhina, A. A. Stollarikhin. Lit. proizv. no. 6:17 Je '61

Use of epoxy resins. G. B. Rozenboim. Sudostroenie 27 no. 5:48-49 My '61.

EQUATION OF STATE

Equation of state and heat capacity of water in a wide range of thermodynamic parameters. N. M. Kuznetsova. PMTF no. 1:112-120 Ja-F '61.

EQUATIONS

Existence and uniqueness of solutions of stochastic diffusion equations. A. V. Skorokhod. Sib. mat. zhur. 2 no. 1:129-137 Ja-F '61.

EQUATIONS, FUNCTIONAL see Functional equations

EQUATIONS, LINEAR see Linear equations

EQUATIONS, THEORY OF

Theory of equations of mixed and combined type. A. B. Bitsadze, M. S. Salakhitdinov. Sib. mat. zhur. 2 no. 1: 7-19 Ja-F '61.

EQUILIBRIUM (PHYSIOLOGY)

Effect of general vertical vibrations on certain physiological functions in man [with summary in English] Tatui Chzhun-sian [Ch'in Chang-hsiang]. Trudy 1:Sch:11 61,159-167 '60

ERBIUM CHLORIDES

Principal erbium and ytterbium chlorides. N. V. Akaseʹlud, V. B. Spivakovskiĭ. Zhur. neorg. khim. 5 no. 3 547-557 Mr '60.

EREMURAN

Study of intermediate products in the hydrolysis of eremuran. B. N. Stepanenko, L. V. Stozhenkina. Dokl. AN SSSR 136 no. 6:1460-1463 Je '61.

ERGOSTEROL

Mycelium of Mortierella fungi as a source of ergosterol [with summary in English]. T. V. Khalabuda, V. P. Vendt. Dop. AN URSR no. 6:816-817 '61.

ERGOT ALKALOIDS

Effect of hexonium and redergam in experimental hypertension [with summary in English]. M. V. Pantʹshirs. Farm. i toks. 24 no. 2:145-149 Mr-Ap '61.

ERIVAN—ALUMINUM—ELECTROMETALLURGY

Intensifying the electrolysis of aluminum. L. Arutiunian. Prom. Arm. 4 no. 1:23-25 Ja '61.

ERIVAN—ALUMINUM INDUSTRY

Producing aluminum rolled stock and foil. Prom. Arm. 4 no. 1:37-38 Ja '61.

ERIVAN—ELECTRIC INDUSTRIES

New articles of the electric industry. Prom. Arm. 4 no. 3:39-40 Mr '61.

ERIVAN—ELECTRIC LAMPS

Using natural gas at the Erivan Electric Lamp Plant. M. Atadzhanian. Prom. Arm. 4 no. 3:19-20 Mr '61.

ERIVAN—EXHIBITION BUILDINGS

Mesh-reinforced shell for the exhibition pavilion in Erivan. IU. O. TSekhnovitser, L. M. Gevorkian, I. K. Novodvorskaia. Stroi. i arkhit. Len. 23 no. 4:34-35 Ap '61.

Thin-walled shell of precast-mesh reinforced elements. L. Gevorkian, IU. TSekhnovitser, I. Novodvorskaia. Arkhit. SSSR no. 3:37-38 '61.

ERIVAN—GAS COMPANIES

Problems in fulfilling the plan for gas supply in Erivan. G. Giukhasian. Prom. Arm. 4 no. 3,14-16 Mr '61

Using natural gas at the Erivan Electric Lamp Plant. M. Atadzhanian. Prom. Arm. 4 no. 3:19-20 Mr '61.

ERIVAN—METALWORK

New technology in a metal work plant. R. Petrosian. Prom. Arm. 4 no. 4:17-18 Ap '61.

ERIVAN—PLASTICS INDUSTRY

Polyvinylchloride plastics and "tekstovinit." Prom. Arm. 4 no. 3:40-41 Mr '61.

ERIVAN—TECHNICAL EDUCATION

In the Republican House of Technology. Prom. Arm. 4 no. 2:70 F '61.

ERIVAN—WATER SUPPLY

Industrial and household water supply in Erivan M. Pogosian, K. Azatian Prom. Arm 4 no. 3 7-10 Mr '61

ERKENSHILINSKIY DISTRICT—FEED MILLS

An important potential for the production of cheap meat. N. Chepizhko Nar. khoz. Kazakh. 19 no. 6 79-80 Je '61.

ERKENSHILIKSKIY DISTRICT—STOCK AND STOCK-BREEDING

An important potential for the production of cheap meat. N. Chepizhko. Nar. Khoz Kazakh. 19 no. 6 79-80 Je '61

EROSION

(see also subdivision under Kishchay Valley; Shemakha District; Volga Hills)

Erodibility as a basis for classifying rocks in the central Volga Valley in connection with a study for rebuilding banks of reservoirs. S. D. Voronkevich. Vop geog no 52 82-99 '61

EROSION—BIBLIOGRAPHY see Bibliography—Erosion

ERRORS, THEORY OF

Confidence intervals and confidence probabilities of adjusted values obtained by the method of least squares V. K. Khristov Geod. i kart no 6 70-77 Je '61.

Estimation of the accuracy of measurements with an allowance limiting the misclosure of conditional equations IU. V. Kemnits Izv. vys. ucheb. zav., geod. i aerof no 2 17-26 '61

IUtanov, M. N. [Adjustments in spatial phototriangulation] Uravnivanie prostranstvennoi fototriangulatsii. Moskva, Izd-vo geodez. lit-ry, 1961. 70 p.

Kemnits, IU. V. [Theory of errors in measurements] Teoriia oshibok izmerenii. Moskva, Izd-vo geodez. lit-ry, 1961. 111 p.

ERYSIPELOID

Production of virulent bacteria for controlling the water vole (Arvicola terrestris L.). V. I. Poltev, I. N. Gritsenko. Izv. Sib. otd. AN SSSR no. 6;99-105 '61.

ERYTHREMIA

Erythremia [with summary in English]. A. L. Kozyreva. Sov. med. 25 no 5:91-96 My '61.

Some morphological and functional properties of the blood in patients with essential polycythemia Probl. gemat. i perel. krovi 6 no. 4 30-33 Ap '61

ERYTHROCYTES

Change in the permeability of the sanguiferous capillaries and of the fractional erythrocyte sedimentation reaction in various forms and phases of rheumatic fever in adults. K. P. Efanova. Zdravookhranenie 2 no. 4:22-26 Jl-Ag '59.

Deviation in the average osmotic resistance of erythrocytes. A. D. Pantskhava. Lab. delo 7 no. 7:26-28 Jl '61.

Effect of food of varying cobalt content on the composition of the peripheral blood in growing rats [with summary in English]. A. Abrarov. Vop. pit. 20 no. 2:39-44 Mr-Ap '61

Glycolytic action of the erythrocytes in conserved blood. S. E. Liuboshits Med. zhur. Uzb. no 5, 49-52 My '61.

Intensity of proteolytic splitting of erythrocyte proteins in leukoses [with summary in English]. M. B. Sventsitskaia, O. D. Ramanova-TSkhovrebova. Vop. med. khim. 7 no. 2: 141-145 Mr-Ap '61.

Isolation of crystalline catalase from horse erythrocytes and the study of some of its physicochemical properties [with summary in English]. S. E. Manoilov and others. Biokhimiia 26 no. 3 400-411 My-Je '61.

Mechanism of the action of hydrogen sulfide and sodium sulfide on the blood erythrocyte level [with summary in English]. V. K. Zburzhinskii. Farm. i toks. 24 no. 2: 215-220 Mr-Ap '61.

Method of preparing quartz film for electron microscopy in connection with the study of the fine structure of erythrocytes A. I. Polivoda, IU. P. Vinetskii. Biofizika 4 no. 5, 599-601 '59.

Modification of the electrical potential of the erythrocytes in epidemic hepatitis [with summary in English]. L. I. Gol'dberg. Vop. virus. 6 no. 2:207-209 Mr-Ap '61.

ERYTHROMYCIN

Production and properties of certain derivatives of erythromycin [with summary in English]. D. M. Trakhtenberg, E. I. Rodionovskaia. Antibiotiki 5 no. 3: 22-24 My-Je '60.

ESCHERICHIA COLI

(see also subdivision under Noril'sk)

Adenosinetriphosphatase and pyrophosphatase activity of E. coli under the influence of certain antibacterial substances [with summary in English] M. F. Khanina. Antibiotiki 5 no 3;68-72 My-Je '60.

Culturability of pathogenic serotypes of Escherichia coli in children with intestinal disorders. N. V. Pankov, M. G. Pashaev. Zdrav. Turk. 5 no. 1;6-8 Ja-F '61

Differences in the antigenic structure of antibiotic-sensitive and antibiotic-resistant enteric bacteria [with summary in English]. V. A. TSyganov. Zhur. mikrobiol. epid. i immun. 32 no. 3;120-124 Mr '61.

Free amino acids in Escherichia coli during the blockade of protein synthesis by chlortetracycline [with summary in English]. E. D. Vyshepan, R. K. Ledneva, K. I. Ivanova. Biokhimiia 26 no. 3 489-493 My-Je '61.

Method for determining H-antigens of enteropathogenic Escherichia coli in semiliquid agar [with summary in English]. A. K. Baltrashevich Zhur. mikrobiol. epid. i immun. 31 no 3 48-51 Mr '60.

Oxidation-reduction potential in enteropathogenic and nonpathogenic strains of E. coli [with summary in English] S. G. Smirnov Zhur. mikrobiol. epid. i immun. 31 no 11;108-111 N '60

Possibility for the utilization of the hemagglutination reaction in the diagnosis of coli enteritis in children [with summary in English] V. N. Chernova Zhur. mikrobiol. epid. i immun. 31 no 11;71-78 N '60.

Radiobiological analysis of the relationship between the inactivation of Escherichia coli and the dose of X irradiation [with summary in English] N. I. Shapiro, I. F. Nenarokova, V. I. Suslikov. Biofizika 4 no. 5 559-566 '59

Rapid bacteriological diagnosis of enteropathogenic Escherichia coli Report No 1 Agglutination of cultures of Escherichia coli 0111 B4, 028, B6 and 055 B5 during growth in liquid media with the addition of antisera [with summary in English] IA. S. Shvartsman, V. M. Belinskii Zhur. mikrobiol. epid. i immun. 31 no. 3 27-31 Mr '60

Relation of the haptene reaction to the nature of intestinal microflora in dysentery [with summary in English] Kh. P. Gamleshko Zhur. mikrobiol. epid. i immun. 32 no 2, 27-31 F '61

Result of the use of luminescent sera in the diagnosis of dysentery and coli enteritis [with summary in English] E. A. Kabanova and others. Zhur. mikrobiol. epid. i immun. 31 no. 11 30-35 N '60

Sensitivity to antibiotics of strains of E. coli isolated from children with dyspepsia B. M. Zel'manovich, O. P. Zaitseva, N. I. Saleeva. Antibiotiki 5 no 3;120 My-Je '60.

Significance of colibacillosis in the etiology of acute gastrointestinal diseases. G. G. Lapina. Vrach. delo no. 4:111-113 Ap '61.

Structural studies on antigens of bacteria from the enterotyphoid group by means of a specific gel precipitation method [with summary in English]. V. D. Gokker, N. S. Sergeeva, I. K. Ivanova Zhur. mikrobiol. epid. i immun. 32 no. 2:61-66 F '61

Studying the effect of ultraviolet irradiation on colienteritic, pathogens, author's abstract. Z. P. Gorlatnova-Ikol, R. A. Ter-Pogosian. Zhur. mikrobiol. epid. i immun. 32 no 2,116 F '61

Use of the TTC bouillon in rapid laboratory diagnosis of coli enteritis, D. B. Rozenfel'd Zhur. mikrobiol. epid. i immun. 32 no 2;68-70 F '61

ESELEVICH, EDUARD ISAEVICH, 1901-

Eduard Isaevich Eselevich; on his 60th birthday. Zhur. nevr. i psikh. 61 no. 2 315 '61.

ESOPHAGUS—SURGERY

Pathoanatomical changes in a newly-forming esophageal wall following replacement of a defect with polyvinyl alcohol prosthesis [with summary in English]. T. T. Daurova, A. P. Malsiuk. Eksper. khir. 4 no. 6:37-42 N-D '59.

ESOPHAGUS—TUMORS

Rare benign tumors of the larynx and esophagus. D. A. Bytchenko. Zhur. ush., nos. i gorl. bol. 21 no. 2: 71-72 Mr-Ap '61.

ESOPHAGUS—WOUNDS AND INJURIES

Preventive treatment in chemical burns of the esophagus. S. A. IAzykov. Med. zhur. Uzb. no. 1:50-52 Ja '61.

ESPIONAGE see subdivision under Japan

ESSENCES AND ESSENTIAL OILS

(see also subdivision under Krasnoda)

Essential oil glands in the nectaries of species and their biological significance. Izv. Tomsk otd. VBO 4:105-108

Increasing yield and quality of essential oils. Masl.-zhir. prom. 27 no. 6:28

ESTERASES

Data on antienzyme immunity reaction as one of the indicators of the immune of the body in staphyloderma [with s S. P. Ivanova. Zhur. mikrobiol. epid. no. 6:10-23 Ag '60.

ESTERIFICATION

Interesterification of trialkyl phosphite alcohols. M. G. Imaev. Zhur. ob. kh 1773 Je '61.

Synthesis of the new derivatives of cellulosaccharides. Part 12: Developm the interfacial esterification of cellul in English] Sun' Tun (Sun T'ung), C (Chang Wei-kang), Z. A. Rogovin. Vy no. 3:382-389 Mr '61.

ESTERS

Oxidation-reduction initiating systems lacquers. N. G. Shtan'ko. Lakokras. m no. 3:14-19 '61.

ESTONIA—AGRICULTURAL RESEARCH

From undergraduate work to scientific L. Ruintam Vest. vys. shkoly 19 no

ESTONIA—FARM MANAGEMENT

Scientific management system on state farms of Estonia E. Vint Ekon. sel'khoz 32 no 2 47-52 F '61

ESTONIA—FINANCE

How we profited from a trip to Moscow. A. Lainat. Fin SSSR, 22 no. 6 76-77 Je '61

ESTONIA—PHYSICAL EDUCATION AND TRAINING

Third Republic-wide Conference on Problems of Sports Medicine and Therapeutic Physical Training in Estonia. N. V. El'shtein. Teor. i prak. fiz. kul' 23 no. 9 719-720 '60

ESTONIA—RED CROSS

At congresses of the societies A. Sarap Sov. Kras. krest. 11 no 3 29 My-Je '61.

ESTONIA—SHIPBUILDING

Activity of the Scientific Technological Society of Shipbuilding in Estonia, in 1960 G. A. Voloshin Sudostroenie 27 no 6 83 Je '61

ESTONIA—STATE FARMS

Scientific management system on state farms of Estonia E. Vint. Ekon. sel'khoz 32 no 2 47-52 F '61

ESTONIA—TELECOMMUNICATION

Concerning the efficiency of consolidating the technological communication resources at line servicing centers. N. M. Dovbenko. Vest. sviazi 21 no. 3;30-31 Mr '61.

ESTRAPENTAENONE

Synthesis of methyl ether of 18-nor-D-homoequilenin A. A. Akhrem, IU. A. Titov, I. N. Minaeva. Izv. AN SSSR Otd. khim. nauk no. 6 1161 Je '61.

ESTROGENS—PHYSIOLOGICAL EFFECT

Effect of estrogens on the fattening and hematological features of cattle IU. N. Shamberov Dokl. TSKhA no 61,199-207 '61

ESTRUS

Determining the stage of the sexual cycle in females of the common dolphin (Delphinus delphis L.) by the method of vaginal smears V. E. Sokolov. Trudy sov. likht kom no 12 68-71 '61

ESTUARIES

Circulation of water off the mouth of the river and associated processes. I. V. Samoilov and others. Trudy Okean. kom 10 no 1;100-106 '60

Method of calculating the distribution of salinity in waters off the mouth of the river. I. S. Borishanskii. Trudy Okean. kom 10 no 1:119-126 '60

ETHANES

Chemiluminescence in the decomposition of diphenylethane hydroperoxide, and its relation to the kinetics of this process. I. V. Zakharov, V. IA. Shliapintokh. Kin. i kat. 2 no 2:165-171 Mr-Ap '61

Emulsion oxidation of alkyl aromatic hydrocarbons under pressure. Part 1: Kinetic laws governing the accumulation of the main products during the oxidation of isopropylbenzene and 1,1-diphenylethane. R. V. Kucher, S. D. Kaz'min. Kin. i kat. 2 no 2:263-266 Mr-Ap '61

ETHANOL

Chemistry of organic oxides. Part 20: Addition of ethyleneimine and ethanolamine to some alka-1, 3-diene oxides G. A. Bulaev, V. M. Al'bitskaia, A. A. Petrov Zhur. ob. khim. 31 no 6:1861-1866 Je '61

ETHER—PHYSIOLOGICAL EFFECT

Vascular reaction and temperature in the uterus following inhalation of oxygen, carbogen, and ether I. I. Benedyktov. Ped., akush. i gin. 23 no.1 15-17 '61

ETHERS

Chemical transformations of unsaturated and high molecular weight compounds. Report 19. Alternation during the copolymerization of vinyl ethers. A. M. Khomutov. Izv. AN SSSR. Otd. khim. nauk no. 6,1116-1119 Je '61.

Liquid phase contact-catalytic oxidation of organic compounds on noble metals. Part 2. Oxidation of monoacyl ethers of ethylene glycol to arylоxyacetic acids. I. I. Ioffe, IU. I. Nikolaev. Kin. i kat. 2 no. 2 245-246 Mr-Ap '61

Suspension polymerization of the trivinyl ether of triethanolamine. Synthesis of a new anion exchanger [with summary in English]. M. F. Shostakovskii and others. Vysokom. soed. 3 no. 6 908-911 Je '61

ETHERS—SPECTRA

Spectra and structure of vinyl ethers. P. P. Shorygin and others. Izv. AN SSSR, Otd. khim. nauk no. 6 1011-1015 Je '61.

ETHICS

An attempt to defend intuitionalism in ethics ("Rightness and goodness; a study of contemporary ethical theory" [in English] by Oliver A. Jonson. Reviewed by O. G. Drobnitskii). Vop. filos. 15 no. 6 173-177 '61.

ETHNOLOGY see subdivision under Oka Valley; Volga Valley

ETHNOLOGY—BIBLIOGRAPHY see Bibliography—Ethnology

ETHYL ACETATE

Absorption of ultrasonic waves in ethyl acetate. S. Batledge, E. Kerom. Akust. zhur. 5 no. 4 490-492 '59.

ETHYL ALCOHOL

Dichromate method for determining ethyl alcohol in mixtures containing aromatic solvents. E. I. Gambardella. Lakokras. mat. i ikh prim. no. 3 60-61 '61.

Investigation of the viscosity of the ternary system water - ethanol - benzene in the critical region [with summary in English]. V. P. Sotonko, S. M. Smitun. Dop. AN URSR no. 5 640-651 '61.

ETHYLAMINE

Study of the hydrolysis of β-fluoroethylamines. V. G. Nemets, G. G. TSybaeva. Trudy LTI no. 60:56-62 '60.

ETHYLENE

Free radical reactions in irradiated polytetrafluoroethylene. Part 3. Recombination of alkyl fluorides and peroxide radicals [with summary in English]. IU. D. TSvetkov, IA. S. Lebedev, V. V. Voevodskii. Vysokom. soed. 3 no. 6:882-890 Je '61.

Gamma-ray induced copolymerization of acrylonitrile and ethylene [with summary in English]. V. F. Gromov, P. M. Khomikovskii, A. D. Abkin. Vysokom. soed. 3 no. 7 1015-1019 Jl '61.

Hel'ts, V. E. [Polyvinyl chloride; preparation, methods of processing, uses in the national economy] Polikhlorvinil; oderzhannia, vlastyvosti, sposoby pererobky ta zastosuvannia v narodnomu hospodarstvi. Kyiv, 1961. 41 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 6, no. 4)

Homogeneous pyrolysis of a raw hydrocarbon stock to ethylene and acetylene. V. I. Maiorov and others. Khim. prom. no. 6:378-380 Je '61

Polytrifluorochloroethylene signal crystals [with summary in English]. V. A. Kargin, N. F. Bakeev, Li Li-shen. Vysokom. soed. 3 no. 7 1100-1101 Jl '61.

Synthesis of 2-ethylene ketal of anti-trans-Δ 10-dodecahydrophenanthrene-2, 5, 8-trione. K. K. Pivnitskii, I. V. Torgov. Izv. AN SSSR. Otd. khim. nauk no. 6:1080-1087 Je '61.

Vulcanization of ethylene and propylene copolymers. V. N. Reikh and others. Kauch. i rez. 20 no. 6.1-5 Je '61.

ETHYLENE GLYCOL see Glycols

ETHYLENE OXIDE

Chemistry of organic oxides. Part 20: Addition of ethylenimine and ethanolamine to some alka-1, 3-diene oxides. G. A. Balaev, V. M. Al'bitskaia, A. A. Petrov. Zhur. ob. khim. 31 no. 6:1861-1860 Je '61

New catalysts for the polymerization of ethylene oxide [with summary in English]. O. V. Krylov, IU. E. Sinlak. Vysokom. soed. 3 no. 6:898-900 Je '61.

ETHYLENE POLYMERS

Effect of free radicals on the polymerization of ethylene. Part 2: Polymerization of ethylene in the presence of benzene in the above-critical state of the system solvent - monomer [with summary in English]. S. G. Entelis, B. A. Dolgoplosk, B. L. Erusalimskii. Vysokom. soed. 3 no. 7 1000-1002 Jl '61.

Preparation of polyethylene terephthalate. N. K. Moshchinskaia, L. I. Zhuplev, V. S. Olifer. Khim. volok. no. 3: 11-15 '61

EUCLIDEAN SPACE

Necessary and sufficient conditions for embedding a space into a Euclidean space. D. Doichinov. Dokl. AN SSSR 138 no. 6:1276-1278 Je '61

EUPHAUSIIDAE see subdivision under Antarctic regions

EUROPE—DEFENSES

"Zone of armaments limitation": British proponents and opponents. K. Nikitin. Nov. vrem. 19 no. 27:8-9 Jl '61.

EUROPE—WAR—CASUALTIES (STATISTICS)

Grim figures ("Wars and the population of Europe, losses in the Armed Forces of the European countries in wars from the 17th to the 20th century" by B. TS. Urlanis. Reviewed by A. Iglitskii). Novyi mir 37 no. 6,274-276 Je '61.

Price of wars ("Wars and the population of Europe, losses in the armed forces of the European countries in wars from the 17th to the 20th century" by V. TS. Urlanis. Reviewed by V. Vershinin). Mezhdunar. zhizn' 8 no. 7 159-161 Jl '61

EUROPE, EASTERN—BURIAL

Traces of eastern Baltic burial rites in the mounds of early Russia. V. V. Sedov. Sov. arkheol. 5 no. 2: 103-121 '61.

EUROPE, EASTERN—CIVIL PROCEDURE

Kleinman, A. F. [Civil procedure of the European people's democracies] Grazhdanskii protsess evropeiskikh stran narodnoi demokratii. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 227 p.

EUROPE, EASTERN—CRANES, DERRICKS, ETC.

East German, Czechoslovakian, and Polish construction cranes. V. I. Poliakov. Mekh. stroi. 18 no. 4:29-31 Ap '61.

EUROPE, EASTERN—ECONOMIC CONDITIONS

Moscow. Nauchno-issledovatel'skii konʺiunkturnyi institut. [Economic development of the people's democracies; survey for 1959] Razvitie ekonomiki stran narodnoi demokratii, obzor za 1959 god. Pod red. N. I. Ivanova i dr. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 305 p.

EUROPE, EASTERN—OFFICE EQUIPMENT AND SUPPLIES

Mechanization of engineering and management processes in people's democracies. E. N. Belousov. Biul. tekh.-ekon. inform. no. 5 93-96 '61

EUROPE, EASTERN—SERVICE INDUSTRIES

Developing service industries in European people's democracies. V. Savost'ianov. Biul. nauch. inform. trud i zar. plata 4 no. 4 53-56 '61.

EUROPE, WESTERN—AERONAUTICS, COMMERCIAL

Air transportation in Western Europe. V. M. Tikhonov. Biul. tekh.-ekon. inform. no. 6:91-95 '61.

EUROPE, WESTERN—ALANI

The Alani in Western Europe during the epoch of "great migration of peoples." V. A. Kuznetsov, V. K. Pudovin. Sov. arkheol. 5 no. 2:79-95 '61.

EUROPE, WESTERN—BALANCE OF PAYMENTS

Timely and useful book ("Foreign exchange problems of Western Europe" by A. V. Anikin. Reviewed by S. Borisov). Den. i kred. 19 no. 6:81-84 Je '61

EUROPEAN COMMON MARKET (1955-)

Political background of the Common Market. K. Popov. Nov. vrem. 19 no. 27:21-22 Jl '61.

Suslin, P. N. ["Common market" of six European countries] "Obshchii rynok" shesti evropeiskikh stran. Moskva, Vneshtorgizdat, 1961. 287 p.

EUROPEAN WAR, 1914-1918—PRISONERS AND PRISONS

Facts from the history of the Eastern Siberian Congress of Internationalist War Prisoners, February-April, 1918. I. A. Vorzhev. Uch. zap. Irk. gos. ped. inst. inostr. faz. no. 3:67-78 '59.

EUROPIUM

Level scheme of Eu^{153} [with summary in English]. L. I. Rusinov and others. Zhur. eksp. i teor. fiz. 40 no. 1 79-84 Ja '61.

EUROPIUM—ISOTOPES

Radiation from Eu^{145}, Eu^{146} and Eu^{147} [with summary in English]. N. M. Anton'eva and others. Zhur. eksp. i teor. fiz. 40 no. 1 23-28 Ja '61.

EURYGASTERS

Shield bug, main enemy of durum and soft wheats. E. I. Zashch. rast. ot vred. i bol. 5 no. 1:58 Ja '60.

EVALUATION

Pronin, V. A. [Michurian Darwinism] Michurinskii darvinizm. [Moskva] Izd-vo Mosk. univ., 1961. 22 p.

EVAPORATION

Alcohols and the properties of their monomolecular layers in protecting reservoir water from evaporation. A. D. Petrov and others. Dokl. AN SSSR 138 no. 6: 1395-1398 Je '61.

Calculating the evaporation process and velocity of liquid drops suspended in a gas flow. G. L. Babukha. PMTF no. 2 135-136 Jl-Ag '60.

Zonal distribution of the mineralization of river waters and drying up of lakes in central Kazakhstan. A. P. Uspenskii. Trudy Lab. ozeroved. 10:5-11 '60

EVENING AND CONTINUATION SCHOOLS

Improving the work of the evening correspondence schools. Nar. obr. no. 7 78 Jl '61.

Machine tool operator enters an institute. R. Ilorunas. Vest. vys. shkoly 10 no. 6 45-49 Je '61.

EVERGREENS

Changes in the viscosity of the protoplasm of evergreens within a year depending on their winter hardiness. M. M. Sharashidze. Izv. Bat. bot. sadu no. 6 198-203 '57

EVIDENCE (LAW)

A strict observance of criminal laws governing the collecting and evaluating of trial evidence in the course of criminal investigation [with summary in English]. P. P. Tsvetkov. Vest. LGU 16 no. 11:121-125 '61

EVIDENCE, EXPERT

Current problems in the theory and practice of forensic expertise. A. I. Vinberg. Sov. gos. i pravo 31 no. 6: 71-82 Je '61

EVOLUTION

Evolutionary prerequisites of the formation of the group of imperfect fungi. O. L. Rudakov. Izv. AN Kir. SSR. Ser. biol. nauk 2 no. 7 41-50 '60

Integration of biological systems and their self-regulation [with summary in English]. I. I. Shmal'gauzen. Biul. MOIP. Otd. biol. 66 no. 2, 104-134 Mr-Ap '61

Role of zonality in the process of evolution [with summary in French]. S. M. IAblokov-Khazarian. Zool. zhur. 40 no. 6 797-808 Je '61

EXAMINATIONS

How to test students' knowledge ("Testing students' knowledge in secondary schools" by E. I. Perovskii. Reviewed by P. Gorbunov). Nar. obr. no. 6 110-113 Je '61

EXCAVATING MACHINERY

(see also subdivision under Siberia)

Action of the hoisting cable on the dragline-excavator jib. V. F. Chernyi. Trudy Ural. politekh. inst. no. 104 124-138 '61

Advantages of using adjustable scrapers. G. N. Prokhorov. Gor. zhur. no. 4:40-42 Ap '60.

Arrangement and parameters of a hydraulic running mechanism of a walking excavator. M. I. Khrisanov. Trudy Ural. politekh. inst. no. 104 151-161 '61

Brilliantova, N. P., and G. M. Volkov. [Powerful single-bucket excavators in coal mining] Moshchnye odnokovshovye ekskavatory v ugol'noi promyshlennosti. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 41 p.

By the force of caving. A. I. Fedulov, V. M. Vladimirov. Izobr. i rats. no. 6 14-15 Je '61.

Construction and modernization of dragline excavator buckets. V. I. Fedorov, M. T. Nikonova. Gor. zhur. no. 4:38-40 Ap '60.

Determination of the maximum dimensions of excavator-worked open-pit mines with top loading. M. I. Lugovkina. Shakht. stroi. 5 no. 6:15-19 Je '61.

Development of the functional equipment of excavators to the middle of the 19th century. D. K. Zherebov. Stroi. i dor. mash. 6 no. 5:24-27 My '61.

Effect of different positions on the ground of supporting shoes on the performance of the hydraulic running gear of an excavator. M. I. Khrisanov. Trudy Ural. politekh. inst. no. 104 150-156 '61.

ETR-131 wheel-type excavator. N. P. Vorobtsov, I. Z. Figlin. Stroi. i dor. mash. 6 no. 5 8-9 My '61

Evaluation of flowsheets for excavator loading on trucks at the Sokolovka-Sarbay Mining and Ore Dressing Combine. A. M. Mustafina. Trudy Inst. gor. dela AN Kazakh. SSR 7:83-91 '60.

Excavator loading at the Dzhezkazgan mines. S. S. Muzgin. Trudy Inst. gor. dela AN Kazakh. SSR 7:110-121 '60.

From spade to earthmoving machinery. A. Belokon'. Voen. znan. 37 no. 6:22-23 Je '61.

Investigating the performance of the running gear of the ESh 14/75 walking excavator. M. I. Khrisanov, I. B. Sokolovskii. Trudy Ural. politekh. inst. no. 104 164-173 '61.

Mounted equipment for digging mountain and water-diversion ditches. G. I. Savotin. Biul. tekh.-ekon. inform. no. 5:77-78 '61

Operation of 6m³ excavators in open pit mines. N. I. Smirnov, F. G. Doronenko. Trudy Inst. gor. dela AN Kazakh. SSR 7:76-82 '60.

Performance of the bucket of a heavy dragline excavator in mellow soils. G. S. Bushuev. Trudy Ural. politekh. inst. no. 104 130-149 '61.

Preventing the collapse of benches during rotary excavator operations. G. M. Baskov. Gor. zhur. no. 6:12-14 Je '61.

Rotary excavators in pipeline laying. G. A. Arendt. Stroi. truboprov. 6 no. 4:9-12 Ap '61.

EXCAVATING MACHINERY (Continued)
Some questions of the dynamics of the drive of traction-hoisting mechanisms in excavators. Izv. vys. uchebn. zav., gor. zhur. no. 4 122-128 '61.
Use of underground excavators in steeply pitching coal seams. P. V. Vaganov and others. Trudy Gor.-geol. inst. UFAN SSSR no. 51 137-147 '60.
Using a modified trench excavator. I. N. Shpektorov. Strol. truboprov. 6 no. 1.21 Ap '61.
Using an additional hitched apparatus. S. A. Dubrovskii, S. L. Leshchenuk, A. B. Kissel'. Strol. truboprov. 6 no. 4 20-21 Ap '61.
Working efficiency of rotary bucket excavators. B. V. Artamonov. Izv. vys. uchebn. zav., gor. zhur. no. 1 97-97 '61.

EXCAVATING MACHINERY—SAFETY MEASURES
Accidental contact of an excavator with contact line of a traction network in a strip mine. A. M. Varshavskii. Izv. vys. uchebn. zav., gor. zhur. no. 1, 129-132 '61.

EXCAVATING MACHINERY—TECHNOLOGICAL INNOVATIONS see subdivision under Minsk

EXCAVATION
Excavator teams broaden their horizons. S. A. Laskovets. Transp. strol. 11 no. 5, 5-6 My '61.
Investigating the power used by electric motors in dragging. V. I. Sokolovskii, V. S. Gnashkov, D. T. Ankudinov. Trud. Ural. politekh. inst. no. 104 171-180 '61.

EXCAVATIONS (ARCHAEOLOGY) see subdivision under Azov, Khachbulak, Samarkand

EXCITONS
Effect of unilateral directed deformation of a cubic crystal on quadrupole exciton absorption of light. V. I. Cherepanov. Fiz. tver. tela 3 no. 5 1493-1500 My '61.
Magneto-optical studies of quadrupole exciton transitions in Cu_2O crystals. L. F. Grigor'ev and others. Fiz. tver. tela 3 no. 5 1445-1457 My '61.
Rules of selection for quadrupole exciton light absorption in cubic crystals. V. S. Gal'tsev, V. I. Cherepanov, R. V. Radchenko. Fiz. tver. tela 3 no. 2 484-491 F '61.
Scattering of a nonlocalized exciton on F-centers. Z. S. Kirkhishvili. Fiz. tver. tela 3 no. 2 492-499 F '61.
Theory of exciton absorption [and edges]. V. M. Agranovich, Iu. V. Konobeev. Fiz. tver. tela 3 no. 2 360-369 F '61.

EXERCISE
Absorption of nutrients in the small intestine during motor activities in animals [with summary in English]. F. G. Morgun. Vop. pit. 20 no. 2 22-28 Mr-Ap '61.
Biochemical changes in rat muscles during exercise of various duration and under conditions of supplementary inclusion of malt extract, maltose, and glucose into their food ration [with summary in English]. A. P. Krasnova, N. R. Chagovets. Ukr. biokhim. zhur. 33 no. 3 402-406 '61.
Influence of exercise on the value of the spatial threshold of tactile differentiation [with summary in English]. E. A. Milerian, V. G. Tkachenko. Vop. psikhol. 7 no. 4 60-69 My-Je '61.
Stable conditions in muscle activity. N. N. Alfyorov. Vop. med. khim. 7 no. 2 120-142 Mr-Ap '61.
Views of Ibn-Sina (Avicenna) on the role of physical exercise in human health. I. T. Prusakov. Gig. i san. 26 no. 1 59-61 Ja '61.

EXERCISE THERAPY
Exercise therapy in the compound treatment of polyclinic patients with cardiovascular diseases. K. N. Pribylov. Med. sestra no. 5 16-23 My '61.
Exercise therapy in heart defects. D. I. Mankelevich. Med. sestra no. 5 57-59 My '61.
Home stadium. B. A. Korolev. Zdorov'e 7 no. 7, 27 Jl '61.
Use of exercise therapy under conditions of infirmary treatment of myocardial infarct. N. A. Krasnova. Med. sestra no. 5 23-31 My '61.

EXHIBITION BUILDINGS see subdivision under Erivan; Moscow

EXHIBITIONS see subdivision under Brno, Czechoslovakia; Moscow; Turin

EXPERIMENTAL PATHOLOGY see Pathology, Experimental

EXPERT EVIDENCE see Evidence, Expert

EXPLORERS—BIOGRAPHY
About those on watch ("Land watch" by Artem Anfinogenov. Reviewed by Vl. Mikhailov). Vokrug sveta no. 6 59 Je '61.

EXPLOSIONS
Reactive and kinetic nature of nonuniformities in a shock wave front and their role in the propagation of a gas detonation. B. P. Volin and others. PMTF no. 2 78-89 Jl-Ag '60.

EXPLOSIVES
Lykhanov, P. M. History of chemical trades and of the chemical industry in Russia up to the end of the 19th century. Istoriia khimicheskikh promyslov i khimicheskoi promyshlennosti Rossii do kontsa XIX veka. Pod red. S. I. Vol'fkovicha. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 5 1961. 703 p.
Using the new dynamite explosive "Igdanit" in earthwork operations. V. S. Shabalov. Prom. stroi. 38 no. 1 55-56 '61.

EXPLOSIVES—TESTING
Determination of the relative power output of explosives by the method of equivalent charges according to the expansion rate of Prandtl's bomb. A. I. Belaev, R. Kh. Kurbangalina. PMTF no. 2 116-119 Mr-Ap '60.

EXPLOSIVES, MILITARY
"Invisible enemy" by M. V. Novikov. Reviewed by A. Ivolgin. Vokr. znan. 37 no. 7 39 Jl '61.

EXTRACTION (CHEMISTRY)
Coefficients of fatty acid distribution. I. A. Kuznetsov, A. K. Lileeva, N. I. Smirnov. Trudy LTI no. 60 200-209 '60.
Extraction in spray towers. I. A. Kuznetsov, N. I. Smirnova. Trudy LTI no. 60 190-205 '60.
Extraction of acids with organic solvents. A. A. Gribenyr, G. S. Lozhkina. Zhur. neorg. khim. 5 no. 3 738-741 Mr '60.
Purification of water-soluble organic liquids by extraction with aromatic oils. Report No. 1. A. V. Pramushnikov. Trudy IRIA no. 29 174-177 '58.

EXTRACTION (CHEMISTRY)—CONGRESSES
Conference on extraction in analytical chemistry. Zav. lab. 27 no. 6 765 '61.

EXTRACTION APPARATUS
(see also subdivision under Armavir)
Mass transfer in injector extraction columns. N. I. Gel'perin, M. G. Asamus. Khim. prom. no. 5 348-350 My '61.

EXTREMITIES, LOWER
Clinical aspects and surgical treatment of acute and chronic thrombophlebitis of the superficial veins of the lower extremities. I. M. Gitelzon. Azerb. med. zhur. no. 6 44-51 Je '61.
Relationship between muscular tension and the resulting movements of human extremities [with summary in English]. I. V. Chkhaidze. Biofizika 6 no. 3 363-369 '61.

EXTRUSION (METALS)
(see also subdivision under Czechoslovakia, United States)
Manufacture of rollers by impact extrusion. B. P. Florin, Kuibyshev. Prom. Arm. 4 no. 2 10-11 F '61.

EYE
Chemical and physicochemical basis of the transparency and opacity of the optic apparatus of the eye [with summary in English]. G. A. Ushakov. Vop. med. khim. 7 no. 2 190-196 Mr-Ap '61.
Development of eyes and their function in embryos and larvae of the pike perch (Lucioperca lucioperca Linne). L. A. Baburina. Trudy Inst. morf. zhiv. no. 33 151-172 '61.
Development of eyes and their function in lithophil cyprinoid fishes. L. A. Baburina. Trudy Inst. morf. zhiv. no. 33 111-150 '61.
Thiamine uptake and distribution rate in the ocular tissue [with summary in English]. L. I. Chikalo. Vop. med. khim. 7 no. 2 166-172 Mr-Ap '61.

EYE—DISEASES AND DEFECTS
Electroencephalography in disorders of binocular vision. A. N. Dobromyslov. Zdravookhranenie 2 no. 4 44-46 Jl-Ag '59.
Harada's disease (meningoencephalouveitis). L. S. Glitik, O. S. Sklianskaia. Vrach. delo no. 4 135-136 Ap '61.

EYE—EXAMINATION
Significance of elastotonometric investigations in the early diagnosis of glaucoma in trachoma patients. T. Kh. Rasulova. Azerb. med. zhur. no. 6 31-37 Je '61.

EYE—INSTRUMENTS AND APPARATUS FOR
Photoelectric method for registering eye movements. A. D. Vladimirov, E. D. Khomskaia. Vop. psikhol. 7 no. 3 177-180 My-Je '61.

EYE—MOVEMENTS
Universal characteristics of fixation movements of the eye, fixation shift as a cybernetic model of controlled behavior. B. Kh. Gurevich. Biofizika 6 no. 3 377-384 '61.

EYE—PARASITES
Ophthalmomyiasis. G. S. Savinykh. Med. zhur. Uzb. no. 5 74-75 My '61.

EYE, INSTRUMENTS AND APPARATUS FOR
Scanning pupillograph. A. R. Shakhnovich, V. R. Shakhnovich. Vop. neirokhir. 25 no. 2 57-59 Mr-Ap '61.

FACADES
Color finishing for the exterior walls of large-panel houses. Z. Chechil'. Strol. i arkhit. 9 no. 4 7-11 Ap '61.
Futurist. V. Kovrizhkin. Stroitel' no. 5 31 My '61.

FACADES—MAINTENANCE AND REPAIR see subdivision under Leningrad

FACIAL NERVES see Nerves, Facial

FACTORIES—DESIGN AND CONSTRUCTION
(see also subdivision under Leningrad)
Akademiia stroitel'stva i arkhitektury. Instruktivnoe i zhurnal'no-gazetnoe. Perevod. [Instructions for planning floors in plants with corrosive atmospheres] Instruktsiia po proektirovaniiu polov v tsekhakh s agressivnymi sredami. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 96 p.
Plans for new industrial buildings. N. Skulachev, G. Agamovich, V. Ilin. Arkhit. SSSR no. 5 13-16 '61.

FACTORIES—FIRES AND FIRE PREVENTION see subdivision under Leningrad, Moldavia, Yaroslavl Province

FACTORIES—HEATING AND VENTILATION
Rysin, S. A. [Ventilating installations in machine-building plants, handbook] Ventilatsionnye ustanovki mashinostroitel'nykh zavodov, spravochnik. Izd. 2., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 701 p.

FACTORY LIBRARIES
With ardent interest. I. Vaks. Bibliotekar' no. 6 24-28 Je '61.

FACTORY MANAGEMENT
(see also subdivision under Germany, East)
Organizing the labor in automatic production lines. V. I. Korolkov. Mashinostroitel' no. 6 36 Je '61.

FALAKI, SHIRWANI, ca. 1108- ca. 1146
From the history of studying Falaki's legacy [in Azerbaijani with summary in Russian]. R. Azade. Izv. AN Azerb. SSR. Ser. obshchestv. nauk no. 3 87-92 '61.

FALCONS see subdivision under Belovezhskaia Pushcha; Gremyachiye District, Kandalaksha Bay region

FALLOWING see subdivision under Kazakhstan; Stalingrad Province

FAMILY see subdivision under Iran

FANS, ELECTRIC
Overhead fan "Zephir". I. Alekhanian. Prom. Arm. 4 no. 2 39-41 F '61.
Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Technical specifications SN 145-60 for installing exhaust fans, ventilators and exhausters] Tekhnicheskie usloviia na montazh dymososov, ventilatorov i eksgaustserov SN 145-60. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 20 p.

FANS, MECHANICAL
Mine ventilation by reversible fans. I. I. Gofman, V. P. Belykh. Gor. zhur. no. 5 59-60 My '61.
Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Technical specifications SN 145-60 for installing exhaust fans, ventilators and exhausters] Tekhnicheskie usloviia na montazh dymososov, ventilatorov i eksgaustserov SN 145-60. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 20 p.

FAR EAST—GEOLOGY, STRUCTURAL
Basic features of Pre-Cambrian geology in the southern part of the Soviet Far East and adjacent territories. Iu. A. Gorimov, V. K. Putintsev. Dokl. AN SSSR 138 no. 6 1409-1412 Je '61.

FAR EAST, SOVIET see Soviet Far East

FARABI, ABU NASR MUHAMMAD, 870-950
Studying Abu Nasr Farabi's legacy in Uzbekistan. M. M. Khairullaev. Obshchestv. nauki v Uz. no. 4 52-54 '61.

FARM BUILDINGS
Farm buildings made of reinforced concrete arches. Na strol Ros. no. 2 36 F '61.
Hollow precast reinforced concrete elements for farm buildings. A. Nekrasov. Na strol Ros. no. 1 26-28 Ja '61.
Kulikovskii, A. V. [The most economical types of livestock buildings] Naibolee ekonomichnye tipy zhivotnovodcheskikh pomeshchenii. Minsk, Gos. izd-vo BSSR. Red. sel'khoz. lit-ry, 1960. 122 p.
Readers' letters. Sel'. strol. 15 no. 4 27 Ap '61.
Reinforced-concrete elements for farm buildings. A. F. Popov, K. T. Chunikhin, E. G. Mel'nikov. Bet. i zhel.-bet. no. 5 205-206 My '61.

FARM BUILDINGS—FIRES AND FIRE PREVENTION
Watching over the property of collective farms. N. Iur'ev. Pozh. delo 7 no. 6 3-4 Je '61.

FARM BUILDINGS—HEATING AND VENTILATION
Heating and ventilation of service buildings on farms. S. F. Shubin Vod i san tekh no 6 24-27 Je '61

FARM EQUIPMENT
Cable drag S Dankov, Tekh. v sel'khoz 21 no 6:85-86 Je '61.
Manure-removal equipment A Gurikhin. Tekh v sel'-khoz. 21 no. 6.34-37 Je '61.
PNP-3, 5 land leveler. N. Karlukin Tekh v sel'khoz. 21 no 6 41-42 Je '61.

FARM LIFE
(see also subdivision under Raygorod District)
Barats, V.I. [The affairs and personnel of a state farm] Dela i liudi odnogo sovkhoza. [Moskva] Izd-vo VTsSPS Profizdat, 1960. 110 p.
Examining collective farmers' use of their time. L. Bibik. Biul. nauch. inform. trud i zar plata 4 no. 6.45-52 '61

FARM MANAGEMENT
(see also subdivision under Bol'shenaryn skiy District; Estonia; North Kazakhstan Province; Virgin Territory)
Pay more attention to the specialization in agriculture F L. Poznokhirin Visnyk sil'. hosp nauky 4 no 6 30-35 Je '61.

FARM MANURE
Manure-removal equipment. A. Gurikhin Tekh. v sel'-khoz 21 no. 6 34-37 Je '61.

FARM MECHANIZATION
(see also subdivision under Altai Territory; Latvia; Virgin Territory; Voronezh Province)
Economic efficiency of the over-all mechanization of corn cultivation. V Mel'nychenko. Ekon. Rad. Ukr. no. 3 19-28 My-Je '61.
From our correspondence Sel'. mekh. no. 6:46 '61.
Important crew in over-all mechanization. N. F. Manukovskii, V. P. Petrov, V. A. Rider. Zashch. rast. ot vred. i bol. 6 no. 1:5-7 Ja '60.
In the Dubossary School of Farm Mechanization. A. Svaiov. Sel' mekh no 6:43-44 '61.
It can't be done without learning. L. Karman. Sel'. mekh. no 6:4-6 '61
Kravchuk, A.T., comp. [Mechanizer came to the farm] Mekhanizator prishel na fermu; sbornik statei. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1961. 115 p. (DA)
Machinery in agriculture [with summary in English]. A. I. Kliuev. Vest. LGU 16 no. 11:27-35 '61
Skillful machinery operators. V. Sidel'nikov. Sel'. mekh no. 6:14-15 '61.
Technical progress and labor productivity in agriculture of the U. S. S. R. S. G. Kolesnev. Dokl TSKhA no. 58: 27-41 '60.

FARM MECHANIZATION—BIBLIOGRAPHY see Bibliography—Farm mechanization

FARM MECHANIZATION—STUDY AND TEACHING
(see also subdivision under Rostov Province)
Rural general technical education. IU. Eroshchev. Komsom. zhizn' no. 24.5-8 D '59.

FARM MECHANIZATION—TECHNOLOGICAL INNOVATIONS
Skilled farm operators. A. Pastukhov. Komsom. zhizn' no. 23:8-9 D '59.

FARM PRODUCE—COSTS
Lowering production costs is a source for the growth of national wealth. A. Vorobeichikov, V. Bol'shakova. Komm. Bel. 35 no. 3:51-57 Mr '61.

FATIGUE
On the problem of muscular fatigue. D. Mateev. Fiziol. zhur. 47 no 1 504-508 Ap '61

FATIGUE, MENTAL
Changes in the electrical activity of the brain in children after school lessons [with summary in English]. IU M. Pratusevich, N. N. korzh Gig i san. 26 no 1 44-50 Ja '61.

FATS see Oils and fats

FATTY ACIDS see Acids, Fatty

FAUCETS
Semiautomatic spray cock for water hoses. Spirt. prom. 27 no. 4 30-40 '61.

FAULTS (GEOLOGY)
(see also subdivision under Carpathian Mountain region; Tuva Autonomous Province; Zhiguli Mountains)
Trenchlike sags of platforms [with summary in English]. I. I. Chebanenko. Dop. AN URSR no. 4:520-522 '61.

FECUNDITY
Relative fecundity of fishes and egg size. A. I. Zotin. Vop ikht 1 no 2:307-313 '61.

FEDERATION OF RHODESIA AND NYASALAND see Rhodesia and Nyasaland

FED'KIN, GAVRIIL IVANOVICH, d. 1960
G. I. Fed'kin; obituary. Izv. vys. ucheb. zav. ;prav. 4 no. 1:182 '60

FEDOROVKA REGION (WESTERN BASHKIRIA)—GEOLOGY, STRATIGRAPHIC
Stratigraphic correlation of middle Devonian sediments in the Fedorovka region of western Bashkiria based on ostracods. A. A. Rozhdestvenskaia. Vop. geol. vost. okr. Rus. platf i Ural no. 4 153-156 '59.

FEED MECHANISMS
Automatic horizontal bumper system. I. I. Shapiro. Les prom. 39 no. 6:13-15 Je '61
Design of vibratory feed mechanisms for bunkers. E. L. Aksel'rad. Vest mash. 41 no. 7:16-20 Jl '61.
Efficient selection of adjustable parameters for the automatic feed mechanism of the SK-3 combine. A. I. Sturis. Dokl. TSKhA no 66:47-51 '61

FEED MECHANISMS—VIBRATION
Effect of the proper delay on the natural vibration and balance of automatic feed mechanisms. G. S. Ioffe Dokl. TSKhA no 66 309-318 '61

FEED MILLS
(see also subdivision under Erkenshlinskiy District; Gorkiy Province, Lvov Province, Orenburg; White Russia)
Improve the structural features and performance of small feed mills A D'iakonov Muk.-elev. prom 27 no 6 21-23 Je '61

FEED WATER see subdivision under Memel

FEED-WATER PURIFICATION
Experimental operation of the apparatus for magnetic processing of feed water. I. Il'in, I. Kostik. Mor. flot 21 no. 1:28-30 Ja '61.

FEED-WATER PURIFICATION—EQUIPMENT AND SUPPLIES
Preparing water in an electromagnetic filter. M. Umanskii Sel'. stroi 16 no. 5:28 My '61

[illegible]QUIPMENT AND SUPPLIES
[illegible]B-1M feed chopping machine. V. IA. Marskii. Sel'khozmash. 31 no. 7:31-32 Jl '61.
[illegible]ucting mesh-reinforced concrete into rural I Domashenko, P. Liutii. Sil'. bud. 11 '61

[illegible] under Gur'yev Province; Moscow

[illegible]ets in feed rations. V. Kurchenko.) Jl '61.
[illegible]ted by Trichoderma fungi. T. E [illegible]tsov. Dokl TSKhA no. 61:228-233

[illegible]vaste for animal feed. P. Chernisev 7 no. 6 23-24 Je '61.

[illegible]ids in feeds V. V. Shcheglov, V. A. [illegible]SKhA no 61 93-98 '61.

[illegible]sion under Kazakhstan; Pskem

[illegible] investigating the laxative effect of [illegible] on animals of the Felidae family. [illegible]. TSKhA no. 61.240-252 '61.

[illegible] under Kuybyshev)
[illegible]actures of the long bones treated [illegible]dullary nailing. V. A. Sorokina. 1:34-36 Ja '61.

FEMUR—WOUNDS AND INJURIES
Comparative rating of methods for treating gunshot wounds of the femur in rabbits with ligated vessels. G. Mamedzade. Dokl AN Azerb SSR 17 no 4:345-347 '61.

FENCES see subdivision under Leningrad

FENCING
Fencing. A. P. Gollanitskii. Teor. i prak. fiz. kul't. 23 no. 5.381-384 '60.
Measures for preventing accidents during fencing competitions Teor. i prak fiz. kul't. 24 no. 6 474-475 '61
Problems in fencing by children. L. S. Blokh. Teork. i prak fiz. kul't. 23 no. 5:374-376 '60.
Rush attack executed by P. Kovacs. L. G. Leitman. Teor. i prak fiz kul't. 23 no. 5 379-380 '60.

FENCING—JUDGING
Dependence of the accuracy of judging in fencing on the duration of work of the judge A A Lalian, I. O Avakian, G. G Gasparian Probl psikhol sporta no. 1: 233-240 '60

FENCING—PSYCHOLOGICAL ASPECTS
Determination of the degree of objectivity in the evaluation of their own results by participants in competition A A. Lalaian, G. G. Gasparian, I. O. Avakian Probl. psikhol. sporta no. 1 228-232 '60.

FENESTRA ROTUNDA—DISEASES
Diseases of the fenestra rotunda in otosclerosis [with summary in English]. E. M. Kharshak, I. A. Iakhan. Zhur. ush., nos. i gorl. bol. 21 no. 2.17-24 Mr-Ap '61.

FEODOSIYA—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
"In search of new forms" by N. A. Zdorov. Reviewed by M. Bol'shakov. Komm. Ukr. 36 no. 7:93-94 Jl '61.

FEODOSIYA—SOILS—ANALYSES
Results of a hygienic analysis of marine bottom sediments near seashores. O. G. Mironov Zdrav Bel 7 no. 5 45-48 My '61

FEODOSIYA REGION—DIATOMS
Diatoms of the Black Sea coast near Feodosiya. O. G. Mironov. Bot. zhur. 46 no. 6 892-896 Je '61.

FERGANA—CONSTRUCTION INDUSTRY
The virgin lands of Fergana. IA. Tolstonog. Sel'. stroi 16 no 5:28 My '61.

FERGANA—FLOODS
Analyzing perennial floods of rivers of the Fergana Valley F E Rubinova Izv AN Uz. SSR, ser. tekh nauk no. 3:59-65 '61.

FERGANA—SOCIALIST COMPETITION
Let our cities become more beautiful. G. Karkinskii. Zhil.-kom. khoz. 11 no 4:7 Ap '61.

FERMENTATION
Processing of sirup mixed with grain. A. I. Malchenko, M. T. Poliusnova. Spirt. prom. 27 no. 4:0-11 '61.

FERMENTATION—CONGRESSES
First International Symposium in Italy I V Konova, M. V Fateeva, N. D IErusalimskii. Mikrobiologiia 30 no. 2 371-374 Mr-Ap '61.

FERMENTATION—COSTS
Production costs of ferment preparations. M. P. Morozov, Z. A. Mitrofanova. Spirt. prom. 27 no. 4:28-30 '61.

FERRATES
Effect of the diffusion of electrons on radio-frequency dispersion of the magnetic permeability of ferrites with garnet-type structure. G. A. Smolenskii, Chzhan TSun [Chang Tsung]. A. K. Stankevich. Fiz. tver. tela 3 no. 2:663-667 F '61
Ferrite valves with decreased dimensions and weight. S. S. Perel'muter. Radiotekhnika 16 no. 6 34-37 Je '61
Intercoupling effects between a cavity resonator and a ferrite. A. L. Mikaelian, V. IA. Antonijants, IU. G. Turkov. Radiotekh. i elektron. 6 no. 7:1184-1193 Jl '61.
Nonlinear gyromagnetic nutation-type effects in ferrites. L. K. Mikhailovskii and others. Radiotekh. i elektron. 6 no. 7:1178-1183 Jl '61.

FERRATES—ELECTRIC PROPERTIES
Investigating the electrical properties of some composite ferrites in alternating electric fields. E. V. Sintsakov, V. P. Avramenko. Fiz tver. tela 3 no. 2:411-415 F '61
Measuring the galvanomagnetic effect in ferrites near the Curie temperature. K. P. Belov, A. S. Pakhomov, E. V. Talalaeva. Fiz. tver. tela 3 no. 2:436-440 F '61.

FERRATES—MAGNETIC PROPERTIES
Anomalous increase in width of the ferromagnetic resonance absorption band in ferrates near the Curie point. K. P. Belov, V. F. Belov. Fiz. tver. tela 3 no. 5:1425-1427 My '61.

FERRATES—SPECTRA
Magnetic spectra of nickel-zinc ferrites at various temperatures. L. A. Fomenko Fiz met. i metalloved 11 no. 6:826-833 Je '61.

FERROCENE

Synthesis of azoferrocene, its reduction and behavior under conditions of benzidine rearrangement. A. N. Nesmeianov, E. G. Perevalova, T. V Nikitina. Dokl. AN SSSR 135 no. 5:1118-1121 Je '61

FERROCYANIDES

Effect of electrolytes and of the hydrogen ion concentration on the recovery of a dispersed phase from the hydrosols of some mixed metal ferrocyanides by means of gelatin foam. S. G. Mokrushin, L. D. Skrylev. Izv. vys. ucheb. zav.; khim. i khim. tekh. 4 no. 1:70-73 '61.

FERROELECTRIC SUBSTANCES

Investigating the dependence of the dielectric constant and the tangent of the angle of dielectric losses in ferroelectrics on the field strength in the range of 50 cps to 100 kc. A. M. El'gard. Fiz. tver. tela 3 no. 5 1485-1492 My '61.

Investigating the dependence of the dielectric constant and the tangent of the dielectric loss angle in polarized ferroelectrics on the field strength in the 50 cps - 100 kc range. A. A. El'gard. Fiz tver. tela 3 no. 5:1515-1521 My '61.

Statistical theory of seignettoelectric and antiseignettoelectric substances. V I. Kliachkin. Fiz. tver. tela 3 no. 2 373-381 F '61.

FERROELECTRICITY

Nonlinear seignettoelectric systems with several Curie temperatures [with summary in English]. M M. Nekrasov, IU. D. Kobtsev Ukr. fiz zhur. 5 no. 1 75-78 Ja-F '60.

FERROMAGNETIC RESONANCE

Anomalous increase in width of the ferromagnetic resonance absorption band in ferrates near the Curie point. K. P. Belov, V. F. Belov. Fiz. tver. tela 3 no. 5:1425-1427 My '61.

Excitation of even harmonics at ferroresonance. V. N. Fetina. Radiotekh. i elektron. 6 no. 7:1207-1208 Jl '61.

Quantum mechanic deduction of antiferromagnetic resonance formulas. Pu Fu-cho [P'u Fu-ch'o]. Fiz. tver. tela 3 no. 2 476-483 F '61

FERROMAGNETISM

Effect of spin-spin and spin-phonon interaction in ferromagnetics on the energy distribution of scattered neutrons. V. N. Kashcheev, M. A. Krivoglaz. Fiz. tver. tela 3 no. 5:1541-1552 My '61.

Quantum theory of the ferromagnetism of collective electrons. S. V Vonsovskii, L. IA. Kobelev. Fiz. met. i metalloved 11 no 6 820-824 Je '61.

FERROMANGANESE

Blowing-in the blast furnace for the production of ferromanganese. B. M. Nosovitskii and others. Metallurg 6 no. 7:8-10 Jl '61

Reducing the amount of ferromanganese used in making G13L steel. IU. A. Shul'te, V. S. Shitikov, M. I. Kurbatov. Lit. proizv. no. 5:40-41 Je '61.

FERTILIZER INDUSTRY see subdivision under Voskresensk

FERTILIZER SPREADERS

New fertilizer spreaders. M. I. Nozhkin. Zemledelie 23 no. 6:46-52 Je '61.

New fertilizer spreaders (from "Farm mechanization" no. 6, 1960). Trakt. i sel'khozmash. 31 no. 6:47-48 Je '61.

FERTILIZERS AND MANURES

(see also subdivision under Azerbaijan; Great Britain; Ural Mountain region)

Ammonia-phosphoric acid method for processing weak sulfur dioxide and the production of "ammofos." N. A. Vasilenko, M. M. Chernobaeva, S. L. Reutova. Khim. prom. no. 6:400-405 Je '61.

Fertilizer granulator. I. Zlochevskii. Tekh. v sel'khoz. 21 no. 6:36 Je '61.

Fertilizers from waste products. IU. Davydov. Nauka i zhizn' 28 no. 5:32 My '61.

FERTILIZERS AND MANURES—BIBLIOGRAPHY see Bibliography—Fertilizers and manures

FESCUE

Biomorphology of Festuca varia Haenke [with summary in English]. E. E. Cogina. Bot. zhur. 46 no. 6:824-841 Je '61.

FETUS

Comparative characteristics of the histogenesis of gastric and intestinal walls in fetuses of Soviet Merino and Gissar sheep. L. V. Davletova. Trudy Inst. morf. zhiv. no. 35:256-269 '61

Longitudinal growth of the skeleton in Gissar sheep in comparison to skeletal growth in the Soviet Merino during the intrauterine development. N. N. Tret'iakov. Trudy Inst. morf. zhiv. no. 35:215-257 '61.

Relationship between the development of the nerve endings of the skeletal muscles and the appearance of movement in the human fetus [with summary in English]. L. F. Mavrinskaia. Arkh. anat. gis. i embr. 38 no. 2:61-68 F '60.

FEUDALISM

Petrov, K. I. [Feudal relations among the Kirghiz from the 15th to 18th century] Ocherki feodal'nykh otnoshenii u kirgizov v XV-XVIII vv. Frunze, Izd-vo AN Kirgizskoi SSR, 1961. 172 p.

FEVER

Effect of changes in food excitability on the course of a febrile reaction in dogs [with summary in English]. L. I. Gorbatsevich Zhur. vys. nerv deiat. 11 no. 2: 254-259 Mr-Ap '61.

Effect of endogenous hyperthermia on the permeability of biological barriers to S35 penicillin, S35 streptocid albam, and radiophosphorus [with summary in English]. I. P. Popov Antibiotiki 5 no. 3:51-55 My-Je '60

FIAGDON VALLEY—GEOLOGY, STRUCTURAL

Main features of the geological textures in complex metal deposits of the Fiagdon-Genaldon interfluve in Northern Caucasus. V. B. Chernitsyn, S. M. Rypinskii, A. V. Apollonov. Izv. vys. ucheb. zav.; tsvet. met. 4 no. 2:3-10 '61.

FIBER GLASS REINFORCED PLASTICS see Glass reinforced plastics

FIBRINOGEN

C-reactive protein and fibrinogen in the blood in patients with myocardial infarct [with summary in English]. G. A. Raevskaia. Sov. med. 25 no. 4:16-22 Ap '61.

Hypo- and afibrogenemia. A. P. Nikolaev. Ped., akush i gin. 23 no. 1:40-45 '61.

FIELD, JOHN, 1782-1837

Nikolaev, A. A. [John Field] Dzhon Fil'd. Moskva, Gos. muzykal'noe izd-vo, 1960. 192 p.

FIELD CROPS

(see also subdivision under Ryazan Province)

Libershtein, I. [How to get two crop yields in a year] Kak poluchit' dva urozhaia v god. Kishinev, Gos. izd-vo "Kartia moldoveniaske," 1960. 86 p. (DA)

Physiological principles of nutrition and measures for increasing the yield and quality of field crops. P. A. Vlasiuk. Visnyk sil'. hosp. nauky 4 no 6:3-21 Je '61.

"Plant breeding" by N. A. Maisurian. Reviewed by IA. G. Momot and others Zemledelie 23 no. 6:94-95 Je '61.

FIELD CROPS—DISEASES AND PESTS see subdivision under Globino District; Tatar A. S. S. R.

FIELD CROPS—FERTILIZERS AND MANURES

(see also subdivision under Moscow Province; Orlov Province)

Applying ammonia water to industrial crops. A. V. Tarasov. Zemledelie 23 no 6:70 Je '61.

Effectiveness of the combined use of manure and mineral fertilizers in flax including grassland crop rotations [with summary in English]. A. D. Kostiuchenko. Trudy VNIIL no 6 108-120 '60.

Increasing the effect of ammonium chloride on farm crops. Zh. T. Holoveshchuk. Visnyk sil'hosp. nauky 4 no. 5 46-49 My '61.

Results obtained from experiments with continuous fertilizer usage in flax including crop rotations [with summary in English] B. A. Dospekhov Trudy VNIIL no 6 163-169 '60

FIELD CROPS—HARVESTING

Protect the crops. P. Ostrikov. Pozh. delo 7 no. 6:5 Je '61.

FIELD MICE see subdivision under Arctic regions; Komi A. S. S. R.; Russia, Northern; Sorodysh Island; Shalyga Island

FIELD THEORY

Characteristics of the scattering amplitude in perturbation theory [with summary in English]. A. Z. Patashinskii, A. P. Rudik, V. V. Sudakov. Zhur. eksp. i teor fiz. 40 no. 1:208-211 Ja '61.

FIGHTER PLANES see subdivision under United States

FIGHTER PLANES—MODELS

Control-line model of a fighter plane. Kryl rod. 12 no. 6:16b-16c Je '61.

FILBERT

(see also subdivision under Ukraine)

Management of filbert groves. M. A. Fedorov. Biul. nauch.-tekh. inform. Ukr. NIILKhA no. 3/4:22-27 '57.

FILL—WAR MEMORIALS

"Battle of Borodino" panorama. Arkhit. SSSR no. 3:53-54 '61.

FILIPPOVICH, ARTEMII NIKITICH, 1901-

Anniversary of a prominent scientist. Zdrav. Bel. 7 no. 5 73 My '61.

FILLERS (IN PAPER, PAINT, ETC.)

Active white filler from superphosphate production wastes. M. G. Gabrielova, V. F. Levin. Khim. prom. no. 6:433 Je '61.

FILMS (CHEMISTRY)

Compatibility of film-forming polymer solutions. E. S. Gurevich, A. M. Frost. Lakokras. mat. i ikh prim. no. 3:11-13 '61.

Film-forming capacity of mixed esters of the acrylic series in the presence of oxidation-reduction systems. M. N. Mogilevich, M. I. Arkhipov. Lakokras. mat. i ikh prim. no. 3:3-8 '61.

FILTERS AND FILTRATION

Building and using filters on the Dneprov water line. G. Rudenko Zhil.-kom. khoz 11 no 4:28-29 Ap '61

Filters for fine-grained and pulverized sand. M. V. Zenkov. Gidr. stroi 31 no. 5:42-44 My '61.

Filters made of caprone. N. Pishchulin, A. Maloian. Na stroi. Ros. no. 3 33 Mr '61.

Gavrilko, V. M. [Filters in water-supply and drainage wells and groundwater exploratory boreholes] Fil'try vodozaborynykh, vodoponizitel'nykh i gidrogeologicheskikh skvazhin. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 383 p.

Procedure for an efficient discarding of mud on disk-type filters. V. A. Zambrovskii. Sakh. prom. 35 no. 6:18-23 Je '61.

Shokhtman, IU. M. [Filtration of low-concentration suspensions] Fil'tratsiia malokontsentrirovannykh suspenzii. Moskva, Izd-vo Akad. nauk SSSR, 1961. 210 p.

Use of an automated filter press for the separation of dye suspensions. M. I. Gol'dfarb, T. A. Malinovskaia. Khim. prom. no. 6:420-424 Je '61.

FINANCE

(see also subdivision under Bashkiria; Estonia; Kiev Province; Odessa Province; Saratov Province; Sverdlovsk Province; Vitebsk Province)

Allakhverdian, D. A. [Finance of a socialist state] Finansy sotsialisticheskogo gosudarstva. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 295 p.

Financial planning and mobilization of internal potentialities. O. Repina, V. Paevskii. Fin. SSSR. 22 no. 6:50-55 Je '61.

Formation and utilization of a consumers' goods fund. S. Vorontsev. Fin. SSSR. 22 no. 6:84-87 Je '61.

Improve the financing of capital repairs. M. Slobodchikova, N. Lisichko, N. Skalozubova. Den. i kred. 10 no. 6:66-68 Je '61.

Koptov, M. M. [Some problems in business accounting during the large-scale building of communism] Nekotorye voprosy khoziaistvennogo raschota v period razvernutogo stroitel'stva kommunizma. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 60 p.

Let us welcome the 22d Congress of the Communist Party with worthwhile accomplishments. V. Garbuzov. Fin. SSSR. 22 no. 6:3-10 Je '61.

New procedure in the financing of expenditures relating to the construction and introduction of new machinery. V. Stetsiura. Ekon. Rad. Ukr. no. 3:115-118 My-Je '61.

Ways of improving the financial operations of supply and sale organizations. B. Mitel'man. Den. i kred. 10 no. 6:24-32 Je '61.

FINANCE—BIBLIOGRAPHY see Bibliography—Finance

FINANCE—CONGRESSES

Improve the financial work in the national economy. E. Utkin. Fin. SSSR. 22 no. 6:93-95 Je '61.

FINANCE—STATISTICS

Working capital and its structure in branches of the national economy of U. S. S. R. Vest stat. no. 6:85-93 '61.

FINANCIAL STATEMENTS

Analysis of annual reports helped to uncover hidden potentialities. I. Belobzhetskii, N. Zaevskaia. Fin. SSSR. 22 no. 6:69-75 Je '61.

FINCHES

(see also subdivision under Krasnyy Chikoy District; Soviet Central Asia)

Some structural characteristics of the tongue and the hyoid apparatus in finches. B. V. Nekrasov. Trudy Zool. inst. 29:213-220 '61.

FINISHES AND FINISHING

Created by the All-Union Building and Road Machinery Research Institute for Building Finishes. Na stroi. Ros. no. 4:3 of cover Ap '61.

Kropotov, V. N. [Building and finishing materials] Stroitel'nye i otdelochnye materialy. Moskva, Gos. izd-vo "Vysshaia shkola," 1960. 311 p.

Polymer film materials for finishings. K. Skirdova, A. Kopyl. Na stroi. Ros. no. 4:30-31 Ap '61.

FINLAND—CITY PLANNING

Landscaping and facilities for residential areas in the cities of Finland. V. Belousov. Stroi. i arkhit. Mosk. 10 no. 4:38-40 Ap '61.

FINLAND—COMMUNIST PARTY—CONGRESSES

Suomen Kommunistinen Puolue. 12 edustajakokous, Helsinki, 1960. [Twelfth Congress of the Communist Party of Finland, Helsinki, April 15-18, 1960. Translated from the Finnish] XII s"ezd Kommunisticheskoi partii Finliandii; Khel'sinki, 15-18 aprelia 1960 g. Moskva, Gos. izd-vo polit. lit-ry, 1961. 159 p.

FINLAND—FORESTS AND FORESTRY

Forests of Finland. V. Solomko. Les prom. 39 no. 6: 31-32 Je '61.

FINLAND—LANDSCAPE ARCHITECTURE

Landscaping and facilities for residential areas in the cities of Finland. V. Belousov. Stroi. i arkhit. Mosk. 10 no. 4:38-40 Ap '61.

FINLAND—MARINE ENGINES

Experience in the operation of "Wartsila-Polär" auxiliary engines. G. Androsov. Mor. flot 21 no. 3 20-23 Mr '61.

FINLAND—SHIPBUILDING

Finnish freighter "Guanabara" [from "The Motor ship," no 484, 1960, "The Shipping World," no 3506, 1960] Sudostroenie 27 no 5 66 My '61.

FIR

Growth of uneven-aged spruce-fir plantations. A. G. Shavnin. Izv. vys. uchcb. zav., les zhur. 4 no. 2 38-44 '61.

FIRE ALARMS

Automatic SPTU-1 fire alarm system. S. Zhdanov, V. Makarov. Pozh. delo 7 no. 6:20-21 Je '61.

FIRE DEPARTMENTS

(see also subdivision under Chelyabinsk, Kuybyshev Province)

Berezhnoi, F. P. [Manual for the chiefs of city fire departments] Posobie dlia nachal'nikov gorodskikh pozharnykh chastei. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1960. 135 p.

FIRE DEPARTMENTS—EQUIPMENT AND SUPPLIES

Wrecker fire truck. N. Shebeko. Pozh. delo 7 no. 6:22 Je '61.

FIRE ENGINES see subdivision under Netherlands

FIRE PREVENTION

Answering readers' queries. Pozh. delo 7 no. 6:29 Je '61.

Author needed help ("Fire prevention measures and fire fighting in rural areas" by A. G. Ivin. Reviewed by N. Afanas'ev). Pozh. delo 7 no. 6:31 Je '61.

Chronicle. Pozh. delo 7 no. 6:30 Je '61.

Fire prevention concerns everybody in an enterprise. P. Gorenkov. Muk. elev. prom. 27 no. 6 26-27 Je '61.

Nikitin, L. I., P. S. Prokof'ev, and E. G. Vinogradov. [Fundamentals of fire prevention] Osnovy protivopozharnoi tekhniki. Moskva, Goslesbumizdat, 1960. 310 p.

Protect the crops. P. Ostrikov. Pozh. delo 7 no. 6:5 Je '61.

Readers' letters. Pozh. delo 7 no. 6:29 Je '61.

"Typical fires" by I. Iontsev and others. Reviewed by M. Dantilov. Pozh. delo 7 no. 6:31 Je '61.

FIRE PREVENTION—STUDY AND TEACHING

In Fergana. A. Kaboskin. Pozh. delo 7 no. 6:26 Je '61.

Know how to train specialists. Pozh. delo 7 no. 6:1-2 Je '61.

FIRE-TESTING

Fire resistance of thin-walled panels made of mesh-reinforced sand concrete. A. I. IAkovlev and others. Bet. i zhel.-bet. no. 5:224-228 My '61.

FIREARMS

Soviet target weapons. S. IUrchuk. Voen. znan. 37 no. 7 33 Jl '61.

FIREBOATS see subdivision under Astrakhan; Great Britain

FIREBRICK

(see also subdivision under Leoben, Austria)

Comments on the decision of the refractories section of the Scientific Technical Department of the Ferrous Metal Industry. Ogneupory 26 no. 5:245 '61.

Dimensions of blast furnace brick. L. M. Orechkin. Ogneupory 26 no. 5 243-241 '61.

Runner brick with increased porosity. Zh. A. Vydrina, V. S. Turchaninov. Ogneupory 26 no. 5, 220-222 '61.

FIREMEN

(see also subdivision under Leningrad, Yaroslavl Province)

Competitions of fire departments. I. Eremenko. Pozh. delo 7 no. 6:19 Je '61.

FIREWEED

Data on the nectar yield of willowherbs in Tomsk Province. E. A. Mikhailova. Izv. Tomsk. otd. VBO 4:109-112 '59.

FIRST AID IN ILLNESS AND INJURY

"First aid and care of the health" [in Rumanian] by O. Belea. Reviewed by D. German. Zdravookhranenie 2 no. 4:58-59 Jl-Ag '59.

FISH, FROZEN

Apparatus for fish glazing. S. IA. Mokenetskii. Ryb. khoz. 37 no. 4:68-71 '61.

FISH, SALT

Hydraulic salting of the Pacific herring; investigation of methods for mechanized salting. I. P. Ivanidov, G. G. Mikhailov. Trudy VNIRO 39 79-82 '59.

Mechanized salting of herring on medium-size trawlers in the North Atlantic. V. V. Perent'ev. Trudy VNIRO 39, 33-71 '59.

Modernizing mechanized lines for salting small fish. L. A. Khodos. Trudy VNIRO 39:171-181 '59.

FISH, SMOKED

Investigating the work conditions of stoves for hot smoking of fish. I. M. Marshak, S. N. Surzhin, S. N. Mizikin. Trudy VNIRO 39 106-132 '59.

FISH AS CARRIERS OF DISEASE

Investigation of the fishes of the Pripet River Basin as bearers of the scleroma bacillus [with summary in English]. B. IA. El'bert and others. Zhur. mikr., epidem. i immunobiol. 21 no. 2:39-44 Mr-Ap '61.

FISH AS FOOD

Method for determining chlortetracycline (CTC) in fish [with summary in English]. G. B. Dubrova, M. I. Rubinshtein. Vop. pit. 20 no. 2 60-62 Mr-Ap '61.

Method of preparing fish feeds for fur-bearing animals. N. I. Verkhina. Ryb. khoz. 37 no. 5 77-79 '61.

Mineral composition of certain species of fish and verification of the relationship between the mineral and protein content [with summary in English]. E. N. Vasil'eva, N. E. Diubiuk, T. D. Lychnikova. Vop. pit. 20 no. 2 54-59 Mr-Ap '61.

FISH CULTURE

(see also subdivision under Bol'shaya, Kandalaksha region; Moscow Province, Sevan, Lake)

Develop pond fish culture in every possible way. Ryb. khoz. 37 no. 5 22-26 '61.

Problems of fish protection in open and mechanical water intake installations. G. Gabrielian. Prom. Arm. 4 no. 4 34-36 Ap '61.

Significance of the circumference index in carp selection. B. S. Kontomarov. Ryb. khoz. 37 no. 5 33-37 '61.

FISH CULTURE—ECONOMIC ASPECTS

The expediency of transferring carp farms to a three-year turnover cycle. K. A. Sadlaev, L. V. Min'kovich, L. V. Mezina. Ryb. khoz. 37 no. 5 27-31 '61.

FISH CUTTING

Fish-cutting machine. B. G. Rudnik. Ryb. khoz. 37 no. 4: 66-68 '61.

FISH MEAL

Amino acid compositions of various fish meal brands. N. A. Lukashik, L. V. Grigor'eva. Dokl. TSKhA no. 61 85-91 '61.

FISH PONDS

Pond fish culture abroad. N. I. Shpet, S. B. Vasil'kioti. Vsesyuz. nauchno-issled. in-t prudovogo rybnogo khoz. i ozernogo rybolovstva, Moskva, Izd-vo Pishchepromizdat, 1960. 111 p.

Pond size and productivity. G. I. Shpet. Ryb. khoz. 37 no. 5 31-33 '61.

FISH PONDS—MICROBIOLOGY see subdivision under Lednice (Czechoslovakia)

FISH PROCESSING PLANTS see subdivision under Armenia

FISH PROCESSING PLANTS—EQUIPMENT AND SUPPLIES

Use of four-link fish processing machines. N. I. Chernigin. Trudy VNIRO 39 207-210 '59.

FISH TAGGING

(see also subdivision under Barents Sea)

Use radioactive isotopes in commercial fishing. V. P. Kondrat'ev. Ryb. khoz. 37 no. 5 62-64 '61.

FISHERIES

(see also subdivision under Russia, Southern)

Basic trends of technical progress in the fishing industry. A. A. Iukov. Ryb. khoz. 37 no. 5:3-21 '61.

Consultations. Ryb. khoz. 37 no. 5 92 '61.

Establishing regulations in wage payment procedures for crew members engaged during the run of marine fishing vessels. Biul. Gos. kom. po vop. truda i zar. platy no. 1 26-28 '61.

Procedures for assigning marine and river fleet vessels of the fishing industry to command personnel wage groups. Biul. Gos. kom. po vop. truda i zar. platy no. 1 20 '61.

Reproduction of fish stocks is an important problem in the national economy. A. I. Isaev. Ryb. khoz. 37 no. 4: 3-7 '61.

FISHERIES—BIBLIOGRAPHY see Bibliography—Fisheries

FISHERIES—CONGRESSES

All-Union Scientific-Technological Conference of Fishery Workers. Ryb. khoz. 37 no. 4:8-15 '61.

FISHERIES—ECONOMIC ASPECTS

Introduction of business accounting on individual fishing boats. B. B. Danilovich. Ryb. khoz. 37 no. 4:75-77 '61.

Mixed brigades as the most efficient form of labor organization. K. G. Balashov. Ryb. khoz. 37 no. 5: 83-87 '61.

FISHERIES—LABOR PRODUCTIVITY see subdivision under Kara-Kalpak

FISHERIES—RESEARCH

(see also subdivision under Pacific Ocean; White Sea)

Development of the theoretical principles of fishery. A. I. Treshchev. Ryb. khoz. 37 no. 5 54-59 '61.

Study of marine mammals in the U. S. S. R. and basic trends in the seven-year plan of research. S. E. Klenenberg. Trudy nauch. ikht. kom. no. 12 7-13 '61.

FISHERY LAW AND LEGISLATION

(see also subdivision under Russia, Northwestern)

State and problems of the regulation of marine mammals fisheries. V. L. Kotov. Trudy nauch. ikht. kom. no. 12 14-17 '61.

FISHERY PRODUCTS—ANALYSIS

Determining the sugar content of sweet-pickled fishery products. M. I. Morshtyn. Ryb. khoz. 37 no. 5 75-77 '61.

FISHERY PRODUCTS—PRESERVATION

Cooling fried fish in a stream of air and in vacuum. G. Kh. Moldavskii and others. Ryb. khoz. 37 no. 5 72-74 '61.

Temperature calculations for thermal fish processing apparatus. B. F. Novitskii. Trudy VNIRO 39:88-105 '59.

FISHERY PRODUCTS—STANDARDS

Russia (1923- U. S. S. R.) Vsesoiuznyi komitet standartov. [Fishes and fishery products; auxiliary materials] Ryba i ryboprodukty; vspomogatel'nye materialy. Izd. ofitsial'noe. Moskva, 1956. 300 p. (SSSR. Gosudarstvennye standarty)

FISHES

(see also subdivision under Dzheyran-Batan, Lake, Kamchatka Gulf, Kara-Kul, Karaginskiy Gulf; Korf Bay)

Sorting of fish based on the shadow area and the use of photocells. S. N. Mizikin. Trudy VNIRO 39:160-165 '59.

FISHES—ANATOMY

Changes with age in the circumference-length relationships in fishes. I. I. Denisov. Vop. ikht. 1 no. 2 291-296 '61.

Mathematical study of the morphometric indices of Baltic herring. B. F. Novitskii. Trudy VNIRO 39:141-147 '59.

Physical and technical characteristics of Caspian herring. A. IA. Kashitskii. Trudy VNIRO 39,143-159 '59.

Physicomechanical characteristics of Baltic herring caught in the Kaliningrad area. A. N. Morev. Trudy VNIRO 39:133-140 '59.

Some physical and technical indices of Caspian herring. A. A. Belousov. Trudy VNIRO 39 166-170 '59.

FISHES—EGGS

(see also subdivision under Peter the Great Bay)

Effect of fixation on the size of eggs, prelarvae, and larvae in some flounder species of the family Pleuronectidae. T. A. Pertseva-Ostroumova. Trudy Inst. okean. 43:337-345 '61.

Relative fecundity of fishes and egg size. A. I. Zotin. Vop. ikht. 1 no. 2:307-313 '61.

FISHES—EMBRYOLOGY see Embryology—Fishes

FISHES—FOOD

(see also subdivision under Volga River)

Diurnal feeding periodicity of some cyprinoid fishes. V. D. Spanovskaia, V. A. Grigorash. Vop. ikht. 1 no. 2:297-306 '61.

Feeding of carp on molluscs [with summary in English] G. I. Shpet. Zool. zhur. 40 no. 6:939-941 Je '61.

"Materials on the food resources and feeding of fishes" "Trudy" of the Institute of Animal Morphology of the Academy of Sciences of the U. S. S. R., no. 13, 1960. Reviewed by M. V. Zheltenkova. Vop. ikht. 1 no. 2: 368-371 '61.

Technique of determining the size-weight characteristics of invertebrate organisms serving as food of fishes. Report No. 8: Length-weight (live, raw, dry) size relationships of labia in larvae of some dragonfly species. E. V. Borutskii, I. I. Girsa. Vop. ikht. 1 no. 2:354-362 '61.

FISHES—GEOGRAPHICAL DISTRIBUTION

Distribution of fresh-water Neogene fishes of the Holarctic and the establishment of zoogeographical regions. V. N. IAkovlev. Vop. ikht. 1 no. 2:209-220 '61.

FISHES—PHYSIOLOGY

Reactive changes in the heart tissues of fishes due to injuries. A. A. Kolosova. Dokl. AN SSSR 136 no. 6 1443-1445 Je '61.

FISHES—RESEARCH see subdivision under Karelia

FISHES, FOSSIL

(see also subdivision under Baltic Sea region)

Conditions of accumulation of fish remains in Maikop sediments. M. M. Matlaevskii, A. V. Kochenov. Izv. vys. ucheb. zav., geol. i razv. 4 no. 3 3-16 Mr '61.

FISHING see subdivision under Jamaica

FISHING—IMPLEMENTS AND APPLIANCES

Investigating and developing the design of machinery for making fish out of drift nets. S. S. Torban, V. N. Danil'chenko. Trudy VNIRO 39:23-42 '59.

Testing and modernizing machines used in hoisting drift nets. S. S. Torban, V. N. Danil'chenko. Trudy VNIRO 39:11-22 '59.

FISHING BOATS

Standardizing the dimensions of storm ports on fishing boats. S. N. Orlov. Sudostroenie 27 no. 5:9-11 My '61.

FISHING NETS

Changes with age in the circumference-length relationships in fishes. I. I. Denisov. Vop. ikht. 1 no. 2:290-296 '61.

Fishing of gray mullets in the Caspian Sea with frame nets. U. Konarbaev, K. U. Kubashev. Ryb. khoz. 37 no. 5:65-68 '61.

Work of fishery regulations in inland waters. A. F. Bondarenko, I. F. Voinarovskii, L. S. Kasperovich. Ryb. khoz. 37 no. 4:36-39 '61.

FISHING NETS—TESTING

Testing tarred cotton and hemp ropes. A. V. Zasosov, S. A. Studenetskii, V. L. Bekarevich. Ryb. khoz. 37 no. 4:59-65 '61.

FISTULA

Transabdominal vesical flap method for closing a vesicovaginal fistula. M. N. Zil'berman. Akush. i gin. 37 no. 1:91-93 '61.

Transvesical closure of a vesicocervical fistula with the aid of a plastic (polyvinyl alcohol). B. S. Gekhman. Akush. i gin. 37 no. 1:94-95 '61.

FLAME

Electron paramagnetic resonance detection of hydrogen atoms in a flame of carbon monoxide and oxygen with molecular hydrogen additions. V. V. Azatian, V. N. Panfilov, A. B. Nalbandian. Kin. i kat. 2 no. 2:295 Mr-Ap '61.

Flame propagation in two- and three-component gaseous mixtures containing hydrogen, methane, nitrogen and nitrous oxide. L. S. Kozachenko, G. I. Skachkov. PMTF no. 2:93-99 Jl-Ag '60.

FLAVONOIDS

Studying the flora of the Altai as a source of flavonoid substances. K. A. Sobolevskaia, V. G. Minaeva. Izv. Sib. otd. AN SSSR no. 4:69-72 '61.

FLAX

(see also subdivision under Ukraine)

Chemical weed control on flax fields. O. A. Stoichev. Zashch. rast. ot vred. i bol. 5 no. 1:26 Ja '60.

Chemical weed control on flax fields [with summary in English]. N. G. Abramov, N. F. Murashova. Trudy VNIIL no. 6:189-203 '60.

"Economics of flax raising collective farms" by V. A. Grachev and others. Reviewed by M. Kozlov. Ekon. sel'khoz. 32 no. 2:124-128 F '61.

Effect of soil moisture on the growth and development of fiber flax [with summary in English]. M. I. Afonin. Trudy VNIIL no. 6:79-85 '60.

How the boron treatment of seeds before sowing affects the yield and physiology of fiber flax under various soil moisture conditions [with summary in English]. N. A. Drozdov, G. P. Sokolov. Trudy VNIIL no. 6:96-107 '60.

Microflora of flax root system and its role in plant nutrition [with summary in English]. E. F. Berezova, L. V. Sidakov. Trudy VNIIL no. 6:170-188 '60.

Using herbicide mixtures on fiber flax fields. F. K. Vorob'ev, A. A. Abueva, N. N. Surkov. Dokl. TSKhA no. 64:109-115 '61.

Using 2M-4X herbicides on flax and oat fields where perennial grasses have been interplanted. B. A. Dospekhov. Dokl. TSKhA no. 64:117-122 '61.

When to sow fiber flax [with summary in English]. M. I. Fortunatova. Trudy VNIIL no. 6:50-63 '60.

Work results of the All-Union Scientific Research Institute of Flax in 1956-1957 [with summary in English]. A. R. Rogash. Trudy VNIIL no. 6:3-26 '60.

FLAX—DRYING

How drying and dew retting flax on stubble affects the quality of fiber. B. A. Dospekhov. Dokl. TSKhA no. 59:91-97 '60.

FLAX—FERTILIZERS AND MANURES

(see also subdivision under Latvia)

Applying mixed organic-mineral fertilizers to fiber flax. A. E. Mykhalovs'kyi, B. I. Aroshovets'. Visnyk sil'-hosp. nauky 4 no. 5:109-110 My '61.

Effect of concentrated mineral fertilizer mixtures on fiber flax yields [with summary in English]. L. I. Petrova. Trudy VNIIL no. 6:141-146 '60.

Effect of various phosphate fertilizers on flax yields and economic evaluation of their effectiveness [with summary in English]. K. S. Listvin. Trudy VNIIL no. 6:121-127 '60.

Effectiveness of the combined use of manure and mineral fertilizers in flax including grassland crop rotations [with summary in English]. A. D. Kostiuchenko. Trudy VNIIL no. 6:103-120 '60.

Role of granulated fertilizers in the nutrition of fiber flax [with summary in English]. A. S. Radov. Trudy VNIIL no. 6:117-132 '60.

FLAX—VARIETIES

Seeding rates and methods for regionally adapted fiber flax varieties [with summary in English]. Z. M. Zhuzhikova. Trudy VNIIL no. 6:61-78 '60.

FLAX BREEDING

Flax breeding and seed production at the Smolensk State Agricultural Experiment Station [with summary in English]. Z. N. Borodich. Trudy VNIIL no. 6:27-31 '60.

FLAX PROCESSING MACHINERY

Flax threshing machinery. V. Nazarov. Trakt. i sel'khozmash. 31 no. 6:40-41 Je '61.

Investigating power indices of flax harvesting and threshing machinery [with summary in English]. M. N. Shreder. Trudy VNIIL no. 6:204-215 '60.

Investigating technological processes of the mechanized threshing of flax. M. F. Fedukov. Dokl. TSKhA no. 66:67-74 '61.

FLAX PROCESSING MACHINERY—TESTING

Testing flax harvesting machinery. L. I. Khatis. Trakt. i sel'khozmash. 31 no. 6:24-26 Je '61.

FLAXSEED—CLEANING

Investigating the cleaning of fiber flax seeds with flat and cylindrical sieves [with summary in English]. A. A. Krylov. Trudy VNIIL no. 6:216-225 '60.

FLEA BEETLES see subdivision under Crimea

FLEAS

(see also subdivision under Azerbaijan; Tien Shan)

Biology of the flea Ceratophyllus (Nosopsyllus) consimilis Wagn. 1898 (Ceratophyllidae, Aphaniptera) [with summary in English]. A. N. Alekseev. Zool. zhur. 40 no. 6:840-847 Je '61.

Laboratory methods for studying the biology of flea reproduction (Aphaniptera) [with summary in English]. A. N. Kir'iakova. Ent. oboz. 40 no. 2:443-447 '61.

FLEROV, ALEKSANDR FEDOROVICH, 1872-1960

In memory of Aleksandr Feodorovich Flerov. G. R. Matukhin, I. F. Liashchenko, N. N. Arkhangel'skii. Bot. zhur. 46 no. 6:912-914 Je '61.

FLIES

Effect of various quantities of DDT on the development of the process of poisoning in flies [with summary in English]. N. B. Il'inskaia. Ent. oboz. 40 no. 2:282-286 '61.

FLIES—EXTERMINATION see subdivision under Mytishchi

FLIES AS CARRIERS OF DISEASE

Ophthalmomyiasis. G. S. Savinykh. Med. zhur. Uzb. no. 5:74-75 My '61.

FLIGHT

Aerodynamics of the figure flight of birds [with summary in English]. V. E. Akobi. Biofizika 4 no. 5:614-617 '59.

FLIGHT TRAINING

If only his friends could see him ... V. Telepnev. Kryl. rod. 12 no. 3:7 Mr '61.

Retraining. M. N. Kazdoba. Vest. Vozd. Fl. no. 3:39-42 '61.

FLOOD CONTROL

Livshits, I. S. [Protection against the run of ice and high waters] Zashchita ot ledokhoda i vysokikh vod. Moskva, Goselesbumizdat, 1961. 110 p.

FLOOR COVERINGS

Synthetic materials for floor coverings. V. Koshkin. Na stroi. Ros. no. 4:23-25 Ap '61.

FLOORS

Akademiia stroitel'stva i arkhitektury. Institut betona i zhelezobetona, Porovo. Instructions for planning floors in plants with corrosive atmospheres [Instruktsiia po proektirovaniiu polov v tsekhakh s agressivnymi sredami. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 93 p.

L. Gubin's building appliance. Stroi. i arkhit. 9 no. 4:32 Ap '61.

My experience with building xylolite floors. V. Fedorov. Stroitel' no. 5:7-9 My '61.

FLOORS, CONCRETE

Cutting reinforced-concrete flooring. V. M. Khrulev. Bet. i zhel.-bet. no. 5:223-224 My '61.

Mesh-reinforced concrete parts in floors above ground level. N. Spivak, V. Krottan. Zhil. stroi. no. 5:30-31 My '61.

Precast reinforced concrete floors. V. Sokolov. Zhil. kom. khoz. 11 no. 4:30-31 Ap '61.

FLORESHTY—SYPHILIS

Role of familial investigations in the diagnosis and treatment of syphilis. N. S. Rotban. Zdravookhranenie 2 no. 4:11-13 Jl-Ag '59.

FLOTATION

(see also subdivision under Sikhote-Alin')

Effect of a mixture of alcohols and xanthates on the flocculation of galena. T. P. Avilova, I. I. Nagirniak. Izv. vys. ucheb. zav., gor. zhur. no. 1:150-156 '61.

Effect of oxidizers and the oxygen in the air on the flotation of hematite and magnetite. F. N. Belash, A. I. Andreeva. Gor. zhur. no. 6:56 Je '61.

Flotation of chrysocolla. T. G. Gutsaliuk, M. A. Sokolov, M. P. Korablina. Izv. AN Kazakh. SSR. Ser. met., obog. i ogneup. no. 1:3-7 '61.

Mechanism of the effect of pulp pH on the floatability of titanium minerals. Lu Shou-tzy [Lu Shou-tzŭ], S. I. Pol'kin. Izv. vys. ucheb. zav.; tsvet. met. 4 no. 2:27-32 '61.

Selective flotation of cassiterite with a cation collector. P. G. Verkholantsev. Izv. Sib. otd. AN SSSR no. 6:23-30 '61.

Use of a combined depressant of waste rock minerals in the flotation of iron ores [with summary in English]. F. N. Belash, P. A. Hontarenko. Dop. AN URSR no. 5:640-643 '61.

FLOTATION—EQUIPMENT AND SUPPLIES

Flotation of cement copper with divanthogens. A. A. Gokhov. TSvet. met. 34 no. 6:10-12 Je '61.

FLOUNDERS

(see also subdivision under Barents Sea, Kamchatka Gulf, Karaginskiy Gulf)

Effect of fixation on the size of eggs, prelarvae, and larvae in some flounder species of the family Pleuronectidae. T. A. Pertseva-Ostroumova. Trudy inst. okean. 43:337-345 '61.

FLOUR see subdivision under Germany, West

FLOUR AND FEED TRADE see subdivision under Ukraine

FLOUR MILLS

(see also subdivision under Gorkiy, Rubtsovsk; Sterlitamak; Yaroslavl)

Checking the dustiness of air before adjusting dust controlling installations in grain milling enterprises. V. V. Korotkov, IA. Benin. Muk.-elev. prom. 27 no. 6:25 Je '61.

FLOUR MILLS—EQUIPMENT AND SUPPLIES

(see also subdivision under Alma-Ata)

Improve the quality of scourers. V. Igumentseva. Muk.-elev. prom. 27 no. 5:20 My '61.

FLOWMETERS

Compensatory electromagnetic flowmeter with an automatic suppression of the quadrature interference. K. I. Didenko and others. Priborostroenie no. 7:11-13 Jl '61.

Flowmeter for measuring small amounts of liquids. G. A. Maiatskii. Priborostroenie no. 7:13-14 Jl '61.

New principle for measuring the rate of gas flow. Iu. I. Ivlichev, E. A. Ismiev. Priborostroenie no. 7:14-15 Jl '61.

Use of radioactive isotopes for measuring the flow of water streams. I. Mechitov. Prom. Arm. 4 no. 4:31-34 Ap '61.

V-1 air-flow meter. Shakht. stroi. 5 no. 5:4 of cover My '61.

FLUID DYNAMICS

Flow of a rarefied gas from a point source into a vacuum. A. IA. Presetnov. Dokl. AN SSSR 138 no. 6:1305-1308 Je '61.

Hydraulic resistance of an ascending two-phase flowing liquid. L. IA. Zhivaikin, B. P. Volgin. Zhur. VKHO 6 no. 3:354-355 '61.

Imperfect-gas flow in the presence of heat transfer. L. L. Mezhirov. Izv. AN SSSR Otd. tekh. nauk. Mekh. i mashinostr. no. 3:184-185 My-Je '61.

Nonstationary flow of the noncompressible Maxwellian fluid through a gap between two unlimited parallel planes. A. I. Leonov. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 3:58-67 My-Je '61.

FLUID DYNAMICS—ELECTROMECHANICAL ANALOGIES

Simulating circulation flows by the method of electrohydrodynamic analogy using a rotational electric field. G. A. Riazanov. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 3:68-77 My-Je '61.

FLUID MECHANICS

Uniform screw motion in a cone. S. A. Bostandzhiian. Prikl. mat. i mekh. 25 no. 1:140-145 Ja-F '61.

FLUIDIZATION

Determination of the coefficient of heat transfer in coincal reactors having a granular solid fluidized bed. E. N. Gel'perin. Zhur. VKHO 6 no. 3:349-350 '61.

"Fluidized bed" is a new hardening medium with controlled cooling properties. N. N. Varygin. Metalloved. i term. obr. met. no. 6:13-18 Je '61.

Hydrodynamic calculations for roasting furnaces with a fluidized bed I G. Martiushin TSvet met 31 no. 6 32-39 Je '61.

Inhomogeneity of a fluidized catalyst bed. I. IA. Tiurlaev, A. L. TSaitlingol'd, A. B. Builov. Khim. prom. no. 5:356-359 My '61.

Research on the process of the beneficiation of various materials in a fluidized bed V L Przhetslavskii Gor. zhur. no. 6:65-66 Je '61.

Roasting sulfide gold-bearing concentrates in a fluidized bed. I. I Kerzhanskii, G. S. Gubaidullin. TSvet. met 31 no. 6:45-50 Je '61.

FLUORENE

Aromatic hydrocarbons. Part 19: 2-Phenylfluorenes V R Skvarchenko, D TS TSybikova, R IA Levina Zhur ob khim, 31 no 6,1819-1822 Je '61

FLUORESCEIN

Identification of the pathogens of botulism by means of luminescent sera [with summary in English] T I. Bulatova, E. A. Kabanova Zhur. mikrobiol epid. i immun 31 no 3 18-22 Mr '60

Method of obtaining and applying fluorescein isocyanate-labeled sera in microbiology [with summary in English] A. I Glubokina and others. Zhur mikrobiol epid i immun. 31 no 3 3-8 Mr '60

Variations of the method of fluorescent sera [with summary in English] I. F. Mikhailov, L. Li Zhur. mikrobiol epid i immun 31 no 3 9-13 Mr '60

FLUORESCENCE

Fluorescence method used in the determination of micro-amounts of metals in the form of compounds of metal-thiocyanate (halide) with a basic dye. Report No. I: Determination of zinc by the fluorescence quenching of aqueous solution of rhodamine C [with summary in English]. A. K. Babko, Z. I. Chalaia. Zhur. anal. khim. 16 no. 3:269-271 My-Je '61.

"Light carriers." I. Leonidov. Nauka i zhizn' 28 no. 5: 69 My '61.

FLUORESCENCE MICROSCOPY

State and prospects for the development of methods of fluorescence analysis in hydrobiology. S V. Gorbunova, G. N Rzhanova. Usp. sovr. biol. 51 no. 3:369-378 My-Je '61.

FLUORESCENT LAMPS

Concerning the assortment of fluorescent lamps. G M. Knorring Svetotekhnika 7 no 6-8-11 Je '61.

Concerning the use of a circuit for the quick ignition of fluorescent lamps for use by railroads. A. G. Alikhanidi. Svetotekhnika 7 no. 4:28-29 Ap '61.

Efficient circuit for connecting fluorescent lamps. A. G. Alikhanidi, V. P. Sasorov. Svetotekhnika 7 no. 4:27 Ap '61.

Large tube-type xenon "sun" lamps operating without ballast resistors. I. S. Marshak and others. Svetotekhnika 7 no. 4:8-17 Ap '61.

FLUORESCENT LIGHTING
(see also subdivision under Leningrad)

Concerning efficient circuits for connecting a wide range of fluorescent lamps. V. S. Litvinov. Svetotekhnika 7 no. 5:29-30 My '61.

Design of the networks of lighting systems with fluorescent lamps. L. A. Raitsel'skii. Svetotekhnika 7 no. 5: 19-22 My '61.

Efficient circuit for connecting fluorescent lamps and starting devices. M. S. Riabov. Svetotekhnika 7 no. 6 29-30 Je '61.

Evaluating the quality of lighting E B. Sheftel'. Svetotekhnika 7 no. 6:12-17 Je '61.

Luminophors for fluorescent lamps with improved color transmission. B. M. Gugel', E. S. Lapir. Svetotekhnika 7 no. 5:7-11 My '61.

Use of fluorescent light fixtures. G. D. Grishin. Svetotekhnika 7 no 6 27-28 Je '61.

FLUORIDES

Crystal hydrates of ammonium fluoride. A. G. Treshchov. Dokl. VSKhA no. 21 [illegible]

FLY ASH

Nonviscous material balance for nickel in the blast furnace smelting of chromium-nickel cast iron. A B. Glovatskii, G. I Chasovitin Izv. AN Kazakh. SSR. Ser met , obog. i ogneup. no. 1 14-19 '61

Using fly ash from thermal electric stations as cement additives V. V. Stol'nikov, V. V. Kind. Gidr. stroi. 31 no. 6:18-22 Je '61.

FLYING FISH
(see also subdivision under Indian Ocean; Pacific Ocean)

Principles underlying the classification of flying fishes (families Oxyporhamphidae and Exocoetidae) N V Parin Trudy Inst. okean. 43,82-183 '61.

FLYSCH
(see also subdivision under Crimea)

Some types of gravity deformations in terrigenous flysch Z A. Mishunina Trudy VNIGRI no. 163,501-513 '60

Structure of the rhythms of stratification (multilayer) in flysch V. A Grosgeim, K F. Korotkova Izv vys ucheb zav., geol i razv. 4 no 2 3-19 F '61

FM RADIO see Radio frequency modulation

FOALS see Colts

FOAM RUBBER—ANALYSIS

Method of determining the percent composition of the blowing agent "porofor-5" in raw rubber mixtures. E S. Khoroshala, A N Lykova, B A Safiat Kozh - obuv. prom. 3 no. 3,27-28 Mr '61

FOLDS (GEOLOGY) see subdivision under Kara-Chukhur region

FOLIC ACID

Indicators of the status of the folic acid supply in the human body. A. V. Trufanov. Vop pit. 20 no 2:70-75 Mr-Ap '61.

FOLK DANCING

[Dances; Usman pereplias, "Prove it" (a Kama quadrille)] Tantsy; Usmanskii pereplias, "Dokazyval" (prikamskaia kadrelka). Moskva, "Sovetskaia Rossia." (Bibliotechka khudozhestvennaia samodeiatel'nosti, no. 10)
No. 1. 1961. 139 p.

FOLK DANCING, AFRICAN

Dancing is the soul of Africa [with English summary in insert]. Yulamei Scott. Az. i Afr. seg. no. 6,50-52 Je '61.

FOLK DANCING, TATAR

Tagirov, Gai. [Tatar dances] Tatarskie tantsy. Pod red. IU. V. Vinogradova. Kazan', Tatarskoe knizhnoe izd-vo, 1960. 220 p. [Parallel texts in Russian and Tatar.]

FOLK LITERATURE

Forms of contemporary folk literature. V. Anikin. Vop. lit. no. 12:158-165 D '59.

FOLK MUSIC see subdivision under Moldavia

FOLK POETRY

The unity of literature and folklore. G. Samarin. Vop. lit. no. 12:166-173 D '59.

FOLK SONGS—HISTORY AND CRITICISM

Bershadskaia, T. S. [Basic compositional principles of the multivoiced folk song of Russian peasants] Osnovnye kompozitsionnye zakonomernosti mnogogolosiia russkoi narodnoi krest'ianskoi pesni. Pod red. Kh. S. Kushnareva. Leningrad, Gos. muzykal'noe izd-vo, 1961. 155 p.

FOOD

New method for simultaneous registration of gastric tonus, motor activities, and evacuation in studying the influence of food temperature [with summary in English]. IU. K. Vasilenko. Vop. pit. 20 no. 2:28-35 Mr-Ap '61.

FOOD ADDITIVES

...y in the food industry. I. Vol'per. Nauka i ... 76-77 My '61.

...ANIMALS see Animals, Food habits

...n of the International Association of ... Hygienists. M. M. Danilov. Vop. pit. My-Je '61.

P. Babin, and V. A. Smirnov. [Technology in branches of industry] Tekhnologiia ...aslei promyshlennosti; uchebnoe posobie ...i partiinykh shkol. Pod red. G. V. Sof... Izd-vo VPSh i AON pri TsK KPSS, ...ood industry] Pishchevaia promyshlen...st'. 1961. 189 p.

...a for assigning food industry enter... ...erial engineers' and technicians' wage ...se, kom po vop. truda i zar. platy

FOOD INDUSTRY

Aristov, D. B., V. Kh. Ziakinder, and I. E. Shapiro. [Modern automatic machines for packaging and packing food products] Sovremennye avtomaty dlia rasfasovki i upakovki pishchevykh produktov. Moskva, Vses. in-t nauchnoi i tekhn. informatsii, 1961. 102 p.

FOOD POISONING
(see also subdivision under Azerbaijan)

Familial outbreak of food poisoning. T. V Smirnova and others. Gig. i san. 26 no. 1 115-116 Ja '61.

Food poisoning caused by S Breslau variations E I Shik. Zhur mikrobiol epid i immun 31 no 12 111-11 D '60

Food poisoning of staphylococcal etiology, caused by the addition to food of milk from cows with suppurative diseases of the udders [with summary in English] G. P. Popov, I. L Poliakova. Zhur mikrobiol epid i immun 32 no 2,119-121 F '61.

Outbreak of food toxinfection caused by paratyphoid C bacteria R. A Akopian Zhur mikrobiol. epid i immun. 31 no 12 98-99 D '60

Phagepattern of staphylococci isolated during the regular inspection of confectionary factories and in connection with food poisoning [with summary in English] N P Nefed'eva, S. L. Petrovich, L. I Petrushina Vop p r 20 no. 3 51-55 My-Je '61

FOOT—ABNORMITIES AND DEFORMITIES

Paralytic pes calcaneus and its treatment D F. TSvetkova. Zdrav. Bel 7 no. 5 34-37 My '61

FOOT—BLOOD SUPPLY

Veins of the foot bones in man [with summary in English] I. K. Przhezdetskaia. Arkh anat. gist. i embr 38 no 3 52-60 F '60.

FOOT—CARE AND HYGIENE

Kol'gunenko, I. I. [Care for the skin of the hands, feet and for the nails, manual for manicurists] Ukhod za kozhei ruk, nog i za nogtiami; posobie dlia manikiurshi. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 85 p.
(DNLM)

Protect your feet. V. IA. Lagutina Zdorov'e 7 no 7 31 Jl '61

FOOT—DISEASES

Control of athlete's foot among workers of a plant producing rubber and industrial goods. N. N. Chumakov and others. Sov. med. 25 no 5:149-151 My '61.

FOOT—TUMORS

Treatment of verruca plantaris, plana and vulgaris with Gordeev's paste. IU. K. Skripkin, B. A. Sorokov, I N Vedrova. Sov. med. 25 no. 5,151-153 My '61.

FOOTBALL—PSYCHOLOGICAL ASPECTS

Formation of volitional qualities in football players G M. Gagaeva. Probl psikhol. sporta no 1:160-177 '60

FORAGE PLANTS
(see also subdivision under Tomsk Province)

Economic effectiveness of the repeated planting of forage crops. O IE Zabrodskyi. Visnyk sil'skosp nauky 4 no. 5 3-6 My '61.

FORAGE PLANTS—DISEASES AND PESTS

Gerasimova, A. I., and O. M. Miniaeva. [Diseases and pests of forage grasses] Vreditelli i bolezni kormovykh trav. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 359 p.
(DA)

FORAMINIFERA, FOSSIL
(see also subdivision under Aral Sea region; Azerbaijan; Russia, Southern; Vakh Valley)

Cyclic recurrence of the phyletic development in Foraminifera. N K. Bykova. Trudy VNIGRI no. 163, 300-336 '60.

Problem of the evolution of Jurassic trocholina [with summary in English]. O. K. Kapterenko-Chernousova. Dop. AN URSR no. 6:800-811 '61.

FORCE AND ENERGY

Electron paramagnetic resonance study of the transfer of energy to aromatic groups during the radiolysis of certain organic compounds. IU. N. Molin and others. Kin. i kat. 2 no. 2:192-196 Mr-Ap '61.

The free energy of phosphoserine hydrolysis [with summary in English]. G. E. Vladimirova, A. I. Komkova, N. A. Fedorova. Biokhimiia 26 no 3:420-430 My-Je '61.

Possibility of energy migration among tryptophan molecules. S. V. Konev, M. A. Katibnikov, M. A. Petrova. Biofizika 6 no. 3:375 '61.

Possible mechanisms of energy migration in the protein molecule [with summary in English] IU. A. Vladimirov, S. V. Konev. Biofizika 4 no. 5:533-540 '59.

FOREIGN BODIES (SURGERY)

Use of a petrographic method for the study of mineral particles in animal tissues and urine after the introduction of quartz-containing dust. P. I. Tiutin, E. P. Kozhevnikova. Arkh. pat. 23 no. 4:54-61 '61.

FOREIGN EXCHANGE

Brief information on foreign exchange and banks abroad. Den. i kred 19 no 5-76-80 Je '61

Frei, L. I. [International clearance and financing of foreign trade in capitalist countries] Mezhdunarodnye raschety i finansirovanie vneshnei torgovli kapitalisti cheskikh stran. Izd. 3., perer. i dop. Moskva, Vneshtorgizdat, 1960. 437 p.

FOREST ECOLOGY
(see also subdivision under Pyshma Valley)

Biogeocoenotic description of forest types. A. A. Molchanov. Soob. Lab. lesoved. AN SSSR no. 4 16-39 '61.

Materials on experiments and observations concerning the role of wild animals in carrying tree and shrub berry seeds into open biotopes of the forest-steppe B. V. Obraztsov Soob Lab lesoved AN SSSR no 3;69-88 '61

Significance of the photosynthesis of temporarily flooded plants of common haircap moss and sphagnum in forests and clearings A. V. Veretennikov. Dokl. AN SSSR 138 no. 6 1467-1469 Je '61.

FOREST FAUNA

Some patterns of the distribution of birds in the forest zone N. P. Dubinin, T. A. Toropanova. Ornitologiia no 3 114-121 '60.

FOREST INSECTS
(see also subdivision under Baikal Lake region)

Attracting insectivorous birds into shelterbelts, and ravine and isolated forests. G. E. Korol'kov. Soob Lab. lesoved AN SSSR no. 3-33-45 '61

Extermination of the Siberian silkworm (Dendrolimus sibiricus) by animals and birds in cedar pine forests of the Lake Baikal region N. F. Reimers, A. S. Rozhkov. Trudy Vost.-Sib fil AN SSSR no 23 15-32 '60

FOREST INSECTS—BIOLOGICAL CONTROL

Ecology of the crested titmouse and its significance for forest protection in Moscow Province. A. A. Inozemtsev Ornitologiia no. 3 146-160 '60

Materials on the feeding of migratory birds in forest belts of the southern Ukraine N. A. Khokhlova Ornitologiia no 3 259-269 '60

FOREST MANAGEMENT
(see also subdivision under Ukraine)

Improvement cuttings in steppe plantations. P. P. Izumskii. Biul. nauch.-tekh. inform. Ukr. NIILKhA no. 3/4: 8-15 '57.

Pay more attention to improvement cuttings in forests. P. P. Izums'kyi. Visnyk sil'hosp. nauky 4 no. 7 51-56 Jl '61

FOREST NURSERIES

Winterkilling of young tree and shrub seedlings in nurseries. V. A. Chersivin. Biul. nauch.-tekh. inform. Ukr. NIILKhA no. 3/4:34-37 '57.

FOREST REPRODUCTION see subdivision under Sverdlovsk Province

FOREST ROADS

Make greater use of reinforced concrete slabs. S. A. Finkel'shtein. Les prom. 39 no 6;15 Je '61.

FOREST SOILS see subdivision under Bulgaria; Ural Mountain region

FOREST SOILS—BIBLIOGRAPHY see Bibliography—Forest soils

FORESTRY LAW AND LEGISLATION

Discussing G. N. Poliakova's book "Legal regulations on the government ownership of Soviet forests" Sov gos. i pravo 31 no 6;114-116 Je '61.

Isupov, D. N. [Legal rules governing the cultivation and utilization of Soviet forests] Pravovoi rezhim lesov SSSR. Sverdlovsk, 1960. 314 p. (Sverdlovsk. IUridicheskii institut. Uchenye trudy, vol. 1)

Law and forestry ("Laws governing the exploitation of Soviet forests" by D. N. Isupov. Reviewed by L. N. Bakhovkina). Sov. gos. i pravo 31 no. 6;135-137 Je '61

FORESTRY RESEARCH

Reorganization of the Institute. Biul. nauch.-tekh. inform. Ukr. NIILKhA no. 2;52-53 '57.

FORESTS AND FORESTRY
(see also subdivision under Caucasus; Crimea; Finland; Irtysh Valley; Leningrad region; Ob' Valley; Siberia; Siberia, Eastern; Soviet Far East; Transcarpathia; Ukraine)

Book on forests of the world ("A world geography of forest resources" by S. Haden-Guest and others. Reviewed by N. Sofronov). Les. prom. 39 no. 6-32 Je '61.

Dinesman, L. G. [Effect of wild mammals on the formation of tree stands] Vliianie dikikh mlekopitaiushchikh na formirovanie drevostoev. Moskva, Izd-vo Akad. nauk SSSR, 1961. 164 p.

Grozdov, B. V. [Treasures of the forest] Sokrovishcha lesa. Pod red. L. M. Leonova. Izd. 2., ispr. Moskva, Goslesbumizdat, 1960. 157 p.

Investigating early animal populations for the paleogeographic study of forests I. G. Dinesman Soob. Lab lesoved AN SSSR no 3-89-99 '61.

Leafage of hardwood plantations in the steppe zone. N. F. Poliakova-Minchenko. Soob. Lab. lesoved. AN SSSR no. 4 40-53 '61.

Members of the Scientific Technical Society discuss a book ("Forest resources of the U S S R and of the world" by A. Bukshtynov Reviewed by K. A. Dvoeglazov, A. N. Kuznetsov). Les. prom 39 no 5 3 of cover My '61

Out-session of the Learned Council of the Institute. Biul. nauch.-tekh. inform. Ukr. NIILKhA no. 3/4:70-72 '57.

Structure of forest plantations as a condition for their high productivity V. P. Tinofeev. Dokl. TsKhA no. 59: 107-116 '60.

Sukachev, V. N., and S. V. Zonn. [Instructions for studying forest types] Metodicheskie ukazaniia k uzucheniiu tipov lesa. Izd. 2., perer. i dop. Moskva, Izd-vo Akad. nauk SSSR, 1961, 143 p.

Utilize and protect the treasures of the taiga L. I. Lopukhov. Les prom. 39 no 6, 3-4 Je '61.

FORESTS AND FORESTRY—ACCOUNTING see subdivision under Maritime Territory

FORESTS AND FORESTRY—BIBLIOGRAPHY see Bibliography—Forests and forestry

FORESTS AND FORESTRY—STATISTICS

Tiurin, A. V. [Principles of variational statistics in forestry] Osnovy variatsionnoi statistiki v primenenii k lesovodstvu. Moskva, Goslesbumizdat, 1961. 102 p.

FORESTS AND FORESTRY—VALUATION see subdivision under Ural Mountain region

FORGE SHOPS—EQUIPMENT AND SUPPLIES

Modernization of forging manipulators. IU. A. Zhuravlev. Kuz.-shtam. proizv. 3 no. 3;42-43 Mr '61.

Selecting a power carrier for the heating of blanks in a forge. V. N. Glushkov. Kuz.-shtam. proizv. 3 no. 3; 33-35 Mr '61.

FORGE SHOPS—TECHNOLOGICAL INNOVATIONS

Some problems in the reorganization of forge and stamping shops. V. N. Glushkov. Vest. mash. 41 no. 7. 58-62 Jl '61.

FORGING

Advantages of paired stamping. P. G. Shishlakov. Mashinostroitel' no. 6;22-23 Je '61.

Calculating the temperature of the flash in press forging. E. A. Sonkin. Kuz.-shtam. proizv. 3 no. 3;8-9 Mr '61.

Combined flowsheet for the production of forgings. V. G. Makarov. Kuz.-shtam proizv. 3 no. 7.44-46 Jl '61.

Effect of conditions of deformation and subsequent heat treatment on the properties of the E1437B alloy. M. IA. Dzugutov, B. F. Vakhtanov. Kuz.-shtam. proizv. 3 no. 3;3-7 Mr '61.

Effect of the coefficient of external friction on the filling of die cavities. N. A. Kravchenko. Kuz.-shtam. proizv. 3 no. 7;10-12 Jl '61.

Explosion piercing of holes in manufacturing railroad cars K. I. Zaitsev. Izv. vys. ucheb. zav.; mashinostr. no. 4;161-167 '61.

Forging and press forging of cast iron. S. I. Kliuchnikov. Kuz.-shtam. proizv. 3 no. 3;19-23 Mr '61.

Glikin, N. M., and M. N. Sosnenko. [Technology of hot metalworking] Tekhnologiia goriachei obrabotki metallov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961, 280 p.

Investigating the plasticity of structura rates of deformation. V. G. Kononenko V. G. Chizhov. Kuz.-shtam. proizv. 3

Investigation of contact friction forces I. IA. Tarnovskii and others Izv. vys chern. met. 4 no. 6;53-59 '61

Low-waste forging of circular parts in shaped flash pan. A. P. Atroshenko. proizv 3 no. 6.4-7 Je '61.

New method for stamping connecting r A. Mardzhanian. Prom. Arm. 4 no.

New type of blanking dies for forgings shaft forging presses. D. E. Shaposhn proizv. 3 no. 3;36-38 Mr '61.

Piercing cylindrical openings in forging Liashenko. Kuz.-shtam. proizv. 3 n

"Precision stamping in the manufactur by B. I. Shishkov. Reviewed by D. A. rostroenie no. 7.31-32 Jl '61.

Seamless forging with drop-forging cra Severdenko and others. Sbor. nauch. t inst. AN BSSR no. 6;58-65 '60.

Shaping of blanks on forging rolls. F. Kuz.-shtam. proizv. 3 no 6;13-17

Stamping forgings with internal webs. V A. I. Makusevich. Sbor. nauch. trud. Fi BSSR no. 6:8-33 '60.

Vibrational metal deformation with limi M. IA. Karnov. Kuz.-shtam. proizv. '61.

FORGING—BIBLIOGRAPHY see Bibliography—Forging

FORGING—CONGRESSES

All-Union Competition on the Automatic Control of Forging Operations. V. V. Filippov. Kuz.-shtam. proizv. 3 no. 3 3 of cover Mr '61.

FORGING MACHINERY

Determining deformations under the effect of vibration loading. M. IA. Karnov. Kuz.-shtam proizv. 3 no. 6 21-23 Je '61

Determining dynamic loads in swinging-type cam gear on cold headers. IU. A. Miropol'skii. Kuz.-shtam. proizv. 3 no. 3-23-26 Mr '61.

Determining loads on parts of a gripping mechanism of a forging machine manipulator. V. G. Mironov. Kuz.-shtam. proizv. 3 no. 3 30-32 Mr '61.

Give further development to the manufacture of forging presses. Kuz.-shtam. proizv. 3 no. 3;1-2 Mr '61.

Greater accuracy in the methods of determining forces required for upset forging. E. N. Moshnin, N. M. Zolotukhin. Kuz.-shtam. proizv. 3 no. 3-18-19 Mr '61.

Ivanov, A. P., and V. D. Lisitsyn, eds. [Modernization of forging and die-stamping equipment] Modernizatsiia kuznechno-shtampovochnogo oborudovaniia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 226 p.

Liashenko, S. V. [Use of dies with dished-spring shock absorbers for trimming presses Minsk Tractor Plant practices] Primenenie shtampov s amortizatorami iz tarel'chatykh pruzhindlia obreznykh pressov; opyt Minskogo traktornogo zavoda. Leningrad, 1960. 11 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila: Kovka i goriachaia shtampovka, no. 5)

Modernization of models A163 and A164 two-stroke cold upsetters with sectional dies. D. D. Matiushchenko. Kuz.-shtam. proizv. 3 no. 7;37-41 Jl '61.

Multistage automatic presses. L. A. Prishchepionok. Kuz.-shtam. proizv. 3 no. 3;27-30 Mr '61.

New design of packing for rods in the cylinders of steam and air hammers. P. D. Nepechii, S. A. Vol'skii. Kuz.-shtam. proizv. 3 no. 3;44 Mr '61.

New stamping press. V. S. Mendel'son. Mashinostroitel' no. 6;18 Je '61.

Shoremet, V. A., V. N. Smirnov, and P. M. Pavlovich, [Mechanisms, devices and auxiliary equipment for forging and die-stamping processes; an album] Mekhanizmy, prisposobleniia i sredstva mekhanizatsii kuznechno-pressovogo proizvodstva; albom. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 93 p.

FORGING MACHINERY—MAINTENANCE AND REPAIR
(see also subdivision under Sverdlovsk)

Dymshits, M. A. [Repairing press-forging equipment] Remont kuznechno-pressovogo oborudovaniia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 140 p.

FORMALDEHYDE

Diketone condensation of α,α-dimethyltetrahydro-γ-pyrone with formaldehyde. M. N. Tilichenko. Izv. vys. ucheb. zav. ;khim. i khim. tekh. 4 no. 1;96-98 '61.

FORMS (LAW)

[Collection of civil law and procedural documents] Sbornik grazhdanskikh i protsessual'nykh dokumentov. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 278 p.

FORNALSKA, MARCJANNA

"Diary of a mother" [in Polish] by Marcjanna Fornalska.

Analysis of heat exchange between castings and the foundry mold during metal solidification. I. M. Goldfarb. Izv. vys. ucheb. zav.; chern. met. 4 no. 6 145-156 '61.

Defectless casting. Mor. flot 21 no. 1:48, 3 of cover Ja '61.

Electron beam melting. A. M. Suvorov. Lit. proizv. no. 6 24-26 Je '61.

Experimental investigation of the artificial cooling of castings. R. N. Grinkevich. Sbor. nauch. trud. Fiz.-tekh. inst. AN BSSR no. 6 178-182 '60.

Glikin, N. M., and M. N. Sosnenko. [Technology of hot metalworking] Tekhnologiia goriachei obrabotki metallov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 280 p.

History of the bessemer blow and the use of bessemer steel in Russia, for shaped castings. D. M. Modelevich. Lit. proizv. no. 3:42-44 Mr '61.

Interaction of melt with the crystallization front of the solidifying casting. G. F. Balandin, E. Ch. Gini. Izv. vys. ucheb. zav., mashinostr. no. 4 199-204 '61.

Multisocket blocks with a simplified replacement of insertable molds. O. P. Orlova, I. P. Petrova. Lit. proizv. no. 6 29-30 Je '61.

Pribyl, Josef. [Theory of casting] Nekotorye voprosy liteinoi teorii. Pod red. P. N. Bidulii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 138 p.

Residual stresses in castings and ways to reduce them. O. IU. Kotsiubinskii. Lit. proizv. no. 6:32-35 Je '61.

What are the results of planning the production of castings in tons. B. Sviatkin, R. Maruldi. Kommunist 38 no. 10 125-128 Jl '61.

FOUNDING—DEFECTS

"Hot" and crystallization cracks during welding and founding. N. F. Lashko, S. V. Lashko-Avakian. Svar. proizv. no. 6:41-42 Je '61.

FOUNDING—EQUIPMENT AND SUPPLIES

Runner brick with increased porosity. Zh. A. Vydrina, V. S. Turchaninov. Ogneupory 26 no. 5 220-222 '61.

FOUNDING—HYGIENIC ASPECTS

Sources of dust and harmful gases in foundries. V. A. Matveev, D. P. Filimontsev. Lit. proizv. no. 6:15-16 Je '61.

FOUNDING—LABOR PRODUCTIVITY

Production specialization is an important factor in the increase of labor productivity. V. Chernykh. Biul. nauch. inform. trud i zar. plata 4 no. 4 18-26 '61.

FOUNDING—SAFETY MEASURES

Safe operation of autoclaves. N. A. Semenov. Bezop. truda v prom. 5 no. 6 11-12 Je '61.

FOUNDING—TESTING

Industrial specimen for testing hot cracks in steel castings. I. V. Gruzykh, IU. A. Nekhendzi. Lit. proizv. no. 6 7-9 Je '61.

FOUNDRIES see subdivision under France; Moscow, Voronezh Province

FOUNDRIES—EQUIPMENT AND SUPPLIES

Automatic equipment for the introduction of magnesium into liquid cast iron. I. A. Shapranov, V. B. Shablinskii, E. V. Petrova. Lit. proizv. no. 6 22-24 Je '61.

Gating systems for small steel castings. L. I. Rylov. Lit. proizv. no. 3:39 Mr '61.

Mechanical base for die-casting machines, models 513 and "Pollak 2255 and 5065." B. N. Panfilov. Lit. proizv. no. 3:11-12 Mr '61.

[Mechanization of and progressive practices in founding] Mekhanizatsiia i peredovaia tekhnologiia liteinogo proizvodstva. Pod red. A. N. Sokolova. [Leningrad] Lenizdat, 1961. 236 p.

Metal balance in foundries. S. IA. Gershtenkern. Lit. proizv. no. 6:9-12 Je '61.

Organizing the storage and the keeping stock of flasks. D. N. Kovalenko. Lit. proizv. no. 3:37-38 Mr '61.

Selecting the most satisfactory operating conditions for sand slingers. R. L. Geller. Lit. proizv. no. 3:12-13 Mr '61.

Structural defects of the standard hydroblast room for the cleaning of castings. V. M. Zhil'tsov. Lit. proizv. no. 3: 15-16 Mr '61.

Use of Georgian bentonite in foundry practice. R. V. Vashakmadze. Lit. proizv. no. 3:37 Mr '61.

FOUNDRY SAND see Sand, Foundry

FOUNDRYMEN—DISEASES AND HYGIENE

Conditions of the higher nervous activity in mold breakers [with summary in English]. G. I. Zuev. Trudy LSGMI 61:91-96 '60.

Roentgenokymographic studies on the functional condition of the heart in mold breakers [with summary in English]. A. I. Kareva. Trudy LSGMI 61:85-90 '60.

FOUNDRYMEN—PHYSIOLOGICAL EFFECT

On hearing functions in mold breakers [with summary in English]. G. I. Zuev. Trudy LSGMI 61:97-101 '60.

Classes of saturation in C-space. A. Sh. Turetskii. Izv. AN SSSR Ser. mat. 25 no. 3 411-412 My-Je '61.

FRACTIONAL DISTILLATION see Distillation, Fractional

FRANCE—ATOMIC WEAPONS—TESTING

Malagasy against the nuclear death. L. Aleksandrovich. Az. i Afr. seg. no. 3 50-51 Mr '61.

FRANCE—CATHOLIC CHURCH

Our calendar. Volov nteist no. 3 50 Mr '61.

FRANCE—COLONIES

Neocolonialists' designs in the Sahara. A. Maachou. Vsem prot. dvizh. no. 5 27-28 My '61.

Twilight of French colonialism (to be continued). Raymond Barbet. Az. i Afr. seg. no. 3 46-48 Mr '61.

FRANCE—COMMUNIST PARTY

Current problems in party and organizational work. George Marchè. Part. zhizn' no. 14 57-63 Jl '61.

For peace and the restoration and rejuvenation of democracy. Kommunist 38 no. 10 100-109 Jl '61.

FRANCE—ECONOMIC CONDITIONS

"The De Gaulle Government and big industrial capital" [in French] by H. Claude. Reviewed by M. A. Krutogolov. Sov. gos. i pravo 31 no. 7 151-154 Jl '61.

FRANCE—ECONOMICS

Pokrovskii, A. I. [French bourgeois political economy; revival or crisis?] Frantsuzskaia burzhuaznaia politicheskaia ekonomila, obnovlenie ili krizis? Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1961. 224 p.

FRANCE—ELECTRIC RAILROADS

Electrified railroad districts in France. D. I. Vorozhetkin. Elektr. tepl. tiaga 5 no. 3 45-48 Mr '61.

FRANCE—FOUNDRIES

Participants of the International Foundrymen's Conference visit French foundries. B. B. Gulinev, F. D. Obolentsev. Lit. proizv. no. 3:40-41 Mr '61.

FRANCE—HISTORY

"The days of Paris. Vol. 1. From Philip Augustus to Louis XI, the revolutions of 1358 and 1413" [in French] by J. Debu-Bridel. Reviewed by A. IA. Shevelenko. Vop. ist. no. 6 173-175 Je '61.

FRANCE—HOURS OF LABOR

French workers' work and rest schedule. M. Chernov. Biul. nauch. inform. trud i zar. plata 4 no. 4 59-63 '61.

FRANCE—PHYSICAL GEOGRAPHY

Review of P. Birot's article "Present-day tendencies in geomorphology in France" (from "Zeitschrift für Geomorphologie, Neue Folge," No. 1/2, 1958). A. A. Velichko. Vop. geog. no. 52 193-194 '61.

FRANCE—POLITICS AND GOVERNMENT

For peace and the restoration and rejuvenation of democracy. Kommunist 38 no. 10, 100-109 Jl '61.

FRANCE—RELATIONS (GENERAL) WITH RUSSIA

On seaways. IU. Berkovich. Sov. pech. no. 7:19-21 Jl '61.

FRANCE—RUSSIAN STUDIES

How French reformists distort the principles of the October Revolution. V. S. Vasiukov. Vop. ist. no. 6:155-166 Je '61.

FRANCE—WORLD WAR, 1939-1945

History of the surrender of France and the Franco-German Truce of 1940. V. P. Smirnov. Vest. Mosk. un. Ser. 9 Ist. 16 no. 3 26-47 My-Je '61.

"The 'phony war' and the treachery of Vichy, from September 1939 to June 1941" [in French] by Germaine Willard. Reviewed by I. S. Kisel'gof. Vop. ist. no. 6: 176-177 Je '61.

FRANCE—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

"How the French people struggled against fascism; history of the French liberation movement from 1939 to 1945" by I. A. Koloskov, N. G. TSyrul'nikov. Reviewed by V. P. Smirnov. Vop. ist. no. 6 134-135 Je '61.

FRANKO, IVAN, 1856-1916

The innovative character of works written by I. Franko for children. L. L. Maliarenko. Dosl. z lit. ta mov. no. 1: 14-24 '60.

FRAUDS, STATUTE OF

Decree of the Presidium of the Supreme Soviet of the U. S. S. R. on the responsibility for additions and other misrepresentations in reports on fulfilling plans. Vest. stat. no. 6 3 '61.

Truthfulness and adherence to principles are above everything. Vest. stat. no. 6 4-8 '61.

Probability of radiation-free transitions in the conductivity band of alkali metals. V. P. Sanchenko, G. M. Chechin. Fiz. met. i metalloved. 11 no. 6 935-941 Je '61.

Shape of conductivity bands in iron. I. IA. Nikiforov. Fiz. met. i metalloved. 11 no. 6 927-934 Je '61.

FREIGHT AND FREIGHTAGE

If you are wrong you must compensate the injured party. M. Tsvetkov. Sov. iust. no. 12:15 Je '61.

Liability for damage to freight transported in containers. G. Astanovskii. Sov. iust. no. 12:8-9 Je '61.

Reduce labor expenditures for transportation and warehouse operations in every way possible. N. Izvol'skaia, N. Trusikhin. Sots. trud 5 no. 12 71-78 D '60.

FREIGHTERS

Freighter "Poltava" with watertight holds. B. K. Sidorov. Sudostroenie 27 no. 6 1-10 Je '61.

Guard rails of new design. IU. Tokarzev. Rech. transp. 20 no. 6, 35 Je '61.

Project of a new criterion of strength for the hold frame of dry-cargo ships. N. Chetyrkin. Mor. flot 21 no. 3, 30-31 Mr '61.

FREIGHTERS—EQUIPMENT AND SUPPLIES

What caused the obsolescence of the apparatus for the inspection and regulation of ship loading? V. Vasil'ev. Mor. flot 21 no. 3:40 Mr '61.

FREONS

Caloric properties of Freon-12 in the supercritical region. G. P. Verkhivker, O. D. Lagutkin. Izv. vys. ucheb. zav., energ. 4 no. 5 72-76 My '61.

FREQUENCIES OF OSCILLATING SYSTEMS

Precision measurement of natural oscillation frequency in determining the elasticity modulus of a specimen. G. A. Rymashevskii, A. V. Panov. Izv. vys. ucheb. zav., chern. met. 4 no. 5 189-191 '61.

Use of an experimental curve of a transient process for plotting frequency characteristics. I. M. Pechorina. Avtomatika no. 3 74-78 '61.

FREQUENCY CHANGERS

Concerning the characteristics of the nonlinear element of frequency dividers. I. Kh. Rizkin. Radiotekh. i elektron. 6 no. 7:1092-1099 Jl '61.

FREQUENCY MULTIPLIERS

Processes in high-order frequency multipliers. S. I. Evtianov, M. V. Kapranov. Radiotekhnika 16 no. 6 3 Je '61.

Study of the operation of a frequency multiplier using the nonlinear capacitance of the p-n junction. V. B. Braginskii, V. A. Dunova, E. R. Mustel'. Radiotekh. i elektron. 6 no. 7:1173-1177 Jl '61.

FRESH-WATER FLORA see subdivision under Amu Darya Delta

FRICTION

British investigation of an increase for rough surfaces [from foreign journals]. I. F. Kozlov. Sudostroenie 27 no. 5:57-60 My '61.

Effect of sulfur containing in oil on the physicomechanical properties of friction surfaces. G. P. Sharonov. Khim. i tekh. topl. i masel 6 no. 7:50-56 Jl '61.

Effect of the coefficient of external friction on the filling of die cavities. N. A. Kravchenko. Kuz.-shtam. proizv. 3 no. 7:10-12 Jl '61.

Equipment for determining the moment of friction for plastic bearings. N. P. Nesterova. Izv. vys. ucheb. zav., mashinostr. no. 4:113-118 '61.

Experimental reduced coefficients of friction for antifriction bearings. A. I. Solov'ev. Izv. vys. ucheb. zav., mashinostr. no. 4:108-112 '61.

Frictional wear of rubber on relatively smooth surfaces. M. M. Reznikovskii, G. I. Brodskii. Kauch. i rez. 20 no. 7 18-23 Jl '61.

High-temperature branch of the internal friction background. N. S. Pastov. Dokl. AN SSSR 138 no. 5 1069-1072 Je '61.

Investigation of contact friction forces in upsetting. I. IA. Tarnovskii and others. Izv. vys. ucheb. zav.; chern. met. 4 no. 6:53-59 '61.

Resistance to motion in some cases of free rolling. S. I. Pinegin, A. V. Orlov. Izv. AN SSSR, Otd. tekh. nauk, Mekh. i mashinostr. no. 3:91-97 My-Je '61.

FRIEDEL-KRAFTS REACTION

Esters of ethylene cyanohydrin in the Friedel-Krafts reaction. A. N. Kost, B. M. Sheiman, V. K. Kushkov. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 1:87-91 '61.

Pyrazoles. Part 17: Friedel-Crafts reactions in the pyrazole series. I. I. Grandberg and others. Zhur. ob. khim. 31 no. 6:1887-1892 Je '61.

FROGS

Thermal adaptation of muscle fibers of the lake frog (Rana ridibunda) inhabiting warm springs [with summary in English]. B. P. Ushakov, N. V. Zander. Biofizika 6 no. 3:322-327 '61.

FROST see subdivision under Ukraine

FROZEN FISH see Fish, Frozen

FROZEN GROUND
(see also subdivision under Pechora Basin, Yakutia)
Complex stress creep rate of frozen ground. S. E. Grechishchev. Izv. Sib. otd. AN SSSR no. 5, 34-40 '61.
Temperatures of flushing fluids when boring frozen ground. A. A. Riazanov, I. F. Bol'shakov. Izv. vys. ucheb. zav., geol. i razv. 4 no. 2, 133-141 F '61.

FRUIT—CHEMICAL COMPOSITION
Biochemical characteristics of berry crops in the Far North. L. G. Gomolako. Biokhim. pl. i ovoshch. no. 6, 165-174 '61.
Biochemical characteristics of some new black currant varieties. E. P. Franchuk. Biokhim. pl. i ovoshch. no. 6, 153-164 '61.
Some biochemical characteristics of aboriginal and introduced apple varieties in Kartlia, Georgian S. S. R. G. A. Makashvili. Biokhim. pl. i ovoshch. no. 6, 185-196 '61.
Variability of biochemical characters in fruit and berry crops. E. V. Sapozhnikova, S. M. Fatalieva. Biokhim. pl. i ovoshch. no. 6, 175-184 '61.

FRUIT—DISEASES AND PESTS
Talitskii, V. I. [Measures for controlling main diseases and pests of nurseries and orchards] Mery bor'by s osnovnymi vrediteliami i boleznami v pitomnikakh i sadakh. Kishinev, Gos. izd-vo "Kartia moldovenieske," 1961. 57 p. (Biblioteka plodovoda Moldavii) (DA)

FRUIT—PRESERVATION see subdivision under Ordubad

FRUIT—STORAGE
Speranskii, V. G. [Biological principles of the keeping quality of fruits and vegetables] Biologicheskie osnovy sokhranlaemosti plodov i ovoshchei. Moskva, Gos. izd-vo torg. lit-ry, 1961. 126 p.

FRUIT—VARIETIES
(see also subdivision under Moldavia)
Principles of the economic evaluation of fruit and berry varieties. V. V. Urchyshyn. Visnyk sil'hosp. nauky 4 no. 5, 7-11 My '61.

FRUIT CULTURE
(see also subdivision under Armenia, Moldavia)
Andriushchenko, D. P. [Growing dwarf fruit trees] Kul'tura karlikovykh plodovykh derev'ev. Kishinev, Gos. izd-vo "Kartia moldovenieske," 1961. 35 p. (Biblioteka plodovoda Moldavii) (DA)
Kantsets, I. I. [Selecting the location and preparing the soil for an orchard] Vybor uchastka i podgotovka pochvy pod plodovyi sad. Kishinev, Gos. izd-vo "Kartia moldovenieske," 1961. 29 p. (Biblioteka plodovoda Moldavii) (DA)
Machinery is needed for mountain orchards. I. Pyshko. Tekh. v sel'khoz. 21 no. 6, 89 Je '61.
Machines for soil cultivation in orchards and vineyards. I. M. Panov, L. F. Zhigarev. Biul. tekh.-ekon. inform. no. 5, 55-59 '61.
Polikarpov, V. P. [Correct way to plan and plant an orchard] Kak pravil'no sproektirovat' i posadit' sad. Kishinev, Gos. izd-vo "Kartia moldovenieske," 1961. 17 p. (Biblioteka plodovoda Moldavii) (DA)
Results of the experimental work of the Horticultural Department and the Horticultural Station of the Timiriazev Agricultural Academy. V. A. Kolesnikov, V. G. Trushechkin. Dokl. TSKhA no. 59, 5-16 '60.
Sokolov, B. V. [Care of young orchards] Ukhod za molodym sadom. Kishinev, Gos. izd-vo "Kartia moldovenieske," 1961. 29 p. (Biblioteka plodovoda Moldavii) (DA)
Vaskan, G. K. [Soil cultivation in fruit-bearing orchards] Ukhod za pochvoi v plodonosiashchem sadu. Kishinev, Gos. izd-vo "Kartia moldovenieske," 1961. 22 p. (Biblioteka plodovoda Moldavii) (DA)

FRUIT CULTURE—COSTS
How the economic indices of the fruit and berry sections of state horticultural farms are affected by their comparative size. I. F. Gorbach. Dokl. TSKhA no. 58, 267-272 '60

FRUIT TREES
Sokolov, B. V. [Pruning fruit trees] Obrezka plodovykh derev'ev. Kishinev, Gos. izd-vo "Kartia moldovenieske," 1961. 52 p. (Biblioteka plodovoda Moldavii) (DA)
Toxic effect of perennial grasses on fruit trees [with summaries in English, German, and French]. P. M. Kacharava. Vest. sel'khoz. nauki 6 no. 6, 106-108 Je '61.

FRUIT TREES—DISEASES AND PESTS
Protection of fruit trees. S. A. Shuranov. Zashch. rast. ot vred. i bol. 6 no. 1, 51-52 Ja '60.

[Museum of History, reference-guidebook] Istoricheskii muzei, spravochnik-putevoditel'. Frunze, 1960. 170 p.

FRUNZE—HYDATIDS
Echinococcosis as revealed by autopsy material from hospitals in Frunze. S. B. Malyshev. Izv. AN Kir. SSR Ser. biol. nauk 2 no. 6, 65-71 '60.

FUEL—ANALYSIS
Composition of sulfur organic compounds in a straight-run fuel produced from Tuymazy and Bavly oils. R. D. Obolentsev and others. Khim. sera i azotorg. soed. v neft i nefteprod. 3, 241-250 '60.

FUEL—TESTING
Thermal stability of sulfur compounds and their effect on the performance characteristics of fuels. I. A. Bertkov, V. N. Zrelov, R. D. Obolentsev. Khim. sera i azotorg. soed. v nefti i nefteprod. 3, 161-168 '60.

FUEL—THERMAL PROPERTIES
Thermal stability of sulfur-bearing fuels. E. R. Tereshchenko, M. E. Tarasyshkin. Khim. sera i azotorg. soed. v nefti i nefteprod. 3, 453-459 '60.

FUEL PUMPS
Changing the drive of the fuel pump on the KO-1606 stand. V. Kvach. Tekh. v sel'khoz. 21 no. 6, 76 Je '61.
Checking and adjusting the ONM pump. S. Lobanov. Tekh. v sel'kho... 21 no. 6, 73-74 Je '61.
Effect of the sulfur content on the wear of fuel pump plungers in the ZD-6 engine. M. S. Smirnov, V. N. Dneprov. Khim. sera i azotorg. soed. v neft. i nefteprod. 3, 163-165 '60.
Installation of fuel pump in the engine. A. Belan. Sel'. mekh. no. 6, 39-40 '61.
Single-plunger fuel pump for diesel tractor engines. V. E. Kriuchkov. Trakt. i sel'khozmash. 31 no. 6, 1-4 Je '61.

FUEL PUMPS—MAINTENANCE AND REPAIR
Maintaining an orderly workshop. V. Poletts. Sel'. mekh. no. 6, 16-18 '61.

FUEL PUMPS—TESTING
Improving the KO-1606 stand. A. Isaev, V. Okulov. Tekh. v sel'khoz. 21 no. 6, 77 Je '61.

FUMIGATION
Complete the instructions for the fumigation of peas. K. Bolotin. Muk.-elev. prom. 27 no. 6, 27 Je '61.

FUNCTIONAL ANALYSIS
Best lacunary systems of functions. S. B. Stechkin. Izv. AN SSSR, Ser. mat. 25 no. 3, 357-366 My-Je '61.
Calculating singular integrals with a Cauchy-type nucleus by means of some special functions. G. N. Pykhteev. Inzh. sbor. 31, 240-253 '61.
Effective calculation of Fourier coefficients by means of iterations. A. D. Myshkis. Usp. mat. nauk 16 no. 1, 155-156 Ja-F '61.
Functionals of the derivatives of an algebraic polynomial, and V. A. Markov's theorem. V. A. Gusev. Izv. AN SSSR, Ser. mat. 25 no. 3, 367-384 My-Je '61.
Inverse theorems on the best approximations by rational functions. A. A. Gonchar. Izv. AN SSSR, Ser. mat. 25 no. 3, 347-356 My-Je '61.
Measuring random stationary processes by casual pick-ups. Iu. F. Anan'ev. Izv. vys. ucheb. zav.; prib. 4 no. 3, 55-58 '61.

FUNCTIONAL EQUATIONS
Process of successive approximations and its use for solving functional equations with nonlinear monotonic operators. S. V. Simeonov. Dokl. AN SSSR 138 no. 5, 1033-1034 Je '61.

FUNCTIONS
Evaluation of concentration functions [with summary in English]. B. A. Rogozin. Teor. veroiat. i ee prim. 6 no. 1, 103-105 '61.
Increase of the dispersion of sums of independent random variables [with summary in English]. B. A. Rogozin. Teor. veroiat. i ee prim. 6 no. 1, 106-108 '61.
Nomogram for probability functions χ^2 [with summary in English]. S. V. Smirnov, M. K. Polapov. Teor. veroiat. i ee prim. 6 no. 1, 138-140 '61.

FUNCTIONS, ANALYTIC
Generalization of the Paley--Wiener--Shvarts theorem. G. I. Eskin. Usp. mat. nauk 16 no. 1, 185-188 Ja-F '61.

FUNCTIONS, AUTOMORPHIC
Platetskii-Shapiro, I. I. [Geometry of the classical regions and the theory of automorphic functions] Geometriia klassicheskikh oblastei i teoriia avtomorfnykh funktsii. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 191 p. (Sovremennye problemy matematiki)

FUNCTIONS, BOOLEAN see Boolean functions

FUNCTIONS, CONTINUOUS
Continuous representation of total Green's functions. I. S. Shapiro, Iu. V. Gaponov. Vest. Mosk. un. Ser. 3. Fiz., astron. 16 no. 2, 73-81 Mr-Ap '61.

FUNCTIONS, POTENTIAL see Differential equations, Partial

FUNCTIONS, TRANSCENDENTAL
Generalization of Lindeman's theorem. A. B. Shidlovskii. Dokl. AN SSSR 138 no. 6, 1301-1301 Je '61.

FUNCTIONS OF COMPLEX VARIABLES
Analytical structure of the S-function of elastic scattering in the case of infinite potentials [with summary in English]. V. S. Ol'khovskyi, Iu. V. Sekhmistrenko. Ukr. fiz. zhur. 6 no. 2, 149-156 Mr-Ap '61.

FUNCTIONS OF SEVERAL VARIABLES
Asymptotic properties of polynomials and algebraic functions of several variables. E. A. Gorin. Usp. mat. nauk 16 no. 1, 91-118 Ja-F '61.

FUNGI
How new fungus species should not be described. B. P. Vasil'kov. Biul. MOIP, Otd. biol. 66 no. 3, 93-100 My-Je '61.
Use of proline by certain dermatophytes and nondermatophytes. T. T. Sukhenko, E. S. Podgainaia. Izv. Sib. otd. AN SSSR no. 5, 86-90 '61.

FUNGI—TOXICOLOGY
Data on the fungi of forage grain. T. E. Burdelev, V. G. Zhil'tsov, G. I. Ezhov. Dokl. TSKhA no. 61, 223-228 '61.

FUNGI, PATHOGENIC
Use of juglone in deep trichophytosis. S. I. Dovzhanskii. Vrach. delo no. 4, 132 Ap '61.

FUNGI, PHYTOPATHOGENIC
(see also subdivision under Baikal Lake region, Golodnaya Steppe)
Alternaria infection in dodder. O. L. Rudakov. Izv. AN Kir. SSR, ser. biol. nauk 2 no. 7, 51-55 '60.
Enzymatic apparatus of Phytophthora infestans. B. A. Rubin, V. A. Aksenova. Biokhim. pl. i ovoshch. no. 6, 252-261 '61.
Rudakov, O. L. [A fungus parasite of the dodder, its cultivation and use] Gribnoi parazit poviliki, ego vyrashchivanie i primenenie. Frunze, Izd-vo AN Kirgizskoi SSR, 1961. 65 p.

FUNGICIDES
(see also subdivision under China)
Disinfection of potatoes against cospprosis. M. K. Znamenskaia. Zashch. rast. ot vred. i bol. 5 no. 1, 48-49 Ja '60.
Using aerosols in the control of plant diseases and pests. G. Korotkikh. Tekh. v sel'khoz. 21 no. 6, 19-22 Je '61.

FUNGICIDES—STORAGE
Storage of insecticides and fungicides. P. V. Zaring. Zashch. rast. ot vred. i bol. 5 no. 1, 53 Ja '60.

FUR-BEARING ANIMALS—FEEDING AND FEEDS
Method of preparing fish feeds for fur-bearing animals. N. I. Verkhina. Ryb. khoz. 37 no. 5, 77-79 '61.

FUR INDUSTRY
Development and introduction of new equipment and techniques in the fur industry. A. M. Rodionov. Kozh.-obuv. prom. 3 no. 3, 14-17 Mr '61.

FURALDEHYDE
Kinetics of the vapor-phase contact oxidation of furfurole. B. A. Slavinskaia and others. Kin. i kat. 2 no. 2, 252-257 Mr-Ap '61.

FURAN
Catalytic dehydrogenation of dihydrofurans. N. I. Shuikin, I. F. Bel'skii, R. A. Karakhanov. Dokl. AN SSSR 138 no. 5, 1136-1139 Je '61.
Effect of the structure of compounds on the kinetics and direction of their catalytic hydrogenation. Part 2: Hydrogenation kinetics of furan, thiophene, and ferrocene on rhodium. A. A. Balandin, M. L. Khidekel', V. V. Patrikeev. Zhur. ob. khim. 31 no. 6, 1870-1882 Je '61.
Synthesis of N-acylindazoles and 6-acylaminoindazoles with furan nuclei. F. T. Pozharskii, N. F. Nahoka. Zhur. ob. khim. 31 no. 6, 1934-1936 Je '61.

FURANONE
Colored complexes of tetrahydroxyaminofuranones with metals. O. R. Skorokhod, I. G. Tishchenko. Zhur. ob. khim. 31 no. 6, 1986-1991 Je '61.

FURFURYL ALCOHOL
Syntheses of vinyl furfuryl ether, ethyl furfuryl and n-butylfurfurylacetaldehyde acetals. A. G. Rychkova, R. E. Keller. Zhur. ob. khim. 31 no. 6, 1949-1951 Je '61.

FURNACES

Boiler furnace as an object of optimalizing control [with summary in English] G. P. Obolonskyi. Avtomatyka no. 3 56-63 '61.

Entrainment of material from rotating furnaces. E. I. Khodorov. Khim. prom. no 6 416-420 Je '61.

Protopopov, V. P. [Heating furnaces] Pechnye raboty Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 125 p.

Remodeling of tube furnaces for flameless burning. A. S. Milanchev, R. M. Shchurin. Khim i tekh. topl i masel 6 no. 7:34-38 Jl '61.

FURNACES—CONSTRUCTION

Reconstructing grain dryer furnaces and converting them to liquid and gas fuels M. Skorovarov, T. Emmanuel'. Muk.-elev. prom. 27 no. 6:3-7 Je '61

FURNACES, HEAT-TREATING
(see also subdivision under Magnitogorsk)

Carbonitriding automobile parts in a nonmuffle furnace by means of sootless carburizers. V. M. Androshchuk, M. V. Soboleva Metalloved. i term. obr. met. no. 7: 54-56 Jl '61.

Modernization of the K-160 hardening and tempering machine unit. N. F. Logeida. Metalloved. i term. obr. met. no. 3:60 Mr '61.

FURNACES, HEATING
(see also subdivision under Rostov-on-Don)

Akademiia stroitel'stva i arkhitektury SSSR. Institut po stroitel'stvu, Rostov-on-Don. [Album of heating furnaces and stoves] Al'bom otopitel'nykh i bytovykh pechei. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
Pt. 1. [Heating furnaces] Pechi otopitel'nye. 1961. 86 p.

Feeding of hot ingots into soaking pits. V. M. Sobolev Stal' 21 no. 3:280-285 Mr '61.

Kist'iants, L. K., and others. [Design of burners and spray burners for heating furnaces] Konstruktsii gorelok i forsunok dlia nagrevatel'nykh pechei. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 43 p.

Redesign of heating furnaces with hearths on wheels. S. N. Shepelev, Kuz.-shtam. proizv. 3 no. 7:33-35 Jl '61.

FURNITURE see subdivision under Ukraine

FURNITURE—SPECIFICATIONS

Making furniture. Sel'. stroi. 16 no. 5:insert: 8p My '61.

FURUNCLE

Remission of acute leukosis in suppurations. M. V. Dement'eva. Probl. gemat. i perel. krovi 6 no. 4 46-47 Ap '61.

FUSARIUM

Experimental production of Fusarium variants synthesizing increased amounts of gibberellin. A. A. Imshenetskii, O. M. Ul'ianova. Dokl. AN SSSR 138 no. 5: 1204-1207 Je '61.

FUSARIUM—TOXICOLOGY

Effect of the toxic fungus Fusarium sporotrichioides on cats, preliminary report. N. A. Akulin. Dokl. TSKhA no 61:253-258 '61

Effect of the toxic fungus Fusarium sporotrichioides on swine. N. A. Akulin Dokl TSKhA no 61:243-248 '61

GABBRO see subdivision under Tubinskiy region

GABON—ECONOMIC CONDITIONS

Young Gabon republic [with English summary in insert]. no. 3:12-13, 16 Mr

Here a hero reached manhood. G. Kiiashchenko Sov. voin 43 no 10 4-6 My '61

Unforgettable encounter Kryl rod 12 no 6 4-5 Je '61.

GALACTOSE

Vinylation of diacetone-d-galactose B. I. Mikhant'ev, V. I. Lapenko Zhur. ob. khim. 31 no 6 1843-1844 Je '61

GALANTHAMINE

Effect of galanthamine on the central nervous system [with summary in French]. M. D. Mashkovskii, R. IU. Il'ichenok Zhur. nevr. i psikh. 61 no 2 165-175 '61.

GALAXIES

Mean integral absolute magnitudes of galaxies of different subtypes in our vicinity of the metagalaxy and in the Virgo cluster [with summary in English]. IU. P. Pskovskii. Astron. zhur. 38 no. 3:521-527 My-Je '61.

GALAXY see Milky way

GALENA

Effect of a mixture of alcohols and exanthates on the flocculation of galena T. P. Avilova, F. I. Nagirniak Izv. vys. ucheb. zav., geol. zhur no 4:152-156 '61

GALL BLADDER—DISEASES

Evaluation of the significance of a cytological investigation and of a modified color reaction of bile in chronic cholecystitis. A. L. Landa, A. A. Kriylov, G. A. Trofimov. Lab. delo 7 no 7:35-38 Jl '61

GALL BLADDER—RADIOGRAPHY

Expediency of intravenous cholangiocholecystography by means of biligenat. V. M. Dolinskii. Vrach. delo no. 4:131 Ap '61.

GALL GNATS

A new gall gnat species (Diptera, Itonididae) injurious to the brome grass and some features of its biology. P. I. Marikovskii, Z. IA. Agafonova. Ent. oboz. 40 no. 2:272-274 '61.

New species of the genera Trisopsis Kieff. and Triommatomyia, gen. n. (Diptera, Itonididae) [with summary in English]. B. M. Mamaev. Ent. oboz. 40 no. 2: 405-412 '61.

GALLIC ACID

Protective action of certain inhibitors of chain oxidative processes in acute radiation sickness [with summary in English]. O. A. Horodets'kyi, V. A. Barabol, V. P. Chernets'kyi. Dop. AN URSR no. 6 812-815 '61.

GALLIUM

Distribution of germanium and gallium in lignite. S. A. Gordon, F. IA. Saprykin. Nauch. trudy MGI no. 27 13-25 '59.

GALLIUM—ANALYSIS

Method of chemical determination of gallium in coal ash. A. G. Motina. Nauch. trudy MGI no. 27:75-80 '59.

Separating gallium from copper and nickel by ion exchange. E. P. TSinisevich, A. N. Gorokhova. Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no. 2.245-250 '60.

GALLIUM—THERMAL PROPERTIES

Changes in the heat conductance of lead, bismuth and gallium during melting B. P. Pashaev. Fiz. tver. tela 3 no. 2 416-419 F '61.

GALLIUM ANTIMONIDE CRYSTALS

Preparation of double crystals of indium and gallium antimonides. V. I. Ivanov-Omskii, N. K. Kiseleva, B. T. Kolomiets. Fiz. tver. tela 3 no. 5:1621-1622 My '61.

GALLIUM-ANTIMONY-ALUMINUM ALLOYS see Aluminum-antimony-gallium alloys

"NDS

operties of a complex of gallium chlo- ie blue. K. A. Bol'shakov, IU. G. Ere- Izv. AN SSSR, Otd. khim. nauk no. 6:

Populus pruinosa Schrenk. IU. V. boz. 40 no. 2:297-299 '61.

N, 1867-1933

hn Galsworthy, 1867-1933] Dzhon 1933. Leningrad, Gos. izd-vo "Iskusp. (Klassiki zarubezhnoi dramaturgii; nye ocherki)

ee Electrometallurgy

IRDS

And age relationships in mammals squirrel, the muskrat, and five , V. S. Smirnov. Trudy Inst. biol. 4:97-112 '60.

a U. S. S. R. ; commercial evaluation of game areas" by D. N. Danilov. Re- Jrgenson. Biul. MOIP. Otd. biol. 66 -Ap '61.

Kolosov, A. M., N. P. Lavrov, and S. P. Naumov. [Biology of commercial animals in the U. S. S. R.] Biologiia promyslovykh zverei SSSR. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 379 p.

GAMMA GLOBULIN

Anaphylactogenic properties of heterogenic gamma globulins [with summary in English]. O. G. Andzhaparidze Zhur. mikrobiol. epid. i immun 31 no 3:105-109 Mr '60.

Comparing the enzymatic hydrolysates of nonspecific gamma globulins and antibodies of rabbits [with summary in English] A. E. Gurvich, L. M. Gubernieva, K. N. Miasoedova Biokhimiia 26 no 3 468-476 My-Je '61.

Practical observations on the effectiveness of the use of antirabies gamma globulin in severe bite by a rabid wolf, author's abstract. F. Chun-siun [Chiung-hsun F.] Zhur. mikrobiol. epid. i immun. 32 no 1:141-142 Ja '61

Treatment of patients with smallpox with antismallpox γ-globulin [with summary in English] S. S. Marennikova, A. V. Eremina, Z. I. Ogorodnikova. Zhur. mikrobiol. epid. i immun 32 no. 4 84-87 Ap '61

Use of gamma globulin for preventing infectious hepatitis. D. E. Zibitsker, A. V. Kiselev, A. E. Gasilovskaia. Zdrav. Bel 7 no 5 17-19 My '61

GAMMA RAYS

Co^{60} gamma rays induced degradation of butyl rubber and its vulcanizates [with summary in English] Vysokom. soed 3 no. 6:852-860 Je '61

Determining the frequency distribution function of the phonon spectrum of crystals [with summary in English]. IU. Kagan. Zhur. eksp. i teor. fiz 40 no 1 312-318 Ja '61

Effect of ionizing radiation on the catalytic and magnetic properties of titanium dioxide IU. A. Mishchenko and others Kin. i kat. 2 no. 2:296 Mr-Ap '61

Effect of the composition of uranium ores on the gamma-ray spectrum as recorded by a scintillation spectrometer. A. G. Grammakov and others. Atom. energ 10 no 6:624-626 Je '61.

Gamma rays accompanying the thermal-neutron fission of U^{235}. IU. M. Artem'ev, A. N. Protopopov, B. M. Shiriaev. Trudy Radiev. inst. AN SSSR 9:78-83 '59.

Gamma rays from some neutron sources. IU. A. Nemilov, A. N. Pisarevskii. Trudy Radiev. inst. AN SSSR 9:61-71 '59.

Gamma spectrum from a Po-Be neutron source. IU. A. Nemilov, A. N. Pisarevskii. Trudy Radiev. inst. AN SSSR 9.72-77 '59.

Gamma-transitions in the Sm^{146} nucleus E. E. Beritov and others. Zhur. eksp. i teor. fiz. 40 no 1:375-377 Ja '61.

Measuring the circular polarization of the gamma quanta emitted in β-decay of Nd^{147} [with summary in English] A. A. Petushkov, I. V. Estulin Zhur. eksp. i teor. fiz 40 no 1 72-75 Ja '61

Mechanism of radiation polymerization. Part 2: Mechanism of the carbonium polymerization of styrene and methyl methacrylate induced by gamma rays [with summary in English]. M. K. IAkovleva, A. P. Sheinker, A. D. Abkin. Vysokom. soed. 3 no. 6:828-832 Je '61.

Observing the resonance absorption of γ-rays in Zn^{67} [with summary in English]. S. I. Aksenov and others. Zhur. eksp. i teor. fiz. 40 no. 1:88-90 Ja '61.

GAMMA RAYS—INDUSTRIAL APPLICATIONS

Effect of hidden contacts and interfaces on research by gamma-ray scattering. L. S. Polak, E. M. Filippov, G. A. Kuznetsov. Geol. i geofiz. no. 5:82-87 '61.

Investigating molten metals by means of gamma rays. A. I. Beliaev. Izv. vys. ucheb. zav.; tsvet. met. 4 no. 2: 39-42 '61.

GAMMA RAYS—PHYSIOLOGICAL EFFECT

Changes in the lipoproteins of tumors due to the effect of gamma rays [with summary in English]. A. M. D'iakova. Ukr. biokhim. zhur. 33 no. 3:352-362 '61.

Comparative analysis of the restoration of diploid yeasts following alpha and gamma irradiation. V. Bilushi, V. I. Korogodin. Dokl. AN SSSR 138 no. 5:1208-1211 Je '61.

Distribution of carboxyl and sulfhydryl groups of proteins in the spleen tissue of mice under normal conditions and after irradiation. M. S. Konstantinova. TSitologiia 3 no. 3:293-299 My-Je '61.

Effect of γ-irradiation of sunflower oil [with summary in English]. A. I. Zhuravlev. Vop. pit. 20 no. 2:65-69 Mr-Ap '61.

Effect of γ-rays on the STI vaccinal strain [with summary in English]. G. N. Chistiakov. Zhur. mikrobiol. epid. i immun. 31 no. 11:103-105 N '60.

Possibility of the use of ionizing radiations for the sterilization of various biopreparations. Report No. 1: Effect of ionizing radiations on antigangrene and antitetanus serum (serological and electrophoretic study) [with summary in English]. I. M. Goncharenko. Zhur. mikrobiol. epid. i immun. 32 no. 1:121-125 Ja '61.

GANGRENE

Dynamics of the protective cellular reaction in active immunization against gas gangrene caused by Cl perfringens Report No 1. Study of the dynamics of the cellular reaction of the body and changes in the histochemical indices in nonimmunized animals induced by Cl. perfringens [with summary in English] S IU Guseinova. Zhur mikrobiol epid. i immun 32 no. 1:55-60 Ja '61.

Immunization with tetratoxoid against wound infections [with summary in English] A I Ugleva, I M Khaustova, V. O. Rozhdestvenskaia Zhur mikrobiol epid i immun. 31 no. 8:75-79 Ag '60.

Possibility of the use of ionizing radiations for the sterilization of various biopreparations Report No 1. Effect of ionizing radiations on antigangrene and antitetanus serum (serological and electrophoretic study) [with summary in English] I M Goncharenko. Zhur mikrobiol. epid. i immun 32 no. 1:121-125 Ja '61

GARAGES
(see also subdivision under Berlin)

Parking garages in a large city. B. Tambiev. Arkhit. SSSR no. 5:47-50 '61.

GARLIC—THERAPEUTIC USE

Treatment of tuberculosis of the bronchi and lungs by inhalations of aerosols of garlic juice [with summary in English]. IU. M. Guzeev. Zhur. ush., nos. i gorl. bol. 20 no. 5:21-26 S-O '60.

GARNET
(see also subdivision under Ural Mountains)

Resistance of hydrogarnets to carbonization. IU. M Butt. B G. Varshal. A A. Maier. Zhur. VKHO 6 no 3 355-356 '61.

GAS

Blabtsev, N. I. [Natural and artificial gases] Estestvennye i iskusstvennye gazy. Izd. 2., perer. Moskva, izd-vo M-va kommun. khoz. RSFSR, 1960. 330 p.

GAS—ELECTRIC IGNITION

Use of shock waves for studying the ignition of gas. R. I. Soloukhin. PMTF no. 2:90-92 Jl-Ag '60.

GAS—HEATING AND COOKING

The GK-250 gas cooker. S. Tumasian. Prom. Arm. 4 no. 2:38 F '61.

GAS, NATURAL

Determination of the average size of gas bubbles in the nonsteady flow of a gassy fluid. D. A Efros, S A Kundin Trudy VNII no. 10 318-338 '57.

Investigation of thermal processes in open-hearth furnaces during their firing with natural gas. I. I. Kobeza. Vop. proizv. stali no. 8:24-33 '61.

"Masters of volatile gold." NTO 3 no. 6:31 Je '61.

Method for hydrodynamic calculations of casinghead gas recovery in dissolved gas drives M D. Rozenberg, L. A. Zinovieva, G. V. Kliarovskii Trudy VNII no. 10 257-265 '57.

Transfer of 200 and 400-ton open-hearth furnaces to firing by natural gas. I. I. Kobeza. Vop. proizv. stali no. 8:18-23 '61.

GAS, NATURAL—ANALYSIS see subdivision under Caspian Lowland; Kakhetia

GAS, NATURAL—GEOLOGY
(see also subdivision under Apsheron Peninsula; Baloy region; Black Sea region; Caspian Sea region; Caucasus, Northern; Georgia; Guriya; Kuznetsk Basin; Libya; Stavropol Territory; Tiflis region; Ukraine; Yakutia)

Direct oil and gas prospecting methods, are an important problem in geologic exploration. Sov. geol. 4 no. 6: 3-7 Je '61.

Effectiveness of geological prospecting for oil and gas in the U S S. R. Geol nefti i gaza 5 no. 6:1-6 '61.

Session of Oil and Gas Section of the Council of Geological Testimony of the Main Geological Prospecting Administration of the R. S. F. S. R. G. TSaturov, A Kuznetsov. Geol. nefti i gaza 5 no 6:62-64, 3 of cover '61.

Some problems of theory and practice in the estimation of oil and gas potentials on the basis of hydrogeologic criteria. V. N. Kortsenshtein. Sov. geol. 4 no. 6. 17-27 Je '61.

GAS, NATURAL—PIPELINES
(see also subdivision under Sanzar Valley)

Change the organization of laying pipelines. M. M. Godik. Strol. truboprov. 6 no. 4:5-6 Ap '61.

Gas pipeline construction efficiency promoters. V. Kravchenko. Na strol. Ros. no. 3:19-20 Mr '61.

Safety measures during simultaneous building and assembly and repair operations at compressor stations. M. M. Khushpulian. Strol. truboprov. 6 no. 4: 30-31 Ap '61.

Serious reorganization is necessary. A. V. IUriov. Strol. truboprov. 6 no. 4:3-4 Ap '61.

Timely completion of compressor stations is a most important task of 1961. Strol. truboprov. 6 no. 4:2 Ap '61.

Using 2SG stationary compressors for boosting pressure in pipelines. E. M. Klimovskii. Strol. truboprov. 6 no. 4:17-19 Ap '61.

GAS AND OIL ENGINES

All-Union conference on combined engines. A. S Orlin, M M Chursin Vest mash 41 no 6:79-82 Je '61

Hot inventors of rotary engines. A. Shvarts, A. Veshnikov. Izobr i rats no. 7:39-40 and 3 of cover Jl '61.

Investigating the geometry of the rotor and the working medium of rotary reciprocating engines. V. S. Beniovich, V B Gostev. Trakt i sel'khozmash. 31 no. 7.3-5 Jl '61.

Study of the effect of leakage on the indicating parameters of internal combustion engines. N. N. Kovlieshenko Izv vys ucheb zav., energ 4 no 5 82-88 My '61

"Technical manual on internal combustion engines." Reviewed by B Alekseev. Muk.-elev. prom 27 no. 5: 32-3 of cover My '61

GAS AND OIL ENGINES—COLD WEATHER OPERATION

Device for starting engines in winter A Shvets. Tyl i snab Sov. Voor. Sil 21 no 1.69 Ja '61.

Englin, B. A. [Using motor fuels at low temperatures] Primenenie motornykh topliv pri nizkikh temperaturakh. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 98 p.

GAS AND OIL ENGINES—SAFETY MEASURES

Prevent explosions in ignition systems of the 8GK gas-engine compressors IU. Kalezhirin, V. Mochalov Bezop truda v prom. 5 no 6 35 Je '61

GAS APPLIANCES

New gas apparatus. S. P. Sladkov. Vod. i san tekh. no. 6: 31-35 Je '61.

GAS AS FUEL

Firing open-hearth furnaces by cold high-calorie gas without addition of fuel oil. N. N. Dobrokhotov. Vop. proizv. stali no. 8:3-9 '61.

Firing open-hearth furnaces with a mixture of coke and natural gases. M M Khil'ko, M S Shkliar. Metallurg 6 no. 7:11-13 Jl '61

Redesign of 400 and 550-ton open-hearth furnaces for firing them with cold high-calorie gas. K. A. Greben', E. P. Pokotilo. Vop. proizv. stali no. 8:10-17 '61.

GAS BURNERS—SAFETY MEASURES

Safe operating of natural-gas burners. B. K. Naumov. Bezop. truda v prom. 5 no. 7:26-29 Jl '61.

GAS CHROMATOGRAPHY

Kh. L-3 laboratory chromatograph. P. A. Frolovskii. Khim. i tekh. topl. i masel 6 no. 7:44-49 Jl '61.

Use of gas chromatography in the study of the kinetics of chemical reactions. Chromatographic analysis of the products of alkane radiolysis. V. G. Berezkin, L. S. Polak. Kin i kat. 2 no. 2:285-291 Mr-Ap '61.

Use of gas-liquid chromatography for a more intensive study of the chemical composition of crude oils. N. E. Podkletnov. Izv. Sib. otd. AN SSSR no. 5:70-79 '61.

GAS COMPANIES see subdivision under Erivan

GAS DISTRIBUTION
(see also subdivision under Chelyabinsk)

Regulating the pressure of gas as it flows directly from the pipelines. V. Proferansov. Zhil.-kom. khoz. 11 no. 4:15-17 Ap '61.

GAS DYNAMICS

Akademiia nauk SSSR. Energeticheskii institut. [Physical gas dynamics and heat exchange] Fizicheskaia gazodinamika i teploobmen. Moskva, 1960. 112 p.

GAS FLOW

Calculating the evaporation process and velocity of liquid drops suspended in a gas flow. G. L. Babukha. PMTF no. 2.135-136 Jl-Ag '60.

Flow of a rarefied gas from a point source into a vacuum A IA Pressman Dokl. AN SSSR 138 no 6:1305-1308 Je '61

Gas flow around a wedge accompanied by a partial internal energy lag. A. V. Eletskii. PMTF no. 2:54-63 Jl-Ag '60.

Hypersonic flow of a radiative gas around a wedge. V. V. Lunev. PMTF no. 2:40-46 Jl-Ag '60.

Method of integral relations for calculating flows of gas with strong shock waves. G. G. Chernyi. Prikl. mat. i mekh. 25 no. 1:101-107 Ja-F '61.

Minimum permeability of gases flowing through porous films [with summary in English]. V. M. Amonenko, B. M. Vasiutyns'kyi. Ukr. fiz. zhur. 6 no. 2:263-266 Mr-Ap '61.

Model experiments in the water cooling of gases in bubble cup plates. I. N. Kuz'minykh, M. D. Babushkina. Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no. 2:379-385 '60.

Motion of a viscous gas caused by the rotation of a disk. V. P. Shidlovskii. PMTF no. 1:10-16 Ja-F '61.

One-dimensional movements of gas accompanied by shock waves located in a magnetic field. V. P. Korobeinikov. PMTF no. 2:47-53 Jl-Ag '60.

GAS GOVERNORS

Safety shut-off devices for gas installations. D. IA. Vidgorchik. Bezop. truda v prom. 5 no. 7:19-21 Jl '61.

GAS INDUSTRY

Oil and gas industry workers' conference. Sots. trud 5 no. 12:143-144 D '60.

GAS INDUSTRY—CONGRESSES

Third Plenum of the Central Committee of the Trade-Union of the Petroleum and Gas Industry S K Lalabekov. Khim i tekh topl i masel 6 no 7:71 Jl '61

GAS INDUSTRY—EQUIPMENT AND SUPPLIES

The gas industry needs new equipment. Zhil.-kom. khoz. 11 no. 4.29 Ap '61.

GAS INDUSTRY—FINANCE

"Financing oil and gas industries" by I. M. Broide. Reviewed by V. I. Egorov. Neft. khoz. 39 no. 4:69-71 Ap '61.

GAS PIPES
(see also subdivision under Moscow; Rostov Province)

Planning and laying urban asbestos-cement gas lines. V. S. Loginov, G. A. IAkovlev. Strol. truboprov. 6 no. 4:25-27 Ap '61.

GAS PIPES—TESTING

Device for checking test leads. V Tereshkin. Zhil.-kom khoz 11 no. 4:32-33 Ap '61

GAS TURBINES

Gas-turbine units with free-piston gas producers. L. Agasian. Prom. Arm 4 no. 3:32-36 Mr '61.

Kazandzhan, P. K., and A. V. Kuznetsov. [Propeller turbines, characteristics of performance and operation] Turbovintovye dvigateli; rabochii protsess i eksploatatsionnye kharakteristiki. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 263 p.

GAS WELDING AND CUTTING

Argon arc welding of elements made of light alloys. IU D. Gamzaev. Transp. stroi. 11 no. 5:45-47 My '61

Certain characteristics of an oxy-propane heating flame. IU. G. Kulik. Svar. proizv. no. 6:19-23 Je '61.

Information input system for program-controlled gas cutting machines. V. V. Mikhailov, V. I. Ogandzhaniants Shor. rab. po vop. elektromekh. no. 5:107-116 '61.

New nozzle for cutting with coke gas. IU. A. Kalachev. Svar. proizv. no. 6:40 Je '61.

Russia (1923- U. S. S. R.) Komitet po nadzoru za bezopasnym vedeniem rabot v promyshlennosti i gornomu nadzoru. [Rules for the testing of electric welders and gas welders] Pravila ispytaniia elektrosvarshchikov i gazosvarshchikov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 19 p.

Rybakov, V. V. [Manual of gas welding] Uchebnik gazosvarshchika. Izd. 2., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 188 p.

Trofimov, A. A. [Mechanized oxygen cutting] Mekhanizirovannaia kislorodnaia rezka. Pod red. A. N. Shashkova. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 90 p. (Bibliotechka avtogenshchika, no. 6)

GAS WELDING AND CUTTING—EQUIPMENT AND SUPPLIES

Copying gas-cutting machine "Odessa" with photoelectric control. V. V. Drogal' and others. Biul. tekh.-ekon. inform. no. 5:26-28 '61.

Linear heating burners operating on premixed, acetylene-substitute, gases. V. D. Nechaev. Svar. proizv. no. 7. 28-31 Jl '61.

Modernization of the ASSh-2 machine. B. V. Kriukov, A. B. Pelikh. Svar. proizv. no. 7:39 Jl '61.

Propane-oxygen cutting by the K-51 petroleum torch. IU. A. Kalachev, A. T. Berasnev, D. P. Lunegov. Svar. proizv. no. 7.37-38 Jl '61.

Regulators of new design. A. N. Kazanskii. Svar. proizv. no. 6:42 Je '61.

Universal centering device with rotating compasses for manual cutters. A. V. Strol'tsov. Svar. proizv. no. 6:40 Je '61.

GAS WELDING AND CUTTING—PRODUCTION STANDARDS

Russia (1923- U. S. S. R.) TSentral'noe normativno-issledovatel'skoe biuro. [Technical norms for labor in industrial enterprises] Tekhnicheskie normativy po trudu dlia promyshlennykh predpriiatii. Moskva, Gos. energ. izd-vo.

No. 5. [Time norms for gas welding and cutting of metals] Normativy vremeni na gazovuiu svarku i rezku metallov. 1960. 30 p.

GAS WELDING AND CUTTING—SAFETY MEASURES

Device for preventing backfires in gas welding. G. F. Bykhovets. Bezop. truda v prom. 5 no. 7:24 Jl '61.

Perov, V. F. [Pamphlet on safety techniques for gas welders] Pamiatka po tekhnike bezopasnosti dlia gazosvarshchika. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 3i p. (Tekhnika bezopasnosti)

GASES

Apparatus for the spark dissociation of gases. A. S. Moskalenko. Khim. v shkole 16 no. 2:87-88 Mr-Ap '61.

GASES (Continued)

Compressibility of hydrocarbon gases as a function of the weight, pressure, and temperature of the system. M. N. Alizade. Dokl AN Azerb SSR 17 no. 5:361-366 '61

Temperature dependence of the sound velocity in dense gases. I. Z. Fisher. Akust. zhur. 5 no. 4 459-463 '59.

GASES—ANALYSIS
(see also subdivision under Lugansk Province)

Automatic analysis of stack gases from rotary kilns for oxygen content. V. R Ksendzovskii, A M Bondarevskii Ogneupory 26 no. 5 236-239 '61.

New method for the analysis of gases based on air afterglow. L. E. Krapivin, S. A. Andreeva. Trudy LTI no. 60: 213-276 '60.

GASES—PURIFICATION

Absorption of nitrogen oxides by lime milk under bubbling and frothing conditions. M. E. Pozin, B. A. Kopylev, G. V. Bel'chenko. Izv. vys. ucheb. zav. ;khim. i khim. tekh. 4 no. 1:102-107 '61.

Purification of converter gases in top oxygen blowing L V Sudoplatov, A M Sakaganskii Stal' 21 no 3 285-288 Mr '61

GASES—SPECTRA

Temperature dependence of the intensity of the Raman lines in gases Part I [with summary in English] L M Ovander Ukr fiz zhur 5 no 1 26-33 Ja-F '60

GASES—TRANSPORTATION

Tank truck for transporting gases. Na strol. Ros. no. 4: 13 Ap '61.

GASES, ASPHYXIATING AND POISONOUS

Standardization of the amount of poison gases in blasting products formed in large- scale blasting and mining work. A. G. Alekseev Izv vys ucheb zav., gor. zhur no. 4 70-76 '61

GASES, KINETIC THEORY OF

Kinetics of co-operative processes. M. V. Vol'kenshtein, IU. IA. Gotlib, O. B Ptitsyn Fiz tver tela 3 no. 2 420-428 F '61

GASES IN METALS

Effect of a high content of oxygen and nitrogen on the mechanical properties of titanium. E. V. Petunina. Metalloved. i term. obr met. no. 6:50-53 Je '61

GASES IN SOILS

Role of aeration in changing the properties of turf-Podzolic soils I P. Grechin Dokl TSKhA no 63:93-90 '61

GASKELL, ELIZABETH, 1810-1865

E. Gaskell's ideological and creative development. B. B. Bunich-Reunizov. Dosl. z lit. ta mov. no. 1:73-76 '60.

GASOLINE

Selective hydrofining of catalytically cracked gasolines. D. L. Goldshtein, L. N. Osipov, A V Agafonov Khim sera i azotorg soed. v neft i nefteprod 3:380-395 '60.

GASTRIC JUICE

On the hemopoietic factor of the stomach [with summary in English]. M. G. Kakhetelidze, N. A Fedorov. Pat. fiziol. i eksp. terap. 5 no. 1:15-24 Ja-F '61.

GASTRIC JUICE—THERAPEUTIC USE

Treating trichomonal colpitis with gastric juice. I. V. Movchan. Ped. , akush. i gin. 23 no 1:64 '61.

GASTROPODA, FOSSIL see subdivision under Black Sea; Kotuy Valley

GAUGES

Centering inserts for height gauges. B. V. Vinogradov, P. P. Rodigin. Mashinostroitel' no. 6:18 Je '61.

GAUGING see subdivision under Izhevsk

GAZIMUR VALLEY—GEOLOGY, STRATIGRAPHIC

Recent data on the Jurassic sediments in the Gazimur region of eastern Transbaikalia. T. O. Zabokritskii. Trudy VNIGRI no. 163:437-456 '60.

GEAR CUTTING

Machining worms on a gear-milling machine. V. L. Romanovskii, V. A. Rusin. Mashinostroitel' no. 6:15 Je '61.

Selecting allowances for shaving medium-module gears. M. Z Mil'shtein. Stan i instr. 32 no. 7:24-26 Jl '61.

GEAR-CUTTING MACHINES—TECHNOLOGICAL INNOVATIONS

Automatic mechanism for setting and clamping billets on a gear-milling machine. S M. Kuznetsov Stan. i instr 32 no. 7:9-10 Jl '61.

GEAR-SHAPING MACHINES

The 528 machine for hot rolling of bevel gear teeth. E. S. Zhidkenkov. Vest. mash. 41 no. 7:46-49 Jl '61.

The 586 gear-grinding machine. L. I. Savinov. Biul. tekh.-ekon. inform. no. 6:36-37 '61.

GEARING

Analytic methods for investigating three-dimensional toothing. F I. Litvin. Trudy Inst mash. Sem. po teor mash 21 no. 83-84 113-121 '61

Induction hardening of high-module gears. P. I Butkevich Metalloved i term obr met no 7:56-57 Jl '61

Quality and strength of gears D. M. Zmiev Vest mash. 41 no. 7:8-11 Jl '61.

Selecting the groove angle for an inertia synchronizing gear. V. N. Venediktov, B M Partenskii Trudy Ural politekh inst no 101 222-224 '61

GEARING—TESTING

Combing single-profile testing of gears at operating loads and speeds. M. A. Skuridin, L. A. Kudriavtsev. Izm. tekh. no. 7:1-3 Jl '61

GEESE—PARASITES see Parasites—Geese

GELENDZHIK—HEALTH RESORTS, WATERING PLACES, ETC.

Materials on the problem of treating chronic inflammations of the mucosa of the upper respiratory tracts under conditions of the Gelendzhik Health Resort [with summary in English]. A. A. Akimov, E. A. Volkov, N. K. Satsunkovich. Zhur. ush., nos. i gorl. bol. 20 no. 4:48-53 Jl-Ag '60.

GEMS

Fersman, A. E. [The story of gems] Rasskazy o samotsvetakh. Moskva, Izd-vo Akad. nauk SSSR, 1961. 261 p.

GENERATIVE ORGANS

Influence of some radioactive isotopes on the sexual organs of laboratory animals. M S. Bakshaliev, K. P. Riabov. Ped., akush. i gin. 23 no. 1:58-62 '61.

GENERATIVE ORGANS, FEMALE—DISEASES

Study of gynecological diseases in women working in the petroleum industry [in Azerbaijani with summary in Russian]. S Kh. Nazarli, S. D. Lemberanskaia. Azerb. med. zhur. no. 6:65-69 Je '61.

GENERATIVE ORGANS, MALE—WOUNDS AND INJURIES

Deferred plastic surgery of the skin following total scalping of the penis and scrotum. V. I. Titaev. Zdravookhranenie 2 no. 1:57 Jl-Ag '59

GENERATORS, ELECTRIC see Electric generators

GENETICS

Nature of radiogenetic changes and the study of the effect of ionizing radiations on the heredity of man N. P. Dubinin Zhur. VKHO 6 no. 3:332-337 '61.

Progress and problems of genetics. J. Lederberg. Zhur VKHO 6 no. 3:298-304 '61.

GENITOURINARY ORGANS

Some characteristics of the urogenital system in cetaceans [with summary in English]. A V Iablokov. Biul MOIP Otd biol 66 no. 2:33-38 Mr-Ap '61.

GEOCHEMICAL PROSPECTING
(see also subdivision under Kazakhstan)

Hydrochemical methods of prospecting for copper pyrite deposits in the Southern Urals [with summary in English]. V F. Kovalev and others. Geokhimiia no. 7 596-603 '61.

GEOCHEMISTRY

Lukashev, K. I. [Man is served by geochemistry] Geokhimiia sluzhit cheloveku. Minsk, 1961, 46 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Belorusskoi SSR, no. 8/9)

Reports of Professor K. B. Krauskopf (U. S. A.) in the Institute of the Geology of Ore Deposits, Petrology, Mineralogy, and Geochemistry of the Academy of Sciences of the U. S. S. R. I. D. Riabchikov. Geol. rud. mestorozh. no. 3:124-127 My-Je '61.

Some problems in the geochemistry of boron [with summary in English]. V. L. Barsukov. Geokhimiia no. 7: 561-572 '61.

GEODESY see subdivision under Kuybyshev

GEODESY—ABSTRACTS

[Astronomy and geodesy.] Ref. zhur.: Astron. i geod. no. 6 Je '61.

GEOGRAPHICAL DISTRIBUTION OF ANIMALS AND PLANTS

Role of zonality in the process of evolution [with summary in French]. S. M. Iablokov-Khnzorian Zool. zhur. 40 no. 6:797-808 Je '61.

GEOGRAPHICAL MUSEUMS see subdivision under Khyatkhta; Moscow Province

GEOGRAPHICAL NAMES see Names, Geographical

GEOGRAPHICAL POSITIONS

Distance training for competition in group orientation (closed course). B. P. Poloskii. Teor. i prak. fiz. kul't. 23 no. 10:793-795 '60.

GEOGRAPHICAL SOCIETIES
(see also subdivision under Moscow)

Activities of the Geomorphological Committee of the Moscow Branch of the Geographic Society of the U S S R from January 1 to July 1, 1960 N I. Sokolov Vop geog. no 52 177-183 '61.

Val'kaia, B. A. [Contribution of the Russian Geographical Society to the study of eastern countries] Vklad Russkogo geograficheskogo obshchestva v izuchenie stran Vostoka. Moskva, Izd-vo vostochnoi lit-ry, 1960. 10 p.

GEOGRAPHY
(see also subdivision under Mingechaur Reservoir region; Moscow Province; Sinkiang-Uigur Autonomous region)

Geographical calendar N I Sokolov. Vop geog no 52: 195-198 '61

Practical significance of a theoretical work ("Theoretical problems of geography" by V. A Anuchina Reviewed by N. Baranskii). V mire knig 1 no. 6 6 Je '61

GEOGRAPHY—ABSTRACTS

[Geography.] Ref. zhur.: Geog. no. 6 Je '61.

GEOGRAPHY—BIBLIOGRAPHY see Bibliography—Geography

GEOGRAPHY—CONGRESSES

Nineteenth International Geographical Congress. Z. A. Svarichevskaia. Vest LGU 16 no. 12:165-167 '61.

GEOGRAPHY—STUDY AND TEACHING

Akademiia pedagogicheskikh nauk RSFSR, Moscow. Institut metodov obuchenila. [Teaching geography in eight-year schools according to the new programs] Prepodavanie geografii v vos'miletnei shkole po novym programmam. Pod red. I. I. Samoilova. Moskva, 1960. 141 p.

GEOGRAPHY, ECONOMIC
(see also subdivision 'Economic geography' under Moscow Province; Ural Mountain region)

Long-awaited textbook ("Economic geography of foreign countries, textbook for students," Reviewed by I. M Khaikin). Vest. LGU 16 no 12 164-165 '61.

GEOGRAPHY, ECONOMIC—STUDY AND TEACHING

Necessary advice ("Methodology of teaching the economic geography of the U. S. S. R." by I. I. Samoilov. Reviewed by A. Makhrachev). Nar. obr. no. 6:121 Je '61.

GEOGRAPHY, HISTORICAL

Historical geography features of Moscow Province cities. G. M. Lappo. Vop. geog. no. 51:27-51 '61.

GEOGRAPHY, HISTORICAL—MAPS

Geographical names on historical maps. IU. V. Aristov. Vop ist no 6:211 Je '61.

GEOLOGICAL MUSEUMS see subdivision under Yakutsk

GEOLOGICAL RESEARCH see subdivision under Karaganda Basin; Hungary

GEOLOGICAL SOCIETIES

International Geological Union N. A. Bellaevskii, I I. Gorskii. Sov. geol 4 no. 6 149-153 Je '61.

GEOLOGICAL SURVEYS
(see also subdivision under Podkamennaya Tunguska Valley; Sterlitamak)

Importance of a geomorphological survey in a complete geological survey. N V Bashenina. Vop geog no 52 105-116 '61.

Using the sluicing method in prospecting for minerals in partially closed and closed low mountain areas M. P. Nagorskii. Razved. i okh. nedr 26 no. 2:27-29 F '60.

GEOLOGICAL TIME

Absolute age of intrusions in the eastern Tuva region and the Yenisey Range [with summary in English]. S I Zykov and others Geokhimiia no. 7 547-560 '61.

Age of Vyatka terraces. N. G. Ivanova Biul. MOIP. Otd geol. 34 no. 5:166-167 S-O '59

GEOLOGISTS, AMERICAN—EDUCATION AND TRAINING

A month in America. V. I. Smirnov. Vest. Mosk. un. Ser. 4:Geol. 16 no. 3 74-79 My-Je '61

GEOLOGY
(see also subdivision under Altai Mountains; Anabar Shield; Selety Valley; Turkmenistan; Ukraine; Zilim Valley)

Activity of geological sections of the Moscow Naturalists' Society. Biul. MOIP. Otd. geol. 34 no. 5:141-148 S-O '59.

In anticipation of the 22d Congress of the Communist Party of the Soviet Union. Izv. AN SSSR. Ser. geol. 26 no. 6:3-4 Je '61.

Kuznetsov, S. S. [Geology of the U. S. S. R.] Geologiia SSSR. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1960. 354 p.

Obruchev, V. A. [Geology made interesting] Zanimatel'naia geologiia. Moskva, Izd-vo Akad. nauk SSSR, 1961. 365 p.

GEOLOGY—ABSTRACTS
[Geology,] Ref. zhur. Geol. no. 7 Jl '61.

GEOLOGY—BIBLIOGRAPHY see Bibliography—Geology

GEOLOGY—MAPS
(see also subdivision under Siberia)
New method of compiling sluicing maps S. A. Bektashi. Uch. zap. AGU. Geol.-geog ser no 3 63-68 '60

GEOLOGY—STUDY AND TEACHING see subdivision under Moscow

GEOLOGY, ECONOMIC
(see also subdivision under Kazakhstan)
Objectives and features of geomorphological studies in prospecting for minerals. I V Orlov and others Vop geog no 52-28-34 '61

GEOLOGY, STRATIGRAPHIC
(see also subdivision under Altai Mountains; Amur Valley; Anabar Valley, Azerbaijan, Baikhan Range; Bashkiria; Berezanskiy region; Caucasus, China, Chusovaya Valley, El'brus region, Fedorovka region, Western Bashkiria, Gazimur Valley, Georgia, Gofman Island, Kara-Tau; Karabakh Range, Kazakhstan, Korea, North, Kuznetsk Ala-Tau; Lena Valley; Mama Valley; Mangyshlak Peninsula, Molodo Valley, Mura Valley; Noril'sk region, Pechora Valley, Poland; Russian Platform, Sayan Mountains, Severnaya Zemlya, Siberia, Eastern; Soviet Central Asia; Tatar A. S. S. R., Terek Valley; Tiraspol' region, Tit-Ary region, Transbaikalia; Transcarpathia; Ural Mountain region; Ural Mountains, Usunku Valley; Vakh Valley, Vitim Plateau; Volga-Ural region, Yeysk region, Zaporozh'ye Province)
Abstract of Carl Dunbar and John Rodgers' book "Principles of stratigraphy" [in English] B M. Keller, V. V. Khomentovskii Biul. MOIP Otd geol 34 no 5:150 S-O '59
Climatic data determining the lower stratigraphic boundary of the Pleistocene A I. Moskvitin Biul. MOIP Otd geol 34 no 5 153-154 S-O '59
General survey of the structure of the Tremadoc stage according to the most important profiles of Europe, Asia, and North America B M. Keller Trudy GIN no 18 5-21 '61.
New stage of the Permian in the northeastern part of the U. S. S. R. [with summary in English] V. M Zavodovskii, D. L Stepanov. Sov geol 4 no. 6 71-78 Je '61.
Structure of the rhythms of stratification (multilayer) in flysch V A Grosgeim, K. F Korotkova. Izv vys. ucheb zav, geol i razv 4 no 2 3-19 F '61
Ways of studying the primary sedimentation features of a Pre-Cambrian Mama formation N A. L'vova Izv vys. ucheb zav, geol. i razv. 4 no 2 20-35 F '61

GEOLOGY, STRATIGRAPHIC—MAPS see subdivision under Ural Mountains

GEOLOGY, STRATIGRAPHIC—QUATERNARY see subdivision under Moscow region

GEOLOGY, STRUCTURAL
(see also subdivision under Altai Mountains; Apsheron Peninsula, Azov Sea region; Birsk region; Carpathian Mountains; Caspian Sea region; Caucasus; Denmark; Donets Ridge; Far East; Flagdon Valley; Irtysh Valley; Kama Valley; Kamchatka, Kara-Tau, Kazakhstan; Korea; Lovozero Tundras; Minusinsk Basin, Mongolia; Moscow region; Mugodzhar Hills; Oster Valley; Russian Platform, Stalingrad Province; Transbaikalia; Tuva Autonomous Province; Ural Mountain region; Vandam region; Zaysan region)
Consolidation of Pre-Cambrian massifs [with summary in English] E. I. Chebanenko Dop AN URSR no 5 658-659 '61.
General evolution scale of the relief of the continents. A. E. Krivolutskii. Izv. vys. ucheb. zav., geol. i razv. 2 no. 12 3-12 '59.
Hypothesis of the earth's shell differentiation and geotectonic data [with summary in English]. E. N. Lustikh. Sov. geol. 4 no. 6 28-52 Je '61
Recent crustal movements and areal geotectonics ("History of the development of continents and oceans" [in German] by E Kraus. Reviewed by P N. Kropotkin). Izv. AN SSSR Ser. geol. 26 no 6 112-116 Je '61.
Upper Kazym arch [with summary in English]. V. A. Nikolaev, L. IA. Provodnikov. Geol. i geofiz. no. 5:3-8 '61.
Using the data on recent tectonics [with summary in English]. N. I. Nikolaev Sov. geol 4 no. 5 110-120 My '61

GEOMETRY, DIFFERENTIAL
Nonrigidity of the second order. E. G. Poznlak. Usp. mat. nauk 16 no. 1:157-161 Ja-F '61.

GEOMETRY, NON-EUCLIDEAN
Theory of cycles of parabolic geometry on a plane. N. M. Makarova. Sib. mat. zhur. 2 no. 1:68-81 Ja-F '61.

GEOMETRY, PROJECTIVE
Spaces with center-projective connectivity ($\Gamma_j^i{}_k$ Γi_m) as manifolds immersed in the space of representation of an extended pseudogroup of analytical transformations. V. G Lemlein Dokl AN SSSR 138 no 6:1291-1294 Je '61

GEOMORPHOLOGY
Shchukin, I. S. [General geomorphology] Obshchaia geomorfologiia. [Moskva] Izd-vo Mosk. univ. Vol. 1. 1960. 614 p.

GEOPHYSICAL PROSPECTING see Prospecting—Geophysical methods

GEOPHYSICS
Solution to the boundary value problem of radiowave propagation about the earth with allowance for the main geophysical factors. P E. Krasnushkin. Dokl. AN SSSR 138 no 5:1055-1058 Je '61.

GEOPHYSICS—ABSTRACTS
[Geophysics.] Ref. zhur.: Geofiz. no. 6 Je '61.
[Geophysics.] Ref. zhur.: Geofiz. no. 7 Jl '61.

GEOPHYSICS—INTERNATIONAL COOPERATION
International Committee on Geophysics A D Povzner. Vest. AN SSSR 31 no 5 94-95 My '61.

GEORGIA
People of sunny Georgia. M Mukhtasipov Sov. voin. 43 no 10 11-12 My '61

GEORGIA—ANALCITE
Petrography of Senonian tufaceous analcimes in the Rachi region (western Georgia). T. M. Shatirishvili Trudy VNIGNI no 15 161-172 '59.

GEORGIA—BARITE
Some problems in the mineralogy of the barite deposits of western Georgia T. D Bagratishvili Trudy AN Gruz. SSR, Min i petr. ser 5 45-61 '61.

GEORGIA—BUDGET
The budget in the service of the economic and cultural development of the Georgian S. S. R. B. Chkheidze. Fin. SSSR. 22 no 6:60-60 Je '61.

GEORGIA—CHEMISTRY
Contribution of Georgian scientists to the development of chemistry in the last 40 years A M. Gakhokidze Zhur ob khim 31 no. 6:1-VI Je '61

GEORGIA—COAL GEOLOGY
Dzotsenidze, G. S., and N. I. Skhirtladze. [Lithology and paleogeography of the Middle Jurassic coal sediments in western Georgia] Litologiia i paleogeografiia polosy srednelurskikh uglenosnykh otlozhenii Zapadnoi Gruzii. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1961. 110 p.

GEORGIA—CORN (MAIZE)
Two crops in a year. Z. Archevnishvili. Sel'. mekh. no 6:9-10 '61.

GEORGIA—CRIMINAL LAW
Georgia (Transcaucasia) Laws, statutes, etc. [Criminal code of the Georgian Soviet Socialist Republic; in force as of March 1, 1961] Ugolovnyi kodeks Gruzinskoi Sovetskoi Sotsialisticheskoi Respubliki; vvoditsia v deistvie s 1 marta 1961 goda. [Tbilisi] Gos. izd-vo "Sabchota Sakartvelo," 1961. 149 p.

GEORGIA—CRIMINAL PROCEDURE
Georgia (Transcaucasia) Laws, statutes, etc. [The criminal procedure code of the Georgian S. S. R.; in force since March 1, 1961] Ugolovno-protsessual'nyi kodeks Gruzinskoi SSR, vvoditsia v deistvie s 1 marta 1961 g. Tbilisi, Izd-vo TsK KP Gruzii, 1961. 204 p.

GEORGIA—ECONOMIC CONDITIONS
Fortieth anniversary of Soviet Georgia. Az. i Afr. sog. no 5:23 My '61.

GEORGIA—EPIDEMIOLOGICAL SOCIETIES
Report on the activity of the Georgian Sc[illegible] biologists Epidemiologists and Specia Diseases during 1959. V. S. Antadze. epid. i immun 32 no 1:156-157 Ja

GEORGIA—GAS, NATURAL—GEOLOGY
Oil and gas potentials of Georgia. M. S Trudy VNIGNI no. 15:6-11 '59.
Possible oil and gas occurrences in Mes of western Georgia. E. K. Vakhania a Trudy VNIGNI no. 15:66-78 '59.
Stratigraphy, and oil and gas potentials series in Georgia E. K. Vakhania T no. 15. 31-48 '59.

GEORGIA—GEOLOGY, STRATIGRAPHIC
Stratigraphic scale of Tertiary sedimen D. A. Buleishvili, E. K. Vakhania. Tr no 15:12-23 '59.

GEORGIA—LEPROSY
History of leprosy in Georgia [with sum G. P. Chirakadze. Sbor. nauch. rab. po no. 13:17-20 '59

GEORGIA—MAPS—SYMBOLS
Relief representation on maps of the ati gian S. S. R. N. A. Suzdal'tseva Geod 43-48 Je '61.

GEORGIA—MICROORGANISMS, NITROGEN-FIXING
Nitrogen-fixing micro-organisms in the Red soils of Georgia [with summary in English]. N. A. Daraselia. Pochvovedenie no. 4, 111-114 Ap '61.

GEORGIA—MINERALS
Mineralogy of complex metal occurrences in the southwestern part of the Lok Massif T D. Bagratishvili. Trudy AN Gruz SSR Min i petr ser 5 65-84 '61
Mineralogy of complex metal occurrences in the southwestern part of the Lok Massif T D. Bagratishvili. Trudy VNIGNI no 15 94-111
Possible oil and gas occurrences in Mesozoic sediments of western Georgia F. K. Vakhania and others. Trudy VNIGNI no 15 66-78 '59.
Stratigraphy, and oil and gas potentials of the Maikop series in Georgia E. K Vakhania Trudy VNIGNI no 15, 31-48 '59

GEORGIA—PROSPECTING
Principal results of geologic exploration in the Georgian S. S. R during the 40 years of the Soviet power [with summary in English] G. K Kereselidze Sov geol 4 no. 6, 53-57 Je '61.

GEORGIA—RAILROADS—HYGIENIC ASPECTS
Oldest in the republic. G. Kachkachishvili. Sov klin khirurgiia no. 3 13 My-Je '61.

GEORGIA—ROADS
Georgian roads after forty years. G. Robitashvili Avtodor. 24 no. 5 7-9 My '61.

GEORGIA—ROCKS, SEDIMENTARY
Lithology of the variegated series of the Tkibuli-Dzmuisi belt [in Georgian with summary in Russian] G Chikhradze Trudy AN Gruz. SSR Min i petr ser. 5 179-207 '61.

GEORGIA—WEED CONTROL
Basing the control of principal tea plantation weeds of western Georgia on their biological characteristics [in Georgian with summary in Russian] G. S Tatishvili Izv Bot bot sada no 8 126-150 '57

GEORGIAN LANGUAGE—DICTIONARIES—RUSSIAN
Akademiia nauk Gruzinskoi SSR, Tiflis. Institut iazykoznaniia. Technical terminology, Georgian-Russian part] Tekhnicheskaia terminologiia, Gruzinsko-russkaia chast'. Pod red V. M. Beridze, R. R. Dvali i R. B. Gambashidze. Tbilisi, 1960-459 p.

GEORGIAN LANGUAGE—TRANSLATING
Distributing letters in words in the Georgian language [in Georgian with summary in Russian] G N. Tsertsvadze, T. G Gachechiladze. Trudy Inst. elek., avtom. i telem. AN Gruz. SSR 1:20-30 '60
Statistics of two-letter combinations for the Georgian literary language [in Georgian with summary in Russian], T. G Gachechiladze, A. I. Elinashvili. Trudy Inst elek., avtom. i telem AN Gruz SSR 1:25-27 '60.
Systems for the analysis of the Georgian language for machine translation [in Georgian with summary in Russian], M. D. Damenia, Trudy Inst. elek., avtom i telem. AN Gruz. SSR 1 3-15 '60.

GEPHYREA
Systematics of zoogeography of priapulids V. V. Murina, IA. I. Starobogatov. Trudy Inst. okean 46 179-200 '61

GERBILS
Case of the isolation of hemorrhagic septicemia pathogene

GERMAN LITERATURE—HISTORY AND CRITICISM

The unsurmounted past. L. Kopelev Novyi mir 37 no. 6:218-226 Je '61.

GERMANIC LANGUAGES—STUDY AND TEACHING

Germanic and Romance language study in the Soviet Union for forty years O. Kh. 'Sakhar Uch. zap. Irk. gos. ped. inst. inostr. iaz. no. 3 97-123 '59

GERMANIUM

Adsorption as an explanation for germanium accumulation in coals S. A. Gordon Nauch. trudy MGI no. 27:47-56 '59

Distribution of germanium and gallium in lignite. S. A. Gordon, F. IA. Sapozhin. Nauch. trudy MGI no. 27 13-25 '59.

Electron capture cross sections for manganese atoms in germanium. V. G. Landsberg, S. G. Kalashnikov. Fiz. tver. tela 3 no. 5 1566-1570 My '61.

Exposure of dislocations in germanium by etching. V. N. Vasilevskaia, T. G. Mikeliuk. Fiz. tver. tela 3 no. 2 429-435 F '61

Germanium in granitoids of the Ukrainian crystalline shield [with summary in English]. E. S. Burkser, B. T. Mitskevich, K. I. Lazebnik. Geokhimiia no. 6 515-520 '61.

High deposition thermal acceptors in germanium. V. A. Zhidkov. Fiz. tver. tela 3 no. 2 464-475 F '61

Investigating macrocrystalline layers of germanium obtained by pyrolysis from the gaseous phase. G. A. Karov, N. N. Sheftal', N. P. Kokorish. Fiz. tver. tela 3 no. 2 370-372 F '61.

Investigating the conditions of coprecipitation of germanium with iron hydroxide. Kh. IA. Kuus. Izv. vys. ucheb. zav., khim. i khim. tekh. 3 no. 2, 235-238 '60.

Knocking electrons out of germanium with cesium, potassium, lithium and hydrogen ions. I. A. Abroian. Fiz. tver. tela 3 no. 2 588-594 F '61

Longitudinal magnetoresistance of semiconductors of n-germanium type within the quantum limit. M. N. Riabinin. Fiz. tver. tela 3 no. 5 1310-1313 My '61.

Stationary concentration of thermal acceptors in germanium under various conditions of heat treatment. V. A. Zhidkov. Fiz. tver. tela 3 no. 2 459-463 F '61.

Substances in coal, on the one hand, and rare and trace elements, on the other hand. Report 1. Sorption of germanium by carbonaceous adsorbents. L. V. Petrovskaia. Nauch. trudy MGI no. 27, 27-34 '59.

GERMANIUM—ANALYSIS

Germanium determination in coals and their products. S. A. Gordon, A. N. Aleksandrova. Nauch. trudy MGI no. 27 71-74 '59.

Mineral composition of coal as a factor in characterizing germanium accumulation. S. A. Gordon, A. G. Motina. Nauch. trudy MGI no. 27 57-63 '59.

Rapid method of quantitative chemical determination of germanium in coal ash. A. N. Aleksandrova. Nauch. trudy MGI no. 27:65-69 '59.

GERMANIUM—ELECTRIC PROPERTIES

Investigating germanium by photoelectric methods. V. A. Petrushevich, V. K. Subashiev, G. P. Morozov. Fiz. tver. tela 3 no. 5 1505-1514 My '61.

Investigating variations in the length of the diffusion displacement of current carriers and in the electrode potential of germanium during electrolytic treatment. P. P. Konorov, M. N. Kolbin. Fiz. tver. tela 3 no. 5 1553-1556 My '61.

Surface levels on germanium according to data on photoconductivity in the infrared spectral region. A. V. Rzhanov, A. F. Plotnikov. Fiz. tver. tela 3 no. 5:1557-1560 My '61.

Temperature dependence of low-frequency fluctuations in conductivity in back-bias p-n junctions in germanium. IU. S. Karpov. Fiz. tver. tela 3 no. 5:1571-1573 My '61.

GERMANIUM—METALLURGY

Extraction of Ni, Ag, and Fe impurities from germanium [with summary in English] K. D. Gynchuk, N. M. Tkach. Ukr. fiz. zhur. 6 no. 1 49-55 Ja-F '61.

GERMANIUM—SPECTRA

Effect of small admixtures of antimony on the L-series X-ray spectrum of germanium [with summary in English] M. I. Korsunskyi, N. P. Borovykova. Ukr. fiz. zhur. 5 no. 1 88-93 Ja-F '60

GERMANIUM ALLOYS—ELECTRIC PROPERTIES

Resistivity of high-alloy germanium. V. I. Fistul', A. IA. Gubenko. Fiz. tver. tela 3 no. 6:1617-1619 My '61.

GERMANIUM COMPOUNDS—ANALYSIS

Carbonylic compounds of germanium. S. A. Gordon. Nauch. trudy MGI no. 27 129-135 '59.

GERMANIUM CRYSTALS

Dependence of the parameters of the compression curves for germanium single crystals on temperature and on the deformation rate. V. G. Goverkov, V. R. Regel'. Fiz. tver. tela 3 no. 5:1324-1330 My '61.

GERMANIUM DIODES

Reverse volt-ampere characteristic of semiconductor diodes. G. M. Avakiants, D. A. Aronov, P. M. Karageorgii-Alkalaev. Fiz. tver. tela 3 no. 5:1400-1410 My '61.

GERMANIUM HYDRIDES

Addition of germanium hydrides to unsaturated compounds. N. G. Dzhurinskaia, V. F. Mironov, A. D. Petrov. Dokl. AN SSSR 138 no. 5 1107-1110 Je '61

GERMANIUM ORES—SPECTRA

Spectral determination of germanium and other elements in ores with the aid of the sulfidation of elements in the process of evaporation [with summary in English]. A. K. A. K. Russanov, V. M. Alekseeva, N. V. Il'iasova. Zhur. anal. khim. 16 no. 3, 284-291 My-Je '61.

GERMANY—ORTHOPTERA

"Orthopterans, Blattodea, Mantodea, Saltatoria, Dermaptera" [in German] by K. Harz. Reviewed by G. IA. Bienko. Zool. zhur. 40 no. 6:948-949 Je '61

GERMANY—TRIALS (POLITICAL CRIMES AND OFFENSES)

Dimitrov, Georgi. [The Leipzig Trial; speeches, letters, and documents] Leiptsigskii protsess; rechi, pis'ma i dokumenty. Moskva, Gos. izd-vo polit. lit-ry, 1961. 487 p.

GERMANY—UNDERGROUND LITERATURE

Publication of Lenin's "Iskra" in Germany. B. Janel. Vest. Mosk. un. Ser. 7: Filol., zhur. 16 no. 3:3-13 My-Je '61

GERMANY—WORLD WAR, 1939-1945

History of the ideological preparations of Hitlerite Germany for her aggression against the U. S. S. R. (with summary in English, pp. 221-222). A. Anderle. Vop. ist. no. 6:85-95 Je '61

GERMANY—WORLD WAR, 1939-1945—CONCENTRATION CAMPS

With heads erect! ("War prisoners" by Vladimir Bondarets. Reviewed by Aleksandr Prilomenko). Sov. Ukr. 11 no. 6 170 Je '61

GERMANY—WORLD WAR, 1939-1945—PEACE

Before it is too late. Nov. vrem. 19 no. 26:1-3 Je '61. German Peace Plan. Nov. vrem. 19 no. 30:1-2 Jl '61.

GERMANY, EAST—BOILERS

Manufacture of boilers in the German Democratic Republic. I. N. Rozengauz. Biul. tekh.-ekon. inform. no. 6 85-87 '61.

GERMANY, EAST—CAMERAS

Cameras and lenses of the German Democratic Republic. Sov. foto 21 no. 6 36-37 Je '61.

GERMANY, EAST—CHEMICAL SOCIETIES

Annual meeting of the Chemical Society of the German Democratic Republic. N. I. Shuikin. Vest. AN SSSR 31 no. 5 95-96 My '61

GERMANY, EAST—CITY PLANNING

Best layout for planning and building a central square. Strol. i arkhit. 9 no. 5:36 My '61.

GERMANY, EAST—DECORATIONS OF HONOR, ACADEMIC

The German Democratic Republic conferred the honorary doctor of law degree on a Soviet lawyer. Izv. vys. ucheb. zav., prav. 4 no. 1, 181 '60

GERMANY, EAST—DICTIONARIES AND ENCYCLOPEDIAS

[Look in the encyclopedia; facts about the German Democratic Republic] Zagliani v entsiklopediiu; fakty o Germanskoi Demokraticheskoi Respublike. Berlin, Ob-vo kul'turnoi sviazi s zagranitsei [1960] 96 p.

GERMANY, EAST—FACTORY MANAGEMENT

Planning, regulation, and calculation of production by the "sorting method" ("Organization of work by the 'sorting method'." Reviewed by G. Guseev). Plan. khoz. 38 no. 7 91-92 Jl '61.

GERMANY, EAST—FASHION

Fashion and science (from "Wissen und Leben"). W. Iluste. Nauka i zhizn' 28 no. 5:67 My '61.

GERMANY, EAST—INDUSTRIES

Industrial regionalization of the German Democratic Republic in the seven-year plan, 1959-1965 [with summary in English]. S. B. Lavrov. Vest. LGU 16 no. 12: 103-115 '61.

GERMANY, EAST—INSECTICIDES

"Melipax," killer of agricultural pests (from "Jugend und Technik"). Nauka i zhizn' 28 no. 5:40 My '61.

GERMANY, EAST—LAW—PERIODICALS

They struggle for peace and the security of nations. A. I. Munder. Sov. gos. i pravo 31 no. 6:120-124 Je '61.

GERMANY, EAST—LEGAL RESEARCH

They struggle for peace and the security of nations. A. I. Munder. Sov. gos. i pravo 31 no. 6:120-124 Je '61.

GERMANY, EAST—LENSES, PHOTOGRAPHIC

Cameras and lenses of the German Democratic Republic. Sov. foto 21 no. 6:36-37 Je '61.

For amateur motion-picture photographers. Sov. foto 21 no. 6:37 Je '61.

GERMANY, EAST—PARACHUTING

Those who fall from the sky. D. Hense. Kryl. rod. 12 no. 7, 31 Jl '61.

GERMANY, EAST—PERIODICALS

"Science and progress" (Wissenschaft und Fortschritt). K. Broder. Nauka i zhizn' 28 no. 5 12 My '61

GERMANY, EAST—PHOTOGRAPHY

Our interviews. Sov. foto 21 no. 6:38 Je '61.

GERMANY, EAST—PUBLIC HEALTH

"Textbook of Social Hygiene" [in German] by Bayer and Winter. Reviewed by K. V. Maistrakh. Sov. zdrav. 19 no. 3, 76-79 '60.

GERMANY, EAST—PUBLIC HEALTH, RURAL

Participation of the population in the organization of the rural public health system in the German Democratic Republic. C. Knabe. Sov. zdrav. 19 no. 3 71-73 '60

GERMANY, EAST—POLITICS AND GOVERNMENT

Ulbricht, Walter. [Basic problems of the policy of the Socialist Unity Party of Germany; report at the 30th Plenum of the Central Committee of the Socialist Unity Party of Germany. The struggle for peace, for the victory of socialism, for the national renaissance of Germany as a peace-loving State; report at the 5th Congress of the Socialist Unity Party of Germany. Translated from the German] Osnovnye voprosy politiki Sotsialisticheskoi edinoi partii Germanii, doklad na 30 plenume TSentral'nogo Komiteta Sotsialisticheskoi edinoi partii Germanii. Bor'ba za mir, za pobedu sotsializma, za natsional'noe vozrozhdenie Germanii kak mirolubivogo demokraticheskogo gosudarstva, doklad na V s"ezde SEPG. Moskva, Gos. izd-vo polit. lit-ry, 1960. 287 p. (Bibliotechka po nauchnomu sotsializmu, no. 57)

GERMANY, EAST—RAILROADS—SIGNALING

Survey of foreign magazines. Avtom., telem. i sviaz' 5 no. 6 47-48 My '61.

GERMANY, EAST—RELATIONS (GENERAL) WITH RUSSIA

Foreign visitors comment on the "Seven-Year Plan in Action" exhibition. Important and interesting event. H. Acksman. Sov. foto 21 no. 6 27 Je '61.

GERMANY, EAST—SHAFT SINKING

Parallel work in shaft sinking in the German Democratic Republic [translated from the German, from "Bergbautechnik," October, 1960] D. V. Shishkov. Shakht. stroi. 5 no. 6:28-32 Je '61

GERMANY, EAST—SULFURIC ACID INDUSTRY

"Madame H_2SO_4" (from Wissen und Leben"). Nauka i zhizn' 28 no. 5:56 My '61

GERMANY, EAST—TECHNOLOGICAL INNOVATIONS

Troubles of ordinary members. S. Pankratov. Izobr. i rats. no. 6:27 Je '61

GERMANY, EAST—TELESCOPE, REFLECTING

All-purpose telescope (from "Jenaer Rundschau"). R. Jobst. Nauka i zhizn' 28 no. 5 46 My '61

GERMANY, EAST—ULTRAVIOLET RAYS—THERAPEUTIC USE

Solarium (from "Jugend und Technik"). Nauka i zhizn' 28 no. 5:40 My '61

GERMANY, EAST—WIRE ROPE

Wire rope coatings [from "Die Technik", no. 4, 1955, "Draht-Welt", no. 6, 1959] Gor. zhur. no. 6:54-56 Je '61.

GERMANY, WEST—ARMY—SUPPLIES AND STORES

Supply organization for ground troops of the German Federal Republic at the corps-battalion level. M. Grossman. L. Azarkh. Tyl i snab. Sov. Voor. Sil 21 no. 1 95-96 Ja '61.

GERMANY, WEST—FLOUR

Production of high-protein flour in the Federal Republic of Germany. G. Bardyshev. Muk.-elev. prom. 27 no. 5:29-31 My '61

GERMANY, WEST—INDUSTRIAL MANAGEMENT

Training specialists in labor organization and establishment of work standards in the Federal Republic of Germany (REFA system). G. Koirova. Biul. nauch. inform. trud i zar. plata 4 no. 4 64-68 '61.

GERMANY, WEST—INLAND WATER TRANSPORTATION

River transportations in the German Federal Republic. E. TSvetkov. Rech. transp. 20 no. 6:53-55 Je '61

GERMANY, WEST—MILITARISM

European security and the threat of West German militarism. Mezhdunar. zhizn' 8 no. 7:67-125 Jl '61

GERMANY, WEST—POLITICS AND GOVERNMENT
Principal political parties and the election system of the German Federal Republic Mezhdunar. zhizn' 8 no. 7 165-166 Jl '61

GERMANY, WEST—PRODUCTION STANDARDS
Training specialists in labor organization and establishment of work standards in the Federal Republic of Germany (REFA system) G Kairova Biul. nauch inform. - trud i zar. plata 4 no 4 64-68 '61.

GERMANY, WEST—SACRIFICE, HUMAN
Notes on international events. Voiov ateist no. 2 58-59 F '61.

GERMANY, WEST—SHIPBUILDING
Tank vessel made of light alloys [from "Schiff und Hafen," no 7, 1960] Sudostroenie 27 no 5,61-64 My '61.

GERMANY, WEST—SHIPS
Ships built in the German Federal Republic [from "Schiff und Hafen" no.10, 1960, no 11, 1960, Shipbuilding and Shipping Record" no.17, 1960, "Hansa" no. 43/44, 1961] Sudostroenie 27 no 6 76-78 Je '61.

GERMANY, WEST—SUGAR MACHINERY
New condensate outlet. A. R. Sapronov. Sakh. prom. 35 no 6.76-78 Je '61.

GERMANY, WEST—TRADE UNIONS
"Blind power" [in German] by Theo Pirker. Reviewed by V. Gorin. Nov. vrem. 19 no. 26:30-31 Je '61.

GERMANY, WEST—TRAWLS AND TRAWLING
Trawler fleet of the German Federal Republic [from foreign journals]. P. M Khokhlov. Sudostroenie 27 no 5:50-61 My '61

GERMICIDES see Disinfection and disinfectants

GERMINATION
Agrometeorological conditions of the planting time of corn in the Ukraine A M. Kokukh, G. L. Timoshenko Trudy UKrNIGMI no. 22:32-38 '61
Biology of germination in Rumex tianschanicus A. Los. S. S. Sagatov. Uzb. biol. zhur. no 1:36-38 '61
Changes in respiration intensity during the germination of corn seeds Kh. Gering. Vest. Mosk un Ser 6. Biol., pochv. 16 no 3:15-21 My-Je '61
Determining the resistance of corn seeds to unfavorable germination conditions. M. A. Filimonov. Dokl. TSKhA no. 59:85-90 '60.
Effect of concentrated salt solutions on the physiology of swelling and germination in the seeds of some trees and shrubs S. A Alekperov Izv. AN Azerb SSR Ser biol i med nauk no. 1 15-23 '61
Effect of mechanical injury of grain on the germinating capacity of hard wheat. M. P. Savchenko. Uch. zap. Omsk. gos. ped. inst. no. 12.29-16 '59.
Effect of temperatures below the freezing point on the germinating capacity of stored hard wheat. M. P. Savchenko. Uch. zap. Omsk. gos. ped. inst. no. 12:3-20 '59.
Effect of the air temperature on the length of the period between the sowing and sprouting of grain crops. V. P Dmitrenko. Trudy UKrNIGMI no. 22 19-31 '61.

GET'E, FEDOR ALEKSANDROVICH, 1863-1939
Fedor Aleksandrovich Get'e; on the 50th anniversary of the S.P.Botkin Moscow City Clinical Hospital. A.N.Shabanov. Sov.med. 25 no.5:154-157 My '61.

GHANA
Orestov, O. L. [In the Republic of Ghana; a journalist's notes] V Respubliko Gana; zapiski zhurnalista. Moskva, Gos. izd-vo polit. lit-ry, 1961. 95 p. (Afrika segodnia)

GIARDIASIS
Centenary of the discovery of Lamblia; sketch of the history of lambliosis N. V El'shteln. Sov. zdrav. 19 no 3 56-61 '60
Complications during acrichine therapy for children with lambliasis. E L. Varlamova. Sov.med. 25 no.5:137-138 My '61.

GIBBERELLIC ACID
How the development of sunflowers is affected by indoleacetic and gibberellic acids in their separate and combined application. M. M. Gukova, V.V. Paustov. Doklady TSKhA no 57 133-138 '60.

GIBBERELLINS
Experimental production of Fusarium variants synthesizing increased amounts of gibberellin. A. A. Imshenetskii, O. M. Ul'ianova. Dokl. AN SSSR 136 no. 5: 1204-1207 Je '61.
Effect of gibberellin on the growth and development of kidney beans and oats in soils with various calcium content A. V. Peterburgskii. Dokl TSKhA no. 64: 19-24 '61.

GIRAFFES, FOSSIL see subdivision under Armavir region

GIRDERS see Beams and girders

GLACIOLOGICAL RESEARCH see subdivision under Antarctic regions; Caucasus; Verkhne-Kolymsk District, Yel'nya District

GLACIOLOGY—CONGRESSES
Discussion on problems in glaciology. K. G Makarevich, P. A Cherkasov Vest AN Kazakh. SSR 17 no 6 99-100 Je '61.

GLADKOV, FEDOR VASIL'EVICH, 1883-1958
The end of a long road ("Collected works in eight volumes" by F. Gladkov. Reviewed by S. Asadullaev). Vop. lit. no. 12:186-190 D '59.

GLANDS, DUCTLESS see Endocrine glands

GLASS
State of the silicate glass surface as a factor in the strength of bonding. T V Glubova Izv. vys. ucheb zav.; khim i khim. tekh. 3 no 2 341-342 '60

GLASS—ELECTRIC PROPERTIES
Investigating the electrical conductivity of rubidium-boron glasses. B I Markin. Fiz tver. tela 3 no 2 450-455 F '61.

GLASS—TESTING
Torsion test for plastics and inorganic glasses at temperature above the vitrification point. A S Eremeeva. Zav. lab. 27 no. 6,743-747 '61.

GLASS CONSTRUCTION
[Glass in construction. Translated from the Czech] Steklo v stroitel'stve; sbornik statei. Pod red. V. M. IAnishevskogo. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 175 p.

GLASS FIBERS
Glass-cement articles. K. Birlukovich, D. Birlukovich. Stroi. i arkhit. 9 no. 4:25-28 Ap '61.
Glass cloth for heat insulation. K. Lesin, Na stroi. Ros. no. 4:32 Ap '61.
The KSV-100-12 conveyer for processing glass fibers. L. M. Zel'din. Biul. tekh.-ekon. inform. no. 6:17-16 '61.

GLASS FURNACES
Solomin, N. V. [Refractories for glass furnaces; production and use] Ogneupory dlia steklovarennykh pechei, proizvodstvo i primenenie. Izd. 2., perer. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 185 p.

GLASS MANUFACTURE
Hidden potentialities for the increase of labor productivity in the production of construction glass. M. Plotkina, B. Pozin. Sots. trud 6 no 5 58-60 My '61
Raising the strength of thin glass. I. A. Bogusiavskii, F. F. Vitman, V. P. Pukh. Dokl. AN SSSR 138 no. 5 1062-1065 Je '61.

GLASS REINFORCED PLASTICS
Gorlainova, A. V. [Glass-reinforced plastic in machinery manufacturing] Steklioplastiki v mashinostroenii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 214 p.

GLASS SUBSTITUTES
Laboratory equipment from organic glass for cytophysiological investigations. E. I. Zaar, I. B. Lozina-Lozinskii. TSitologiia 3 no 3:359-361 My-Je '61.

GLAUCOMA
Significance of elastotonometric investigations in the early diagnosis of glaucoma in trachoma patients. T.Kh. Rasulova. Azerb. med. zhur. no. 6:31-37 Je '61.

GLAZES see subdivision under Bukhara

GLAZING—EQUIPMENT AND SUPPLIES
Attachment for a punch. Stroitel' no. [illegible]

GLAZING—SAFETY MEASURES
Voronov, P. I. [Pamphlet on safety glazier] Pamiatka po tekhnike bezo stekol'shchika. Moskva, Gos. izd-arkhit. i stroit. materialam, 1961. bezopasnosti)

GLIDERS (AERONAUTICS)
New standard glider A. Arbachaus no 2 20-21 F '61.

GLIDING AND SOARING
(see also subdivision under Kauna
Gonchiarenko, V. Ve. [Story of gliding o planernom sporte. Moskva, Izd-102 p.
More about flights outside the airpo rod. 12 no. 6:21 Je '61.
Winch or tow plane? M. Sul'gin. K 20 Jl '61.

GLOBINO DISTRICT—SUGAR BEETS
Let's include sugar beets in feed rat Agitator no. 13:28-30 Jl '61.

GLOBINO DISTRICT—FIELD CROPS—DISEASES AND PESTS
Our practices of controlling field crop diseases and pests. A. T. Radchenko. Zashch. rast. ot vred. i bol. 5 no. 1:10-12 Ja '60.

GLOBULIN
Regular features in changes of the amino acid composition of the globulin of blood serum in cattle D D Pozamantir Dokl TSKhA no 61 61-64 '61

GLUBOKOYE LAKE (MOSCOW PROVINCE)
Glubokoye Lake. B. B. Bogoslovskii. Vop. geog. no. 51: 148-163 '61

GLUCAN
Studies on the activity of yeast glucans in relation to the properdin system [with summary in English]. M. E Preobrazhenskaia, V M Kuznetsova, E. L. Rozenfel'd. Vop. med. khim 7 no. 2:158-163 Mr-Ap '61.

GLUCOKINASE
On the role of the nervous system in the regulation of glucokinase activity in muscles. N I. Belitseva Biokhimiia 26 no 3 412-419 My-Je '61

GLUCOPYRANOSE
Polyethers of levoglucosan Part 1. Polymerization of levoglucosan and its ethers [with summary in English]. V V Korshak and others. Vysokom. soed. 3 no. 3 477-485 Mr '61.

GLUCOSE
Effect of glucose and sodium citrate on respiration and the amount of purines and nucleic acids in pupae of the silkworm Bombyx mori infected with grasserie [with summary in English] T H. Brezhunova Ukr. biokhim zhur. 33 no. 3 363-373 '61.
Supersaturation nomogram of glucose solutions. S. K. Zhuta. Sakh. prom. 35 no. 6:63 Je '61.

GLUING
Conveyer press for gluing rubber soles to leather insoles. IA O. Voronisova, L. E Zil'berman Kozh.-obuv. prom 3 no. 3 29-31 Mr '61
Problems pertaining to the technology of gluing metals V. I Rimeikis Dokl TSKhA no. 66:253-260 '61.

GLUTAMAMIDE
Bemegride, antagonist of barbiturates. K. A. Zaitseva. Med. prom. 15 no. 5 47-48 My '61.

GLUTAMIC-PYRUVIC TRANSAMINASE—SPECTRA
Spectral properties of alanine-glutamic transaminase M. M. Torchinskii. Dokl. AN SSSR 138 no 6 1464-1466 Je '61.

GLUTAMINE
Biosynthesis of glutamine in animal tissues [with summary in English] N N. Lestrovaia Biokhimiia 26 no. 3 505-510 My-Je '61.

GLYCEROL
Investigating the interaction between aqueous solutions of phosphoric acid and glycerol by methods of physicochemical analysis. D. P. Belotskii. Izv. vys. ucheb. zav.; khim. i khim. tekh. 4 no. 1:158-160 '61.

GLYCIDIC ACID
Compounds containing a three-membered oxide ring. Part 26: Reaction between aniline and the ethyl ester of β-phenylglycidic acid. V. F. Martynov and others Zhur. ob. khim. 31 no. 6:1806-1811 Je '61.

GLYCINE
Hydrobrominolysis of glycine esters. K. T. Poroshin and others. Izv. AN SSSR. Otd khim. nauk no. 6:1134-1137

GLYCOSIDES

Glucosides in the plants of the genus Elysimum Part 1. Glucosides in Elysimum diffusum V A Maslennikova, F. S Khristulas, N K Abubakirov Zhur ob khim. 31 no 6:2069-2076 Je '61

Thermodynamics of the reaction of polyhydroxy compounds with ammoniated copper hydroxide. Part 1 Reaction of ethylene glycol and α-methylglucoside with ammoniated copper hydroxide in solution. M I. Arkhipov Izv. vys. ucheb zav., khim i khim. tekh. 3 no. 2 352-358 '60

GNEISS see subdivision under Czechoslovakia

GOATS, FOSSIL see subdivision under Crimea

GOBI—ROCKS, IGNEOUS

Cretaceous intrusive occurrences in the eastern Gobi N A Minskii Izv vys ucheb zav , geol i razv 4 no 3 36-43 Mr '61

GOBIES see subdivision under Volga Delta

GOFMAN ISLAND—GEOLOGY, STRATIGRAPHIC

Neogene deposits in the northeastern part of Franz Josef Land. V. D Dibner. Dokl AN SSSR 138 no. 5 1163-1165 Je '61.

GOGOL', NIKOLAI VASIL'EVICH, 1809-1852

The affirmative hero in the idyll "Hans Kuchelgarten" written by N. V. Gogol'. L. A. Beliaeva. Uch. zap. MOPI 82:205-217 '60.

GOITER

(see also subdivision under Chu Valley; Dzhalal-Abad, Issyk-Kul' Valley, Samarkand Province, Talas Valley; Tashkent)

Amount of chromium, manganese, cobalt, and strontium in the soils of the Chu, Talas, and Issyk-Kul' Valleys in relation to the etiology of goiter endemia Preliminary report F T Shalaev Izv AN Kir SSR Ser biol nauk 2 no 6 85-93 '60

Goiter of the root of the tongue. I. F. Gerashchenko. Zhur. ush., nos. i gork. bol. 21 no. 2:76-77 Mr-Ap '61.

Some sanitary and hygienic problems in the organization of endemic goiter control [with summary in English]. I. A. Pal'mova. Gig. i san. 26 no 1.11-15 Ja '61.

GOLD

Electrical transfer of gold in solid gold P P. Kuz'menko, V S Ilyom Ukr fiz. zhur 6 no 1 140-142 Ja-F '61.

GOLD—METALLURGY

Roasting sulfide gold-bearing concentrates in a fluidized bed. L I Kerzhanskii , G S Gubaidullin. TSvet met 34 no. 6,45-50 Je '61

GOLD COMPOUNDS

Temperature dependence of the Hall effect in $MnAu_2$ [with summary in English]. V N Novogrudskii, I G Pakidov Zhur eksp. i teor fiz. 40 no 1 76-78 Ja '61.

GOLD MINES AND MINING

(see also subdivision under Berezovskiy, Sverdlovsk Province)

Classification of fragmentary materials in gold-bearing placers. T. G. Fomenko. Izv. vys. ucheb. zav.; tsvet. met. 4 no. 2:33-38 '61.

GOLD ORES see subdivision under Argun Valley; Chingis-Tau

GOLODNAYA STEPPE—FUNGI, PHYTOPATHOGENIC

Materials on the flora of parasitic fungi in the Golodnaya Steppe. G. Baimuratova. Uzb. biol. zhur no 3:8-15 '61

GOLODNAYA STEPPE—ROAD CONSTRUCTION

Building roads in the virgin territories of the Golodnaya Steppe B A Brodianskii, I M. Risbovol Avt. dor. 24 no 5 5-6 My '61

GORBIACHKIN VALLEY—COAL GEOLOGY

Some recent data on coal resources of middle and upper Carboniferous and Permian deposits in the lower Gorbiachkin Valley. B N Naluteishin, B B Martengof Inform. biul NIIGA no 18 44-47 '60

GOR'KII, MAKSIM, 1868-1936

Across the Terek to meet Gor'kii V. Safonov Sov. kom 43 no 11 18 Je '61

Classic and contemporary Georgii Tovstonogov Teatr 22 no. 6 97-101 Je '61

Correspondence between A. M. Gor'kii and L. A. Sulerzhitskii. A. Tarasevich. Novyi mir 37 no. 6,171-194 Je '61.

A dispiriting symbol ("Gor'kii in the school" Reviewed by O. Lvovskaya) Novyi mir 37 no 6:255-257 Je '61

Gor'kii dreamed about this B Glan Teatr 22 no 6 111-113 Je '61

[Gor'kii in foreign literature] Gor'kii i zarubezhnaia literatura. Moskva, Izd-vo Akad. nauk SSSR, 1961 271 p.

Gor'kii on the stage today P Balatova. Teatr 22 no 6 103-110 Je '61

"His soul embraces all of Russia." B. Bialik. Vop. lit. no. 11:117-143 N '59.

In M Gor'kii's workroom ("How M Gor'kii worked on the play "Dostigaev and others" by V. Novikov. Reviewed by Vl Borshchukov). Vop. lit. 5 no. 6:201-204 Je '61.

Ilinovich, M. [M. Gor'kii as the propagandist of natural sciences] M. M. Gor'kii- propagandist nauki. Izd. 2., dop. Moskva, Sovetskii pisatel', 1961, 173 p.

Lenin, V. I., and A. M. Gor'kii. [Letters, reminiscences, and documents] Pis'ma, vospominaniia, dokumenty. Izd. 2., dop. Moskva, Izd-vo Akad. nauk SSSR, 1961. 176 p.

Monograph of a Ukrainian scholar on Gor'kii ("The works of M Gor'kii and folklore" by N F Matveichuk Reviewed by A Volkov) Nov Ukr 11 no 6 162-164 Je '61

On the pages of Lenin's books, in honor of the 25th anniversary of the death of A. M Gor'kii. G Mendelevich Vop. lit. 5 no 6:85-91 Je '61.

GORKIY—AGRICULTURAL MACHINERY INDUSTRY

Machinery plant helps collective-farm workers. P. Sokolov. Mashinostroitel' no. 6:3 Je '61.

GORKIY—AGRICULTURAL RESEARCH

Training of the creative initiative. E F Kisina Vest vys shkoly 19 no 6 39-40 Je '61

GORKIY—AUTOMOBILE INDUSTRY

Creative plans of society members. I. Storozhko. NTO 3 no. 6,40-42 Je '61.

The Gorkiy Automobile Plant after the wage regulation K Mukhin, M Dragunov Sots trud 6 no 5 105-110 My '61

GORKIY—AUTOMOBILE INDUSTRY—TECHNOLOGICAL INNOVATIONS

Two letters from Gorkiy. Izobr. i rats. no. 7:25 Jl '61.

GORKIY—CARGO HANDLING

Rapid loading and unloading of petroleum bulk cargo in the Gorkiy Harbor. Malyshkin Rech transp. 20 no. 6:32-33 Je '61

GORKIY—COMMUNIST YOUTH LEAGUE—AUDITING AND INSPECTION

To inspect means to aid. A. Ramzaev Komsom. zhizn' no. 23,28-29 D '59.

GORKIY—EDUCATION, COOPERATIVE

Within a working group B A Berdnikov Vest vys shkoly 19 no 6 57-59 Je '61

GORKIY—FLOUR MILLS

Employees of the Gorkiy Flour Mill No. 1 are striving for technical progress V Zubkov. Muk.-elev. prom. 27 no. 5:3-4 My '61

GORKIY—HARBOR

Mechanization of reloading operations in the Gorkiy Harbor I. G. Niurkin, K A Ilinin. Mekh. i avtom. proizv. 15 no. 6 30-33 Je '61

GORKIY—KREMLIN

Born again. S. Agafonov. Vokrug sveta no. 7:32 Jl '61.

GORKIY—MACHINE-TOOL INDUSTRY

Mechanization of the assembly work at the Gorkiy Milling-Machine Plant. A. M. Gorin. Mashinostroitel' no. 6:12-13 Je '61.

GORKIY PROVINCE—FEED MILLS

Operating MUKZ-35 feed mills in Gorkiy Province E Epshtein Muk.-elev prom 27 no 6:20-21 Je '61

GORKIY PROVINCE—REPLACEMENT OF INDUSTRIAL EQUIPMENT

Replacement of industrial equipment in plants of the Gorkiy Economic Council. G. A. Gritskov. Biul. tekh.-ekon. inform. no. 6 77-78 '61.

GORNAYA SHORIYA—IRON MINES AND MINING

Obtaining a constant composition of iron ores in the Gornaya Shoriya deposits P. I. Raiskii Izv vys ucheb. zav.; gor. zhur no 1:47-51 '61

GORODKI (GAME)

Filatov, I. I., and IU. S. Karnaukhov. [Gorodki; a manual for sports groups in physical-culture organizations] Gorodki; uchebnoe posobie dlia sportivnykh sektsii kollektivov fizicheskoi kul'tury. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1960, 144 p.

GRADERS (EARTHMOVING MACHINERY)

New self-propelled graders from the Orlov factory. P. P. Fedorov and others Stroi. i dor. mash. 6 no. 5:1-4 My '61

GRADING AND MARKING (STUDENTS)

Methods of testing and grading students' knowledge in chemistry P. A. Glorlozov Khim v shkole 16 no 2 32-41 Mr-Ap '61.

GRAFTING

Rzhavitin, V. N. [Vegetative hybridization of plants] Vegetativnaia gibridizatsiia rastenii. Saransk, Mordovskoe knizhnoe izd-vo, 1960. 316 p. (Saransk. Mordovskii gosudarstvennyi universitet. Uchenye zapiski, no. 10)

Variations in the accumulation of sugar and anthocyan in grafted first-year and second-year beets. V. T. Podo-Chikalenko. Uch. zap Omsk. gos. ped. inst. no. 12 47-60 '59.

GRAIN

(see also subdivision under Moscow Province; Oktyabr'skiy District; Volga Valley)

Data on the fungi of forage grain T. E Burdelev, V G Zhil'tsov, G I Ezhov Dokl TSKhA no 61 223-229 '61

Distributing branches and farms on grain-cultivating state farms in the Virgin Territory M. Gendel'man Ekon. sel'khoz 32 no 6:54-63 Je '61.

Effect of the air temperature on the length of the period between the sowing and sprouting of grain crops. V P Dmitrenko. Trudy UKrNIGMI no 22 19-31 '61.

We prepared the seed grain well and on time N. Shumskii Muk.-elev. prom. 27 no 5:28-29 My '61

Zhulikov, P. G. [Grain is our wealth] Zerno - nashe bogatstvo. [Moskva] Mosk. rabochii, 1961. 24 p. (Ludi, dela, plany)

GRAIN—CLEANING

Improve the structural features of the rosette in ZK-530 grain cleaners A. Suprunov. Muk.-elev. prom 27 no. 6,24-25 Je '61

Stationary PDP-10 separator for cleaning grain in a continuous operation G. Dudnik Muk.-elev prom 27 no. 6 24 Je '61

Using grain cleaning waste for animal feed. P Chernishev. Muk.-elev prom. 27 no. 6 32-34 Je '61

GRAIN—DISEASES AND PESTS

Grain, the main problem of the All Union Research Institute of Plant Protection. I. M. Poliakov. Zashch. rast. ot vred. i bol. 5 no. 1:38-41 Ja '60.

GRAIN—DRYING

Automatic controller of grain drying. D. G. Segeda Mekh. i avtom. proizv 15 no. 6 46-48 Je '61

Reconstructing grain dryer furnaces and converting them to liquid and gas fuels. M Skorovarov, T. Emmanuel'. Muk.-elev prom 27 no. 6 3-7 Je '61

Results of the competition for the development of outlet mechanisms of grain dryers. O. Vorontsov. Muk.-elev. prom. 27 no. 5 20-23 My '61.

Types of stationary grain dryers in foreign countries G. Bardyshev. Muk.-elev. prom. 27 no. 6 28-31 Je '61.

GRAIN—GRADING

Pneumatic grading table. A. Gorenshtein. Tekh. v sel'khoz. 21 no 6:54-55 Je '61.

GRAIN—HARVESTING

For efficient utilization of machinery in harvesting grain crops. IA. M Zhuk. Zemledelie 23 no. 6:3-12 Je '61.

Harvesting grain at increased speeds. G. Grigorenko. Sel'. mekh. no. 6:7-8 '61.

Organization and the economic effectiveness of harvesting grain crops in separate stages. V. P. Puzyrei. Dokl. TSKhA no. 58:231-240 '60.

Semimounted swath collector. E. Milovanov. Tekh. v sel'khoz. 21 no. 6,65-67 Je '61.

Unit of three reapers. N. Ekimov Sel'. mekh. no. 6: 13-14 '61.

GRAIN—STORAGE

Air-supported grain barn. Na strol. Ros. no. 3:37 D '60.

Mechanical ventilation of grain. V. I. Aniskin. Mekh. i elek. sots. sel'khoz. 19 no 3:60-64 '61.

GRAIN—TRANSPORTATION
(see also subdivision under Ruzh'yevka, Virgin Territory)

Device for determining the amount of grain loaded into railroad cars V. Krivonogov, L. Nikishina Muk.-elev. prom. 27 no. 6 8-9 Je '61

GRAIN ELEVATORS
(see also subdivision under Irkutsk; Omsk Province)

Brief news. Muk.-elev. prom. 27 no. 6 32 Je '61

Brief news Muk.-elev prom 27 no. 6 32 Je '61

Korneev, G. V. [Conveyors and elevators for agricultural use, theory and principles of designing] Transportery i elevatory sel'skokhozyaistvennogo naznacheniia, teoriia i osnovy proektirovaniia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry Mashgiz, 1961. 230 p.

Raise higher the banner of socialist competition in honor of the 22d Congress of the CPSU Muk.-elev prom 27 no 5 1-2 My '61

Shortcomings in the work of the State Institute for Planning Flour and Feed Mills and Grain Elevators K Zabolotskii Muk.-elev prom 27 no 6 25-26 Je '61.

GRAIN ELEVATORS—EQUIPMENT AND SUPPLIES
Dust removal from grain intake equipment when unloading railroad cars S. Chesnokov, R. Kharinin Muk.-elev prom 27 no. 6 9-10 Je '61

GRAIN-HANDLING MACHINERY
"New machinery and equipment for grain storage and processing" Reviewed by N. Grigor'ev Muk.-elev prom 27 no 5;31-32 My '61

Scientific and technical organizations of grain elevators and mills are striving for technical progress. M. Bukshtam, G. Melamud. Muk.-elev. prom. 27 no. 5;19-20 My '61.

GRAIN MILLING
Brief news Muk.-elev. prom. 27 no. 5 3 of cover My '61.

Brief news. Muk.-elev prom 27 no 6 32 Je '61

Fire prevention concerns everybody in an enterprise P. Gorenkov. Muk.-elev prom. 27 no. 6 26-27 Je '61.

Raise higher the banner of socialist competition in honor of the 22d Congress of the CPSU Muk.-elev. prom. 27 no 5 1-2 My '61

GRAIN-MILLING MACHINERY
(see also subdivision under Kostroma)

Scientific and technical organizations of grain elevators and mills are striving for technical progress M. Bukshtam, G. Melamud. Muk.-elev. prom. 27 no 5 19-20 My '61.

GRANARIES
Standard granary for certified seeds V. Nikol'skii Muk.-elev. prom. 27 no 6 10-12 Je '61.

GRANITE
(see also subdivision under Azov Sea region; Musht Valley)

Securing the minimal yield of oversized ore in granite quarries. N. I. Zub. Gor. zhur. no 6:35-37 Je '61.

GRANITE—SPECTRA
Spectral determination of the composition of granites and ilmenite, having a small quantity of the initial material A. A. Turskii, V. V. Khokhlov. Izv. vys. ucheb. zav., geol i razv 4 no. 3.131-134 Mr '61

GRANITIZATION see subdivision under Krivoy Rog Basin

GRANULAR MATERIALS
Controlling the flow of loose materials. B. S. Fialkov. Izv. vys. ucheb. zav., gor. zhur no. 4;29-32 '61

Discontinuous solutions to space problems of the statics of a granular material. T. N. Martynova. PMTF no. 1 140-144 Ja-F '61.

Heat transfer of a granular layer toward a tube wall in the presence of an inner heat source. V. A. Rasiaturin. Izv. vys. ucheb. zav. ;khim. i khim. tekh. 4 no. 1;138-141 '61.

GRAPE CULTURE see Viticulture

GRAPES
Beliakh, M. A. [Stories about grapes] Rasskazy o vinograde. Kishinev, Gos. izd-vo "Kartia moldovenieske," 1960. 154 p.

Role of the trace element zinc in biochemical processes taking place in grapes. O. K. Dobrolubskii. Biokhim. pl. i ovoshch. no. 6;228-251 '61.

GRAPES—DISEASE AND PEST RESISTANCE
Quantitative changes in the protein fractions of phylloxera infested grape roots. V. V. Zotov, T. I. Sokolovskaia. Biokhim. pl. i ovoshch. no. 6;96-99 '61.

GRAPHIC ARTS
"The graphic arts" by A. Goncharov. Reviewed by V. V. Popov. Poligr. proizv. no. 5;31 My '61.

GRAPHITE
Angelovich, M. M. [Carbon electrodes and graphitized products] Uglerodistye elektrody i grafitirovannye izdeliia. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 126 p.

Theory of the effect of radiation on certain properties of graphite V. M. Agranovich, L. P. Semenov. Atom. energ 10 no 6;572-576 Je '61

Volume and structural changes in the regraphitization of steel [with summary in English]. O. O. Baranov, M. I. Prytomanova. Dop. AN URSR no. 4;490-494 '61.

GRAPTOLITES see subdivision under Aktyubinsk Province; Orenburg Province

GRASHCHENKOV, NIKOLAI IVANOVICH, 1901-
Professor Nikolai Ivanovich Grashchenkov, on his 60th birthday Fiziol zhur 47 no 4,526-527 Ap '61

GRASSES
(see also subdivision under Azerbaijan)

Effect of subtillage on perennial grasses V. E. Miroshnichenko. Dokl TSKhA no 60 31-34 '61

Effect of various grasses on the growth and development of legumes in grassland mixtures. A. Ten Dokl. TSKhA no. 59;99-105 '60.

GRASSES—DISEASES AND PESTS
Some little-known pests of farm crops in Eastern Siberia N. G. Dzholova, E. V. Poliakova. Trudy Vost.-Sib. fil AN SSSR no 23 41-43 '60

GRASSES—TOXICOLOGY
Toxic effect of perennial grasses on fruit trees [with summaries in English, German, and French] P. M. Kacharava. Vest. sel'khoz. nauki 6 no 6;105-108 Ja '61

GRAVES see also subdivision 'Mounds' under Choremukhovo (Buryat-Mongolia); Triznovo, Ust'-Tal'kino

GRAVIMETRY
(see also subdivision under Okhotsk, Sea of, Pacific Ocean)

Discussion of P. T. Shokin's textbook "Gravimetry" V. V. Brovar. Izv. vys. ucheb. zav., geod i aerof no 2 151-152 '61.

Working up readings of overdamped gravimeters in measurements made at sea. V. A. Kuzivanov, E. I. Popov. Prikl. geofiz no 29 157-167 '61

GRAVITY
Relationship between the average and the analytical continuation in the upper half-field of gravity anomalies K. V. Gladkii Izv. vys. ucheb. zav., geol i razv. 4 no 5 93-96 My '61

GRAVITY PROSPECTING
Analytical continuation of gravity anomalies downward and estimation of the depth of the disturbing masses O. A. Shvank. Prikl. geofiz. no 29;120-122 '61

Diaptrism and gravity anomalies of oil and gas producing areas. I. O. TSimel'zon. Prikl. geofiz no 29 123-135 '61.

Smoothing out gravity anomalies. N. L. Afanas'ev. Izv. AN SSSR, Ser. geofiz. no. 7;991-1003 Jl '61.

GRAY MULLETS
(see also subdivision under Caspian Sea)

Distribution of eggs of the Pacific mackerel Pneumatophorus japonicus (Houttuyn) and the mullet Mugil so-iuy Basilewsky in Peter the Great Bay. O. A. Zvigina. Trudy Inst. okean. 43;328-336 '61.

GREAT BRITAIN—ANCHORS
Sliding weight for the anchor chain. I. Shustov. Mor. flot 21 no. 1;44-45 Ja '61.

GREAT BRITAIN—CHILDREN'S PLAYS
English children without the theater. E. S. Teatr 22 no. 6,188 Je '61.

GREAT BRITAIN—COLONIES
Tory colonial strategy [with English summary in insert]. V. Kudriavtsev. Az. i Afr. seg. no. 6;12-13 Je '61.

GREAT BRITAIN—COMMERCE—RUSSIA
Soviet-British trade. O. Bogdanov. Mezhdunar. zhizn' 8 no. 7,140-141 Jl '61.

GREAT BRITAIN—DEFENSES
Captives of groundless illusions. K. Zilliacus. Mezhdunar. zhizn' 8 no 7 44-47 Jl '61

GREAT BRITAIN—EDUCATION—PERIODICALS
New English periodical. A. Nusenbaum. Nar. obr. no. 6; 116-119 Je '61.

GREAT BRITAIN—ELECTROPHYSIOLOGY
Activities of electrophysiological laboratories in England; personal impressions. N. P. Bekhtereva Fiziol zhur 47 no. 4;528-531 Ap '61.

GREAT BRITAIN—FERTILIZERS AND MANURES
Use of fertilizers in the agriculture of Great Britain. B. P. Pleshkov. Doklady TSKhA no. 57 139-144 '60.

GREAT BRITAIN—FIREBOATS
New type of fireboats. I. Kravets. Mor. flot 21 no. 1;44 Ja '61.

GREAT BRITAIN—FOREIGN RELATIONS
Karol, Laslo. [Great Britain and the Locarno Conference] Velikobritaniia i Lokarno. Moskva, Izd-vo in-ta mezhdunarodnykh otnoshenii, 1961. 144 p.

GREAT BRITAIN—FOREIGN RELATIONS—ICELAND
End of the "cod war." P. Kushch. Nov. vrem. 19 no. 26;22-23 Je '61.

GREAT BRITAIN—HISTORY
Kemp-Ashraf, P. M. [Role of Africans in the English democratic movement of the early 19th century. Translated from the English. Preface by V. F. Semenov] Afrikantsy v demokraticheskom dvizhenii Anglii nachala XIX veka. Moskva, 1960. 561 p.

GREAT BRITAIN—HOSPITALS
Hospital care in the United States and England A. M. TSyn Zdrav Ros Feder 5 no 6 35-39 Je '61.

GREAT BRITAIN—LABOR AND LABORING CLASSES
In the capitalist world Sov profsoiuzy 17 no 12 38 Je '61

GREAT BRITAIN—NEGROES
Kemp-Ashraf, P. M. [Role of Africans in the English democratic movement of the early 19th century. Translated from the English. Preface by V. F. Semenov] Afrikantsy v demokraticheskom dvizhenii Anglii nachala XIX veka. Moskva, 1960. 561 p.

GREAT BRITAIN—NUCLEAR REACTORS
Heat-producing elements for a fast reactor at Dounreay. Atom. energ 10 no. 6;643-645 Je '61

GREAT BRITAIN—POLITICS AND GOVERNMENT
The truth about the British state ("The British state" [in English] by J. Harvey, K. Hood Reviewed by I. A. M. Bel'son). Vest. LGU 16 no. 11;147-152 '61

GREAT BRITAIN—PRESS
Increasing monopolization of the English press. Allen Hutt Vest. Mosk. un. Ser. 7; Filol., zhur. 16 no 3; 68-72 My-Je '61.

GREAT BRITAIN—RELATIONS (GENERAL) WITH CZECHOSLOVAKIA
Organizing an international friendship W. Morgan Vsem prof. dvizh. no. 5 47-48 My '61

GREAT BRITAIN—RELATIONS (GENERAL) WITH RUSSIA
"Soviet days" in Britain. D. Vol'skii. Nov. vrem. 19 no 30;19-20 Jl '61.

GREAT BRITAIN—SHIP MODELS—TESTING
British investigation of an increase for rough surfaces. [from foreign journals]. L. F. Kozlov Sudostroenie 27 no. 5;57-60 My '61.

GREAT BRITAIN—SHIPS
English-built ships [from foreign journals]. Sudostroenie 27 no. 6,74-75 Je '61.

GREAT BRITAIN—THEATER
Young progressive theater in England. Ossia Trilling. V zashch. mira no. 12;72-77 D '60.

GREAT BRITAIN—TRADE UNIONS
Organizing an international friendship W. Morgan. Vsem prof. dvizh. no. 5 47-48 My '61.

GREAT BRITAIN—VACCINATION
Active immunization and means for its realization in Great Britain [with summary in English]. L. N. Deviatova Zhur. mikrobiol. epid. i immun. 31 no 12 33-37 D '60

GREECE—ANTIQUITIES
A trip across Greece. M. Kobylina. Sov. arkheol 5 no. 2;315-322 '61.

GREECE—LABOR AND LABORING CLASSES
We feel the World Federation of Trade Unions' support. Vasilis Papastafidas. Sov. profsoiuzy 17 no. 12;35-36 Je '61

GREECE—MOTORBUS LINES—EMPLOYEES
We feel the World Federation of Trade Unions' support. Vasilis Papastafidas. Sov. profsoiuzy 17 no. 12 35-36 Je '61

GREENE, GRAHAM, 1904-
Graham Greene's novels. N. Elshiskina. Vop. lit. 5 no. 6; 148-160 Je '61.

GREENHOUSES
Economical hothouses. A. Makarov. Sel'. stroi. 15 no. 4;15 Ap '61.

GREENLAND SEA—SEALS (ANIMALS)
Materials on general morphology of the hooded seal of the Greenland Sea (Cystophora cristata Erxl.) L. A. Popov. Trudy sov. ikht. kom. no 12;180-191 '61

GREENLAND SEA—SUBMARINE TOPOGRAPHY
New exploration of the relief of the Greenland Sea bottom. P. Volkov. Mor. flot 21 no. 3;35-37 Mr '61.

GREISEN see subdivision under Kedabek District

GREMYACH'YE DISTRICT—FALCONS
Feeding of the falcons Falco tinnunculus L. and F. vespertinus L. in the forest-steppe part of the Central Black Earth Region [with summary in English] E. I. Gavrilov, A. N. Zaleskii Zool. zhur. 40 no. 6: 882-887 Je '61.

GRIGNARD REAGENTS
Reactivity of some tertiary chlorides and their derivatives in the Grignard reaction. A. D. Petrov, E. P. Zakharov. Izv. vys. ucheb. zav., khim. i khim. tekh. 3 no. 2, 301-304 '60.

GRINBAUM, FRIDRIKH TOVIEVICH, 1896-1961
In memory of F. T. Grinbaum, obituary. Zhur. mikrobiol. epid. i immun. 32 no. 5 151-152 My '61

GRINDING AND POLISHING
(see also subdivision under Leningrad)
Device for automatic checking of diameters of crankshaft journals subjected to grinding. E. I. Fed'. Izm. tekh. no. 7:7-8 Jl '61.
Diamond grinding of hard-alloy rolls for rolling mills. A. E. Gel'fand. Stan. i instr. 32 no. 7, 28-31 Jl '61.
Grinding drills having Morse No. 1 cone tangs. N. S. Degtiarenko, V. I. Levin. Stan. i instr. 32 no. 6: 29-31 Je '61.
New system of efficient control in honing. I. U. Sh. Zbarskii, A. S. Krasnianskii. Stan. i instr. 32 no. 7, 13-14 Jl '61.
Plastic yield of metals subject to rotary burnishing. N. M. Denshchik. Dokl. TSKhA no. 66 219-231 '61
Precision surface shaping by burnishing. N. A. Karasev. Dokl. TSKhA no. 66: 199-218 '61.
Two-row burnisher. N. M. Denshchik. Dokl. TSKhA no. 66 233-240 '61

GRINDING AND POLISHING—HYGIENIC ASPECTS
Occupational hygienic characteristics in polishing rings for torsion machines [with summary in English]. I. B. Shagan. Trudy LSGMI 61: 118-124 '60.

GRINDING MACHINES
Automatic feed of rings in centerless grinding. D. IA. Ruvinov. Avt. prom. 27 no. 6: 31-35 Je '61.
Device for grinding bearings. A. Kolomenkin. Tyl. i snab. Sov. Voor. Sil. 21 no. 1: 87-88 Ja '61.
Model VSh-214 semiautomatic special centerless grinding machine. Prom. Arm. 4 no. 4: 64-65 Ap '61.

GRINDING MACHINES—ATTACHMENTS
Devices for efficient control of honed holes. E. M. Shapiro. Stan. i instr. 32 no. 6: 39-40 Je '61.
Leningradskii dom nauchno-tekhnicheskoi propagandy. [Universal attachments for profile grinding of dies] Universal'noe prisposoblenie dlia profil'nogo shlifovaniia puansonov. Leningrad, 1952. 9 p. (Informatsionno-tekhnicheskii listok, no. 45(386))

GRINDING MACHINES—TESTING
Investigating the operating stability of centerless grinding machines. V. N. Lymzin. Izv. vys. ucheb. zav., mashinostr. no. 4: 192-198 '61

GRINDING MACHINES—VIBRATION
Forced vibrations in a circular grinding machine caused by the unbalance of the grinding wheel. O. M. Gel'fel'd. Stan. i instr. 32 no. 7: 17-22 Jl '61.

GRINDING WHEELS
Selecting strength criterion for grinding wheels in relation to the requirements of surface quality. G. B. Lur'e. Vest. mash. 41 no. 6: 60-63 Je '61.

ANDARDS
[illegible] Standardization

Theoretical structural theorem of a type resembling Grushko's theorem. M. M. Glukhov. Dokl. AN SSSR 138 no. 5: 994-997 Je '61.

GROUSE
(see also subdivision under Sakhalin)
Variations in the size and body structure of grouse. S. P. Kirpichev. Ornitologiia no. 3: 38-47 '60.

GROWTH
Characteristics of postnatal growth of the gastrointestinal tract in the Soviet Merino, Daghestan mountain sheep, and Gissar sheep. L. V. Daveltova. Trudy Inst. morf. zhiv. no. 35: 158-169 '61.
Development and growth of the skin in Gissar sheep during their first year of life. E. P. Panfilova. Trudy Inst. morf. zhiv. no. 35: 95-109 '61.
Effect of food of varying cobalt content on the composition of the peripheral blood in growing rats [with summary in English]. A. Abrarov. Vop. pit. 20 no. 2: 39-44 Mr-Ap '61.
Effect of lowered dietary manganese on the growth and development of rat offspring [with summary in English]. T. S. Samofal. Vop. pit. 20 no. 2: 44-47 Mr-Ap '61.
Longitudinal growth of the skeleton in Gissar sheep in comparison to skeletal growth in the Soviet Merino during the intrauterine development. N. N. Tret'iakov. Trudy Inst. morf. zhiv. no. 35: 215-257 '61
Postnatal development and growth of the skin in some fine-wool and medium-wool sheep. E. P. Panfilova. Trudy Inst. morf. zhiv. no. 35: 58-94 '61.
Some growth and development characteristics of birds. N. V. Bel'skii. Ornitologiia no. 3: 31-37 '60
Weight growth of the skeleton, muscles, and internal organs during the postnatal ontogenesis of the Soviet Merino and other sheep breeds. S. N. Bogolitskii. Trudy Inst. morf. zhiv. no. 35: 7-57 '61

GUANIDINE
Thermal decomposition of diphenylguanidine and its reaction with sulfur at the vulcanization temperature. B. A. Dogadkin, N. N. Pavlov. Dokl. AN SSSR 138 no. 5: 1111-1114 Je '61

GUIANA, BRITISH see British Guiana

GUIDED MISSILES
Air-to-earth missiles. R. G. Rostov. Vest. Vozd. Fl. no. 3: 88-91 '61.
Rocket guided by a pigeon (from "Pavremena tehnika," no. 4, 1960). Priroda 50 no. 7: 115 Jl '61.
Transportation of "Polaris" rockets. R. Tukov. Tyl i snab. Sov. Voor. Sil. 21 no. 1: 94 Ja '61.

GUINEA—DESCRIPTION AND TRAVEL
Country of plans and achievements. Lotar Kil'mer. Az. i Afr. seg. no. 3: 35-37 Mr '61.
Hello, Africa. A. Gal'perin. Sov. voin. 43 no. 7: 26-28 Ap '61.
In friendly Guinea. N. I. Gavrilov. Priroda 50 no. 7: 73-80 Jl '61

GUINEA—ECONOMIC CONDITIONS
Country of plans and achievements. Lotar Kil'mer. Az. i Afr. seg. no. 3: 35-37 Mr '61.
Five thousand kilometers through Guinea. I. Gerasimov. Nov. vrem. 18 no. 29: 12-14 Jl '61

GUMS AND RESINS
Recovering resinous matter from stump-wood chips with continuously operating worm extractors (D-200), report 2. F. A. Mednikov, E. V. Ushkova, V. I. Ksenofontova. Izv. vys. ucheb. zav., les. zhur. 4 no. 2: 147-152 '61.

GUNSHOT WOUNDS
Foreign bodies of the sciatic nerve in gunshot injuries. [illegible]kh. pat. 23 no. 4: 72-76 '61.

[illegible]L—GEOLOGY
[illegible]il and gas in Guriya. M. F. Dzvenno. 15: 79-93 '59.

[illegible]EOLOGY
[illegible]il and gas in Guriya. M. F. Dzvenno. 15: 79-93 '59.

[illegible]—REFINING
[illegible]e oils at the Gur'yev Petroleum [illegible]ova, N. V. Shergilov. Khim. tekh. 21-25 Jl '61

[illegible]EEDS
[illegible]'yev Province. E. IA. Lastovskii. 17 no. 6: 89-98 Je '61.

[illegible]N—BIRDS—EGGS AND NESTS
In the region of Lake Gusinoye. [illegible]. Rozhkov, L. N. Pshenichnikov. [illegible]AN SSSR no. 23: 89-99 '60.

[illegible]—UNIONIDAE, FOSSIL
[illegible]lonids from the western part of [illegible] Martinson, Khun IU-tsun [Hung] zhur. no. 2: 28-34 '61.

GYMNASTICS
Analysis of the technique of the upward swing on gymnastic apparatus. A. N. Martovskii. Teor. i prak. fiz. kul't. 23 no. 10: 788-791 '60.
Structure of notions of movement and its verbal designation in gymnastics. A. A. Berzin. Probl. psikhol. sporta no. 1: 302-310 '60.

GYMNASTICS—PSYCHOLOGICAL ASPECTS
Some psychological peculiarities in the mastery of exercises on gymnastic apparatus. I. M. Onishchenko. Probl. psikhol. sporta no. 1: 49-54 '60

GYNECOLOGY
Organizational problems in pediatric gynecology. I. G. Stepanov. Akush. i gin. 37 no. 1: 23-25 '61

GYPSUM
Erecting gypsum structures. Sel'. stroi. 16 no. 5: 29 My '61.
Perederii, I. A. [High-strength Perederii's gypsum; its technology and characteristics] Vysokoprochnyi gips GP; ego tekhnologiia i svoistva. Kuibyshev, Kuibyshevskii inzhenerno-stroit. in-t, 1960. 197 p.

GYROCOMPASS
Effect of the moment of external forces on the stability of readings of a gyrocompass having the sensing element centered on the pin. I. B. Zhitomirskii. Izv. vys. ucheb. zav.; prib. 4 no. 3: 59-67 '61.

GYROSCOPE
Bogdanovich, M. M., and P. A. Il'in. [Gyroscopic devices and equipment; theoretical principles] Giroskopicheskie pribory i ustroistva; osnovy teorii. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 359 p.
Comparative properties of some gaseous fillers for gyromotor chambers. A. G. Besseonov. Izv. vys. ucheb. zav. prib. 4 no. 3: 68-74 '61.
Method for eliminating ballistic deviations in a triaxial gyroscopic stabilizer [with summary in English] O. P. Boichuk, M. E. Temchenko. Avtomatyka no. 2: 44-52 '61.
Stability of the motion of gyrostats. V. V. Rumiantsev. Prikl. mat. i mekh. 25 no. 1: 9-16 Ja-F '61.

GYROSCOPIC INSTRUMENTS
Stability of stationary motions of gyroscopic instruments. A. P. Duvakin. Inzh. sbor. 31: 226-230 '61.

HAFNIUM
Zirconium hafnium ratio in zircons from pegmatites of various composition. I. M. Lipova, I. D. Shevoleevskii. Geokhimiia no. 7: 634-636 '61.

HAFNIUM—ANALYSIS
Poluektov, N. S. [Use of radioisotopes in investigations of the analytic chemistry of zirconium and hafnium] Primenenie radioaktivnykh izotopov v issledovaniiakh po analiticheskoi khimii tsirkoniia i gafniia. Moskva, 1955. 17 p. (Doklady, predstavlennye USSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

HAFNIUM—ELECTROMETALLURGY
Investigating the separation of zirconium and hafnium on anionites. G. A. IAgodin, K. V. Orlov. Izv. vys. ucheb. zav.; tsvet. met. 4 no. 2: 92-96 '61.

HALIDES
Bond energy in molecules of halides of group II, and the ionic model. K. S. Krasnov. Izv. vys. ucheb. zav.; khim. i khim. tekh. 4 no. 1: 38-44 '61.
Chromatographic separation of halide ions [with summary in English]. G. L. Starobinets, S. A. Mechkovskii. Zhur. anal. khim. 16 no. 3: 319-322 My-Je '61.

HALL EFFECT
Temperature dependence of the Hall effect in $MnAu_2$ [with summary in English]. V. N. Novogrudskii, I. G. Fakidov. Zhur. eksp. i teor. fiz. 40 no. 1: 76-78 Ja '61.
Using the Hall effect in investigating the properties of ferromagnetic cores. V. S. Andreev, M. E. Mazurov, I. N. Prudnikov. Izm. tekh. no. 7: 36-37 Jl '61.

HALOGENATION
Halogenation of aromatic silanes. Part 8: Preparation and properties of chlorine derivatives of phenylmethyldichlorosilane containing chlorine atoms in the aromatic nucleus. G. V. Motsarev, V. R. Rozenberg. Zhur. ob. khim. 31 no. 6: 2004-2011 Je '61.
Participation of halogen cations in the mechanism of halogenation of organic compounds. E. A. Shilov, F. M. Vainshtein, A. A. IAsnikov. Kin. i kat. 2 no. 2: 214-220 Mr-Ap '61.

HALOGENS
Bromine and iodine content of pond waters in some arid regions. N. V. Veselovskii, I. A. Goncharova. Gidrokhim. mat. 32: 47-63 '61.
Characteristics of interaction between halogens and coals of different types. B. I. Losev, N. S. Vorob'eva, E. A. Zimakova. Khim. i tekh. topl. i masel 6 no. 1: 26-30 Jl '61.

HALOIDITE
Secondary variations in halogen rocks under the conditions of salt dome structures M Diarov, A B Dogalov. Izv AN Kazakh SSR Ser geol no 1 86-88 '61.

HALOPHYTES see subdivision under Khakass Autonomous Province

HAMMERS
Set of hammers. V. B. Sudnishnikov. Izobr. i rats. no. 6: 16 Je '61.

HAND—WOUNDS AND INJURIES
Case of restoration of the vitality of the hand by means of a vascular suture. E. M. Khodiev, A. A. Borzenko. Med. zhur. Uzb. no. 1:72-73 Ja '61.
Injuries to the hand and their treatment. IA. Dubrov. Sel' mekh no 6:45 '61

HANDEL, GEORG FRIEDRICH, 1685-1759
Galatskaia, V. S. [Handel] Gendel'. Moskva, Gos. muzykal'noe izd-vo, 1960. 76 p. (Bibliotechka liubitelia muzyki)

HANDICAPPED CHILDREN
Ten girls rush to meet Z. Khiren Moskva 5 no 5 180, 198, 203, 212, 219, 223-224 '61

HANDICRAFT see subdivision under Bukhara

HANOI—DESCRIPTION
Shchedrov, I. M. [Hanoi] Khanoi. Moskva, Gos. izd-vo geogr. lit-ry, 1961. 76 p.

HANSEN'S DISEASE see Leprosy

HAPPINESS
The category of happiness in Marxist ethics. IU. V. Sogomonov. Izv. AN Azerb. SSR. Ser. obshchestv. nauk no. 3:133-147 '61.

HARBORS
Advantages and ways of organizing cargo transshipment in ports by means of railroad car interchange pools. S. Portnigin. Mor. flot 21 no. 2:4-7 F '61.
Harbor operations have to be on the level with present-day tasks. A. Polikarpov. Mor. flot 21 no. 2: 1-3 F '61.

HARBORS—REGULATIONS
Follow-up of S. Erlikh's article entitled: "Improvement of the legal control of industrial operations in harbors" Mor flot 21 no. 6:47 Je '61
Once more on compulsory regulations in sea harbors. S. Erlikh. Mor flot 21 no 6:12-13 Je '61

HARD FACING
Hard facing of coupling locks by means of a lying lamellar electrode. R. A. Gutman. Svar. proizv. no. 6:36-37 Je '61.
Hard facing of rolls for the crushing of building materials. A. P. Dmitriev. Svar. proizv. no. 6:34-35 Je '61.
Hard facing punch plates on 3000-ton presses. K. N. Kravchenko. Svar. proizv. no. 7:37 Jl '61.
Leningradskii dom nauchno-tekhnicheskoi propagandy. [Electric-arc hard facing with T-590 and T-620 electrodes of parts subject to heavy wear; from practices of hydroelectric and heat power stations] Elektrodugovaia naplavka bystroiznashivaiushchikhsia detalei elektrodami T-590 i T-620; iz opyta GES i TETs. Leningrad, 1952. 11 p. (Informatsionno-tekhnicheskii listok, no. 1(342))
Wear-resistant hard facing of dredger parts by cast iron. I. N. Evteev, A. F. Morozov. Svar. proizv. no. 6:38-39 Je '61.
Welding of hard alloy tips with intermediate layers onto detachable rock drill bits. N. A Klochko, M. V. Makhotkin, E. I. Suslov. Gor zhur. no. 4 33-35 Ap '60.

HARDBOARD
(see also subdivision under Segezha)
Bathrooms made of particle board faced with plastics. M Nemlikher. Na stroi. Ros. no. 4:29-30 Ap '61.
Made of wood waste. V. Panov. Tyl i snab. Sov. Voor. Sil 21 no. 2:91 F '61.

HARDBOARD—CONGRESSES
Conference on the problems of producing and using woodshaving panels. Stroi. mat. 7 no. 5:3 of cover My '61.

HARDNESS—TESTING
Rockwell hardness testing press for crankshaft journals. I. D. Pogorelov, P. I. Zemskov. Metalloved. i term. obr. met. no. 7:57 '61.

HARES
On so-called "leporides" [with summary in English]. V. D. Treus, E. P. Steklenev. Zool. zhur. 40 no. 6: 945-947 Je '61.

HARES—PARASITES see Parasites—Hares

HARMONIC ANALYSIS
Doodson's and Lecolazet's methods for harmonic analysis of tidal observations. V. G. Balenko. Trudy Polt. grav. observ. 9:48-94 '61.
Harmonic analysis of a monthly series of tidal observations. P. S Matveev. Trudy Polt grav. observ. 9 3-47 '61.

HARROWS
Mounted disk harrow. N. M. Sharov. Trakt. i sel'khozmash. 31 no. 7,20 Jl '61.

HARVESTING
(see also subdivision under Sarata District)
An agronomist's advice. I. Pshenichnyi. Agitator no. 13-33 Jl '61.
Let's make due preparations for harvesting; facts and figures. Agitator no. 13,34-36 Jl '61.

HARVESTING MACHINERY
Calculations for a mounted overshot straw and hay stacker. R. S. Galadzhev, V. I. Savin, E. S. Katar'ian. Trakt. i sel'khozmash. 31 no. 7:23-25 Jl '61.
For efficient utilization of machinery in harvesting grain crops. IA M. Zhuk Zemledelie 23 no. 6:3-12 Je '61.
Harvesting machinery. I. S. Churbanov. Trakt. i sel'khozmash. 31 no. 7:27-28 Jl '61.
Improve the PNU-2, 4 loader. V. Stepanov. Tekh. v sel'khoz. 21 no. 6:74 Je '61.

HARVESTING TIME
Effect of variety, planting density, and harvesting time on the yield of corn stalks. V. T Medvedieva. Visnyk sil'hosp. nauky 4 no. 5 50-54 My '61.

HAWKS see subdivision under Oka Valley; Novo-Voznesenkova region

HAWKWEED see subdivision under Ural Mountains

HAY—HARVESTING
Effectiveness of new haymaking machinery. V. Antoshkevich. Tekh. v sel'khoz. 21 no. 6:15-19 Je '61.
GVF-3, 0 rakes for gathering hay into windrows. N. Baisalov. Tekh. v sel'khoz. 21 no. 6:55 Je '61.
The PSSh-0, 3 hay loader and stacker. Biul. tekh.-ekon. inform. no. 5:62-63 '61
SNU-0, 5 hay stacker and loader. S. Shevchenko. Tekh. v sel'khoz. 21 no 6 51-52 Je '61.

HEALTH EDUCATION
Said and done. A. Sakharova. Zdorov'e 7 no. 7:8 Jl '61.

HEALTH RESORTS, WATERING PLACES, ETC.
(see also subdivision under Adler; Nal'chik; also Gelendzhik; Istisu)
Sanatorium and health resort care and our tasks. A. D. Borisov. Med. sestra no. 5:3-6 My '61.

HEARING
Diagnostic value of binaural hearing disorders in supratentorial tumors of the brain. I A. Skliut. Vop. neirokhir. 25 no. 2:34-37 Mr-Ap '61.
Estimation of differential sensitivity and the amount of information transferred in the analysis of auditory signals of different complexity in man. A. A. Sagal. Biofizika 6 no. 3:272-278 '61.
On hearing functions in mold breakers [with summary in English]. G. I. Zuev. Trudy LSGMI 61:97-101 '60.
Perception of the time interval between two short sound impulses. L. A. Chistovich. Akust. zhur. 5 no. 4:480-484 '59.
Relation between the magnitude of masking of short tonal signals and the time interval between masked and masking sounds [with summary in English] I. K. Samoilova. Biofizika 4 no. 5:550-558 '59.

HEART
Babskii, E. B., and L. S. Ul'ianinskii. [Electric stimulation of the heart] Elektricheskaia stimuliatsiia serdtsa. Moskva, Izd-vo Akad. nauk SSSR, 1961. 159 p. (DNLM)
Influence of the sympathetic nerve, adrenaline and noradrenaline on cardiac rest potential. Khuan-Sin-in [Huang-Hsing-ya]. Fiziol. zhur. 47 no. 4:465-471 Ap '61.
Khabarova, A. IA. [Afferent innervation of the heart] Afferentnaia innervatsiia serdtsa. Moskva, Izd-vo Akad. nauk SSSR, 1961. 189 p.
Studies of the effect of certain cardiovascular drugs on the isolated cat heart. N. G. Poliakov. Farm. i toks. 24 no. 2:172-174 Mr-Ap '61.
Zhedenov, V. N. [Lungs and heart in animals and man (in natural and historical development)] Legkie i serdtse zhivotnykh i cheloveka (v estestvenno-istoricheskom razvitii). Izd. 2., perer. i dop. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 477 p.

HEART—ABNORMITIES AND DEFORMITIES
Exercise therapy in heart defects. E. I. IAnkelevich. Med. sestra no. 5:57-59 My '61.
Significance of measuring pressure in the inferior vena cava during its ligation in patients with circulatory insufficiency in cardiac defects. IA. D. Vitebskii, B. P. Vorob'ev. Eksper. khir. 4 no. 6:45 N-D '59.

HEART—DISEASES
Cardiac lesions in leukemia. M. M. Shekhtman. Probl. gemat i perel. krovi 6 no 4:47-51 Ap '61
Case of giant cell idiopathic myocarditis. T. A. Naddachina. Arkh. pat. 23 no 5:68-70 '61
Influence of adrenaline on dyspnea in patients with heart diseases. P. T. Andrenko. Vrach. delo no. 4:11-16 Ap '61.
Pathochemical characteristics of experimental myocarditis [with summary in English]. L. N. Dagaeva. Pat. fiziol. i eksp. terap. 5 no. 3 26-30 My-Je '61.
Prevention and treatment of experimental myocarditis with an infusion of Ziziphora Bunge. F. D Dzhumagalieva. Vest AN Kazakh. SSR 17 no 6 79-88 Je '61
Significance of C-reactive protein in the differential diagnosis of stenocardia and myocardial infarct M. K Kul'matov, U K Vakhabova. Med zhur Uzb no. 5: 57-58 My '61

HEART—INFARCTION
C-reactive protein and fibrinogen in the blood in patients with myocardial infarct [with summary in English]. G. A. Raevskaia. Sov. med. 25 no. 4:16-22 Ap '61.
Characteristics of the action of strophanthin and cymarin in experimental myocardial infarct. V. V. Gatsura. Pat. fiziol. i eksp. terap. 5 no 1.66-67 Ja-F '61.
Effect of special diet and its individual components (proteins and carbohydrates) on myocardial function according to data from electrocardiograms of patients with coronary insufficiency [with summary in English] V. A. Morozova. Vop pit 20 no 3 16-22 My-Je '61
Intravital detection of rupture of the papillary muscle of the heart following myocardial infarct. I. A. Shamov. Vrach. delo no. 4:126-127 Ap '61.
Myocardial infarct in a patient with rheumatic fever. A. B. Zborovskii, V. S. Piskov. Vrach. delo no. 4: 127-130 Ap '61.
Prodromal period in myocardial infarct. N. A. Tolubeeva. Vrach. delo no. 4:3-6 Ap '61.
Use of exercise therapy under conditions of infirmary treatment of myocardial infarct N. A. Krasnova Med sestra no. 5 23-31 My '61.

HEART—MUSCLE
Acetone bodies in the myocardium in aortic stenosis in rabbits [with summary in English]. M. F. Vinlykh, M. G. Lutsenko. Vop. med. khim. 7 no. 2 186-190 Mr-Ap '61.
Anaerobic conversion of carbohydrates in myocardial tissues under normal conditions and in experimental myocarditis [with summary in English]. S. E. Severin, L. A. TSeitlin. Vop. med. khim. 7 no. 2:201-206 Mr-Ap '61.
Histochemical analysis of polysaccharides in myocardial stroma in influenza. F I. Leites. Arkh. pat 23 no 5 46-51 '61.

HEART—RADIOGRAPHY
Roentgenokymographic studies on the functional condition of the heart in mold breakers [with summary in English]. A. I. Kareva Trudy LSGMI 61:85-90 '60.

HEART—SOUNDS
Change in the phonocardiogram of the fetus in asphyxia developing during labor T. V Chervakova Akush i gin. 37 no. 1:35-31 '61.
Significance of phonocardiography for sports medicine. IA. I. Ul'brikh. Teor. i prak. fiz. kul't. 23 no. 5:362-364 '60.

HEART—SURGERY
Current problems in heart surgery. B. V. Petrovskii. Sov. med. 25 no. 4:9-16 Ap '61.
Dry heart surgery; material from the 11th session of the Vishnevskii Institute of Surgery of the Soviet Academy of Medical Sciences. M. N. Arshinova, V. I. Burakovskii Vest. AMN SSSR 15 no. 2 84-89 '60.

HEART—SYPHILIS
Syphilitic lesions of the left auricle and pulmonary artery associated with diffuse aortitis. E. P. Popova. Arkh. pat. 23 no. 4:80-82 '61.

HEART—WOUNDS AND INJURIES
Reactive changes in the heart tissues of fishes due to injuries. A. A. Kolosova. Dokl. AN SSSR 138 no. 6: 1443-1445 Je '61.

HEART FAILURE
Action of strysmine in the treatment of cardiac insufficiency. T. A. Zakharova. Zdravookhranenie 2 no. 4:32-36 Jl-Ag '59.

HEAT—CONDUCTION
Studying the heat conductivity of granules and concentrates. S. G. Bratchikov. Izv. vys. ucheb. zav.; chorn. met. 4 no. 6:157-163 '61.

HEAT—PHYSIOLOGICAL EFFECT
Influence of high external temperature and solar radiation on the excretion of uropepsin. G. F. Korot'ko. Med zhur. Uzb. no. 5 34-36 My '61.
Pulmonary gas exchange in different cow strains under conditions of a hot climate I Z. Akhmetov. Uzb. biol. zhur. no. 3:72-76 '61.

HEAT – PHYSIOLOGICAL EFFECT (Continued)

"Temperature effect" and macromolecular structure of high-polymeric ribonucleic acids of different origin [with summary in English] A S Spirin Biokhimiia 26 no 3:511-522 My-Je '61

HEAT—RADIATION AND ABSORPTION

Drakin, I. I. [Aerodynamic and radiation heat transfer in flight] [Aerodinamicheskii i luchistyi nagrev v polete. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1961. 94 p.

HEAT—TRANSMISSION

Akademiia nauk SSSR. Energeticheskii institut. [Physical gas dynamics and heat exchange] Fizicheskaia gazodinamika i teploobmen. Moskva, 1960. 112 p.

Analysis of heat exchange between castings and the foundry mold during metal solidification. E M Gol'dfarb Izv vys. ucheb zav., chern met. 4 no 6:145-156 '61

Analysis of heat exchange processes in the blast furnace [with summary in English]. B. L. Lazarev, B I Kitaev, IU. G. IAroshenko Stal' 21 no 3:200-206 Mr '61

Approximate method of determining the heat-transfer coefficient during the boiling ofaqueous salt solutions. B. G Popov. Izv. vys. ucheb. zav., khim. i khim tekh. 3 no. 2 375-376 '60

Determination of the coefficient of heat transfer in coincal reactors having a granular solid fluidized bed E N Gel'perin Zhur. VKHO 6 no 3 349-350 '61

Determination of varying external thermal actions by thermal conductivity methods A. G. Temkin Izv vys. ucheb zav., energ. 4 no 5 60-71 My '61.

Determining local values for the coefficients of heat transfer and heat fluxes under conditions of high-intensity heat exchange. A. P. Pershin. Izv vys ucheb. zav., prib. 4 no 3:120-129 '61.

Heat exchange between castings and molds, K. L. Sheptunov, TSvet. met., 34 no. 6 72-76 Je '61.

Heat transfer of a granular layer toward a tube wall in the presence of an inner heat source. V. A. Rastaturin. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 1 138-141 '61.

Imperfect-gas flow in the presence of heat transfer. I. I. Mezhirov. Izv AN SSSR, Otd. tekh. nauk. Mekn. i mashinostr no. 3,184-185 My-Je '61.

Kalnshnikov, N. V., and V. I. Chernikin. [Vibration heating of viscous petroleum products] Vibropodogrev viazkikh nefteproduktov. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 73 p.

Measuring the heat-transfer coefficient under nonstationary conditions. L. S. Kokorev, V. I. Petrovichev. PMTF no. 1:121-124 Ja-F '61.

Model experiments in the water cooling of gases in bubble cup plates. I. N. Kuz'minykh, M. D. Babushkina. Izv. vys. ucheb. zav. Khim. i khim tekh. 3 no. 2:379-385 '60.

HEAT CAPACITY

Equation of state and heat capacity of water in a wide range of thermodynamic parameters. N. M. Kuznetsov. PMTF no. 1 112-120 Ja-F '61.

HEAT CONTENT see Enthalpy

HEAT ENGINEERING see subdivision under Armenia

HEAT ENGINEERING—ELECTRONIC EQUIPMENT

Chistiakov, S. F. [Principles of designing, installing, and operating automatic control and heat-engineering control devices] Osnovy proektirovaniia montazha ekspluatatsii ustroistv teplotekhnicheskogo kontrolia i avtomatiki. Moskva, Gos. energ. izd-vo, 1961. 255 p.

HEAT EXCHANGERS

Efficient designs of heat exchangers. Prom. Arm. 4 no. 4:65-66 Ap '61.

Kalnshnikov, N. V., and V. I. Chernikin. [Vibration heating of viscous petroleum products] Vibropodogrev viazkikh nefteproduktov. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 73 p.

HEAT OF SOLUTION

Thermochemistry of electrolyte solutions. Part 6: Aqueous solutions of $CoCl_2$ at different temperatures K. P. Mishchenko, E. A. Podgornaia. Zhur. ob. khim. 31 no. 6:1742-1754 Je '61.

HEAT OF WETTING

Heat of wetting and the content of permanently bound water in clay rocks [with summary in English]. N. P. Zatenatskaia. Pochvovedenie no. 4:47-55 Ap '61.

HEAT TREATING FURNACES see Furnaces, Heat-treating

HEATING

Industrial units for high-temperature heating by means of high-boiling organic heat-carrying agents. E. G. Kazakov. Biul. tekh.-ekon. inform. no. 6:14-17 '61.

HEATING—CONGRESSES

Conference on the problem of heating homes and public buildings. E. Shpilevskii. Zdrav. Bel. 7 no. 5:68 My '61.

HELICOPTERS

(see also subdivision under Caspian Sea region)

All-terrain vehicles and helicopters in geodesy B. I Govorukhin Geod. i kart. no 5 61 My '61

Beneath the rotor. A. Lutsenko Kryl rod. 12 no 6 23-24 Je '61.

Zakharin, V. A. [Helicopter] Vertolet. Izd. 2., perer. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1961. 112 p.

HELICOPTERS—PILOTING

Helicopter above a boat. G Karapetian Kryl rod 12 no 2 12 F '61

On an unknown field A Gerasimov. Kryl rod 12 no 3 16 Mr '61

On the ground and in the air V Gvozdetskii Kryl rod. 12 no. 6-25 Je '61

HELIOTHERAPY see Sun baths

HELIUM

Critical velocities in superfluid helium V P. Peshkov. Zhur eksp. i teor fiz 40 no. 1 379-381 Ja '61.

HEMATOLOGY

Dispensary and clinic card for a hematological patient. Z. A. Shapiro. Probl. gemat. i perel krovi 6 no. 4. 43-45 Ap '61.

HEMATOLOGY—BIBLIOGRAPHY see Bibliography—Hematology

HEMATOMA

Intravital recognition of subdural hematomas. F. A. Saburenko. Med. zhur. Uzb. no. 1 53-54 Ja '61.

HEMOGLOBIN

The neutral fraction of low-molecular pepsin peptides of horse hemoglobin [with summary in English] V V. Oppel' Biokhimiia 26 no 3 462-467 My-Je '61

HEMOLYSIS AND HEMOLYSINS

Immune reactivity of rabbit producers of hemolysin in repeated immunization [with summary in English] N. O. Sukhova. Zhur mikrobiol epid i immun 32 no 1:133-136 Ja '61

HEMOPHILUS

Repeated production of an antipertussis phage [with summary in English] Z N. Poliakova. Zhur. mikrobiol. epid i immun 32 no. 4:42-46 Ap '61

HEMOPOIETIC SYSTEM

Effect of antithrombocytic serum on hematopoiesis in dogs [with summary in English]. A. M. Namiatysheva. Pat. fiziol. i eksp. terap. 5 no. 1:24-32 Ja-F '61.

Hematopoiesis in children with Werlhof's disease immediately after operation [with summary in English, p 62]. G. I Stepanova. Probl. gemat. i perel. krovi 5 no 1 36-37 Ja '60.

On the hemopoietic factor of the stomach [with summary in English]. M. G. Kekhotelidze, N. A. Fedorov. Pat. fiziol. i eksp. terap. 5 no. 1:15-24 Ja-F '61.

Study of the action of electromagnetic energy of microwaves on hematopoiesis [with summary in English]. N. A. Suvorovskaia. Pat. fiziol. i eksp. terap. 5 no. 1. 38-40 Ja-F '61.

HEMOPOIETIC SYSTEM—DISEASES

Analysis of the clinical observations on treatment of diseases of the hematopoietic system by splenectomy A. N. Filatov, M. E. Depp. Probl. gemat i perel. krovi 5 no. 1:17-21 Ja '60.

Minutes of a meeting of the hematological section of the Moscow Therapeutic Society, February 24, 1959. I V Frinovskaia Probl. gemat. i perel krovi 5 no. 1:59-60 Ja '60.

Pressing problems in the surgical treatment of diseases of the hematopoietic system [with summary in English, p. 61] A. N. Bakulev Probl. gemat. i perel. krovi 5 no 1:3-8 Ja '60.

Surgical treatment of various diseases of the hematopoietic system [with summary in English, p. 62] IA. A. Kampel'makher. Probl. gemat i perel. krovi 5 no. 1 29-34 Ja '60.

HEMORRHAGE

Change in the conditioned reflex activity of dogs resuscitated after clinical death from blood loss in hypothermia [with summary in English]. T. IA. Pavlova. Zhur. vys. nerv. deiat. 11 no. 2:312-317 Mr-Ap '61.

Hemorrhages in tonsillectomy as revealed by materials of the Otorhinolaryngological Section of the Odessa Region Military Hospital [with summary in English]. A. A. Bart. Zhur. ush., nos. i gorl. bol. 20 no. 5: 45-48 S-O '60.

Mechanism of increased blood coagulation in acute hemorrhage in dogs [with summary in English]. V. P. Baluda, N. A. Gorbunova. Pat. fiziol. i eksp. terap. 5 no. 1:46-50 Ja-F '61.

Method of arresting hemorrhage following surgery on the palatal tonsils. E. I. Turovich. Zhur. ush., nos. i gorl. bol. 21 no. 3:64-65 My-Je '61.

Pneumatic tonsil compressor for stopping hemorrhage from the tonsillar niches. S. A. Liberzon, A. L. Markzitser. Zhur. ush., nos. i gorl. bol. 21 no. 1:79-80 Ja-F '61.

Prevention of postpartal hemorrhage complicated by premature separation of the normal placenta Z. S Shumeva Akush. i gin 37 no 1 65-68 '61

Restoration of colloid-osmotic pressure, blood volume and serum proteins following hemorrhage and the administration of polyglucin [with summary in English]. V. B. Kozlner. Pat. fiziol. i eksp. terap. 5 no. 3 54-60 My-Je '61.

Sheehan's syndrome S. B. Rafal'kes. Akush i gin 37 no. 1 83-88 '61.

Thermostability of blood proteins in hemorrhages under experimental conditions. IU. M. Medlevskii. Pat. fiziol i eksp. terap. 5 no. 1:67-68 Ja-F '61.

HEMORRHAGE, UTERINE

Hypo- and afibrogenemia. A P Nikolaev. Ped., akush i gin. 23 no. 1:40-45 '61

Lebedev, A. A. [Dysfunctional uterine hemorrhages] Disfunktsional'nye matochnye krovotecheniia. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 220 p. (DNLM)

Prevention of hemorrhagic collapse in placental and early postnatal hemorrhages by means of intravenous use of novocaine D. IU. Myrovych. Ped., akush i gin. 23 no. 1 47-50 '61

Uterine hemorrhages in the placental and early postnatal periods. M. S. Bakshelev Ped., akush. i gin. 23 no. 1 33-40 '61

HEMORRHAGIC FEVER see subdivision under Khabarovsk; Tula Province

HEMP

Effect of the absolute weight of seeds on the growth, development, and yield of hemp. O. M. Zadorozhnyi Visnyk sil'hosp. nauky 4 no. 5 104-106 My '61

HEMP—FERTILIZERS AND MANURES

Effect of fritted trace elements on hemp yields. V. I Pyl'nyk. Visnyk sil'hosp nauky 4 no 5:105-108 My '61.

HEPATITIS, INFECTIOUS

(see also subdivision under Lugansk; Sakhalin, Uzbekistan)

Active immunization against infectious hepatitis. J. Csapo and others (from "Orvosi Hetilap," 30, 1960) Zdrav Bel 7 no 5 63 My '61.

Analysis of infections within the living quarters in epidemic hepatitis; preliminary communication [with summary in English] V. A Shmuness. Zhur mikrobiol epid i immun 32 no 2:58-61 F '61

Anthelminthic treatment of ascariasis with piperazine phosphate in Botkin's disease, typhoparatyphoid diseases, and dysentery [with summary in English]. IU A. Shamov. Sov. med. 25 no. 5 69-73 My '61.

Characteristics of the course of Botkin's disease in pregnancy and during lactation [with summary in English]. IU. A. Romanov. Sov. med. 25 no. 5:33-37 My '61.

Data on the endocrine function of the ovaries after Botkin's disease [with summary in English]. A. V Naumenko. Sov. med. 25 no. 5:37-41 My '61.

Determination of C-reactive proteins in Botkin's disease [with summary in English]. L. A. Shmerling, P. M Pashinin. Zhur. mikrobiol. epid. i immun. 32 no. 3: 54-60 Mr '61

Diagnostic and prognostic value of serum transaminase and aldolase activity tests in patients with Botkin's disease. T. A Veselovskaia, P. D. Starshov. Sov. med. 25 no. 5:47-52 My '61.

Differential diagnosis of Botkin's disease with the aid of laboratory methods. D. B. Golubev, S. IA. Skir. Sov. med. 25 no. 5:41-46 My '61.

Evaluation of the effectiveness of methionine in the treatment of Botkin's disease [with summary in English]. I. I. Kornikova, A. M. IArtseva. Sov. med. 25 no. 5:63-69 My '61.

Experience with early diagnosis of Botkin's disease practical considerations. [with summary in English] D. B. Golubev. Zhur. mikrobiol. epid. i immun. 31 no. 11:149-153 N '60.

Experimental study of infectious hepatitis in dogs. Report No. 3. Cultivation of the virus and specific reactions [with summary in English] V A. Anan'ev and others. Zhur mikrobiol. epid. i immun. 31 no 3:73-75 Mr '60.

Heterohemagglutination and inhibition of heterohemagglutination in the diagnosis of epidemic hepatitis; abstract. I. L. Bank, F. N. Bobrova Zhur mikrobiol epid. i immun. 32 no. 3:142 Mr '61.

Liver function test at a late period following infectious hepatitis. G. S. Milenkova. Zdrav. Bel 7 no. 5-10-23 My '61.

Modification of the electrical potential of the erythrocytes in epidemic hepatitis [with summary in English]. L. I. Gol'dberg. Vop. virus. 6 no. 2:207-209 Mr-Ap '61.

Problem of "inoculation" hepatitis [with summary in English]. K. S. Azarenik. Sov. med. 25 no 5 60-63 My '61.

Scientific session on the problem of infectious hepatitis (Botkin's disease). E. L. Nazaretian, M. E. Semendiaeva. Sov. med. 25 no. 4:149-154 Ap '61.

Seasonal occurrence of viral hepatitis (Botkin's disease) [with summary in English]. G. P. Stepanov. Zhur. mikrobiol. epid. i immun. 32 no. 2:48-53 F '61

HEPATITIS, INFECTIOUS (Continued)

Some problems in the epidemiology of epidemic hepatitis (Botkin's disease). Report No 1 Annual disease incidence [with summary in English] G. P. Stepanov. Zhur mikrobiol epid. i immun 32 no. 4 112-117 Ap '61

Thromboplastin activity of the blood in Botkin's disease [with summary in English] I B Tsynkalovskii. Vop med. khim 7 no. 2 132-136 Mr-Ap '61.

Use of gamma globulin for preventing infectious hepatitis D. E Zibitsker, A V Kiselev, A E. Gasilovskaia. Zdrav Bel 7 no. 5 17-19 My '61

HEPTANE

Inhibited oxidation of 2, 4, 6-trimethylheptane. A. I. Buchachenko, K. IA. Kaganskaia, M B Neiman Kin. i kat 2 no 2 161-164 Mr-Ap '61

HEPTANEDIOIC ACID

α, ε-diaminopimelic acid, a new natural amino acid. T. T. Berezov, M I Lerman Usp. sovr. biol. 51 no. 3 285-298 My-Je '61.

HEPTENYNEDIOL

Investigation of the conversions of pinacols with substituted acetylene radicals. Report No. 16: Synthesis and conversions of unsym-dimethyl phenyl vinylacetylenyl ethylene glycol (2-methyl-3-phenyl-6-hepten-4-yne-2, 3-diol). A. A. Antonova, E. D. Venus-Danilova. Trudy LTI no. 60:85-91 '60.

HERBICIDES

Distribution and settling of herbicides when used in small volumes. Report No. 2 M IA Berezovskii, E E Khavkin, F N Istratov Doklady TSKhA no 57 163-168 '60

Effect of herbicides on the botanical composition and the yield of floodland meadows of the lower Yenisey. A D Belorussova. Bot. zhur. 46 no. 6 876-880 Je '61.

Efiran-66, a new herbicide. Sh. Mamedov and others. Dokl. AN Azerb. SSR 17 no. 4:331-334 '61

Results obtained from field investigations on the comparative effectiveness of simazine and atrazine in controlling corn weeds. M IA Berezovskii. Doklady TSKhA no. 57:155-161 '60.

Using herbicide mixtures on fiber flax fields F K Vorob'ev, A A. Abueva, N N. Surkov. Dokl. TSKhA no 61 109-115 '61

Using 2M-4X herbicides on flax and oat fields where perennial grasses have been interplanted B. A. Dospekhov. Dokl TSKhA no. 64 117-122 '61.

HERBS

Drying of beet leaves, lucerne, and other herbs at sugar factories. B M Kleiman, M. Z. Khelemskii. Sakh. prom. 35 no. 6, 3-6 Je '61.

HEREDITY

Estimating the effect of radiation on human heredity by taking into account chromosomal diseases. V P. Efroimson Biul. MOIP. Otd. biol. 66 no. 3 150-152 My-Je '61.

HEREDITY OF DISEASE

Biochemistry of the inherited diseases of man V P Efroimson Zhur. VKHO 6 no. 3:305-314 '61.

HERMAPHRODITISM

Uterus in an inguinal hernia in a male. T. M. Kariev. Med. zhur. Uzb. no. 1, 69-70 Ja '61.

HERNIA

Case of large umbilical hernia. A. A. Mirakhmedov. Med. zhur. Uzb. no. 1:71-72 Ja '61.

Hernias of the umbilical cord. V. I. Borodianskii. Vop. okh. mat. i det. 6 no. 4:87 Ap '61.

Uterus in an inguinal hernia in a male. T. M. Kariov. Med. zhur. Uzb. no. 1:69-70 Ja '61.

HEROES

Our heroic fellow countrymen. S. Turushin Sov. voin 43 no 12 41 Je '61.

HERONS see subdivision under Volga Delta

HERRING see subdivision under Baltic Sea; Caspian Sea

HERRING FISHERIES

(see also subdivision under Atlantic Ocean; Pacific Ocean)

Clupeid fishes and their utilization in world fisheries. I. G. Iudanov. Vop. ikht. 1 no. 2:221-230 '61.

Problems in over-all mechanization of the capture and primary processing of ocean herring. A. V. Terent'ev. Trudy VNIRO 39:5-10 '59.

HERTZEN, ALEKSANDR IVANOVICH, 1812-1870

The story of a journey, on the 90th anniversary of the death of A. I. Hertzen. Leonid Khinkulov. Sov. Ukr. 10 no 2:156-168 F '60

HESPERIS

Characteristics of ontogeny of Hesperis matronalis L. I. P. Ignat'eva. Dokl. TSKhA no. 59:161-170 '60.

HETEROCYCLIC COMPOUNDS

Polymerization of some heterocyclic compounds in the presence of the complex organometallic catalyst [with summary in English] A V Topchiev, IU IA Gol'dfarb, B A Krentsel' Vysokom soed 3 no 6 870-876 Je '61

Works by Boris Aleksandrovich Polai-Koshits in the field of aromatic and heterocyclic compounds; on the 50th anniversary of his birth. O. F. Ginzburg. Trudy LTI no. 60:236-248 '60.

HEXADECAHEPTAENEDIOIC ACID

Synthesis and geometric configuration of diethyl esters of 2, 4, 6, 8, 10-dodecapentaene-1, 12-dioic and 2, 4, 6, 8, 10, 12, 14-hexadecaheptaene-1, 16-dioic acids. V F Kuchkrov and others Dokl. AN SSSR 136 no 5 1115-1117 Je '61

HEXANE

Effect of the feed rate on the process of aromatization of n-hexane over an aluminum-chromium catalyst. B A Kazanskii and others Kin. i kat 2 no 2-258-262 Mr-Ap '61

HIDES AND SKINS

Use of lime in the soaking of skins before their coating with hair loosening agents D A Kutsidi Kozh.-obuv. prom 3 no. 3:33 Mr '61

HIGH BLOOD PRESSURE see Hypertension

HIGH MOLECULAR WEIGHT COMPOUNDS see Macromolecular compounds

HIGHER EDUCATION see Education, Higher

HIKING—HYGIENIC ASPECTS

Along tourist paths. T Kopylova. Sov. kras. Ki est. 11 no 3, 30 My-Je '61.

HILBERT SPACE

Structure of subspaces of Hilbert space. V. V Pashenkov Dokl. AN SSSR 138 no. 5, 1016-1019 Je '61

HIPPURIC ACID

Radiometric method for quantitative determination of hippuric acid in urine [with summary in English] A A Shatalova, G I. Meerov Biokhimiia 26 no 3-444-447 My-Je '61

HISTORICAL FICTION

Unnecessary coquetry with historical details. IA. Davidovich, L. Rakov. Vop. lit. no. 11:231-240 N '59.

HISTORICAL MUSEUMS see subdivision under Burgas

HISTORICAL RESEARCH see subdivision under Vietnam, North

HISTORIOGRAPHY

The first "historiographical conference on Wednesday" G. A Alekseeva. Vop ist. no 6 147-150 Je '61.

HISTORY

Brief notes. Vop. ist. no 6:199-200 Je '61.

Skazkin, S. D. [History - a fascinating science] Istoriia - uvlekatel'naia nauka. Moskva, Izd-vo "Znanie" Vses. ob-va po rasprostraneniiu polit. i nauchn. znanii. 1961. 63 p. illus. (Narodnyi universitet)

HISTORY—BIBLIOGRAPHY see Bibliography—History

HODGKIN'S DISEASE

Changes in the protein composition of the blood serum in lymphogranulomatosis in children. M. G. Gradova. Probl gemat. i perel krovi 6 no. 4:37-41 Ap '61.

Disease of the nervous system in the acute form of lymphogranulomatosis. V. K. Brodovskii, N. I. Ratner, N. A. Chartorizhskii. Vrach. delo no. 4:133-135 Ap '61.

Hyaluronidase activity of the blood in leukosis, lymphogranulomatosis, and cancer. V K. Kukhta. Probl. gemat i perel krovi 6 no. 4:33-37 Ap '61.

Urine color sedimentation reaction and the Quick-Pytel test in lymphogranulomatosis. B. I. Rudyk. Vrach. delo no. 4:84-85 Ap '61.

HOISTING MACHINERY

(see also subdivision under Kharkov)

Bucket hoist. Ryb. khoz. 37 no. 4:93-94 '61.

Calculation of equivalent stresses on the parts of a hoisting mechanism. V. A Avakov. Neft. khoz. 39 no. 7:19-24 Jl '61.

Construction hoisting machinery is modernized. A. Kodkin. Stroitel' no. 5, 22-23 My '61.

Container for raising radiators. Stroi. i arkhit. 9 no. 4: 32 Ap '61.

"Electric hoists" by V. B. Umanskii. Reviewed by A. I. Latysh. Gor. zhur. no. 6:77-78 Je '61.

Khrisanov, M. I., and A. S. Krylov. [Installation and adjustment of hoisting and conveying machinery] Montazh i naladka pod"emno-transportnykh mashin. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 236 p.

Problems in the automation of hoisting machines with asychronous drive A E Trop Gor zhur no 4:44-48 Ap '60

Universal crossbeam. IU. Novikov. Stroitel' no. 5:14 My '61.

HOISTING MACHINERY—SAFETY MEASURES

Anticreep systems for cargo hoist structures. A. Lysiakov. Mor. flot 21 no. 1:13-16 Ja '61.

HOLLAND see Netherlands

HOLMIUM—SPECTRA

Studying the lower excited states of Mn^{55} and Ho^{166} by measuring the coincidences of cascade γ-quanta [with summary in English]. A S Melioranskii, I V. Estulin, L F. Kalinkin Zhur. eksp. i teor fiz. 10 no. 1 64-71 Ja '61

HOPS

(see also subdivision under Czechoslovakia)

Embryologic investigation of hops. M. S. Mladentseva. Dokl. TSKhA no. 59:171-177 '60.

HORSE BREEDS see subdivision under Uzbekistan

HOSE

Hose of rubber and fabric N Egorov, P Chernikov. Tyl i snab Sov. Voor. Sil 21 no. 2, 87-89 F '61.

Manufacture of hoses in the Soviet and foreign industry. kauch. i rez 20 no 7 53-54 Jl '61.

HOSPITALS

Landscaping hospital grounds. L. Lysaia. Sel'. stroi. 15 no. 4:25-26 Ap '61.

HOSPITALS—ADMINISTRATION

Simplified method for calculating bed-days. R. B. Akhmedzianov Zdrav Ros. Feder 5 no 6 22-23 Je '61.

HOSPITALS—AIR CONDITIONING

Basic principles of air conditioning for hospital operation rooms. E. E. Karpis, B. S Simonovich, M L Sosin Vod i san tekh no 5 35-38 My '61

HOSPITALS—FINANCE

Method of division of expenditures for maintenance of the dispensary and polyclinic in the consolidated hospital V. P. Lisitsyna. Zdrav. Ros. Feder. 5 no 6 13-20 Je '61

HOSPITALS—OUTPATIENT SERVICES

Dispensary method in public health practice. I. B. Rostotskii Sov zdrav 19 no. 3 11-16 '60.

HOSPITALS—STAFF

Making the work of physicians in urban hospitals and polyclinics more effective. B. M. Matsko, I. B Rostotskii. Zdrav Ros. Feder 5 no. 6 7-12 Je '61.

HOSPITALS, RURAL

Regulating the reception of patients in the polyclinical sections of district hospitals V Ch Brzheskii. Zdrav. Ros. Feder. 5 no. 6 20-22 Je '61.

HOSPITALS, RURAL—CONSTRUCTION

Model plans for enlarging rural hospitals. IU. Gol'dberg. Sel'. stroi. 15 no. 4: insert 1-3 Ap '61.

HOURS OF LABOR

(see also subdivision under France)

After shortening the workday R. Aviev. Sots. trud 5 no. 12:121-127 D '60.

Establishing regulations for working time and rest periods for railroad transportation and subway workers. Biul. Gos. kom. po vop. truda i zar. platy no. 1, 66-72 '61.

Klimov, N. A. [The workday in a society building communism] Rabochii den' v obshchestve, stroiashchem kommunizm. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961, 142 p.

Working time and rest periods for navigation crews of river vessels. Biul Gos kom po vop. truda i zar. platy no. 1, 73-77 '61.

HOUSING see subdivision under Moscow; Paris

HOUSING—LAW AND LEGISLATION

Right to dwelling space in houses owned by governmental agencies. Izv vys. ucheb. zav., prav. 4 no. 1:183-185 '60.

HOUSING, RURAL

Factories for large-panel housing construction on collective and state farms. V. A. Girskii, N. N. Davydov. Bet. i zhel.-bet. no. 4:147-151 Ap '61.

HOUSING MANAGEMENT

(see also subdivision under Leningrad; Moscow; Ryazan; Tula)

Operation of the housing administration office. M. A. Reznikov. Gor. khoz. Mosk. 35 no. 5:33-34 My '61.

HUCKLEBERRIES

Bilberry (Vaccinium myrtillus). M. A. Voskanov. Zdorov'e 7 no. 7:31 Jl '61.

HULLS (NAVAL ARCHITECTURE)

Efficiency of ship hull structures. A D Kovtun. Sudostroenie 27 no. 5,49-50 My '61

Terent'ev, G. B. [Seagoing wooden vessels] Morskie derevlannye suda. Pod red. N. K. Formidontova. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961, 244 p.

HULLS (NAVAL ARCHITECTURE)—CORROSION

Automatic control of the cathodic protection of ships V. Mlachin Mor. flot 21 no 6'23-24 Je '61

HUMANISTIC ETHICS

Socialist humanitarianism and religious "love for mankind." M D. Toykach Voiov ateist no. 2,8-10 F '61

HUMANITY

Trust. I. Kozlova. Agitator no. 7'38-40 Ap '61.

HUMIC ACID—ELECTRIC PROPERTIES

Substances in coal, on the one hand, and rare and trace elements, on the other hand. Prepor 2 Conductance measurements of humic acids in various states as regards germanium, yttrium, scandium, etc L. V. Petrovskaia. Nauch. trudy MGI no. 27 35-46 '59

HUMUS

Accumulation of organic matter in turf-Podzolic soils under different field crops. G. A. Stepanova. Dokl TSKhA no 63 55-63 '61.

Brown products of the vital activity of Actinomyces albidue as possible sources of humic substances. E. Z Tepper, N. A Sandrak Doklady TSKhA no. 57 183-191 '60

Characteristics of organic matter in virgin turf-gley soils N N Nikol'skii, L. L. Shishov. Dokl TSKhA no 63 127-133 '61.

How the humus content of soils affects the assimilation of cobalt by plants [with summary in English]. N. V. Kulikov. Pochvovedenie no. 4:78-81 Ap '61.

HUNGARIAN NEWSPAPERS

"Heti'oi Hirek" is published Mondays. Pal Gombo. Sov. pech. no. 7 58-59 Jl '61.

HUNGARY—AGRICULTURAL WAGES

Organization of wages and bonuses for managerial workers and agricultural specialists on state farms of the Hungarian People's Republic. K. Gorfan. Biul. nauch. inform. trud i zar. plata 4 no. 6,66-69 '61.

HUNGARY—BIBLIOGRAPHY

[New literature on European people's democracies: Hungary.] Nov. lit. po evrop. stran. nar. dem. Veng. nos. 4-5 '61.

HUNGARY—COST AND STANDARD OF LIVING

Improving workers' standard of living in the Hungarian People's Republic K Gorfan Biul. nauch. inform trud i zar plata 4 no 4 50-52 '61.

HUNGARY—ECONOMIC CONDITIONS

For the happiness of workers; on the 16th anniversary of the liberation of Hungary from fascism. Istvan Darvasi. Agitator no. 7:24-26 Ap '61.

HUNGARY—GEOLOGICAL RESEARCH

Hungarian Geological Institute. N. A. Beliaevskii Sov. geol 4 no. 5 153-155 My '61.

HUNGARY—INTELLECTUAL LIFE

Valeria Benke on the position of the Hungarian intelligentsia; an interview. Nov. vrem. 19 no. 30:10-11 Jl '61.

HUNGARY—LAW—PERIODICALS

New Hungarian legal periodical. Izv. vys. ucheb. zav.; prav. 4 no. 1 171 '60.

HUNGARY—MICROBIOLOGY

Some investigations in the field of microbiology carried out in Hungary. S. V. Goriunova, L. K. Ozniteskaia. Mikrobiologiia 30 no. 2:374-376 Mr-Ap '61.

HUNGARY—POLITICS AND GOVERNMENT

Barabashev, G. V. [The governmental system of the Hungarian People's Republic] Gosudarstvennyi stroi Vengerskoi Narodnoi Respubliki. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 91 p. (Gosudarstvennyi stroi stran mira)

Public control in the Hungarian People's Republic [with summary in English]. D. Antalffi Vest. LGU 16 no. 11:126-128 '61.

HUNGARY—PSYCHOLOGY—PERIODICALS

"Hungarian Psychological Review." L. V. Bertsfai. Vop. psikhol. 7 no. 2-176-180 '61.

HUNGARY—RED CROSS

Hungarian Red Cross. L. S. Bogolepova. Sov. kras. krest. 11 no. 3:28-29 My-Je '61.

HUNGARY—RELATIONS (GENERAL) WITH RUSSIAN

Pedagogical life of the capital. Nar. obr. no. 7:125-126 Jl '61.

HUNGARY—SUGAR MACHINERY

Hungarian "J" diffusion apparatus. S. I. Gerasimov, V. A. Seliatitskii. Sakh. prom. 35 no. 6'64-71 Je '61.

HUNGER

Histochemical investigation (ultraviolet microscopy) of the cells of the auditory and spatial analyzers during nutrition disturbances [with summary in English]. IA. L. Gotlib. Zhur. ush., nos. i gorl. bol. 20 no. 4: 36-39 Jl-Ag '60.

HUNS

Excavating a Hun burial mound in the Cheremukhovo ravine. N N. Mamonova, R F Tugutov Arkheol sbor. 1:74-79 '59.

HUNTING see subdivision under Chukchi Sea region

HYALURONIDASES

Change in the activity of the hyaluronidase in the blood of patients with chronic myelosis. I. Z. Gorelov. Vrach. delo no. 4:78-81 Ap '61.

Data for the study of biological properties of streptococcal hyaluronidase. Report No 1 Effect of streptococcal hyaluronidase on the processes of the absorption of various antigens [with summary in English]. V. IA Fel'. Zhur mikrobiol epid i immun. 32 no. 4 61-68 Ap '61

Data on the serological nature of rheumatic fever in children. Report No. 1: Serum antihyaluronidase in children with rheumatic fever [with summary in English] V. IA. Fel'. Zhur mikrobiol epid. i immun. 31 no. 11;132-136 N '60

Diagnostic significance of certain immune reactions in rheumatic fever [with summary in English]. I. M. Lampert and others. Zhur. mikrobiol epid. i immun. 32 no. 3;35-43 Mr '61.

Histochemical study of changes in the connective tissue of the skin in patients with scleroderma treated with lydase [with summary in French]. V A Rakhmanov, R Kh. Khmel'nitskii. Sbor nauch. rab po lepr. i derm no 13;103-110 '59

Hyaluronidase activity of the blood in leukosis, lymphogranulomatosis, and cancer. V. K. Kukhta. Probl. gemat. i perel. krovi 6 no. 4:33-37 Ap '61.

HYBRIDIZATION

On so-called "leporides" [with summary in English]. V. D. Treus, E. P. Steklenev Zool. zhur. 40 no. 6: 945-947 Je '61.

HYBRIDIZATION, VEGETABLE

First generation hybrids. V. E. Kozubenko Nauka i zhizn' 28 no 5;23-26 My '61

HYDATIDS

(see also subdivision under Frunze; Kirghizistan)

Terminology and classification of echinococcosis. IU. A. Volokh Izv. AN Kir SSR. Ser biol nauk 2 no. 6-49-52 '60

HYDRATES

Crystal hydrates of ammonium fluoride. A. G Treshchov. Dokl TSKhA no. 64'189-194 '61

HYDRATION

Direction of the hydration of asymmetric disubstituted acetylenes. B. S. Kupin and others. Trudy LTI no. 60: 62-69 '60.

Investigation in the field of conjugate systems. Report No. 124: Direction of the hydration of isobutenylacetylene (4-methyl-3-penten-1-yne). B. S. Kupin, A. A. Petrov. Trudy LTI no. 60:70-74 '60.

HYDRAULIC BRAKES

Designing and testing hydraulic buffers. G. N. Bobrovnikov, V. I. Boltsov. Izv. vys. ucheb. zav.; mashinostr. no. 4:61-70 '61.

HYDRAULIC CONTROL

Conditions for the optimum operation of a balanced double T-type bridge in the electrohydraulic speed regulating device of a hydraulic turbine. A. V. Sakhmanov, V. V. Semenov, E. F. Stepura. Sbor. rab. po vop. elektromekh. no. 5 95-98 '61.

Hydraulic control of the stopper assembly on ladles. I A. Livenets. Metallurg 6 no. 7;13-17 Jl '61.

Problem of using high liquid pressures in automatic systems T M. Hashta. Avtomatyka no. 2 90-93 '61.

HYDRAULIC CONVEYING

Dispatching of intershop conveying of liquid products at petroleum refineries. I. V. Morel', O. L. Paskovatyi. Mekh. i avtom. proizv. 15 no. 6,8-10 Je '61

HYDRAULIC ENGINEERING

(see also subdivision under Latvia)

From the foreign periodical press. Gidr. stroi. 31 no. 6:64 Je '61.

From the history of Soviet hydraulic construction. A. A. Murav'ev. Gidr. stroi. 31 no. 6:58 Je '61.

From the pages of foreign magazines. Gidr. stroi 31 no. 5:53-62 My '61.

From the pages of foreign magazines Gidr. stroi. 31 no 6:49-57 Je '61.

Stream current speed damper S G. Markov Les prom 39 no. 6:20-21 Je '61.

HYDRAULIC ENGINEERING—BIBLIOGRAPHY see Bibliography—Hydraulic engineering

HYDRAULIC ENGINEERING—DICTIONARIES

Ibraimov, S. [Dictionary and hydraulic engineering and land improvement terminology] Slovar' terminov po gidrotekhnike i melioratsii, proekt. Frunze, Izd-vo AN Kirgizskoi SSR, 1960. 124 p.

HYDRAULIC ENGINEERING—EQUIPMENT AND SUPPLIES

New waterproof polymeric materials of high durability M V. Shavlovich. Gidr i mel 13 no 6'47-50 Je '61

Test results of soil-compacting machinery. V V Zheretsov, IA D. Zaidman. Gidr i mel. 13 no 6'42-45 Je '61.

HYDRAULIC ENGINEERING—RESEARCH—CONGRESSES

Conference on measuring methods and instruments for hydraulic research. Gidr stroi 31 no. 6,59 Je '61.

HYDRAULIC JACKS

Hydraulic jack with variable-speed piston motion. I. A Volkov Stroi i dor mash 6 no 5'31-34 My '61

HYDRAULIC MACHINERY

[Hydraulic device for servicing railroad tracks; design, operation, and repair] Gidravlicheskii putevoi instrument; ustroistvo, ekspluatatsiia i remont. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 79 p. (Biblioteka puteitanmekhanizatora)

Statics of a two-cascade hydraulic amplifier with nozzle-gates and valves. I M Krassov, L. I Radovskii, B. G Turbin. Vest. Mash 41 no 6'17-23 Je '61.

HYDRAULIC METALLURGY

New hydra- and electrometallurgical flowsheet for obtaining high purity zinc O A. Khan, E. I Urubkova, V. A Shestakova. Trudy Alt GMNII AN Kazakh. SSR 9 173-180 '60.

HYDRAULIC MINING

(see also subdivision under Donets Basin)

Computing the capacity of emergency pulp collectors of a block in a hydraulic mine. G. A. Strekachinskii, A. T. Gorbachev, M IA Salmin. Izv Sib. otd. AN SSSR no 6; 127-130 '61.

Drilling holes with flushing. P. N. IUdin, IU. A. Kovalev Bezop. truda v prom 5 no 6,25 Je '61.

Over-all automation of hydraulic coal mining. V. B. Ginzburg, M N. Zaritskii. Biul. tekh. -ekon. inform. no. 6:8-14 '61.

Surface of hydraulic mines can be simple. S. A. Virabov. Shakht. stroi. 5 no 5 9-11 My '61.

HYDRAULIC MODELS

Carrousel-type hydraulic duct. B. V. Voitsekhovskii, A. A. Koval'. PMTF no. 2:137-139 Jl-Ag '60.

Levi, I. I. [Model studies of hydraulic phenomena] Modelirovanie gidravlicheskikh iavlenii. Moskva, Gos. energ. izd-vo, 1960. 210 p.

HYDRAULIC PRESSES

Combined hydraulic press system. P. D. Mokhov, I. F. Kaplenkov, S. F. Margolin. Kuz. -shtam. proizv. 3 no. 3:35-36 Mr '61.

Equipment for the control of strain in the parts of a hydraulic press and calculation of the amount of its loading. V. P. Lints and others. Kuz. -shtam. proizv. 3 no. 7:29-32 Jl '61.

Present state and future development of heavy hydraulic press equipment. B. V. Rozanov. Vest. mash. 41 no. 7:54-58 Jl '61.

Present trends in the development of the manufacture of hydraulic presses in the U. S. S. R. N. S Dobrinskii Vest. mash. 41 no. 6'42-46 Je '61.

The P984 and B-101 hydraulic presses with a 1, 500-ton capacity. A. L. Aizenshtok. Biul. tekh. -ekon. inform. no. 6:25-27 '61.

HYDRAULIC PRESSES—MAINTENANCE AND REPAIR

Automatic correction of the warping of hydraulic forging press traverses. B. V. Rozanov, V. P Lints. Kuz. -shtam. proizv. 3 no. 6'38-43 Je '61.

HYDRAULIC PRESSES—TESTING

Investigating the rigidity and strength of the P474 hydraulic press housing. L. G. Nudel'man. Kuz. -shtam. proizv. 3 no. 7:20-25 Jl '61.

HYDRAULIC STRUCTURES

Architecture of hydraulic structures. Na stroi. Ros. no. 3:9-10 D '60.

Burdzgla, N. L. [Static design of hydraulic engineering tunnels] Statisticheskii raschet gidrotekhnicheskikh tunnelei. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 194 p.

HYDRAULIC STRUCTURES (Continued)

Counteracting the corrosion of metal elements and mechanical equipment of hydraulic structures. R. P. Nosov. Gidr. stroi. 31 no. 5:32-36 My '61

Nichiporovich, A. A., V. S. Istomina, and V. I. Titova. [Instructions for planning the underground contour of hydraulic structures not on rock foundations and subject to water pressure] Ukazaniia po proektirovaniiu podzemnogo kontura vodopodpornykh sooruzhenii na neskal'nykh osnovaniiakh. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 98 p. (Gidravlicheskie sooruzheniia)

Volunteer designing bureaus of the Azov - Black Sea Basin. E. Tkachenko. Mor. flot 21 no. 3.38-39 Mr '61.

Zamarin, E. A. [Designing hydraulic structures] Proektirovanie gidrotekhnicheskikh sooruzhenii. Izd. 5. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 227 p. (Uchebniki i uchebnye posobiia dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii)

HYDRAULIC STRUCTURES—VIBRATION

Vibrations of a concrete structure on a rock base under the action of explosive loads. A. A. Deribas and others. PMTF no. 2 110-113 Jl-Ag '60.

HYDRAULIC TURBINES

Conditions for the optimum operation of a balanced double T-type bridge in the electrohydraulic speed regulating device of a hydraulic turbine. A. V. Sakhmanov, V. V. Semenov, E. F. Stepura. Sbor. rab. po vop. elektromekh. no. 5.85-98 '61.

HYDRAULICS

Akademiia budivnytstva i arkhitekturv URSR. Institut

of

provodov, sbornik statei. Pod red. A. A. Uginchusa. Kiev, Gos. izd-vo lit-ry po stroit., i arkhit. USSR, 1961. 122 p.

Initial pressure head gradient in the seepage of water through concrete. S. A. Roza. Gidr. stroi. 31 no. 6 40-41 Je '61.

Nature of the movement of water masses near the dam in Tsimlyansk, Gorkiy, Kuybyshev, and Stalingrad Reservoirs. A. A. Zenin, V. I. Rogozhkin, N. G. Fesenko. Gidrokhim. mat. 32:113-121 '61.

Study of secondary currents in the afterbays of hydraulic structures. D. F. Zhukov, S. I. Korol'. Trudy Inst. energ. AN BSSR no. 12:241-249 '60.

Unsteady flow of water in open channels. E. P. Kovalenko. Trudy Inst. energ. AN BSSR no. 12:3-219 '60.

HYDRAZONE

Use of some nitrophenyl osazones and hydrazones for determining free sodium hydroxide by direct titration. N. V. Chugreeva. Izv. vys. ucheb. zav.; khim. i khim. tekh. 4 no. 1:16-19 '61.

HYDRAZYL

Hyperfine interaction in the diphenylpicrylhydrazyl molecule [with summary in English]. Iu. S. Karimov, I. F. Shchegolev. Zhur. eksp. i teor. fiz. 40 no. 1.3-9 Ja '61.

HYDROBIOLOGY

State and prospects for the development of methods of fluorescence analysis in hydrobiology. S. V. Gorlunova, G. N. Rzhanova. Usp. sovr. biol. 51 no. 3:369-378 My-Je '61.

HYDROCARBONS

Analysis of light hydrocarbons by means of molecular sieves. M. S. Vigdergaus, K. A. Golbert, O. L. Gorshunov. Khim. i tekh. topl. i masel 6 no. 7:62-63 Jl '61

Character of the sulfur distribution in the high molecular weight hydrocarbon fraction of Romashkino crudes. S. R. Sergienko, I. A. Nozhkina, L. S. Maiorov. Khim. sera i azotorg. soed. v neft. i nefteprod. 3:173-182 '60.

Compressibility of hydrocarbon gases as a function of the weight, pressure, and temperature of the system. M. N. Alizade. Dokl. AN Azerb. SSR 17 no. 5:381-386 '61.

Conjugated systems. Part 139: Hydrogenation of onyne silicon hydrocarbons. M. D. Stadnichuk, A. A. Petrov. Zhur. ob. khim. 31 no. 6:1855-1861 Je '61.

Effect of the refining method on the hydrocarbon composition of fractions containing organic sulfur compounds. V. G. Nikolaeva, E. V. Zvereva. Khim. sera i azotorg. soed. v neft. i nefteprod 3:397-405 '60.

Effect of the structure of alkyl aromatic hydrocarbons on the kinetics of their dehydrogenation. O. K. Bogdanova, A. A. Balandin, I. P. Belomestnykh. Dokl. AN SSSR 138 no. 5:1089-1092 Je '61.

Equilibrium of the liquid - vapor system for a mixture of isoprene with hydrocarbons of the fraction C_5. A. F. Frolov, V. N. Korotkova. Khim. prom. no. 6:376-378 Je '61.

Fluorinated hydrocarbons as substances for inhalation anesthesia. R. A. Al'tshuler. Med. prom. 15 no. 6: 37-38 My '61.

Homogeneous pyrolysis of a raw hydrocarbon stock to ethylene and acetylene. V. I. Maiorov and others. Khim. prom no. 6:379-380 Je '61.

Karapet'iants, M. Kh., and Ch'eng Kuang-yüeh. [Boiling point and pressure of hydrocarbon saturated vapors] Temperatura kipeniia i davlenie nasyshchennogo para uglevodorodov. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 241 p.

Mechanism of coal formation during the decomposition of methane, ethane, ethylene, and acetylene on silica gel. A. P. Rudenko, A. A. Balandin, M. M. Zaholoinaia. Izv. AN SSSR. Otd. khim. nauk no. 6 989-995 Je '61.

Oxidation of hydrocarbons in the presence of inhibitors [with summary in English]. D. Ryasavy. Vysokom. soed 3 no. 3 464-469 Mr '61.

Radiation-induced and thermal cracking of liquid hydrocarbons. A. M. Brodskii, K. P. Lavrovskii, V. B. Titov. Dokl. AN SSSR 138 no. 5 1143-1146 Je '61

Removal of sulfur compounds from hydrocarbon gases. E. G. Rozantsev, I. I. Berger. Khim. prom. no. 5:339-340 My '61.

Selection of adsorbents for the chromatographic separation of concentrates of sulfur compounds and aromatic hydrocarbons. G. D. Gal'pern, V. N. Kamicheva, A. S. Nekrasov. Khim. sera i azotorg. soed. v neft. i nefteprod. 3.210-226 '60.

Separation of concentrates of sulfur compounds and aromatic hydrocarbons by selective oxidation and chromatography, following the example of the 175-300° fraction of Romashkino oils. E. N. Karaulova, G. D. Gal'pern. Khim. sera i azotorg. soed. v neft i nefteprod 3:227-239 '60.

HYDROCARBONS—ELECTRIC PROPERTIES

Investigation of electrokinetic phenomena in plastic hydrocarbon systems [with summary in English]. Iu. F. Deineha, O. M. Vovnenko. Dop. AN URSR no. 6:760-771 '61.

HYDROCELLULOSE

Cross-linking of hydrocellulose fibers with sulfur monochloride [with summary in English]. B. I. Alkhodzhaeva and others. Vysokom. soed. 3 no. 6:806-810 Je '61

HYDROCHLORIC ACID

Conductometric investigation of the reaction of some nitriles with hydrogen chloride. E. N. Zil'berman, T. S. Ivcher, E. M. Perepletchikova. Zhur. ob. khim. 31 no. 6:2037-2039 Je '61.

HYDRODYNAMICS

Approximate equations of the bound vibrations of water and a ship in the chambers of transporting ship elevators and sluices. O. F. Vasil'ev. Dokl. AN SSSR 138 no. 6:1309-1312 Je '61

Approximate solution to the problem of the flow of a heavy ideal incompressible liquid emerging from under a shield. M. I. Gurevich, G. N. Pykhteev. PMTF no. 2:3-14 Jl-Ag '60.

Compression of a spherical gas cavity by a shock wave in water. V. K. Kedrinskii, R. I. Soloukhin. PMTF no. 1:27-29 Ja-F '61.

Effect of the pressure gradient in a stream on the growth of the cavitation zone. K. K. Shal'nev. PMTF no. 1:106-108 Ja-F '61.

General representation of axially symmetric fields. I. I. Daniliuk. PMTF no. 2:22-23 Jl-Ag '60.

Generalized graph of characteristic curvilinear currents in an open prismatic channel [with summary in English]. V. V. Smyslov. Dop. AN URSR no. 6:717-721 '61.

Interaction of a vibrator and a bounded liquid medium. I. A. Kunin, V. F. Khon. PMTF no. 2:144-146 Jl-Ag '60.

Investigating hydraulic impact losses and impact coefficients in blade systems of hydraulic torque converters. N. K. Nagornaia. Vest. mash 41 no. 6:23-27 Je '61.

Irregular reflection of a plane shock wave from a free surface in water. O. A. Berezin, A. A. Grib. PMTF no. 2:34-39 Jl-Ag '60.

New method for calculating flow in prismatic beds. K. I. Dalmatov. Izv. AN Uz. SSR Ser. tekh nauk no. 3: 38-44 '61

Plane-parallel flow of a compressible fluid following a solid. V. N. Arkhipov. Prikl. mat. i mekh. 25 no. 1: 138-139 Ja-F '61.

Present state of the hydraulic theory of nonstationary flows according to research in the U. S. S. R. Izv. AN SSSR. Otd. tekh. nauk. Mekhanika i mashinostr. no. 3.207-216 My-Je '61.

Solving a plane irrotational problem of hydrodynamics for doubly connected regions. N. V. Kurdiumova. Prikl. mat. i mekh. 25 no. 1:145-147 Ja-F '61.

Steady slowly changing movement of water in open channels. Ch. Shmoll. Gidr. stroi. 31 no. 6: 33-36 Je '61.

HYDROELECTRIC POWER STATIONS

(see also subdivision under Bulgaria; Truyere River, France; also Krasnoyarsk Hydroelectric Power Station; Nurek Hydroelectric Power Station; Volga Hydroelectric Power Station)

Dnieper interdistrict construction industry base of the Ministry of Construction of Electric Power Stations. S. F. Sukhotskii, A. Kh. Lagunov. Gidr. stroi. 31 no. 6: 8-13 Je '61.

Erroneous opposition. A. Borovoi, A. Beschinskii, B. Erlikhman. NTO 3 no. 6:52-58 Je '61.

Geomorphological studies in connection with the planning of the Lower Kama hydroelectric power stations. N. V. Rinkkov. Vop geog. no. 52 77-81 '61

Lashkov, A. S., and N. P. Polushkin. [Results obtained from testing hydraulic units of hydroelectric power stations in dams] Nekotorye rezul'taty ispytanii gidroagregatov pripiotinnykh gidroelektrostantsii. Moskva, Orgenergostroi, 1959. 58 p.

Socialist obligations of water power construction workers. Gidr. stroi. 31 no. 6 1-2 Je '61

Some engineering and geological research problems in the building of hydroelectric plants in rocky ground areas. P. V. TSarev. Izv. vys. ucheb. zav., geol. i razv. 2 no. 12 128-133 '59.

Standardization of rural hydroelectric power stations. L. N. Solntsev. Mekh i elek sots sel'khoz 19 no 3 52-54 '61

Study of the causes of vibration in the engine building of a hydroelectric power station. P. A. Gutidze. Gidr. stroi. 31 no. 5:7-11 My '61.

Zakhidov, A. Z. [Pumped storage electric power plants in seasonal operation] Nasosno-akkumuliruiushchie elektrostantsii sezonnogo tsikla. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, 1959. 76 p.

HYDROELECTRIC POWER STATIONS—DESIGN AND CONSTRUCTION

Loftiakii, V. N. [Winter earthwork in building structures to provide hydroelectric power] Zimnie zemlianye raboty v gidroenergeticheskom stroitel'stve. Moskva, Gos. energ. izd-vo, 1961. 171 p.

HYDROFLUORIC ACID

Corrosion of copper and its alloys in hydrofluoric acid. E. I. Antonovskaia, Iu. N. Vil'k. Khim. prom. no 6: 431-432 Je '61.

HYDROGEN

Electron paramagnetic resonance detection of hydrogen atoms in a flame of carbon monoxide and oxygen with molecular hydrogen additions. V. V. Azatian, V. N. Panfilov, A. B. Nalbandian. Kin i kat 2 no. 2:295 Mr-Ap '61

Long-duration strength of some steels in the testing of tubular specimens under internal pressure of hydrogen at high temperatures. I. A. Gilkman and others. Khim. sera i azotorg soed v neft i nefteprod 3,439-450 '60.

Secretion of hydrogen ions by roots. A. V. Peterburgskii, G. A. Tarabrin. Doklady TSKhA no 57 71-76 '60.

Solubility of the mixture of carbon dioxide and hydrogen in methyl alcohol at low temperature under pressure. E. R. Shenderei, IA. D. Zel'venskii, V. P. Ivanovskii. Khim. prom. no. 5:309-312 My '61

HYDROGEN—ANALYSIS

Simultaneous determination of carbon, hydrogen, and sulfur in organic compounds. A. A. Ratovskaia, V. M. Nizhutina, F. Sh. Ibragimova. Khim. sera i azotorg. soed. v neft. i nefteprod. 3:149-150 '60

HYDROGEN—ISOTOPES

Malkov, M. P., and others. [Isolation of deuterium from hydrogen by the deep cooling method] Vydelenie deiteriia iz vodoroda metodom glubokogo okhlazhdeniia. Pod. obshchei red. M. P. Malkova. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhn. 1961. 150 p.

Separation of hydrogen isotopes on a palladium cathode. G. N. Trusov, N. A. Aladzhalova, V. I. Veselovskii. Dokl. AN SSSR 138 no. 6:1385-1388 Je '61

HYDROGEN—SPECTRA

Ionization and excitation of hydrogen. Part 2: The number of observed lines in a series [with summary in English]. G. S. Ivanov-Kholodnyi, G. M. Nikol'skii. Astron. zhur. 38 no. 3:455-462 My-Je '61.

HYDROGEN BACTERIA see Bacteria, Hydrogen

HYDROGEN ION

Dissociation of molecular hydrogen ions in collisions with gas molecules [with summary in English]. L. I. Pivovar, V. M. Tubaev, M. T. Novikov. Zhur. eksp. i teor. fiz. 40 no. 1 34-39 Ja '61

HYDROGEN-ION CONCENTRATION

Certain characteristics of amphoteric compounds. Report No. 1: Compounds with a single functional group. IA. E. Briuske, B. A. Porai-Koshits. Trudy LTI no. 60: 123-137 '60.

Ionization and excitation of hydrogen. Part 2: The number of observed lines in a series [with summary in English]. G. S. Ivanov-Kholodnyi, G. M. Nikol'skii. Astron. zhur. 38 no. 3:455-462 My-Je '61.

HYDROGEN NUCLEUS see Protons

HYDROGEN PEROXIDE

Catalytic oxidation of iodide with hydrogen peroxide in the presence of zirconium salts. K. B. IAtsimirskii, L. P. Raizman. Zhur. neorg. khim. 5 no. 3:593-596 Mr '60.

HYDROGEN SULFIDE

Corrosion on metals in hydrogen sulfide at high temperatures. V. V. Ipat'ev and others. Khim. sera i azotorg. soed. v. neft. nefteprod. 3:419-430 '60.

HYDROGEN SULFIDE (Continued)

Effect of humidity on the yield of sulfur from the reaction of hydrogen sulfide and sulfur dioxide. L. V. Surnina. Izv. Sib. otd. AN SSSR no. 6, 121-126 '61.

High temperature gas corrosion in media containing hydrogen sulfide. L. D. Zakharochkin, S. I. Vol'fson. Khim. sera i azotorg. soed. v nefti, nefteprod. 3:411-418 '60.

Pathways of enzymatic formation of hydrogen sulfide from L-cysteine in the liver [with summary in English]. E. V. Goriachenkova. Biokhimiia. 26 no. 3 541-548 My-Je '61.

Role of elementary sulfur in the formation of hydrogen sulfide during the heating of crude oils. R. D. Obolentsev, B. V. Ivanov, K. V. Titova. Khim. sera i azotorg. soed. v nefti i nefteprod. 3:253-259 '60.

Reactions of fluorinated olefines. Reactions between fluorinated olefins and hydrogen sulfide. A. V. Fokin, A. A. Skladnev, I. L. Knunyants. Dokl. AN SSSR. 138 no. 5 1132-1135 Je '61.

HYDROGENATION

Catalytic hydrogenation of dimethylvinylethynylcarbinol. L. Kh. Freidlin, B. D. Polkovnikov, V. I. Gorshkov. Izv. AN SSSR. Otd. khim. nauk no. 6, 1120-1127 Je '61.

Chemistry of the transformation of simple ethers in liquid-phase hydrogenation. I. V. Kalechits and others. Izv. Sib. otd. AN SSSR no. 4 54-60 '61.

Conjugated systems. Part 139. Hydrogenation of onyne silicon hydrocarbons. M. D. Stadnichuk, A. A. Petrov. Zhur. ob. khim. 31 no. 6, 1855-1861 Je '61.

Crystallinity of the hydrogenation products of cis-1, 4-polybutadiene [with summary in English]. B. I. Tikhomirov, IA. I. IAkubchik, I. A. Klopotova. Vysokom. soed. 3 no. 3, 486 Mr '61.

Effect of the structure of compounds on the kinetics and direction of their catalytic hydrogenation. Part 2: Hydrogenation kinetics of furan, thiophene, and ferrocene on rhodium. A. A. Balandin, M. L. Khidekel', V. V. Patrikeev. Zhur. ob. khim. 31 no. 6, 1876-1882 Je '61.

Effect of the structure of sulfur organic compounds on the rate of the reactions of oxidation and catalytic hydrogenation. S. R. Sergienko, V. N. Parchenko, A. A. Mikhnovskaia. Khim. sera i azotorg. soed. v nefti i nefteprod. 3:353-361 '60.

Microanalytical hydrogenation [with summary in English]. B. G. Belen'kii, I. S. Baraboshina. Zhur. anal. khim. 16 no. 3, 337-342 My-Je '61.

On the 50th anniversary of the hydrogenation of fats in the U. S. S. R. A. S. Kliuchevich. Masl.-zhir. prom. 27 no. 6 4-7 Je '61.

Selective hydrogenation of aldehydes to alcohols. S. Z. Levin, A. Z. Karpov. Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no. 2 364-368 '60.

Selectivity of 2-ethylanthraquinone hydrogenation on a nickel catalyst. L. Kh. Freidlin, E. F. Litvin. Izv. AN SSSR. Otd. khim. nauk no. 6, 1150-1151 Je '61.

Synthesis of 3, 6-dimethyl-4, 6-decadiyne-3, 8-diol acetate and di(1-hydroxycyclopentyl)-1, 3-butadiyne acetate and their catalytic hydrogenation. A. I. Nogaideli, G. M. Gonadze. Zhur. ob. khim. 31 no. 6, 1838-1843 Je '61.

Transformations of carbonyl compounds in destructive hydrogenation. F. G. Salimgareeva and others. Izv. Sib. otd. AN SSSR no. 5 115-117 '61.

HYDROGRAPHIC SURVEYING
(see also subdivision under Vitim River)

Determining the accuracy of stream leveling for the calculation of the Chezy coefficient. P. V. Pavliv. Izv. vys. ucheb. zav., geod. i aerof. no. 2, 69-76 '61.

Marking of the water surface in aerial photographic surveying of rivers. D. A. IAnutsh. Meteor. i gidrol. no. 7, 40-42 Jl '61.

New method of intersecting measurement points. N. Budenkov. Rech. transp. 20 no. 6, 37-39 Je '61.

HYDROGRAPHY see subdivision under Volga Valley

HYDROLOGY
(see also subdivision under Archangel Province; Baikal, Lake; Baikal Lake region; Caspian Sea; Indigirka River Estuary; Kolyma River Estuary; Lena Delta; Sargasso Sea)

"General hydrology; continental waters" by A. I. Chebotarev. Reviewed by B. D. Zaikov and others. Meteor. i gidrol. no. 7, 50-52 Jl '61.

Nezhikhovskii, R. A. [Hydrological calculations and forecasts in the use of reservoirs and lakes] Gidrologicheskie raschety i prognozy pri ekspluatatsii vodokhranilishch i ozer. Leningrad, Gidrometeor. izd-vo, 1961. 294 p.

Useful collection. IU. V. Aleksandrovskii. Gidr. stroi. 31 no. 5, 63-64 My '61.

HYDROLOGY—BIBLIOGRAPHY see Bibliography—Hydrology

HYDROLOGY—RESEARCH see subdivision under Irkutsk Province

HYDROLYSIS
(see also subdivision under Chimkent)

The free energy of phosphoserine hydrolysis [with summary in English]. G. E. Vladimirova, A. I. Komkova, N. A. Fedorova. Biokhimiia. 26 no. 3 426-430 My-Je '61.

Heterochain polyesters. Part 31. Role played by the hydrolysis of aromatic dicarboxylic acid chlorides in the process of interfacial polycondensation [with summary in English]. V. V. Korshak and others. Vysokom. soed. 3 no. 7 984-990 Jl '61.

Hydrolysis of the cellulose lignin of pine by 11% hydrochloric acid in a diffusion battery. N. V. Chalov and others. Izv. vys. ucheb. zav., les. zhur. 4 no. 2 131-137 '61.

Kinetics and thermal effect of the hydrolysis of some N-substituted lactams. A. K. Bonetskaia and others. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 1, 74-77 '61.

Processing of plant materials by hydrolysis and pyrolysis. S. V. Chepigo. Khim. prom. no. 5, 316-319 My '61.

Study of intermediate products in the hydrolysis of eremuran. B. N. Stepanenko, L. V. Slozhenikina. Dokl. AN SSSR. 138 no. 6, 1460-1463 Je '61.

HYDROLYSIS—EQUIPMENT AND SUPPLIES

Using mechanized caps for hydrolyzers. M. M. Sapiro, S. Z. Sirotnikov. Mekh. i avtom. proizv. 15 no. 6, 29-30 Je '61.

HYDROMETALLURGY

Decomposition of alkali-calcium precipitates obtained in the process of treating nephelite rocks by hydrochemical methods. M. G. Menvelian and others. TSvet. met. 34 no. 2 56-60 F '61.

Density of aluminate-alkali solutions. E. Z. Vydrevich, M. A. Zaitseva. TSvet. met. 34 no. 6 55-58 Je '61.

Effect of colloid iron on the purification of neutral solutions from copper and cadmium. V. G. Ageenkov, Z. A. Serikov. Izv. vys. ucheb. zav.; tsvet. met. 4 no. 2, 53-57 '61.

Rate of dissolution of lead and zinc sulfides in hydrochloric acid solutions. S. I. Tarabaev, K. A. Shchurov, B. E. Medvedkov. Trudy Inst. met. i obogashch. AN Kazakh. SSR 3:134-147 '60.

Rough purification of solutions from arsenic by sulfur dioxide. D. B. Buzut-Ool. TSvet. met. 34 no. 2, 47-50 F '61.

Separation of copper and lead from chloride solutions by the cementation method. L. A. Saltovskaia, V. D. Ponomarev, O. A. Khan. Trudy Alt. GMNII AN Kazakh. SSR 9, 221-226 '60.

Specific weight and viscosity of beryllium sulfate solutions and their effect on the speed of filtration. A. I. Lainer, M. A. Kolenkova, A. V. TSvetkova. Izv. vys. uchob. zav., tsvet. met. 4 no. 2, 76-80 '61.

HYDROMETEOROLOGY

Features of automatic control in hydrometeorological operations. V. V. Kovalevskaia, A. N. Radchenko, V. V. Sidel'nikov. Sbor. lab. po vop. elektromekh. no. 5, 189-201 '61.

"Hydroclimatic cycle of the forest-steppe and steppe zones of the U. S. S. R. in dry and wet years." Reviewed by S. P. Khromov. Vest. AN SSSR. 31 no. 6, 132-135 Je '61.

HYDROPHOBIA see Rabies

HYDROQUINONE

Study of the kinetics of hydroquinone oxidation with the aid of a redoxystat. S. V. Gorbachev, M. S. Sytilin. Izv. vys. ucheb. zav.; khim. i khim. tekh. 4 no. 1, 155-157 '61.

HYDROSCOPICITY

Determination of the hydroscopicity of gauze. S. L. Voskoboinyk. Farmatsev. zhur. 16 no. 3, 52-53 '61.

HYDROXYL GROUP

Type of reactivity of the hydroxyl group in alcohols. B. V. Tronov, G. P. Naletova. Izv. vys. ucheb. zav.; khim. i khim. tekh. 4 no. 1, 163-164 '61.

HYDROXYLAMINE

Hydroxylamine derivatives. Part 1: Synthesis of α-substituted hydroxylamines. R. M. Khomutov. Zhur. ob. khim. 31 no. 6, 1892-1905 Je '61.

HYGIENE

If you want to be healthy, toughen yourself. A. Dovzhenko. Sov. kras. krest. 11 no. 3, 20 My-Je '61.

Luk'ianov, V. S. [Health, working capacity, and longevity] Zdorov'e, rabotosposobnost', dolgoletie. Izd. 4., ispr. i dop. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 367 p. (DNLM)

HYPERONS

Mesons and hyperons [translated from the English]. G. A. Snow, M. M. Shapiro. Usp. fiz. nauk. 74 no. 1, 125-139 My '61.

HYPERTENSION

Changes in pain adaptation in patients with hypertension under the influence of aminazine. D. A. Ryklis, E. I. Rozentsveig. Zdrav. Turk. 5 no. 1, 17-21 Ja.-F '61.

Characteristics of lipoid metabolism in patients with hypertension. I. N. Bashmakova. Sov. med. 25 no. 5, 96-100 My '61.

Clinical significance of some biochemical indexes in hypertension. V. N. Dziak, A. G. Kushnereva, I. N. Bashmakova. Vrach. delo no. 4, 140 Ap '61.

Comparative evaluation of hypotensive drugs in experimental renal hypertension [with summary in English]. Sh. I. Mardaleishvili. Farm. i toks. 24 no. 2, 154-161 Mr.-Ap. '61.

Composition of plasma protein in hypertension patients treated with the electrical field of ultra-high frequency and diathermy. A. Karimdzhanov. Med. zhur. Uzb. no. 5, 42-45 My '61.

Effect of hexonium and pedergam in experimental hypertension [with summary in English]. M. V. Pan'shina. Farm. i toks. 24 no. 2, 115-119 Mr.-Ap. '61.

Method for the production of experimental hypertension. G. A. Ionkin, M. V. Pan'shina. Pat. fiziol., eksp. terap. 5 no. 3, 84-85 My-Je '61.

Reflex effect from the pulmonary receptors on the blood supply of the kidneys under normal conditions and in experimental renal hypertension [with summary in English]. A. I. Vyshatina. Pat. fiziol., eksp. terap. 5 no. 3, 38-42 My-Je '61.

Role of the emotional factor in the development of hypertension. IA. N. Vorobeichik. Zdrav. Bel. 7 no. 5, 23-25 My '61.

Role of the renoprivic factor in the pathogenesis of hypertension [with summary in English]. S. M. Shenderov. Pat. fiziol. i eksp. terap. 5 no. 3, 9-16 My-Je '61.

Treatment of hypertension with tropaphen [with summary in English]. TS. Lovina, A. I. Romanovskaia. Sov. med. 25 no. 1, 67-70 Ap '61.

Use of phenatine in hypertension with asthenic syndrome in aged subjects. L. B. Gaikel', E. N. Pavlova, A. G. Usov. Sov. med. 25 no. 5, 142-144 My '61.

Use of phenatine in treating hypertension. Z. N. Popova. Vrach. delo no. 4, 138-139 Ap '61.

Water metabolism in hypertension [with summary in English]. M. G. Sheverda. Vrach. delo no. 4, 16-20 Ap '61.

HYPERTHYROIDISM

Histochemical study of proteins, nucleic acids, and polysaccharides in diffuse and nodular goiter in thyrotoxicosis. V. B. Zolotarevskii. Arkh. pat. 23 no. 5, 40-49 '61.

Morphological changes in the liver in thyrotoxicosis. V. A. Odinokova. Arkh. pat. 23 no. 4, 67-72 '61.

Prevention of postoperative thyrotoxic shock. A. A. Dulitskii. Sov. med. 25 no. 5, 121-124 My '61.

HYPNOTISM

Dynamics of electrical potentials of the human cerebral cortex during hypnosis with different types of rapport [with summary in English]. A. I. Maretina. Zhur. vys. nerv. deiat. 11 no. 2, 233-236 Mr.-Ap. '61.

HYPOBROMITES

Conjugated systems. Part 138: Addition of alkyl hypobromites and alkyl hypoiodates to α-tert-butylbromoprene. I. A. Maretina, A. A. Petrov. Zhur. ob. khim. 31 no. 6, 1851-1855 Je '61.

HYPOBROMOUS ACID

Kinetics of the addition of hypobromous acid to crotonaldehyde in an aqueous solution. N. P. Kaminev. Izv. vys. ucheb. zav.; khim. i khim. tekh. 4 no. 1, 78-83 '61.

HYPOCHLORITES

Determination of hypochlorites, chlorites, and chlorates present simultaneously by means of arsenite using OsO_4 as a catalyst [with summary in English]. P. K. Norkus, A. IU. Prokopchik. Zhur. anal. khim. 16 no. 3, 323-326 My-Je '61.

HYPODERMIC NEEDLES—STERILIZATION

Flame sterilization of Frank's needles in the prevention of viral hepatitis. G. P. Stepanov. Zhur. mikrobiol. epid. i immun. 31 no. 11, 153-156 N '60.

HYPOIODATES

Conjugated systems. Part 138: Addition of alkyl hypobromites and alkyl hypoiodates to α-tert-butylbromoprene. I. A. Maretina, A. A. Petrov. Zhur. ob. khim. 31 no. 6, 1851-1855 Je '61.

HYPOTHERMIA

Change in the conditioned reflex activity of dogs resuscitated after clinical death from blood loss in hypothermia [with summary in English]. T. IA. Pavlova. Zhur. vys. nerv. deiat. 11 no. 2, 312-317 Mr.-Ap. '61.

Effect of hypothermia on the ammonia and glutamine content of the cerebral cortex of dogs in death and subsequent resuscitation [with summary in English]. M. S. Gnevskaia, E. A. Nosova. Ukr. biokhim. zhur. 33 no. 3, 407-419 '61.

Effect of hypothermia on the development of experimental nephrocalcinosis in rats. O. S. Glozman and others. Arkh. pat. 23 no. 4, 37-42 '61.

Morphological pulmonary changes in deep hypothermia in white rats. N. V. Korostoviseva, V. N. Fadeeva. Arkh. pat. 23 no. 4, 32-36 '61.

Potentiated anesthesia and hypothermia in the treatment of traumatic shock. I. Sh. Bliumin, I. T. Vilenskii. Ekaper. khir. 4 no. 6, 46-48 N-D '59.

Remote oxygen requirement of the brain after hypothermia [with summary in English]. E. M. Khvatova. Biofizika. 6 no. 3, 351-356 '61.

HYPOTHYROIDISM
Lipine, copper and manganese content of the blood, liver and kidneys in experimental hypothyroidism [with summary in English]. T. S. Samofal. Vop. med. khim. 7 no. 2 163-166 Mr-Ap '61.

HYSTERECTOMY
Interadnexal hysterectomy with preservation of the endometrial flap in the treatment of multiple fibroma of the uterus P. Syrbu, I. Bitnaru, V. Poinescu. Akush i gin. 37 no. 1 75-78 '61.

IAMSHCHIKOVA, MARGARITA VLADIMIROVNA, 1872-
Litvinov, V. M. [Al. Altaev; an account of her life and work] Al. Altaev; kritiko-biograficheskii ocherk. Moskva, Gos. izd-vo detskoi lit-ry M-va prosv. RSFSR, 1960. (Dom detskoi knigi)

IANSHIN, A. L., 1911-
Fiftieth birthday of Academician A. L. IAnshin. Vest. AN SSSR 31 no. 6 89 Je '61.

IATSIMIRSKAIA-KONOTOVSKAIA, MARIIA KLEMENT'EVNA, d. 1961
In memory of M. K. IAtsimirskaia-Krontovskaia, obituary. Zhur. mikrobiol. epid. i immun. 32 no. 5 150-151 My '61.

ICE
Experimental installation for investigating the process of ice boring. S. S. Torban, V. N. Danil'chenko. Trudy VNIRO 39:87-90 '59.
Some parameters of the process of ice boring. S. S. Torban, V. N. Danil'chenko. Trudy VNIRO 39:91-98 '59.

ICE—MANUFACTURE
The SA-10 ice crusher. P. M. Kosterov. Ryb. khoz. 37 no. 5 69-71 '61.

ICE AGE see also subdivision 'Glacial epoch' under Volga Valley; Yergeni Hills

ICE-BREAKING VESSELS
Characteristics of the work of electric propulsion systems on ice-breaking vessels with propellers hitting the ice and being wedged in it. Sudostroenie 27 no. 5:30-33 My '61.
Propulsive unit icebreaker-tug. IU. N. Popov, A. IA. Ryvlin. Sudostroenie 27 no. 6 18-19 Je '61.

ICE FISHING
Some problems of mechanized fishing under ice. S. S. Torban. Trudy VNIRO 39:83-86 '59.

ICE ON RIVERS, LAKES, ETC.
(see also subdivision under Bratsk Hydroelectric Power Station; Chaun Bay; Laptev Sea region; Lena River; Voronezh River)
Feasibility of lengthening the navigation season in the lower Yenisey. V. Antonov. Mor. flot 21 no. 6 34-35 Je '61.
Ice roads. N. Kondrashov, Kh. Vishniakov. Tyl i snab. Sov. Voor. Sil 21 no. 2:77-81 F '61.
Livshits, I. S. [Protection against the run of ice and high waters] Zashchita ot ledokhoda i vysokikh vod. Moskva, Goslesbumizdat, 1961. 110 p.
Turbulent exchange in the surface water layer beneath the ice covering a body of water. A. A. Speranskaia. Trudy Okean. kom. 10 no. 1:147-151 '60.

ICE ROADS see Roads, Ice

ICEHOUSES
Icehouse made without a wooden framework. A. Priadekhin. Tyl i snab. Sov. Voor. Sil 21 no. 2:91 F '61.

ICELAND—FOREIGN RELATIONS—GREAT BRITAIN
End of the "cod war." P. Kushch. Nov. vrem. 10 no. 26:22-23 Je '61.

ICELAND—MILITARY BASES
People of Iceland against atomic bases. V. Zagorskii. Mezhdunar. zhizn' 6 no. 7:145-146 Jl '61.

ICELAND SPAR
Santonian globular lavas of the Martuni synclinorium which include Iceland spar. F. A. Akhundov. Dokl. AN Azerb. SSSR 17 no. 4:299-302 '61.

IDEAL STATES see Utopias

IDENTITY, PERSONAL see Personality

IERUSALIMSKII, NIKOLAI DMITRIEVICH, 1901-
Nikolai Dmitrievich IErusalimskii on his 60th birthday. Mikrobiologiia 30 no. 2:381 Mr-Ap '61.

IGIM REGION—EAGLES
Feeding habits of the eagle Aquila clanga Pall. in the mouth of the Belaya River. S. G. Prikhonskii. Ornitologiia no. 3:174-179 '60.

IGNEOUS ROCKS see Rocks, Igneous

IKSA VALLEY—SWAMPS
Characteristic features of swamps located in the Iksa watershed. IU. A. L'vov. Izv. Tomsk. otd. VBO 4:59-62 '59.

ILI DEPRESSION—ENGINEERING GEOLOGY
Characteristics of the cover beds in the Ili Depression from the point of view of engineering geology. V. P. Bochkarev. Izv. AN Kazakh SSR. Ser. geol. no. 1 68-79 '61.

ILI DEPRESSION—OSTRACODA, FOSSIL
New species of ostracods in the upper Pliocene of the Ili Depression. O. N. Kondrashkina. Izv. AN Kazakh SSR. Ser. geol. no. 1 21-27 '61.

IL'IN, SEMEN SAVEL'EVICH
S. S. Il'in's eightieth birthday. Masl.-zhir. prom. 27 no. 6:18 Je '61.

IL'IUSHIN, VLADIMIR SERGEEVICH, 1927-
Altitude. G. Gofman. Sov. voin. 43 no. 10 21-24 My '61.

ILMENITE—SPECTRA
Spectral determination of the composition of granites and ilmenite, having a small quantity of the initial material. A. A. Turskii, V. V. Khokhlov. Izv. vys. ucheb. zav., geol. i razv. 4 no. 3 131-134 Mr '61.

IMAGINATION
Influence of an imaginary competitive situation on the effectiveness of actions and frequency of pulse in athletes. N. R. Bogush, L. I. Valigura. Probl. psikhol. sporta no. 1, 219-227 '60.

IMERETIAN RANGE—PETROLEUM GEOLOGY
Study of the tectonics of the northern periphery of the Imeretian Range in connection with oil potential. A. A. Chikovani. Trudy VNIGNI no. 15:112-142 '59.

IMMUNITY
Cellular foundations and neurohumoral regulation of immunogenesis. P. F. Zdrodovskii. Zhur. mikrobiol. epid. i immun. 32 no. 1, 3-9 Ja '61.
Change in the phagocytic reaction in passive antidiphtherial immunity under experimental conditions. A. T. Starodubova. Zhur. mikrobiol. epid. i immun. 32 no. 4 33 Ap '61.
"Chemistry of specific immunity" by V. S. Gostev. Reviewed by M. P. Zykov, B. N. Kozlmin-Sokolov. Zhur. mikrobiol. epid. i immun. 31 no. 11:157-159 N '60.
Current problems in immunology. J. Sterzl. Usp. sovr. biol. 51 no. 3 337-351 My-Je '61.
Effect of cortisone on acquired postvaccinal immunity [with summary in English]. S. L. Blinkher. Zhur. mikrobiol. epid. i immun. 31 no. 3:109-114 Mr '60.
Effect of cortisone on immunogenic processes. Report No. 4. Comparative study of the reactivity of the body to action of various steroid hormones [with summary in English]. A. N. Meshalova, I. B. Friazinova. Zhur. mikrobiol. epid. i immun. 31 no. 23-29 Ag '60.
Immunological reactivity in patients with schizophrenia during treatment with insulin and neuroleptic drugs [with summary in French]. L. S. Kulikov. Zhur. nevr. i psikh. 61 no. 2:201-207 '61.
Material on the problem of nervous regulation of immunological reactions [with summary in English]. Z. S. Zakrividoroga. Zhur. mikrobiol. epid. i immun. 32 no. 1: 14-17 Ja '61.
Modifying immune reactions of the body by preliminary administration of antibiotics [with summary in English] T. M. Kokushina, A. I. Daal'-Berg, N. G. Simakova. Antibiotiki 5 no. 3:40-51 My-Je '60.
Nosterov's test as a nonspecific resistance index [with summary in English]. M. V. Zenkevich, M. N. Tkacheva. Zhur. mikrobiol. epid. i immun. 31 no. 11:63-67 N '60.
Nonspecific resistance. H. Selye. Pat. fiziol. i eksp. terap. 5 no. 3:3-14 My-Je '61.
Pigalev, I. A. [Some problems of immunity following the action of ionizing radiation on the body] Nekotorye voprosy immuniteta pri vozdeistvii na organizm ionizirulushchei radiatsii. Moskva, 1955. 19 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)
Relationship between the individual features of immunogenesis and typological features of the nervous system of rabbits. Report No. 1: Dynamics of agglutinin formation depending on the functional mobility of the nervous process [with summary in English]. V. N. Krylov, O. V. Malinovskii. Zhur. mikrobiol. epid. i immun. 32 no. 1:10-13 Ja '61.
Some biochemical mechanisms of the inherited and acquired immunity. V. P. Efroimson. Zhur. VKHO 6 no. 3 314-318 '61.
Study of the ribonucleic acid content of neurons of the central nervous system of the Macaca rhesus monkey in the process of immunogenesis [with summary in English]. O. G. Andzhaparidze, E. E. Rozina, A. M. Amchenkova. Zhur. mikrobiol. epid. i immun. 32 no. 1:22-26 Ja '61.

IMMUNOLOGY
Immunological indexes in subjects inoculated against typhoid and paratyphoid B fevers with a chemical adsorbed divaccine of the Gamaleia Institute of Epidemiology and Microbiology of the Academy of Medical Sciences of the U. S. S. R. [with summary in English]. K. I. Liuksemburg. Zhur. mikrobiol. epid. i immun. 31 no. 12:65-68 D '60.
Some physiological regularities of changes in the immunological reactivity in animals with various types of nervous systems following vaccination [with summary in English]. A. M. Monnenkov. Zhur. mikrobiol. epid. i immun. 31 no. 12 50-54 D '60.

IMMUNOLOGY—BIBLIOGRAPHY see Bibliography—Immunology

IMPACT
Investigating dynamics and stability of vibration-impact systems. R. E. Brunshtein, A. E. Kobrinskii. Trudy Inst. mash. Sem. po teor. mash. 21 no. 83-84, 45-54 '61.
Theory of absolutely elastic impact of material systems. V. I. Kirgetov. Prikl. mat. i mekh. 25 no. 1:3-8 Ja-F '61.

IMPELLERS
Investment casting of experimental lots of EI572 steel turbine wheels. V. A. Ivanov, G. P. Kim. Lit. proizv. no. 3:4-6 Mr '61.

INBREEDING
Biological characteristics of nine inbred lines of mice [with summary in English]. M. G. TSubina. Biul. MOIP. Otd. biol. 66 no. 3 114-133 My-Je '61.

INCENTIVES IN INDUSTRY
Conference on the problem of the material encouragement of workers to improve production quality. I. Baltrushevich. Biul. nauch. inform. 'trud i zar. plata' 4 no. 6:56-61 '61.
Material and ethical incentives for work. F. Pavlov. Komm. Ukr. 36 no. 7:18-25 Jl '61.

INCOME—STATISTICS
Grouping the population according to incomes. S. Postnikov. Vest. stat. no. 6, 41-51 '61.

INCOME TAX—DEDUCTIONS
Income-tax exemptions. Izobr. i rats. no. 6:35 Je '61.

INDANDICARBOXYLIC ACID
Stereochemistry of cyclic compounds. Report 30: Synthesis and stereospecific transformations of monoesters of cis-syn and cis-anti-Δ^7 hydrindene-4, 5-dicarboxylic acids. V. F. Kucherov, E. P. Serebriakov. Izv. AN SSSR. Otd. khim. nauk no. 6:1087-1093 Je '61.

INDANDIONE
Imines of di- and polyketones. Part 6: 2-methyl-1, 3-indandione imine. IA. F. Freimanis, G. IA. Vanag. Zhur. ob. khim. 31 no. 6:1945-1953 Je '61.
Imines of di- and polyketones. Part 7: Nitration of 2-methyl-1, 3-indandione and of its imine. IA. F. Freimanis, G. IA. Vanag. Zhur. ob. khim. 31 no. 6:1951-1962 Je '61.

INDAZOLE
Synthesis of 5-amino-3-β-(aminoethyl) indazole. N. V. Savitskaia, M. N. Shchukina. Zhur. ob. khim. 31 no. 6: 1924-1926 Je '61.
Synthesis of N-acylindazoles and 6-acylaminoindazoles with furan nuclei. F. T. Pozharskii, N. F. Nuboka. Zhur. ob. khim. 31 no. 6:1934-1936 Je '61.

INDER, LAKE—SALT DEPOSITS
Microclimate of the salt massif of Lake Inder. IA. I. Tychino. Trudy Lab. ozeroved. 10:110-141 '60.

INDIA—ADMINISTRATIVE AND POLITICAL DIVISIONS
Laroshenko, F. D. [The states, districts, and taluks of India] Shtaty, okruga i raiony Indii. Moskva, Vses. in-t nauchn. i tekhn. informatsii, 1961. 110 p.

INDIA—ECONOMIC ASSISTANCE, AMERICAN
Why is American help ineffective ("India and U. S. aid" by D. Latifi). Reviewed by M. Aleksandrov, K. Chandrasekar). Az. i Afr. seg. no. 3:67 Mr '61.

INDIA—ECONOMIC ASSISTANCE, RUSSIAN
Ranchi, a symbol of friendship. Satianarain Sinkha. Az. i Afr. seg. no. 3:26-27 Mr '61.

INDIA—HISTORY
Akademiia nauk SSSR. Institut narodov Azii. [New history of India] Novaia istoriia Indii. Moskva, Izd-vo vostochnoi lit-ry, 1961. 833 p.

INDIA—LEARNED INSTITUTIONS AND SOCIETIES
Twenty-fifth anniversary of the founding of the Indian National Institute of Sciences. M. P. Kostenko. Vest. AN SSSR 31 no. 6:81-82 Je '61.

INDIA—LENIN, VLADIMIR IL'ICH, 1870-1924
"India and Lenin; a collection" [in English]. Reviewed by V. V. Ivanov. Vop. ist. KPSS 5 no. 4:181-184 '61.

INDIA—POLITICS AND GOVERNMENT
What is the "Svatantra" party fighting for [with English summary in insert]? S. Mikoian. Az. i Afr. seg. no. 6: 16-18 Je '61.

INDIA—RELATIONS (GENERAL) WITH RUSSIA
Awarding of honorary degrees to Soviet scientists. Vest. AN SSSR 31 no. 6:81 Je '61.

INDIA—RHINOCEROS

A trip after a rhinoceros (to be concluded). Ursula and Wolfgang Ulrich. Vokrug sveta no.6:21-24 Je '61.

Trip after the rhinoceros Ursula and Wolfgang Ulrich. Vokrug sveta no 7:48-50 Jl '61

INDIA—TECHNICAL ASSISTANCE, GERMAN

Not all forms of aid are the same. A. Akhmedzianov. Az. i Afr. seg no 5:24-26, 31 My '61.

INDIA—TECHNICAL ASSISTANCE, RUSSIAN

Not all forms of aid are the same. A. Akhmedzianov. Az. i Afr. seg no. 5:24-26, 31 My '61

INDIA—TRADE UNIONS

Unity of action of trade unions: India, Indonesia. Az. i Afr seg no 5:17, 20-21 My '61.

INDIAN OCEAN—BENTHOS

Quantitative distribution of the bottom fauna in the northern half of the Indian Ocean G. M. Beliaev, N. G. Vinogradova Dokl. AN SSSR 138 no. 5.1191-1194 Je '61.

INDIAN OCEAN—FLYING FISH

A contribution to the study of the fauna of flying fishes (family Exocoetidae) of the Pacific and Indian Oceans. N. V. Parin. Trudy Inst. okean. 43:40-91 '61

INDICATORS AND TEST PAPERS

Acid-base indicators. G. N. Kosheleva. Trudy IREA no 22 78-94 '58.

Chemiluminescent redox indicators. E. IA. IAlovenko, G N Kosheleva Trudy IREA no. 22:104-109 '58

Complexometric determination of calcium in rocks with the hydronII indicator. E. S. Kruchkova, I. S. Mustafin. Zav. lab, 27 no. 6-668-669 '61.

Quality of indicators. Report No 2: Azo and nitro indicators G. N Kosheleva, A. A. Cherkasskii. Trudy IREA no 22:110-114 '58

Use of redox indicators in volumetric analysis. G. A. Pevtsov Trudy IREA no. 22 95-103 '58.

INDICTMENTS

The judicial nature of the indictment. N. N. Polianskii. Izv vys ucheb. zav. ,prav. 4 no.1:105-115 '60

INDIGIRKA RIVER ESTUARY—HYDROLOGY

The technique of short-range water level forecasting at the mouths of the Indigirka and Kolyma Rivers. M. K. Fedorov. Trudy AANII 213:112-163 '61.

INDIGO

Study of the substantive properties of vat sols. Report No. 1: Dyeing of cotton with indigosol O4B and indigosol Grey C. A. V. El'tsov, V. G. Abozin. Trudy LTI no. 60: 159-166 '60.

INDIUM

Separation of indium and tin by extraction with alkylphosphoric acids. I S Levin, V A Mikhailov. Dokl. AN SSSR 138 no 6.1392-1394 Je '61

INDIUM—MAGNETIC PROPERTIES

Magnetic properties of thin superconducting tin and indium films [with summary in English] B. K. Sevast'ianov. Zhur. eksp. i teor. fiz. 40 no. 1 52-63 Ja '61.

INDIUM ANTIMONIDE—ELECTRIC PROPERTIES

Effect of annealing on the electric and galvanomagnetic properties of indium antimonide V. E. Il'in, I. E. Gorbacheva. Fiz. tver. tela 3 no. 2:535-544 F '61

Electric and galvanomagnetic properties of p-type InSb crystals at low temperatures. Lian' Chzhi-chao [Lien Chih-ch'ao], D. N. Nasledov. Fiz. tver. tela 3 no. 5: 1456-1464 My '61.

INDIUM ANTIMONIDE—MAGNETIC PROPERTIES

Electric and galvanomagnetic properties of p-type InSb crystals at low temperatures. Lian' Chzhi-chao [Lien Chih-ch'ao], D. N. Nasledov. Fiz. tver. tela 3 no. 5: 1458-1464 My '61.

INDIUM ANTIMONIDE CRYSTALS

Preparation of double crystals of indium and gallium antimonides. V. I. Ivanov-Omskii, N. K. Kiseleva, B. T. Kolomiets. Fiz. tver. tela 3 no. 5:1621-1622 My '61.

INDIUM ARSENIDE

Photoelectronic emission from the intermetallic compounds Mg_2Sn and InAs [with summary in English]. P. G. Borzdak, P. M. Marchuk, H. F. Mitians'kyi. Ukr. fiz zhur. 5 no 1.65-74 Ja-F '60.

Some features of photoemission from indium arsenide. A. N. Arsen'eva-Geil', Van Bao-kun' [Wang Pao-k'un]. Fiz. tver. tela 3 no. 5:1622-1623 My '61.

INDOLEACETIC ACID

How the development of sunflowers is affected by indoleacetic and gibberellic acids in their separate and combined application. M. M. Gukova, V. V. Faustov. Doklady TSKhA no. 57:133-138 '60.

INDONESIA—COMMUNIST PARTY

Aidit, D. N. [Lessons from the history of the Communist Party of Indonesia. Translated from the Indonesian] Uroki istorii Kommunisticheskoi partii Indonezii. Moskva, Gos. izd-vo polit. lit-ry, 1961. 34 p.

Glorious path ("The 40th anniversary of the Communist Party of Indonesia" [in Indonesian]. Reviewed by V. A. Shurygin). Vop. ist. KPSS 5 no 4 193-197 '61.

INDONESIA—LAND TENURE

On the path to agrarian reforms. L. Skomorokhov. Az. i Afr. seg. no. 3:53 Mr '61.

INDONESIA—POLITICS AND GOVERNMENT

Changes in the land of Bandung [with English summary in insert]. A. Lavrent'ev. Az. i Afr. seg. no. 3:3-5 Mr '61.

Colonial sword. R. Urazaev. Az. i Afr. seg. no. 6:53 Je '61.

Glorious path ("The 40th anniversary of the Communist Party of Indonesia" [in Indonesian] Reviewed by V. A. Shurygin). Vop. ist KPSS 5 no. 4:193-197 '61.

INDONESIA—TRADE UNIONS

Prospects and problems of workers' struggle. Njono. Vsem prof dvizh no 5 22-23 My '61.

Unity of action of trade unions: India, Indonesia. Az. i Afr. seg no 5:17, 20-21 My '61

INDUCTANCE

Inductance, loss resistance and quality factor of inductance coils P M Todorov. Izm. tekh no. 7:38-41 Jl '61.

INDUCTION HARDENING

Induction hardening of high-module gears. P. I. Butkevich Metalloved. i term. obr. met. no. 7:56-57 Jl '61.

Investigating the decomposition of nonhomogenous martensite obtained during hardening from a quick heating I. N. Kidin, A. N. Malyshkin. Izv. vys. ucheb. zav., chern. met. 4 no. 5.147-152 '61.

INDUCTION HEATING

Cyaniding of steel with heating by high-frequency currents I. N. Kidin, IU G. Andreev. Izv. vys. ucheb zav , chern. met. 4 no. 5 153-161 '61.

Donskoi, A. V., and G. V. Ivenskii. [New induction heating systems with ionic frequency converters] Novye elektrotermicheskie ustanovki s ionnymi preobrazovateliami chastoty. Leningrad, 1961. 30 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila: Elektricheskie metody obrabotki metallov, no. 1)

Tir, L. L. [Transformers for high-frequency induction heating systems] Transformatory dlia ustanovok induktsionnogo nagreva povyshennoi chastoty. Moskva, Gos. energ. izd-vo, 1961. 238 p.

INDUCTION MOTORS see Electric motors, Induction

INDUSTRIAL ARTS

People are the creators of the beautiful Sov. profsoiuzy 17 no.12 28-29 Je '61.

INDUSTRIAL BUILDINGS

Using models in assembly and construction work. D. Petrosian. Prom. Arm. 4 no 1:75-76 Ja '61.

INDUSTRIAL BUILDINGS—LIGHTING

Conference on artificial lighting for industrial buildings without windows or clerestories. D. A. Zil'ber. Gig. i san. 26 no. 1 119-120 Ja '61.

INDUSTRIAL CAPACITY

Kurotchenko, V. S., and P. A. Osada. [Methodology for calculating the productive capacity of an industrial enterprise] Proizvodstvennaia moshchnost' promyshlennogo predpriiatiia; metodika rascheta. Moskva, Gos. izd-vo planovo-ekon. lit-ry, 1961. 279 p.

INDUSTRIAL COSTS see Costs, Industrial

INDUSTRIAL DESIGN see Design, Industrial

INDUSTRIAL EFFICIENCY see Efficiency, Industrial

INDUSTRIAL EQUIPMENT

Fel'd, S. D. [Planning the development of new machinery] Planirovanie razvitiia novoi tekhniki. Moskva, Gosplanizdat, 1961. 119 p.

INDUSTRIAL EQUIPMENT—MAINTENANCE AND REPAIR see subdivision under Dnepropetrovsk

INDUSTRIAL HYGIENE

Brief news. Sov. zdrav. 19 no. 3:86-89 '60.

"Organization and method of studying disease incidence among industrial workers" by V. A. Mozgliakova. Reviewed by N. I. Gavrilov. Zdrav. Ros. Feder. 5 no. 6: 40-41 Je '61.

Pure air and artificial sunlight. Georgii Orel. Sov. Ukr. 10 no. 2:141-149 F '60.

INDUSTRIAL HYGIENE—LAW AND LEGISLATION

Therapeutic and prophilactic diet for workers and employees. L. IUdelevich Sots. trud 6 no. 5:47-52 My '61.

INDUSTRIAL MANAGEMENT

(see also subdivision under Armenia, Germany, West; United States)

Conference of the Coordinating Council on Problems of Labor Organization and Establishment of Work Standards in the U. S. S. R. S. Kozlovskii. Biul. nauch inform. trud i zar. plata 4 no. 6.52-56 '61.

"Economic control of the operation of a machinery plant" by A. P. Aleksandrovskii. Reviewed by O. M. Brees, S. A Tilles. Vest. mosh 41 no 7:89 Jl '61.

[Economics of your enterprises; articles on the economics of socialist industry] Ekonomika tvoego predpriiatiia; sbornik statei po ekonomike sotsialisticheskoi promyshlennosti. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 174 p. (V pomoshch' slushateliam komsomol'skikh politkruzhkov po izucheniiu osnov ekonomiki promyshlennykh predpriiatii)

Fasoliak, N. D. [Working capital and the problem of supplying industrial enterprises with material and equipment] Oborotnye fondy i material'no-tekhnicheskoe snabzhenie promyshlennykh predpriiatii. Moskva, Gosplanizdat, 1961. 80 p. (V pomoshch' propagandistam i slushateliam seti partiinogo prosveshcheniia)

From the editor's mail. Sots. trud 5 no 12 138-139 D '60.

Let's intensify our struggle for the effective utilization of industrial materials. P. Domashenko Ekon. Rad. Ukr. no. 3.46-52 My-Je '61.

Not waste but raw materials. T. Zolotarev. Izobr. i rats. no. 7:6-7 Jl '61.

On the size of administrative and managerial personnel I. Zhuravlev. Sots trud 6 no 5:131-133 My '61

Organization of control and improvement in the execution of planning. Plan. khoz. 38 no. 7 3-11 Jl '61.

Sankin, D. I. [Planning production and economic operations of industrial enterprises] Planirovanie proizvodstvenno-khoziaistvennoi deiatel'nosti promyshlennykh predpriiatii. Moskva, Gosplanizdat, 1961. 156 p. (V pomoshch' propagandistam i slushateliam seti partiinogo prosveshcheniia)

Textbook for correspondence students of economic institutes ("Organization and planning of machinery plants" E. G. Liborman and others). Reviewed by L. Bartashev and others. Mashinostroitel' no. 6 46 Je '61.

"The working man." A. S. Dobrolitbskii. Mashinostroitel' no. 6:38-41 Je '61.

INDUSTRIAL MEDICINE see Medicine, Industrial

INDUSTRIAL ORGANIZATION

All-Union competition for the best work on the organization and equipment of working spaces in machinery industry. Kuz.-shtam. proizv. 3 no. 7:3 of cover Jl '61.

Bishaev, M. A., and M. M. Fedorovich. [Organization of the administration of industrial production] Organizatsiia upravleniia promyshlennym proizvodstvom. Moskva, Gos. izd-vo planovo-ekon. lit-ry, 1961. 224 p.

Combined flowsheet for the production of forgings. V. G. Makarov. Kuz.-shtam. proizv. 3 no. 7:44-46 Jl '61.

Reorganization of the administration of industry and changes in contractual relations concerning the delivery of goods. E. A. Tarnovskaia Izv. vys. ucheb zav. ,prav. 4 no 1:53-61 '60.

INDUSTRIAL PAINTING see Painting, Industrial

INDUSTRIAL PROCUREMENT

Fasoliak, N. D. [Supply of materials and equipment in an economic administrative region] Material'no-tekhnicheskoe snabzhenie v ekonomicheskom administrativnom raione. Moskva, Gos. izd-vo planovo-ekon. lit-ry, 1961. 174 p.

Fasoliak, N. D. [Working capital and the problem of supplying industrial enterprises with material and equipment] Oborotnye fondy i material'no-tekhnicheskoe snabzhenie promyshlennykh predpriiatii. Moskva, Gosplanizdat, 1961. 80 p. (V pomoshch' propagandistam i slushateliam seti partiinogo prosveshcheniia)

Ivanov, N. V., N. K. Mallutin, and A. L. Fleishman. [Supplying industries of regional economic councils with materials and equipment] Material'no-tekhnicheskoe snabzhenie promyshlennosti sovnarkhozov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 307 p.

Problems in the supply of materials and equipment. N. Gal'perin. Fin. SSSR. 22 no. 6:61-68 Je '61.

Ways of improving the financial operations of supply and sale organizations. B. Mitel'man. Den. i kred. 19 no. 6:24-32 Je '61.

INDUSTRIAL RECREATION

When comrades agree. V. Shcherbakov. Komsom. zhizn' no. 2:23-25 Ja '60.

INDUSTRIAL RELATIONS

(see also subdivision under Italy)

Myths and reality; the theory of the second industrial revolution. V. N. Saprykov. Nauka i zhizn' 28 no. 5: 57-63 My '61.

INDUSTRIAL REPORTING

On improving the indices of the state plan. N. Moshkin. Plan. khoz. 38 no. 7:69-76 Jl '61.

INDUSTRIAL REPORTING (Continued)
Standards for reporting should be more precise. M. Tuygin. Plan khoz. 38 no. 7:90 Jl '61.
Uniform index for reporting the volume of industrial production and the productivity of labor in relation to the plan. M. Zeliger. Plan. khoz. 38 no. 7:76-78 Jl '61.

INDUSTRIAL RESEARCH see Research, Industrial

INDUSTRIAL SAFETY
Consultation. Bezop. truda v prom. 5 no. 7:33-34 Jl '61.
Consultations. Bezop truda v prom 5 no 6:36-37 Je '61
Dolin, P.A. [Manual on safety engineering] Spravochnik po tekhnike bezopasnosti. Izd. 2., perer. Moskva, Gos. energ. izd-vo, 1960. 367 p.
Following up articles published in "Bezopasnost' truda v promyshlennosti" Bezop. truda v prom. 5 no. 7:31 Jl '61.
Technological progress and industrial safety. B. Zlobinskii. Sots trud 6 no. 5,61-64 My '61.

INDUSTRIAL STATISTICS
Polterygin, W.K. [Industries in the U.S.S.R. from 1913 to 1965] Promyshlennost' SSSR 1913-1965 gg. [Moskva] Gospolitizdat, 1961. 46 p. (Nagliadnye posobiia dlia agitatora)

INDUSTRIAL WASTES
(see also subdivision under Ural Mountain region)
Fertilizers from waste products. IU. Davydov. Nauka i zhizn' 28 no. 5:32 My '61
Microbes oxidizing rhodanide and cyanide compounds in waste from coke plants [with summary in English]. N.T. Putilina Mikrobiologiia 30 no. 2 294-298 Mr-Ap '61.
Not waste but raw materials. T. Zolotarev. Izobr. i rats. no. 7:5-7 Jl '61.
Purification of waste waters from fluorides. IU. IU. Lur'e, P. S Antipova, A. N. Belevtsev. TSvet met. 34 no 2: 43-47 F '61
Roofing materials based on industrial wastes. A. L. Reznikov. Stroi. mat 7 no. 5:30-31 My '61.
Storerooms of dead ponds. N. Korenovskii. Izobr. i rats. no. 7:9-10 Jl '61.
Utilizing sodium thiosulfate from the waste waters of some manufactures. T. I. Kunin, V. A. Nikitin. Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no. 2:324-329 '60.

INDUSTRIES, LOCATION OF
Benenson, G.M., S.A. Obraztsov, and L.E. Bolotinskaia, [Prospects of the distribution of sawmills and woodworking industries] Perspektivy razmeshchenila lesopil'no-derevoobrabatyvaiushchei promyshlennosti. Moskva, Goslesbumizdat, 1960. 206 p.

INDUSTRIES, LOCATION OF—BIBLIOGRAPHY see Bibliography—Industries, Location of

INDUSTRY—ABSTRACTS
[Economics of industry.] Ref. sbor.: Ekon. prom. nos. 6-7 Je-Jl '61.

INDUSTRY—BIBLIOGRAPHY see Bibliography—Industry

INDUSTRY AND STATE
Khafizov, R. Kh. [Critique of theories of government regulation of the capitalist economy] Kritika teorii gosudarstvennogo regulirovaniia kapitalisticheskoi ekonomiki. Predisl. L. B. Al'tera. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1961. 166 p.

INEQUALITIES (MATHEMATICS)
Conditions for solvability of the Chaplygin problem for equations in partial differences. A. L. Teptin. Sib. mat. zhur. 2 no. 1:138-143 Ja-F '61.
Incompatible systems of linear inequalities. I. I. Eremin. Dokl AN SSSR 138 no 6:1280-1283 Je '61

INERTIAL NAVIGATION
Borisov, N. I., ed. [Inertial navigation; collection of translated articles] Problemy inertsial'noi navigatsii; sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1961.

INFANTILE PARALYSIS see Poliomyelitis

INFANTS—CARE AND HYGIENE
Toughening young children [with summary in English]. A. T. Bal'magiia. Vop. okh. mat. i det. 6 no. 4:33-37 Ap '61.
When everyone helps. E. N. Fedorova. Zdorov'e 7 no. 7:23 Jl '61.

INFANTS—NUTRITION
Use of ionized milk enriched with various kinds of sugar for feeding children in the first year of life. O. I. Kashkar'ova. Ped., akush i gin. 23 no. 1:29-32 '61.

INFANTS (NEWBORN)
Cytocytological changes in a full-term newborn girl during the first 10 days of life. S. Dukomov. Akush. i gin. 37 no. 1:37-39 '61.

INFANTS (NEWBORN)—DISEASES
Pathogenesis and treatment of tetanus neonatorum V. T Bushila, O. Pop Zhur. mikrobiol epid. i immun. 31 no 3,100-104 Mr '60
Some marginal questions in the pathology of newborn infants. I A. Shtern. Akush i gin. 37 no. 1,17-22 '61

INFANTS (NEWBORN)—SURGERY
Diagnosis of congenital and acquired surgical diseases in newborn infants and the therms of their treatment S D Ternovskii, A G. Pugachev. Akush i gin 37 no. 1 3-17 '61.

INFANTS (PREMATURE)
Care of a premature infant with a birth weight of 600 g T. M Boltvina Akush. i gin. 37 no 1,101-102 '61

INFINITE
Infinity of the universe [with summary in English, p. 186]. G. I. Naan. Vop. filos. 15 no. 6:93-105 '61.

INFLORESCENCE
Proliferation of inflorescences of various plants in the light of the theory of stage development [with summary in English]. IU. G. Trinkler. Bot. zhur. 46 no. 6:765-779 Je '61.

INFLUENZA
(see also subdivision under Baku; Kiev; Stalinabad; Sverdlovsk)
Data for the evaluation of the effectiveness of antiinfluenza vaccination [with summary in English]. M A Zhogova, N G. Fortunatova. Zhur. mikrobiol. epid. i immun 32 no. 4 88-92 Ap '61.
Diseases of the nervous system following influenza. M. L. Zin'kov. Vrach. delo no. 4:86-90 Ap '61.
Histochemical analysis of polysaccharides in myocardial stroma in influenza. F. L. Leites. Arkh. pat. 23 no. 5: Arkh. pat. 23 no. 5:46-51 '61.
Influenza vaccines must be improved. Vop. virus. 6 no. 2:244 Mr-Ap '61.
Method for vaccination against influenza [with summary in English]. M. G. Gaidamaka. Vop. virus. 6 no. 2:186-189 Mr-Ap '61.
Pathoanatomical characteristics of influenza in adults; according to 1950 material. A. P. Avtsyn, T. G. Terekhova. Arkh. pat. 23 no. 4:3-14 '61
Producing the complement fixation reaction by the drip method in the serological diagnosis of influenza. V. F. Mukhin, V. S. Perepelkin. Lab. delo 7 no. 7:41-44 Jl '61.
Psychoses of influenzal etiology. I. B. Galant, M. P. Chernukhina, O. A. Denis'eva. Vrach. delo no. 4: 132-133 Ap '61.
Studies on the neutralizing activity of immune sera with relation to various types of influenzal and parainfluenzal Sendai viruses [with summary in English]. A. A. IAbrov. Vop. virus. 6 no. 2:181-185 Mr-Ap '61.

INFORMATION THEORY
Application of nonlinear filtering principles to the theory of the reception telegraph signals. V. Klezha. Radiotekhnika 16 no. 5:15-25 My '61.
Binary code for truth setups [with summary in English]. H. H. Liubchenko. Dop. AN URSR no. 5,604-607 '61.
Concerning the theory of optimum detection of compound signals in the presence of correlated interferences. V. F. Nesteruk. Radiotekh. i elektron. 6 no. 7: 1055-1062 Jl '61.
Generator of pulse batches. IU. A. Kosarev. Sbor. rab. po vop. elektromekh. no. 5:226-240 '61.
In regard to L. P. Kuklev and IU. P. Ozerskii's article "Comparison of two methods for decoding interval codes." I. M. Petrov, G. S. Tysiatskii. Radiotekh. i elektron. 6 no. 7:1211-1213 Jl '61.
Interval of the time correlation of signals and its connection with the power spectrum parameters. N. A. Zheleznov. Elektrosviaz' 15 no. 5:3-9 My '61.
Invariance conditions for linear systems with variable parameters [with summary in English]. O. I. Kukhtenko, B. M. Shuman. Dop. AN URSR no. 5:608-611 '61.
Markoff envelope nature of quasi-harmonic fluctuations. V. I. Tikhonov. Radiotekh. i elektron. 6 no. 7: 1082-1091 Jl '61.
Numerical and combinational method for coding information. V. I. Filippov. Sbor. rab. po vop. elektromekh. no. 5:215-226 '61.
Optimum reception of a narrow-band signal of unknown frequency in the presence of noise. R. L. Stratonovich. Radiotekh. i elektron. 6 no. 7:1063-1075 Jl '61.
Present-day trends in the development of dispatcher control systems using digital computers [with summary in English]. IA. A. Kupershmidt, V. S. Malov, I. M. Shenbrot. Avtom. i telem. 22 no. 7:954-960 Jl '61.
Problem concerning the design of complex devices for the transmission of information with centralized control. M. I. Lenin. Sbor. rab. po vop. elektromekh. no. 5:209-215 '61.
Problems concerning the statistics of automatic pattern reproduction using multiframe observation. A. E. Basharinov. Radiotekh. i elektron. 6 no. 7:1035-1040 Jl '61.
Reply to I. M. Petrov and G. S. Tysiatskii's letter. L. P. Kuklev, IU. P. Ozerskii. Radiotekh. i elektron. 6 no. 7:1213-1215 Jl '61.
Some problems of legal machine language [with summary in English] L I Kask Vest LGU 16 no. 11:135-138 '61.
Transient operating conditions in filling the memory of computers for statistical pattern reproduction. B. S. Fleishman. Radiotekh. i elektron. 6 no. 7. 1041-1048 Jl '61.
Use of impulse counters for measuring the self-correlation coefficient of the exceeding of the threshold level by a random signal. V. V. Vitet, K. V. Kul'kov. Radiotekhnika 16 no. 6:40-44 Je '61.

INFRARED RAYS
Infrared injection burners. V. Skvortsov. Pozh. delo 7 no. 6:25 Je '61.
Possibility of utilizing infrared techniques in ship handling on rivers. K. Oreshkin. Rech. transp 20 no. 6:55-56 Je '61

INFRARED RAYS—INDUSTRIAL APPLICATIONS
Core drying by infrared ray heaters. A. M. Levin, O. N. Briukhanov. Lit. proizv. no. 3:10 Mr '61.
Drying of foundry molds by infrared rays Mor. flot 21 no. 6:46 Je '61

INFUSORIA
Protistocide properties of phytoncides of the gossefoot Chenopodium botrys L B. D Stanchev, TS. Takeva Antibiotiki 5 no. 3:96 My-Je '60

INJECTIONS
Kymographic and electromagnetic registration of drops. V. S. Shashkov, V. V. Antipov, E. I. Kuznets. Farm. i toks. 24 no. 2:237-238 Mr-Ap '61.

INJECTIONS, ANATOMICAL
Fine injection of cerebral blood vessels in man and animals [with summary in English]. T. I. Bohdanova. Dop. AN URSR no. 4:531-533 '61.

INLAND NAVIGATION
(see also subdivision 'Navigation' under Kama River; Yenisey River)
Automatic control of the speed of river craft [with summary in English]. A. F. Chernysh. Avtomatyka no. 3:36-44 '61.
Effect of angular and cross currents on the handling of pusher barge trains. N Storozhev Rech. transp 20 no. 6:43-44 Je '61.
In preparation of the 22d Congress of the Communist Party of the Soviet Union Rech transp 20 no 6:2 of cover Je '61
Leslukov, V. A. [Theory and design of ships for inland navigation] Teoriia i ustroistvo sudov vnutrennogo plavaniia. Leningrad, Izd-vo "Rechnoi transport," Leningr. otd-nie, 1961. 371 p.
Pavlenko, G. E. [Regulation and automatic control of ship handling on rivers] O regulirovanii rezhimov i avtomatizatsii sudovozhdeniia na reliakh. Kiev, Izd-vo Akad. nauk USSR, 1961. 24 p.
Possibility of utilizing infrared techniques in ship handling on rivers. K. Oreshkin. Rech. transp 20 no. 6:55-56 Je '61.

INLAND NAVIGATION—BIBLIOGRAPHY see Bibliography—Inland navigation

INLAND WATER TRANSPORTATION
(see also subdivision under Germany, West; Perm Province)
Determining an optimum program for building a fleet. V. Savin. Rech. transp. 20 no. 6:20-21 Je '61.
Gorelolchenko, V. K., V. L. Lychkovskii, and IU. A. Reingol'dt. [Electrical equipment of ships and river transportation enterprises] Elektricheskoe oborudovanie sudov i predpriiatii rechnogo transporta. Leningrad, Izd-vo M-va rechnogo flota SSSR, 1960. 520 p.
In the Collegium of the Ministry of the River Fleet. Rech. transp. 20 no. 6:51-52 Je '61.
Let us be ready to greet the 22d Congress of the Communist Party of the Soviet Union. G. Marisov. Rech. transp. 20 no. 6:30 Je '61.
Ways of improving the economic indices of river transportation operations. A. Gordeev, A. Denis'ev. Rech. transp. 20 no. 6:5-7 Je '61.

INLAND WATER TRANSPORTATION—ACCOUNTING see subdivision under Kama River

INLAND WATER TRANSPORTATION—EMPLOYEES
Establishing criteria for procedures in assigning river fleet enterprises and organizations as well as river fleet vessels to managerial engineers', technicians' and command personnel wage groups. Biul. Gos. kom. po vop. truda i zar. platy no. 1:15-23 '61.
Full utilization of hidden potentialities. I. Denisov. Rech. transp. 20 no. 6:10-11 Je '61.
Wage system for river transportation workers. Biul. Gos. kom po vop. truda i zar platy no. 1:3-14 '61.
Working time and rest periods for navigation crews of river vessels. Biul. Gos kom. po vop. truda i zar. platy no. 1:73-77 '61.

INLAND WATER TRANSPORTATION—EQUIPMENT AND SUPPLIES

Improve the organization of material and equipment supplies V. Vinogradov Rech. transp 20 no 6:8-9 Je '61.

Improving methods of planning the needs of the merchant fleet D Shustrov Rech. transp 20 no 6:13-14 Je '61.

INLAND WATER TRANSPORTATION—SOCIETIES, ETC.

Reports and elections of the leading members of the Scientific Technical Society for Water Transportation. Mor. flot 21 no. 2:37 F '61.

INLAND WATER TRANSPORTATION—STATISTICS

Sipovskaia, I. V. [Statistics of river transportation] Statistika rechnogo transporta, Izd. 2., perer. Leningrad, Leningr. otd-nie, 1961. 343 p.

INNER MONGOLIA see Mongolia, Inner

INSCRIPTIONS, TURKISH (OLD)

Morphological characteristics of noun stems in the language of the Tonikuk monument G. Aidarov. Izv AN Kazakh. SSR. Ser. filol. i isk. no 3 35-41 '60

INSECTICIDES

(see also subdivision under China; Germany, East)

Effect of chemical treatment on intraspecific relationships in Melolontha hippocastani F. V. M. Berezina. Ent. oboz. 40 no. 2:253-258 '61.

Experimental data on changes in the body following the use of the insecticide and fungicide, mercuran. V. E. Balashov. Vrach. delo no. 4:115-119 Ap '61.

Insecticidal properties of dimethyldichlorovinylphosphate (DDVP) [with summary in English] V. I Vashkov, E. V Shneider Zhur. mikrobiol epid i immun. 32 no 4 130-135 Ap '61.

"Poisons used in controlling storers and transmitters of especially dangerous infections" by V. P. Kozakevich, I. V Domaradskii, E. E. Bakbrakh. Reviewed by V. P Smirnov. Zhur mikrobiol epid i immun 31 no 12 128 D '60.

Preparation and use of insecticidal lacquers and paints Report No 2 Insecticidal paints containing dieldrin and aldrin. D F. IAzikov. Zhur. mikrobiol. epid i immun. 32 no. 4 102-108 Ap '61

Structure and parasiticidal action of isomeric chlorine derivatives of 9-(5-diethylamine-2-pentyl)-aminoneridine. V I. Bivziukov, V P. Shtuchna Farmatsev. zhur. 16 no 3 12-15 '61.

Use of chlorophos insecticide paper in the control of houseflies in Mytishchi during 1959 T. A. Bolotova Zhur mikrobiol epid i immun 32 no. 6 123-124 My '61

Using aerosols in the control of plant diseases and pests. G. Korotkikh. Tekh. v sel'khoz. 21 no. 6:19-22 Je '61.

INSECTICIDES—STORAGE

Storage of insecticides and fungicides. P. V. Zaring. Zashch. rast. ot vred. i bol. 5 no. 1:53 Ja '60.

INSECTICIDES—TOXICOLOGY

Toxicological characteristics of a new insecticide mercuran [with summary in English]. V. E. Balashov. Gig. i san. 26 no. 1 40-44 Ja '61.

INSECTIVORES AS CARRIERS OF DISEASE

Epizootiology of leptospirosis among insectivores [with summary in English]. E I. Koronberg, L. P Semenova. Zool. zhur. 40 no. 6:942-945 Je '61

INSECTS—DISEASES

Effect of supraoptimal temperatures on the appearance of nuclear polyhedrosis in certain insects [with summary in English]. A. E. Karpov. Vop. virus. 6 no. 2:223-226 Mr-Ap '61.

INSECTS—HABITS AND BEHAVIOR

"Life and habits of insects" by Remy Chauvin. Reviewed by A. M. Emme Biul. MOIP. Otd. biol. 66 no 2:155-157 Mr-Ap '61.

INSECTS—MICROBIOLOGY

Case of isolation of S typhi from dead Platysma vulgare V. P Blokhov, V. F. Mukhin. Zhur mikrobiol. epid. i immun. 32 no 5.118-119 My '61

INSECTS, INJURIOUS AND BENEFICIAL see subdivision under Baikal Lake region; Kirghizistan; Siberia, Eastern

INSECTS, INJURIOUS AND BENEFICIAL—BIOLOGICAL CONTROL

Feeding and economic importance of the rook (Corvus frugilegus L.) in Belgorod Province, R. S. F. S. R. [with summary in English]. IU. K. Eigelis. Zool. zhur. 40 no. 6:895-899 Je '61.

INSECTS, MARKING OF

Apparatus for tagging arthropods by spraying them with radioactive isotopes [with summary in English]. G. D. Khudadov. Biul. MOIP. Otd. biol. 66 no. 3:40-50 My-Je '61.

INSTRUMENT INDUSTRY

(see also subdivision under Ukraine)

Rabinovich, A. N. [Over-all mechanization and automation of work processes in machinery and instrument manufacturing] Kompleksnaia mekhanizatsiia i avtomatizatsiia proizvodstvennykh protsessov v mashinostroenii i priborostroenii. Kiev. Gos. izd-vo tekhn. lit-ry USSR, 1961. 535 p.

INSTRUMENT MANUFACTURE—PERIODICALS

Results of readers' conferences Priborostroenie no. 7: 30-31 Jl '61

INSTRUMENTS

Articles from periodicals. Priborostroenie no. 7-32 and 3 of cover Jl '61.

New instruments Mekh i avtom proizv 15 no 6-8, 9, 11, 16, 21, 22 Je '61

INSTRUMENTS—BIBLIOGRAPHY see Bibliography—Instruments

INSULATING MATERIALS

Asbestos silicate insulating articles. I. Z. Volchek. Stroi mat. 7 no 5:9-13 My '61

Glass cloth for heat insulation. K. Lesin. Na stroi. Ros. no. 4:32 Ap '61.

Rice hulls as building material. IU. Vernikovskii. Sel'. stroi. 15 no. 4:17 Ap '61.

INSULATING OILS

Apiov, I. S., and M. V. Khomiakov. [Maintenance of insulating oil] Ukhod za izoliatsionnym maslom. Moskva, Gos. energ. izd-vo, 1960. 70 p. (Biblioteka elektromontera, no. 27)

Evaluation of the performance characteristics of transformer oils R A Lipshtein, K I Ivanov, A IA. Mikhel'son Khim i tekh topl i masel 6 no 7-63-70 Jl '61

Study of the impulse electric strength of transformer oil and discharge voltages on the surface of certain dielectrics in transformer oil N. I Vorob'ev. Izv vys ucheb. zav., energ. 4 no. 5 25-31 My '61.

INSULATION (HEAT)

Heat insulation operations in the construction of a cold storage plant. F. T. Smirnov. Mont. i spets. rab. v stroi. 23 no. 5-27-29 My '61.

INSULIN

Dynamics of pentoses and hexoses in the blood of animals following administration of glucose against a background of insulin action [with summary in English]. I. D. Holovats'kyi Ukr biokhim. zhur. 33 no. 3:396-401 '61.

Immunological reactivity in patients with schizophrenia during treatment with insulin and neuroleptic drugs [with summary in French]. L. S. Kulikov. Zhur. nevr. i psikh. 61 no. 2 201-207 '61.

Insulin inactivating properties of denervated and tenotomized muscles [with summary in English]. G. S. Sheves. Ukr. biokhim. zhur. 33 no. 3 332-339 '61.

INSURANCE, SOCIAL

For improving the social insurance Vsem. prof dvizh no. 5 21 My '61

INTEGRAL EQUATIONS

Deducing the quantum analog of a kinetic equation for a strong magnetic field. M. I Klinger. Fiz. tver. tela 3 no. 5-1354-1365 My '61.

Designing solutions of nonlinear integral equations in the form of Loran series. P. P. Rybin. Sib. mat. zhur. 2 no. 1:127-128 Ja-F '61.

Integral equation for KN-scattering [with summary in English] IU Vol'f, V TSellner Zhur. eksp. i teor fiz. 40 no 1 163-169 Ja '61

Integral equation for pion-nucleon scattering at low energies [with summary in English]. Chzhu Khun-fuan' (Chu Hung-yuan). Zhur. eksp. i teor. fiz. 40 no. 1 227-230 Ja '61.

Methods for solving summative equations. A. L. Fel'dshtein. Radiotekhnika 16 no. 6-38-39 Je '61.

INTEGRALS

Asymptotic values of contour integrals. M. V. Fedoriuk. Usp. mat. nauk 16 no. 1:171-176 Ja-F '61.

Calculating singular integrals with a Cauchy-type nucleus by means of some special functions. G. N. Pykhteev. Inzh. sbor. 31 240-253 '61.

Effective method for determining the constant of the Christoffel-Schwarz integral for an arbitrary quadrangle [with summary in English]. P. F. Fil'chakov. Dop. AN URSR no. 4:409-414 '61.

Relation for integrals of moduli of trigonometric polynomials V F Vlasov, A. F. Timan Dokl. AN SSSR 138 no 6:1263-1265 Je '61.

Representation of the solution of Cauchy's problem for a parabolic system in the form of a Wiener integral I. M. Koval'chik. Dokl AN SSSR 138 no 6:1284-1286 Je '61.

INTERCOMMUNICATION SYSTEMS

New design of revolving joints and mouthpieces for intercommunication systems. M. M. Gutman. Sudostroenie 27 no. 6:24-26 Je '61.

INTERCONNECTED ELECTRIC UTILITY SYSTEMS

(see also subdivision under Siberia)

Selection of the established power of groups of hydroelectric power stations in consolidated electric power systems D. S Shchavelev. Izv vys ucheb zav., energ 4 no 5 97-101 My '61

INTEREST (PSYCHOLOGY)

Influence of an interesting task on motor and vegetative manifestations of the mobility of the nervous processes [with summary in English]. V S Merlin. Vop psikhol. 7 no 3.81-92 My-Je '61.

INTERFEROMETER

Michelson interferometer as an instrument for lecture demonstrations. T. S. Velichkina, O. A. Shustin, N. A IAkovlev Usp fiz. nauk 74 no. 2 381-383 Je '61.

INTERFEROMETER—TESTING

Russia (1923 U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instructions 103-53 and 104-53 for checking glass-plate interferometers and plane-parallel glass plates] Instruktsii 103-53, 104-53 po poverke stekliannykh plastin dlia interferentsionnykh izmerenii i ploskoparallel'nykh stekliannykh plastin. Izd. ofitsial'noe. Moskva, 1954. 22 p.

INTERFEROMETRY

Investigating the effect of the aperture of a microinterferometer on the precision of measuring the height of triangular wrinkles I I Dukhopel. Izm. tekh. no. 7 3-6 Jl '61.

Use of interference microscopes in biology. A. N Zakhar'evskii, A F Kuznetsova. TSitologiia 3 no 1: 245-253 My-Je '61

INTERNAL FIXATION IN FRACTURES

Callus formation in fractures of the long bones treated by means of intramedullary nailing. V. A. Sorokina. Med. zhur. Uzb. no. 1.34-36 Ja '61.

Intramedullary nailing of fragments in fractures of both bones of the forearm. F. M. Golub. Med. zhur. Uzb. no. 1:31-33 Ja '61.

Osteosynthesis with a metallic needle in fracture of the forearm L IA Grigor'ev. Zdrav Bel 7 no 5 51-53 My '61

THE INTERNATIONAL

A review of new documents relating to the history of the First International I P Danilova, N IU Kolpinskii, F G. Riabov Vop ist KPSS 5 no 3.170-178 '61.

INTERNATIONAL COMPETITION see Competition, International

INTERNATIONAL GEOPHYSICAL YEAR, 1957-1958

About those on watch ("Land watch" by Artem Anfinogenov. Reviewed by Vl. Mikhailov). Vokrug sveta no. 6:59 Je '61.

INTERNATIONAL LABOR ORGANIZATION

What hinders the fruitful work of the International Labor Organization? V Glebov. Sots trud 6 no 5 20-29 My '61

INTERNATIONAL LAW

The Fourth Session of the Soviet International Law Association. B. M. Sov gos. i pravo 31 no. 7.128-132 Jl '61.

International law today. E. Korovin. Mezhdunar. zhizn' 8 no. 7 22-28 Jl '61

The right to rob; a reply to Walter Lippmann. I. Sotnikov. Nov. vrem. 19 no. 30:22-23 Jl '61.

INTERNATIONAL RELATIONS—BIBLIOGRAPHY see Bibliography—International relations

INTERNATIONALISM

Internationalism is our banner L. Solov'ev. Sov profsoiuzy 17 no. 12 1-4 Je '61

INTERPLANETARY VOYAGES

Gil'zin, K. A. [Travel to distant worlds] Puteshestvie k dalekim miram. Moskva, Gos. izd-vo detskoi lit-ry M-va prosv. RSFSR, 1960. 319 p. (Shkol'naia biblioteka)

INTERVERTEBRAL DISK

"Intervertebral disks" by A. D. Dinaburg, A. E. Rubasheva. Reviewed by IA. IU. Popelianskii. Zhur. nevr. i psikh. 61 no. 2:311-312 '61.

INTESTINES

Absorption of nutrients in the small intestine during motor activities in animals [with summary in English]. E. G. Morgun. Vop. pit. 20 no. 2:22-28 Mr-Ap '61.

Current concepts on intestinal absorption of vitamin B12. D. I. Gol'dberg, V. S. Lavrova. Pat. fiziol. i eksp. terap. 5 no. 1:3-13 Ja-F '61.

INTESTINES—CANCER

Primary cancer of the small intestine. I. K. Karaev, T. M. Kariev. Med. zhur. Uzb. no. 1:66 Ja '61.

INTESTINES—DISEASES

Acecilidine, a new preparation for the treatment of postoperative atony of the intestines and urinary bladder. K. A. Zaitseva, M. D. Mashkovskii. Med. prom. 15 no. 5:42-44 My '61.

INTESTINES – DISEASES (Continued)

Clinical aspects and treatment of colienteritis in young children. M. N. Bessonova. Zdrav. Bel. 7 no. 5 56-58 My '61.

Culturability of pathogenic serotypes of Escherichia coli in children with intestinal disorders. N. V. Pankov, M. G. Fasnev. Zdrav. Turk. 5 no. 1/5-8 Ja-F '61.

Conference on problems in the control of intestinal infections. V. I. Serebrennikova, O. V. Shimanskii. Zhur. mikrobiol. epid. i immun. 32 no. 5 154-156 My '61.

Role of self-treatment among adult patients with acute intestinal disorders. L. I. Moteiuna. Zhur. mikrobiol. epid. i immun. 32 no. 2 122-124 F '61.

Some clinical forms of enteritis and colitis with a grave course. I. F. Lorie. Vrach. delo no. 4 45-51 Ap '61.

INTESTINES—INTUSSUSCEPTION

Retrograde invagination of the cecum. Ш. М. Serpukhovitin. Zdravookhranenie 2 no. 4 53-61 Jl-Ag '59.

INTESTINES—MICROBIOLOGY

Comparative study of protein fractions in complete antigens of Enterobacteriaceae [with summary in English]. V. D. Timakov, A. G. Skavronskaia. Zhur. mikrobiol. epid. i immun. 32 no. 3 3-9 Mr '61.

Flocculation reaction as a method for determination of complete antigens of microbes of the intestinal group in the NIISI polyvaccine [with summary in English]. V. A. Krestovetkova, V. I. Zhurbina. Zhur. mikrobiol. epid. i immun. 31 no. 8 96-101 Ag '60.

Penicillin protoplasts in Enterobacteriaceae [with summary in English]. D. G. Kudlai, N. N. Solov'ev, S. V. Prozorovskii. Zhur. mikrobiol. epid. i immun. 32 no. 3 22-28 Mr '61.

Studies on the Vi-antigen of the bacteria of the enteric group. Report No. 1; Specific substance in the Vi-antigen in bacteria of the enteric group [with summary in English]. E. A. Petrosian, V. P. Zvertsogorodskaia. Zhur. mikrobiol. epid. i immun. 31 no. 11 112-119 N '60.

Uselessness of Strogov's medium as a test object in differentiating saprophytic from pathogenic bacteria of the enteric group. V. P. Blokov, N. N. Gnuchev. Zhur. mikrobiol. epid. i immun. 32 no. 3 68-70 Mr '61.

INTESTINES—OBSTRUCTIONS

Acute intestinal obstruction. D. I. Mitsura. Zdrav. Bel. 7 no. 5 30-32 My '61.

INTRATRACHEAL ANESTHESIA

Modern intratracheal anesthesia in otolaryngology. N. M. Smirnov. Zhur. ush., nos., i gorl. bol. 21 no. 3 68-76 My-Je '61.

INTUITION

An attempt to defend intuitionalism in ethics ("Rightness and goodness; a study of contemporary ethical theory" [in English] by Oliver A. Jonson. Reviewed by O. G. Drobnitskii). Vop. filos. 15 no. 6 173-177 '61.

INVENTIONS

It is courageous to abandon an idea. I. Evgen'ev, D. Ponomarenko. Izobr. i rats. no. 6 36-38 Je '61.

INVERTEBRATES, FOSSIL

New data on the traces of invertebrates (paleotechnology). R. F. Gekker. Biul. MOIP. Otd. geol. 34 no. 5 160 S-O '59.

IODIDES

Catalytic oxidation of iodide with hydrogen peroxide in the presence of zirconium salts. K. B. Iatsimirskii, L. P. Ratzman. Zhur. neorg. khim. 6 no. 3 593-598 Mr '61.

IODINE

Amount of iodine in local food products, water sources, and soils of the Chu Valley in connection with the study of the etiology of endemic goiter. U. B. Baiznkov. Izv. AN Kir. SSR Ser. biol. nauk 2 no. 6 23-26 '60.

Concentration and distribution of iodine and bromine in subterranean waters of the Azov-Kuban fault. N. V. Ovchinnikov. Biul. MOIP. Otd. geol. 34 no. 5 159-160 S-O '59.

IODINE—ANALYSIS

Method for detecting iodine in biological material. P. P. Glatsintova. Izv. AN Kir. SSR. Ser. biol. nauk 2 no. 6 95-99 '60.

IODINE—ISOTOPES

Adrenal cortex function in thyrotoxicosis patients before and following treatment with radioactive iodine. Sh. Sh. Shamakhmudov. Med. zhur. Uzb. no. 5 31-34 My '61.

Fate of I^{131}-labeled antigens of dysenterial bacilli after oral administration in animals [with summary in English]. V. V. Grechko, T. S. Sedova. Zhur. mikrobiol. epid. i immun. 31 no. 11 117-122 N '60.

Function of the accumulation $M = f(t)$ in diffusion and biosynthesis. N. A. Smol'kov. Biofizika 6 no. 3 284-287 '61.

Thyroid function in healthy subjects and in residents of Tashkent with goiter as revealed by data on the absorption of radioactive iodine. R. K. Islambekov. Med. zhur. Uzb. no. 5 20-23 My '61.

Thyroid gland and radioactive iodine. IA. Kh. Turakulov. Med. zhur. Uzb. no. 6 11-16 My '61.

IODINE—THERAPEUTIC USE

Results of iodine prophylaxis in the endemic enlargement of the thyroid gland in Tashkent school children. D. O. Obilitarov. Med. zhur. Uzb. no. 5 23-25 My '61.

IODINE METABOLISM

Iodine, copper and manganese content of the blood, liver and kidneys in experimental hypothyroidism [with summary in English]. T. S. Samofal. Vop. med. khim. 7 no. 2 163-166 Mr-Ap '61.

IODINE NUMBER

New method for determining the iodine number. A. I. Markman, T. V. Chernenko. Masl.-zhir. prom. 27 no. 6 8-9 Je '61.

ODOMETHYLATION

Iodomethylates of some cyclic and aliphatic sulfides. R. D. Obolentsev, V. G. Bukhanov, N. K. Faizullina. Khim., sera i azotorg. soed., v neft. i nefteprod. 3:67-73 '60.

ION BEAMS

Ion-ionic emission from single crystals of sodium chloride subjected to bombardment by lithium ions. G. M. Batanov. Fiz. tver. tela 3 no. 2 642-650 F '61.

Ionic-optical method for producing membranes with tiny apertures. L. B. Rozenfel'd, A. I. Makarov. Izv. AN SSSR. Ser. fiz. 25 no. 6 754-756 Je '61.

UIT-3 installation for the corrosion of metals, semiconductors, and dielectrics by ion bombardment. G. V. Spivak, F. F. Kushnir, V. E. Urasova. Izv. AN SSSR. Ser. fiz. 25 no. 6 707-712 Je '61.

ION EXCHANGE

Regeneration of ion exchangers. P. V. Golovin and others. Sakh. prom. 35 no. 6 13-16 Je '61.

Thermal stability of strongly acidic sulfonated cationites. Part 3. Effect of preheating KU-2 and KU-1 hydrogen exchanging resins on the kinetics of ion exchange with solutions of organic and inorganic electrolytes. N. G. Polianskii. Izv. vys. ucheb. zav., khim. i khim. tekh. 3 no. 2 276-284 '60.

Two-temperature method of separation of ions in a fixed ion-exchanger bed. B. M. Andreev, G. K. Borzskov, S. G. Katal'nikov. Khim. prom. no. 6 389-393 Je '61.

ION EXCHANGE RESINS

Sorption of scandium by ionites from solutions of nitric, sulfuric, hydrochloric, and perchloric acid. A. P. Samodelov. Izv. Sib. otd. AN SSSR no. 5 66-69 '61.

Suspension polymerization of the trivinyl ether of triethanolamine. Synthesis of a new anion exchanger [with summary in English]. M. F. Shostakovskii and others. Vysokom. soed. 3 no. 6 908-911 Je '61.

Use of anion exchangers for the regeneration of cyanide from complex salts. I. N. Plaksin, A. I. Sinel'nikova, A. Iu. Bellin. Dokl. AN SSSR 138 no. 6 1399-1401 Je '61.

IONIC CRYSTALS

Electron spin resonance in F-centers. L. A. Shul'man. Ukr. fiz. zhur. 5 no. 1 117-119 Ja-F '60.

Investigating the field of crystal ceramics. Part 2. Effect of pressure from all sides on the kinetics of the healing of macrodefects in ionic crystals. IA. E. Geguzin, L. M. Poliakov. Fiz. tver. tela 3 no. 2 520-527 F '61.

State of the theory of polarization of ideal ionic and valency crystals. K. B. Tolpygo. Usp. fiz. nauk 74 no. 2 268-288 Je '61.

IONIZATION

Electron distribution over energies in the photoionization of aromatic amines in the gaseous phase. F. I. Vilesov, B. L. Kurbatov, A. N. Terenin. Dokl. AN SSSR 138 no. 6 1329-1332 Je '61.

IONIZATION CHAMBERS

Active electron spectra in air-equivalent ionization chambers. K. K. Aglintsev, V. V. Mitrofanov, V. V. Smirnov. Trudy Radiev. inst. AN SSSR 9:253-257 '59.

Effect of alpha-particle reflection during measurements in a 2π solid angle chamber. L. Z. Malkin, K. A. Petrzhak, V. A. Iakovlev. Trudy Radiev. inst. AN SSSR 9:207-213 '59.

Ionization chambers for α-particle counting. S. S. Bugorkov and others. Trudy Radiev. inst. AN SSSR 9:214-228 '59.

Wall effect in ionization chambers. M. A. Bak, K. A. Petrzhak, Iu. F. Romanov. Trudy Radiev. inst. AN SSSR 9:192-206 '59.

IONOSPHERIC RADIO WAVE PROPAGATION

Boomerang radio beam; Kabanov effect. A. N. Kazantsev. IUn. tekh. 5 no. 3 40-42 Mr '61.

Television across thousands of kilometers. F. Chastnov. IUn. tekh. 5 no. 3 43-47 Mr '61.

IONS

Bond energy in molecules of halides of group II, and the ionic model. K. S. Krasnov. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 1 38-44 '61.

Effect of the crystal field on the size of ion refractions. S. S. Batsanov, L. N. Mazalov. Izv. Sib. otd. AN SSSR no. 5 46-50 '61.

Electrical transfer of gold in solid gold. P. P. Kuz'menko, V. S. Brom. Ukr. fiz. zhur. 6 no. 1 140-142 Ja-F '61.

Electronic spectra of molecules and ions in crystals. Part 1. Molecular crystals [translated from the English]. D. S. McClure. Usp. fiz. nauk 74 no. 1 66-124 My '61.

Formation of slow negative ions in single collisions between fast hydrogen and oxygen negative ions and gas molecules [with summary in English]. IA. M. Fogel', V. G. Koval', IU. Z. Levchenko. Zhur. eksp. i teor. fiz. 40 no. 1 13-22 Ja '61.

Study of electrical transfer in steels by the method of inert markers [with summary in English]. S. D. Herts-riken and others. Ukr. fiz. zhur. 6 no. 1 129-135 Ja-F '61.

IONS—MIGRATION AND VELOCITY

Demonstration of the movement of ions and electrolysis. A. V. Postnikov. Khim. v shkole 16 no. 2 62-63 Mr-Ap '61.

Electric transfer in liquid alloys of the bismuth - tin system. D. F. Belashchenko. Izv. vys. ucheb. zav., khim. i khim. tekh. 3 no. 2 285-287 '60.

IRAN—ECONOMIC CONDITIONS

Iran through the eyes of western journalists. Az. i Afr. seg. no. 3, 11 Mr '61.

IRAN—FAMILY

Family in the Sassanid state. A. Suleimani. Izv. AN Azerb. SSR. Ser. obshchestv. nauk no. 3 65-72 '61.

IRAN—FOREIGN RELATIONS—RUSSIA

Russo-Persian diplomatic relations after the Peace Treaty of Gulistan, 1813-1826. L. S. Semenov. Uch. zap. LGU no. 270 83-117 '59.

IRAN—HISTORY

Mohammad, Kāzem. [Nāder-Shah's campaign against India; excerpts from Ta'rikh-i ālamāra-ii-Nādiri] Pokhod Nādir-shākha v Indiiu, izvlechenie iz Ta'rikh-i 'Alamāra-ii nādiri. Moskva, Izd-vo vostochnoi lit-ry 1961. 205 p. (Pamiatniki literatury narodov Vostoka. Perevody, no. 1)

IRAN—MILITARY ASSISTANCE, AMERICAN

U. S. military mission in Iran and the national interests of the Iranian people. L. Alekseev. Mezhdunar. zhizn' 8 no. 7 150-154 Jl '61.

IRAN—POLITICS AND GOVERNMENT

Iran is seething. P. Voloshin, G. Miiskii. Kommunist 38 no. 11 156-160 Jl '61.

Is this the whole truth about Iran? IU. Bochkarev. Nov. vrem. 19 no. 29 14-15 Jl '61.

IRAQ

Dement'ev, I. A. [The Republic of Iraq] Irakskaia respublika. Moskva, Gos. izd-vo geogr. lit-ry, 1961. 47 p. (U karty mira)

IRAQ—AGRICULTURE

Agriculture and agrarian relations in Iraq. V. M. Obukhovskii. Dokl. TSKhA no. 58 407-422 '60.

IRAQ—PRESS

Fate of the Iraqi democratic press. P. Donskoi. Az. i Afr. seg. no. 3 52 Mr '61.

IRELAND—DESCRIPTION AND TRAVEL

Ireland in the great world. L. Sedin. Nov. vrem. 19 no. 27 10-12 Jl '61.

IRKUTSK—CONSTRUCTION INDUSTRY

Specialization in construction organizations. B. Brodskii. Ekon. stroi. no. 5 50-52 My '61.

IRKUTSK—GRAIN ELEVATORS

Increased capacity of the grain elevator of the Irkutsk Milling Combine. No. 5. A. Feinblit. Muk.-elev. prom. 27 no. 6 7-8 Je '61.

IRKUTSK—MEDICINE—STUDY AND TEACHING

Organization of practical work for students in the fifth course of a medical school. K. R. Sedov. Zdrav. Ros. Feder. 5 no. 6 32-34 Je '61.

IRKUTSK PROVINCE—AGRICULTURE

Komarovskaia, V. P. [Agricultural development and specialization in the Angara-Ilim subzone of Irkutsk Province; materials on the agricultural zoning of Irkutsk Province] Razvitie i spetsializatsiia sel'skogo khoziaistva Angaro-Ilimskoi podzony Irkutskoi oblasti, materialy po sel'skokhoziaistvennomu raionirovaniiu Irkutskoi oblasti. Pod red. V. N. Sherstobоeva. Chita, Akad. nauk SSSR, No. 3, 1958. 164 p.

IRKUTSK PROVINCE—BORINGS

Results of key drilling in the Irkutsk amphitheater and western Transbaikalia. Z. A. Kondrat'eva. Trudy VNIGRI no. 163 3-71 '60.

IRKUTSK PROVINCE—CONSTRUCTION INDUSTRY

In the brigades of communist labor the man of the new society is being trained. IA. Tarasenko. Ekon. stroi. no. 5 20-22 My '61.

IRKUTSK PROVINCE—ECONOMIC CONDITIONS
Vasil'ev, G. V., and E. G. Bando. [Siberia is calling] Sibir' zovet. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1959. 154 p.

IRKUTSK PROVINCE—HYDROLOGY—RESEARCH
Final conferences at the Irkutsk Hydrometeorological Observatory. M. Sh. Furman. Meteor. i gidrol no. 7: 58 Jl '61.

IRKUTSK PROVINCE—LUMBERING
Improve work organization in the lumber industry. M. P. Voinov. Les. prom. 30 no. 6 28-29 Je '61

IRKUTSK PROVINCE—METEOROLOGICAL RESEARCH
Final conferences at the Irkutsk Hydrometeorological Observatory. M. Sh. Furman. Meteor. i gidrol. no. 7 58 Jl '61.

IRKUTSK PROVINCE—PHYSICAL GEOGRAPHY
Vasil'ev, G. V., and E. G. Bando. [Siberia is calling] Sibir' zovet. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1959. 154 p.

IRKUTSK PROVINCE—PROSPECTING
Mineral wealth in the service of the motherland. M. Arbatskii. Komsom. zhizn' no. 2:16-18 Ja '60.

IRKUTSK PROVINCE—SCHOOLS
From the school history of Irkutsk Province. A. P. Panchukov. Trudy Kiakht. muz. kraeved. 17 no. 1:36-50 '59.

IRKUTSK PROVINCE—TRANSPORTATION
Conference on the development of the transportation system in Irkutsk Province. A. Vorob'ev. Izv. Sib. otd. AN SSSR no. 6:131-132 '61

IRKUTSK PROVINCE—VEGETABLES—DISEASES AND PESTS
Tiger moth Arctia flavia Fuessly, a pest of vegetable transplants in Irkutsk Province. N. G. Dzholova. Zashch. rast. ot vred. i bol. 5 no. 1:50 Ja '60.

IRKUTSK REGION—SEISMOLOGY—OBSERVATIONS
Observations of L_g waves in Irkutsk. K. V. Pshennikov. Geol. i geofiz. no. 5 87-90 '61.

IRON
Effect of iron on the growth and virulence of plague microbes [with summary in English]. I. A. Avanian, N. E. Gubina. Zhur. mikrobiol. epid. i immun. 32 no. 3: 92-97 Mr '61.
Effect of the structure of compounds on the kinetics and direction of their catalytic hydrogenation. Part 2: Hydrogenation kinetics of furan, thiophene, and ferrocene on rhodium. A. A. Balandin, M. L. Khidekel', V. V. Patrikeev. Zhur. ob. khim. 31 no. 6:1876-1882 Je '61
Inhibiting effect of uranyl ion on the radiation-induced oxidation of divalent iron. V. G. Firsov. Dokl. AN SSSR 138 no. 5:1155-1157 Je '61.
Modifications of beryllium and iron in films condensed on cold backings [with summary in English]. B. G. Lazarev, E. E. Semenenko, A. I. Sudovtsov. Zhur. eksp. i teor. fiz. 40 no. 1:105-108 Ja '61.
Removal of lead-tin coatings from lead-plated iron. V. P. Kochergin. Sh. I. Belinis. Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no. 2:337-340 '60.
Separation of iron from cobalt by means of cupferron in soil analysis [with summary in English]. L. T. Ikramov. Zhur. anal. khim. 16 no. 3:368-369 My-Je '61.
Ternary system bismuth - iron - sulfur (on the theory of the precipitation smelting of bismuth). G. G. Urazov and others. Zhur. neorg. khim. 5 no. 3:630-636 Mr '60.
Use of fatty acids of the C_{17} - C_{21} fraction for the separation of iron and copper from cobalt [with summary in English]. S. E. Kreimer and others. Zhur. anal. khim. 16 no. 3:303-307 My-Je '61.

IRON—ANALYSIS
Ash as a source of iron. S. A. Gordon. Nauch. trudy MGI no. 27:137-143 '59.

IRON—ELECTRIC PROPERTIES
Shape of conductivity bands in iron. I. IA. Nikiforov. Fiz. met. i metalloved. 11 no. 6:927-934 Je '61.

IRON—HYDROGEN CONTENT
Mechanical properties at room temperature of Armco iron and some steels saturated by hydrogen at high temperatures. L. A. Glikman and others. Khim. sera i azotorg. soed. v neft. neftepred. 3:431-438 '60.
Surface activity of hydrogen in liquid iron. B. A. Baum, K. T. Kurochkin, P. V. Umrikhin. Fiz. met. i metalloved. 11 no. 6 960-961 Je '61.

IRON—ISOTOPES
Isotopic iron exchange in a two-phase system solid metal - liquid slag. Khan' Chi-iun [Han Ch'ih-yung], V. A. Grigorian, A. A. Zhukhovitskii. Izv. vys. ucheb. zav.; chern. met. 4 no. 5:5-10 '61.

IRON—METALLOGRAPHY
Solubility of carbon in ferrites. V. I. Psarev. Fiz. met. i metalloved. 11 no. 6:944-945 Je '61.

IRON—METALLURGY
Aerodynamics of a fluidized bed in reactors for direct reduction of iron [with summary in English]. O. S. Nychyporenko. Dop. AN URSR no. 4 495-500 '61.
Calculating heat transfer processes related to the reduction of iron from ore in a fluidized bed [with summary in English]. O. S. Nychyporenko. Dop. AN URSR no. 6. 749-752 '61.
Economic efficiency of the over-all utilization of Kerch iron ores. M. Kuhushev, M. Seredenko. Ekon. Rad. Ukr. no. 3:77-84 My-Je '61.
Shalimova, N. I. [From ore to rolled stock] Ot rudy do prokata. Moskva, Izd-vo "Znanie," 1960. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Politekhnicheskaia bibliotechka dlia molodezhi)
Some characteristics of the reduction of the stationary iron ore layer by gases. V. G. Manchinskii. Izv. vys. ucheb. zav., chern. met. 4 no. 6:11-19 '61

IRON ALLOYS
Khomutov, A. I. [Steel alloys and iron alloys] Legirovannye stali i splavy. Moskva, Izd-vo "Znanie," 1961. 46 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 4, Tekhnika, no. 10)
Polarization of some radioactive isotopes in alloys containing iron [with summary in English]. A. V. Kogan and others. Zhur. eksp. i teor. fiz. 40 no. 1 109-113 Ja '61

IRON-ALUMINUM ALLOYS
Maximum solubility in binary systems [from "Aluminium," no. 12, 1960]. V. N. Geminov. Metalloved. i term. ob. met. no. 7:61-62 Jl '61.
Studying the state of atoms in iron-aluminum solid solutions by means of the electric transfer method [with summary in English]. S. D. Hertsriken and others. Ukr. fiz. zhur. 5 no. 1 79-87 Ma-F '60.
Use of high ferroaluminum for the deoxidation of killed steel [with summary in English]. I. N. Lad'ianov. Stal' 21 no. 3. 222-225 Mr '61.

IRON AND STEELWORKERS see subdivision under Kuznetsk Basin

IRON-BORON-ALUMINUM ALLOYS
Improving the technology of making iron-boron-aluminum alloys. P. F. Snezhko, I. V. Lugovtsev, P. F. Snezhko. Stal' 21 no. 3.239 Mr '61.

IRON CHLORIDE
Extraction of ferric chloride with diisobutyl sulfide. V. M. Vdovenko, A. S. Krivokhatskii. Zhur. neorg. khim. 5 no. 3:745-746 Mr '60.

IRON-CHROMIUM ALLOYS—ELECTRIC PROPERTIES
Investigation of charge transport in some alloys with high electric resistance [with summary in English]. I. N. Frantsevych, I. I. Kovens'kyi. Dop. AN URSR no. 5 636-630 '61.

IRON-COBALT-PALLADIUM ALLOYS
Polymorphic $\alpha \rightleftarrows \gamma$ transition in iron alloys with cobalt and palladium. V. V. Kuprina, A. T. Grigor'ev. Izv. vys. ucheb. zav.; khim. i khim. tekh. 4 no. 1.7-10 '61.

IRON FOUNDING
Automatic equipment for the introduction of magnesium into liquid cast iron. I. A. Shapranov, V. B. Shablinskii, E. V. Petrova. Lit. proizv. no. 6:22-24 Je '61.
Making large cast iron parts in molds of sand and sodium silicate. M. S. Kagan. Lit. proizv. no. 6:12-13 Je '61.
Using tellurium to increase the wear resistance of cast iron disks on grain cleaning machines. S. M. Palestin. Lit. proizv. no. 6:43-44 Je '61.
Vats for the fusion of caustic soda. K. I. Vashchenko and others. Lit. proizv. no. 6:4-6 Je '61.

IRON FOUNDING—QUALITY CONTROL
Quality of the external surfaces of cast iron water pipes. B. D. Khakhalin, A. N. Smoliakov. Lit. proizv. no. 3:6-7 Mr '61.

IRON GROUP—SPECTRA
Origin of satellite $h\beta'$ in spectra of elements of the iron group. I. A. Ovsiannikova. Izv. Sib. otd. AN SSSR no. 6: 57-66 '61.

IRON HYDROXIDE
Coprecipitation of some anions with metal hydroxides. A. I. Novikov. Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no. 2:239-244 '60.
Investigating the conditions of coprecipitation of germanium with iron hydroxide. Kh. IA. Kuus. Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no. 2:235-238 '60.

IRON INDUSTRY
(see also subdivision under Dnepropetrovsk)
Sheftel', N. I. [Recent developments in ferrous metallurgical factories] Novoe na zavodakh chernoi metallurgii. Moskva, Izd-vo "Znanie," 1961. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 4, tekhnika, no. 9)

IRON INDUSTRY—TECHNOLOGICAL INNOVATIONS
Introducing new equipment in ferrous metallurgy. F. G. Kostenko. Biul. tekh.-ekon. inform. no. 5:3-6 '61.

IRON MINES AND MINING
(see also subdivision under Gornaya Shoriya; Krivoy Rog Basin; Kursk Magnetic Anomaly; Magnitogorsk)
"Annual output of mining and ore-dressing combines of the iron ore industry," by L. A. Mizernitskii. Reviewed by I. E. Zubrilov, A. N. Shilin, V. V. Zelinskii. Gor. zhur. no. 5:13-17 My '61.

IRON-MOLYBDENUM ALLOYS—ELECTRIC PROPERTIES
Investigation of the effect of plastic deformation on the electrical resistance of alloys [with summary in English]. I. IA. Dekhtiar, S. H. Lytovchenko, R. H. Fedchenko. Ukr. fiz. zhur. 6 no. 2 233-239 Mr-Ap '61

IRON-NICKEL-CHROMIUM ALLOYS see Nickel-chromium-iron alloys

IRON ORES
(see also subdivision under Chusovaya; Dashkesan region; Kerch Peninsula; Krivoy Rog Basin; Kursk Magnetic Anomaly; Kurzhunkul'skiy region; Kustanay region; Taman' Peninsula; Tayaty region)
Effect of oxidizers and the oxygen in the air on the flotation of hematite and magnetite. F. N. Belash, A. I. Andreeva. Gor. zhur. no. 6:66 Je '61.
Obtaining high-grade concentrated from low-grade iron ores. V. I. Karmazin, P. E. Ostapenko. Gor. zhur. no. 5:62-67 My '61.

IRON OXIDES
Kinetics of the reduction of iron oxide in the presence of iron powders. Part 2. F. K. Andriushchenko, M. G. Popova, E. IA. Tulin. Izv. vys. ucheb. zav.; khim. i khim. tekh. 4 no. 1:108-115 '61.

IRON-SILICON ALLOYS—MAGNETIC PROPERTIES
Effect of the shape of a specimen on the antisotropy of the coercive force of cold-rolled silicon iron. V. R. Abel's, E. L. Nikolaeva. Fiz. met. i metalloved. 11 no. 6 851-855 Je '61.

IRON SULFATE
Distribution of the isomorphic components during crystallization from aqueous solutions. Report No 5: Study of the system $FeSO_4$ - $ZnSO_4$ - H_2O with the use of radioactive tracers. G. I. Gorshtein, N. I. Silant'eva. Trudy IREA no. 22.12-17 '60.

IRPEN VALLEY—POTATOES—FERTILIZERS AND MANURES
Effect of mineral fertilizers on the growth and yield of potatoes in the Irpen floodland. M. S. Demchenko. Visnyk sil'. hosp. nauky 4 no. 6:03-66 Je '61.

IRREVERSIBLE PROCESSES
Theory of linear irreversible processes in a strong magnetic field. M. I. Klinger. Fiz. tver. tela 3 no. 5:1342-1353 My '61.

IRRIGATION
(see also subdivision under Azerbaijan; Caucasus, Northern)
Calculations for the subirrigation of peat soils. O. V. Skrypnyk. Visnyk sil'hosp. nauky 4 no. 7:62-66 Jl '61.
Combined irrigation system consisting of closed stationary and mobile flexible polyethylene pipelines. G. IU. Sheinkin, F. N. Gorbunova, V. A. Surin. Gidr. i mel. 13 no. 6:13-24 Je '61.
Control of water losses in irrigation systems. S. A. Girshkan. Gidr. i mel. 13 no. 6:56-58 Je '61.
Over-all remote control system for irrigation works. V. A. Zhozhikashvili, R. V. Bilik. Vest. AN SSSR 31 no. 5-76-77 My '61.
Source of guaranteed crop yields. K. Shubladze. NTO 3 no. 6:8-12 Je '61.

IRRIGATION CANALS AND FLUMES see subdivision under Rostov Province

IRRIGATION FARMING
(see also subdivision under Kazakhstan; Tarbagatayskiy District; Volga Valley)
New machinery for irrigation farming. Z. Metel'skii. Tekh. v sel'khoz. 21 no. 6:42-43 Je '61.

IRRIGATION RESEARCH see subdivision under Kura-Aras Valley; Murgab Valley

IRRIGATION WATER—MICROBIOLOGY see subdivision under Amu Darya Valley

IRTYSH VALLEY—FORESTS AND FORESTRY
Dostal', V. G. [Forests of the Ob-Irtysh Basin and their industrial utilization] Lesa Ob'-Irtyshskogo basseina i ikh promyshlennaia ekspluatatsiia. Moskva, Goslesbumizdat, 1961. 107 p.

IRTYSH VALLEY—GEOLOGY, STRUCTURAL
Geological structure presence and prospects of ore in the southeastern part of the Irtysh shear zone. K. R. Rabinovich, G. F. Grokhov. Trudy Alt. GMNII AN Kazakh. SSR 9:64-71 '60.

IRTYSH VALLEY—ROCKS, CRYSTALLINE AND METAMORPHIC
Paragenetic analysis of metamorphic formations of the northwestern part of the Irtysh zone of crumpling. S. P. Gavrilova. Izv. vys. ucheb. zav., geol. i razv. 2 no. 12 84-89 '59.

ISHIM VALLEY—ROCKS, IGNEOUS
Absolute age of the alkali rocks of the Ishim complex in central Kazakhstan. N. I. Zamiatin and others. Izv. AN Kazakh SSR, Ser. geol. no. 1 15-20 '61.

ISIL'KUL' DISTRICT—STOCK AND STOCK BREEDING
With fast steps forward! A. Fadeev, Z. Chabanova. Sov. profsoiuzy 17 no. 12-11-12 Je '61.

ISINGA REGION—BIRDS—MIGRATION
Observations on the migration of birds in the Yeravna lake valley (Buryat A. S. S. R.). I. V. Izmailov, I. A. Starkov. Ornitologiia. no. 3:405-409 '60.

ISOBUTYL ALCOHOL
Electronic state of catalysts during adsorption and catalysis. Part 1: Temperature dependence of the electric conductivity and type of conductivity of catalysts in the synthesis of isobutyl alcohol. G. M. Kozub, M. T. Rusov, V. M. Vlasenko. Kin. i kat. 2 no. 2:240-244 Mr-Ap '61.

ISOCYANIC ACID
Reactions of diatomic organosilicon alcohols with diisocyanates [with summary in English]. K. A. Andrianov, L. I. Makarova. Vysokom. soed. 3 no. 7 966-970 Jl '61.

ISOMERIZATION
Isomerization of polymethylene hydrocarbons under the effect of aluminum chloride. Part 24: Isomerization of cyclononane and cyclodecane. M. B. Turova-Poliak and others. Zhur. ob. khim. 31 no. 6:1976-1981 Je '61.

ISOMERS
Optical study of conformations of cyclopentanone and α-chlorocyclopentanone. M. I. Batuev and others. Izv. AN SSSR, Otd. khim. nauk no. 6:1138-1141 Je '61.

Photoelastic effect in polymethyl methacrylate stereoisomers. Part 2: Isotactic polymer [with summary in English]. V. N. TSvetkov, M. G. Vitovskaia. Vysokom. soed. 3 no. 7:1077-1083 Jl '61.

ISONICOTINIC ACID
Evaluation of the effect of thianide on the organism. V. S. Mitrofanov. Farm. i toks. 24 no. 2:207-209 Mr-Ap '61.

Intratracheal administration of a suspension of phthivazid with penicillin in cavernous pulmonary tuberculosis [with summary in English]. A. I. Gerasimov. Zhur. ush., nos. i gorl. bol. 21 no. 2:61-67 Mr-Ap '61.

ISONICOTINIC ACID—SPECTRA
Ultraviolet absorption spectra of isonicotinic acid hydrazide and its derivatives. L. I. Grebennik. Farm. i toks. 24 no. 2:233-237 Mr-Ap '61.

ISOPHTHALOYL CHLORIDE
Heterochain polyesters. Part 31: Role played by the hydrolysis of aromatic dicarboxylic acid chlorides in the process of interfacial polycondensation [with summary in English]. V. V. Korshak and others. Vysokom. soed. 3 no. 7:984-990 Jl '61.

ISOPRENE
Diffusion of synthetic polyisoprene macromolecules in natural rubber [with summary in English]. S. E. Bresler, G. M. Zakharov, S. V. Kirillov. Vysokom. soed. 3 no. 7:1072-1076 Jl '61.

Equilibrium of the liquid - vapor system for a mixture of isoprene with hydrocarbons of the fraction C_5. A. F. Frolov, V. N. Korotkova. Khim. prom. no. 6:376-378 Je '61.

Rate of carbon formation in the vacuum dehydrogenation of isopentane-isoamylene mixtures to isoprene. I. IA. Tsuriaev, T. L. Balashova. Kin. i kat. 2 no. 2:247-251 Mr-Ap '61.

ISOPROPYL ALCOHOL
Decomposition of isopropanol on alumina-chromium oxide catalysts. A. M. Rubinshtein, A. V. Sagalovich, N. A. Pribytkova. Izv. AN SSSR, Otd. khim. nauk no. 6:996-1005 Je '61.

ISOPROPYL ETHER
Efiran-66, a new herbicide. Sh. Mamedov and others. Dokl. AN Azerb. SSR 17 no. 4:331-334 '61.

ISOTOPE SEPARATION
Radiation from Eu^{145}, Eu^{146} and Eu^{147} [with summary in English]. N. M. Anton'eva and others. Zhur. eksp. i teor. fiz. 40 no. 1:23-28 Ja '61.

Separation of neon isotopes by the thermal diffusion method. L. S. Kotousov, E. M. Martynov, IU. P. Stepanov. Atom. energ. 10 no. 6:632-633 Je '61.

ISOTOPES
Fateeva, M. N. [Clinical and diagnostic use of some radioactive isotopes in the U. S. S. R.] Opyt kliniko-diagnosticheskogo primeneniia nekotorykh radioaktivnykh izotopov v SSSR. Moskva, 1955. 14 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii) (DNLM)

ISOTOPES—THERAPEUTIC USE
Kozlova, A. V. [Therapeutic use of some radioactive isotopes] Opyt lechebnogo primeneniia nekotorykh radioaktivnykh izotopov. Moskva, 1955. 12 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii) (DNLM)

ISOXAZOLIDINONE
Study on a possibility of clinical utilization of the synergism between cycloserine and other antibiotics in the treatment of infections caused by staphylococci resistant to penicillin. Report No. 2 [with summary in English]. M. Balsh and others. Antibiotiki 5 no. 3:32-35 My-Je '60.

ISRAEL—ECONOMIC CONDITIONS
Israel: Business profits grow and the living conditions of labor get worse [with English summary in insert]. G. Nikitina. Az. i Afr. seg. no. 5:14-15 My '61.

ISSYK-KUL' DEPRESSION—PALEOGEOGRAPHY
Some problems in the paleogeography of the Issyk-Kul' Depression. D. D. Kvasov, IU. P. Seliverstov. Trudy Lab. ozeroved. 10 45-54 '60.

ISSYK-KUL' REGION—DIPTERA, FOSSIL
The oldest infraorder of dipterans from the Triassic of Central Asia. B. B. Rodendorf. Paleont. zhur. no. 2 90-100 '61.

ISSYK-KUL' REGION—TAPEWORMS
Diphyllobothriasis on Lake Issyk-Kul'. K. I. Iksanov, N. S. Kropotova. Izv. AN Kir. SSR, Ser. biol. nauk 2 no. 7:177-180 '60.

ISSYK-KUL' REGION—WORMS, INTESTINAL AND PARASITIC
Helminths occurring in wild birds of Kirghizistan. N. T. Chibichenko. Izv. AN Kir. SSR, Ser. biol. nauk 2 no. 7 169-175 '60.

ISSYK-KUL' VALLEY—GOITER
Clinical characteristics of endemic goiter in the Issyk-Kul' Valley. I. D. Pefti, O. A. Kokkozov. Izv. AN Kir. SSR, Ser. biol. nauk 2 no. 6-37-40 '60.

ISTISU—HEALTH RESORTS, WATERING PLACES, ETC.
Change in the blood flow rate and the height of arterial pressure under conditions of the Istisu Health Resort [in Azerbaijani with summary in Russian]. D. K. Akhundov. Azerb. med. zhur. no. 6:37-43 Je '61.

ITALIAN LITERATURE—HISTORY AND CRITICISM
Potapova, Z. M. [Neorealism in Italian literature] Neorealizm v ital'ianskoi literature. Moskva, Izd-vo Akad. nauk SSSR, 1961. 226 p.

ITALY—BATHYSCAPHE
Strong spherical cabin on the bathyscaphe "Trieste" [from foreign journals]. IU. A. Kopytov. Sudostroenie 27 no. 6:73-74 Je '61.

ITALY—BUOYS
Buoy the unloading of high-tonnage tankers in the roadstead. Mor. flot 21 no. 2:45 F '61.

ITALY—CHILDREN'S LITERATURE
Exhibitions of Italian children's literature. O. Smekalina. Nar. obr. no. 6:122 Je '61.

ITALY—COMMUNIST PARTY
At the forefront of the Italian people's struggle for peace, democracy, and socialism. E. d'Onofrio. Vop. ist. KPSS 5 no. 3:77-93 '61.

ITALY—DESCRIPTION AND TRAVEL
Through two thousand years. Vsevolod Kochetov. Moskva 5 no. 5:56-113 '61.

ITALY—FASCISM
Alatri, Paolo. [The origin of fascism. Translated from the Italian. Preface by Roberto Battaglia] Proiskhozhdenie fashizma. Moskva, Izd-vo inostr. lit-ry, 1961. 460 p.

ITALY—INDUSTRIAL RELATIONS
Under false slogans. I. Smirnov. Sov. profsoiuzy 17 no. 12:39-42 Je '61.

ITALY—MINE RAILROADS
Use of a hopper-car train in Italian mine workings. N. N. Petukhov, N. P. Kriuchkova. Shakht. stroi. 5 no. 5:28-29 My '61.

ITALY—POLITICS AND GOVERNMENT
At the forefront of the Italian people's struggle for peace, democracy, and socialism. E. d'Onofrio. Vop. ist. KPSS 5 no. 3:77-93 '61.

ITALY—WOMEN
Are Italian women paid the same wages as men? E. P. Blinova. Sov. gos. i pravo 31 no. 6:138-140 Je '61.

IUKHTANOV, DMITRII MIKHAILOVICH, 1901-1961
Dmitrii Mikhailovich IUkhtanov: an obituary. TSvet. met. 34 no. 6:77-78 Je '61.

IURGII GAGARIN (SHIP)
In honor of the first flyer-astronaut. IUrii Gagarin. Mor. flot 21 no. 6,2 of cover Je '61.

IVANINSKIY DISTRICT—BRONZE AGE
The Bronze Age settlement on the kuzina Mountain. I. I. Artemenko. Sov. arkheol. 5 no. 2:232-236 '61.

IVANOV, ALEKSANDR FEDOROVICH, 1867-1935
Twenty-fifth anniversary of the death of Professor Aleksandr Fedorovich Ivanov. A. G. Likhachev. Zhur. ush., nos. i gorl. bol. 20 no. 5:76-77 S-O '60.

IVANOVO—SOCIALIST COMPETITION
Their word is confirmed by deed. I. Pavlov. Zhil.-kom. khoz. 11 no. 4:7 Ap '61.

IVANOVO PROVINCE—NATURE STUDY
Learn to conserve nature. V. Filippova. Nar. obr. no. 6: 73-75 Je '61.

IVANOVSKII, DMITRII IOSIFOVICH
D. I. Ivanovskii, founder of virology. A. E. Protsenko. Zashch. rast. ot vred. i bol. 6 no. 1:54 Ja '60.

IVOLGINSK—PALEONTOLOGY
Paleofauna of the ancient site of Ivolginsk according to the 1949-1956 archaeological excavation data. V. E. Garutt, K. B. IUr'ev. Arkheol. sbor. 1,80-82 '59.

IVY
Strangling ivy. B. K. Flerov. Priroda 50 no. 7:111-112 Jl '61.

IZBASKENTSKIY REGION—PETROLEUM—ANALYSIS
Nitrogen bases of the Izbaskentskiy oil. M. A. Abdurakhmanov, N. D. Rinbova. Khim. sera i azotorg. soed. v neft. i nefteprod. 3:207-209 '60.

IZHEVSK—GAUGING
The purpose of life. E. Sevast'iannikov. Sov. profsoiuzy 17 no. 12, 24-26 Je '61.

IZMAIL'SKII, VSEVOLOD ALEKSANDROVICH, 1885-
Celebrating the anniversary of Professor V. A. Izmail'skii. Khim. v shkole 16 no. 2:96 Mr-Ap '61.

JAMAICA—FISHING
Danger is my ally. Mitchel Hedge. Vokrug sveta no. 7: 36-39 Jl '61.

JAPAN—ANTIBIOTICS
Investigation of the field of antibiotics and the antibiotic industry in Japan. N. A. Krasil'nikov, G. K. Skriabin. Antibiotiki 5 no. 3:121-125 My-Je '60.

JAPAN—ECONOMIC CONDITIONS
"Spring advance" of the Japanese workers [with English summary in insert]. I. Il'ina. Az. i Afr. seg. no. 5: 12-13 My '61.

JAPAN—ESPIONAGE
Wandering samurai (to be continued). V. Minaev, E. Kazarina. Az. i Afr. seg. no. 3:16-18 Mr '61.

JAPAN—LABOR AND LABORING CLASSES
On various continents. V. Zolotov. Sov. profsoiuzy 17 no. 12, 36-38 Je '61.

JAPAN—PEACE SOCIETIES
"History of the postwar movement for peace" [in Japanese] by Kumakura Hiroyasu. Reviewed by S. L. Budkevich. Vop. ist. no. 6:171-173 Je '61.

JAPAN—POLITICS AND GOVERNMENT
"Spring advance" of the Japanese workers [with English summary in insert]. I. Il'ina. Az. i Afr. seg. no. 5: 12-13 My '61.

JAPAN—PROSTITUTION
"Good, old times." Kh. K. Az. i Afr. seg. no. 6:50 Je '61.

JAPAN—SHIPBUILDING
Japanese-built ships [from "Shipbuilding and Shipping Record," no. 19, 1960; "Japan Shipping and Shipbuilding," no. 7, 1960]. Sudostroenie 27 no. 5:65-66 My '61.

Shipbuilding in Japan [from foreign journals]. V. V. Lukin. Sudostroenie 27 no. 6:67-69 Je '61.

JAPAN—SPINNING MACHINERY
New spinning machinery in Japan. V. M. Butovich. Biul. tekh.-ekon. inform. no. 6:87-91 '61.

JAPAN—WORLD WAR, 1939-1945
Secrets of the first atomic war ("The great decision; the secret history of the atomic bomb" by Michael Amrine. Reviewed by I. Ermashev). Nov. vrem. 19 no. 20:26-31 Jl '61.

JAPAN, SEA OF—BLENNIES (FISH)
The group Neozoarcinae (Zoarcidae, Blennioidei, Pisces) and its systematic position. V. M. Makushok. Trudy Inst. okean. 43:198-224 '61.

JAPAN, STATE OF [HISTORY TO 1]

[Documents of] Japan [with] Texts of the Treaties [of the] Japanese [U.S.] Relations [of the United States, from 1853 to 1941]. Princeton, Princeton Univ. Press, 1942. 2 v.

JAPANESE LITERATURE—HISTORY AND CRITICISM

Cooper, J. Y. [Writers and the Writer; reflections on] Japanese Literature. Pacific Affairs, 1961, 34:3, 277-288.

Reischauer, E. O. [Japan Past and Present] Tokyo, Charles E. Tuttle Co., 1953. 330 p.

JAPANESE, SPOKEN [ETC.] see Waffle dictionary

JAVA [HISTORY—CONQUEST]

Anonymous [Account of the Conquest of Java by the British] Asiatic Journal and Monthly Miscellany, 1811, 13:73, 1-8.

JAWS

Anderson, Earl. [Description of the Skull of Homo Erectus Pekinensis, Found at Choukoutien, and Comparison with Other Fossil Human Jaws.] Am. J. Phys. Anthropology, 1941, 28:2, 161-213.

Mandibular Canal [Variations in Course and Its Relation to Mandibular Foramen and Other Landmarks] Dental Cosmos, 1921, 63:10, 1021-1024.

JAWS—FRACTURE

Double splint fitted over the teeth. J. Indiana State Dental Assn., 1947, 26:4, 180 Apr '47.

JAWS—TUMOR

Odontoma [Comments on the Term] with Summary of Five Cases [from the Literature, Two Cases, and Case Reports]. Int. Abstr. Surg., 1930, 50:6, 469-480 Je '30.

JEHOVAH'S WITNESSES

[Persecution of Jehovah's Witnesses under "Christian" Leaders]

Attempts to Stifle Free Speech [in Canada] Christian Century, 1940, 57:28, 881-882 Jl 10 '40.

Mead, Sidney, A. L. [Schmidt's Witness and Theodicy] Review of Religion, 1941, 5:4, 411-416 My '41.

Nicholson, A. L. [False Doctrine] Jehovah's Witnesses and Democracy [Address Delivered in Toronto, Ont., Canada, Sept. 9, 1940] Watchtower Bible and Tract Society, Inc., 1940. 32 p.

Nicholson, A. L. [False Doctrine] Jehovah's Witnesses and Democracy [Address Delivered in Toronto, Ont., Canada, Sept. 9, 1940] Watchtower Bible and Tract Society, Inc., 1940. 32 p.

JEPHTHAH'S DAUGHTER

Concerning a passage in Philo Judaeus [Concerning the Virtues] Journal of Theological Studies, 1940, 41:161-162, Jl-S '40.

JEREMIAH—FICTION

Bayer, Louis. [Jeremiah] Boston, Houghton Mifflin Co., 1939. 2 v.

JEROBOAM

Jeroboam [Jeroboam, Son of Nebat] Jewish Encyclopedia, 1903, 7:192-193.

JEROBOAM, SON OF AHIJAH

Albright, W. F. [Jeroboam, Son of Ahijah] Jewish Encyclopedia, 1903, 7:193.

JEROBOAM, WIFE OF

Albright, W. F. [Jeroboam, Wife of] Jewish Encyclopedia, 1903, 7:193.

JEROME

Hanson, R. P. C. [Jerome's Attitude to Origen] Journal of Theological Studies, 1956, 7:2, 258-266 O '56.

JERUSALEM

Bayer, Louis. [Jerusalem] Boston, Houghton Mifflin Co., 1939. 2 v.

Jerusalem [Jerusalem, Ancient and Modern] Jewish Encyclopedia, 1903, 7:196-205.

JERUSALEM—SIEGE, 70 A.D.

Abel, F. M. [Siege of Jerusalem] Revue Biblique, 1922, 31:1, 117-144.

Josephus, Flavius. [Siege of Jerusalem] Translated by Whiston, Wm. Philadelphia, Porter & Coates, 1880. 2 v.

JERUSALEM—SIEGE, 1187

Abel, F. M. [Siege of Jerusalem] Revue Biblique, 1922, 31:1, 117-144.

Josephus, Flavius. [Siege of Jerusalem] Translated by Whiston, Wm. Philadelphia, Porter & Coates, 1880. 2 v.

JESUITS

Bayer, Louis. [Jesuits] Boston, Houghton Mifflin Co., 1939. 2 v.

Jesuits [Jesuits, Ancient and Modern] Jewish Encyclopedia, 1903, 7:205-206.

JESUS

Bayer, Louis. [Jesus] Boston, Houghton Mifflin Co., 1939. 2 v.

Jesus [Jesus, Ancient and Modern] Jewish Encyclopedia, 1903, 7:206-209.

JESUS—BIBLIOGRAPHY

Bibliography [Bibliography of Jesus] Jewish Encyclopedia, 1903, 7:209-210.

JESUS—CHRONOLOGY

Bibliography [Bibliography of Jesus—Chronology] Jewish Encyclopedia, 1903, 7:210-211.

JESUS—DEATH

Bibliography [Bibliography of Jesus—Death] Jewish Encyclopedia, 1903, 7:211-212.

JESUS—GENEALOGY

Bibliography [Bibliography of Jesus—Genealogy] Jewish Encyclopedia, 1903, 7:212-213.

JESUS—HISTORICITY

Bibliography [Bibliography of Jesus—Historicity] Jewish Encyclopedia, 1903, 7:213-214.

JESUS—MIRACLES

Bibliography [Bibliography of Jesus—Miracles] Jewish Encyclopedia, 1903, 7:214-215.

JESUS—PARABLES

Bibliography [Bibliography of Jesus—Parables] Jewish Encyclopedia, 1903, 7:215-216.

JESUS—PASSION

Bibliography [Bibliography of Jesus—Passion] Jewish Encyclopedia, 1903, 7:216-217.

JESUS—RESURRECTION

Bibliography [Bibliography of Jesus—Resurrection] Jewish Encyclopedia, 1903, 7:217-218.

JESUS—TEACHINGS

Bibliography [Bibliography of Jesus—Teachings] Jewish Encyclopedia, 1903, 7:218-219.

JESUS—TRIAL

Bibliography [Bibliography of Jesus—Trial] Jewish Encyclopedia, 1903, 7:219-220.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:220-221.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:221-222.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:222-223.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:223-224.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:224-225.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:225-226.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:226-227.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:227-228.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:228-229.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:229-230.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:230-231.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:231-232.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:232-233.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:233-234.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:234-235.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:235-236.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:236-237.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:237-238.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:238-239.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:239-240.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:240-241.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:241-242.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:242-243.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:243-244.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:244-245.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:245-246.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:246-247.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:247-248.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:248-249.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:249-250.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:250-251.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:251-252.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:252-253.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:253-254.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:254-255.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:255-256.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:256-257.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:257-258.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:258-259.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:259-260.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:260-261.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:261-262.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:262-263.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:263-264.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:264-265.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:265-266.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:266-267.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:267-268.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:268-269.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:269-270.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:270-271.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:271-272.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:272-273.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:273-274.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:274-275.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:275-276.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:276-277.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:277-278.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:278-279.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:279-280.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:280-281.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:281-282.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:282-283.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:283-284.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:284-285.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:285-286.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:286-287.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:287-288.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:288-289.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:289-290.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:290-291.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:291-292.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:292-293.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:293-294.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:294-295.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:295-296.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:296-297.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:297-298.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:298-299.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:299-300.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:300-301.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:301-302.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:302-303.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:303-304.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:304-305.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:305-306.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:306-307.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:307-308.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:308-309.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:309-310.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:310-311.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:311-312.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:312-313.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:313-314.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:314-315.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:315-316.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:316-317.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:317-318.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:318-319.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:319-320.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:320-321.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:321-322.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:322-323.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:323-324.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:324-325.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:325-326.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:326-327.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:327-328.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:328-329.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:329-330.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:330-331.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:331-332.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:332-333.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:333-334.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:334-335.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:335-336.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:336-337.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:337-338.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:338-339.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:339-340.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:340-341.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:341-342.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:342-343.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:343-344.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:344-345.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:345-346.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:346-347.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:347-348.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:348-349.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:349-350.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:350-351.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:351-352.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:352-353.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:353-354.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:354-355.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:355-356.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:356-357.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:357-358.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:358-359.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:359-360.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:360-361.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:361-362.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:362-363.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:363-364.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:364-365.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:365-366.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:366-367.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:367-368.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:368-369.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:369-370.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:370-371.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:371-372.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:372-373.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:373-374.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:374-375.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:375-376.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:376-377.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:377-378.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:378-379.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:379-380.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:380-381.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:381-382.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:382-383.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:383-384.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:384-385.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:385-386.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:386-387.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:387-388.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:388-389.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:389-390.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:390-391.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:391-392.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:392-393.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:393-394.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:394-395.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:395-396.

JESUS—TRIAL—BEFORE HEROD

Bibliography [Bibliography of Jesus—Trial—Before Herod] Jewish Encyclopedia, 1903, 7:396-397.

JESUS—TRIAL—BEFORE PILATE

Bibliography [Bibliography of Jesus—Trial—Before Pilate] Jewish Encyclopedia, 1903, 7:397-398.

JESUS—TRIAL—BEFORE SANHEDRIN

Bibliography [Bibliography of Jesus—Trial—Before Sanhedrin] Jewish Encyclopedia, 1903, 7:398-399.

JESUS—TRIAL—BEFORE HERO

KAMCHATKA—AERONAUTICS IN WILDLIFE CENSUS
Use of aerial visual observations in estimating the distribution of some animals in Kamchatka A G. Ostroumov Biul. MOIP. Otd biol. 66 no. 3 25-31 My-Je '61.

KAMCHATKA—GEOLOGY, STRUCTURAL
New data on the tectonic pattern of southern Kamchatka based on geological and aeromagnetic studies. V. I Tikhonov, L A. Rivosh. Izv. AN SSSR, Ser geol 26 no 6:59-67 Je '61
Volcano-tectonic structures of southern Kamchatka. V. V Aver'ev, A. L. Sviatlovskii Izv. AN SSSR, Ser. geol 26 no 6 82-100 Je '61.

KAMCHATKA—MAGNETIC ANOMALIES
Airborne magnetic surveying in the region of the Kurile-Kamchatka island chain. O. N Solov'ev. Prikl geofiz no 29 168-173 '61.

KAMCHATKA—PETROLEUM GEOLOGY
Outlook for petroleum in eastern Kamchatka A S Arkhipchenko Trudy VNIGRI no 163,199-217 '60

KAMCHATKA GULF—BENTHOS
Materials on quantitative estimation of the bottom fauna of the Kamchatka Gulf A. P. Kuznetsov Trudy Inst okean. 46:103-123 '61

KAMCHATKA GULF—FISHES
Concentrations of commercial fishes and fish plankton in Kamchatka Gulf N V Khrapkova Trudy Inst. okean 43:295-308 '61

KAMCHATKA GULF—FLOUNDERS
Distribution of the young of flounders (family Pleuronectidae) in the Karaginskiy and Kamchatka Gulfs in August and September 1956 L N Musienko Trudy Inst okean 43 282-294 '61.

KAMCHATKA GULF—ZOOPLANKTON
Distribution of zooplankton species occurring in large masses in Kamchatka, Korf, and Karaginskiy Gulfs in August-September 1956 according to collections made by the SRT type boat "Akademik Shuleikin" [with summary in English]. E. A. Lubny-Gertsyk. Trudy Inst. okean. 51:112-115 '61.

KAMENETS-PODOL'SKIY DISTRICT—COLLECTIVE FARMS
What prevents better utilization of machinery. V. P. Shevel'. Mekh sil'. hosp. 12 no 7:24-25 Jl '61

KAMENNYY BROD—CEPHALOPODA, FOSSIL
Scope and distribution of the genus Syrionautilus. V. N. Shimanskii Paleont zhur no. 2 125-127 '61.

KAMYSHIN—TEXTILE FACTORIES
Cotton combine built of precast reinforced concrete. A Zakharin. Na stroi. Ros. no. 3 16-18 Mr '61.

KANDALAKSHA BAY—MARINE FAUNA
Some comparative data on the rocky littoral fauna of the Barents and White Seas. N. G. Barsanova. Trudy Inst. okean. 46:140-146 '61.

KANDALAKSHA BAY REGION—FALCONS
Peregrine falcon in Kandalaksha Bay V. V. Bianki Ornitologiia no. 3 71-79 '60.

KANDALAKSHA REGION—FISH CULTURE
Fish growers beyond the Arctic Circle; a photosketch. Ryb. khoz. 37 no. 1:42-47 '61.

KANEV DISTRICT—SOIL BINDING
Stabilization of Kanev gullies. A. A. Chernyshev. Biul. nauch.-tekh. inform. Ukr. NIILKhA no. 2:26-28 '57.

KANEVSKAYA DISTRICT—DUCKS
On Kanevskaya ponds and lagoons. S. N. Tarkov. Priroda 50 no. 7:58-63 Jl '61.

KANSK—PRECAST CONCRETE
Precast reinforced concrete cylindrical shells. S. Rozhkov. Na stroi. Ros. no. 2:6-7 F '61.

KAOLIN
Kaolin refractory materials with the minimum amount of binding clay. G. V. Kukolev, K. A. Mikhailova, A. P. Kochelova. Ogneupory 26 no 5:231-236 '61.

KARA-BOGAZ-GOL—SALINITY
Articles on a "unique gulf" [in Azerbaijani with summary in Russian]. K. K. Giul'. Uch. zap. AGU, Geol.-geog. ser. no. 5,47-57 '50.

KARA-CHUKHUR REGION—FOLDS (GEOLOGY)
Manifestation of a paleodiapir fold in the Kara-Chukhur fold. S. T. Ovnatanov, G. P. Tamrazian. Uch. zap. AGU. Geol.-geog. ser. no. 2:117-123 '59.

KARA-KALPAK—FISHERIES—LABOR PRODUCTIVITY
Hidden potentialities for the increase of labor productivity on fishing collective farms of the Kara-Kalpak A S S. R. M. E. Shtoingart, Sh Tleubergenov. Obshchestv. nauki v Uz. no. 4:48-49 '61.

KARA-KUL'—FISHES
Acclimatization of commercial fishes in Lake Kara-Kul' (Pamirs). V. F. Gurvich. Vop. ikht. 1 no. 2:281-285 '61.

KARA-TAU—BRACHIOPODA, FOSSIL
Dmitria, the upper Devonian subgenus of cyrtospiriferids A I Sidiachenko Paleont zhur. no 2 80-85 '61

KARA-TAU—GEOLOGY, STRATIGRAPHIC
Paleogeography and facies of the Ural Cambrian (Kara-Tau complex) K A. L'vov, N I Popovich Mat. VSEGEI. Ob. ser no 28 45-50 '60

KARA-TAU—GEOLOGY, STRUCTURAL
Recent tectonics in the Kara-Tau, follow-up on V V Galitskii's article "Role of recent tectonics in the formation of the Kara-Tau Range " N I. Kriger Vop geog. no 52 189-192 '61
Structural features and possible means of the formation of geosynclinal folded structures as illustrated by the Greater Kara-Tau [with summary in English]. V V Bronguleev Sov. geol 1 no 5 59-76 My '61

KARA-TAU—PALEOGEOGRAPHY
Paleogeography and facies of the Ural Cambrian (Kara-Tau complex) K A. L'vov, N I Popovich Mat. VSEGEI Ob. ser. no 28 45-50 '60.

KARABAKH—HISTORY
Mirza Dzhamal Dzhevanshir Karabagskii. [The history of Karabakh] Istoriia Karabaga, Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1950, 138, 62 p. [Texts in Azerbaijani and Russian.]

KARABAKH RANGE—GEOLOGY, STRATIGRAPHIC
Recent data on the stratigraphy of the upper Jurassic in the northern Karabakh. E Sh. Shikhalibeili. Uch. zap AGU Geol.-geog. ser. no. 3:9-19 '60.

KARABAKH RANGE—PYRITES
Composition and conditions of accumulation of sulfur pyrites in the northern Karabakh A. R. Mantirosian. Uch. zap. AGU. Geol.-geog. ser. no. 2:65-77 '59.

KARABAKH RANGE—WATER, UNDERGROUND
First years of using the Verkhne-Karabakh Canal; influence of the canal water on the underground waters. G. Israfilov. Uch. zap. AGU Geol.-geog. ser. no. 2. 55-63 '59.

KARABAKH STEPPE—BARLEY—VARIETIES
Effect of seeding rates on the yield of different barley varieties in the Karabakh Lowland F A. Guseinov Izv. AN Azerb SSR. Ser biol i med nauk no 2 39-43 '61

KARABAKH STEPPE—SOIL FORMATION
Basic features of soil formation in the subtropical arid steppe zone of the Karabakh Steppe in the Kura-Aras Lowland M N. Pershina, O G. Pen'kov Dokl. TSKhA no. 60-137-141 '61

KARABAKH STEPPE—SOLONETZ SOILS
Meadow Solonetz soils of the norther part of the Karabakh Steppe in the Kura-Aras Lowland M N Pershina, O. G. Pen'kov Dokl. TSKhA no. 63 159-164 '61.

KARAEV, KARA ABUL' FAZ, 1918-
The adagio in K. Karaev's ballet the "Seven beauties." A. M. Kislova. Izv. AN Azerb. SSR, Ser. obshchestv. nauk no. 3:111-120 '61.

KARAGANDA—UNIVERSITIES AND COLLEGES
Moscow. Vystavka dostizhenii narodnogo khoziaistva SSSR. [Karaganda technical institute] Karagandinskii politekhnicheskii institut. [Alma-Ata] M-vo vysshego i srednego spetsial'nogo obrazovaniia Kazakhskoi SSR, 1961. [36] p. illus.

KARAGANDA BASIN—COAL—CLASSIFICATION
Geological and economic classification of sections of the Karaganda coal basin and prospecting methods. M T. Samsonov. Izv. vys. ucheb. zav., geol. i razv. 4 no 4 58-69 Ap '61.

KARAGANDA BASIN—COAL GEOLOGY
Results of research in the field of rock shearing in the Karaganda Basin. Zh. M. Kanlykaeva. Trudy Inst. gor. dela AN Kazakh. SSR 7:20-29 '60.

KARAGANDA BASIN—GEOLOGICAL RESEARCH
History of the study of the geology of Karaganda. N. N. Daulbaev. Vest. AN Kazakh SSR 17 no 5 37-47 My '61.

KARAGANDA ECONOMIC REGION—ECONOMIC POLICY
Important factor in the increase of public labor productivity. T. Abdrazakov. Nar. khoz. Kazakh. 19 no. 6:63-67 Je '61.

KARAGANDA ECONOMIC REGION—LABOR PRODUCTIVITY
Important factor in the increase of public labor productivity. T. Abdrazakov. Nar. khoz. Kazakh. 19 no. 6:63-67 Je '61.

KARAGANDA PROVINCE—STARLINGS
Materials on the ecology and practical importance of the rose-colored starling in Karaganda Province. E. A. Stepanov. Ornitologiia no. 3, 292-297 '60

KARAGINSKIY GULF—BENTHOS
Materials on quantitative estimation of bottom fauna in the Korf-Karaginskiy area (Bering Sea). V. IA. Lus, A. P. Kuznetsov. Trudy Inst. okean. 46:124-139 '61.

KARAGINSKIY GULF—FISHES
Concentrations of commercial fishes and fish plankton in the Korf-Karaginskiy area N. V Khrapkova Trudy Inst okean 43:285-294 '61

KARAGINSKIY GULF—FLOUNDERS
Distribution of the young of flounders (family Pleuronectidae) in the Karaginskiy and Kamchatka Gulfs in August and September 1956 L N Musienko Trudy Inst okean 43 282-294 '61

KARAGINSKIY GULF—ZOOPLANKTON
Distribution of zooplankton species occurring in large masses in Kamchatka, Korf, and Karaginskiy Gulfs in August-September 1956 according to collections made by the SRT type boat "Akademik Shuleikin" [with summary in English]. E. A. Lubny-Gertsyk. Trudy Inst okean. 51 112-115 '61.

KARALAT (ASTRAKHAN PROVINCE)—LEPTOSPIROSIS
Outbreak of leptospirosis among residents of the village of Karalat in Kamyzinskii District of Astrakhan Province N A Guseva and others Zhur. mikrobiol epid i immun 32 no 5 119-121 My '61

KARELIA—DRAINAGE
Draining marsh lands in the Karelian S S. R V D Lopatin Vest AN SSSR 31 no 5 123-124 My '61

KARELIA—FISHES—RESEARCH
Interdepartmental conference on the problem "Theoretical foundations of efficient utilization, reproduction, and increase of fish stocks and other resources of the White Sea and inland waters of Karelia " N G Zavgorodniaia Vop. ikht 1 no 2 372-374 '61

KARELIA—TELEGRAPH
Experience of using direct telegraph connections in the Karelian A. S. S. R A. P. Volgin, M F Savin, L F Bobrova Vest. svlazi 21 no. 5:19-21 My '61

KARLOVSKOYE RESERVOIR—WATER—COMPOSITION
Role of coastal deposits in the salt balance of reservoirs (based on the study of Karlovskoye Reservoir) M I Kriventsov Gidrokhim. mat. 32:105-112 '61

KARST
(see also subdivision under Orda District)
First Plenum of the Interdepartmental Committee on the Study of the Geology and Geography of Karsts N I. Sokolov. Vop geog. no 52 188 '61

KARTLIA—APPLE—VARIETIES
Some biochemical characteristics of aboriginal and introduced apple varieties in Kartlia, Georgian S. S. R. G. A. Makashvili. Biokhim. pl. i ovoshch. no. 6:185-196 '61.

KASIMOV (RYAZAN PROVINCE)—CAMPS
"Swallow" Pioneer camp. L. Grishaev. Arkhit. SSSR no. 5,29-31 '61

KASIMOV (RYAZAN PROVINCE)—EDUCATION OF CHILDREN
How they work against the students repeating a year in the Third Kasimov School. A. Konurkin. Nar. obr. no. 6: 40-46 Je '61.

KASIMOV (RYAZAN PROVINCE)—SCHOOL SUPERVISION
At the head of a group. P. Ulasevich. Nar. obr. no. 6: 46-48 Je '61.

KASSA—STRIKES AND LOCKOUTS—MINERAL INDUSTRIES
Victory of the Kassa miners. B. Diawara. Vsem. prof dvizh no. 5 36-37 My '61

KATOWICE, POLAND—AERONAUTICS AS RECREATION
In the Silesian aeroclub. A Ivanskii. Kryl. rod 12 no 2-22-24 F '61.

KAUNAS—GLIDING AND SOARING
Work the communist way K Petrov Kryl rod 12 no. 7 3 Jl '61

KAVERIN, VENIAMIN ALEKSANDROVICH, 1902-
Kaverin, V. A. [Autobiographical stories] Avtobiograficheskie rasskazy. Moskva, Izd-vo "Pravda," 1961. 62 p. (Biblioteka "Ogonek," no. 23)

KAZAKH LANGUAGE—CONSONANTS
Sonorous consonants in the Kazakh language. A. A. Isengel'dina. Izv. AN Kazakh. SSR Ser. filol. i isk. no. 3: 52-58 '60.

KAZAKH LANGUAGE—GRAMMAR, COMPARATIVE—RUSSIAN
The locative case in the Kazakh language and its counterpart in Russian. V. A. Isengalieva. Izv. AN Kazakh. SSR. Ser. filol. i isk. no. 3:42-51 '60.

KAZAKH LANGUAGE—PHONETICS
Sonorous consonants in the Kazakh language. A. A. Isengel'dina. Izv. AN Kazakh. SSR. Ser. filol. i isk. no. 3: 52-58 '60.

KAZAKH LANGUAGE—VERB
Monosyllabic root verbs of the Kazakh language [in Kazakh with summary in Russian]. A. Khasenova. Izv. AN Kazakh. SSR. Ser. filol. i isk. no. 3:12-22 '60.

KAZAKH LANGUAGE—WORDS

Certain compound words [in Kazakh with summary in Russian] G. N. Zharkesheva. Izv. AN Kazakh. SSR Ser. filol. i isk. no. 3:85-92 '60.

KAZAKH LITERATURE—HISTORY AND CRITICISM

A conference on the basic questions of Kazakh literature. M. Bazarbaev. Izv. AN Kazakh. SSR Ser. filol. i isk. no. 3:3-7 '60.

The literary theme and real life [in Kazakh with summary in Russian] B. Uakhatov. Izv. AN Kazakh. SSR Ser. filol. i fil. no. 3:23-34 '60.

Recommendations of the academic-theoretical conference on the basic questions of Kazakh literature. Izv. AN Kazakh. SSR Ser. filol. i isk. no. 3:8-11 '60.

KAZAKH POETRY—HISTORY AND CRITICISM

Tradition of celebrating heroic events in Kazakh poetry [in Kazakh with summary in Russian] G. Smagulova. Vest. AN Kazakh. SSR 17 no. 5:79-84 My '61.

KAZAKHSTAN

[The Soviet Kazakh Socialist Republic] Kazakhskaia Sovetskaia Sotsialisticheskaia Respublika. Alma-Ata, Kazakhskoe gos. izd-vo, 1960. 477 p.

KAZAKHSTAN—AERONAUTICS IN GEOLOGY

Using helicopters in geological surveying in eastern Kazakhstan. P. A. Rengarten. Razved. i okh. nedr. 26 no. 2:21-26 F '60.

KAZAKHSTAN—AGRICULTURE

Scientific principles of agriculture in extremely arid regions. S. K. Chalanov. Zemledelie. 23 no. 6:56-64 Je '61.

KAZAKHSTAN—AGRICULTURE—ECONOMIC ASPECTS

"Wealth of the reclaimed virgin land"; collection of articles. Reviewed by I. Volkov. Ekon. sel'khoz. 32 no. 6:121-124 Je '61.

KAZAKHSTAN—AGRICULTURE—PERIODICALS

The Journal "Sel'skoe khoziaistvo kazakhstana." G. Kuznetsov. Ekon. sel'khoz. 32 no. 6:119-121 Je '61.

KAZAKHSTAN—ATHEISM

The work of Kazakhstan atheists. V. Akshinskii. Agitator. no. 13:49-52 Jl '61.

KAZAKHSTAN—BAUXITE

Geomorphological studies in prospecting for bauxites in central Kazakhstan. S. A. Sladkopevtsev. Vop. geog. no. 52:56-60 '61.

KAZAKHSTAN—BIRDS

Birds inhabiting buildings in the southern steppes of Kazakhstan. IU. A. Dubrovskii. Ornitologiia. no. 3:319-330 '60.

KAZAKHSTAN—BRACHIOPODA, FOSSIL

Dmitria, the upper Devonian subgenus of cyrtospiriferids. A. I. Sidiachenko. Palenot. zhur. no. 2:80-85 '61.

KAZAKHSTAN—BUILDING

Housing construction in the virgin territories of western Kazakhstan. IU. Demin. Zhil. stroi. no. 6:14-16 My '61.

KAZAKHSTAN—COLLECTIVE FARMS

Improvement in the material welfare of the Kazakhstan collective farm peasantry (1953-1959). T. V. Checheleva. Vest. AN Kazakh. SSR 17 no. 6:71-78 Je '61.

KAZAKHSTAN—COMMUNIST PARTY OF THE SOVIET UNION

The Communist Party of Kazakhstan is a militant branch of the CPSU. T. Zh. Zhangel'din. Vest. AN Kazakh. SSR 17 no. 6:22-37 Je '61.

History of the Communist Party of Kazakhstan. Vest. AN Kazakh. SSR 17 no. 5:15-26 My '61.

KAZAKHSTAN—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

The Kazakhstan Communist Party is 40 years old. S. Baishev, M. Kozybaev. Nar. khoz. Kazakh. 19 no. 6:17-27 Je '61.

KAZAKHSTAN—CONSTRUCTION INDUSTRY

Efficiency of the combined installation of buildings and equipment. V. Putintsev. Nar. khoz. Kazakh. 19 no. 6:81-84 Je '61.

KAZAKHSTAN—CONSTRUCTION INDUSTRY—COSTS

Pletnev, S. P. [Potentials for economizing on materials in construction] Rezervy ekonomii material'nykh resursov v stroitel'stve; iz opyta raboty stroek Kazakhstana. Alma-Ata, Kazakhskoe gos. izd-vo, 1960. 169 p. (Semiletka Kazakhstana v deistvii)

KAZAKHSTAN—COPPER—METALLURGY

Developments in the science of the metallurgy of copper during the 40 years of Soviet Government in Kazakhstan. L. A. Onaev, A. D. Oblanov. Trudy Inst. met. i obogashch. AN Kazakh. SSR 3:24-31 '60.

KAZAKHSTAN—CORN (MAIZE)—IRRIGATION

Irrigation regime of corn in southeastern Kazakhstan. N. S. Gorlunov, V. M. Petrunin. Gidr. i mel. 13 no. 8:3-12 Je '61.

KAZAKHSTAN—DARKLING BEETLES

Larvae of darkling beetles of the subfamily Pimeliinae (Coleoptera, Tenebrionidae) from western Kazakhstan [with summary in English]. S. I. Keleinikova. Ent. oboz. 40 no. 2:371-384 '61.

KAZAKHSTAN—ECONOMIC CONDITIONS

Great transformations. Nar. khoz. Kazakh. 19 no. 6:3-8 Je '61.

Kazakhstan celebrates. Az. i Afr. sag. no. 6:19 Je '61.

KAZAKHSTAN—FALLOWING

Black and green fallows on grain farms of Kazakhstan. A. Belov. Ekon. sel'khoz. 32 no. 2:41-46 F '61.

KAZAKHSTAN—FELDSPAR

Potash feldspars in the Devonian granitoids of the Sary-su-Tengiz watershed (central Kazakhstan). P. F. Emel'ianenko. Vest. Mosk. un. Ser. 4 Geol. 16 no. 3:44-50 My-Je '61.

KAZAKHSTAN—FISHERIES—CONGRESSES

Konferentsiia po rybnomu khoziaistvu respublik Srednei Azii i Kazakhstana, Frunze, 1958. [Transactions of the Conference on Fishery Management in the Republics of Central Asia and Kazakhstan] Trudy. Frunze, Akad. nauk Kirgizskoi SSR, 1961. 214 p.

KAZAKHSTAN—GEOCHEMICAL PROSPECTING

Hydrogeochemical criteria in exploring for minerals in western Kazakhstan. Zh. Sydykov. Vest. AN Kazakh. SSR 17 no. 5:64-73 My '61.

KAZAKHSTAN—GEOLOGY, ECONOMIC

Experimental metallometric surveying in Kazakhstan [with summary in English]. V. A. TSaregradskii. Sov. geol. 4 no. 6:102-117 Je '61.

KAZAKHSTAN—GEOLOGY, STRATIGRAPHIC

Interdepartmental Conference of the Quaternary period in Central Asia and Kazakhstan. Sov. geol. 4 no. 6:145 Je '61.

Relationship between sediments of the lower Carboniferous and upper Devonian in the southeastern part of central Kazakhstan. F. S. Moiseenko. Izv. vys. ucheb. zav., geol. i razv. 4 no. 4:27-32 Ap '61.

KAZAKHSTAN—GEOLOGY, STRUCTURAL

Fractures in the Sary-su-Tengiz watershed. A. E. Mikhailov. Izv. vys. ucheb. zav., geol. i razv. 2 no. 12:29-46 '59.

KAZAKHSTAN—HISTORY

Fortieth anniversary of the Kazakh S. S. R. and the Communist Party of Kazakhstan. N. D. Dzhandil'din. Vest. AN Kazakh. SSR 17 no. 6:7-21 Je '61.

KAZAKHSTAN—INDUSTRIES

New [illegible]tures in the Kazakh Pavilion at the Exhibition of the Achievements of the National Economy of the U. S. S. R. Nar. khoz. Kazakh. 19 no. 6:95 Je '61.

On the path of the further upsurge. G. Kozlov. Nar. khoz. Kazakh. 19 no. 6:9-16 Je '61.

KAZAKHSTAN—IRRIGATION FARMING

Conduct irrigation farming on the scientific basis. Nar. khoz. Kazakh. 19 no. 6:68-70 Je '61.

KAZAKHSTAN—LABOR AND LABORING CLASSES—EDUCATION

Creating a labor force in Kazakhstan. Kh. Sarsenov. Nar. khoz. Kazakh. 19 no. 6:28-32 Je '61.

KAZAKHSTAN—LANGUAGES

Organization of the Institute of Literature and Art. Vest. AN Kazakh. SSR 17 no. 6:103-104 Je '61.

KAZAKHSTAN—LEGUMES

Chernogolovin, V. P. [Pulse crops and leguminous grasses in Kazakhstan] Zernobobovye kul'tury i bobovye travy v Kazakhstane. Alma-Ata, Kazakhskoe gos. izd-vo, 1960. 163 p.

KAZAKHSTAN—LIBRARIES

Acquiring books and giving foreign scientific literature service to science workers in the institutes of the Academy of Sciences of Kazakhstan. A. K. Dubrovina. Opyt rab. bibliot. s inostr. lit. no. 2:40-46 '59.

KAZAKHSTAN—LIBRARY SCIENCE

Servicing foreign literature on cotton growing to workers in Uzbekistan at the Central Reference Library of the All-Union Cotton Research Institute. O. K. Nikol'skaia. Opyt rab. bibliot. s inostr. lit. no. 2:9-14 '59.

KAZAKHSTAN—LIGHTWEIGHT CONCRETE

In the Kazakh branch. Biul. stroi. tekh. 18 no. 4:46 Ap '61.

KAZAKHSTAN—METALLURGICAL RESEARCH

Research on rhenium carried out by the Institute of Metallurgy and Ore Dressing of the Academy of Sciences of the Kazakh S. S. R. K. B. Lebedev. Trudy Inst. met. i obogashch. AN Kazakh. SSR 3:85-89 '60.

KAZAKHSTAN—MINING ENGINEERING

Mining engineering in Kazakhstan. A. Ch. Musin, N. I. Smirnov. Trudy Inst. gor. dela AN Kazakh. SSR 7:5-19 '60.

KAZAKHSTAN—NATIONALITIES

Current problems concerning the training of workers the spirit of internationalism. N. Dzhandil'din. Vop. filos. 15 no. 6:3-17 '61.

KAZAKHSTAN—NONFERROUS METALS—METALLURGY

Results and objectives of research on the life of refractories at enterprises of nonferrous metallurgy in Kazakhstan. T. V. Demikhova. Trudy Inst. met. i obogashch. AN Kazakh. SSR 3:58-66 '60.

KAZAKHSTAN—ORE DRESSING

Interfactory school on the mechanization and automatization of Kazakhstan ore dressing plants. V. Manokh., TSvet. met. 34 no. 6:85-86 Je '61.

KAZAKHSTAN—PALYNOLOGY

Palynological complexes of Jurassic sediments in northeastern Kazakhstan [with summary in English]. V. I. Il'ina. Geol. i geofiz. no. 5:57-64 '61.

KAZAKHSTAN—PERLITE (MINERAL)

In the Kazakh branch. Biul. stroi. tekh. 18 no. 4:48 Ap '61.

KAZAKHSTAN—PHYSICAL EDUCATION AND TRAINING

Physical education and sports in Kazakhstan. A. S. Zaitsev. Teor. i prak. fiz. kul't. 23 no. 9:649-652 '60.

KAZAKHSTAN—POLITICS AND GOVERNMENT

Kazakh S. S. R. Verkhovnyi Sovet. [Meetings of the Fifth Supreme Soviet of the Kazakh S. S. R., fifth session, July 4-5, 1960. Verbatim report] Zasedaniia Verkhovnogo Soveta Kazakhskoi SSR, piatogo sozyva; piataia sessiia 4-5 iiulia 1960 goda. Stenograficheskii otchet. Alma-Ata, Kazakhskoe gos. izd-vo, 1960. 100 p.

KAZAKHSTAN—PUBLISHERS AND PUBLISHING

State of publishing activity in the academy. Vest. AN Kazakh. SSR 17 no. 6:103 Je '61.

KAZAKHSTAN—RECLAMATION OF LAND

"Wealth of the reclaimed virgin land"; collection of articles. Reviewed by I. Volkov. Ekon. sel'khoz. 32 no. 6:121-124 Je '61.

KAZAKHSTAN—REFRACTORY MATERIALS

Prospects for the expansion of the manufacture of refractories in Kazakhstan. P. N. Babin, S. M. Zubakov. Trudy Inst. met. i obogashch. AN Kazakh. SSR 3:51-57 '60.

KAZAKHSTAN—RELIGION

Litvinenko, N. S., comp. [Their "pious" deeds] Dela "bogougodnye." Alma-Ata, Kazakhskoe gos. izd-vo, 1960. 146 p.

KAZAKHSTAN—RHENIUM

Rhenium in some copper-porphyritic deposits of central Kazakhstan. Z. A. Kozlovskaia, N. M. Mitrianova. Izv. AN Kazakh. SSR. Ser. geol. no. 1:95-98 '61.

KAZAKHSTAN—ROCKS—ANALYSIS

Organic matter of rocks in the Ishim alkaline massif. A. N. Guseva, S. I. Kulakov. Vest. Mosk. un. Ser. 4 Geol. 16 no. 3:71-73 My-Je '61.

KAZAKHSTAN—ROCKS, CARBONATE

Origin of carbonate rocks in Caradoc sediments of the Selety-Stepnyak region in northern Kazakhstan [with summary in English] S. D. Levina, T. N. L'vova. Biul. MOIP. Otd. geol. 34 no. 5:81-93 S-O '59.

KAZAKHSTAN—ROCKS, IGNEOUS

Geologic and petrographic features of the granitoids of the first Devonian intrusive complex in the Sary-su-Tengiz Upland. R. N. Soboley. Izv. vys. ucheb. zav., geol. i razv. 4 no. 3:29-37 Mr '61.

KAZAKHSTAN—SOILS—MICROBIOLOGY

Microbiology of soils in Kazakhstan. Sh. A. Chulakov. Vest. AN Kazakh. SSR 17 no. 5:3-9 My '61.

KAZAKHSTAN—STOCK AND STOCKBREEDING

Specialization and concentration of stockbreeding branches on virginlands farms of Kazakhstan. M. Govar. Ekon. sel'khoz. 32 no. 6:47-53 Je '61.

KAZAKHSTAN—STRIP MINING

Jet piercing of bore and blastholes in rocks of the Andreevka open-pit mine. U. M. Stundiukov. Trudy Alt. GMNII AN Kazakh. SSR 9:164-166 '60.

KAZAKHSTAN—SUDAN GRASS

Sudan grass in central Kazakhstan. G. M. Chasovitina. Zemledelie. 23 no. 6:69-70 Je '61.

KAZAKHSTAN—WATER—COMPOSITION

Zonal distribution of the mineralization of river waters and drying up of lakes in central Kazakhstan. A. P. Uspenskii. Trudy Lab. ozeroved. 10:8-11 '60.

KAZAKHSTAN—WATER, UNDERGROUND
Recent data on the hydrogeology of the Tertiary sediments of northern Kazakhstan. P. M Frolov. Sov. geol 4 no 5 142-146 My '61.

KAZAKHSTAN—WINE AND WINE MAKING
Replace small wine factories with the cooperative ones. M. Maksiutov. Nar. khoz. Kazakh. 19 no. 6:71-72 Je '61.

KAZAKHSTAN—WORLD WAR, 1939-1945—ECONOMIC ASPECTS
Labor feat of the Kazakhstan people in the Great Patriotic War. A. Baishin. Nar khoz. Kazakh. 19 no. 6:40-43 Je '61.

KAZAN—BOTANICAL SOCIETIES
Work of the Kazan Branch of the All-Union Botanical Society in 1960. L. IAtaikin Bot. zhur. 46 no. 6:920 Je '61.

KAZAN—HISTORY
Songs on the taking of Kazan. T. S. Mikheeva. Uch. zap. MOPI 82:3-19 '60.

KAZAN—LEPTOSPIROSIS
Dogs as a source of human leptospirosis [with summary in English] Z Kh Karimova, N F. Rossomakhina Zhur mikrobiol epid i immun. 32 no. 5,76-80 My '61

KAZANSKII, BORIS ALEKSANDROVICH, 1891-
Boris Aleksandrovich Kazanskii; on the 70th anniversary of his birth. IA. T. Eidus Kin i kat. 2 no 2:297-302 Mr-Ap '61.

KEDABEK DISTRICT—GREISEN
Tourmaline greisens and tourmaline in the Ayridag deposit (Kosagor-bugor Mountains) in Kedabek District. M. A. Kaskai, V. I. Aliev Uch. zap. AGU. Geol. -geog. ser. no. 2:3-26 '59.

KEDABEK DISTRICT—SPRINGS
Genetic conditions and features of the distribution of mineral springs in Kedabek District. R. G. Sultanov, I V. Pashaly Dokl. AN Azerb. SSR 17 no. 5:395-399 '61.

KEDABEK DISTRICT—TOURMALINE
Tourmaline greisens and tourmaline in the Ayridag deposit (Kosagor-bugor Mountains) in Kedabek District. M. A. Kaskai, V I. Aliev. Uch. zap. AGU, Geol. -geog. ser. no 2:3-26 '59.

KELDYSH, MSTISLAV VSEVOLODOVICH, 1911-
Academician M. V. Keldysh, president of the Soviet Academy of Sciences; a brief biographical sketch. Vest AN SSSR 31 no 6 14-15 Je '61.

KELLERMANN, BERNHARD, 1879-1951
"Bernhard Kellermann and his works" [in German] by Werner Ilberg. Reviewed by G. Beregol'son. Vop. lit. 5 no. 6:229-233 Je '61.

KELLEROVKA DISTRICT—SOILS
Soils of Kellerovka District in Kokchetav Province. N. N. Poddubnyi. Dokl. TSKhA no. 63:121-126 '61.

KEMEROVO PROVINCE—MINING ENGINEERING
Large-scale blasting at the Tashtagol Mine. G. M. Bulanov, D S. Sallshchev. Gor. zhur. no. 4:16-19 Ap '60

KENDYKTAS RIDGE—BRACHIOPODA, FOSSIL
Lower Ordovician Brachiopoda in the Kendyktas Ridge. T. B. Rukavishnikova. Trudy GIN no. 18.29-54 '61.

KENDYKTAS RIDGE—PALEONTOLOGY, STRATIGRAPHIC
Tremadoc and adjacent sediments in the Kendyktas Ridge. B M. Keller, T. B. Rukavishnikova. Trudy GIN no. 18,22-28 '61.

KENDYKTAS RIDGE—TRILOBITES
Tremadoc trilobites and adjacent sediments in the Kendyktas Ridge. K. A. Lisogor. Trudy GIN no. 18: 55-92 '61.

KENYATTA, JOMO, 1900-
"Flaming spear" [with English summary in insert]. V. Sidenko. Az. i Afr. seg. no. 3:23-25 Mr '61.

KERATOCONJUNCTIVITIS
Model of experimental keratoconjunctivitis in evaluating the quality of antibiotics [with summary in English]. L. K. Ivanova. Zhur mikrobiol. epid. i immun. 31 no. 3:62-66 Mr '60.

KERATOPHYRES see subdivision under Stepnoy District

KERCH PENINSULA—IRON ORES
Composition and origin of the Kerch and Taman' brown iron-ore deposits. A. U. Litvinenko Izv. vys. ucheb. zav., geol. i razv. 4 no. 4:44-57 Ap '61.
Economic efficiency of the over-all utilization of Kerch iron ores. M. Kuhushev, M. Seredenko. Ekon. Rad. Ukr. no. 3:77-84 My-Je '61.

KERCH PENINSULA—ORE DRESSING
Middlings of the Kamysh-burun factory as a subject for gravity concentration. F. N. Belash and others Izv. vys. ucheb zav , gor. zhur no 4:146-151 '61

KET' VALLEY—TORNADOES
Testing a hypothesis. IU. A. L'vov and others. Priroda 50 no. 7 98-99 Jl '61.

KETENE
Reaction of trialkylalkoxystannanes with ketene. I. F. Lutsenko, S V Ponomarev. Zhur. ob. khim 31 no 8: 2025-2027 Je '61.
Reactions between ketene and nitrogen-containing bases. Part 9: Chloroacetylation of primary aromatic amines IU. V Svetkin, A N. Minlibaeva, N A. Khafizova Zhur ob khim. 31 no. 6 2023-2025 Je '61

KETONES
Organosilicon ethers of ketoximes and of benzaldehyde and o-hydroxybenzaldehyde oximes. Z I. Sergeeva, Z M. Matveev, M G. Voronkov Zhur ob. khim 31 no 8,2017-2023 Je '61.

KHABAROVSK—CHILDREN—GROWTH
Physical development of creche children in Khabarovsk in 1959 [with summary in English]. L. A. Lavortova, G. S. Posiol. Vop. okh. mat. i det. 6 no. 4:70-73 Ap '61.
Physical development of kindergarten children in Khabarovsk in 1959 [with summary in English]. E. P. Chmutina, T. I. Koloiartseva. Vop. okh. mat. i det. 6 no. 4:73-77 Ap '61.

KHABAROVSK—HEMORRHAGIC FEVER
Case of laboratory infection with epidemic hemorrhagic nephrosonephritis S. E. Shapiro, A. D Kelmykova, M A Garbuzov. Zhur mikrobiol epid i immun 32 no 5 116-117 My '61

KHABAROVSK TERRITORY—CONSTRUCTION INDUSTRY
We are building economically. V. Leont'ev. Sel'. stroi. 15 no. 4:9 Ap '61.

KHACHBULAK—EXCAVATIONS (ARCHAEOLOGY)
Archaeological excavations in Khachbulak in 1959 [in Azerbaijani with summary in Russian]. I. Narimanov, G. Ismailov. Izv. AN Azerb. SSR. Ser. obshchestv. nauk no. 3:19-30 '61.

KHACHMAS DISTRICT—BEE EATERS
Ecology of the bee eater Merops apiaster in the Kuba-Khachmas zone, Azerbaijan [in Azerbaijani with summary in Russian] G. T. Mustafaev, A. I. Khanmamedov. Izv. AN Azerb. SSR Ser. biol i med. nauk no. 1:83-88 '61

KHAKASS AUTONOMOUS PROVINCE—BOTANY
Characteristics of flora and vegetation on the saline soils of Khakassia. A. P. Samoilova. Izv. Tomsk. otd. VBO 4: 27-39 '59.

KHAKASS AUTONOMOUS PROVINCE—HALOPHYTES
Ecological series of halophyte vegetation in depressions of Khakassia. A P. Samoilova. Izv. Sib. otd. AN SSSR no. 4:86-96 '61.

KHAKASS AUTONOMOUS PROVINCE—STEPPES
Meadow steppes of Khakassia. V. V. Revердatto. Izv. Tomsk. otd. VBO 4:3-8 '59.

KHAMAR-DABAN RANGE—MOTHS—BIOLOGICAL CONTROL
Extermination of the Siberian silkworm (Dendrolimus sibiricus) by animals and birds in cedar pine forests of the Lake Baikal region. N. F. Reimers, A. S Rozhkov Trudy Vost. -Sib. fil AN SSSR no 23 15-32 '60.

KHANGALOV, MATVEI NIKOLAEVICH, 1895-
M. N. Khangalov, people's teacher and ethnologist; on the 100th anniversary of his birthday. A. P. Panchukov. Trudy Khakht. muz. kraeved. 17 no. 1:88-96 '59.

KHANKA PLAIN—SOILS—IRON CONTENT
Manganese-iron concretions in soils of the Suyfun-Khanka Lowland. V. I. Roslikova. Pochvovedenie no. 4:82-90 Ap '61.

KHANKA PLAIN—SOILS—MANGANESE CONTENT
Manganese-iron concretions in soils of the Suyfun-Khanka Lowland. V. I. Roslikova. Pochvovedenie no. 4:82-90 Ap '61.

KHARAULAKH RANGE—PIKAS
Ecological observations on pikas (Ochotona hyperborea Pall.) in the lower Lena Valley [with summary in English]. V. I. Kapitonov. Zool. zhur. 40 no. 6:922-933 Je '61.

KHAR'IUZOV, VLADIMIR
"Loyalty" by V. Khar'iuzov. Reviewed by I. Shamov. Sov. voin 43 no. 12:41 Je '61.

KHARKOV—AGRICULTURE
In the All-Union Central Council of Trade Unions. Sov. profsoiuzy 17 no.12:48 Je '61.

KHARKOV—BAPTISTS
To the sound of psalms. M Mykhailiuk Volov ateist no. 3 27-30 Mr '61

KHARKOV—CITY PLANNING
Large residential block in Kharkov. P. Shpara. Zhil. stroi no. 5:6-9 My '61.

KHARKOV—HOISTING MACHINERY
Production processes should be adapted to the over-all automation. A. P. Bolarintsev. Mashinostroitel' no. 6: 35 Je '61.

KHARKOV—ROAD MACHINERY INDUSTRY—TECHNOLOGICAL INNOVATIONS
New factory techniques A. Z. Berezovskii, V G. Fokin Stroi. i dor mash 6 no 5:36 My '61.

KHARKOV—STREETCARS—MAINTENANCE AND REPAIR
Hardening the axle box part of streetcar axles. P. Ivanov, G. Petushkov. Zhil -kom. khoz. 11 no. 4:24-27 Ap '61

KHARKOV—TRACTOR INDUSTRY
Developing the contacts of science with practical work. I. Tereshchenko. Ekon. Rad. Ukr. no. 3:121-122 My-Je '61.

KHARKOV—TURBOGENERATORS
Creative cooperation of two turbogenerator plants. M. Sorokin. Komm. Ukr. 36 no. 7:95-96 Jl '61.

KHARKOV PROVINCE—AERONAUTICS AS RECREATION
For mass participation and skill. I. Riashchenko Kryl rod 12 no 2 8-9 F '61.

KHARKOV PROVINCE—CHERNOZEM SOILS
Comparative investigation of the use of moldboard and moldboardless plows in cultivating deep Chernozems of Kharkov Province. IU. G. Kartsev. Dokl TSKhA no. 60:45-52 '61.

KHARKOV PROVINCE—COLLECTIVE FARMS—OFFICIALS AND EMPLOYEES
On the number of administrative personnel on collective farms I Rumiancv Vest. stat no 6 67-69 '61.

KHARKOV PROVINCE—INDUSTRIES
Creating norms for the number of auxiliary workers. V. Naidenov. Biul. nauch. inform. trud i zar. plata 4 no. 6,36-41 '61.

KHARSHAK, MIKHAIL IAKOVLEVICH, d. 1940
Twentieth anniversary of the death of Mikhail IAkovlevich Kharshak. A. I. Kolomiichenko. Zhur. ush., nos. i gorl. bol. 20 no. 5:77-79 S-O '60.

KHIBINY—CURRANTS
Biochemical characteristics of berry crops in the Far North. L. G. Gomoliako. Biokhim. pl. i avoshch. no. 6. 165-174 '61.

KHMEL'NITSKIY PROVINCE—AGRICULTURE
For high standards of agriculture. P. F. Titarchuk. Zemledelie 23 no. 6:15-20 Je '61.

KHMEL'NITSKIY PROVINCE—CITY PLANNING
Planning and building cities in Khmel'nitskiy Province. L. Golub. Stroi. i arkhit. 9 no. 4:14-15 Ap '61.

KHYNYSLY—ANTIQUITIES
An ancient site in Khynysly [in Azerbaijani with summary in Russian]. D. A. Khalilov. Izv. AN Azerb. SSR. Ser. obshchestv. nauk no. 3:31-47 '61.

KHYZHNIAK, ANTON
With the heroine of a tale ("Tamara" by Anton Khyzhniak Reviewed by Nikolai Strokovskii) Sov. Ukr 10 no. 2. 169-172 F '60.

KIBAL'CHIN, NIKOLAI IVANOVICH, 1854-1881
Deed of a revolutionary scientist. I. Merkulov. Kryl. rod 12 no. 7,19-20 Jl '61.

KIDNEYS
Characteristics of the growth of sheep kidney epithelium in tissue culture [with summary in English]. G. A. Smirnova, V. I. Gavrilov. Vop. virus, 6 no. 2:227-231 Mr-Ap '61.
Morphology of the kidneys in various types of sensitization under experimental conditions. A. G. Bogiarian, V. V. Solov. Arkh. pat. 23 no. 5:19-26 '61.
Projective dimensions of the kidneys, form of the porta renis, and their surgical significance. A. G. Mirzamukhamedov. Med. zhur. Uzb. no. 1:46-50 Ja '61.
Role of the renoprivic factor in the pathogenesis of hypertension [with summary in English]. S. M. Shenderov. Pat. fiziol. i eksp. terap. 5 no. 3:42-48 My-Je '61.

KIDNEYS—ABNORMITIES AND DEFORMITIES
Case of crossed dystopy of the kidney. L. Kh. Pinskii. Zdravookhranenie 2 no. 4:54-55 Jl-Ag '60.

KIDNEYS—BLOOD SUPPLY
Cuffing the kidney for a study of renal circulation in chronic experimental conditions. A. V. Dokukin. Pat. fiziol. i eksp. terap. 5 no. 1:72-73 Ja-F '61.

KIDNEYS – BLOOD SUPPLY (Continued)

Reflex effect from the pulmonary receptors on the blood supply of the kidneys under normal conditions and in experimental renal hypertension [with summary in English] A. I. Vyshatina, Pat. fiziol. i eksp. terap. 5 no. 3 38-42 My-Je '61.

KIDNEYS—DISEASES

Case of giant hematonephrosis. P. I. Pogorelko. Med. zhur. Uzb. no. 1 67-68 Ja '61.

Case of necronephrosis following transmembranal use of rivanol. P. S. Shpychyneis'ka Ped., akush. i gin. 23 no. 1 62-64 '61

Dosage of antibiotics in nephritis and nephrosis in children [with summary in English]. G. S. Blagoslovenskii. Vop. okh. mat. i det. 6 no. 4 9-14 Ap '61.

Effect of hypothermia on the development of experimental nephrocalcinosis in rats O. S. Glozman and others Arkh. pat. 23 no. 4 37-42 '61

Experimental model of glomerulonephritis induced without the administration of external protein agents N. N. Platnitskii, V. P. Bykova, T. E. Lipko Arkh. pat. 23 no. 5:27-30 '61

KIEV—AIRPORTS—BUILDINGS

Plan of a new airport terminal in Kiev. Arkhit. SSSR no. 3:52 '61

KIEV—ARENA THEATER

Reinforced-concrete shell of precast elements for the roof of a circus in Kiev. M. S. Grutman, S. A. Rivkin, I. A. Skachkov. Bet. i zhel.-bet. no. 4 177-179 Ap '61.

KIEV—ART—EXHIBITIONS

At the exhibition stands. I. Verba Sov. Ukr. 10 no. 2 184-185 F '60

KIEV—CONSTRUCTION INDUSTRY

Theme of the conference was new equipment. Stroi. i arkhit. 9 no. 4 30 Ap '61.

KIEV—DESCRIPTION

Logvin, G. N. Kiev. Moskva, Gos. izd-vo "Iskusstvo," 1960. 277 p.

Rusakov, M. G., I. O. Rechmedin, and I. M. Rosly. [Itinerary of a geographical excursion through Kiev and its environs, for delegates to the 3rd Congress of the Geographical Society of the U. S. S. R.] Marshrut geograficheskoi ekskursii po Kievu i ego okrestnostiam, dlia delegatov III s"ezda Geograficheskogo obshchestva Soiuza SSR) [Kiev] Izd-vo Kievskogo gos. univ., im. T. G. Shevchenko. 1960. 71 p.

KIEV—EXHIBITIONS

Expressed in colors P. Stepanov Voiov. ateist no. 3 55-56 Mr '61

KIEV—INFLUENZA

Comparative study on the biological properties of influenza virus strains isolated in Kiev in 1957 and 1959 [with summary in English]. M. F. Smirnova, L. F. Shevchenko. Vop. virus. 6 no. 2 178-181 Mr-Ap '61.

KIEV—MEAT INDUSTRY

New rights bring new responsibilities. I. Naugard, M. Barobash. NTO 3 no. 6.38-39 Je '61.

KIEV—MOSAICS

Lazarev, V. N. [Mosaics of the Sofia Cathedral in Kiev] Mozaiki Sofii Kievskoi. Moskva, Gos. izd-vo "Iskusstvo," 1960. 211 p.

KIEV—PEDIATRIC SOCIETIES

Report on the work of the Kiev and Kiev Province Pediatrics Society for 1956-1959. I. S. Dashko. Ped., akush. i gin. 23 no. 1:2 of cover '61.

KIEV—RUBBER INDUSTRY—EQUIPMENT AND SUPPLIES

Complete mechanization and automation of the production at the "Krasnyi rezinshchik" Plant. N. V. Delektorskii, M. F. Naumenko. Khim. prom. no. 5:359-361 My '61.

KIEV—SCHOOLHOUSES

Experimental school in Kiev. I. Karakis. Zhil. stroi. no. 5:12-14 My '61.

KIEV—SHOE INDUSTRY

Our experience in the struggle for the title of Brigade of Communist Labor E. V. Il'iashenko. Kozh.-obuv. prom. 3 no. 3:39 Mr '61.

KIEV—THEATER

On my contemporary. A. Spiridonova. Sov. Ukr. 10 no. 2:186-187 F '60

KIEV—TRAFFIC ACCIDENTS

Prevention of highway accidents. IU. E. Lutsenko. Vrach. delo no. 4:123-125 Ap '61.

KIEV—WATER—PURIFICATION

Construction and installation of filter communications on a water-supply line in operation. G. G. Rudenko. Vod. i san. tekh. no. 5:32-33 My '61.

KIEV—WATER SUPPLY

Building and using filters on the Dneprov water line. G. Rudenko. Zhil.-kom. khoz. 11 no. 4:26-28 Ap '61.

KIEV—WORLD WAR, 1939-1945

Heroic defense of the capital city of the Ukraine, July-September 1941. IA. Pashko. Komm. Ukr. 36 no. 7 44-53 Jl '61.

KIEV PROVINCE—FINANCE

Make every effort in finding additional income. I. Totskii. Fin. SSSR 22 no. 6 16-19 Je '61.

KIEV PROVINCE—OTOLARYNGOLOGICAL SOCIETIES

Report No. 4 of the meeting of the Kiev Province Otolaryngological Society on October 20, 1959. Zhur. ush., nos. i gorl. bol. 20 no. 4.91-93 Jl-Ag '60.

Report No. 5 of the meeting of the Kiev Province Otolaryngological Society on December 11, 1959. Zhur. ush., nos. i gorl. bol. 20 no. 4 93-95 Jl-Ag '60.

Report on the activity of the Kiev Province Otolaryngological Society for 1960 A. I. Kolomiichenko, V. A. Gukovich Zhur. ush., nos. i gorl. bol. 21 no. 1 93-96 Ja-F '61

KIEV PROVINCE—WIRE BROADCASTING

We are increasing the quality of the wire broadcasting systems. M. A. Margulis Vest. sviazi 21 no. 5.17-19 My '61

KIEVO-PECHERSKAIA LAVRA see Pechersky Monastery

KIGILYAK PENINSULA—ROCKS

City created by nature. E. Konchin Vokrug sveta no. 7: 16 Jl '61.

KILLIAN, GUSTAV, 1860-1921

The 100th anniversary of the birth of Gustav Killian (1860-1921). E. M. Kharshak. Zhur. ush., nos. i gorl. bol. 20 no. 5:79-80 S-O '60.

KILNS

(see also subdivision under Ukraine)

Automation of the system of drying runner articles in a tunnel drier V. S. Turchaninov and others. Ogneupory 26 no. 5:225-230 '61

Improving the design of the furnace shaft of a drying cylinder M. Z. Shvartsman. Ogneupory 26 no. 5 240-241 '61

Performance of a short-footage tunnel-type kiln Kh. Matsakian. Prom. Arm. 4 no. 3:46-48 Mr '61

KILNS, ROTARY

Automatic analysis of stack gases from rotary kilns for oxygen content. V. R. Ksendzovskii, A. M. Bondarevskii. Ogneupory 26 no. 5 236-239 '61.

KINASE

Effect of products of deep splitting of proteins in a culture medium on C. diphtheriae toxin formation Report No. 1. Medium digested by an enzymatic mixture of trypsin and enterokinase for the preparation of diphtherial toxin [with summary in English] P. V. Pavlov, A. G. Leonova, M. V. Smirnova Zhur. mikrobiol. epid. i immun. 31 no. 8:65-69 Ag '60.

KINDERGARTEN

Russia (1917- R. S. F. S. R.) Upravlenie po doshkol'nomu vospitaniiu. [Kindergarten; a book for supervisors of kindergartens] Detskii sad, kniga dlia zaveduiushchikh detskimi sadami. Izd. 2. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 324 p.

KINETIC THEORY OF GASES see Gases, Kinetic theory of

KINETICS THEORY OF LIQUIDS see Liquids, Kinetic theory of

KIRGHIZ see subdivision under Tien Shan

KIRGHIZ ALA-TAU—AFFORESTATION

Karafa-Korbut, I. G. [Afforestation of dry areas in the foothills of the Kirghiz Ala-Tau] Bogarnoe lesorazvedenie v predgor'iakh Kirgizskogo Ala-Too. Frunze, Izd-vo AN Kirgizskoi SSR, 1961. 246 p.

KIRGHIZ LITERATURE—HISTORY AND CRITICISM

Karimzhanova, B. ["Semetei" and "Seitek"] Semetei i Seitek. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1961. 58 p.

KIRGHIZISTAN—ARCHAEOLOGY

Ziablin, L. P. [Second Buddhist temple at the Ak-Beshim site] Vtoroi buddiskii khram Ak-Beshimskogo gorodishcha. Frunze, Izd-vo AN Kirgizskoi SSR, 1961. 72 p.

KIRGHIZISTAN—BIRD LICE

Materials on the study of birdlice infesting poultry on the "At-Bashinskiy" Poultry Plant L. F. Romasheva, S. Kasiev. Izv. AN Kir. SSR, Ser. biol. nauk 2 no. 7 127-141 '60

KIRGHIZISTAN—CULTURE

Karymshakova, G. [Formation and development of culture in Soviet Kirghizistan, 1918-1929] Stanovlenie i razvitie kul'tury Sovetskoi Kirgizii, 1918-1929 gg. Frunze, Kirgizskoe gos. izd-vo, 1960. 34 p.

KIRGHIZISTAN—ECONOMIC CONDITIONS

Ryskulbekov, M. R. [Kirghiz' transition from a nomadic to the present-day socialist economy] Perekhod kirgizov ot kochevogo k sovremennomu sotsialisticheskomu khoziaistvu. Moskva, Izd-vo vostochnoi lit-ry, 1960. 10 p. (XXV Mezhdunarodnyi kongress vostokovedov. Doklady delegatsii SSSR)

KIRGHIZISTAN—HISTORY

Ryskulbekov, M. R. [Kirghiz' transition from a nomadic to the present-day socialist economy] Perekhod kirgizov ot kochevogo k sovremennomu sotsialisticheskomu khoziaistvu. Moskva, Izd-vo vostochnoi lit-ry, 1960. 10 p. (XXV Mezhdunarodnyi kongress vostokovedov. Doklady delegatsii SSSR)

KIRGHIZISTAN—HYDATIDS

Echinococcosis in southern Kirghizia IU. A. Volokh, S. B. Malyshev. Izv. AN Kir. SSR Ser. biol. nauk 2 no. 6 41-48 '60

New method for studying the diffusion of echinococcosis in man. IU. A. Volokh Izv. AN Kir. SSR. Ser. biol. nauk 2 no. 6 101-103 '60.

Organizing control of echinococcosis in Kirghizia I. K. Akhunbaev, IU. A. Volokh Izv. AN Kir. SSR. Ser. biol. nauk 2 no. 6 17-21 '60

KIRGHIZISTAN—INSECTS, INJURIOUS AND BENEFICIAL

Seasonal dynamics and abundance of ectoparasites of the hare Lepus tolai Pall. in Kirghizistan R. V. Grebeniuk Izv. AN Kir. SSR Ser. biol. nauk 2 no. 7 57-72 '60.

KIRGHIZISTAN—LAGOCHILUS

Hemodynamic, hemostatic, and toxic properties of Lagochilus Bge. species occurring in Kirghizistan. P. K. Alimbaeva Izv. AN Kir. SSR Ser. biol. nauk 2 no. 5 87-98 '60

KIRGHIZISTAN—MINERALS IN SOIL

Amount of chromium, manganese, cobalt, and strontium in the soils of the Chu, Talas, and Issyk-Kul' Valleys in relation to the etiology of goiter endemia Preliminary report F. T. Shalaev Izv. AN Kir. SSR Ser. biol. nauk 2 no. 6 85-93 '60

KIRGHIZISTAN—MITES

Extermination of the chicken mite Dermanyssus gallinae in poultry houses of the "At-Bashinskiy" Poultry Plant L. F. Romasheva and others. Izv. AN Kir. SSR Ser. biol. nauk 2 no. 7 95-99 '60.

Materials on the biology of Dermanyssus gallinae. L. G. Romacheva. Izv. AN Kir. SSR, Ser. biol. nauk 2 no. 7.87-94 '60

KIRGHIZISTAN—NECROSIS, BACILLARY

Role of Ixodid ticks in the epizootiology of necrobacillosis A. A. Volkova, A. F. Timofeeva, R. V. Grebeniuk Izv. AN Kir. SSR, Ser. biol. nauk 2 no. 7 25-30 '60

KIRGHIZISTAN—RAVENS—DISEASES AND PESTS

A case of tuberculosis in a raven R. S. Galiev, A. F. Timofeev Izv. AN Kir. SSR Ser. biol. nauk 2 no. 7-37-39 '60.

KIRGHIZISTAN—REPTILES

IAkovleva, I. D. [A guide to the reptiles of Kirghizistan - Opredelitel' presmykaiushchikhsia Kirgizii. Frunze, Akad. nauk Kirghizskoi SSR, In-t zoologii i parazitologii, 1961. 110 p.

KIRGHIZISTAN—REVOLUTION, 1917-1921

The Communists of Kirghizia in the struggle for the consolidation of the Soviet regime. P. P. Nikishov. Vop. ist. KPSS 5 no. 4 126-138 '61.

KIRGHIZISTAN—SHEEP

Formation of the fleece in fine-wool sheep of Kirghizistan. M. N. Lushchikhin, V. M. Steshenko Izv. AN Kir. SSR Ser. biol. nauk 2 no. 5-69-79 '60.

Structural and development characteristics of the fleece in fine-wool sheep of Kirghizistan. I. B. Bothaev Izv. AN Kir. SSR Ser. biol. nauk 2 no. 5 81-86 '60

KIRGHIZISTAN—SOILS

Mamytov, A. M., and G. I. Rolchenko. [Soil zoning in Kirghizistan] Pochvennoe rainirovanie Kirgizii. Frunze, Izd-vo AN Kirgizskoi SSR, 1961. 153 p.

KIRGHIZISTAN—STATE FARMS

Arabaev, E. I., and A. U. Urazbaev. [State farms and their role in developing the agriculture of Kirghizistan] Sovkhozy i ikh rol' v razvitii sel'skogo khoziaistva Kirghizskoi SSR. Frunze, Akad. nauk Kirgizskoi SSR, 1960. 70 p.

KIRGHIZISTAN—SUGAR BEETS

Experience in receiving and storing beets in the sugar factories of the Kirghiz S. S. R. A. G. Gal'perin. Sakh. prom. 35 no. 6:46-50 Je '61.

KIRGHIZISTAN—TICKS AS CARRIERS OF DISEASE

Comparative data on the ecology of ticks of the genus Haemaphysalis in Kirghizistan. S. K. Sartbaev. Izv. AN Kir. SSR Ser. biol. nauk 2 no. 7.73-85 '60.

KIRGHIZISTAN—TREMATODA

Materials on trematodes of birds in Kirghizistan. N. A. Ablasov, N. T. Chibichenko. Izv. AN Kir. SSR. Ser. biol. nauk 2 no. 7 149-167 '60.

KIRGHIZISTAN—WEEVILS
A new spruce pest from southern Kirghizia (Coleoptera, Curculionidae). M.E. Ter-Minasian. Ent. oboz. 40 no.2:392 '61.

KIRGHIZISTAN—WOMEN—STATISTICS
Kirghiz S.S.R. TSentral'noe statisticheskoe upravlenie. [Woman in the Kirghiz S.S.R., short statistical handbook] Zhenshchina v Kirgizskoi SSR; kratkii statisticheskii spravochnik. Frunze, Gosstatizdat, 1960. 98 p. [MICROFILM]

KIRGHIZISTAN—WORMS, INTESTINAL AND PARASITIC
Helminths infesting chickens in Kirghizistan. G.V. Solov'ev. Izv. AN Kir SSR, Ser. biol. nauk 2 no.7 143-148 '60

KIROV PROVINCE—LIBRARIES
How we help public libraries promote literature about their locality. I.N. Voikhanskin, G.F. Chudova. Bibliot. SSSR no.16, 47-59 '61.

KIROVABAD—AMATEUR THEATRICALS
Great hopes. G. Litinskii. Teatr. 22 no.6:180-181 Je '61

KIROVOGRAD—SEVENTH-DAY ADVENTISTS
The knight of "God's tithe." IU. Chebaniuk. Voiov. ateist no.2, 22-25 F '61

KIROVOGRAD PROVINCE—ATHEISM
The methods of explanation and persuation. O. Vedeniejev. Voiov. ateist no.3 42-43 Mr '61.

KIROVOGRAD PROVINCE—CORN (MAIZE)
We didn't ask God to help us. O.V. Hitalov. Voiov. ateist no.3 7-9 Mr '61

KIROVOGRAD PROVINCE—OBSERVATORIES
A school observatory. F. Dvanych. Voiov. ateist no.2, 32-34 F '61

KISHCHAY VALLEY—EROSION
Soil erosion in the basin of the Kishchay River and its control. K.A. Alekperov, Kh.M. Mustafaev, M.IU. Khalilov. Izv. AN Azerb. SSR Ser. biol. i med. nauk no.3 145-151 '61.

KISHINEV—GUIDEBOOKS
[Kishinev; a guidebook] Kishinev; putevoditel'. Kishinev, Izd-vo "Shtiintsa," 1961. 107 p.

KISHINEV—OILS AND FATS
Production improvements at the Kishinev Oilseed Plant. N.I. Dzhurinskii. Masl.-zhir. prom. 27 no.6 41-42 Je '61.

KISHLY—AIRPLANES—MODELS
Young sportsmen from the settlement of Kishly. Z. Bakhman. Kryl. rod. 12 no.6, 13 Je '61.

KISLOVODSK—CHILDREN—HOSPITALS
Children's sanatorium in Kislovodsk. Nar. obr. no.6:90-91 Je '61.

KIZIL KUM see Kyzyl Kum

KLAYPEDA, LITHUANIA see Memel

KLEBSIELLA
Antigenic characteristics of microbes from the Klebsiella-Aerobacter group. B.IA. Elbert. Zhur. mikrobiol. epid. i immun. 32 no.2:111-114 F '61.

KLYAZ'MA VALLEY—BLACK FLIES
Materials on the fauna and biology of bloodsucking black flies (Diptera, Simulidae) in the basin of the Klyaz'ma River. V.S. Odintsov. Ent. oboz. 40 no.2:339-350 '61.

KLYSTRONS
Measuring the correlation between amplitude and frequency fluctuations in a reflex klystron. S.K. Lesota. Vest. Mosk. un. Ser. 3: Fiz., astron. 16 no.2:3-8 Mr-Ap '61.

Theoretical and experimental investigations of frequency dividing klystrons with preliminary bunching. O.A. Barmenkov, S.A. Kornilov, G.V. Lomakin. Radiotekh. i elektron. 6 no.6:943-953 Je '61.

KNAUTIA
A rare variety of Knautia arvensis (L.) Coult. Chilurosh Shtefan. Bot. zhur. 46 no.6:842-847 Je '61.

KNITTING MACHINES
Automatic electroacoustical stopping device for circular rib knitting machines. IU.M. Kuzmichev. Mekh. i avtom. proizv. 15 no.6:44-46 Je '61

KNOTWEED
A review of F.S. Pervukhin's article "Polygonum coriarium Grig., a new tannin plant," (no.9, 1959). S.E. Korovin. Bot. zhur. 46 no.6:909-910 Je '61.

KOCH, ROBERT, 1843-1910
In memory of R. Koch. IU.I. Milenushkin. Zhur. mikrobiol. epid. i immun. 31 no.12:141 D '60.

KODAKS see Cameras

KODRY—BISON, FOSSIL
Bison in Moldavia. I.I. Sokolov, I.A. Rafailovich. Biul. MOIP Otd. biol. 66 no.3 141-146 My-Je '61.

KOKCHETAV PROVINCE—CHERNOZEM SOILS
Hydro-physical properties of Chernozems in Kokchetav Province. E.V. Kulakov, I.D. Gromyko. Dokl. TSKhA no.60 69-76 '61.

KOKCHETAV PROVINCE—SOIL MOISTURE
Hydro-physical properties of Chernozems in Kokchetav Province. E.V. Kulakov, I.D. Gromyko. Dokl. TSKhA no.60 69-76 '61

KOLA BAY—MICROBIOLOGY
Water-borne Vibrio in Kola Bay [with summary English]. F.I. Spevak. Zhur. mikrobiol. epid. i immun. 32 no.3, 115-120 Mr '61

KOLA PENINSULA—LEMMINGS
Age-related variations in the skull and an analysis of the age composition of populations of the Norwegian lemming (Lemmus lemmus) [with summary in English] T.V. Koshkina, A.S. Khalanskii. Biul. MOIP Otd. biol. 66 no.2, 3-14 Mr-Ap '61.

KOLA PENINSULA—NATURAL RESOURCES
Peninsula of treasures. S. Pankratov. Sov. voin. 43 no.11 34-36 Je '61

KOL'CHUGIN—MILITARY EDUCATION
Our common concern. N. Sergeev. Voen. znan. 37 no.6: 17-18 Je '61.

KOLKHIDA LOWLAND—MICROPALEONTOLOGY
Lithological and microfaunal characteristics of Cretaceous sediments in the Kolkhida Lowland, based on the analysis of cores from deep wells drilled in fields of the Association of the Georgian Petroleum Industry. T.M. Shatilishvili, Z.A. Imnadze. Trudy VNIGNI no.15:173-199 '59.

KOLKHOZES see Collective farms

KOLOMNA—DIESEL LOCOMOTIVES
Results of regulating wages at the Kolomna Diesel Locomotive Plant. F. Tilis. Sots. trud 5 no.12. 127-131 D '60.

KOLOMNA—DIESEL LOCOMOTIVES—TECHNOLOGICAL INNOVATIONS
Public design offices: Their unsolved problems. L. Lopatnikov. Izobr. i rats. no.6:24-26, 30 Je '61.

KOLOMNA—MACHINE-TOOL INDUSTRY—PRODUCTION STANDARDS
Using standard time norms in small-lot production. S. Dushenkin. Sots. trud 6 no.5 90-93 My '61

KOLYMA RIVER ESTUARY—HYDROLOGY
The technique of short-range water level forecasting at the mouths of the Indigirka and Kolyma Rivers. M.K. Fedorov. Trudy AANII 213:112-163 '61.

KOLYMA VALLEY—BIRDS
Birds in the lower Kolyma Valley. E.P. Spangenberg. Ornitologiia no.3 106-111 '60

KOMI A.S.S.R.—FIELD MICE
Results of marking small mammals in the Komi A.S.S.R. [with summary in English]. N.A. Nikitina. Biul. MOIP, Otd. biol. 66 no.2:15-25 Mr-Ap '61.

KOMI A.S.S.R.—RUSSIAN LANGUAGE—DIALECTS
Basic characteristics of the grammar of the Seregovo dialect. M.S. Mikheeva. Uch. zap. Komi gos. ped. inst. no.8:97-121 '60.

The system of consonantial phonemes in the dialect of the village of Seregovo, Zheleznodorozhnyy District, Komi A.S.S.R. M.S. Mikheeva. Uch. zap. Komi gos. ped. inst. no.8 3-38 '60

KOMI LANGUAGE—CASE
Use and significance of the "-os" ending of the accusative case in the Komi language. G.A. Nechaev. Uch. zap. Komi gos. ped. inst. no.8, 63-96 '60.

KOMI LANGUAGE—DIALECTS—DICTIONARIES
Akademiia nauk SSSR. Komi filial. Syktyvkar. [Comparative dictionary of the Komi-Zyrian dialects] Sravnitel'nyi slovar' komi-zyrianskikh dialektov; okolo 25000 slov. Syktyvkar, Komi knizhnoe izd-vo, 1961. 469 p.

KOMI LANGUAGE—DICTIONARIES—RUSSIAN
[Komi-Russian dictionary] Komi-Russkii slovar'. Pod red. V.I. Lytkina. Okolo 25 000 slov. S prilozheniem grammaticheskogo ocherka komi iazyka, sost. V.I. Lytkinym i D.A. Timushevym. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1961. 923 p.

KOMI LANGUAGE—FOREIGN WORDS AND PHRASES—RUSSIAN
Russian loan words in the Komi language characterizing kindred relationships. S.A. Shamakhov. Uch. zap. Komi gos. ped. inst. no.8:40-51 '60.

KOMI LANGUAGE—WORDS
A verb or a particle? G.A. Nechaev. Uch. zap. Komi gos. ped. inst. no.8:52-62 '60.

KOMPANEITS, SOLOMON MARKOVICH, d. 1941
In memory of Professor S.M. Kompaneits. Zhur. ush., nos. i gorl. bol. 21 no.3:3-4 My-Je '61.

KONDOPOGA—AUDITING
Initiative and a businesslike attitude. M. Rove. Fin. SSSR. 22 no.6, 79-83 Je '61.

KONRAD, NIKOLAI IOSIFOVICH, 1891-
Honoring Academician N.I. Konrad. Vest. AN SSSR 31 no.5:106 My '61

KOREA—GEOLOGY, STRUCTURAL
Evidence of magmatic processes in Korea. V.L. Maanitis. Dokl. AN SSSR 138 no.5:1166-1169 Je '61.

KOREA—POLITICS AND GOVERNMENT
Let's remove the barrier! M. Khan. Az. i Afr. seg. no.3:49-50 Mr '61.

KOREA, NORTH—COMMUNIST PARTY
Closer to life and to the masses. T. Ivanov. Part. zhizn' no.14 63-66 Jl '61.

KOREA, NORTH—DESCRIPTION AND TRAVEL
Okulov, R.G. [Korean sketches] Koreiskie ocherki. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 132 p.

KOREA, NORTH—ECONOMIC CONDITIONS
Closer to life and to the masses. T. Ivanov. Part. zhizn' no.14-63-66 Jl '61.

KOREA, NORTH—ECONOMIC POLICY
[Three-year economic plan of the Korean People's Republic for 1954-1956] Trekhletnii narodnokhoziaistvennyi plan KNDR na 1954-56 gg. [Pkhen'lan] Department kul'turnoi sviazi s zagranitsei M-va kul'tury propagandy KNDR, 1954. 84 p.

KOREA, NORTH—FOREIGN RELATIONS—RUSSIA
Good intentions. Nov. vrem. 19 no.29:2-3 Jl '61.

KOREA, NORTH—GEOLOGY, STRATIGRAPHIC
Absolute age of certain igenous and metamorphic rocks in North Korea. N.I. Polevaia, V.K. Putintsev, V.D. Spiritsson. Sov. geol. 4 no.6 110-124 Je '61.

New data on the stratigraphy of the Permian sediments of northeastern Korea. N.M. Ogonova and others. Geol. i geofiz. no.5:71-77 '61.

KOREA, NORTH—POLITICS AND GOVERNMENT
Kim Il-Sŏng. [Triumph of the ideas of the great October Revolution. Translated from the Korean] Torzhestvo idei Velikogo Oktiabria. Moskva, Gos. izd-vo polit. lit-ry, 1960. 65 p. (Bibliotechka po nauchnomu sotsializmu, no.64)

KOREA, NORTH—RED CROSS
In the land of morning freshness. Li Gyn U. Sov. krasnyi krest. 11 no.3.27 My-Je '61.

KOREA, NORTH—SOCIALIST COMPETITION
Chollin movement is an important factor in the increase of labor productivity in the Korean People's Democratic Republic. V. Filippova. Biul. nauch. inform. trud i zar. plata 4 no.6 70-71 '61.

KOREA, SOUTH—ECONOMIC ASSISTANCE, AMERICAN
New treaty and a new burden. N.Solov'ev. Az. i Afr. seg. no.6:55 Je '61.

KOREA, SOUTH—POLITICS AND GOVERNMENT
Anti-American moods in South Korea. Az. i Afr. seg. no.6, 23 Je '61.

KORF BAY—BENTHOS
Materials on quantitative estimation of bottom fauna in the Korf-Karaginskiy area (Bering Sea). V.IA. Lus, A.P. Kuznetsov. Trudy Inst. okean. 46:124-139 '61.

KORF BAY—FISHES
Concentrations of commercial fishes and fish plankton in the Korf-Karaginskiy area. N.V. Khrapkova. Trudy Inst. okean. 43:285-294 '61

KORF GULF—ZOOPLANKTON
Distribution of zooplankton species occurring in large masses in Kamchatka, Korf, and Karaginskiy Gulfs in August-September 1956 according to collections made by the SRT type boat "Akademik Shuleikin" [with summary in English]. E.A. Lubny-Gertsyk. Trudy Inst. okean. 51:112-115 '61.

KOROBKOV, NIKOLAI MIKHAILOVICH, 1897-1947
Nikolai Mikhailovich Korobkov, 1897-1947. A.G. Giller. Vop. geog. no.51:190-191 '61.

KOROLENKO, VLADIMIR GALAKTIONOVICH, 1853-1921
The capitalistic West in the works of V.G. Korolenko. G.M. Mironov. Uch. zap. MOPI 82:161-203 '60.

KOSICE—CITY PLANNING
New residential district in Kosice. O. Shvidkovskii. Arkhit. SSSR no.5, 52-55 '61.

KOSOV REGION—CINNAMON, FOSSIL

Cinnamomum finds in the Ciscarpathian Miocene. N. IA. Shvareva. Dokl AN SSSR 138 no. 5:1172-1174 Je '61.

KOSTROMA—GRAIN-MILLING MACHINERY

Improved machinery at the Kostroma Groat Mill. B. Maisiuk, M. Kuznetsov. Muk.-elev. prom. 27 no. 5 8-9 My '01.

KOSTROMA PROVINCE—STOCK AND STOCKBREEDING

For 1100 centners of milk and 200 centners of meat from 100 hectares in 1961 P Malinina. Ekon sel'khoz 32 no 2:24-28 F '61

KOSTROMA PROVINCE—TEACHING

Along the trail blazed by a Rostov school. A. Bernov, M Pinegina. Nar. obr. no 7:27-30 Jl '61

KOTEL'NICH—LUMBERING

Obligations of Kotel'nich loggers. Sel'. stroi. 16 no. 5: 3 My '61.

KOTOVSKII, GRIGORII IVANOVICH, 1881-1925

Legendary brigade commander and man of great spirit V. Shtyrliaev. Sov voin 43 no 11:24-25 Je '61

Legendary hero and regimental commander. K. IUtsevich. Voen. znan. 37 no. 6:14-15 Je '61.

KOTUY VALLEY—GASTROPODA, FOSSIL

Find of the lower Cambrian hyolithid Ceratotheca V. A. Sysoev. Paleont zhur. no. 2 124-125 '61.

KOYELGA—MARBLE INDUSTRY

Stone clouds. G. Metel'skii. Vokrug sveta no. 7:51-53 Jl '61.

KOZHEVNIKOV, VADIM MIKHAILOVICH, 1909-

A hero who struggles for communism. S. Novikov. Agitator no. 7:57-62 Ap '61.

KRAMATORSK—EVENING AND CONTINUATION SCHOOLS

This is the way this group works. E. Zakharova, I. Medvedev. Nar. obr. no. 6:88-89 Je '61.

KRAMATORSK—MACHINERY INDUSTRY—TECHNOLOGICAL INNOVATIONS

"The main innovator" and his assistants, N. Shatrov. Izobr. i rats. no. 7:23-24 Jl '61.

KRASNOARMEYSKIY DISTRICT—SWINE HOUSES AND EQUIPMENT

A good example. V. Moshchil'. Sil'. bud. 11 no. 5:10-11 My '61.

KRASNODAR—PETROLEUM INDUSTRY

A lecture group at an industrial enterprise. I. Minaev. Part. zhizn' no 14:40-44 Jl '61.

KRASNODAR TERRITORY—CRIME PREVENTION

Public participation in crime prevention; based on the materials of Krasnodar Territory. V. N. Klimov. Sov. gos. i pravo 31 no. 7:107-111 Jl '61.

KRASNODAR TERRITORY—ESSENCES AND ESSENTIAL OILS

Purifying petroleum ether in essential-oil plants of Krasnodar Territory. L. I. Aleshina, N. L. Gurvich, V. A. Frolov. Masl.-zhir. prom. 27 no. 6:31-33 Je '61.

KRASNODAR TERRITORY—PETROLEUM GEOLOGY

Prospecting for new petroleum fields in Krasnodar Territory. V. A. Ermakov. Geol nefti i gaza 5 no. 6: 16-20 '61.

KRASNODAR TERRITORY—SUGAR INDUSTRY—LABOR PRODUCTIVITY

Measuring labor productivity in granulated sugar production. M. IUkel'son. Sots. trud 5 no. 12:136-137 D '60

Precast monolithic reinforced concrete shells. I. Zhbanov. Na stroi Ros no. 2:11-12 F '61.

KRASNOYARSK HYDROELECTRIC POWER STATION

Krasnoyarsk Hydroelectric Power Station on the Yenisey River. B. P. Feringer. Gidr. stroi. 21 no 5 2-7 My '61.

KRASNOYARSK TERRITORY—BOOKSELLERS AND BOOKSELLING

Books are sold in 55 drugstores and hospitals. B. Briukhanov. Sov knizh torg. 12 no 8 31 Ag '60.

KRASNOYARSK TERRITORY—CONSTRUCTION INDUSTRY

Introduce new and progressive methods into industrial construction. M. Volobievskii. Na stroi. Ros no. 2,3-6 F '61.

KRASNOYARSK TERRITORY—NONFERROUS METAL INDUSTRIES

Fighting for work safety in open pits of the Sorskii Metallurgical Combine. N V Taz'min Bezop truda v prom. 5 no. 7 25-26 Jl '61.

KRASNOYARSK TERRITORY—PUBLIC HEALTH

Work of a medical institute in aiding public health institutions P G. Podzolkov, G. I Rozet Zdrav Ros Feder 5 no. 6 30-32 Je '61

KRASNOYARSK TERRITORY—ROCKS—MAGNETIC PROPERTIES

Paleomagnetic investigation of Devonian sedimentary strata in the central part of Krasnoyarsk Territory. A. IA. Vlasov and others Izv. AN SSSR. Ser. geofiz. no. 7 1022-1024 Jl '61.

KRASNYY CHIKOY DISTRICT—FINCHES

Nesting of the grey bullfinch (Pyrrhula pyrrhula cineracea Cab.) in Transbaikalia G V Linderman. Ornitologiia no 3-234-235 '60

KREMENCHUG—BLASTING

Inspection of blasting operations in ditches. IA. I. Vorobei Bezop. truda v prom 5 no 6:32-33 Je '61

KREMENCHUG—MOTORBOAT RACING

Pupils of a naval club. I. Eretichenko. Voen. znan. 37 no. 7:28-30 Jl '61.

KREMENCHUG HYDROELECTRIC POWER STATION—EMBANKMENTS

Continuous sequence in strengthening of earth banks at the Kremenchug Hydroelectric Power Station. A. L. Filakhtov and others. Gidr stroi. 31 no. 6 14-17 Je '61.

KREMLIN see subdivision under Gorkiy

KRIUCHKIN, MATVEI

"A soldier's thoughts" by M. Kriuchkin. Reviewed by R. Artamonov. Sov. voin 43 no. 7:21 Ap '61.

KRIVOY ROG—METALLURGICAL PLANTS

With Krivoy Rog steel smelters. N. D. Gromov. Metallurg 6 no 7:37-39 Jl '61.

KRIVOY ROG—OPEN-HEARTH FURNACES

Assembling structural units for an open-hearth shop in the V. I. Lenin Factory B. IA. Gleiberman, I. A Kabanov. Prom. stroi. 39 no. 4:5-11 '61.

KRIVOY ROG BASIN—BLASTING

Multiple-row short-delay blasting in Krivoy Rog Basin mines. S. A. Zapara, IU S. Mets. Gor. zhur. no. 6, 33-34 Je '61.

KRIVOY ROG BASIN—GRANITIZATION

Granitization of metabasites and rocks of the lower series in the Ingulets region of the Krivoy Rog Basin. A. I. Strygin, M. N. Dovgan', Izv. AN SSSR. Ser. geol. 26

IRON MINES AND MINING

ent and safe technological processes
. M. Meleshkin. Bezop. truda v
Jl '61.

n blasting "in waves" in the construc-
in the Krivoy Rog Basin. S. A. Za-
Shakht. stroi. 5 no. 5:24-25 My

-IRON ORES

ade martite and hydrohematite-
ng in different core recoveries.
ved. i okh. nedr 26 no 2:14-20

-MINE HAULAGE

on ores on a scraper conveyer. IU. I.
nitskii. Mekh. i avtom. proizv. 15

MINE HOISTING

t-Glubokaya" Mine. S. M. Meleshkin.
3-48 My '61.

-ROCK PRESSURE

ressure manifestation in Krivoy Rog
', Lavrinenko, IU. A. Ivanov, M. I.
ir. no. 8:19-23 Je '61.

KRIVOY ROG BASIN—SHAFT SINKING

Efficiency of various flowsheets for shaft sinking in the Krivoy Rog Basin. IU Z. Zaslavskii, V. N. Ladozhinskii Shakht stroi 5 no 5 11-16 My '61

KRIVTSOV, IURII VLADIMIROVICH, 1901

IUrii Vladimirovich Krivtsov (on his 60th birthday and 35th anniversary of scientific work). Sudostroenie 27 no 5:74 My '61

KROMY—HISTORY

Shelamov, V. T. Kromy. [Orel] Orlovskoe knizhnoe izd-vo, 1960. 65 p.

KRUZHALOV, BORIS DMITRIEVICH, 1901-1961

Boris Dmitrievich Kruzhalov. Khim. prom. no. 5:397 My '61.

KRYUKOVO (MOSCOW PROVINCE)—CITY PLANNING

Kryukovo, Moscow's first "satellite city." B. Vilenberg, S Loginov. Vop. geog no. 51:52-57 '61.

KUBA DISTRICT—BEE EATERS

Ecology of the bee eater Merops apiaster in the Kuba-Khachmas zone, Azerbaijan [in Azerbaijani with summary in Russian] G T Mustafaev, A I. Khanmamedov Izv AN Azerb SSR. Ser. biol i med. nauk no 1 83-88 '61

KUBA DISTRICT—GEOLOGY, STRUCTURAL

Structure of the southern margin of the Kusary-Divichi synclinorium in the Khanagya section. M. A. Mustafabeili, I M Liberzon, M A. Aksel'rod. Uch. zap. AGU. Geol.-geog ser. no. 5:21-26 '59

KUBAN—BUILDING MATERIALS INDUSTRY

"Bakanskiy" building materials factory. N. Ptushko Sel' stroi. 16 no. 5:13-15 My '61

KUBAN—OAK

Hill planting of oak in the Kuban [with summaries in English, German, and French] F. K Chaparin. Vest sel'khoz. nauki 6 no. 6:95-99 Ja '61.

KUBAN—PRECAST CONCRETE CONSTRUCTION

Large-block and large-panel construction in the Kuban. G. Alekzandrov. Na stroi. Ros. no. 3:31-33 Mr '61.

KUBAN—RURAL LIBRARIES

In the libraries of the Kuban. G. Tereshchenko. Bibliotekar' no. 6:19-21 Je '61.

KUBAN—SUGAR BEETS

Mechanized sugar beet cultivation in the Kuban. G I Gorov. Tekh. v sel'khoz. 21 no. 6 11-15 Je '61.

KUBAN RIVER—CARP

Development of Chalcalburnus chalcoides schischkovi (Dvnsk) of the Kuban River during its embryonic and larval periods of life. E. N. Smirnova. Trudy Inst. morf. zhiv. no. 33.30-62 '61.

KUBAN VALLEY—ROCKS

Petrology of the Paleozoic igneous and metamorphic rocks in the upper Kuban River. Sh. I. Dzhavakhishvili Trudy AN Gruz SSR. Min. i petr. ser. 5.115-147 '61

KUCHUK, LAKE—THENARDITE

On the recovery of thenardite from the brine of lake Kuchuk IU. P. Nikol'skaia, A. G. Vasilevskaia. Trudy Khim.-met. inst. Zap. -Sib fil AN SSSR no. 12 65-75 '61

KUDYMKAR REGION—STORMS

A squall of extreme violence. A. G. Tarnopol'skii. Meteor. i gidrol. no. 7:35-36 Jl '61.

KUKMOR DISTRICT—SCHOOL SUPERVISION

Methodological work in Kukmor District. Nar. obr. no. 8: 125 Je '61.

KULIKOVA, EVDOKIIA BORISOVNA, 1903-1960

Evdokiia Borisovna Kulikova, obituary. Trudy Inst. okean. 43:3-4 '61.

KUO, MO-JO, 1892-

TSybina, E. A. [The dramaturgy of Kuo Mo-jo during the period of the war with Japan, 1936-1945] Dramaturgiia Go Mo-zho v period antiiaponskoi voiny, 1936-1945. [Moskva] Izd-vo Mosk. univ., 1961. 142 p.

KUPRIN, ALEKSANDR IVANOVICH, 1870-1938

Kuprina-Iordanskaia, M. K. [Years of youth; recollections about A. I. Kuprin] Gody molodosti; vospominaniia o A. I. Kuprine. Moskva, Sovetskii pisatel', 1960. 238 p.

KURA-ARAS LOWLAND—SALINE AND ALKALI SOILS

Leaching monoliths of chloride- and sulfate-rich saline soils from the Kura-Aras Lowland [in Azerbaijani with summary in Russian]. Sh. G. Tairov. Izv. AN Azerb SSR. Ser. biol. i med nauk no 1:117-123 '61.

KURA-ARAS VALLEY—IRRIGATION RESEARCH

Rogovskaia, N. V. [The technique of establishing hydrogeological regions for land reclamation purposes; hydrogeological land reclamation regions] Metodika gidrogeologicheskogo raionirovaniia dlia obosnovaniia melioratsii; gidrogeologo-meliorativnoe raionirovanie. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1959. 174 p.

KURA LOWLAND—MOLLUSKS

Fresh-water mollusks in waters of the right-bank area of the Kura Lowland. A. D. Aliev. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 2, 67-71 '61.

KURA RIVER—STURGEONS

Some developmental characteristics of sturgeons of the Kura River (Acipenser Guldenstadti Brandt) under different conditions of oxygen supply. IU. G. IUrovitskii, P. N. Reznichenko. Vop. ikht. i no. 2, 314-320 '61.

KURA VALLEY—PIPELINES

Comparison of the costs of building underground and ground level Kura River crossings. IU. G. Bellanimov, B. N. Semenov. Strol. truboprov. 6 no. 4:28-30 Ap '61.

KURGAN—PACKING HOUSES—FIRES AND FIRE PREVENTION

Lesson taught by a fire. G. Teslenko. Pozh. delo 7 no. 6: 17-18 Je '61.

KURILE ISLANDS—MAGNETIC ANOMALIES

Airborne magnetic surveying in the region of the Kurile-Kamchatka island chain. O. N. Solol'ev. Prikl. geofiz. no. 29:168-173 '61.

KURILE ISLANDS—OPHIUROIDEA

Nature of feeding and distribution of Ophiopholis aculeata (L). A. P. Kuznetsov, M. N. Sokolova. Trudy Inst. okean. 46:98-102 '61.

KURILE ISLANDS—ROCKS, IGNEOUS

Intrusive rocks of the southern Kurile Islands, (Shikotan, Kunashir, and Urup). G. P. Vergunov. Geol. i geofiz. no. 5: 77-80 '61.

KURILE ISLANDS—TIDAL WAVES—MAPS

Plotting charts representing the travel time of tsunamis in the region of Kurile Islands. R. N. Samuseva. Trudy MGI. 24: 85-88 '61.

KURILE ISLANDS—VOLCANOES

Volcanism of the Kurile Islands. E. K. Markhinin. Izv. AN SSSR. Ser. geol. 26 no. 6: 45-58 Je '61.

KURILE ISLANDS—WHALES

Feeding of commercial whales in the Kurile area. E. I. Betesheva. Trudy sov. Ikht. kom. no. 12: 104-111 '61.

KURNAKOV, NIKOLAI SEMENOVICH, 1860-1941

In the service of science and industry. B. Rozen. Khim. v shkole 16 no. 2:93-94 Mr-Ap '61.

KURSK—TEXTILE FACTORIES

Building a synthetic fiber plant in Kursk. I. Kotel'nikov. Na strol. Ros. no. 4:7-8 Ap '61.

KURSK, BATTLE OF, 1943

Defeat of Hitler's forces at Kursk. V. Kazakov. Nov. vrem. 19 no. 27:4-6 Jl '61.

KURSK MAGNETIC ANOMALY—IRON MINES AND MINING

Huge mine in the Kursk Magnetic Anomaly. K. M. Mashket, A. N. Infant'ev. Shakht. strol. 5 no. 5:6-8 My '61.

KURSK MAGNETIC ANOMALY—IRON ORES

Prospects of exploiting the iron ore resources of the Kursk Magnetic Anomaly. P. M. Ipatov. Gor. zhur. no. 5, 3-7 My '61.

Vainshtein, B. G. [Kursk Magnetic Anomaly is the largest iron ore center of the U. S. S. R.] Kurskaia magnitnaia anomaliia - krupneishaia zhelezorudnaia baza SSSR. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 105 p.

KURSK PROVINCE—MINING ENGINEERING

Comment on E. A. Vasil'ev's observations. M. I. Agoshkov, N. B. Enikeev, A. A. Gromyko. Gor. zhur. no. 4:78-79 Ap '60.

KURSK PROVINCE—PUBLIC HEALTH

Work of the Kursk Medical Institute in aid of the public health system. A. V. Savel'ev, A. G. Kurochkina. Zdrav. Ros. Feder. 5 no. 6:26-29 Je '61.

KURZHUNKUL'SKIY REGION—IRON ORES

Material for the study of the Kurzhunkul'skiy iron deposit. M. S. Kashtanov. Uch. zap. Kaz. un. 120 no. 4:43-57 '60.

KUSTANAY PROVINCE—MAGNETITE

Structural control of the magnetic mineralization in the Turgay trough. I. A. Kochergin. Izv. AN Kazakh. SSR. Ser. geol. no. 1:3-14 '61.

KUSTANAY PROVINCE—MINES AND MINERAL RESOURCES

Problems of developing the Kustanay industrial center. A. Borodin. Nar. khoz. Kazakh. 19 no. 6:59-62 Je '61.

KUSTANAY PROVINCE—ORE HANDLING

Evaluation of flowsheets for excavator loading on trucks at the Sokolovka-Sarbay Mining and Ore Dressing Combine. A. M. Mustafina. Trudy Inst. gor. dela AN Kazakh. SSR. 7:83-91 '60.

KUSTANAY REGION—IRON ORES

Magnetizing roasting of Lisakovskoye deposit iron ores in suspension. V. V. Chukin and others. Gor. zhur. no. 6: 60-64 Je '61.

Magnetizing roasting of Lisakovskoye deposit ores without a reducing agent. IU. G. Dmitriev and others. Gor. zhur. no. 6: 57-60 Je '61.

KUULUK-TAU—SUSLIKS

Systematic position of the relict suslik (Citellus relictus Kaschk.) and materials on its ecology in the Kuuluk-Tau (central Tien Shan). A. S. Stroganova, Chzhu Din' [Chu Tin]. Trudy Zool. inst. 29: 91-100 '61.

KUWAIT, ARABIA (STATE)—ECONOMIC CONDITIONS

Myth of "Heaven on earth" [with English summary in insert]. V. Bodianskii. Az. i Afr. segodnia no. 5: 11 My '61.

KUWAIT, ARABIA (STATE)—POLITICS AND GOVERNMENT

What is happening in Kuwait? A. Liubavin. Nov. vrem. 19 no. 29: 26-27 Jl '61.

KUYBYSHEV—BUILDING MATERIALS INDUSTRY

Effectiveness of specialization of establishments of the building materials industry. I. Belotserkovskii. Ekon. strol. no. 5: 52-54 My '61.

KUYBYSHEV—FEMUR—FRACTURE

Treatment of fractures of the femur in children in the city of Kuybyshev. L. P. Sokov. Sov. med. 25 no. 5: 139-142 My '61.

KUYBYSHEV—GEODESY

Work of the Geodesic Section of the Kuybyshev Branch of the All-Union Astronomical and Geodesic Society. K. A. Losev. Biul. VAGO no. 28: 51-55 '60.

KUYBYSHEV—POLIOMYELITIS

Epidemiological characteristics of poliomyelitis in Kuybyshev. R. T. Marderer and others. Vop. virus. 6 no. 2: 235 Mr-Ap '61.

KUYBYSHEV HYDROELECTRIC POWER STATION see Volga Hydroelectric Power Station

KUYBYSHEV PROVINCE—FIRE DEPARTMENTS

Toward new milestones. M. Kosoi. Pozh. delo 7 no. 6: 15 Je '61.

KUYBYSHEV PROVINCE—RURAL ELECTRIFICATION

Let's lay out the main electric transmission lines more quickly. A. Aizuppe. Sel'. strol. 16 no. 5:20-22 My '61.

KUYBYSHEV RESERVOIR REGION—PHOTOSYNTHESIS

Role of chemical synthesis in the production of organic substances in reservoirs. Part 5. Photosynthesis and chemical synthesis in the bays of the Kuybyshev Reservoir [with summary in English]. IU. I. Sorokin. Mikrobiologiia 30 no. 2: 289-293 Mr-Ap '61.

KUZNETSK ALA-TAU—GEOLOGY, STRATIGRAPHIC

Lower Paleozoic stratigraphy of the northern Kuznetsk Ala-Tau [with summary in English]. T. M. Dembo. Biul. MOIP. Otd. geol. 34 no. 5:73-80 S-O '59.

KUZNETSK BASIN—COAL MINES AND MINING—SAFETY MEASURES

Projects of the Eastern Scientific Research Institute for promoting safety in mine work. M. Ratushkov. Izv. vys. ucheb. zav.; gor. zhur. no. 4:161-162 '61.

KUZNETSK BASIN—GAS, NATURAL—GEOLOGY

Oil and gas potentials of the Kuznets depression. V. S. Muromtsev. Trudy VNIGRI no. 163:140-156 '60.

KUZNETSK BASIN—IRON AND STEELWORKERS

In search of a hero. Vladimir Popov. Moskva 5 no. 6: 181-197 '61.

KUZNETSK BASIN—PETROLEUM GEOLOGY

Oil and gas potentials of the Kuznets depression. V. S. Muromtsev. Trudy VNIGRI no. 163:140-156 '60.

KUZNETSOV, SERGEI IVANOVICH, 1900-

Sergei Ivanovich Kuznetsov on his 60th birthday. Mikrobiologiia 30 no. 2: 379-380 Mr-Ap '61.

KVASS

Tell us about kvass. D. S. Pavlov. Zdorov'e 7 no. 7: 31 Jl '61.

KVITKA, HYRHORII FEDORIVYCH, 1778-1843

The significance of folklore in the development of H. F. Kvitka-Osnov'ianenko's creative method. O. I. Honchar. Dosl. z lit. ta mov. no. 1:5-13 '60.

KYAKHTA—GEOGRAPHICAL MUSEUMS

Geographical museum in a school. T. Zelenetskaia. Trudy Kiakht. muz. kraeved. 17 no. 1:121-122 '59.

Report on the archaeological work conducted by the Kyakhta Geographical Museum during the summer of 1957. N. N. Mamonova. Trudy Kiakht. muz. kraeved. 17 no. 1:97 '59.

KYAKHTA DISTRICT—SAND

Struggle against the sand danger and problems of nature preservation. R. F. Tugutov. Trudy Kiakht. muz. kraeved. 17 no. 1:114-116 '59.

KYZYL KUM—CATS

Biology of Felis (Eremaelurus) margarita Loche, 1858 in the Kyzyl Kum. A. M. Allaiarov. Uzb. biol. zhur. no. 3, 63-67 '61.

KYZYL KUM—SAKSAUL

Black saksaul stands in sands of the northern Kyzyl Kum [with summary in English]. E. A. Vostokova, D. D. Vyshivkin. Biul. MOIP. Otd. biol. 66 no. 2, 98-103 Mr-Ap '61.

KYZYL KUM—SUMMER

Summer day in the Kyzyl Kum. A. A. Nazarov. Priroda 50 no. 7: 124 Jl '61.

KZYL-ORDA PROVINCE—EAGLES

Materials on the biology of the imperial eagle in the northeastern part of the Aral Sea region. V. S. Lobachev. Ornitologiia no. 3: 306-314 '60.

KZYL-ORDA PROVINCE—RAILROADS—SIGNALING

At the Kzyl-Orda division. G. I. Koliada. Avtom., telem. i sviaz' 5 no. 1: 40 Ap '61.

LABOR (OBSTETRICS)

"Bloodless" management of the third period of labor. K. IU. Levchenko. Ped., akush. i gin. 23 no. 1: 50-51 '61.

Labor in pelvic presentation in elderly primaparae. A. L. Radovskaia. Zdrav. Bel. 7 no. 5: 37-38 My '61.

Mechanism of the effect of ionizing rays on the course of labor. N. A. Kalinina. Akush. i gin. 37 no. 1: 53-56 '61.

LABOR, COMPLICATED

Use of Museux forceps in 2 cases of forced labor in pure gluteal presentation. V. F. Semchenko. Vop. okh. mat. i det. 6 no. 4:88-90 Ap '61.

LABOR AND LABORING CLASSES

(see also subdivision under Chemnitz, Great Britain, Greece; Japan; Latin America, Leningrad; United States; Ural Mountain region, Vietnam, South)

Automation of capitalist production is a disaster for the workers. A. Zvorykin. Sots. trud 6 no. 5: 30-40 My '61.

Balmashnov, A. A. [Expanded building of communism in the U. S. S. R. and the international labor movement] Razvernutoe stroitel'stvo kommunizma v SSSR i mezhdunarodnoe rabochee dvizhenie. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 186 p.

[Development of the cultural and technological level of the Soviet working class] Pod"em kul'turno-tekhnicheskogo urovnia sovetskogo rabochego klassa. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 650 p.

"The formation of skilled labor in the Soviet Union, 1917-1954" [in French] by Marcel Anstett. Reviewed by L. IA. Gintsburg. Sov. gos. i pravo 31 no. 7: 148-149 Jl '61.

From the editor's mail. Sots. trud 6 no. 5: 133-136 My '61.

Gur'ianov, S. Kh. [Analyzing the fulfillment of the labor plan in an industrial enterprise] Analiz vypolneniia plana po trudu na promyshlennom predpriiatii. Moskva, Gos. izd-vo planovo-ekon. lit-ry, 1961. 75 p. (V pomoshch' propagandistam i slushateliam sistemy partiinogo prosveshcheniia)

In the Labor Institute. Sots. trud 6 no. 5: 146-147 My '61.

Leites, N. S. [Ability, labor, and talent] Sposobnosti, trud, talant. Moskva, Izd-vo "Znanie," 1961. 32 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 10, Molodezhnaia, no. 13)

Let us talk about honesty. V. Boldyrev. Sov. profsoiuzy 17 no. 12: 30-31 Je '61.

Mitiukov, O. H. [On the road to the victory of communist labor] Na shliakhu do peremogy komunistychnoi pratsi. Kyiv, 1961. 46 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 1, no. 7)

Noiryah, A. I. [Labor and communism] Trud i kommunizm. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 164 p.

[People going forward] Idushchie vperedi. Moskva, Gos. izd-vo polit. lit-ry, 1961. 438 p.

Shestakov, S. V. [Bolsheviks at the head of the labor movement in Russia during the years of the First World War, 1914 - February 1917] Bol'sheviki vo glave rabochego dvizheniia Rossii v gody pervoi mirovoi voiny, 1914-g. - fevral' 1917 g. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 150 p.

Triumph of free labor. Sots. trud 6 no. 5: 3-10 My '61.

Workers of the munitions plants of the Ministry of War in the first half of the 19th century. N. N. Kononova. Uch. zap. LGU no. 270:118-144 '59.

LABOR AND LABORING CLASSES—BIBLIOGRAPHY see Bibliography—Labor and laboring classes

LABOR AND LABORING CLASSES—DWELLINGS
(see also subdivision under Dorogobuzh)

Five-story apartment house for mailmen Vest sviazi 21 no 4 32 Ap '61

LABOR AND LABORING CLASSES—EDUCATION see subdivision under Kazakhstan

LABOR AND LABORING CLASSES—RESEARCH

Labor problems in the 1961 work plans of research institutes. Biul nauch. inform - trud i zar. plata 4 no 4 45-49 '61

LABOR COURTS

Transfer of criminal cases initiated by private persons to fellow workers' courts. I Gal'perin Sov iust no. 12, 20-21 Je '61

LABOR DISPUTES
(see also subdivision under United States)

Integration of the judicial practice of the Supreme Court of the R S F S R in labor disputes Sov iust no 12 12-15 Je '61

Karavaev, V. V., A. M. Kaftanovskaia, and R. Z. Livshits. [Settlement of labor disputes; a commentary] Razreshenie trudovykh sporov, kommentarii. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 222 p

LABOR JOURNALISM see Journalism, Labor

LABOR LAWS AND LEGISLATION

Answering our readers' questions Sov. iust. no 12 31 Je '61

Answers to questions. Sots trud 5 no 12 140-142 D '60

Discussing the controversial problems of labor law. Sov. gos. i pravo 31 no 6 108-114 Je '61

Discussing the proposed labor code of the R. S. F. S. R I B Martynovich Izv vys ucheb zav ,prav. 4 no 1 177-180 '60

Integration of the judicial practice of the Supreme Court of the R. S. F. S. R. in labor disputes Sov. iust no. 12 12-15 Je '61.

"Legal acts which regulate the work of employees and workers" by F M Leviant. Reviewed by D M Akopova and others Vest LGU 16 no 11:142-144 '61.

Survey of labor legislation Sots. trud 6 no 5 150-152 My '61.

LABOR LAWS AND LEGISLATION—PERIODICALS

Legal consultation organized by the periodical's editor Sots. trud 5 no 12 144 D '60

LABOR MOBILITY

Questionnaire study of reasons for labor turnover in industries of regional economic councils. L Kaplan Biul. nauch. inform trud i zar. plata 4 no 4 33-39 '61.

LABOR PRODUCTIVITY
(see also subdivision under Armenia; Karaganda Economic region)

Communist labor enterprises S Gershberg Sots trud 6 no. 5 11-19 My '61

Developing branch methods for planning labor productivity. B. Bukhanevich. Biul. nauch. inform. trud i zar. plata 4 no. 6, 3-8 '61.

Hidden potentialities for the increase of labor productivity in the production of construction glass M Plotkina, B. Pozin. Sots. trud 6 no 5 58-60 My '61

Increasing accountants' labor productivity. L. Sibiriakov. Sots. trud 5 no. 12 63-70 D '60

Kheinman, S. A. [Production organization and labor productivity in the U. S. S. R. industry; based on machinery manufacturing and ferrous metallurgy] Organizatsiia proizvodstva i proizvoditel'nost' truda v promyshlennosti SSSR; na primere mashinostroeniia i chernoi metallurgii. Pod obshchei red. K. I. Klimenko. Moskva, Gos. izd-vo planovo-ekon. lit-ry, 1961. 225 p.

Labor expenditure is the basic indication of labor productivity. L. Vainshtein, M. Gerber. Ekon. Rad. Ukr. no. 3: 107-112 My-Je '61.

Labor productivity in the industrial enterprises of capitalist countries. P Khromov. Ekon. Rad. Ukr. no. 3 100-106 My-Je '61.

Steady growth of labor productivity in a socialist society and the differentiation of labor productivity V A. Pervushin. Trudy Nov. inzh.-stroi. inst. 9, 60-70 '59.

LABOR PRODUCTIVITY—BIBLIOGRAPHY see Bibliography—Labor productivity

LABOR SERVICE

Volunteers' overtime work on Saturday herald the labor free from exploitation Vsem. prof dvizh no. 5-51-52 My '61.

LABOR SUPPLY

Volkov, F. M. [Expanded replacement of skilled labor in the U. S. S. R.] Rasshirennoe vosproizvodstvo kvalifitsirovannoi rabochei sily v SSSR. [Izd-vo sotsial'no-ekon. lit-ry, 1960] 205 p.

[MICROFILM]

LABORATORIES—EQUIPMENT AND SUPPLIES

Equipment for experimental and practical use. S Kristi Vest sel'khoz nauki 6 no 6,124-127 Je '61

LABORATORIES, PHYSICAL see Physical laboratories

LABORATORY ANIMALS—BIBLIOGRAPHY see Bibliography—Laboratory animals

LABORATORY SCHOOLS

What the laboratory school of a pedagogical institute should be like? A. Zheltov. Nar. obr. no. 6 35-37 Je '61

LABYRINTH (EAR)—SURGERY

Time for surgical intervention in fistulas of the labyrinthine capsule [with summary in English] V V Chernyi Zhur ush ,nos i gorl. bol 21 no. 1:38-41 Ja-F '61

LACQUER AND LACQUERING

Oxidation-reduction initiating systems used in polyester lacquers. N G Shtan'ko Lakokras mat. i ikh prim. no 3 14-19 '61.

LACRIMAL ORGANS

Reaction of lacrimal and salivary glands to specific and nonspecific stimuli I A Lapina Fiziol zhur 47 no 4:483-486 Ap '61

LACTAMS

Kinetics and thermal effect of the hydrolysis of some N-substituted lactams. A. K. Bonetskaia and others. Izv. vys. ucheb. zav. ,khim. i khim. tekh. 4 no. 1:74-77 '61.

Lactones and lactams. Report 20. Reactions of N-(chloralkyl) lactams with alcohols. M F Shostakovskii and others Izv AN SSSR, Otd. khim. nauk no. 6 1111-1116 Je '61.

Synthesis of aliphatic amino acids from thiophene derivatives. Part 6 Preparation of ε - and ζ -amino acids and C-substituted lactams IA. L Gol'dfarb, B P. Fabrichnyi, I F Shalavina Zhur ob khim. 31 no 6 2057-2064 Je '61.

LACTATION

"How milk is formed" by G I Azimov Reviewed by G B. Tverskoi. Priroda 50 no. 7 123 Jl '61

Nature of the 1st phase of the lactation reflex. S. A. Aminov. Fiziol. zhur 47 no 4:448-453 Ap '61

Precursors of milk proteins and their biosynthesis V G IAkovlev. Izv AN Kir SSR, Ser biol nauk 2 no 5 5-28 '60.

Significance of underdevelopment of the tissue of the breast for the development of so-called primary hypolactation. M G Morozova Akush i gin 37 no 1: 43-50 '61

Use of pituitrin in various forms of lactation disorders during the puerperal period I. A Mazhbits. Akush i gin. 37 no 1:50-53 '61

LACTIC ACID

Lactic acid and hemoglycolysis F. I Gimmerikh, R. N. Kulakova. Izv AN Kir SSR. Ser biol. nauk 2 no 5 99-101 '60.

LACTIC ACID BACTERIA

"Biology of lactic acid bacteria" by E. I. Kvasnikov. Reviewed by E. M. Bogdanov Mikrobiologiia 30 no. 2 364-367 Mr-Ap '61

Heat-resistant lactic acid bacillus is the cause of excessive acidity in dairy products [with summary in English]. N. S. Koroleva Mikrobiologiia 30 no 2 328-334 Mr-Ap '61

LACTOBACTERIUM PENTOACETICUM

Influence of the acidity of a medium on the correlation of fermentation products of Lactobacterium pentoaceticum [with summary in English]. N. N. Grechushkina. Mikrobiologiia 30 no. 2:221-228 Mr-Ap '61.

LAGOCHILUS see subdivision under Kirghizistan

LAMBLIASIS see Giardiasis

LAMBS
(see also subdivision under Azerbaijan)

Breed-related characteristics of the development of ovaries in newborn lambs. E. F. Polikarpova, M V. Nevzgodina. Trudy Inst. morf. zhiv. no. 35 186-207 '61.

Changes in the morphological composition of the blood of fine-wool lambs in connection with their age, feeding conditions and constitutional type. A I. Kniazev. Dokl. TSKhA no 61 137-143 '61.

Characteristics of the development of ovaries in lambs of the Soviet Merino and Daghestan mountain sheep. E. F. Polikarpova Trudy Inst. morf. zhiv. no. 35. 170-185 '61.

Development and growth of the skin in Gissar sheep during their first year of life. E P. Panfilova. Trudy Inst morf. zhiv. no. 35 95-109 '61.

Effect of the level of milk feeding on the development of secondary hair follicles in Vyatka sheep. E. P. Panfilova. Trudy Inst. morf. zhiv. no. 35.270-275 '61.

Structure and development of connective tissue elements of the skin in Romanov and Vyatka sheep. N. V. Mikhailova. Trudy Inst. morf. zhiv. no 35:128-147 '61.

LAMBS—FEEDING AND FEEDS

Effect of feeding on the wool production of fine-wool lambs of different constitutional types A I Kniazev Dokl TSKhA no 61 129-136 '61.

LAMELLIBRANCHIATA see subdivision under Atlantic Ocean, Pacific Ocean

LAMELLIBRANCHIATA, FOSSIL see subdivision under Mangyshlak Peninsula; Polovinka Valley

LAMINAR FLOW

Calculating the mass transfer rate in a laminar boundary layer flow with heterogeneous chemical reactions obeying diverse kinetic laws. A M Suponitskii. PMTF no. 1 74-77 Jl-Ag '60

Spreading apart of a laminar gas layer in the case of gradual energy release. I. V. Nemchinov. PMTF no 1:17-26 Ja-F '61.

LAMINATED PLASTICS—STANDARDS

Standard for decorative laminated paper plastics. Zhil. stroi. no. 5:11 My '61

LAMPREYS see subdivision under Murman Coast

LAMPS see subdivision under Mil'skaya Steppe

LAND CLEARING see Clearing of land

LAND SETTLEMENT see subdivision under Ussuri Valley

LAND TENURE see subdivision under Asia, Central; Indonesia

LANDFORMS see subdivision under Dubna Valley; Oka Valley; Yakhroma Valley

LANDSCAPE ARCHITECTURE
(see also subdivision under Finland)

Let's make our cities beautiful and well-planned I. Zatchenko. Arkhit. SSSR no. 5:37-40 '61.

LANDSCAPE GARDENING
(see also subdivision under Magnitogorsk)

Landscaping hospital grounds. L. Lysaia. Sel'. stroi. 15 no. 4:25-26 Ap '61.

Romanov, A. A. [Landscape work in the collective farm village] Ozelenenie kolkhoznogo sela. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 36 p.

LANDSLIDES see subdivision under Apsheron Peninsula

LANGUAGE AND LANGUAGES

Development of the field of linguistics. Vest AN SSSR 31 no. 5,100-101 My '61.

Expansion of research by the Institute of Linguistics Vest. AN SSSR 31 no 5 101 My '61.

Gillarevskii, R. S., and V. S. Grivnin. [Distinguishing features of written languages of the world] Opredelitel' iazykov mira po pis'mennostiam. Izd. 2., ispr. Moskva, Izd-vo vostochnoi lit-ry, 1961. 301 p.

LANGUAGE AND LANGUAGES—BIBLIOGRAPHY see Bibliography—Language and languages

LANGUAGE AND LANGUAGES—STUDY AND TEACHING

Akademiia pedagogicheskikh nauk RSFSR, Moscow. Institut obshchego i politekhnicheskogo obrazovaniia. [The teaching of foreign languages in the eight-year school according to the new programs] O predpodavanii inostrannykh iazykov v vos'miletnei shkole po novym programmam. Pod red. A. A. Mirolubova. Moskva, 1961. 126 p.

Improving the study of foreign languages. Nar. obr. no 7:9-10 Jl '61.

Kuznetsov, P. S. [Principles of the study of grammar; materials for courses in linguistics] O printsipakh izucheniia grammatiki; materialy k kursam lazykoznaniia. Pod obshchei red. V. A. Zvegintseva. [Moskva] Izd-vo Mosk. univ., 1961. 98 p.

LANTERN-FISHES see subdivision under Pacific Ocean

LANTHANUM—ELECTRIC PROPERTIES

Investigation of the electric resistance of cerium, lanthanum and neodymium at pressures up to 250,000 kg/cm L. F Vereshchagin, A. A. Semerchan, S. V. Popova Dokl. AN SSSR 138 no. 5:1059-1061 Je '61.

LANTHANUM-CHROMIUM ALLOYS see Chromium-lanthanum alloys

LANTHANUM SULFATE

Mutual solubility of lanthanum sulfate and sodium sulfate V. B. Tulinova and others. Zhur. neorg. khim 5 no. 3 695-700 Mr '60.

LAOS

Laos. Nov. vrem. 19 no. 27:3 Jl '61.

LAOS—POLITICS AND GOVERNMENT

"Neo lao hak sath" stands for freedom and independence [with English summary in insert]. I. Podkopaev. Az. Afr. seg. no. 6:7-8 Je '61.

LAPLACE TRANSFORMATION

Application of the two-dimensional Laplace transformation in the determination of the correlation function of the output signal of a linear dynamic system [with summary in English] A. N. Sklyarevich Avtom. i telem 22 no. 5 571-578 My '61.

LAPTEV SEA—CODFISH

Materials on the reproduction and development of fishes in the Laptev Sea. Report No. 1: East Siberian cod (Arctogadus borisovi, Gadidae) O. A. Zviagina Trudy Inst. okean. 43:320-337 '61.

LAPTEV SEA REGION—ICE ON RIVERS, LAKES, ETC.

Effect of streamflow on the freezing of the mouths of rivers in the shore area of the Laptev Sea. V. S. Antonov. Trudy AANII 213 5-37 '61.

LARCH

Open the road for the use of larch wood. R. Bokshanin. Les. prom. 39 no. 6:29 Je '61

Structure of larch stands. V. I. Kalinin. Izv. vys. ucheb. zav., les. zhur 4 no. 2:157-159 '61

Tikhomirov, B. N. [Floating larch on the rivers of Eastern Siberia] Splav listvennitsy po rekam Vostochnoi Sibiri. Moskva, Goslesbumizdat, 1959. 44 p.

LARVAE—FISHES

Ecological and morphological characteristics of larval development in the white sturgeon Huso huso (L.). N. I. Dragomirov. Trudy Inst. morf zhiv. no. 33:72-93 '61.

Effect of fixation on the size of eggs, praelarvae, and larvae in some flounder species of the family Pleuronectidae. T. A. Pertseva-Ostroumova. Trudy Inst okean. 43:337-345 '61.

Effect of starvation on the development of Rutilus frisii kutum Kamensky at the beginning of its larval period of life. K. S. Popova. Trudy Inst. morf zhiv. no. 33:63-71 '61.

LARVAE—INSECTS

Cytological foundations of the growth of chironomid larvae. A. S. Konstantinov, A. V. Luzina TSitologiia 3 no. 3:341-344 My-Je '61

Description of the larvae of three species of the lamellicorn superfamily (Coleoptera, Lamellicornia) from Tajikistan. S. I. Medvedev. Ent. oboz. 40 no. 2: 385-389 '61.

Instar changes in larvae of the owlet moths Polia oleracea L. and P. dissimilis knoch [with summary in English]. O. I. Merzheevskaia. Zool. zhur. 40 no. 6: 859-864 Je '61.

Larvae of darkling beetles of the subfamily Pimeliinae (Coleoptera, Tenebrionidae) from western Kazakhstan [with summary in English]. S. I. Keleinikova. Ent. oboz. 40 no. 2:371-384 '61.

Technique of determining the size-weight characteristics of invertebrate organisms serving as food of fishes Report No. 5: Length-weight (live, raw, dry)-size relationships of labia in larvae of some dragonfly species. E. V. Borutskii, I. I. Girsa. Vop ikht. 1 no. 2:354-362 '61

LARYNGEAL NERVE—DISEASES

Diagnosis and treatment of neuralgias of the superior laryngeal nerve of a peripheral nature [with summary in English]. B. L. Frantsuzov. Zhur. ush., nos. i gorl. bol. 20 no. 6:52-56 N-D '60.

LARYNX—CANCER

Case of cancer of the larynx in a 15-year old boy. F. M. Naumchik. Zhur. ush., nos. i gorl. bol. 21 no. 3:59-60 My-Je '61.

Effectiveness of radiation treatment of laryngeal cancer in relation to the stage of the disease. D. E. Rozengauz, I. A. F. Lovin. Zhur. ush., nos. i gorl. bol. 21 no. 3: 66-67 My-Je '61.

Extended indications for surgical treatment of metastases from laryngeal cancer in the cervical lymph nodes [with summary in English]. M. L. Sanotskii Zhur ush., nos. i gorl. bol. 21 no. 1:66-69 Ja-F '61.

Observations on the immediate results of treating laryngeal cancer with diploe [with summary in English]. T. V. Bogdanova. Zhur. ush., nos. i gorl. bol. 21 no. 3:38-41 My-Je '61.

Surgical treatment of regional metastases of laryngeal cancer without removal of the primary focus [with summary in English]. S. I. Mostovoi. Zhur. ush., nos. i gorl. bol. 21 no. 3:14-17 My-Je '61.

Use of intubation anesthesia in surgery for laryngeal cancer [with summary in English]. D. A. Kazanskii. Zhur. ush., nos. i gorl. bol. 21 no. 3:24-29 My-Je '61.

LARYNX—TUMORS

Atypically growing laryngocele [with summary in English]. Iu. B. Preobrazhenskii. Zhur. ush., nos. i gorl. bol. 21 no. 2:46-50 Mr-Ap '61.

Rare benign tumors of the larynx and esophagus. D. A. Bytchenko. Zhur. ush., nos. i gorl. bol. 21 no. 2: 71-72 Mr-Ap '61.

Rare teratoid tumor of the larynx with prolapse from the oral cavity. M. N. Ivashchenkov, A. D. Matveev. Zhur. ush., nos. i gorl. bol. 21 no. 3:60-61 My-Je '61.

Treatment of papillomas of the larynx in children with podophyllin. A. S. Samokhvalova, S. N. Olenev. Zhur. ush., nos. i gorl. bol. 21 no. 2:67-70 Mr-Ap '61.

LARYNX—WOUNDS AND INJURIES

Closed injury of the larynx with complete avulsion of the trachea. I. A. Poliak. Zhur ush., nos. i gorl. bol 21 no. 1:73-75 Ja-F '61

LATEX

Gelation of latex by means of finely dispersed suspensions D. M. Sandomirskii, I. D. Pil'menshtein, N. E. Khmel'nitskaia. Kauch. i rez 20 no. 7-8:3 Jl '61.

LATHES

(see also subdivision under Armenia)

"Micarta" antifriction strips for guide carriages. Mor. flot 21 no. 3:48 Mr '61.

Model MP-20 semiautomatic turning and screw-cutting lathes. Prom. Arm. 4 no. 4:64 Ap '61.

My suggestion. A. IAnkovskii. Zhil.-kom. khoz. 11 no. 4:24 Ap '61.

The NT-24 automatic multicut lathe. K. K. Shrainer. Biul. tekh.-ekon. inform no. 5 33-34 '61.

The 1563 lathe. V. I. Lopukhin. Biul. tekh.-ekon. inform no. 6:28-29 '61.

LATHES—ATTACHMENTS

Leningradskii dom nauchno-tekhnicheskoi propagandy. [Swivel carriage for cutting screw threads on turret lathes] Povorotnyi support dlia narezaniia rez'by na revol'vernykh stankakh. Leningrad, 1954. 5 p. (Informatsionno-tekhnicheskii listok, no. 6(579))

Machining flat templates on lathes. A. A. Labuzov. Mashinostroitel' no. 6:17 Je '61.

Mandrel for machining and polishing bushings. L. M. Stavitskii. Trakt. i sel'khozmash. 31 no. 7 42-43 Jl '61.

LATHES—TECHNOLOGICAL INNOVATIONS

Even a good machine could be improved. P. Zaika. Izobr. i rats. no. 6:10-11 Je '61.

Moscow. Eksperimental'nyi nauchno-issledovatel'skii institut metallorezhushchikh stankov. [Standard design for the modernization of 1M36 and 137 turret lathes] Tipovoi proekt modernizatsii revol'vernykh stankov modelei 1M36 i 137. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 396 p.

LATHES—VIBRATION

Vibration of double-sided vertical boring and turning lathes V. A. Kudinov, S. S. Kedrov, G. A. Ermakov Stan i instr. 32 no. 6:17-18 Je '61.

LATIN AMERICA—ECONOMIC CONDITIONS

Unity and struggle in Latin America. Vicente Lombardo Toledano Vsem prof. dvizh. no. 5 12-15 My '61.

LATIN AMERICA—LABOR AND LABORING CLASSES

The Inter-American Regional Organization of Workers of the I. C. F. T. U. is against Cuba. Vsem. prof dvizh. no. 5 11 My '61.

LATIN AMERICA—TRADE UNIONS

Interview with Juan Campos, vice-president of the Unified Center of Chilean Workers. Juan Campos. Vsem. prof. dvizh. no. 5:15-16 My '61.

Unity and struggle in Latin America Vicente Lombardo Toledano. Vsem prof. dvizh. no. 5 12-15 My '61.

LATIN LANGUAGE—GRAMMAR

Tronskii, I. M. [Historical grammar of the Latin language] Istoricheskaia grammatika latinskogo iazyka. Moskva, Izd-vo lit-ry na inostr. iazykakh, 1960. 319 p.

LATTICE THEORY

Band structure of complex semiconductors. Determining the band structure of Si, Ge, and GaAs by the simplified method of orthogonal plane waves. F. M. Gashimzade, V. E. Khartsiev. Fiz. tver tela 3 no. 5:1453-1457 My '61.

Spin-lattice relaxation of localized electrons (Raman dispersion of acoustical phonons). V. IA. Zevin. Fiz. tver. tela 3 no. 2:599-606 F '61.

State of the theory of polarization of ideal ionic and valency crystals. K. B. Tolpygo. Usp. fiz. nauk 74 no. 2:283-288 Je '61.

Theory of crystalline lattices with noncentral interatomic interaction. V. S. Oskotskii, A. L. Efros. Fiz. tver tela 3 no. 2:611-624 F '61.

LATVIA—CONSTRUCTION INDUSTRY

New model plans for residential and urban construction. Biul. strol. tekh. 18 no. 4:41 Ap '61.

Work of the architecture and construction council. Biul. strol. tekh. 18 no. 4:41 Ap '61.

LATVIA—FARM MECHANIZATION

For high technical standards. I. Sterkin, V. Feitsin. Sel'. mekh. no. 6:20-21 '61.

LATVIA—FLAX—FERTILIZERS AND MANURES

Results obtained from applying potassium fertilizers to flax in the eastern flax growing zone of the Latvian S. S. R. [with summary in English]. A. IU. Shteinberg. Trudy VNIIL no. 6:128-140 '60.

LATVIA—HYDRAULIC ENGINEERING

Conference of hydraulic engineers. Mor. flot 21 no. 1:48 Ja '61.

LATVIA—JOURNALISM, AGRICULTURAL

From the fields and farms of Latvia. Ch. Zgirskis. Sov. pech. no. 7-10-11 Jl '61

LATVIA—LUMBERING—MACHINERY

What kind of machines are effective for operations in Latvian forests? S. Pachman Les prom. 39 no. 5 14 My '61.

LATVIA—RADIO INDUSTRY

Visiting us. P. Pook. Izobr. i rats. no. 6:12 Je '61.

LATVIA—RUSSIAN SOCIAL DEMOCRATIC PARTY

N. K. Krupskaia's letters to the Latvian Bolsheviks. S. Ziemelis, O. Spoge. Vop ist. KPSS 5 no. 4:140-150 '61

LATVIA—TELECOMMUNICATION

Concerning the efficiency of consolidating the technological communication resources at line servicing centers. N. M. Dovbenko. Vest. sviazi 21 no. 3:30-31 Mr '61.

Improve the quality of the work of communication departments Vest. sviazi 21 no. 3:20-22 Mr '61.

LAUNDRY INDUSTRY

Using electric steam boilers in hotel laundries. V. F. Golovachev, V. E. Tumanov. Gor. khoz. Mosk. 35 no. 5:36-37 My '61.

LAVA see subdivision under Caucasus

LAVRENEV, BORIS ANDREEVICH, 1891

Great Soviet writer P. Mus'kakov. Sov voin 43 no. 12-44 Je '61.

LAW—BIBLIOGRAPHY see Bibliography—Law

LAW—CASES

Judicial practice. Sov. iust. no 12:27-31 Je '61.

Russia (1923- U. S. S. R.) Verkhovnyi sud. Plenum. [Collection of decisions of the Plenum of the Supreme Court of the U. S. S. R.; 1958-1960] Sbornik deistvuiushchikh postanovlenii Plenuma Verkhovnogo Suda SSSR, 1958-1960 gg. Pod red. N. K. Morozova, 1961. 96 p.

LAW—CODIFICATION

A conference of the All-Union Institute of Legal Science. Sov. iust. no. 12:23-24 Je '61

LAW—LANGUAGE

Some problems of legal machine language [with summary in English]. L. I kask Vest. LGU 16 no. 11:135-138 '61.

LAW—PERIODICALS see subdivision under Germany, East; Hungary

LAW—PHILOSOPHY

"General problems in the theory of Soviet law." Reviewed by M. D. Shargorodskii, D. A. Kerimov, IU. K. Tolstoi. Sov. gos. i pravo 31 no. 7:139-143 Jl '61.

A pithy book on the creation of legal rules ("Freedom, law, and legality in a socialist society" by D. A. Kerimov. Reviewed by A. A. Piontkovskii). Sov. gos i pravo 31 no. 5 127-129 Je '61.

LAW—STUDY AND TEACHING

A methodological conference at the Law Faculty of Leningrad University. V. F. IAkovleva Vest. LGU 16 no. 11:156-157 '61.

LAW AND ETHICS

Three phases in the development of bourgeois theories concerning the relation of law to ethics. N. M. Keizerov Izv. vys. ucheb. zav., prav 4 no. 1:135-140 '60.

LAWYERS

We should try to eliminate the unauthorized practice of law. D. Golubovskii Sov. iust. no. 12:19-20 Je '61

LAXATIVES see Purgatives

LAYING-OUT (MACHINE-SHOP PRACTICE)

Efficient laying-out of metals. I. S. Gurevich, A. G. Ptitsyn. Mashinostroitel' no. 6:25 Je '61.

LEACHING

Chemism of the leaching process of sulfate-limestone sinters. T. I. Avdeeva, Z. S. Tkacheva. Trudy Khim.-met. inst. Sib. otd. AN SSSR. no. 15:55-59 '60.

Extraction of tellurium from saturated lead leaching reagents. V. S. Loychikov and others. Izv. vys. uchob. zav.; tsvet. met. 4 no. 2:97-101 '61.

Leaching monoliths of chloride- and sulfate-rich saline soils from the Kura-Aras Lowland [in Azerbaijani with summary in Russian]. Sh. G. Tairov. Izv. AN Azerb. SSR, Ser. biol. i med. nauk no. 1:117-123 '61.

Leaching of sulfide concentrates with simultaneous solution of elementary sulfur being precipitated. V. V. Ermilov. Trudy Inst. met. i obogashch. AN Kazakh. SSR 3:168-183 '60.

Leaching sulfidized soils. A. S. Khabirov. Izv. AN Uz. SSR, Ser. tekh. nauk no. 3:27-37 '61.

Optima conditions for the leaching of sulfate-limestone sinters. T. I. Avdeeva, A. S. Kolosov, I. S. Lileev. Trudy Khim.-met. inst. Sib. otd. AN SSSR. no. 15:61-73 '60.

LEACHING (Continued)
Phase constitution of catalysts obtained by the leaching of Al-Ni alloys D I Lainer, N M Kagan Fiz met i metalloved 11 no 6 831-842 Je '61
Reducing the content of acid-soluble zinc in the bottom discharging of a neutrally thickened pulp D A Taraskin Trudy Alt GMNII AN Kazakh SSR 9 243-214 '60.
Removing silica from cesium sulfate solutions. A. G. Motina. Nauch trudy MGI no 27 151-155 '59.

LEAD
Electronographic study of phase formation in binary layers of Pb - S and Pb - Se G A Efendiev, I V. Ivanova. Dokl AN Azerb. SSR 17 no 4 279-281 '61
Temperature dependence of short-range order in liquid lead [with summary in English] IA. I. Dutchak Ukr fiz zhur 5 no 1 94-99 Ja-F '60.

LEAD—ANALYSIS
Acceleration of urine mineralization in examination for lead. S. N. Tiukhteneva. Gig. i san 26 no. 1.63-66 Ja '61.

LEAD—ELECTROMETALLURGY
(see also subdivision under Altai Mountains)
Electrolytic refining of lead in a sulfamate electrolyte [from "Lead News," no. 8, 1959]. A S. Pen'ko TSvet. met 34 no. 2 93 F '61
Interconnection of electric and geometric parameters of electrode furnaces and their industrial purpose. P. V. Sergeev, G. F. Platonov Trudy Alt. GMNII AN Kazakh. SSR 9.181-188 '60

LEAD—ISOTOPES
"Lead isotopes in geology" [in English] by R. D. Russell, R. M. Farquhar. Reviewed by A. I. Tugarinov. Geokhimiia no. 6:539 '61.
Pairing forces and pair correlations in the Pb^{206} nucleus [with summary in English]. V. N. Guman, L. A. Sliv, G. A. Sogomonova. Zhur. eksp. i teor fiz 40 no 1. 341-351 Ja '61.

LEAD—METALLURGY
(see also subdivision under Leninogorsk)
Lead desulfuration theory. V. M. Andreev, F. M. Loskutov. Izv. vys. ucheb. zav. ; tsvet. met. 4 no. 2:58-64 '61.
Phenomenon of the afterblow in shaft furnace smelting of oxidized nickel ores and lead sinter I D Reznik. TSvet. met. 34 no. 2 30-38 F '61.
Studying processes taking place during the removal of bismuth from lead. G. S Rozhavskii, M. P. Smirnov. TSvet. met. 34 no. 6 13-22 Je '61.

LEAD—SPECTRA
New line in the spectrum of lead. G. A. Pavlov. Trudy IREA no 22 59 '58.

LEAD—THERMAL PROPERTIES
Changes in the heat conductance of lead, bismuth and gallium during melting. B P. Pashaev. Fiz. tver. tela 3 no. 2 416-419 F '61.

LEAD BROMIDE
Fusibility diagram of a ternary system of potassium bromide, cadmium bromide, and lead bromide. L I. Il'iasov, S. D. Dionis'ev, A. G. Bergman. Zhur. neorg. khim. 5 no. 3:664-667 Mr '60.

LEAD COMPOUNDS
Nitro complexes of lead and cadmium. V. F. Toropova, F. M. Batyrshina. Izv. vys. ucheb. zav. ;khim. i khim. tekh. 4 no. 1:13-15 '61.

LEAD COMPOUNDS—ELECTRIC PROPERTIES
Radiative recombination of holes and electrons in PbS, PbSe, and PbTe. N. S. Baryshev. Fiz. tver. tela 3 no. 5 1328-1430 My '61.

LEAD IN THE BODY
Fate of lead introduced into the organism. B. A Atchabarov, K. K. Makashev, N. P. Shestakova Vest. AN Kazakh SSR 17 no. 5 48-55 My '61

LEAD ORES see subdivision under Amikel Valley

LEAD OXIDE
Properties of the melts of the PbO - SiO_2 system as studied by the electromotive force method at 1200°C. V. I. Minenko, S. M. Petrov, N. S. Ivanova. Izv. vys. ucheb. zav. ;khim. i khim. tekh. 4 no. 1:3-6 '61.
Surface tension and density of alloys containing oxides of lead, vanadium, and silicon. B. M. Lepinskikh, O. A. Esin, G. A. Teterin. Zhur. neorg. khim. 5 no 3:642-648 Mr '60.

LEAD SELENIDE—THERMAL PROPERTIES
Heat transfer in bipolar diffusion of current carriers in lead telluride and selenide. E. D. Devistkova, A. V. Petrov, I. A. Smirnov. Fiz. tver. tela 3 no. 5:1338-1341 My '61.

LEAD SULFIDE—ELECTRIC PROPERTIES
Structure and electromotive force of photovoltaic layers of lead sulfide produced by sublimation under vacuum. R. IA. Berlaga, M. I. Rudenok. Izv. AN SSSR, Ser. fiz. 25 no. 6:739-741 Je '61.
Temperature dependence of the conductivity of lead sulfide layers at a frequency of 10^{10} c.p.s V G. Erofeichev, L. N. Kurbatov Fiz. tver. tela 3 no 2 595-598 F '61

LEAD TELLURIDE—THERMAL PROPERTIES
Heat transfer in bipolar diffusion of current carriers in lead telluride and selenide. E. D. Devistkova, A. V. Petrov, I. A. Smirnov Fiz. tver. tela 3 no. 5.1338-1341 My '61.

LEAD-TIN ALLOYS
Removal of lead-tin coatings from lead-plated iron. V. P. Kochergin Sh. I Belinis. Izv. vys. ucheb. zav., khim. i khim tekh. 3 no. 2:337-340 '60.

LEAD-ZINC ALLOYS—THERMAL PROPERTIES
Determining the thermodynamic properties of zinc in small concentrations in the system zinc-lead. G. V. Kim and others Izv. AN Kazakh. SSR. Ser. met., obog. i ogneup no. 1:20-25 '61.

LEAF BEETLES
A new species of leaf beetles Psyllodes agropyri sp. nova (Coleoptera, Chrysomelidae) from the U. S. S. R. V. F. Palii. Ent. oboz. 40 no. 2:390-391 '61.

LEAF HOPPERS see subdivision under Soviet Central Asia

LEAF MINERS
Bioecological characteristics of the spinach leaf miner and measures for its control in the central non-Chernozem zone. N K. Torianskaia. Dokl. TSKhA no. 59:185-188 '60.

LEAF RUST OF WHEAT
Activeness of catalase and peroxidase in winter wheat varieties with various leaf rust resistance. V F. Peresypkin, V D. Hotsuliak. Visnyk sil' hosp. nauky 4 no. 6:105-108 Je '61

LEARNING, PSYCHOLOGY OF
Rate of progress as one of the indexes of individual differences among pupils [with summary in English]. Z I. Kalmykova. Vop. psikhol 7 no. 2:41-50 Mr-Ap '61.

LEASED TERRITORIES
"The theory of competence" as the apology for American military bases in foreign countries M. I Lazarev Izv vys ucheb zav. ,prav 4 no. 1:126-134 '60.

LEAST SQUARES
On the linear estimation theory for an infinite number of observations [in English]. J. Hájek. Teor. verolat. i ee prim. 6 no. 2:182-193 '61.

LEATHER
Methods of refining chrome leather. M. IA. Kutovskii. Kozh. -obuv prom. 3 no. 3 21-23 Mr '61.
Production of Russian leather and of footwear manufactured with the hot vulcanization method. M. L. Derbaremdiker and others. Kozh. -obuv. prom 3 no 3: 17-20 Mr '61.
Qualitative indices of the various types of goatskin leather. E. V. Gaevoi. Kozh. -obuv. prom 3 no 3:5-8 Mr '61.
Simplified liming method for processing goatskin leather. Kozh -obuv. prom. 3 no 3:13 Mr '61

LEATHER INDUSTRY
(see also subdivision under Czechoslovakia; Moldavia)
Improve the salvaging of raw leather waste. V. M. Shamshurin. Kozh. -obuv. prom 3 no 3:0 Mr '61.

LEATHER INDUSTRY—STUDY AND TEACHING see subdivision under Czechoslovakia

LEATHER INDUSTRY—TECHNOLOGICAL INNOVATIONS
In the Committee on Inventions and Discoveries of the Council of Ministers of the U S. S. R. E. Goncher. Kozh -obuv. prom. 3 no 3:40 Mr '61.

LEAVES
Leafage and the weight of the aerial parts of trees in birch stands of the subzone of conifer-hardwood forests. V. V. Smirnov. Soob. Lab. lesoved. AN SSSR no. 4:86-97 '61.
Leafage of hardwood plantations in the steppe zone. N. F. Poliakova-Minchenko. Soob. Lab. lesoved. AN SSSR no. 4:40-53 '61.
Significance of different leaves of the cotton plant in the development of vegetative organs. P. K. Bar'etas. Uzb. biol. zhur. no. 3.50-56 '61.

LEBANON—DESCRIPTION AND TRAVEL
Green necklace of Arabia. P. Demchenko. Az. i Afr. seg. no. 8.29-31, 34 Je '61.

LEBANON—ECONOMIC CONDITIONS
The green necklace of Arabia [with English summary in insert] (to be concluded). P. Demchenko. Az. i Afr. seg. no. 5:32-35 My '61.

LEBANON—POLITICS AND GOVERNMENT
The green necklace of Arabia [with English summary in insert] (to be concluded). P. Demchenko. Az i Afr. seg. no. 5:32-35 My '61.
Green necklace of Arabia. P. Demchenko. Az. i Afr. seg. no. 6:29-31, 34 Je '61.

LECTURES AND LECTURING
The art of lecturing. V. B. Ostroskii, A V Losev, N. G. Gridnev. Vop. ist. KPSS 5 no 3:231-237 '61
The propagandists of science and technology. B. Bogdanov. Part. zhizn' no. 14:38-40 Jl '61.

LEDNICE (CZECHOSLOVAKIA)—FISH PONDS—MICROBIOLOGY
Microflora of fish ponds in Lednice Appearance of species of the genus Bacillus in the water of ponds in Lednice [with summary in English]. M. Kocur, T Martinec Mikrobiologia 30 no. 2 301-303 Mr-Ap '61.

LEG—HYDATIDS
Combined treatment of complicated echinococcus of the long bones. P. N. Karlenko, TS. I. Drannikova. Med. zhur. Uzb. no. 1:43-45 Ja '61.

LEGAL CHEMISTRY see Chemistry, Legal

LEGAL FORMS see Forms (Law)

LEGAL RESEARCH
(see also subdivision under Germany, East)
Jurisprudence and the building of communism. Sov. gos. i pravo 31 no. 7.3-13 Jl '61.

LEGAL RESEARCH—INTERNATIONAL COOPERATION
International contacts of the Institute of the State and Law of the Academy of Sciences of the U. S. S. R. in 1960 V. P. Shatrov. Sov. gos. i pravo 31 no. 8:118-119 Je '61

LEGAL SOCIETIES
The International Association of Democratic Lawyers on the problem of disarmament ("Contribution to the study of the problems of disarmament" [in English] Reviewed by IU. L. Kuznets). Izv vys ucheb. zav ,prav. 4 no 1.161-164 '60.

LEGUMES
(see also subdivision under Azerbaijan; Kazakhstan; Vladimir Province)
Assimilation of nitrogen by legumes under different soil temperatures. M. M Gukova. Doklady TSKhA no. 57 77-83 '60
Effect of various grasses on the growth and development of legumes in grassland mixtures. A. Ten. Dokl. TSKhA no. 59.99-105 '60.
Pshenychnyi, N. I. [Increase the production of pulse crops] Zbil'shyty vyrobnytstvo zernobobovykh kul'tur Kyiv, 1961. 48 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 5, no. 1)

LEGUMES—DISEASES AND PESTS
Ghashchenko, A. F. [Protecting legumes from pests (non-Chernozem zone of the U. S. S. R.).] Zashchita bobovykh kul'tur ot vreditelei (nechernozemnaia polosa SSSR). Leningrad, 1961. 69 p. (Vreditel i bolezni sel'skokhoziaistvennykh rastenii) (DA)

LEGUMES—HARVESTING
Harvesting pulse crops in separate stages according to the method developed by the Lgov Experiment and Breeding Station. R. N. Sidak. Zemledelie 23 no 6: 21-27 Je '61.

LEIBENZON, LEONID SAMOILOVICH, 1879-1951
The tenth anniversary of the death of Leonid Samoilovich Leibenzon. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 3:4 My-Je '61.

LEK-YELETS VALLEY—MOLLUSKS, FOSSIL
Devonian Hercynella from the Arctic Urals G. A. Chernov. Paleont. zhur no. 2 20-27 '61.

LEMMINGS see subdivision under Kola Peninsula

LENA DELTA—HYDROLOGY
Level variations in the Bykov Branch of the Lena Delta in the zone marked by the influence of the sea. V. V. Ivanov Trudy AANII 213:164-178 '61.

LENA RIVER—ICE ON RIVERS, LAKES, ETC.
Method of forecasting the freezing of the lower course of the Lena River. A. P. Burdykina. Trudy AANII 213.38-111 '61.

LENA VALLEY—GEOLOGY, STRATIGRAPHIC
Recent data on the stratigraphy of the lower Carboniferous of the mouth of the Lena. N. N. Lapina. Trudy VNIGRI no. 163:421-427 '60.

LENA VALLEY—PASSERIFORMES
Passerine birds in the lower Lena Valley. V. I. Kapitonov, F. B. Cherniavskii. Ornitologiia no. 3:80-97 '60.

LENIN, VLADIMIR IL'ICH, 1870-1924
Begtian, S. D. [Lenin's "Pravda" in the Urals, 1912-1914] Leninskaia "Pravda" na Urale, 1912-1914 gody [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1960. 93 p.
"Beloved features" by S. Antonov. Reviewed by M. Filatova. Sov. voin 43 no. 7:21 Ap '61.

LENIN, VLADIMIR IL'ICH, 1870-1924 (Continued)

Correction of some dates in the chronology of V. I Lenin's work A M Gindin. Vop ist. KPSS 5 no 3: 159-162 '61.

Correspondence between V. I. Lenin and N D Kiknadze. V. G Esaiashvili Vop ist. KPSS 5 no 4 145-148 '61

The documents of tender affection ("Reminiscences about V I. Lenin." Vol. 2 Reviewed by V V. Anikeev). Vop. ist. KPSS 5 no. 4:159-168 '61.

The first program of the Bolshevik Party worked out by V I. Lenin. M A Moskalev Vop ist KPSS 5 no 3: 138-149 '61

"Lenin in defense of the workers' health and physical culture" by G. S. Demeter. Reviewed by F. I Samoukov. Teor. i prak. fiz. kul'. 24 no. 6 460-461 '61.

Lenin on the program of the party S. Titarenko Novyi mir 37 no 7:231-236 Jl '61

Lenin, V. I. [Complete works] Polnoe sobranie sochinenii. Izd. 5. Moskva, Gos. izd-vo polit. lit-ry. Vol. 17. [March 1908-June 1909] Mart 1908-iiun' 1909. 1961. 655 p.

Lenin, V. I., and A. M. Gor'kii. [Letters, reminiscences, and documents] Pis'ma, vospominaniia, dokumenty. Izd. 2., dop. Moskva, Izd-vo Akad. nauk SSSR, 1961. 476 p.

Moscow. Akademiia obshchestvennykh nauk. [V. I. Lenin and certain problems in the building of the party] V. I. Lenin i nekotoryе voprosy stroitel'stva partii. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 318 p.

On the further development of Lenin's theory on the socialist state by the Communist Party of the Soviet Union, on the 91st anniversary of V I Lenin's birthday Kh S. Sulaimanova. Obshchestv nauki v Uz no 4 5-11 '61

On the pages of Lenin's books; in honor of the 25th anniversary of the death of A. M. Gor'kii. G. Mendelevich. Vop. lit. 5 no. 6:85-91 Je '61.

Our great leader as his coevals saw him ("Reminiscences of V. I Lenin." Reviewed by N. I. Krutikova) Vop ist. KPSS 5 no. 3:183-186 '61

"The program adopted at the Eighth Congress of the Russian Communist Party (Bolshevik), documents, articles, and speeches" by V. I. Lenin. Reviewed by A. Svinarenko. Part. zhizn' no. 14:71-75 Jl '61.

Publication of Lenin's "Iskra" in Germany. B. Janel. Vest Mosk. un. Ser. 7: Filol., zhur. 16 no 3:13-13 My-Je '61

A review of letters of V. I. Lenin, from 1900 to 1912. K. V. Shakhnazarova. Vop. ist. KPSS 5 no. 4 116-126 '61.

Russia (1923- U. S. S. R.) Upravlenie propodavaniia obshchestvennykh nauk. [V. I. Lenin's great ideas are being realized] Velikie idei V. I. Lenina pretvoriaiut-sia v zhizn'. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 626 p.

"Voice preserved forever; how Lenin's addresses have been recorded and reproduced" by L. F Volkov-Lennit. Book review. Nauka i zhizn' 28 no. 5 74 My '61.

LENIN, VLADIMIR IL'ICH, 1870-1924—HOMES AND HAUNTS

Tribute of the heart ("Lenin in Prague [in Czech] by Miroslav Ivanov. Reviewed by A Koloskov). Kommunist 38 no. 10:119-121 Jl '61

LENIN PRIZES

New Lenin Prize winners Vest. AN SSSR 31 no. 5, 3-5 My '61.

Scientist's work and the science community. N. S. Arzhanikov. Vest. vys. shkoly 19 no. 6, 75-80 Je '61.

Winners of International Lenin Prizes "For strengthening of peace among peoples." Az. i Afr. seg. no. 6: 2-3 Je '61.

LENINAKAN—MACHINE TOOLS

Two suggestions of innovator E. Kapanian. K. Akopian. Prom. Arm. 4 no. 1:39-40 Ja '61.

LENINAKAN—RAILROADS—REPAIR SHOPS

Saving nonferrous and ferrous metals. T. Geondzilian. Prom. Arm. 4 no. 1:18-20 Ja '61.

LENINGRAD—ADULT EDUCATION

[To the universities of culture: articles and materials] Universitetam kul'tury; stat'i i materialy. Leningrad, Gos. izd-vo "Iskusstvo," 1960. 164 p.

LENINGRAD—APARTMENT HOUSES

Eight-story house made of air-entrained concrete. N. Z. Matusevich. Stroi i arkhit. i Len. 23 no. 5:15 My '61.

Modernizing series 1-335 model large-panel apartment houses. L. G. IUzbashev. Stroi. i arkhit. i Len. 23 no. 5:18-20 My '61.

Plan of an experimental house made of three-dimensional elements. L. Kh. Rabinovich. Stroi. i arkhit. Len. 23 no. 6:8-11 Je '61.

Seven- to nine-story apartment house on Moscow Prospect. Stroi. i arkhit. Len. 23 no. 6:30 Je '61.

Taller apartment houses. A. V. Shirits. Stroi. i arkhit. Len. 23 no. 5:11-15 My '61.

Ways of improving the assembly of large-panel houses. V. I. Khonichev, B. F. Dobrynin. Stroi. i arkhit. Len. 23 no. 6:16-19 Je '61.

LENINGRAD—ASBESTOS

Leningrad asbestos engineering goods factory striving for technological progress B. N. Polonskii. Knuch. i rez 20 no. 7:51-53 Jl '61.

LENINGRAD—BOARDING SCHOOLS

In the Ministry of Education of the R. S. F. S. R. Nar. obr no 7:123-124 Jl '61.

LENINGRAD—BOOKS—CONSERVATION AND RESTORATION

Book hospital. A. Kirichenko. Zdorov'e 7 no. 7:20 Jl '61.

LENINGRAD—BOOKSELLERS AND BOOKSELLING

A "store for the friends of books." L. Varustin. Agitator no. 13:45 Jl '61.

LENINGRAD—BOOTS AND SHOES

Technological and economic conference at the "Krasnyi Treugol'nik" Factory. A. M. Alekseeva. Knuch. i rez. 20 no. 6:51-52 Je '61.

LENINGRAD—BUILDING—TECHNOLOGICAL INNOVATIONS

New equipment should be introduced into construction. Stroi. i arkhit Len. 23 no. 5:3 of cover My '61.

LENINGRAD—BUILDING MACHINERY—MAINTENANCE AND REPAIR

Repair of building machines by the Main Leningrad Construction Trust. P. N. Maker'ev. Mekh. stroi. 18 no. 4: 25-26 Ap '61.

LENINGRAD—BUILDING MATERIALS INDUSTRY

Expanding the production of building materials. Stroi. i arkhit. Len. 23 no. 6:40 Je '61.

LENINGRAD—BUILDINGS, PLASTIC

Experimental plastic house. B. Tibilov. Na stroi. Ros. no. 4:16-19 Ap '61.

LENINGRAD—CITY PLANNING

Approaches to the architectural planning of new residential districts in Leningrad. A. I. Naumov, A. V. Makhrovskaia. Stroi. i arkhit. Len. 23 no. 5:2-7 My '61.

Character of planning and building residential districts. M. P. Sokolov. Stroi. i arkhit. Len. 23 no. 6:5-7 Je '61.

Honorable duty of Soviet architects. Stroi. i arkhit. Len. 23 no. 5:1 My '61.

New seaside residential district in Leningrad. V. A. Gaikovich. Stroi. i arkhit. Len. 23 no. 5:8-10 My '61.

Planning schools for a lengthened day and problems of urban construction. A. A. Borovkov. Stroi. i arkhit. Len. 23 no. 4:12-15 Ap '61.

LENINGRAD—COMMUNIST YOUTH LEAGUE

Our Communist Youth League organization. M. Oleinikov. Bibliotekar' no. 6:42-43 Je '61.

LENINGRAD—CONCRETE PLANTS

Automation raises quality and makes articles cheaper. G. Serdiuk. Na stroi. Ros. no. 1 8-9 Ja '61.

LENINGRAD—CONSTRUCTION INDUSTRY

Creative activity of Leningrad architects must be able to deal with current problems. S. M. Vorizhnikov. Stroi. i arkhit. Len. 23 no. 6:3-4 Je '61.

An example for construction workers in the whole country. I. Shapovalov. Na stroi. Ros. no. 1:1 Ja '61.

Experiences of the Polyustrovo Housing Construction Combine. L. L'vov. Na stroi. Ros. no. 1:3-7 Je '61.

In support of further improvement in model plans and construction. Stroi. i arkhit. Len. 23 no. 4:1-2 Ap '61.

In the Executive Committee of the Leningrad Council. Stroi. i arkhit. Len. 23 no. 4:3 of cover Ap '61.

Meeting of the active group of Leningrad architects. Stroi. i arkhit. Len. 23 no. 5:3 of cover. My '61.

Meeting of the active members of the Main Leningrad Construction Trust. Stroi. i arkhit. Len. 23 no. 4:30 Ap '61.

Polyustrovo Housing Construction Combine increases its productive capacity. Stroi. i arkhit. Len. 23 no. 4:38-39 Ap '61.

Widening the production base of the Main Leningrad Construction Trust. Stroi. i arkhit. Len. 23 no. 5:3 of cover My '61.

LENINGRAD—DESCRIPTION

Shvarts, V. [The artistic monuments of Leningrad] Leningrad; Khudozhestvennye pamiatniki, Ocherk. Izd. 2. Leningrad, Gos. izd-vo "Iskusstvo," 1961. 396 p.

LENINGRAD—EDUCATION, COOPERATIVE

Difficulties will be overcome by those who strive. IA. Kamenetskii, T. Mal'kovskaia. Nar. obr. no. 6:65-67 Je '61.

LENINGRAD—EFFICIENCY, INDUSTRIAL

Party organizations at the forefront of the movement of the brigades of communist labor; based on the materials of the city of Leningrad. V. I. Startsev, O. I. Shkaratan. Vop. ist. KPSS 5 no. 4:95-108 '61.

LENINGRAD—ELECTRIC INDUSTRIES

"LUS" insulation winding machine. V. Snytkin. Mashinostroitel' no. 6:6 Je '61.

LENINGRAD—ELECTRIC SUBSTATIONS

Transformer substation made of three-dimensional elements. O. Knlinin. Stroi. i arkhit. Len. 23 no. 6: 37 Je '61.

LENINGRAD—ELEVATORS, AUTOMATIC

Elevator without cables. Stroi. i arkhit. Len. 23 no. 6: 37-38 Je '61.

LENINGRAD—FAÇADES—MAINTENANCE AND REPAIR

New developments in repairing facades. A. V. Dubinskii. Stroi. i arkhit. Len. 23 no. 6:20-23 Je '61.

LENINGRAD—FACTORIES—DESIGN AND CONSTRUCTION

Near the Bol'shaya Okhta bridge. Stroi. i arkhit. Len. 23 no. 4:39 Ap '61.

LENINGRAD—FACTORIES—FIRES AND FIRE PREVENTION

Efficiency promoters help fire prevention. A. Arshavskii, A. Vavin. Pozh. delo 7 no. 6:12 Je '61.

LENINGRAD—FENCES

Restricting the construction of fences. Stroi. i arkhit. Len. 23 no. 6:49 Je '61.

LENINGRAD—FIREMEN

Fifty years in the ranks. A. Barkan. Pozh. delo 7 no. 6:18 Je '61.

Leningrad firemen on film. S. Zaslavskii. Pozh. delo 7 no. 6:9-10 Je '61.

LENINGRAD—FLUORESCENT LIGHTING

Fluorescent lighting at the "Pervomayskaya" Factory in Leningrad. E. M. Glauberzon, I. D. Matkina. Svetotekhnika 7 no. 5:22-25 My '61.

LENINGRAD—GRINDING AND POLISHING

Leningradskii dom nauchno-tekhnicheskoi propagandy. [Replacing the scraping of joint planes of large parts by grinding; experience of the Leningrad Metal Works] Zamena shabrovki ploskostei raz'emа krupnogabaritnykh detalei shlifovaniem; opyt Leningradskogo metallicheskogo zavoda imeni I. V. Stalina. Leningrad, 1952. 11 p. (Informatsionno-tekhnicheskii listok, no. 52(393))

LENINGRAD—HOTELS, TAVERNS, ETC.

"Diuny." Stroi. i arkhit. Len. 23 no. 6:31-33 Je '61.

LENINGRAD—HOUSING MANAGEMENT

Attention to the people comes first. A. Budanskaia. Zhil.-kom. khoz. 11 no. 4:21-22 Ap '61

In support of the Communist way of life. G Ignat'ev, N. Semenov, I. Pupov. Zhil.-kom. khoz. 11 no. 13 Ap '61.

LENINGRAD—INDUSTRIES

Ivanov, V. M., and S. N. Kanev. [The time of peaceful work; how the Leningrad party organization struggled for the restoration of Leningrad industry from 1921 to 1925] Na mirnoi osnove; Leningradskaia partiinaia organizatsiia v bor'be za vosstanovlenie promyshlennosti goroda, 1921-1925 gg. [Leningrad] Lenizdat, 1961. 293 p.

LENINGRAD—LABOR AND LABORING CLASSES

Economic situation of the St. Petersburg workers of the industrial enterprises of the Ministry of War and the Ministry of Navy from 1907 to 1914. S. V. Murzintseva. Uch. zap. LGU no. 270:217-241 '60

LENINGRAD—LIBRARIES

Our Communist Youth League organization. M. Oleinikov. Bibliotekar' no. 6:42-43 Je '61.

Work practices of the city interdepartmental library of the Leningrad City Soviet. U. K Mokhova. Bibliot. SSSR no. 16. 5-17 '61.

LENINGRAD—LIBRARIES, CHILDREN'S

Let's publicize technical literature. E. Kaplan. Nar. obr. no. 7:67-68 Jl '61.

LENINGRAD—MACHINERY INDUSTRY

Multiple machining of parts at the Kirov Plant. I. A. Chumakov. Mashinostroitel' no. 6:16 Je '61.

Section of white coats. V. Isaev. Mashinostroitel' no. 6: 4 Je '61.

LENINGRAD—MANUSCRIPTS, PERSIAN

Miklukho-Maklai, N. D., and others. [Rare and unique Persian and Tajik manuscripts in the collection of the Leningrad Section of the Institute of Oriental Studies of the Academy of Sciences of the U. S. S. R.] Nekotorye redkie i unikal'nye persidskie i tadzhikskie rukopisi v sobranii Leningradskogo otdeleniia Instituta vostokovedeniia AN SSSR. Moskva, Izd-vo vostochnoi lit-ry, 1960. 26 p.

LENINGRAD—MANUSCRIPTS, TATAR

Mikhailov, Maksut, N.D., and others. [Rare and unique Persian and Tajik manuscripts in the collection of the Leningrad section of the Institute of Oriental Studies of the Academy of Sciences of the U.S.S.R.] Redkie i unikal'nye persidskie i tadzhikskie rukopisi v sobranii Leningradskogo otdeleniia Instituta vostokovedeniia AN SSSR. Moskva, Izd-vo vostochnoi lit-ry, 1960. 26 p.

LENINGRAD—MEAT INDUSTRY—HYGIENIC ASPECTS

[illegible] in Leningrad [with summary in English]. E. M. Popova. [illegible] 6 no. 11:26-31 [illegible] '60.

LENINGRAD—MEDICAL LIBRARIES

[illegible] of the medical libraries of Leningrad. [illegible] '61.

LENINGRAD—MONUMENTS

[illegible] to the first Antarctic explorers. [illegible]

Memorial to Communist Youth League members [illegible]. Stroi. i arkhit. Len. 21 no. 4:10 Ap '61.

Monument to M. V. Lomonosov. Stroi. i arkhit. Len. 21 no. 6:30 Je '61.

LENINGRAD—MOTORBUS LINES—TERMINALS

Large bus depot. Stroi. i arkhit. Len. 21 no. 4:31 Ap '61.

LENINGRAD—NEWSPAPERS

[illegible] newspaper [illegible] "Leningradskaia pravda" [illegible] '61.

LENINGRAD—ORTHOPEDIA

Operation of interdistrict pediatric orthopedic services in Leningrad for a 7 year period [with summary in English]. N. M. Ulovlan, A. V. Grinina. Vop. okh. mat. i det. 6 no. 4:77-83 Ap '61.

LENINGRAD—PARACHUTING

Sportsman, trainer, judge. Kryl. rod. 12 no. 1:15 [illegible] '61.

LENINGRAD—PATHOPHYSIOLOGICAL SOCIETY

Report on meetings of the Leningrad Society of Pathophysiologists in 1960. [illegible] Petrov, A. N. [illegible] Pat. fiziol. i eksp. terap. 5 no. 3:93-95 My-Je '61.

LENINGRAD—PHARMACOLOGICAL SOCIETY

Section of pharmacology and toxicology of the [illegible] Society of Physiologists, Biochemists and Pharmacologists in Leningrad. [illegible] Farm. i toks. 24 no. 2:251-253 Mr-Ap '61.

LENINGRAD—PLASTICS

Articles made of plastics at the "[illegible]" Plant. Za stroi. tekh. no. 4:27 Ap '61.

Laminated plastics and glass reinforced plastics. [illegible] Ap '61.

LENINGRAD—PRINTING PLANTS

Redesigning the Ivan Fedorov printing house. [illegible] Poligr. proizv. no. 5:9-10 My '61.

LENINGRAD—RAILROAD—STATIONS

New building in Leningrad Finland Station. [illegible] Zhel.-dor. transp. 43 no. 3:85-87 Mr '61.

LENINGRAD—REINFORCED CONCRETE

Mesh-reinforced concrete elements. A. Horozov, [illegible]. Na stroi. Ros. no. 1:6-8 Mr '61.

Riveted reinforced concrete. Stroi. i arkhit. Len. 21 [illegible]

LENINGRAD—[illegible]

[illegible]

LENINGRAD—[illegible]

[illegible]

LENINGRAD—[illegible]

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LENINGRAD—[illegible]

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LENINGRAD—TRAFFIC [illegible]

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LENINGRAD—[illegible]

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LENINGRAD PROVINCE—[illegible] AND [illegible]

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LENINGRAD PROVINCE—[illegible]

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LENINGRAD PROVINCE—[illegible]

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LENINGRAD PROVINCE—[illegible]

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LENINGRAD REGION—[illegible]

[illegible]

LENINGRAD REGION—[illegible]

[illegible]

LENINGRAD REGION—[illegible]

[illegible]

LEUCOCYTES (Continued)
Some results of a biochemical study of leukocytes. I. F. Seits, I. S. Luganova. Usp. sovr. biol. 51 no. 3:317-336 My-Je '61.

Study of the motor activity of neutrophils. V. A. Almazov, E. A. Pavlov. Lab. delo 7 no. 7 23-26 Jl '61.

LEUKEMIA
Acute leukemia, its course and characteristics under the influence of modern therapeutic methods, pathoanatomical studies. M. P. Khokhlova Probl. gemat. i perel. krovi 6 no. 4:3-12 Ap '61

Antitoxic function of the liver in patients with leukosis. E. M. Kucherenko. Probl. gemat. i perel. krovi 6 no. 4:41-42 Ap '61

Cardiac lesions in leukemia. M. M. Shekhtman Probl. gemat. i perel. krovi 6 no. 4:47-51 Ap '61

General principles and plan of therapy for patients with chronic lymphatic leukemia in relation to the form, stage, and phase of disease S. B. Getro Probl. gemat. i perel. krovi 6 no. 4:13-17 Ap '61

Hyaluronidase activity of the blood in leukosis, lymphogranulomatosis, and cancer. V. K. Kukhta Probl. gemat. i perel. krovi 6 no. 4:33-37 Ap '61

Intensity of proteolytic splitting of erythrocyte proteins in leukoses [with summary in English]. M. B. Sventsitskaia, O. D. Ramanova-TSkhovrebova Vop. med. khim. 7 no. 2:141-145 Mr-Ap '61.

Leukemoid reactions in so-called collagen diseases [with summary in English]. M. A. Volkova. Sov. med. 25 no. 4:70-79 Ap '61.

Remission of acute leukosis in suppurations. M. V. Dementieva. Probl. gemat. i perel. krovi 6 no. 4:46-47 Ap '61.

Sources of pulmonary leukemic infiltrations in leukosis; on the problem of the pulmonary hemopoietic function. A. D. Soboleva. Probl. gemat. i perel. krovi 6 no. 4:24-28 Ap '61.

"Transitory forms" of reticulosis-leukosis. M. S. Dul'tsin, G. V. Oschenskaia Probl. gemat. i perel. krovi 6 no. 4:17-24 Ap '61

Treatment of acute leukemia in children [with summary in English]. A. D. Arbuzova. Vop. okh. mat. i det. 6 no. 4:17-22 Ap '61.

"Viral etiology of human leukemias" by V. M. Bergol'ts. Reviewed by IA. E. Khesin, M. K. Karakulumchan. Vop. virus. 6 no. 2:241-242 Mr-Ap '61.

LEVEL INDICATORS
The RKSP-2 level indicator M. S. Binus, G. T. Potorocha. Biul. tekh.-ekon. inform. no. 5 6-8 '61

Transistor pulse level indicator. E. E. Iudin. Priboro-stroenie no. 7:25-27 Jl '61.

LEVEL INDICATORS FOR LIQUIDS see Liquid level indicators

LEVELING
Adjustment of leveling networks of a general type V. N. Gan'shin Izv. vys. ucheb. zav., geod. i aerof. no. 1:21-25 '61.

Calculating the approximate values of the weight of marks in leveling networks. V. P. Kozlov. Izv. vys. ucheb. zav., geod. i aerof. no. 2:27-29 '61.

Determining the accuracy of stream leveling for the calculation of the Chezy coefficient. P. V. Pavliv Izv. vys. ucheb. zav., geod. i aerof. no. 2:69-76 '61.

Engineer Kusov's suggestion. M. V. Shul'min. Geod. i kart. no. 6:39-42 Je '61.

Undulating grading curve of a longitudinal profile of great length. A. F. Burtsev. Izv. vys. ucheb. zav., geod. i aerof. no. 2:13-16 '61

LEVERRIER, URBAIN JEAN JOSEPH, 1811-1877
Outstanding investigator of the solar system; on the 150th anniversary of the birth of Urbain Leverrier. IU. G. Perel'. Priroda 50 no. 7:91-92 Jl '61.

LEVIKHA REGION—MINE MANAGEMENT
Integrated organization of labor at the Levikha Mine. V. I. Artiushin. Gor. zhur. no. 6:69-70 Je '61.

LEVINSON-LESSING, FEDOR IUL'EVICH see Loewinson-Lessing, Frants IUl'evich, 1861-1939

LEVITSKII, OLEG DMITRIEVICH, 1909-1961
In memory of Oleg Dmitrievich Levitskii; obituary. Kh. M. Abdullaev and others. Sov. geol. 4 no. 5 156-158 My '61.

Oleg Dmitrievich Levitskii; obituary. G. D. Afanas'ev and others. Izv. AN SSSR, Ser. geol. 26 no. 6:110-111 Je '61.

LEVOMYCETIN
Treating breeder carp with levomycetin. A. I. Kanaev. Ryb. khoz. 37 no. 5:37-39 '61

LEVYI, SEMEN DMITRIEVICH
Proponent of rural construction. P. Lipkin. Sel'. stroi. 15 no. 4:9 Ap '61.

LIABILITY (LAW)
Liability for damage to freight transported in containers G. Astanovskii Sov. iust no. 12:8-9 Je '61.

LIADOV, ANATOLII KONSTANTINOVICH, 1855-1914
Mikhailov, M. K. [Anatolii Konstantinovich Liadov; an account of his life and work] Anatolii Konstantinovich Liadov, ocherk zhizni i tvorchestva. Leningrad, Gos. muzykal'noe izd-vo, 1961. 210 p.

LIAOTUNG GULF—OCTOPUS
Using shells in fishing for octopus. I. Borov. Vokrug sveta no. 7:11 Jl '61.

LIATOSHYNSKYI, BORYS, 1895-
Zaporozhets, N. [B. N. Liatoshynskyi] B. N. Liatoshinskii. Moskva, Sovetskii kompozitor, 1960. 173 p.

LIBERTY
Buslov, K. P. [Liberty should be in deed and not in name] Svoboda dolzhna byt' svobodoi na dele. Minsk, 1961. 33 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Belorusskoi SSR, no. 10)

LIBRARIES
(see also subdivision under Kirov Province; Leningrad; Odessa, Riga, Saratov; Siberia, Western; Vilnius)
Brief news. Bibliotekar' no. 6:62 Je '61.

Library competition in honor of the party congress. Bibliotekar' no. 6:1-4 Je '61.

Participants in the conference express their opinions. Bibliotekar' no. 6:5-7 Je '61.

LIBRARIES, RURAL see Rural libraries

LIBRARIES, SPECIAL
Books have reached the railroad siding. V. Sarkisov. Bibliotekar' no. 6:30 Je '61.

LIBRARIES, UNIVERSITY AND COLLEGE
Basic problems of methodological management of university libraries A. P. Poltusuk Bibliot. SSSR no. 16, 18-32 '61

LIBRARIES AND READERS
Give the builder literature on his specialty. T. Pervia-kova. Bibliotekar' no. 6:31 Je '61.

Manual for librarians ("Cultural and educational work" by M. N. Zelenetskii. Reviewed by G. Karpov). Bibliotekar' no. 6:60 Je '61.

Offering readers aid in the use of alphabetical catalogs V. I. Dronova and others Bibliot. SSSR no. 16:63-83 '61.

Only knowing the reader. N. Demchenko. Bibliotekar' no. 6:44-46 Je '61.

Parents are the best helpers. M. Gubanova. Bibliotekar' no. 6:64 Je '61.

Soviet was divided into sections. A. Prostoserdov. Bibliotekar' no. 6:52-53 Je '61.

LIBRARY CATALOGS
Offering readers aid in the use of alphabetical catalogs. V. I. Dronova and others Bibliot. SSSR no. 16:63-83 '61.

Procedure employed on the "History of Moscow" card catalog in the Public Historical Library. A. M. Zhelokhovtseva. Bibliot. SSSR no. 16, 93-109 '61.

Regional catalogs in the catalog system of the A. M. Gorkii Library of Moscow University (in Lenin Hills) V. L. Birzovich Bibliot. SSSR no. 16:84-92 '61.

LIBRARY SCIENCE
(see also subdivision under Kazakhstan)
Our work practices with foreign literature N. V. Kritsuk. Opyt rab. bibliot. s inostr. lit no. 2 3-5 '59

Thoughts of a librarian. Z. Merkulova. Bibliotekar' no. 6:55-56 Je '61.

LIBRARY SCIENCE—BIBLIOGRAPHY see Bibliography—, Library science

LIBYA—GAS, NATURAL—GEOLOGY
New oil- and gas-bearing areas of North Africa in Libya M. I. Varentsov and others. Geol. nefti i gaza 5 no. 6 56-60 '61.

LIBYA—PETROLEUM GEOLOGY
New oil- and gas-bearing areas of North Africa in Libya. M. I. Varentsov and others Geol. nefti i gaza 5 no. 6 56-60 '61.

LIBYA—RELATIONS (GENERAL) WITH RUSSIA
"Independence is more easily won than preserved." Az. i Afr. seg. no. 5:49 My '61.

LIE ALGEBRAS
Some properties of metabelian Lie algebras. G. B. Gurevich. Dokl. AN SSSR 138 no. 5:996-1001 Je '61.

LIEPAJA—GLIDING AND SOARING
Glider pilots from a sea side town. V. Antes. Kryl. rod. 12 no. 7:8-9 Jl '61.

LIFE
"Life, its nature, origin and development" by A. I. Oparin. Book review. Nauka i zhizn' 28 no. 5:74 My '61.

LIFE—ORIGIN
Methodological organization of lectures on the problem of spontaneous origin of life in connection with the history of the development of teaching on microorganisms; 100th anniversary of Pasteur's investigations A. I. Metelkin Zhur. mikrobiol. epid. i immun. 32 no. 2 130-135 F '61

LIFE ON PLANETS see Plurality of worlds

LIGHT—PHYSIOLOGICAL EFFECT
Some characteristics of photostimulation of the giant axon in cuttlefish [with summary in English]. R. G. Liudkovskaia. Biofizika 6 no. 3:300-308 '61

LIGHT—SCATTERING
Dipole interaction and scattering of light. V. S. Fursov. Vest. Mosk. un. Ser. 3. Fiz., astron. 16 no. 2:60-72 Mr-Ap '61.

LIGHT—SPECTRA
Errors of spectral and color measurements. R. S. Ioffe Svetotekhnika 7 no. 6 24-26 Je '61

LIGHTNING PROTECTION
Methods for lowering the cost of the protection of underground communication cables from overvoltages caused by lightning M. I. Mikhailov, S. A. Sokolov Vest. sviazi 21 no. 5:11-12 My '61.

LIGHTWEIGHT CONCRETE
(see also subdivision under Donets Basin; Kazakhstan)
Ageev, D. N., G. P. Kurasova, and O. M. Prikhod'ko. [Prestressed span structure for a footbridge made of keramzit concrete] Predvaritel'no napriazhennoe proletnoe stroenie peshekhodnogo mosta iz keramzitobetona, Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 68 p.

Akademiia stroitel'stva i arkhitektury SSSR, Institut betona i zhelezobetona, Perovo. [Instructions for manufacturing large air-entrained concrete articles] Ukazaniia po izgotovleniiu krupnorazmernykh gazobetonnykh izdelii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 30 p.

Eight-story house made of air-entrained concrete. N. Z. Matusevich. Stroi. i arkhit. Len. 23 no. 5:15 My '61.

Elements made of non-autoclave air-entrained concrete. B. Dantilov and others. Strol. i arkhit. 9 no. 5:34 My '61.

Porous aggregate made of mining wastes for lightweight concretes. IU. V. Lisitsyn. Stroi. mat. 7 no. 5: 17-19 My '61.

Refining light fillers by burnishing in drums. A. Arakelian. Prom. Arm. 4 no. 3:59-62 Mr '61.

Thermal characteristics of foamed concrete in the process of steaming B. A. Novikov Strol. mat. 7 no. 5: 37-38 My '61.

Using the dust from cement rotary kilns. B. Perin. Na stroi. Ros. no. 3:23-24 Mr '61.

LIGNIN
Hydrolysis of the cellulose lignin of pine by 41% hydrochloric acid in a diffusion battery. N. V. Chalov and others. Izv. vys. ucheb. zav., les. zhur. 4 no. 2:131-137 '61.

LIGNITE
Distribution of germanium and gallium in lignite. S. A. Gordon, F. IA. Saprykin. Nauch. trudy MGI no. 27:13-25 '59.

LIGROINE
Purifying petroleum ether in essential-oil plants of Krasnodar Territory. L. I. Aleshina, N. L. Gurvich, V. A. Frolov. Masl.-zhir. prom. 27 no. 6:31-33 Je '61.

LIME
Apparatus for wasteless slaking of lime. L. A. Kucherov. Vod. i san. tekh. no. 5:33-34 My '61.

Determination of the amount of lime to be used in the purification of diffusion juices. V. S. Vasilega. Sakh. prom. 35 no. 6:16-18 Je '61.

Soil stabilization in Novosibirsk Province with pulverized quick lime treated for water resistance G. N. Levchanovskii, Z. F. Egorova, A. E. Zver'kov. Avt. dor. 24 no. 5:10-12 My '61.

LIMESTONE
(see also subdivision under Bashkiria; Leningrad Province; Torgashino region)
High quality processed limestone for the sugar industry. A. V. Rodnikov. Sakh. prom. 35 no. 6:25-28 Je '61.

Sawed blocks of limestone. N. Sergeev. Sel'. stroi. 16 no. 5:15-16 My '61.

LIMING OF SOILS
Reasons for the negative effect of lime on lupine. Kh. K. Asarov, L. M. Garmash. Dokl. TSKhA no. 64:65-73 '61.

LIMIT THEOREMS (PROBABILITY THEORY)
Dispersion of time-dependent means of a stationary random process [with summary in English]. Teor. veroiat. i ee prim. 6 no. 1:93-101 '61.

Limit theorems for the sums of independent variables, taking large deviations into account [with summary in English]. IU. V. Linnik. Teor. veroiat. i ee prim. 6 no. 2:145-163 '61.

LIMIT THEOREMS (PROBABILITY THEORY) (Continued)
New limit theorem for random processes with Gaussian increments [with summary in English]. E. G. Gladyshev. Teor. veroiat. i ee prim. 6 no. 1:57-66 '61.
Refinement of limit theorems for homogeneous Markov chains [with summary in English]. S. V. Nagaev. Teor. veroiat. i ee prim. 6 no. 1 67-86 '61.
Some limit theorems for random functions [with summary in English] Part 2. V. A. Volkonskii, IU. A. Rozanov. Teor. veroiat. i ee prim. 6 no. 2:202-215 '61.

LIMITATION OF ACTIONS
Lapirov-Skoblo, M. IA. [Limitation of actions in the disputes of business organizations over the right of ownership] Iskovaia davnost' po imushchestvennym sporam mezhdu khoziaistvennymi organizatsiiami. Izd. 2, , dop. i perer. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 112 p.

LIMNOLOGY see subdivision under Baikal, Lake

LINEAR ALGEBRAS see Algebras, Linear

LINEAR DIFFERENTIAL EQUATIONS see Differential equations, Linear

LINEAR EQUATIONS
Approximate solution of linear operator equations in Banach space by IU. D. Sokolov's method [with summary in English]. A. IU. Luchka. Dop. AN URSR no. 4: 424-428 '61.
Solution by electric computers of linear algebraic equations of structural mechanics and the theory of elasticity [with summary in English]. M. I. Diuhach, A. I. Shynkar'. Dop. AN URSR no. 4:436-441 '61.

LINEAR PROGRAMMING
Finkel'shtein, B. V. [Lectures on linear programming; introduction to linear algebra] Lektsii po lineinomu programmirovaniiu, vvedenie v lineinuiu algebru. Moskva (Akademiia nauk SSSR, Sibirskoe otdelenie, no. 5)
Part 1. 1960. 123 p.
Mikhailov, O. A. [Mathematical statistics and linear programming in ferrous metallurgy] Matematicheskaia statistika i lineinoe programmirovanie v chernoi metallurgii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 159 p.

LINKS AND LINK MOTION
Approximate synthesis of linkages with two degrees of freedom. N. I. Levitskii. Trudy Inst. mash. Sem po teor. mash. 21 no. 83-84 103-112 '61.
Designing guide linkages B. M. Partenskii Trudy Ural politekh. inst. no. 104 209-221 '61

LIPATOV, SERGEI MIKHAILOVICH, 1899-1961
Sergei Mikhailovich Lipatov. Vysokom. soed. 3 no. 3: 488-489 Mr '61.

LIPETSK PROVINCE—DISTILLING INDUSTRIES
Toward the 22d Congress of the CPSU. B. K. Grachev. Spirt. prom. 27 no. 1:4-5 '61.

LIPETSK PROVINCE—EDUCATION, COOPERATIVE
Results of observations. I. Ponomarev. Nar. obr. no. 7: 13-18 Jl '61.

LIPETSK PROVINCE—MEDICINE—STUDY AND TEACHING
Correspondence courses for higher training of provincial medical laboratory workers. K. V. Movshovich. Zdrav Ros. Feder. 5 no. 6 23-24 Je '61

LIPIDS
Characteristics of lipoid metabolism in patients with hypertension. I. N. Bashmakova. Sov. med. 25 no. 5: 96-100 My '61.
Effect of ionizing radiation on the composition of lipids in dog blood and the role of highly unsaturated acids in the course of radiation sickness. N. A. Nekovaleva. Ukr. biokhim. zhur. 33 no. 3: 348-361 '61.
Effect of silicic acid and silica on blood lipoids. I. Sabo, I. Modi, I. Sekei. Pat. fiziol., eksp. terap. 5 no. 3, 74-75 My-Je '61.
Effect of vegetable fats and solid hydrogenated vegetable fat on the content of cholesterol, phospholipids, and total lipids in the blood serum of various population groups [with summary in English]. S. Simic, V. Rakovic, R. Markovic. Vop. pit. 20 no. 3, 28-33 My-Je '61.
Some biological properties of lipids and their complex compounds isolated from diphtheria bacilli [with summary in English]. E. K. Alimova. Zhur. mikrobiol. epid. i immun 31 no. 3: 88-93 Mr '60.

LIPIDS—THERAPEUTIC USE
Results of using the preparation, RD, for treating leprosy [with summary in French]. N. A. Torsuev. Sbor. nauch. rab. po lepr i derm. no. 13:43-47 '59.

LIPOPROTEINS
Changes in the lipoproteins of tumors due to the effect of gamma rays [with summary in English]. A. M. D'iakova. Ukr. biokhim. zhur. 33 no. 3: 352-362 '61.
Determination of lipoproteids by means of paper electrophoresis in serum previously stained with sudan black. B. N. Ushakov, S. D. Polozhentsev. Lab. delo 7 no. 7: 12-15 Jl '61
Effect of lipoprotein deficient diets on phospholipid and enzyme secretion by intestinal glands in dogs [with summary in English] U Z. Kadyrov. Vop. pit 20 no. 2 16-22 Mr-Ap '61.
Electrophoretic changes in proteins and lipoproteins of the blood serum in malignant neoplasms. G. S. Atamanov, N. V. Saperov. Sov. med 25 no 5 80-86 My '61.
New method for electrophoretic analysis of lipoproteids in blood serum by means of their preliminary staining D. B. Zil'berman, A. A. Moibenko Lab. delo 7 no. 7: 16-18 Jl '61

LIPPMANN, WALTER, 1889-
The right to rob; a reply to Walter Lippmann. I. Sotnikov. Nov. vrem. 10 no. 30:22-23 Jl '61.

LIQUEFIED PETROLEUM GAS
Using liquified gas as fuel for industrial heating units. I. I Shabanov, B. N. Kul'pin Izv vys. ucheb zav., mashinostr no 4.137-140 '61

LIQUID FUELS—TESTING
Englin, B. A. [Using motor fuels at low temperatures] Primenenie motornykh topliv pri nizkikh temperaturakh. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961 98 p.

LIQUID LEVEL INDICATORS
Dynamic control of liquid level. B. V. Vol'ter Priborostroenie no. 7 15-16 Jl '61.
Pulp-level regulators for flotation machines. A. Safarian. Prom. Arm. 4 no. 3:31 Mr '61.

LIQUID METALS
Arrangement for the desulfuration of liquid metal outside of the furnace. S. F. Karp. Vop. proizv. stali no. 8: 44-47 '61.
Effect of seaming changes of specific weight of a liquid metal induced by electromagnetic forces. L. A. Verte. TSvet. met. 34 no. 6:61-64 Je '61.
Interaction of ferrous melts with chrome-magnesite refractories. S. M. Zubakov. Izv. AN Kazakh. SSR. Ser met., obog i ogneup. no 1 92-100 '61.
Investigating molten metals by means of gamma rays. A. I. Bellaev. Izv. vys. ucheb. zav., tsvet. met. 4 no. 2: 38-42 '61.
New method for the desulfuration of liquid cast iron. V. G. Fedorovich. Vop. proizv. stali no. 8:39-43 '61.
Solubility of carbon in molten metals of the fourth period B. P. Burylev. Izv vys. ucheb zav. ; chern. met. 4 no 6:5-10 '61.

LIQUIDS
Determining the specific gravity of biological liquids. G. B Leonov. Zdravookhranenie 2 no. 4.48-50 Jl-Ag '59.

LIQUIDS—CONGRESSES
Fourth All-Union Conference on the Liquid State. H. P Roshchyna. Ukr. fiz zhur. 5 no. 1 125-130 Ja-F '60.

LIQUIDS, KINETIC THEORY OF
Kinetics of co-operative processes. M. V. Vol'kenshtein, IU. IA. Gotlib, O. B. Ptitsyn. Fiz. tver. tela 3 no. 2: 420-428 F '61.

LIQUOR INDUSTRY see subdivision under Moscow

LIQUOR INDUSTRY—EQUIPMENT AND SUPPLIES (see also subdivision under Biysk; Cheboksary; Chistopol')
Mechanical counter for bottle cases. Spirt. prom. 27 no. 4:39 '61.

LISTERELLA
On the problem of listerial polymorphism [with summary in English]. L. A Pomanskaia. Zhur. mikrobiol. epid. i immun. 32 no. 3:124-129 Mr '61.
Preservation of viability in Listeria on artificial culture media, author's abstract I. G. Martiashin Zhur. mikrobiol. epid i immun. 32 no. 3:141 Mr '61.

LISTERIOSIS
Listeriosis in Rhombomys and Meriones meridianus [with summary in English] I. L Martinevskii. Zhur. mikrobiol. epid i immun 32 no 5:85-91 My '61.
Peculiarities in the distribution of listeriosis among rodents in large cities [with summary in English] N S. Ogneva. Zhur. mikrobiol. epid. i immun 32 no. 5. 69-74 My '61.

LITERATURE
Brief news. Vop. lit. 5 no. 6:245-256 Je '61.
Brief news. Vop. lit. no. 11:248-256 N '59.

LITERATURE—BIBLIOGRAPHY see Bibliography—Literature

LITERATURE—DICTIONARIES
Lesyn, V. M., and O. S. Pulynets'. [Concise dictionary of literary terms] Korotkyi slovnyk literaturoznavchykh terminiv. Kyiv, Derzh. uchbovo-pedagog. vyd-vo "Radians'ka shkola," 1961. 360 p.

LITERATURE—HISTORY AND CRITICISM
A discussion on socialist realism held in Czechoslovakia. I. Bernshtein. Vop. lit. no. 12:97-105 D '59.

LITERATURE—HISTORY AND CRITICISM—BIBLIOGRAPHY see Bibliography—Literature—History and criticism

LITERATURE—MISCELLANEA
Cases and lapses. Vop. lit. no. 11:243-247 N '59.

LITHIUM
Behavior of lithium and rubidium in the contact process (exemplified in the Vakis-Dzhvari intrusion, Georgian S. S. R.) [with summary in English]. G. S Zakariadze Geokhimiia no 7 584-595 '61
Rare element content of quartz [with summary in English]. O. D. Stavrov. Geokhimiia no. 6:508-514 '61.
Selecting a power carrier for the heating of blanks in a forge. V. N. Glushkov. Kuz.-shtam. proizv. 3 no. 3: 33-35 Mr '61.

LITHIUM—ISOTOPES
Neutron yield from Li^6 (t, n) and Li^7 (t, n) reactions. A. K. Val'ter and others Atom energ 10 no 6:577-586 Je '61

LITHIUM ACETATE
Kinetics and mechanism of the thermal decomposition of lithium, sodium and barium acetates V I IAkerson, A. M. Rubinshtein. Kin. i kat. 2 no. 2:173-178 Mr-Ap '61.

LITHIUM FERRATE
Dispersion mechanisms in lithium ferrite. L. A. Fomenko. Fiz. tver. tela 3 no 2 328-330 F '61

LITHIUM OXIDE—ELECTRIC PROPERTIES
Electric conductivity of the system NiO - Li_2O in the temperature range from 20 to 900° C G K Stepanov, A M Trunov Izv. Sib otd. AN SSSR no. 6:67-70 '61.

LITHUANIA—COMMUNIST PARTY
Atanukas, S. A. [How the Communist Party of Lithuania struggled for the Soviet regime, from 1935 to 1940] Kompartiia Litvy v bor'be za Sovetskuiu vlast', 1935-1940 gg. Moskva, Gos. izd-vo polit. lit-ry, 1961. 262 p.

LITHUANIA—CONSTRUCTION INDUSTRY
In the State Construction Office of the Lithuanian S. S. R. Biul. stroi. tekh. 18 no. 4:41-42 Ap '61.

LITHUANIA—PUBLIC HEALTH
Achievements and immediate problems of the public health system in Soviet Lithuania [with summary in English]. K K Preikshas Sov. zdrav. 19 no 3 6-12 '60

LITHUANIA—SUBVERSIVE ACTIVITIES
Atanukas, S. A. [How the Communist Party of Lithuania struggled for the Soviet regime, from 1935 to 1940] Kompartiia Litvy v bor'be za Sovetskuiu vlast', 1935-1940 gg. Moskva, Gos. izd-vo polit. lit-ry, 1961. 262 p.

LITHUANIAN LITERATURE—HISTORY AND CRITICISM
Characteristics of the Soviet Lithuanian novel. I. Lankutis. Vop. lit. no. 11:45-62 N '59.

LITIN DISTRICT—SECTS
A frank talk. M Okhrimenko, O. Husiev. Volov. ateist no. 2:21-22 F '61.

LIUBETSKAIA, MERI ZINOV'EVNA
Dotsent M Z Liubetskaia on the 35th anniversary of her medical, scientific, pedagogical, and public activity. Med. zhur Uzb no. 5 85 My '61.

LIVADAYA—SANATORIUMS
"Chernomor'e" Sanatorium. L. Inbor. Arkhit. SSSR no. 5:18-21 '61.

LIVER
Antitoxic function of the liver in patients with leukosis. E. M. Kucherenko. Probl. gemat. i perel. krovi 6 no 4 41-42 Ap '61.
Biosynthesis of glutamine in animal tissues [with summary in English]. N. N. Lestrovaia. Biokhimiia 26 no 3.505-510 My-Je '61.
Cytochemistry of nucleotides and nucleic acids in liver cells of the axolotl. G. I. Roskin, L. V. Balicheva. TSitologiia 3 no. 3.305-311 My-Je '61.
Effect of the plague microbe toxin on phosphorus metabolism in the liver [with summary in English]. I. V. Domaradskii, I. M. Klimova, L. G. Perevaleva. Vop. med. khim. 7 no. 2:145-149 Mr-Ap '61.
Liver function test at a late period following infectious hepatitis. G S. Milenkova Zdrav. Bel. 7 no. 5 19-23 My '61.
Morphological changes in the liver in thyrotoxicosis. V. A. Odinokova. Arkh. pat. 23 no. 4:67-72 '61.
Pathways of enzymatic formation of hydrogen sulfide from L-cysteine in the liver [with summary in English]. E. V. Gorlachenkova. Biokhimiia 26 no. 3:541-548 My-Je '61.
Some functional and morphological changes in the liver deprived of the portal blood [with summary in English]. M. V. Rudenskaia, E. I. Gal'perin. Sov. med. 25 no. 4: 105-112 Ap '61.
Strazhesko's liver function test. N. V. Val'chuk. Vrach. delo no. 4:54-61 Ap '61.

LIVER—CIRRHOSIS

Effect of vitamin B_{12} and choline on the phospholipid level of the blood of patients with liver cirrhosis [with summary in English] Z. F Denisenko. Vop pit. 20 no 3 23-28 My-Je '61.

Indications and contraindications for splenectomy in Werlhof's disease, hemolytic jaundice, the splenomegalic form of liver cirrhosis, and in thrombophlebitis splenomegaly [with summary in English, p 61] S. I. Sherman, A. I. Blinova Probl gemat i perel krovi 5 no 1 14-17 Ja '60

Splenectomy in children in splenogenic liver cirrhosis [with summary in English, p. 62]. A. I. Generalov Probl. gemat i perel krovi 5 no 1 26-29 Ja '60

Splenectomy in combination with omentohepatofixation in splenomegalic cirrhosis of the liver. G. S. Grigor'iants. Med. zhur. Uzb. no. 1:70-71 Ja '61.

LIVER—DISEASES

Cholanglolytic hepatitis [with summary in English]. M. E. Semendiaeva Sov. med. 25 no 5:59-60 My '61.

First session of the Institute of Regional Medicine of the Academy of Sciences of the Tajik S. S. R. Kh. Kh. Mansurov. Zdrav. Tadzh. 8 no. 3 54-56 My-Je '61.

Mechanism of disorder in the protein composition of the blood of rabbits in carbon tetrachloride affections of the liver. E. P. Smolichev. Arkh pat 23 no 5 59-61 '61

Ornithine carbamyltransferase and glutamate-aspartate-transaminase in the blood serum in liver diseases. K. Rysanek, V. Vitek. Vop. med. khim 7 no. 2:110-111 Mr-Ap '61.

LIVER—GLYCOGENIC FUNCTION

Glycogen reserves in the liver in thyrotoxicoses before and following surgery. Sh Sh. Il'iasov, Med. zhur. Uzb. no 5 29-31 My '61.

Materials on ecophysiological characteristics of Arctic mammals. G. B. Livchak. Trudy Inst. biol. UFAN SSSR no. 14:179-191 '60.

Presence of glycogen in liver depending on the physiological condition of cows. A. A Turevs'kyi Visnyk sil'hosp. nauky 4 no. 5 117-119 My '61.

LOAD LINE

Correct use of the load mark. S. Ivanov, F. Tokarev. Mor. flot 21 no. 1:8-10 Ja '61.

LOADING AND UNLOADING

Activities of the Scientific-Technical Society of the Vladivostok Port. E. Fisher. Mor. flot 21 no. 2:36-37 F '61.

Automatic through-drive truck elevator at the Kustanay transshipment base. I. Liachin. Muk.-elev. prom 27 no 5 25 My '61

Device for determining the amount of grain loaded into railroad cars. V. Krivonogov, L. Niashina. Muk.-elev prom 27 no 6 8-9 Je '61.

How we mechanized the loading and unloading of brick in a kiln. S Dvorzhak. Sil'. bud 11 no 4 20 Ap '61.

Interfarm transportation bases. IA. Balusov. Sel'. stroi. 15 no. 4:23 Ap '61.

Loading and unloading equipment for truck transportation N. Pan'kov. Tyl i snab Sov Voor Sil 21 no. 1 54-57 Ja '61.

New loading machines. S. Sergavin. Ekon. sel'khoz. 32 no 6:85-87 Je '61

On the level with present-day tasks. Mor. flot 21 no. 2: 48 F '61.

PG-0, 3 loader. Z. S. Hertsenberh, S. M. Kramer. Mekh. sil'. hosp. 12 no. 7:30-31 Jl '61.

Procedures for receiving freight delivered by ship I. Iokhin. Tyl i snab. Sov Voor. Sil 21 no 1 52-56 Ja '61.

Reduce labor expenditures for transportation and warehouse operations in every way possible N. Izvol'skaia N. Trusikhin. Sots. trud 5 no. 12 71-78 D '60.

SNU-0, 5 hay stacker and loader, S. Shevchenko. Tekh. v sel'khoz. 21 no. 6:51-52 Je '61.

Stability of mounted loaders with a swinging boom. B. A. Piller. Trakt. i sel'khozmash. 31 no. 6:30-33 Je '61.

Transshipment operation in the open sea. S. Il'ichev. Mor. flot 21 no. 3:6-8 Mr '61.

Vibration grader. Stroitel' no. 5:10 My '61.

LOADING AND UNLOADING—EQUIPMENT AND SUPPLIES

The TKM-1 hold bucket loader. A. I. Efremov. Biul. tekh.-ekon. inform. no. 6 67-68 '61.

LOADING AND UNLOADING—TECHNOLOGICAL INNOVATIONS

Mechanization of reloading operations in the Gorkiy Harbor. I. G. Niurkin, K. A. IUnin. Mekh. i avtom. proizv. 15 no. 6:30-33 Je '61.

Work of loaders is replaced by mechanisms. V. I. Zil'berberg. Mashinostroitel' no. 6:6-9 Je '61.

LOCAL ANESTHESIA

Indications and contraindications for the use of a neurolytic mixture combined with local anesthesia in otorhinolaryngology [with summary in English]. E. N. Medvedskii. Zhur. ush., nos. i gorl. bol. 21 no. 3: 29-33 My-Je '61.

Infiltration anesthesia in radical surgery in Highmore's antrum. A. M. Talyshinskii. Zhur. ush., nos. i gorl. bol. 20 no. 4:62-63 Jl-Ag '60.

LOCAL ELECTIONS

Monolithic solidarity. Agitator no. 7-2 Ap '61.

LOCAL GOVERNMENT

(see also subdivision under White Russia)

The educational role of town meetings. D. Zemlianskii. Agitator no. 7, 45-48 Ap '61.

Polubinskii, V. I., and A. G. Zatsepin. [Out-of-town sessions of the executive committees of the district and city soviets of workers' deputies] Vyezdnye zasedaniia ispolkomov raionnykh i gorodskikh Sovetov deputatov trudiashchikhsia. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 46 p.

The soviets of workers' deputies during large-scale building of communism. A. L. Nedavnii. Sov gos i pravo 31 no. 6:103-107 Je '61

"Territorial" groups of the deputies of local soviets R. A. Safarov Sov gos i pravo 31 no 6 97-102 Je '61

The work of deputies in their electoral districts. B. I Samsonov Sov gos. i pravo 31 no 6:94-97 Je '61

LOCAL TRANSIT see subdivision under Leningrad Province

LOCKJAW see Tetanus

LOCKS (HYDRAULIC ENGINEERING)

Approximate equations of the wave action of water and a ship in the navigation-lock chamber. O. F. Vasil'ev. Izv AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 3 78-83 My-Je '61

Generalization of lock building practices. A. Sanarin. Rech transp 20 no. 6,50 Je '61

Investigating ground pressure on lock chamber walls. A Il'in Rech. transp. 20 no 6:24-27 Je '61.

LOCOMOTIVES—VIBRATION

Effect of nonlubricated-friction damper on the vibration of a vehicle with a pendulum body gear. T. A. Tibilov. Trudy Inst. mash. sem. po teor. mash. 24 no. 83-84:122-132 '61

LOCOMOTOR ATAXIA

Investigation of the sensation of pruritis in lesions affecting the pathways of the spinal cord [with summary in French]. A. S. Dyshko. Sbor. nauch rab po lepr. i derm no. 13:71-77 '59

LOCUSTS

(see also subdivision under Rumania)

Toxicity of aldrin and dieldrin in the control of the migratory and the Italian locust. E. P. TSyplenkov, G. A. Popov, M. S. Strubinskii. Zashch. rast. ot vred. i bol. 5 no. 1:28-29 Ja '60.

What is the genus Thaumatophyma Rmo. (Orthoptera, Acrididae, Catantopinae)? [with summary in English]. L. L. Mishchenko. Ent. oboz. 40 no. 2:351-358 '61.

Winged enemy. N. S. Shcherbinovskii. Priroda 50 no. 7:94-98 Jl '61.

LOCUSTS—BIOLOGICAL CONTROL

Materials on the ecology and practical importance of the rose-colored starling in Karaganda Province. E. A. Stepanov. Ornitologiia no. 3 292-297 '60.

LOESS see subdivision under Donets Basin; Soviet Central Asia

LOEWINSON-LESSING, FRANTS IUL'EVICH, 1861-1939

Hundredth anniversary of the birth of F. IU. Levinson-Lessing. Vest. AN SSSR 31 no. 5:127-128 My '61.

In memory of Academician F. IU. Loewinson-Lessing. Izv. AN SSSR. Ser. geol. 26 no. 6:127-128 Je '61.

LOFOTEN ISLANDS—DESCRIPTION AND TRAVEL

Midnight sun over the Lofoten Islands. Gennadii Fish. Vokrug. sveta no. 6:7-12 Je '61.

LOGGING (GEOLOGY)

Study of the history of sediment accumulation based on the materials of geophysical exploration of boreholes. V. A. Dolitskii. Prikl geofiz. no 29:202-231 '61

LOGGING ROADS see Forest roads

LOGICAL POSITIVISM

Critical evaluation of the concept of science and logical positivism [with summary in English, p. 164]. S. A. IAnovskaia. Vop. filos. 15 no. 6:47-53 '61.

Gnoseological characteristics of logical positivism [with summary in English]. IU. A. Aseev. Vest. LGU 16 no. 11:95-97 '61.

LOGISTICS

Delivery of material by air. S. Odintsov, L. Shevchuk. Tyl i snab. Sov. Voor Sil 21 no. 3:35-39 Mr '61.

LOMONOSOV, MIKHAIL VASIL'EVICH, 1711-1765

M. V. Lomonosov and the first Russian Antarctic Expedition. S. Slevich. Mor. flot 21 no. 2:38-39 F '61.

On the occasion of the 250th anniversary of M. V. Lomonosov's birth. Moscow university makes preparations A. F. Kononkov. Vest. vys. shkoly 19 no. 6 92 Je '61

LOMONOSOV, MIKHAIL VASIL'EVICH, 1711-1765—FICTION

Alent'iev, O. O. [Mikhail Vasil'evich Lomonosov; on the 250th anniversary of his birth] Mykhailo Vasyl'ovych Lomonosov, do 250-richchia z dnia narodzhennia. Kyiv, 1961. 41 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 6, no. 3)

Andreev-Krivich, S. A. [Mikhail Lomonosov, peasant's son, a tale] Krest'ianskii syn Mikhailo Lomonosov, povest'. Moskva, Gos. izd-vo detskoi lit-ry M-va prosv. RSFSR, 1960. 126 p. (Shkol'naia biblioteka)

LOMONOSOV, MIKHAIL VASIL'EVICH, 1711-1765—MONUMENTS

Monument to M. V. Lomonosov. Strol. i arkhit. Len. 23 no. 6:39 Je '61.

LONDON, JACK, 1876-1916

Stone, Irving. [Sailor on horseback; a biography of Jack London. Translated from the English] Morinik v sedle, biografiia Dzheka Londona. Moskva, Izd-vo TsK VLKSM "Molodaia gvardiia," 1960. 399 p. (Zhizn' zamechatel'nykh liudei. Seriia biografii osnovana v 1933 godu M. Gor'kim, no. 22(313))

LONDON—SMOG—TOXICOLOGY

Errors in the Russian translation of P. A. Kratzer's "City climate." M. S. Gol'dberg. Gig i san 26 no. 1: 101-106 Ja '61.

LONGEVITY

Longevity. V. V. Alpatov Priroda 50 no. 7:40-44 Jl '61.

LONGICORN BEETLES see subdivision under Sakhalin

LOOMS

The ATB-100-1 automatic loom for manufacturing tarpaulin fabrics. N. S. Korzinkin. Biul. tekh.-ekon. inform. no. 6, 52-54 '61.

LOOMS—TECHNOLOGICAL INNOVATIONS

Modernizing automatic looms in using standardized units and parts. V. F. Il'ichev. Biul. tekh.-ekon inform. no. 6:73-74 '61.

LOTOSHINO DISTRICT—CORN (MAIZE)

Talkov, I. I. [Obtaining 750 centners ov corn per hectare] 750 tsentnerov kukuruzy s gektara. [Moskva] Mosk. rabochii, 1961. 14 p. (Ludi, dela, plany)

LOUDSPEAKERS

Electrical and design data on loudspeakers Avtom., telem. i sviaz' 5 no. 5-3 of cover My '61

LOVOZERO TUNDRAS—GEOLOGY, STRUCTURAL

Recent data on the structure of the Lovozero Tundras. N. A. Eliseev. Vest. LGU 16 no. 12:161-163 '61.

LOVOZERO TUNDRAS—NEPHELINE SYENITE

Geochemistry of boron in nepheline syenites of the Lovozero Massif [with summary in English]. V. I. Gerasimovskii, V. G. Khitrov. Geokhimiia no. 6:535-537 '61.

LOW TEMPERATURE RESEARCH

Low-temperature luminescence and absorption of BiI_3 crystals. R. I. Shekhmamet'ev Fiz tver. tela 3 no. 2:581-584 F '61

LOWER TUNGUSKA VALLEY—VOLCANIC ASH, TUFF, ETC.

Tuffaceous series in the middle valley of the Lower Tunguska River (east of the village of Tura). V. N. Kudriashova, Izv. vys. ucheb. zav.: geol. i razv. 2 no. 12:69-77 '59.

LOZOVAYA—RAILROADS—TECHNOLOGICAL INNOVATIONS

Skillful workers of the Lozovnya district. I. M. Nepokupnyi. Put' i put khoz. 5 no 5:30-31 My '61.

LUBRICATION AND LUBRICANTS

Compounding formula, manufacture, and uses of carbon black-free lubricants for vulcanization molds, Kh. E. Malkina, A. N. Krasotina. Kauch. i rez. 20 no. 7:30-33 Jl '61.

Determining the performance of gear oil pumps in truck-tractor engines. A. A. Vvedenskii. Dokl TSKhA no. 86 119-130 '61.

Device for draining oil from the crankcase. A. Logvin. Tekh. v sel'khoz. 21 no. 6:87 Je '61.

Effect of sulfur containing in oil on the physicomechanical properties of friction surfaces. G. P. Sharonov. Khim. i tekh topl. i masel 6 no. 7 50-56 Jl '61.

Fractional composition of oil distillates. D. M. Slavinskii, M. M. Katsnel'son Khim i tekh. topl i masel 6 no. 7, 7-12 Jl '61.

The fuel supply system is 25 years old. V. Nikitin. Tyl i snab. Sov Voor. Sil 21 no. 2:20-23 F '61.

High-vacuum, high temperature solid lubricant. L. N. Sentiurikhina and others. Khim. i tekh. topl. i masel 6 no. 7:13-15 Jl '61.

MA-5 automatic lubricator. Shakht. stroi. 5 no. 5-4 of cover My '61.

LUBRICATION AND LUBRICANTS—ADDITIVES
Determination of chlorine in the presence of sulfur in petroleum products and additives to lubricants. N. V. Ogareva Khim. sera i azotorg. soed. v nefti i nefteprod. 3:151-154 '60

Thermographic analysis of antiseize additives to lubricants. I. E. Vinogradova, E. A. Alekseeva. Khim. i tekh. topl. i masel 6 no. 7:56-61 Jl '61

LUDWIGITE
Some geochemical characteristics of the ascharitization of magnesian-ferruginous borates [with summary in English]. S. M. Aleksandrov. Geokhimiia no. 6 493-499 '61.

LUGANSK—CONSTRUCTION INDUSTRY
Specialization in construction organizations of the Luganskmine Construction Trust Combine. L. Kuleshov. Ekon. strol. no. 5:47-50 My '61.

LUGANSK—DIESEL LOCOMOTIVES—MAINTENANCE AND REPAIR
Determining the number of repair workers in an enterprise. A. Pavlenko. Biul. nauch.-inform. otdel. i zar. plata 4 no. 5 29-36 '61.

LUGANSK—HEPATITIS, INFECTIOUS
Diffusion of epidemic hepatitis. O. A. Naromskaia. Zhur. mikrobiol. epid. i immun. 31 no. 12 97 D '60

LUGANSK PROVINCE—COAL MINES AND MINING—SAFETY MEASURES
Prevention of dust formation in mines of the Kirovugol' Trust. M. F. Gavriliuk, Iu. V. Zheltonozhko. Bezop. truda v prom. 5 no. 6 29-31 Je '61.

LUGANSK PROVINCE—GASES—ANALYSIS
Eliminate unnecessary doubling. V. I. Glebov. Bezop. truda v prom. 5 no. 6:35 Je '61.

LUKASHEVKA—BUILDINGS
The village of Lukashevka grows better-looking. M. Shylenina. Sel'. strol. 15 no. 4:12 Ap '61.

LUKIN, A.
A novel on vigilance ("Collaborator of the Cheka" by A. Lukin, D. I. Poliakovskii). Reviewed by N. Bondar') Sov. Ukr. 11 no. 6:166-169 Je '61.

LUMBER—PACKAGING
Lumber bundle strapping with steel bands. V. Petrovskii. Les. prom. 39 no. 5:25-26 My '61

Mechanize lumber packaging operations. L. S. Bobrov. Les. prom. 39 no. 5:26 My '61.

LUMBER—STANDARDS
New standard for round softwood. V. N. Terekhov. Les. prom. 39 no. 6:10 Je '61.

LUMBER—STORAGE
Simplest type of log pond in a lumbering mill. A. P. Konstantinov. Les. prom. 39 no. 5 27 My '61.

LUMBER—TRANSPORTATION
(see also subdivision under Archangel Province; Siberia; Siberia, Eastern)

Analytical investigation of vertical dynamic loads on the axle of the motortruck logging trailer. E. I. Lakh. Izv. vys. ucheb. zav., les. zhur. 4 no. 2:51-62 '61.

Calculating the railload volume for tugboat towing. K. A. Chekalkin. Les. prom. 39 no. 5:18-20 My '61.

Developing a network of temporary roads for hauling lumber by tractor in hilly and mountainous regions. P. K. Reznikov. Izv. vys. ucheb. zav., les. zhur. 4 no. 2:83-90 '61.

Effect of the volumetric weight of wood on the load capacity of the train. IA. G. Menshutkin. Izv. vys. ucheb. zav., les. zhur. 4 no. 2:160 '61.

From the practices of operating aerial skidder systems. D. A. Abramov, N. A. Krokhmaliuk. Les. prom. 39 no. 5:10-11 My '61.

[Udin, A. F.] [Lumber floating on abrupt waves in regulated floating rivers] Splav lesa na volne popuska pri regulirovanii stoka splavnykh rek. Moskva, Goslesbumizdat, 1960. 135 p.

Possibilities for year-round occupation of workers at lumber floating enterprises. P. I. Platonov. Izv. vys. ucheb. zav.; les. zhur. 4 no. 2:91-95 '61.

Rafting of full-length logs. Les. prom. 39 no. 6:17 Je '61.

Stream current speed damper. S. G. Markov. Les. prom. 39 no. 5:20-21 Je '61.

TDT-75 skidding tractor. M. I. Voronin, S. A. Gabovich, S. P. Zorin. Les. prom. 39 no. 6:11-13 Je '61

Use combined logging machinery for haulage without skidders. V. K. Garmatiuk. Les. prom. 39 no. 6:16 Je '61.

Ways of utilizing the possibilities for increasing labor productivity in primary lumber floating operations. B. S. Rotonov. Izv. vys. ucheb. zav.; les. zhur. 4 no. 2: 79-82 '61.

LUMBERING
(see also subdivision under British Guiana; Irkutsk Province; Kotel'nich; Pudozh; Siberia, Eastern)

Automatic horizontal bumper system. I. I. Shapiro. Les. prom. 39 no. 6,13-15 Je '61

Efficient distribution of lumbering enterprises. M. Sprintsyn. Les. prom. 39 no. 5 4-6 My '61.

Experimental economic analysis of the performance of semiautomatic production lines. N. Rozhin. Les. prom. 39 no. 6,25-27 Je '61

First successes of cooperation. A. Marusov. Les. prom. 39 no. 6 29 Je '61.

Green gold at your feet. V. Bratenko. Izobr. i rats. no. 7: 12-13 Jl '61.

Lumber industry in the first quarter of 1961. Les. prom. 39 no. 5,9 My '61

Possibilities for year-round occupation of workers at lumber floating enterprises. P. I. Platonov. Izv. vys. ucheb. zav., les. zhur. 4 no. 2 91-95 '61.

Streamflow diversion of northern rivers and tasks of the lumbering industry. D. Fogel', B. Shchiglovskii. Les. prom. 39 no. 5:1-4 My '61

LUMBERING—LABOR PRODUCTIVITY
Ways of utilizing the possibilities for increasing labor productivity in primary lumber floating operations. B. S. Rodionov. Izv. vys. ucheb. zav., les. zhur. 4 no. 2, 79-82 '61.

LUMBERING—MACHINERY
(see also subdivision under Canada; Latvia; Samara Bend; United States)

Combined tree felling machinery units are necessary. G. IA. Kriuchkov. Les. prom. 39 no. 5:13 My '61

Determining the economic advantages of the new equipment and techniques in the lower landings. A. G. Zheludkov. Les. prom. 39 no. 5:6-8 My '61.

Equipment for the processing of sawmill waste. Les. prom. 39 no. 6:30 Je '61.

"A fly in the ointment" ("Equipment and mechanization of operations in lumber yards" by A. I. Leshkevich, D. K. Voevoda, V. V. Nazarov. Reviewed by V. I. Palii). Les. prom. 39 no. 5 3 of cover My '61

Mechanize lumber packaging operations. L. S. Bobrov. Les. prom. 39 no. 5:26 My '61.

Sudnitsyn, I. I., and others. [Problems of mechanizing lumbering] Problemy mekhanizatsii lesozagotovok. Moskva, Goslesbumizdat, 1960. 194 p. (DA)

TsL-3 winch. A. D. Pakeev. Les. prom. 39 no. 5:31 My '61.

Use combined logging machinery for haulage without skidders. V. K. Garmatiuk. Les. prom. 39 no. 6:16 Je '61.

LUMBERING—TECHNOLOGICAL INNOVATIONS
Activities of the Central Scientific Research Institute for Mechanization and Power Engineering in the Forest Industry. D. Rokhlenko. Les. prom. 39 no. 5:29-30 My '61.

LUMINESCENCE
Awarding the Vavilov gold medal to E. V. Shpol'skii. Vest. AN SSSR 31 no. 6:85 Je '61.

Chemiluminescence in the decomposition of diphenylethane hydroperoxide, and its relation to the kinetics of this process. I. V. Zakharov, V. IA. Shlapintokh. Kin. i kat. 2 no. 2 165-171 Mr-Ap '61.

Examination of the luminescence spectrum produced by a high-intensity electric discharge in a stream of carbon tetrachloride vapors. IU. IA. Kuzinkov, V. M. Tatevskii. Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no. 2: 293-294 '60.

Investigation of extremely weak luminescence in biological systems. IU. A. Vladimirov, F. F. Litvin. Biofizika 4 no. 5:601-605 '59.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po khimii. [Chemical reagents; the most important reagents and pH indicators for luminescent analysis] Khimicheskie reaktivy; vazhneishie reaktivy i pH-indikatory dlia luminestsentnogo analiza. Moskva, [1959] 19 p.

Short-wave and long-wave ultraviolet light source for studying the luminescence of minerals. S. I. Iziumskii. Izv. AN Kazakh. SSR. Ser. geol. no. 1:104-109 '61

LUMINESCENT SUBSTANCES
Luminophors for fluorescent lamps with improved color transmission. B. M. Gugel', E. S. Lapir. Svetotekhnika 7 no. 5:7-11 My '61.

LUMUMBA, PATRICE, 1925-1961
Patrice Lumumba, the freedom banner of Africa. Az. i Afr. segs. no. 3:3-7 Mr '61.

LUNACHARSKII, ANATOLII VASIL'EVICH, 1875-1933
Lunacharskii as presented on the stage. I. Novoselitskaia. Sov. Ukr. 10 no. 2:189-190 F '60.

LUNGS
Morphological pulmonary changes in deep hypothermia in white rats. N. V. Korostoviseva, V. N. Fadeeva. Arkh. pat. 23 no. 4:32-36 '61.

On the problem of lesions of the lungs in Behcet's disease. A. G. Bobkov, Chang Yüeh-ming. Arkh. pat. 23 no. 5:64-67 '61

Sources of pulmonary leukemic infiltrations in leukosis; on the problem of the pulmonary hemopoietic function. A. D. Soboleva. Probl. gemat. i perel. krovi 6 no. 4 24-29 Ap '61

Zhadenov, V. N. [Lungs and heart in animals and man (in natural and historical development)] Legkie i serdtse zhivotnykh i cheloveka (v estestvenno-istoricheskom razvitii). Izd. 2., perer. i dop. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 477 p.

LUNGS—BLOOD SUPPLY
Congenital arteriovenous shunts of the lung. E. V. Ryzhkov. Arkh. pat. 23 no. 1:61-67 '61

LUNGS—CANCER
Adenomatosis of the lungs with malignant degeneration. N. A. Anisimova, V. V. Bystrova. Arkh. pat. 23 no. 5 74-76 '61

Influence of radioactive chrome phosphate on a transplanted Brown-Pearce tumor. K. A. Gudim-Levkovich. Vrach. delo no. 4 66-70 Ap '61.

LUNGS—DISEASES
Defensive role of the mucous membrane of the upper respiratory passages in lung diseases [with summary in English]. M. G. Novikov. Zhur. ush., nos. i gork. bol. 21 no. 3:52-53 My-Je '61.

Early diagnosis of postpartum (postabortal) septic diseases. S. B. Rafal'kes. Vop. okh. mat. i det. 6 no. 4:67-69 Ap '61.

Result of intrabronchial antibiotic therapy for pulmonary suppurations in district hospital. B. P. Popov. Sov. med. 25 no. 4.128-130 Ap '61.

LUNGS—DUST DISEASES
Diagnosis and therapy of early forms of silicotuberculosis [with summary in English]. I. A. Shaklein, A. G. Gol'del'man. Sov. med. 25 no. 4 31-34 Ap '61.

Effect of food enriched by methionine on the development of experimental silicosis in white rats [with summary in English]. A. IU. Grubina and others. Vop. pit. 20 no. 3 41-46 My-Je '61.

International symposium on the problem of silicosis in the mining industry. P. N. Torskii. Gor. zhur. no. 5:75 My '61.

Problem of clinical characteristics of silicosis and its complications [with summary in English]. N. A. Senkevich. Sov. med. 25 no. 4:35-41 Ap '61.

Use of a petrographic method for the study of mineral particles in animal tissues and urine after the introduction of quartz-containing dust. P. I. Titin, E. F. Kozhevnikova. Arkh. pat. 23 no. 4:54-61 '61.

LUNGS—INNERVATION
Reflex effect from the pulmonary receptors on the blood supply of the kidneys under normal conditions and in experimental renal hypertension [with summary in English]. A. I. Vyshatina. Pat. fiziol. i eksp. terap. 5 no. 3: 38-42 My-Je '61.

LUNGS—RADIOGRAPHY
Sounding and angiopneumography (general and selective) in pulmonary tuberculosis [with summary in English]. P. N. Mazaev and others. Eksper. khir. 4 no. 6:26-29 N-D '59.

LUNGS—TUMORS
On adenomatosis of the lungs in man. IU. G. Boiko. Arkh. pat. 23 no. 5:71-74 '61

LUPINE
Building plan for lupine-processing plants. K. Faikulin. Muk.-elev. prom. 27 no. 5:27-28 My '61.

Changes in the amount of the rhizosphere bacteria of lupine depending on the growth of plants and the presence of nutrients in soil. V. F. Nepomiluev. Doklady TSKhA no. 57 193-199 '60.

Chemical composition of cultivated and wild lupine species. N. A. Maisurian, M. M. Edel'shtein. Dokl. TSKhA no. 59: 67-76 '60.

LUPINE—FERTILIZERS AND MANURES
Reasons for the negative effect of lime on lupine. Kh. K. Asarov, L. M. Garmash. Dokl. TSKhA no. 64-65-73 '61.

LUPINE—HARVESTING
Harvesting forage lupine in separate stages. H. S. Kyiak, S. O. Bachevs'kyi. Visnyk sil'hosp. nauky 4 no. 7:93-95 Jl '61.

LUPUS
Acute erythematovisceritis [with summary in French]. G. A. Balburt. Sbor. nauch. rab. po lepr. i derm. no. 13: 134-142 '59.

LUZATIA (GERMANY, EAST)—COKE INDUSTRY
"Schwarze Pumpe" is being build. E. Kliuchevskaia. Vokrug sveta no. 7.26-27 Jl '61.

LVOV—AGRICULTURAL MACHINERY INDUSTRY
At the Lvov Agricultural Machinery Plant. V. F. Palii. Zashch. rast. ot vred. i bol. 5 no. 1:16-17 Ja '60.

L'VOV—ARCHITECTURE—DESIGNS AND PLANS
Students fulfill real projects. P. Marchenko, Komsom. zhizn' no. 24:21-22 D '59

L'VOV PROVINCE—COAL MINERS
In Mine No 2. Vasilii Glotov Sov Ukr 10 no. 2 126-133 F '60

L'VOV PROVINCE—FEED MILLS
Improve the planning and accounting in mixed feed production F Dzigovskii. Muk.-elev prom 27 no 6 27 Je '61

L'VOV PROVINCE—FIRES AND FIRE PREVENTION
Our helpers. V. Vasil'ev. Pozh. delo 7 no. 6:27 Je '61.

L'VOV PROVINCE—PARASITES
Effect of different growing conditions of the young-of-the-year pond carp on their parasite fauna. V. M. Ivasik Vop ikht 1 no 2:347-353 '61.

L'VOV PROVINCE—SOILS—ANALYSIS
Amount of viable seeds in peaty meadow soils of L'vov Province [with summary in English]. T. K. Zelenchuk. Biul. MOIP. Otd. biol 66 no 3 77-82 My-Je '61.

LYMPHATICS
Change in the plasmocyte reaction and formation of artitoxin in rabbits under the effect of penicillin [with summary in English] N. V Chumachenko. Zhur. mikrobiol. epid i immun 32 no. 1:73-76 Ja '61.

LYMPHATICS—CANCER
Extended indications for surgical treatment of metastases from laryngeal cancer in the cervical lymph nodes [with summary in English]. M L Sanotskii Zhur. ush., nos i gorl bol 21 no 1:66-69 Ja-F '61

LYSOZYME
Effect of immunization on the lysozyme content of saliva in animals. A. M. Monsenkov, Iu. B. Ostrovskii Dokl. AN SSSR 138 no. 5:1238-1240 Je '61.

Fleming's lysozyme (from "Scientific American," no. 6, 1960). Priroda 50 no 7 33-39 Jl '61.

LYUBERTSY—AGRICULTURAL MACHINERY INDUSTRY
"Book of resources" at the Lubertzy Agricultural Machinery Plant. NTO 3 no. 6:7 Je '61.

LYUBERTSY—MACHINERY INDUSTRY WORKERS
After shortening the workday. R. Aviev. Sots. trud 5 no. 12 121-127 D '60.

MACARONI
Milling durum wheat into macaroni flour. A. Bratukhin. Muk.-elev. prom. 27 no. 5:10-14 My '61.

MACHINE ACCOUNTING
Mechanization of estimated and standard accounting. E K. Gil'de. Kozh.-obuv prom 3 no. 3 9-12 Mr '61.
Mechanizing accounting, planning and designing work, and the work of engineers and technicians. V. Starovskii Sots. trud 5 no. 12 3-11 D '60
Seminar on the mechanization of accounting. IA Ezrubel'skii. Vest stat. no 6 80-82 '61.

MACHINE-SHOP PRACTICE
Multiple machining is a potential for saving metals. N.M. Kiement'ov. Mashinostroitel' no. 6:24 Je '61.

MACHINE-TOOL INDUSTRY see subdivision under Gorkiy; Moscow; Ryazan; Saratov; Tiflis; Vitebsk

MACHINE-TOOL INDUSTRY—PRODUCTION STANDARDS see subdivision under Kolomna

MACHINE TOOLS
(see also subdivision under Leninakan)
Automatic line for machining rings for twisting frames. P. A. Ponomarev. Biul. tekh.-ekon. inform. no. 5:44-47 '61.
Deformations of machine-tool tables arising in operation. A. S. Lapidus. Stan. i instr. 32 no. 7:22-24 Jl '61.
New machine tools. Stan. i instr. 32 no. 6:42-43 Je '61
New machine tools. Stan. i instr. 32 no. 7:39-41 Jl '61
Possibilities of using computers in program control. A.A. Voronov. Sbor. rab. po vop. elektromekh. no. 5:3-12 '61.
Specialized machine tools made of standard units for small-lot and lot production V. I. Korotkova. Stan. i instr. 32 no. 6:4-6 Je '61.
The ST-1470, ST-1459 and ST-1464 small drilling and milling machines. S. M. Zonnenberg. Biul. tekh.-ekon. inform. no. 5:35-37 '61.
Trigalev, V. N., V. O. Chebotarevich, and S. M. Skorobagatov. [Reinforced-concrete beds for machine tools] Zhelezobetonnye stanины metallorezhushchikh stankov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960.
Turn table with 100-ton carrying capacity. V. M. Kopaigorenko. Biul. tekh.-ekon. inform. no 5:41-44 '61.

MACHINE TOOLS—ATTACHMENTS
[Devices for multiple machining of parts; experience of some Leningrad plants] Prisposobleniia dlia gruppovoi obrabotki detalei; opyt nekotorykh leningradskikh zavodov. [Leningrad] Lenizdat, 1960. 254 p.

Volosatov, V. A. [Pneumatic attachments for machine tools] Pnevmaticheskie prisposobleniia k metallorezhushchim stankam. [Leningrad] Lenizdat, 1961 182 p.

MACHINE TOOLS—HYDRAULIC DRIVING
Turn tables with a hydraulic drive D. G. Gol'tsiger Stan. i instr. 32 no. 6:37-38 Je '61

MACHINE TOOLS—NUMERICAL CONTROL
Algorithms for the automatic processing of information for program controlled machine tools. B. V. Anisimov. Avtom. upr. i vych. tekh. no. 4:283-305 '61.
Converter of linear magnitudes to a digital code. A. E. Zverev. Avtom. upr. i vych. tekh. no. 4:324-338 '61.
Program control of metal cutting machine tools. V. N. Golubkin, B. I. Belov. Avtom. upr. i vych. tekh. no. 4: 306-323 '61.

MACHINE TOOLS—STANDARDS
Development of rigidity standards for machine tools V. A. Vedeneskii Standartizatsiia 25 no 6 16-22 Je '61

MACHINE TOOLS—TECHNOLOGICAL INNOVATIONS
Adjustments of hydraulic copying machine tools for machining stepped splined shafts L E Burshtein Stan i instr. 32 no. 7:7-9 Jl '61.

MACHINE TRANSLATING
Certain problems concerning the coding of vowel sounds. A. G. Kakauridze. Trudy Inst. elek., avtom. i telem. AN Gruz. SSR 1:41-63 '60.
Concerning the algorithm of Russian-Georgian machine translation. G. B Chikoidze. Trudy Inst elek., avtom. i telem. AN Gruz. SSR 1:17-23 '60.
Distributing letters in words in the Georgian language [in Georgian with summary in Russian]. G. N. TSertsvadze, T. G. Gachechiladze. Trudy Inst. elek., avtom. i telem. AN Gruz. SSR 1:29-39 '60.
Statistics of two-letter combinations for the Georgian literary language [in Georgian with summary in Russian]. T. G Gachechiladze, A. I. Elashvili. Trudy Inst. elek., avtom. i telem. AN Gruz. SSR 1:25-27 '60.
Systems for the analysis of the Georgian language for machine translation [in Georgian with summary in Russian]. M. E. Damenita. Trudy Inst. elek., avtom. i telem. AN Gruz. SSR 1:3-15 '60.

MACHINERY
Basic problems in modern machine dynamics. I. I. Artobolevskii. Trudy Inst. mash. Sem. po teor mash. 21 no. 83-84 5-28 '61.

MACHINERY—BIBLIOGRAPHY see Bibliography—Machinery

MACHINERY—CONSTRUCTION
Alekseev, G. P., and I. S. Mazover. [Manual for machinery designers and builders, formulas and calculations] Spravochnik konstruktora-mashinostroitelia; formuly i raschety. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 447 p.
Experience in reducing the weight of machinery. L. V. Bartashev. Vest. mash. 41 no. 7:3-8 Jl '61.
Gorlainova, A. V. [Glass-reinforced plastic in machinery manufacturing] Stekloplastiki v mashinostroenii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 214 p.
[Machinery manufacture.] Ref. zhur.: Mashinostr. no. 12 Je '61.
[Machinery manufacture.] Ref. zhur.: Mashinostr. nos. 13-14 Jl '61.
Tarabasov, N. D. [Calculating wringing fits in the manufacture of machinery] Raschety napriazhennykh posadok v mashinostroenii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 266 p.

MACHINERY—DESIGN
Leningrad. Politekhnicheskii institut. [Design of mechanisms of industrial machinery] Raschet i proektirovanie mekhanizmov proizvodstvennykh mashin; konspekt lektsii professora N. I. Kolchina obrabotan i dopolnen dotsentom M. V. Gnuchevym. Leningrad, 1960. 73 p.

MACHINERY, KINEMATICS OF
Determining the law of motion for a machine unit with an electric drive. V. F. Mal'tsev. Izv. vys. ucheb. zav., mashinostr. no. 4:14-17 '61.
Kinematic calculation of certain multilinked mechanisms. N. D. Luchinskii. Mekh. i elek. sots. sel'khoz. 19 no. 3: 25-29 '61.

MACHINERY IN INDUSTRY
Khoteev, A. A. [The economic bases of the development of techniques and technology in industrial production] Ekonomicheskie osnovy razvitiia tekhniki i tekhnologii promyshlennogo proizvodstva. Moskva, Gos. izd-vo planovo-ekon. lit-ry, 1961. 130 p.
Method of estimating the achieved mechanization of labor. G. P. Ispirian. Kozh.-obuv. prom. 3 no. 3:4-5 Mr '61.
New procedure in the financing of expenditures relating to the construction and introduction of new machinery. V. Stetsiura. Ekon. Rad. Ukr. no. 3:116-118 My-Je '61.

MACHINERY INDUSTRY
(see also subdivision under Armenia, Czechoslovakia, Gomel'; Leningrad, Soviet Central Asia; Sverdlovsk; Ukraine; United States; Voronezh)
All-Union Competition for the best paper on the Organization and Equipment of Operator's Positions in Machine Manufacturing Plants Svar. proizv. no. 7:48 Jl '61.
All-Union competition for the best work on the organization and equipment of working spaces in machinery industry. Kuz. shtam. proizv 3 no. 7 3 of cover Jl '61.
How to determine the efficiency of the technical reconstruction of machinery manufacturing plants. M. Prokopenko. Ekon. Rad. Ukr. no. 3:12-18 My-Je '61.
Improve the standard of literature on problems of wage organization ("Wage organization in a machinery manufacturing enterprise" by L. E. Gurin. Reviewed by I Nikitin) Sots trud 6 no 5:156-159 My '61.
Kheinman, S. A. [Production organization and labor productivity in the U. S. S. R. industry; based on machinery manufacturing and ferrous metallurgy] Organizatsiia proizvodstva i proizvoditel'nost' truda v promyshlennosti SSSR; na primere mashinostroeniia i chernoi metallurgii. Pod obshchei red. K. I. Klimenko. Moskva, Gos. izd-vo planovo-ekon. lit-ry, 1961. 225 p.
"Organization and planning of machinery plants" by E G. Liberman and others. Reviewed by I N. Bagrikov, G. E Popov, N. F. Ugolik Vest mash 41 no. 6:83-84 Je '61.
Rabinovich, A. N. [Over-all mechanization and automation of work processes in machinery and instrument manufacturing] Kompleksnaia mekhanizatsiia i avtomatizatsiia proizvodstvennykh protsessov v mashinostroenii i priborostroenii. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 535 p.
Work mechanization problems in the machinery industry. E. Voronin. Sots. trud 5 no. 12 52-62 D '60

MACHINERY INDUSTRY—ACCOUNTING
Krepish, P. V. [Operational planning control of production in a machinery manufacturing plant] Operativno-planovyi kontrol' proizvodstva na mashinostroitel'nom zavode. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1951. 186 p.

MACHINERY INDUSTRY—COSTS
Moskovskii dom nauchno-tekhnicheskoi propagandy imeni F. E. Dzerzhinskogo. [Accounting of the expenditures for production and the calculation of the unit costs of industrial products] Uchet zatrat na proizvodstvo i kal'kulirovanie sebestoimosti promyshlennoi produktsii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 254 p.

MACHINERY INDUSTRY—FINANCE
Issuing credit to nonsocial machinery manufacturing enterprises O Valjaots, M Asinovskii. Den. i kred. 19 no. 6:53-55 Je '61.

MACHINERY INDUSTRY—LABOR PRODUCTIVITY
Methodology of the statistical study of labor productivity factors in machinery manufacturing. IA. Gerchuk, L. Mints Vest. stat. no. 6:33-40 '61.

MACHINERY INDUSTRY—PERIODICALS
Readers' conference at the Ivanovo Peat Machinery Plant. R. A. Fomicheva. Stroi. i dor mash 6 no. 6:30 My '61.

MACHINERY INDUSTRY—PRODUCTION STANDARDS
Establishing technical standards for the multiple machining of machine parts. N. Kirtsov. Sots. trud 6 no. 5. 76-80 My '61.

MACHINERY INDUSTRY—QUALITY CONTROL
Wages in machinery manufacturing enterprises and their relation to production quality. F Kasatkin Sots. trud 6 no 5 41-46

MACKEREL

Distribution of eggs of the Pacific mackerel Pneumatophorus japonicus (Houttuyn) and the mullet Mugil so-iuy Basilewsky in Peter the Great Bay O. A. Zviagina. Trudy Inst. okean 13;328-336 '61.

MACROMOLECULAR COMPOUNDS

Conformational transformations of macromolecules in solutions. Part 1 Conformational transformations of polymethacrylic acid [with summary in English] S. S. Urazovskii, I. T. Slisarov. Vysokom soed. 3 no. 3 420-425 Mr '61.

Interpretation of experimental data on the translational friction of flexible macromolecules in good solvents [with summary in English] S. I. Klenin, O. B. Ptitsyn. Vysokom soed. 3 no. 6;912-918 Je '61.

Reproduction and transfer of information in the synthesis of biological macromolecules Zh. A. Medvedev Zhur. VKHO 6 no. 3 268-275 '61.

Work of the Institute of Macromolecular Compounds. Vest. AN SSSR 31 no. 5 98-99 My '61

MADAGASCAR—POSTAGE STAMPS

Asia and Africa in postage stamps. P. Mazur. Az. i Afr. seg. no. 6-64 Je '61.

MAGNESITE see subdivision under Aktyubinsk Province

MAGNESIUM—SPECTRA

Quantitative spectral analysis of vulcanizates in the ultraviolet V. N. Gulimov, I. P. Martiukhina. Kauch. i rez. 20 no. 6;36-37 Je '61.

MAGNESIUM-ALUMINUM ALLOYS see Aluminum-magnesium alloys

MAGNESIUM CARBONATE

Accelerated means of detecting silicon dioxide in magnesite, its by-products, and dolomite S. N. Myshkin. Ogneupory 26 no. 5 239-240 '61.

MAGNESIUM COMPOUNDS

Photoelectronic emission from the intermetallic compounds Mg_2Sn and InAs [with summary in English] P. G. Borziak, P. M. Marchuk, H. F. Mitians'kyi Ukr. fiz. zhur. 5 no. 1 65-71 Ja-F '60.

MAGNESIUM FERRATE

Dynamics of powder figures on single crystals of magnesium and manganese ferrites. A. I. Drokin, V. D. Dylgerov, IU. M. Zolotareva. Fiz. tver. tela 3 no. 2; 553-557 F '61

MAGNESIUM HYDROXIDE

Reaction of magnesium hydroxide formation. A. I. Ul'ianov. Izv. AN SSSR, Otd. khim. nauk no. 6;951-958 Je '61.

MAGNESIUM NITRATE

Solubility isotherm for the system $UO_2(NO_3)_2$ - $Mg(NO_3)_2$ - H_2O at 0 and 25° M. A. IAkimov, N. F. Nosova. Zhur. neorg. khim. 5 no. 3 720-721 Mr '60

MAGNESIUM OXIDE—OPTICAL PROPERTIES

Stability of the reflecting power of magnesium oxide over a wide temperature range [with summary in English] V. N. Vyshneye'kyi, O. B. Lyskovych, N. S. Pidzyrailo. Ukr. fiz. zhur. 6 no. 2;213-215 Mr-Ap '61.

MAGNESIUM SULFATE

Isotherm of the system $MgSO_4$ - $CaSO_4$ - H_2O at 25 C. A. S. Kolosov. Trudy Khim.-met. inst. Zap.-Sib. fil. AN SSSR no. 12,29-36 '58.

MAGNETIC AMPLIFIERS

[illegible] 'ar-

[illegible] ykh Gos.

Device for investigating the galvanomagnetic effects with pressure applied from all sides A. A. Averkin, V. N. Bogomolov Fiz. tver. tela 3 no. 2;627-629 F '61

Distribution of excess current carriers in an anisotropic cubic crystal in the presence of a magnetic field. V. N. Dobrovol'skii. Fiz. tver. tela 3 no. 5;1574-1580 My '61.

Effect of a constant longitudinal magnetic field on a high-frequency discharge in mercury. S. D. Vagner, N. I. Van'chikova Zhur. tekh. fiz. 29 no. 12;1475-1477 D '59.

Electron-microscopic observation of magnetic microfields with the aid of replicas. L. V. Lazareva, G. V. Spivak Izv. AN SSSR Ser. fiz. 25 no. 6 742-747 Je '61.

Electron-optical measurement of electric and magnetic microfields on surfaces. N. N. Sedov, G. V. Spivak, N. F. Isaeva. Izv. AN SSSR, Ser. fiz. 25 no. 6;725-729 Je '61.

Electrostatic effects in the movement of a rarefied plasma in a nonuniform magnetic field. IU. S. Sigov. Dokl. AN SSSR 138 no. 6 1337-1340 Je '61

Energy spectra of an antiferromagnetic in a magnetic field [with summary in English] V. A. Popov Ukr. fiz. zhur. 6 no. 1 25-33 Ja-F '61

Investigating the escape of plasma from a magnetic mirror trap [with summary in English]. M. S. Ioffe and others Zhur. eksp. i teor. fiz. 40 no. 1 40-48 Ja '61

Measuring the galvanomagnetic effect in ferrites near the Curie temperature K. P. Belov, A. S. Pakhomov, L. V. Talalaeva Fiz. tver. tela 3 no. 2;436-440 F '61

Motion of a plasma flowing in a tube in external crossed electric and magnetic fields. V. M. Sarychev. PMTF no. 1,3-9 Ja-F '61.

Polarization of some radioactive isotopes in alloys containing iron [with summary in English]. A. V. Kogan and others Zhur. eksp. i teor. fiz. 40 no. 1 109-113 Ja '61

Principle of duality and electric models of magnetic shields G. IA. Marav'eva, V. N. Rudakov. Izv. vys. ucheb. zav., energ. 4 no. 5;32-39 My '61

Temperature dependence of the galvanomagnetic effect in manganese ferrites. E. V. Talalaeva. Fiz. tver. tela 3 no. 2;441-449 F '61

Theory of linear irreversible processes in a strong magnetic field. M. I. Klinger. Fiz. tver. tela 3 no. 5,1342-1353 My '61.

Theory of the electrical conductivity of semiconductors in a mangetic fields Part 1 [with summary in English] V. L. Gurevich, IU. A. Firsov. Zhur. eksp. i teor. fiz. 40 no. 1 199-213 Ja '61.

Turbulence of plasma in a magnetic mirror trap [with summary in English]. B. B. Kadomtsev. Zhur. eksp. i teor. fiz. 40 no. 1;328-336 Ja '61.

MAGNETIC INSTRUMENTS

Magnetographic method for testing nonmagnetic current-carrying materials E. A. Butuzov, IU. I. Markelov. Vest. mash. 41 no. 7;65-67 Jl '61.

MAGNETIC MATERIALS

Energy spectra of an antiferromagnetic in a magnetic field [with summary in English]. V. A. Popov. Ukr. fiz. zhur. 6 no. 1 25-33 Ja-F '61.

Physics of new ferromagnetic substances. K. P. Belov. Vest. AN SSSR 31 no. 5 33-38 My '61.

MAGNETIC MATERIALS—THERMAL PROPERTIES

Thermal conductivity of antiferromagnetics at low temperatures [with summary in English] R. I. Urushadze Ukr. fiz. zhur. 6 no. 1 34-39 Ja-F '61.

MAGNETIC MEMORY (CALCULATING MACHINES)

Determination of the optimum parameters of certain types of magnetic logic elements [with summary in English]. N. P. Vasil'eva, I. Gashkovets. Avtom. i telem. 22 no. 7; 919-933 Jl '61.

Generator of pulse batches. IU. A. Kosarev. Sbor. rab. po vop. elektromekh. no. 5,226-240 '61.

Stabilization of the angular velocity of the recording drum of a magnetic memory device. IU. M. Smirnov, V. I. [illegible] Avtom. upr. i vych. tekh. no. 4;339-354

VECTING

ion under Russia, Northern)

s in aerial magnetic prospecting. m. biul. NIIGA no. 18;63-74 '60

dimensional integral transforma- nagnetic anomalies. O. A. Solov'ev. 12-93 '61.

AND RECORDING

of magnetic recording. IU. P. iaz' 15 no. 6;57-61 Je '61.

N OF ORES

gnetic separator. V. G. Gololobov. rin. no. 5;9-10 '61.

EMENT

sm of magnetic susceptibility on al magnetism measurements glish]. V. M. Zavois'kyi, Z. A. AN URSR no. 6;736-739 '61.

RIAL

nder Siberian Platform)

climate and the problem of exten- l movements [with summary in tkin. Sov. geol. 4 no. 5;16-38

MAGNETITE see subdivision under Kustanay Province

MAGNETITE—ANALYSIS

Mercury reduction method for the determination of magnetite in slags from lead smelting. S. G. Trofimova Izv. AN Kazakh SSR, Ser. met., obog. i ogneup. no. 1; 55-58 '61

MAGNETOHYDRODYNAMICS

Absorption of waves of finite amplitude in a conducting medium [with summary in English] IU. F. Filippov. Ukr. fiz. zhur. 6 no. 2 240-254 Mr-Ap '61

Axisymmetric self-simulating gas flow with strong shock waves in a magnetic field I. P. Malyshev. Izv. AN SSSR Otd. tekh. nauk, Mekh. i mashinostr. no. 3 182-183 My-Je '61

Damping of magnetohydrodynamic waves in a rarefied plasma [with summary in English]. V. V. Dolgopolov, K. M. Stepanov Ukr. fiz. zhur. 5 no. 1 59-64 Ja-F '60

Disintegration of arbitrary rupture in magnetohydrodynamics. V. V. Gogosov. Prikl. mat. i mekh. 25 no. 1 108-124 Ja-F '61.

Gas flow around a wedge accompanied by a partial internal energy lag. A. V. Eletskii. PMTF no. 2;54-63 Jl-Ag '60.

Mixed magnetohydrodynamic flows. M. N. Kogan. Prikl. mat. i mekh. 25 no. 1;132-137 Ja-F '61.

One-dimensional movements of gas accompanied by shock waves located in a magnetic field. V. P. Korobeinikov. PMTF no. 2 47-53 Jl-Ag '60.

Shock adiabatic in magnetohydrodynamics [with summary in English] R. V. Polovin, V. P. Demutskyi Ukr. fiz. zhur. 5 no. 1 3-11 Ja-F '60

Steady ionized gas flow through a flat duct considering the anisotropy of conductivity. V. B. Baranov. Izv. AN SSSR, Otd. tekh. nauk, Mekh. i mashinostr. no. 3;22-25 My-Je '61

Structure of an inclined magnetohydrodynamic shock wave. A. G. Kulikovskii, G. A. Liubimov. Prikl. mat. i mekh. 25 no. 1;126-131 Ja-F '61.

Trajectory of the flow in a magnetic tube connected with the sun [with summary in English]. L. S. Marochnik. Astron. zhur. 38 no. 3;409-418 My-Je '61.

MAGNETOMETER

Remote action magnetometer [with summary in English] M. H. Afanas'iev and others. Ukr. fiz. zhur. 6 no. 2 191-196 Mr-Ap '61

Use of small astatic systems. A. S. Bol'shakov. Izv. AN SSSR, Ser. geofiz. no. 7;1025-1030 Jl '61.

MAGNETORESISTANCE

Longitudinal magnetoresistance of semiconductors of n-germanium type within the quantum limit. M. N. Riabinin. Fiz. tver. tela 3 no. 5;1310-1313 My '61.

MAGNETRONS

Concerning the article "Theory of a magnetron generator," V. A. Malyshev. Radiotekh. i elektron. 6 no. 6 1030 Je '61.

MAGNETS—STANDARDS

Cast permanent magnets. G. A. Markin. Standartizatsiia 25 no. 6;58-59 Je '61.

MAGNITOGORSK—ARCHITECTURE

Kazarinova, V. I., and V. I. Pavlichenkov. Magnitogorsk. Pod red. G. B. Minervina. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 240 p. (Opyt sovetskoi arkhitektury)

MAGNITOGORSK—BLAST FURNACES

Metal of the seven-year plan is flowing. Metallurg 6 no. 7;20a-20b Jl '61.

MAGNITOGORSK—CITY PLANNING

Kazarinova, V. I., and V. I. Pavlichenkov. Magnitogorsk. Pod red. G. B. Minervina. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 240 p. (Opyt sovetskoi arkhitektury)

MAGNITOGORSK—FURNACES, HEAT-TREATING

Erecting the battery of heat-treating furnaces for the "2500" mill. G. P. Gromakov. Mont. i spets. rab. v stroi. 23 no. 5;17-21 My '61.

MAGNITOGORSK—IRON MINES AND MINING

Experience of miners of the Magnitogorsk Iron Mine. S. I. Elenskii. Bezop. truda v prom. 5 no. 6 27-29 Je '61.

MAGNITOGORSK—LANDSCAPE GARDENING

Magnitogorsk gardeners. A. G. Dan'shin. Zodrov'e 7 no. 7;27 Jl '61.

MAGNITOGORSK—METALLURGICAL PLANTS

First to win the title. G. Suvorov, A. Khinkis, M. Churilin. Metallurg 6 no. 7;27-29 Jl '61.

MAGNITOGORSK—ROLLING MILLS

Assembling steel elements during the construction of the building of the "2500" mill. A. A. Kaplin, S. S. Nikitin. Mont. i spets. rab. v stroi. 23 no. 5;9-13 My '61.

Building the first line of a rolling mill of the "2500" series. G. O. Gol'denberg, I. F. Falkon. Prom. stroi. 39 no. 4;11-16 '61.

MAGNITOGORSK – ROLLING MILLS (Continued)
Large-block assembly of the technical equipment of the "2500" rolling mill of the Magnitogorsk Metallurgical Combine. K. S. Kochanov. Mont. i spets. rab v stroi. 23 no. 5:4-9 My '61.

MAGNITOGORSK—ROLLING MILLS—ELECTRIC EQUIPMENT
Assembling the electrical equipment of the "2500" mill. L. E. Borichev. Mont. i spets. rab. v stroi. 23 no. 5 14-17 My '61.

MAGNITOGORSK—STEELWORKS
Planned work. V. Loskutov. NTO 3 no. 6:46 Je '61.

MAIAKOVSKII, VLADIMIR VLADIMIROVICH, 1894-1930
Maiakovskii and the works of W. Bronlewski written during the 1930's. Florian Neuvazhnyi. Dosl. z lit. ta mov. no. 1 61-72 '60.

Metchenko, A. I. [Maiakovskii's creative work, 1925-1930] Tvorchestvo Maiakovskogo, 1925-1930 gg. Moskva, Sovetskii pisatel', 1961. 649 p.

"Word and thought; the poetic skill of V. Maiakovskii" by N. Kaiitin. Reviewed by L. Timofeev. Vop. lit. no. 12: 190-194 D '59.

MAIZEL, SERGEI OSIPOVICH
Immortalize the memory of S. O. Maizel. V. G. Samsonova and others. Svetotekhnika 7 no. 6 28-29 Je '61.

MAKEYEVKA—MILITARY EDUCATION
Improving. F. Leont'ev. Voen. znan. 37 no. 6:20-21 Je '61.

MAKEYEVO—RURAL SCHOOLS
Rural schools in the struggle for universal education. N. Grachev. Nar. obr. no. 7:31-32 Jl '61.

MAKHARADZE DISTRICT—METAMORPHISM (GEOLOGY)
Behavior of lithium and rubidium in the contact process (exemplified in the Vakis-Dzhvari intrusion, Georgian S. S. R.) [with summary in English] G. S. Zukariadze. Geokhimiia no. 7 584-595 '61.

MAKHNEVO REGION—COAL GEOLOGY
Synonymy of coal seams in the Makhnevo deposit. IA. M. Chernoysov, V. A. Kniazev, L. V. Anfimov. Izv. vys. ucheb. zav.; gor. zhur. no. 4:3-8 '61.

MALI REPUBLIC—ECONOMIC CONDITIONS
Mali searches and finds its path, overcoming a thousand obstacles. Henri Lebrun. Vsem. prof. dvizh. no. 5 39-42 My '61.

MALI REPUBLIC—MILITARY BASES, FRENCH
Liquidation of French bases in Mali. L. Chertok. Az. i Afr. seg. no. 6:53-54 Je '61.

MALI REPUBLIC—POLITICS AND GOVERNMENT
Mali searches and finds its path, overcoming a thousand obstacles. Henri Lebrun. Vsem. prof. dvizh. no. 5 39-42 My '61.

MALI REPUBLIC—POSTAGE STAMPS—TOPICS
Asia and Africa in postage stamps. Az. i Afr. seg. no. 3:60 Mr '61.

MALONATES
Absorption spectrum of extracts of potatoes prepared with the diethanolamino salt of malonic acid hydrazide. M. P. Grebenshchikova, K. V. Mukhorina, S. G. Bogomolov. Vop. pit. 20 no. 3 60-63 My-Je '61.

MALT
Outbreak of aspergillosis at a brewery and alcohol plant [with summary in English]. G. A. TSaturova, O. N. Morez. Vop. pit. 20 no. 3:55-59 My-Je '61.

MALT EXTRACTS
Biochemical changes in rat muscles during exercise of various duration and under conditions of supplementary inclusion of malt extract, maltose, and glucose into their food ration [with summary in English]. A. P. Krasnova, N. R. Chagoveis. Ukr. biokhim. zhur. 33 no. 3:402-406 '61.

MALYSHKIN, ALEKSANDR GEORGIEVICH, 1890-1938
A. Malyshkin's "The legend." N. Malakhov. Vop. lit. no. 11:191-194 N '59.

MALYSHKO, ANDRII, 1912-
On a wave of contemporaneity. N. Ravliuk. Sov. Ukr. 11 no. 6:147-154 Je '61.

MALYYE USHKAN'I ISLANDS—BIRDS
Birds of Ushkan'i Islands. O. K. Gusev. Ornitologiia no. 3 226-233 '60.

MALYYE USHKAN'I ISLANDS—DISCOVERY AND EXPLORATION
Gusev, O. K. [From the Barguzinskiy Reservation to the Ushkan'i Islands; traveler's notes] Ot Barguzinskogo zapovednika do Ushkan'ikh ostrovov; zapiski putoshestvennika. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1960. 126 p.

MAMA VALLEY—GEOLOGY, STRATIGRAPHIC
Concerning the geology of the basin of the middle Mama River (The Northern Baikal Highland). S. D. Shea. Sov. geol. 4 no. 6 121-129 Je '61.

MAMAKAN HYDROELECTRIC POWER STATION—CONCRETE CONSTRUCTION
Concrete operations by the Mamakan Hydroelectric Power Station Construction Trust. N. K. El'b, I. A. Gnatov. Gidr. stroi. 31 no. 5:11-15 My '61.

MAMAKAN RIVER—COFFERDAMS
Actual observations during the closing of the channel of the Mamakan River. V. I. Teleshev, N. K. El'b. Gidr. stroi. 31 no. 5:16-20 My '61.

MAMIN, DMITRII NARKISOVICH, 1852-1912
Syntactic characteristics of dialogue in the works of D. N. Mamin-Sibiriak. A. V. Shveta. Dosl. z lit. ta mov. no. 1: 96-101 '60.

MAMIN-SIBIRIAK, pseud. see Mamin, Dmitrii Narkisovich, 1852-1912

MAMMALS
Dinesman, L. G. [Effect of wild mammals on the formation of tree stands] Vliianie dikikh mlekopitaiushchikh na formirovanie drevostoev. Moskva, Izd-vo Akad. nauk SSSR, 1961. 164 p.

MAMMALS—ANATOMY
"Organs of the mammalian organism and their function" by L. P. Astanin. Reviewed by P. S. Revutskaia, A. G. Korotkov. Arkh. anat. gist. i embr. 38 no. 2:102-103 F '60.

MAMMARY GLANDS
Bilateral ligation of the internal arteries of the mammary glands in stenocardia. A. S. Oganesian, M. I. Zhidovtseva. Vrach. delo no. 4:37-41 Ap '61.

MAN, PREHISTORIC see subdivision under Armenia; Romankovo (Dnepropetrovsk Province)

MANDELIC ACID
Quantitative determination of scandium by means of halosubstituted mandelic acid [with summary in English]. I. P. Alimarin, Shen' Kuhn'-si (Shên Han-hsi). Zhur. anal. khim. 16 no. 3 279-283 My-Je '61.

MANGANESE
Effect of manganese on the phase constitution of electrical silicon steels. N. F. Dubrov, M. I. Gol'dshtein, S. G. Guterman. Fiz. met. i metalloved. 11 no. 6 919-922 Je '61.
Electron capture cross sections for manganese atoms in germanium. E. G. Landsberg, S. G. Kalashnikov. Fiz. tver. tela 3 no. 5:1566-1570 My '61.

MANGANESE—PHYSIOLOGICAL EFFECT
Effect of lowered dietary manganese on the growth and development of rat offspring [with summary in English]. T. S. Samofal. Vop. pit. 20 no. 2:44-47 Mr-Ap '61.

MANGANESE—SPECTRA
Studying the lower excited states of Mn^{56} and Ho^{166} by measuring the coincidences of cascade γ-quanta [with summary in English]. A. S. Melioranskii, I. V. Estulin, L. F. Kalinkin. Zhur. eksp. i teor. fiz. 40 no. 1:64-71 Ja '61.

MANGANESE-ALUMINUM-TITANIUM ALLOYS see Titanium-aluminum-manganese alloys

MANGANESE COMPOUNDS
Enthalpy of the formation of compounds of manganese with the elements of the main sub-group of group V. S. A. Shchukarev, M. P. Morozova, T. A. Stollarova. Zhur. ob. khim. 31 no. 6:1773-1777 Je '61.
Temperature dependence of the Hall effect in $MnAu_2$ [with summary in English]. V. N. Novogrudskii, I. G. Fakidov. Zhur. eksp. i teor. fiz. 40 no. 1:76-78 Ja '61.

MANGANESE FERRATE
Dynamics of powder figures on single crystals of magnesium and manganese ferrites. A. I. Drokin, V. D. Dylgerov, IU. M. Zolotarevá. Fiz. tver. tela 3 no. 2: 553-557 F '61.

MANGANESE FERRATE—ELECTRIC PROPERTIES
Temperature dependence of the galvanomagnetic effect in manganese ferrites. E. V. Talalaeva. Fiz. tver. tela 3 no. 2:441-446 F '61.

MANGANESE MINES AND MINING see subdivision under Nikopol' region (Ukraine)

MANGANESE-NIOBIUM ALLOYS
Physicochemical interaction between manganese and niobium. E. M. Savitskii, Ch. V. Kopetskii. Zhur. neorg. khim. 5 no. 3:755-757 Mr '60.

MANGANESE ORES
(see also subdivision under Ural Mountain region; Usa Valley)
All-Union congress on dressing and using low-grade manganese ores in the production of manganese alloys. S. G. Mirakov. Gor. zhur. no. 5:76 My '61.

MANGANESE OXIDE
Effect of NiO and MnO on the dielectric properties of $BaTiO_3$. IE. A. Stafiichuk. Ukr. fiz. zhur. 6 no. 2: 272-279 Mr.-Ap '61.
Production of manganese dioxide of reagent purity. D. M. Korf, A. A. Mazuren. Khim. prom. no. 5:361 My '61.

MANGANESE SILICIDE—ELECTRIC PROPERTIES
Electric properties of higher manganese silicides. V. A. Kornshunov, P. V. Gel'd. Fiz. met. i metalloved. 11 no. 6 945-947 Je '61.

MANGANESE STEEL—ELECTROMETALLURGY
Reducing the amount of ferromanganese used in making G13L steel. IU. A. Shul'te, V. S. Shitikov, M. I. Kurbatov. Lit. proizv. no. 8:40-41 Je '61.

MANGANESE STEEL—HEAT TREATMENT
Transformations in vanadium-manganese steel during electric tempering. V. N. Gridnev, V. G. Nechiporenko. Izv. vys. ucheb. zav.; chern. met. 4 no. 6:111-118 '61.

MANGYSHLAK PENINSULA—GEOLOGY, STRATIGRAPHIC
"Tertiary sediments of the Mangyshlak Peninsula" by E. V. Liverovskaia. Reviewed by V. V. Lavrov. Vest. AN Kazakh SSR 17 no. 5 108-110 My '61.

MANGYSHLAK PENINSULA—LAMELLIBRANCHIATA, FOSSIL
Some new Sarmatian cardiids of the Mangyshlak. N. P. Sidorova. Paleont. zhur. no. 2 43-49 '61.

MANICURING
Kol'gunenko, I. I. [Care for the skin of the hands, feet, and for the nails, manual for manicurists] Ukhod za kozhei ruk, nog i za nogtiami; posobie dlia manikiursh. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 86 p.
(DNLM)

MANIN, VLADIMIR ALEKSANDROVICH, 1889-
Vladimir Aleksandrovich Manin. A. K. Kovalevskii. Biul. nauch.-tekh. inform. Ukr. NIILKhA no. 3/4:66-67 '57.

MANN, THOMAS, 1875-1955
"Thomas Mann and Russia" [in Czech] by Alois Hofman. Reviewed by T. Motyleva. Vop. lit. no. 12, 217-222 D '59.

MANNANS
The structure of mannan in diphtheria bacilli [with summary in English] O. K. Orlova. Biokhimiia 26 no. 3. 139-443 My-Je '61.

MANNERS AND CUSTOMS
Makarova, N. F. [Let's talk about ourselves and our life] Pogovorim o zhizni i o sebe; zapiski lektora. Moskva, Gos. izd-vo polit. lit-ry, 1961. 67 p. (Iz serii o kommunisticheskoi morali)

MANNICH BASES
Mannich bases in the series of derivatives of 5-hydroxynaphthofuran and 5-hydoxybenzindole. A. N. Grinev, Khun' Shchi-tsiun', A. P. Terent'ev. Zhur. ob. khim. 31 no. 6:1902-1906 Je '61.

MANNOSE
Preparation of mannose by the decomposition of mannose phenylhydrazone with acetone. L. A. Mikhailova, K. A. Dunaevskaia. Trudy IREA no. 22:136-138 '58.

MANOMETER
Combined synthesis of mechanism of certain membrane devices. I. G. Gugline. Izv. vys. ucheb. zav.; prib. 4 no. 3:95-102 '61.
Mercury-oil electric contact differential manometer for signaling and [illegible]

M
[illegible] from the experience of school workshops [illegible] production work in school workshops" by N. Tonin; "Good working habits in school workshops" by S. Matushkin. Reviewed by M. Terekhin). Nar. obr. no. 7: 118 Jl '61.

MANUAL TRAINING—HYGIENIC ASPECTS
Daily schedule and work capacity of fifth-grade pupils in connection with the introduction of polytechnical training. V. V. Kryzhanivs'ka and others. Ped., akush. i gin. 23 no. 1:7-10 '61.

MANUAL TRAINING—PSYCHOLOGICAL ASPECTS
Influence of repeated exercises on the self-control of pupils in industrial training [with summary in English]. N. I. Kuvshinov. Vop. psikhol. 7 no. 2:17-22 Mr-Ap '61.
Formation of occupational and academic interests in pupils of secondary schools with industrial training [with summary in English]. V. B. Bondarevskii. Vop. psikhol. 7 no. 2:23-28 Mr-Ap '61.
Peculiarities in the formation of self-control during industrial training [with summary in English]. L. B. Itel'son. Vop. psikhol. 7 no. 2 5-16 Mr-Ap '61.
Psychological analysis of pupils' attention in manual training lessons [with summary in English] V. I. Strakhov. Vop. psikhol. 7 no. 2:29-40 Mr-Ap '61.

MANUSCRIPTS—COLLECTORS AND COLLECTING

The legacy of writers through their manuscripts. V. Grigorenko. Vop. lit. no. 12:100-105 D '59.

MANUSCRIPTS, PERSIAN
(see also subdivision under Leningrad)

Date of the "Bustan-us-siiakhe" [in Azerbaijani with summary in Russian]. A. Kulivev. Dokl. AN Azerb SSR 17 no. 5:427-431 '61.

MANUSCRIPTS, TAJIK see subdivision under Leningrad

MANUSCRIPTS, TURKIC see subdivision under Moscow

MAP PRINTING

A new copying apparatus for the printing of colored and spectrozonal aerial photographs. I. G. Indichenko, E. D. Tamitskii. Geod. i kart. no. 5:30-35 My '61.

MAP PROJECTION

Studying the distortions of equal-area modified cylindrical projections [with summary in English]. Iu. S. Frolov. Vest. LGU 16 no. 12:148-157 '61.

MAPLE

Growth of Tatarian maple (Acer tataricum L.) from seeds of different origin. M. S. Dvoiakovskii. Vest. Mosk. un. Ser. 6: Biol., pochv. 16 no. 3:35-40 My-Je '61.

Structure of the generative shoots of the ash-leaved maple (Acer negundo L.). G. P. Belostotov. Bot. zhur. 46 no. 6:863-869 Je '61.

MAPS

Classification of political, politico-administrative, and administrative maps by their type of coloration. N. G. Bokachev. Izv. vys. ucheb. zav.; geod. i aerof. no. 2: 120-134 '61.

Comprehensive mapping and comprehensive atlases of the republics, territories, and provinces of the U. S. S. R. L. P. Al'tman. Vest. LGU 16 no. 12:157-168 '61.

Krempol'skii, V. F. [Information on cartography for the map-factory worker] Pamiatka po kartografii dlia rabochego kartograficheskoi fabriki. Izd. 3., ispr. i dop. Moskva, Izd-vo geodez. lit-ry, 1961. 108 p.

MAPS—SYMBOLS

Representation of settling fractures on the 1:25,000 topographic map. O. P. Kosmakova. Geod. i kart. no. 5: 35-40 My '61.

MARBLE INDUSTRY see subdivision under Koyelga

MARBLE INDUSTRY—HYGIENIC ASPECTS

Hygienic evaluation of the vibration factor in working marble [with summary in English]. A. V. Tarasova. Trudy LSGMI 61,125-131 '60.

MARINE BOILERS see Boilers, Marine

MARINE DIESEL ENGINES

Checking the output of marine diesel engines. V. Kapranov. Mor. flot 21 no. 2:24-25 F '61.

Requirements of marine diesel engines. D. Pokrovskii. Rech. transp. 20 no. 6:16-18 Je '61.

MARINE DIESEL ENGINES—COOLING

Use of intermediate air cooling for increasing the efficiency of marine diesel engines. P. Kh. Murel', A. V. Filinov. Izv. vys. ucheb. zav., energ. 4 no. 5:77-81 My '61.

MARINE ECOLOGY

Ecological characteristics of benthic invertebrate communities in the Sea of Okhotsk. A. I. Savilov. Trudy Inst. okean. 46 no. 3:3-84 '61.

MARINE ENGINEERING
(see also subdivision under Azov-Black Sea Territory)

The assembly and setting up of marine heat exchangers. A. S. TSygankov. Sudostroenie 27 no. 6 51-52 Je '61

Beliaev, G. S. [Mechanization of fitting and assembling operations in marine engineering] Mekhanizatsiia slesarno-sborochnykh i montazhnykh rabot v sudovom mashinostroenii. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 267 p.

Dubrov, M. M., and F. IA. Zharkov. [Auxiliary mechanisms of river ships; an atlas] Vspomogatel'nye mekhanizmy rechnykh sudov; atlas. Leningrad, Izd-vo M-va morskogo i rechnogo flota SSSR, 1953. 202 p.

Rusakov, Z. G. [Marine engineer's guide] Pamiatnaia knizhka sudovogo mekhanika. Moskva, Izd-vo "Morskoi transport," 1961. 454 p.

MARINE ENGINEERING—BIBLIOGRAPHY see Bibliography—Marine engineering

MARINE ENGINEERING—CONGRESSES

Technological conference devoted to combined internal combustion engines. I. A. Zaitsev. Sudostroenie 27 no. 5:80-82 Je '61.

MARINE ENGINEERING—STUDY AND TEACHING

Follow-up of B. Lubochkin's article entitled: "Final projects in marine engineering departments." V. Lysenko, A. Shved. Mor. flot 21 no. 6:36 Je '61.

MARINE ENGINES
(see also subdivision under Finland, Puck)

Ermilov, V. G. [Controlling steam distribution of marine steam engines] Regulirovanie paroraspredeleniia sudovykh parovykh mashin. Izd. 2., dop. i perer. Leningrad, Izd-vo "Morskoi transport," 1961. 202 p.

Fluid connection clutch for compressors of 6L-275 engines (Skoda). B. Daulov, L. Chebotarev. Rech. transp. 20 no. 6:34-35 Je '61.

Individual casting of piston rings for marine internal combustion engines. P. Gur. Mor. flot 21 no. 2:30-31 F '61.

Lazarev, V. A. [Automobile engines in launch building] Avtomobil'nye dvigateli v katerostroenii. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 258 p.

Selection of parameter correlations for control systems composed of three aperiodic links. L. G. Sobolev. Sudostroenie 27 no. 6:36-38 Je '61.

MARINE ENGINES—MAINTENANCE AND REPAIR

Maintenance and repair of the crankshafts of type D-50 engines. I. Shvets. Mor. flot 21 no. 2.31-34 F '61.

MARINE ENGINES—PAINTING

Base paint instead of nitro-enamel. N. Turchin. Mor. flot 21 no. 1:39 Ja '61.

MARINE ENGINES—TESTING

Testing of internal combustion engines. B. Lidin. Mor. flot 21 no. 5-22 Je '61.

Testing of marine engines. V. Ostashenkov. Mor. flot 21 no. 1:38-39 Ja '61.

MARINE FAUNA
(see also subdivision under Atlantic Ocean; Kandalaksha Bay; Murman Coast)

MARINE GAS TURBINES
(see also subdivision under United States)

First GTU-20 gas turbine plant is being built. Mor. flot 21 no. 6:47 Je '61.

MARINE MAMMALS
(see also subdivision under Antarctic regions)

History and current problems of the study of marine mammals in the north. S. S. Surkov. Trudy sov. Ikht. kom. no. 12:18-22 '61.

The sense of smell in marine mammals. A. V. IAblokov. Trudy sov. Ikht. kom. no. 12 87-93 '61.

State and problems of the regulation of marine mammal fisheries. V. L. Kotov. Trudy sov. Ikht. kom. no. 12 14-17 '61.

Study of marine mammals in the U. S. S. R. and basic trends in the seven-year plan of research. S. E. Kleinenberg. Trudy sov. Ikht. kom. no. 12.7-13 '61.

MARINE MAMMALS—CONGRESSES

Introductory address. E. N. Pavlovskii. Trudy sov. Ikht. kom. no. 12 5-6 '61.

Resolution of the All-Union Conference on the Study of Marine Mammals held in Moscow Dec. 15-19, 1959. Trudy sov. Ikht. kom. no. 12. 238-242 '61.

MARINE MAMMALS—PARASITES see Parasites—Marine mammals

MARINE MAMMALS, FOSSIL

Historical survey of the study of marine mammals in Sarmatian deposits of the U. S. S. R. and adjacent countries. A. A. Kirpichnikov. Trudy sov. Ikht. kom. no. 12 26-38 '61.

MARINE PIPE-FITTING

Calculation of stresses in welds between steel pipes with various coefficients of linear expansion. A. A. Voloshin. Sudostroenie 27 no. 6:33-36 Je '61.

Introducing the use of polyethylene tubes on ships. I. I. Mamotenko. Sudostroenie 27 no. 5:51-53 My '61.

Standardization of pipeline fittings. N. N. Alikhov. Sudostroenie 27 no. 6:53-54 Je '61.

MARINE TURBINES

Basic parameters of exit nozzle design for marine steam turbines. I. D. Vinnik, M. P. Umanskii. Sudostroenie 27 no. 6:27-32 Je '61.

MARINE TURBINES—SAFETY APPLIANCES

Inertialess hydraulic safety block. A. I. Vapniarskii. Sudostroenie 27 no. 6:60-62 Je '61.

MARIN'KA DISTRICT—AGRICULTURAL ADMINISTRATION

Horak, V. V. [Mar'inka District Communists at the forefront of agricultural toilers; how the party organization of Mar'inka District, Stalino Province, tries to carry out the seven-year agricultural plan ahead of schedule] Mar'ins'ki komunisty v avangardi trudivnykiv sela; partiina organizatsiia Mar'ins'koho raionu Stalins'koi oblasti v borot'bi za dostrokove vykonannia semyrichky v sil's'komu hospodarstvi. Kyiv, 1961. 58 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 1, no. 4)

MARITIME LAW—CODIFICATION

Leyden University edition of "The merchant shipping code of the Soviet Union." V. Meshera, Kh. Zlochevskaia. Mor. flot 21 no. 3:44 Mr '61.

MARITIME METEOROLOGY see also subdivision 'Meteorology, Maritime' under Arctic regions; Atlantic Ocean

MARITIME TERRITORY—ANCHOVIES

Studies on the reproduction of anchovies and sardines in the Maritime Territory. N. V. Khrapkova. Trudy Inst. okean. 43:309-319 '61.

MARITIME TERRITORY—COAL MINES AND MINING—SAFETY MEASURES

Prevent accidents in stope area. B. S. Legchak. Bezop. truda v prom. 5 no. 6.7-9 Je '61.

MARITIME TERRITORY—FORESTS AND FORESTRY—ACCOUNTING

Bring order to the accounting of forest resources. F. Liashenko. Vest. stat. no. 6 71-72 '61.

MARITIME TERRITORY—SARDINES

Studies on the reproduction of anchovies and sardines in the Maritime Territory. N. V. Khrapkova. Trudy Inst. okean. 43,309-319 '61.

MARKOV PROCESSES

Construction of inhomogeneous Markov processes by means of random substitution of time [with summary in English]. V. A. Volkonskii. Teor. veroiat. i ee prim. 6 no. 1:47-56 '61.

Finite continuous time Markov chains [in English with summary in Russian]. J. G. Kemeny, J. J. Snell. Teor. veroiat. i ee prim. 6 no. 1.110-115 '61.

Functionals of the derivatives of an algebraic polynomial, and V. A. Markov's theorem. V. A. Gusev. Izv. AN SSSR Ser. mat. 25 no. 3.367-384 My-Je '61.

"Fundamentals of the theory of Markov processes" by E. B. Dynkin. Reviewed by IU. A. Rozanov. Teor. veroiat. i ee prim. 6 no. 2:253-255 '61.

Inhomogeneous Markov chains [with summary in English]. T. A. Sarymsakov. Teor. veroiat. i ee prim. 6 no. 4:194-201 '61.

Invariance of a strong Markov process in Dynkin's transformations [with summary in English]. Lian Chzhi-shuen [Liang Chih-shuang]. Teor. veroiat. i ee prim. 6 no. 2:228-231 '61.

Problem of the quickest possible detection of a disturbance of a stationary process. A. N. Shiriaev. Dokl. AN SSSR 138 no. 5 1039-1042 Je '61.

Refinement of limit theorems for homogeneous Markov chains [with summary in English]. S. V. Nagaev. Teor. veroiat. i ee prim. 6 no. 1 67-86 '61.

MARL

Effect of roasting temperature on the hydraulic properties of cements made from Kirovograd marls [with summary in English]. V. V. Manzhurnet, O. O. Starcheva's'ka. Dop. AN URSR no. 5 652-655 '61.

Studying the possibility of producing local cement from marl from the Mukshan deposit [with summary in English]. V. V. Manzhurnet, N. V. Aleksenko. Dop. AN URSR no. 4:514-516 '61.

System of open-pit mining of wet marl. I. M. Sidochenko, N. S. Zavgorodnii. Gor. zhur. no. 5:20-22 My '61.

MARMOTS see subdivision under Barankul'skiy District

MARMOTS—DISEASES AND PESTS

Case of the isolation of the pseudotuberculosis pathogen from Marmota baibacina. Z. A. Plankina, N. S. Ognova. Zhur. mikrobiol. epid. i immun. 32 no. 5.124-127 My '61.

MARRIAGE

Newlyweds. I. K. IAnushevskii. Zdorov'e 7 no. 7:14-15 Jl '61.

MARROW

Dynamics of the changes in the cytological composition of the bone marrow and the peripheral blood during treatment of visceral leishmaniasis in children. N. M. Kamalov. Med. zhur. Uzb. no. 5:45-48 My '61.

Effect of age and sex on the morphological state of the peripheral blood and bone marrow of healthy dogs [with summary in English]. A. K. Ivanian. Pat. fiziol. i eksp. terap. 5 no. 1:32-38 Ja-F '61.

MARROW—DISEASES

Change in the activity of the hyaluronidase in the blood of patients with chronic myelosis. I. Z. Gorelov. Vrach. delo no. 4:78-81 Ap '61.

MARROW—TRANSPLANTATION

Transplantation of the bone marrow in radiation injuries; survey of the literature. IU. M. Zaretskaia and others. Vest. AMN SSSR 16 no. 2:63-72 '60.

MARS (PLANET)

Mars in 1958-1959. A. A. Sazanov. Biul. VAGO no. 26: 32-36 '60.

MARTENS see subdivision under Czechoslovakia

MARX, KARL, 1818-1883

Leont'ev, L. A. [For the study of K. Marx's "Capital"] K izucheniiu "Kapitala" K. Marksa. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 176 p. (Materialy k lektsiiam politicheskoi ekonomii)

MARX, KARL, 1818-1883 (Continued)
Marx, Karl, and Friedrich Engels. [Works] Sochineniia. Izd.2. Moskva, Gos.izd-vo polit. lit-ry.
Vol.18. 1961, 870 p.
Vol.19. 1961, 670 p.
Rozenberg, D.I. [Commentaries on the second and third volumes of "Capital" by K.Marx] Kommentarii ko vtoromu i tret'emu tomam "Kapitala" K.Marksa. Pod red. S.L.Vygodskogo. Moskva, Izd-vo sotsial'no-ekon.lit-ry, 1961. 654 p.

MARY PROVINCE—KALA-AZAR
Some data on internal leishmaniasis in Mary Province. E.M.Meshcherina, B.N.Pl, Z.M.Karimov. Zdrav Turk. 5 no.1 15-17 Ja-I '61

MASERS
Study of the frequency dependence of masers on different parameters. Part 2. Line J = 3, K = 3. N.G.Basov, G.M.Strakhovskii, I.V.Cheremiskin. Radiotekh i elektron. 6 no.6 1020-1028 Je '61

MASONRY
Cherkassov, N.A. [Masonry and facings] Kamennye i oblitsovochnye raboty. Izd.2., dop. i perer. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 306 p.
Streiber, A.K. [Manual for the young mason] Spravochnik molodogo kamenshchika. Izd.2., perer. i dop. Moskva, Vses. uchebno pedagog. izd-vo Proftekhizdat, 1961. 337 p.

MASS SPECTROMETRY
Rik, G.R. [Mass spectrometry] Mass-spektroskopiia. Moskva, Gos. izd-vo tekhniko-lit-ry, 1953. 295 p. (Sovremennye problemy fiziki)

MASS TRANSFER
Calculating the mass transfer rate in a laminar boundary layer flow with heterogeneous chemical reactions obeying diverse kinetic laws. A.M.Suponitskii. PMTF no.2: 74-77 Jl-Ag '60.
Concentration equation of a stage countercurrent interfacial exchange. F.G.Mel'nikov. Khim i tekh topl i masel 6 no.7,16-21 Jl '61
Mass transfer in injector extraction columns. N.I.Gel'perin, M.G.Assmus. Khim.prom. no.5,348-350 My '61.

MASSAGE
Massage and gymnastics for infants. N.N.Arzubova. Med sestra no.5 6-16 My '61.

MASURIAN LAKE REGION—FORTIFICATIONS
Mystery of the wolf's lair. Ioan Grigorescu. Viking svela no.6;39-42 Je '61.

MATERIA MEDICA see subdivision under China

MATERIAL HANDLING
Car for the transportation of sintered dolomite. V.Z. Lavrenov, V.IA.T'Sekhmeister, S.M.Ivashits. Metallurg 6 no.7;40 Jl '61.
Ways of reducing the labor expended in moving loads in rubber industry plants. A.Myshkis. Biul nauch inform. trud i zar plata 4 no.4 13-18 '61

MATERIALS
New engineering materials. G.N.Mekhed, N.D.Sozonova. Biul tekh.-ekon.inform. no.6 81-85 '61

MATERIALS—TESTING
Application of the method of small-angle scattering of X rays in the study of submicroscopic inhomogeneities in materials; survey. V.L.Kalikhman, IA.S.Umanskii. Zav.lab. 27 no.8;991-998 '61.
Determination of residual stresses by the method of transparent optically sensitive layers. N.I.Prigorovskii, P.T.Bogdyl'. Zav.lab. 27 no.6 721-724 '61
Lapshin, A.A. [Electric hygrometers] Elektricheskie higrometry. Moskva, Gos.energ.izd-vo, 1960. 114 p. (Biblioteka po avtomatike, no.21)
Present-day problems in the X-ray study of materials. IA.S.Umanskii. Zav.lab. 27 no.6 635-637 '61

MATERIALS, EFFECT OF RADIATION ON
Theory of the effect of radiation on certain properties of graphite. V.M.Agranovich, L.P.Semenov. Atom. energ. 10 no.6;572-576 Je '61.

MATHEMATICAL ANALYSIS
Missing and extra observations in analysis of variance [in English]; summary of paper given to the Seminar on the Theory of Probability, Moscow. Wm.Kruskal. Teor.veroiat.i ee prim. 6 no.2;261 '61.
Ochan, IU.S., and V.E.Shneider. [Mathematical analysis; textbook for teachers' institutes] Matematicheskii analiz, uchebnoe posobie dlia pedagogicheskikh institutov. Moskva, Gos.uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 879 p.

MATHEMATICAL SOCIETIES see subdivision under Moscow

MATHEMATICAL STATISTICS
Abstracts of reports made at the seminar on mathematical statistics at the Institute of Mathematics of the Academy of Sciences of the U.S.S.R. Teor.veroiat.i ee prim. 6 no.2;242-250 '61.
Decomposition of statistical distributions deviating from the normal into two normal distributions. Report No.2. Asymmetric distributions. V.IU.Urbakh. Biofizika 6 no.3 265-271 '61
Mitropol'skii, A.K. [Technique of statistical calculations] Tekhnika statisticheskikh vychislenii. Moskva, Gos.izd-vo fiziko-matem.lit-ry, 1961. 479 p.
On the linear estimation theory for an infinite number of observations [in English]. J.Hajek. Teor.veroiat.i ee prim. 6 no.2 182-193 '61.
Sufficient statistics of stationary Gaussian random processes [with summary in English]. M.Arato. Teor.veroiat.i ee prim. 6 no.1 210-213 '61.
Use of mathematical statistics in processing experimental observations made with modern geodetic instruments. N.I.Lebedinskii. Izv.vys.ucheb.zav., geod i aerof. no.2 3-11 '61.

MATHEMATICAL STATISTICS—CONGRESSES
Information pertaining to the 6th Conference on Theory of Probability and Mathematical Statistics. Teor.veroiat.i ee prim. 6 no.1;110-111 '61.

MATHEMATICS
[Mathematics; translations of foreign articles.] Matematika, period.sbor.perev.inostr.st. 5 no.3 My-Je '61.
Modenov, P.S., and S.I.Novoselov. [Textbook on mathematics for students entering institutes of higher education] Posobie po matematike dlia postupaiushchikh v vuzy. [Moskva] Izd-vo Mosk.univ., 1961. 400 p.
P.I.Romanovskii's "Fourier series. Field theory. Analytical and special functions. Laplace transform." Reviewed by I.A.Vil'ner. Usp.mat.nauk 16 no.1; 235-238 Ja-F '61.
Summary of reports submitted to the Board of Directors of the Moscow Mathematical Society and accepted by it. Usp.mat.nauk 16 no.1,193-199 Ja-F '61

MATHEMATICS—ABSTRACTS
[Mathematics.] Ref.zhur.: Mat. no.6 Je '61.
[Mathematics.] Ref.zhur.: Mat. no.7 Jl '61, classified and subject indexes '60.

MATHEMATICS—AUDIO-VISUAL AIDS see subdivision under Omsk

MATHEMATICS—CONGRESSES
Conference pertaining to theoretical and applied problems in mathematics and mechanics held in Tomsk. V.N.Shepelenko, R.N.Shcherbakov. Usp.mat.nauk 16 no.1 221 Ja-F '61.
Second Hungarian Mathematics Congress. O.A.Oleinik, K.A.Rybnikov. Usp.mat.nauk 16 no.1,210-220 Ja-F '61.

MATHEMATICS—DICTIONARIES
"German-Russian mathematics dictionary" compiled by L.A.Kaluzhin and others. Reviewed by IU.M.Gnidiuk. Usp.mat.nauk 16 no.1;230-240 Ja-F '61.

MATRICES
Description of multidimensional linear systems in matrix form [with summary in English]. I.Matyash, IA.Shlikhanek, Avtom i telem. 22 no.7;876-884 Jl '61
Methods for solving summative equations. A.L.Fel'dshtein. Radiotekhnika 16 no.6 38-39 Je '61.

MATTRESSES
Here too machinery lightens labor. P.Shirokikh. Tyl i snab.Sov.Voor Sil 21 no.3 91 Mr '61

MAURITANIA—POLITICS AND GOVERNMENT
Mauritania. Attilio Gaudio. V zashch.mira no.12;32-41 D '60.

MAYKHURA VALLEY—ORE DEPOSITS
Geochemistry of rare and dispersed elements in the Maykhura tin and tungsten deposit (central Tajikistan) [with summary in English]. V.V.Mogarovskii, L.V.Rosseikin. Geokhimiia no.6,526-534 '61.

MAZEPA, IVAN STEPANOVICH, d. 1709
Distortion of history disguised as an impartial study ("The propaganda war in the Ukraine, 1708-1709" [in Swedish] by Bohdan von Kentrschynskyj. Reviewed by V.I.Shutoi. Vop.ist. no.6 201-208 Je '61

MEASLES
(see also subdivision under Kaluga Province; Zhitomir Province)
Late manifestations of primary symptoms of measles. A.Kim. Med zhur Uzb no.5 75-76 My '61.

MEASURING INSTRUMENTS
Be punctual in testing measuring apparatus. L.Savel'ev. Tyl i snab.Sov.Voor Sil 21 no.2 81-84 F '61
Development of measurement skills [with summary in English]. D.O.Oganesian. Vop.psikhol. 7 no.3,27-38 My-Je '61
Device for automatic checking of diameters of crankshaft journals subjected to grinding. E.I.Ped' Izm.tekh. no.7,7-8 Jl '61.
IAkoylev, I.G. [Errors of checking and measuring instruments and pickups] Pogreshnosti kontrol'no-izmeritel'nykh priborov i datchikov. Moskva, Gos. nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1961. 154 p.
Kempinskii, M.M. [Measuring spring heads manufactured by the Leningrad Instrument Plant, experience in using and repairing] Pruzhinnye izmeritel'nye golovki Leningradskogo instrumental'nogo zavoda; opyt eksploatatsii i remonta. Leningrad, 1961. 18 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila: Kontrol' kachestva produktsii, no.1)
Leningradskii dom nauchno-tekhnicheskoi propagandy. [Use of control gauges in the assembly and welding of metal structures] Primenenie kontrol'no-izmeritel'nogo instrumenta pri sborke i svarke metallokonstruktsii, opyt zavoda. Leningrad, 1952. 5 p. (Informatsionno-tekhnicheskii listok, no.55(300))
Measuring random stationary processes by casual pickups. IU.F.Ananiev. Izv.vys.ucheb.zav., prib. 4 no.3 56-58 '61
Pickups for measuring pressures and speed in gas flows. A.N.Petunin. Prom.aerodin. no.19 78-105 '60
"Transmitters and measuring heads" by I.M.Beriland and others. Reviewed by G.A.Zlodeev. Priborostroenie no.6 31-32 Je '61.
Unfortunate shortcomings. S.M.Rovinskii. Izm.tekh. no.7 60 Jl '61

MEASURING INSTRUMENTS—BIBLIOGRAPHY see Bibliography—Measuring instruments

MEASURING INSTRUMENTS—MAINTENANCE AND REPAIR
"Adjustment and repair of measuring machines" by A.V.Privals. Reviewed by V.IA.Fildinov. Izm.tekh. no.7 64 Jl '61

MEASURING INSTRUMENTS—STANDARDS
Devices for checking worm gears. N.N.Markov, P.A. Satnerdotov. Standartizatsiia 25 no.6 51-51 Je '61

MEASURING INSTRUMENTS—TESTING
Improve state inspection of measuring equipment used in commerce. V.V.Petropavlovskii. Izm.tekh. no.7 56-58 Jl '61

MEAT INDUSTRY see subdivision under Kiev

MEAT INDUSTRY—HYGIENIC ASPECTS see subdivision under Leningrad

MECHANICAL BRAIN see Cybernetics

MECHANICAL DRAWING
Fedorenko, V.A., and A.I.Shoshin. [Handbook on mechanical drawing] Spravochnik po mashinostroitel'nomu chercheniiu. Izd 6., ispr.i dop. Moskva, Gos. nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1961. 264 p.

MECHANICAL DRAWING—EQUIPMENT AND SUPPLIES
Valtis, G.B., and G.A.Ushakov. [Mechanical devices for drawing and transposing projections] Mekhanizmy dlia cherchenila i preobrazovaniia proektsii. Khar'kov, Izd-vo Khar'kovskogo gos.univ., 1960. 455 p.

MECHANICAL DRAWING—STUDY AND TEACHING
Kallashevskaia, V.A. [Teaching mechanical drawing in eight-year schools according to the new program] O prepodavanii cherchenila v vosmiletnei shkole po novoi programme. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 34 p.
Vinogradov, V.N. [Extracurricular work on mechanical drawing in school; teachers manual] Vneklassnaia rabota po cherchenilu v shkole, posobie dlia uchitelia. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 100 p. (Iz opyta uchitelia)

MECHANICAL ENGINEERING
Movnin, M.S., and A.N.Mitinskii. [Technical mechanics; strength of materials, theory of mechanisms and machines. Machine parts] Tekhnicheskaia mekhanika, soprotivlenie materialov, teoriia mekhanizmov i mashin, Detali mashin. Izd.2., perer. Moskva, Goslesbumizdat, 1961. 781 p.
Our correspondence. Mashinostroitel' no.6;48 Je '61.
Some basic dependences in the intermittent-motion mechanics and their use in the design of machinery. S.I. Artobolevskii. Trudy Inst.mash.Sem.po teor.mash. 21 no.83-84 20-40 '61.

MECHANICAL ENGINEERING—BIBLIOGRAPHY see Bibliography—Mechanical engineering

MECHANICAL ENGINEERING—DICTIONARIES
Krechetnikov, S.I., comp. [English-Russian dictionary of mechanical engineering and metalwork] Anglo-russkii slovar' po mashinostroeniiu i metallobrabotke. Izd.2., perer.i dop. Pod red.N.S.Acherkana. Moskva, Glav.red.inostr.nauchno-tekhn.slovarei Fizmatgiza, 1961. 678 p.

MECHANICAL FANS see Fans, Mechanical

MECHANICAL MOVEMENTS
Burmester curves for the case when three positions of a plane figure become infinitely close. S. A. Chelkudinov. Trudy Inst. mash. Sem. po teor. mash. 21 no. 83-84 133-162 '61.
Determining positions of three-dimensional mechanisms consisting of two-driver groups. P. A. Lebedev. Trudy Inst. mash. Sem. po teor. mash. 21 no. 83-84:78-102 '61.
Effect of the initial wedging angle on the durability of free-running roller mechanisms. V. F. Mal'tsev. Stan. i instr. 32 no. 7:15-17 Jl '61.

MECHANICAL WEAR
Characteristics of the wear of the cutting edge of metal-cutting tools. S. S. Nekrasov. Dokl. TSKhA no. 66 177-181 '61.
Grozin, B. D. [Using radioactive isotopes for studying the wear of machine parts] Primenenie radioaktivnykh izotopov dlia izucheniia iznosa detalei mashin. Moskva, 1955. 18 p. (Doklady, predstavlennye USSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)
Investigating the thermal stress and wear of parts in hopped up SMD-14 engines. M. P. Zubletova, K. Nikita. Dokl. TSKhA no. 66 145-154 '61.
Using tellurium to increase the wear resistance of cast iron disks on grain cleaning machines. S. M. Polestin. Lit. proizv. no. 6:43-44 Je '61.

MECHANICS
[Mechanics; translations of foreign articles.] Mekhanika; period. sbor. perev. inostr. st. 12 no. 3 '61.

MECHANICS—ABSTRACTS
[Mechanics.] Ref. zhur. Mekh. no. 7 Jl '61.

MECHANICS, ANALYTIC
Theory of low-amplitude oscillations. G. I. Gurevich. Dokl. AN SSSR 136 no. 6:1313-1316 Je '61.

MECHANICS, APPLIED—CONGRESSES
Problems of general mechanics to the 10th International Congress on Applied Mechanics. V. O. Kononenko. Vest. mash. 41 no. 6:77-78 Je '61.

MECHANICS, CELESTIAL
Behavior of undisturbed systems in inertial space. V. A. Boiner, V. P. Seleznev. Dokl. AN SSSR 138 no. 5: 1043-1046 Je '61.
Effect of the attraction of the moon and the sun on the motion of an artificial earth satellite. A. V. Egorova. Isk. sput. Zem. no. 8, 46-56 '61.
Investigating a particular case of the rotation of a celestial body. L. M. Domozhilova. Vest. Mosk. un. Ser. 3: Fiz., astron. 16 no. 2:82 Mr-Ap '61.
Space-time metrics inside the Schwarzschild singular sphere [with summary in English]. I. D. Novikov. Astron. zhur. 38 no. 3:564-565 My-Je '61.

MEDIASTINUM—DISEASES
Mediastinitis and its treatment [with summary in English]. P. G. Dovgalo. Zhur. ush., nos. i gorl. bol. 20 no. 5:48-51 S-O '60.

MEDICAL CARE
(see also subdivision under Cherkassy District; Moscow Province)
Improve the organization of the work of medical personnel and raise the quality of medical care. K. P. Sakharova. Zdrav. Ros. Feder. 5 no. 6:3-7 Je '61.

MEDICAL CARE—STATISTICS
Hospital and polyclinic care in 1958 under the system of the Ministry of Public Health of the U. S. S. R. Sov. zdrav. 19 no. 3:90-3 of cover '60.

MEDICAL COLLEGES see subdivision under Moscow; Samarkand

MEDICAL ELECTRONICS
Electronic devices for analyzing bioelectric currents. S. A. Evdokimov and others. Sbor. rab. po vop. elektromekh. no. 5:276-281 '61.

MEDICAL GYMNASTICS see Exercise therapy

MEDICAL INSTRUMENTS AND APPARATUS
Prizes for the best work. G. S. Keilin. Med. prom. 15 no. 5:63-64 My '61.

MEDICAL JURISPRUDENCE see subdivision under Uzbekistan

MEDICAL LIBRARIES see subdivision under Leningrad; Uzbekistan

MEDICAL MICROBIOLOGY
"Textbook on medical microbiology" by M. N. Lebedeva. Reviewed by A. V. Pshenichnov, T. A. Rubina, F. IA. Satanovskaia. Zhur. mikrobiol. epid. i immun. 32 no. 5:130-132 My '61.

MEDICAL MYCOLOGY
New developments in the study of mycotoxicoses and their prevention. IU. I. Rubinshtein. Gig. i san. 26 no. 1:88-90 Ja '61.

MEDICAL PERSONNEL
(see also subdivision under Ukraine; White Russia; Yaroslavl Province)
Improve the organization of the work of medical personnel and raise the quality of medical care. K. P. Sakharova. Zdrav. Ros. Feder. 5 no. 6 3-7 Je '61
Legal consultation. A. V. Rott. Vrach. delo no. 4: 157-159 Ap '61.
Meeting of the members of a medical section. I. IAkubenok. Zdrav. Bel. 7 no. 5 79 My '61

MEDICAL PERSONNEL—DISEASES AND HYGIENE
Some occupational skin diseases in medical workers [with summary in English]. B. I. Il'in. Sov. med. 25 no. 4:113-119 Ap '61.

MEDICAL RECORDS
Dispensary and clinic card for a hematological patient. Z. A. Shapiro. Probl. gemat. i perel. krovi 6 no. 4: 43-45 Ap '61.
Report form on morbidity with temporary disability. M. P. Roitman. Sov. zdrav. 19 no. 3:31-35 '60

MEDICAL RESEARCH
Brief news. Sov. zdrav. 19 no. 3:86-89 '60.
"Principles of research in biology and medicine" by D. J. Ingle. Reviewed by V. V. Alpatov. Pat. fiziol. i eksp. terap. 5 no. 1:94-95 Ja-F '61.
Research work of practicing physicians. A. M. Aminov. Zdrav. Ros. Feder. 5 no. 6 25-26 Je '61.

MEDICAL SCREENING
"Organization and methodology of mass bacteriological examinations to detect dysentery pathogens" by I. A. Siroko. Reviewed by P. I. Matveev. Zhur. mikrobiol. epid. i immun. 32 no. 3:146-148 Mr '61

MEDICAL SOCIETIES see subdivision under Siberia, Eastern

MEDICAL STATISTICS
"Statistics of health and medical care of children" by R. I. Sifman. Reviewed by L. Kaminskii. Vest. stat. no. 6:74-76 '61

MEDICINE
(see also subdivision under Ukraine)
Biophysics, biology, medicine. A. V. Lebedinskii. Zdorov'e 7 no. 7:1-3 Jl '61.

MEDICINE—ABSTRACTS
[Medical abstracts.] Med. ref. zhur. sect. 1, vol. 5, no. 6 Je '61; sect. 2 vol. 5, no. 7 Jl '61; sect. 4, vol. 5 no. 6 Je '61, sect. 5 vol. 5 no. 6, Je '61; sect. 7 vol. 5, no. 6 Je '61, sect. 8 vol. 5, no. 6 Je '61, sect. 10, vol. 5 nos. 6-7 Je-Jl '61.

MEDICINE—BIBLIOGRAPHY see Bibliography—Medicine

MEDICINE—CONGRESSES
Conference of practicing physicians. V. Andronnikov. Zhur. mikrobiol. epid. i immun. 32 no. 1:156 Ja '61.

MEDICINE—DICTIONARIES
[Large medical encyclopedia] Bol'shaia meditsinskaia entsiklopediia. Glav. red. A. N. Bakulev. Moskva, Gos. nauchn. izd-vo "Sovetskaia entsiklopediia."
Vol. 20. Natechnik - novomigrofen. Izd. 2. 1961. 1151 columns.
———[List of articles and terms for the letter "N"] Perechen' statei i terminov na bukvu "N" 8 p.
———[Phonograph record "Differential diagnosis of some types of disturbance of heart rhythm"] Gramofonnaia plastinka "Differenta. -diagnost. plastinka po nekotorym vidam narushenii ritma serdtsa."
Out-of-town session of the editorial board of the Bol'shaia Meditsinskaia Entsiklopediia. S. A. Molchanov. Med. zhur. Uzb. no. 1:77-78 Ja '61.

MEDICINE—HANDBOOKS, MANUALS, ETC.
[Physician's calendar] Kalendar' vracha. Pod obshchei red. I. G. Kochergina. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 430 p.

MEDICINE—STUDY AND TEACHING
(see also subdivision under Irkutsk; Lipetsk Province)
A school for training an increasing medical personnel. I. A. Alimov. Med. zhur. Uzb. no. 5:80-81 My '61.

MEDICINE, INDUSTRIAL
Improvement of health conditions in the chemical fiber industry. V. D. Krantsfel'd. Gig. i san. 26 no. 1:82-86 Ja '61.

MEDICINE, MILITARY
Characteristics of medical services in air defense units. L. Ioffe, G. Gol'dshtein. Tyl i snab. Sov. Voor. Sil 21 no. 2:59-61 F '61.
Medical and sanitary training for personnel. L. Manikov. Tyl i snab. Sov. Voor. Sil 21 no. 3:25-26 Mr '61.

MEDICINE, NAVAL
History of plague and cholera control in the Russian fleet. A. A. Keller. Zhur. mikrobiol. epid. i immun. 31 no. 12:125-127 D '60.
Medical training on ships must be given constant attention. G. Fistul. Tyl i snab. Sov. Voor. Sil 21 no. 1 27-29 Ja '61

MEDITERRANEAN SEA REGION—TREES
Rhythmic features of growth and length of flowering in principal mediterranian woody plants [in Georgian with summary in Russian]. G. A. Gabrichidze. Izv. Bat. bot. sada no. 8 116-125 '57.

MEDOVSHCHIKOV, NIKOLAI NIKOLAEVICH, 1898
Pozharskaia, M. N. N. N. Medovshchikov. Leningrad, khudozhnik RSFSR, 1960. 15 p. illus. (Teatral'nye khudozhniki RSFSR)

MEDVEDEV, SERGEI SERGEEVICH, 1892-
Sergei Sergeevich Medvedev; on his seventieth birthday. Vysokom. soed. 3 no. 6:948-950 Je '61.

MEGRELIYA—PALEONTOLOGY
Tarkhan horizon in Megreliya. D. P. Okromchedlidze. Trudy VNIGNI no. 15 49-51 '59

MEHRING, FRANZ, 1846-1919
Truth and legend about Mehring ("Franz Mehring's contribution to Marxist literary theory" [in German] by Hans Koch. Reviewed by R. Samarin). Vop. lit. no. 12: 207-210 D '59.

MELAMINE
Production of melamine from urea. M. Mikhailov, Kh. Alaminov. Khim. prom. no. 5:319-325 My '61.

MELTING
Theory of the melting of solids. A. I. Veinik. Sbor. nauch. trud. Fiz.-tekh. inst. AN BSSR no. 6:162-171 '60.

MEMEL—FEED WATER
Operation of an apparatus for the magnetic treatment of feed water on ships of the Klaypeda harbor. N. Frolov. Mor. flot 21 no. 6 20-22 Je '61.

MENDELEEV, DMITRII IVANOVICH, 1834-1907
Figurovskii, N. A. Dmitrii Ivanovich Mendeleev, 1834-1907. Moskva, Izd-vo Akad. nauk SSSR, 1961. 314 p. (Nauchno-biograficheskaia seriia)

MENINGES—DISEASES
Harada's disease (meningoencephalouveitis). L. S. Gittik, O. S. Skilanskaia. Vrach. delo no. 4:135-136 Ap '61.
Meningeal symptoms in cerebral tumors under clinical conditions. A. I. Shilanovskii. Vop. neirokhir. 25 no. 2:37-39 Mr-Ap '61

MENINGES—TUBERCULOSIS
Luminescent microscopy of the cerebrospinal fluid as a method for early laboratory diagnosis in tuberculous meningitis. V. I. Ermolov. Sov. med. 25 no. 5:146-149 My '61.
Mistakes in the diagnosis of tuberculous meningitis. B. M. Kovaliv, R. I. Kens. Vrach. delo no. 4:94-97 Ap '61.
Work arrangements following recovery from tuberculous meningitis. G. R. Khersonskii. Vrach. delo no. 4: 82-83 Ap '61.

MEN'S CLOTHING
Vinogradov, S. K., V. N. Repeikov, and A. M. Lebedev. [Making patterns for men's outer garments] Konstruirovanie muzhskoi verkhnei odezhdy. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 335 p.

MENSURATION
Kemnits, IU. V. [Theory of errors in measurements] Teoriia oshibok izmerenii. Moskva, Izd-vo geodez. lit-ry, 1961. 111 p.

MENTAL DEPRESSION see Depression, Mental

MENTAL EXHAUSTION see Fatigue, Mental

MENTAL ILLNESS
Psychoses of influenzal etiology. I. B. Galant, M. P. Chernukhina, O. A. Denis'eva. Vrach. delo no. 4: 132-133 Ap '61.
Rheumatic amentia. A. N. Molokhov, A. G. Nacu. Zdravookhranenie 2 no. 4:14-18 Jl-Ag '59.

MENTAL TESTS
Factorial structure of the intellect; survey of American works. V. D. Nebylitsyn. Vop. psikhol. 7 no. 2:169-175 Mr-Ap '61.

MERCAPTANS see Thiols

MERCAPTO GROUP
Effect of unithiol and its analogues on mercapto groups of the blood serum of rabbits under conditions of arsenic poisoning [with summary in English]. M. I. Luhans'kyi, IU. I. Loboda. Ukr. biokhim. zhur. 33 no. 3: 315-325 '61.
Role of mercapto groups in the formation of the catalytically active structure of enzymes and the mechanism of their action. IU. M. Torchinskii. Usp. sovr. biol. 51 no. 3:261-284 My-Je '61.
Role of sulfhydryl groups in the polymerization of actin [with summary in English]. B. F. Poglazov, A. A. Baev. Biokhimiia 26 no. 3, 535-540 My-Je '61.

MERCHANT MARINE
(see also subdivision under United States)
Economic effectiveness indices of seagoing ships. N. Savin. Mor. flot 21 no. 3:3-5 Mr '61.
Follow-up of the journal's articles. Mor. flot 21 no. 1-3 of cover Ja '61.
Follow-up of the periodical's publications. Mor. flot 21 no. 2:3 of cover. F '61.
Foreign brief news. Mor. flot 21 no. 2:45 F '61.
Keeping step with the seven-year plan. Mor. flot 21 no. 6 46 Je '61
Merchant marine at the Exhibition of the Achievements of the National Economy of the U S S R in 1961 Mor flot 21 no. 6, 45 Je '61
Problems of the future fleet and its automation. P. Strumpe Mor. flot 21 no. 6 1-5 Je '61
Seminar of marine transportation workers. Mor. flot 21 no. 3:34 Mr '61.
We will successfully fulfill the obligations assumed on the eve of the congress. Mor. flot 21 no. 3:1-2 Mr '61.

MERCHANT MARINE—BIBLIOGRAPHY see Bibliography—Merchant marine

MERCHANT MARINE—CARGO see Ships—Cargo

MERCHANT MARINE—PASSENGER TRAFFIC
New passenger lines to be launched in 1961. Mor. flot 21 no. 1:23 Ja '61.

MERCHANT MARINE—SOCIETIES
Reports and elections of the leading members of the Scientific Technical Society for Water Transportation. Mor. flot 21 no. 2, 37 F '61.

MERCHANT MARINE—TECHNOLOGICAL INNOVATIONS
Efficiency promoters' contribution to the seven-year plan; results of the contest-review. Mor. flot 21 no. 2:35 F '61.

MERCHANT SEAMEN
True to their word. E. Fisher Mor flot 21 no. 6:6-8 Je '61

MERCHANT SEAMEN—RECREATION
Supplies for recreation and culture on seagoing ships. Mor. flot 21 no. 6 47 Je '61

MERCURAN
Experimental data on changes in the body following the use of the insecticide and fungicide, mercuran. V. E. Balashov. Vrach. delo no. 4 115-119 Ap '61.

MERCURY—ANALYSIS
Volumetric determination of mercury salts. F. A. Mytchenko. Farmatsev zhur. 16 no. 3:20-27 '61.

MERCURY—PHYSIOLOGICAL EFFECT
Effect of mercury vapors in small concentrations on conditioned reflex activity in rabbits [with summary in English]. M. M. Gimadeev. Farm. i toks. 24 no. 2, 210-216 Mr-Ap '61.

MERCURY—TOXICOLOGY
Comparison of the synthesis of various antibodies in rabbits poisoned by carbon tetrachloride and mercuric chloride during simultaneous immunization with two antigens [with summary in English] M I Ravich-Shcherbo, G A Annenkov, Zhur. mikrobiol. epid. i immun. 31 no. 8:29-35 Ag '60.

MERCURY ACETATE
Reactions of an aqueous solution of mercury acetate with some organic sulfides and thiols. I. N. Tits-Skvortsova, T. A. Danilova, B. V Kuznetsov. Khim. sera i azotorg. soed. v neft. i nefteprod. 3:75-80 '60.

MERCURY CHLORIDE
Complex compounds of some cyclic and aliphatic sulfides with mercury chloride R D. Obolentsev, V G. Bukharov, N. K Faizullina Khim. sera i azotorg. soed. v neft. i nefteprod. 3:51-65 '60

MERCURY COMPOUNDS
Comparative evaluation of diuretic effects of novurit and mercuzal [with summary in English]. A. P. Shadrenko. Sov. med. 25 no. 5, 104-107 My '61.
Complex compounds of mercury and silver with thiosemicarbazide. V. F. Toropova, L. S. Kirillova. Zhur. neorg. khim. 5 no. 3:575-579 Mr '60.

MERCURY ORES see subdivision under Altai Mountains

MERCURY ORGANIC COMPOUNDS
Cis-trans-dipropenylmercury. A. E. Borisov. Izv. AN SSSR, Otd. khim. nauk no. 6:1036-1038 Je '61.
Reaction of asymmetric organomercury compounds with thallium trichloride. A. E. Borisov, M. A. Osipova. Izv. AN SSSR Otd. khim. nauk no. 6:1039-1042 Je '61.

MERCURY SALTS
Action of mercury salts on acetylenic α-glycols. E. D. Venus-Danilova. Trudy LTI no. 60:32-48 '60.

MERCURY SULFIDE
Obtaining thin HgS films, and kinetics of their crystallization. D. H. Mikolaichuk, IA. I. Dutchak. Ukr. fiz. zhur. 6 no. 1:136-137 Ja-F '61.

MESONS
Evaluating the role of the law of conservation of angular momentum in the statistical theory of particle production [with summary in English] IA. I. Granovskii, G I Kopylov. Zhur eksp. i teor fiz 40 no. 1 100-102 Ja '61.
Isotopic invariance in processes involving antihyperons V A Liul'ka Zhur. eksp i teor fiz 40 no 1 256-261 Ja '61
Mesons and hyperons [translated from the English]. G A. Snow, M. M. Shapiro. Usp. fiz. nauk 74 no 1: 125-139 My '61

MESONS—SCATTERING
Polarization effects in the scattering of μ-mesons on protons [with summary in English]. G. V Frolov Zhur. eksp i teor. fiz 40 no. 1 295-297 Ja '61.

MESOTHORIUM—THERAPEUTIC USE
Comparative evaluation of the results of treating cancer of the cervix uteri with radioactive cobalt and radium-mesothorium [in Azerbaijani with summary in Russian]. R.E.Allakhverdieva. Azerb. med. zhur. no. 6:50-64 Je '61.

METABOLISM
Daily periodicity of certain metabolic processes in night subway workers [with summary in English]. L. M. Solov'eva Vop. pit. 20 no. 2 11-15 Mr-Ap '61.
Effect of neutron radiation on metabolism in peas A V. Egorov Doklady TSKhA no. 57 49-54 '60.
Metabolism involved in athletic efforts and the nutrition of athletes [with summary in English]. N. N. IAkovlev. Vop. pit. 20 no. 2:3-10 Mr-Ap '61.
Periodicity in the exchange of hydrogen between organic structures and water in the organism [with summary in English]. K. M Bogdanov, M. I. Shal'nov, IU. M. Shtukkenberg. Biofizika 4 no. 5:582-587 '59.

METAL CLADDING
Copperweld coatings on chromium-nickel steel. E. A. Asnis, V. N. Zamkov. Svar. proizv. no. 7:20-22 Jl '61.
Procedure for producing the bimetal "Aluminum antifriction alloy - steel " A. D. Kuritsyna and others. TSvet met. 34 no. 2 66-68 F '61.

METAL CLOTH—STANDARDS
Russia (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Metallic mesh] Setki metallicheskikh. Izd. ofitsial'noe. Moskva, 1960. 85 p. (SSSR. Gosudarstvennye standarty)

METAL CRYSTALS—GROWTH
Mechanism of filiform crystal growth. I. A. Oding, I. M. Kop'ev. Metalloved. i term. obr. met. no. 7:1-7 Jl '61.
Temperature measurement during the growth of metal crystals from melts. V. T Borisov, A. I Dukhin Fiz. met i metalloved 11 no. 6 893-898 Je '61.

METAL CRYSTALS—MAGNETIC PROPERTIES
Reversible and irreversible processes in the remagnetization of single crystals of silicon iron N. M. Salanskii, A. M. Rodichev, V. A. Buravikhin. Fiz. met i metalloved 11 no. 6 843-850 Je '61.

METAL CUTTING
Additional application of ultrasonic waves in cutting metals. V. I. Zakharov and others. Vest. mash. 41 no. 7:62-65 Jl '61.
Automation of the machining of crankshafts and lay shafts on lathes and drilling machines V. A. Benkin Mekh. i avtom. proizv. 15 no 6:4-8 Je '61.
Broaching grooves in heat-resistant materials. P. G. Baliura. Stan. i instr. 32 no. 7:26-28 Jl '61.
Effect of face-milling conditions on the cold hardening of steel. I. N. Kosenko. Vest. mash. 41 no. 6:63-65 Je '61.
Effect of the wear of a cutting tool in finish boring on the rated contact area of the cutting-tool face and the cut-off layer. V. A. Kacher. Izv. vys. ucheb. zav.; mashinostr. no. 4:162-166 '61.
High-speed milling. M. A. Chashchin. Trakt. i sel'khozmash. 31 no. 7:43-44 Jl '61.

METAL CUTTING, ELECTRIC see Electric metal cutting

METAL-CUTTING TOOLS
Advanced design, manufacture and inspection of cutting tools. A IA. Malkin. Stan i instr. 32 no. 6:1-4 Je '61.
Characteristics of the wear of the cutting edge of metal-cutting tools. S. S. Nekrasov. Dokl. TSKhA no. 66: 177-181 '61.
A cutting tool instead of a machine tool. E. Muslin. Izobr. i rats. no. 6:2 of cover, 7 Je '61.
Durability of tips made of tungsten-cobalt hard alloy used in the machining of the El437 alloy. V. F. Funke and others. Stan. i instr. 32 no. 6:32-33 Je '61.
Efficiency of cutting tools with many-faced hard-alloy tips. E. I. Fel'dshtein, I. N. Demidov, A. V Bugaev. Stan. i instr 32 no. 7:34-36 Jl '61.
Fel'dshtein, E. I. [Better utilization of metal-cutting tools; fundamentals of efficient operation] Kak luchshe ispol'zovat' rezhushchii instrument; osnovy ratsional'noi ekspluatatsii. Minsk, Gos. izd-vo BSSR, Red. proizvodstvennoi lit-ry, 1960. 270 p.

Hard-alloy low-module gear cutters. G. V Grodzenskii. Priborostroenie no 7:21-23 Jl '61
Kuznetsov, D. I., and A. L. Itkin. [Repeated reconditioning of metal-cutting tools] Mnogokratnoe vosstanovlenie instrumentov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961, 277 p.
Leningradskii dom nauchno-tekhnicheskogo propagandy. [Disk cutters with a mechanical fastening of hard-alloy tips] Diskovye frezy s mekhanicheskim kreplieniem plastinok tverdogo splava. Leningrad, 1952. 6 p. (Informatsionno-tekhnicheskii listok, no. 18(359))
Leningradskii dom nauchno-tekhnicheskoi propagandy. [Manufacturing hard-alloy end mills with screw tips] Opyt izgotovleniia tverdosplavnykh kontsevykh frez s vintovymi plastinkami. Leningrad, 1954. 9 p. (Informatsionno-tekhnicheskii listok, no. 30(603))
Moskovskii dom nauchno-tekhnicheskoi propagandy imeni F. E. Dzerzhinskogo. [High capacity cutting instruments] Vysokoproizvoditel'nyi rezhushchii instrument. Pod red. N. S. Degtiarenko. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 354 p. [MICROFILM]
Performance of an oscillating metal-cutting tool. E. G. Konovalov, A. V. Borisenko. Sbor. nauch. trud. Fiz.-tekh. inst AN BSSR no. 6 216-227 '60.
Shaping hob cutters having efficient geometrical parameters. G. G. Inozemtsev. Izv. vys. ucheb zav., mash mashinostr. no. 4:166-181 '61
Shears for cutting sheets of aluminum alloys Prom. Arm. 4 no. 4:65 Ap '61
Shears for cutting steel rope. F. Karavaev, G. Ozerov Les. prom. 39 no 6:30 Je '61.
Specialization in the metal-cutting tool industry. P. Gritsenko. NTO 3 no. 6:15-16 Je '61.
Table-mounted lever shears. A. Kochergin. IUn. tekh. 6 no. 3:72 Mr '61.
Zharlikov, N. V. [Multipurpose cutting tools] Kombinirovannye rezhushchie instrumenty. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 76 p.

METAL-CUTTING TOOLS—COOLING
Efficient cooling of metal-cutting tools in machining heat resistant alloys. S V. Egorov, A V. Rudnev. Stan. i instr. 32 no. 6:23-25 Je '61.
Using atomized fluids for cooling metal-cutting tools. IU. G. Proskuriakov, N. F Belov, V N Petrov. Stan. i instr. 32 no. 6:25-29 Je '61

METAL-CUTTING TOOLS—MAINTENANCE AND REPAIR
Kozlov, D. A. [Maintenance and repair of metal-cutting tools] Remont i mezhremontnoe obsluzhivanie metallorezhushchikh stankov. Minsk, Gos. izd-vo BSSR. Red. nauchno-tekhn. lit-ry, 1961. 341 p.

METAL-CUTTING TOOLS—TESTING
Determining the sharpness of the cutting edge by the image of the ellipse. V. N. Malikov. Izv. vys. ucheb. zav., mashinostr. no. 4:187-191 '61.
Methods of industrial tests of metal-cutting tools. M. N. Larin. Vest. mash. 41 no. 7:66-69 Jl '61.

METAL DETECTORS
Metal detector for highly magnetic ore. V. M. Zapol'skii, N. V. Shabilt. Gor. zhur. no. 5:68-70 My '61.
Zguriadi, A. E., and R. O. Sherstiuk. [Inductive transducer for determining the number of steel rods] Induktivnyi datchik dlia opredeleniia kolichestva stal'nykh sterzhnei. Sverdlovsk, Gos. nauchno-tekhn. izd-vo po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1960. 18 p. (Obmen peredovym opytom)

METAL INDUSTRIES
Vsesoiuznoe soveshchanie po vnedreniiu radioaktivnykh izotopov i iadernykh izluchenii v narodnoe khoziaistvo SSSR. Riga, 1960. [Transactions of the Conference on Radioactive Isotopes and Nuclear Radiation in the National Economy of the U.S.S.R.] Trudy soveshchaniia... v chetyrekh tomakh. Pod red. N. A. Petrova, L. I. Petrenko i P. S. Savitskogo. Moskva, Gos. nauchno-tekh. izd-vo neft. i gorno-toplivnoi lit-ry.
Vol. 3. [Machinery industry. Metallurgy] Mashinostroenie. Metallurgiia, 1961, 224 p.

METAL POWDER PRODUCTS
Characteristics of the manufacture of powder wire. G. M. Turkel'taub. Svar. proizv. no. 7:31-32 Jl '61.
Coarse-grained flanges in pressed aluminum alloy articles. S. S. Gorelik, IU. M. Vainblat. Metalloved. i term. obr. met. no. 7:38-43 Jl '61.

METAL SPRAYING
(see also subdivision under United States)
Metal spraying. L. Kamionskii. NTO 3 no. 6:13-14 Je '61.

METALLIC FILMS
Domain structure of thin ferromagnetic films. L. V. Kirenskii and others. Izv. Sib. otd. AN SSSR no. 5:3-9 '61.
Investigating the structure of the primary oxide film on uranium A. F. Bessonov, B. S. Borisov, V. G. Vlasov. Fiz. met. i metalloved. 11 no. 6, 959-960 Je '61.

METALLIC FILMS (Continued)

Modifications of beryllium and iron in films condensed on cold backings [with summary in English] B G. Lazarev, E. E. Semenenko, A I. Sudovtsov Zhur eksp. i teor fiz 40 no. 1 105-108 Ja '61.

Structure of oxidation films and the scale resistance of pearlitic steel depending on alloy additions. S A. IUganova, IU. G. Sorokina. Metalloved. i term. obr. met. no 6. 53-56 Je '61.

METALLIC OXIDES

Methods of investigating high temperature processes in the carbothermite reduction of high melting oxides. I. E. Vil'komirskii, I. P. Karaseva. Izv. vys. ucheb. zav.; tsvet. met. 4 no. 2. 107-109 '61.

Regularity in the enthalpy of formation of oxides and hydroxychlorides. B N Sharupin, I V Vasil'kova. Zhur ob khim 31 no 6·2077-2078 Je '61.

METALLO-ORGANIC COMPOUNDS see Organometallic compounds

METALLURGICAL FURNACES

Dlomidovskii, D. A. [Metallurgical furnaces in nonferrous metallurgy] Metallurgicheskie pechi tsvetnoi metallurgii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 728 p.

Kasenkov, M. A. [Forging and small casting furnaces] Kuznechenye i maiye plavil'nye pechi. Moskva, Gos nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 196 p.

METALLURGICAL FURNACES—TESTING

Flame testing of chambers with a vortex flow of gases and a water-cooled receiver in the center near the surface of the brickwork M. A. Glinkov, A A. Portnov Izv vys ucheb. zav., chern met 4 no 5 184-188 '61.

METALLURGICAL PLANTS see subdivision under Cherepovets, Krivoy Rog; Magnitogorsk; Moscow; Moscow Province; Stalingrad

METALLURGICAL PLANTS—COSTS

Veselov, N. G., and A. S. Osinisev. [Analysis of potentialities for the reduction of the cost of cast iron] Analiz rezervov snizhenila sebestoimosti chuguna. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1961. 124 p.

METALLURGICAL RESEARCH see subdivision under Alma-Ata; Kazakhstan

METALLURGY

Innovators of industry are speaking. Metallurg 6 no. 7. 2-3 Jl '61.

Let us be ready to greet the Metallurgist's Day. Metallurg 6 no. 7:1 Jl '61.

Problems of contemporary metallurgy; translations and surveys of foreign periodical literature.] Probl. sovr. met.; sbor. persv. i obz. inostr. period. lit. 10 no. 3 '61.

METALLURGY—CONGRESSES

Autumn conference of the French Metallurgical Society on October 17-21, 1960. A. D. Assonov. Metalloved. i term. obr. met. no 6·63-64, 3 of cover Je '61.

Joint plenum of Scientific Technological Societies of Ferrous and Nonferrous Metallurgy. V A. Frolov. TSvet. met 34 no. 6 70-81 Je '61.

METALS

Comparative evaluation of heavy metal salt precipitation methods with gaseous hydrogen sulfide and sodium sulfide. N. M. Rusin, V. F. Rabinovich. Gig. i san. 26 no. 1·66-69 Ja '61.

Let's use ferrous and nonferrous metals economically. A. V. Kondrashov. Transp. stroi. 11 no. 5:34-36 My '61.

Physical properties of high-purity metals. R. I. Garber, I. A. Gindin. Usp. fiz nauk 74 no. 1:31-60 My '61.

Processing experimental data on self-diffusion in metals and alloys S. D. Hertsriken Ukr. fiz. zhur. 6 no. 1 138-139 Ja-F '61.

UIT-3 installation for the corrosion of metals, semiconductors, and dielectrics by ion bombardment. G. V. Spivak, F. F. Kushnir, V. E. IUrasova. Izv. AN SSSR. Ser. fiz. 25 no. 6:707-712 Je '61.

METALS—ANALYSIS

Spectral determination of calcium, silicon, barium, potassium, and rubidium impurities in high purity sodium iodide. IU. I. Pecherskaia, G. A. Pevtsov. Trudy IREA no. 22:56-58 '59.

METALS—BIBLIOGRAPHY see Bibliography—Metals

METALS—BRITTLENESS

Effect of linear dislocation on breaking strength [with summary in English]. M. IA. Leonov, A. V. Onyshko. Dop. AN URSR no. 4:447-450 '61.

METALS—COLD WORKING

Resistance of notched, surface-peened rolls. I. V. Kudriavtsev, L. M. Rozenman. Metalloved. i term. obr. met. no. 3:55-57 Mr '61.

METALS—CONGRESSES

Ukrainian Republic Conference on the Theory of Metals and Alloys. V. M. Danilenko and others. Ukr. fiz zhur 5 no. 1 130-135 Ja-F '60.

METALS—ELECTRIC PROPERTIES

Determination of the effective charge of impurities in a metal by the residual resistance [with summary in English] P P Kuz'menko Ukr. fiz. zhur. 6 no 1 116-120 Ja-F '61

Mendeleev's periodic law and normal standard potentials of metals N D Birinkov Izv Sib otd AN SSSR no. 6. 18-56 '61.

METALS—FATIGUE

High temperature fatigue of metals. IU. F. Balandin. Metalloved. i term. obr. met. no. 3:2-8 Mr '61.

Symposium on the fatigue of metals in Prague. M. E Garf Vest. mash 41 no 6 73-76 Je '61

METALS—FINISHING

Improved tumbling drum. A. I. Zatsepin. Mashinostroitel' no. 6:21 Je '61.

Leningradskii dom nauchno-tekhnicheskoi propagandy. [New method for finishing surfaces of parts by cold hardening] Novyi metod otdelki poverkhnostei detalei naklepyvaniem. Leningrad, 1952. 21 p. (Informatsionno-tekhnicheskii listok, no. 14(355))

METALS—HARDENING

"Fluidized bed" is a new hardening medium with controlled cooling properties. N. N. Vanygin. Metalloved. i term. obr met. no. 6·13-18 Je '61.

METALS—HEAT TREATMENT

Smirnov, A. V., and L. V. Beloruchev. [Controlled atmospheres and their use for the heat treatment and case hardening of metals; a survey] Kontroliruemye atmosfery i ikh primenenie dlia termicheskoi i khimikotermicheskoi obrabotki metallov; obzor. Leningrad, 1960. 74 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Serila. Metallovedenie i termicheskaia obrabotka)

METALS—MAGNETIC PROPERTIES

Causes of the Nernst phenomenon in ferromagnetic metals E I Kondorskii Zhur. eksp i teor fiz. 40 no 1·381-382 Ja '61

Standardizing materials with magnetic characteristics E N. Chechurina Standartizatsiia 25 no 6·41-42 Je '61

METALS—TESTING

Dependence of elastic constants of a metal on plastic deformations. O A. Shishmarev, E IA. Kuz'min. Izv. AN SSSR, Otd tekh. nauk, Mekh. i mashinostr. no. 3·167-169 My-Je '61.

Focusing Debye spectrum lines on a bent film in making a reciprocal lattice photography. N. I Sandler. Zav. lab. 27 no. 6 755-758 '61.

Single equation for the plastic elongation of metals G. P. Zaitsev. Fiz met. i metalloved. 11 no 6 910-918 Je '61

METALS, EFFECT OF RADIATION ON

Investigating the short-period isomer activities produced by irradiation of Ga, Ge, and As nuclei with 19.2 Mev protons [with summary in English]. A M. Morozov, Zhur. eksp i teor. fiz 40 no. 1 101-104 Ja '61.

METALS, EFFECT OF TEMPERATURE ON

Changes in the microstructure of uranium under the effect of cyclic heat treatment. Part 2. R I. Garber, S IA. Zalivadnyi, V M Mikhailovskii. Fiz met. i metalloved. 11 no 6 889-892 Je '61

Directional self-diffusion in solids under the effect of temperature gradients. B IA. Pines. Fiz. met. i metalloved. 11 no 6 948-951 Je '61.

Durable hardness of low-melting alloys at various temperatures. V P. Shishokin, L. N. Bazilevskii. Fiz. met. i metalloved. 11 no. 6 942-943 Je '61

Temperature dependence of the rate of β' -phase crystal growth in tin bronze. A. L. Belinkii. Metalloved. i term. obr. met. no. 3:25-27 Mr '61.

METALS, RARE AND MINOR

Geochemistry of rare and dispersed elements in the Maykhura tin and tungsten deposit (central Tajikistan) [with summary in English]. V.V.Mogarovskii, L.V.Rosseikin. Geokhimiia no. 6.526-534 '61.

Intercollegiate Conference on Methods of Separating Rare Metals Having Similar Properties. A. N. Zelikman. Izv. vys. ucheb. zav.; tsvet. met. 4 no. 2:166-167 '61.

Substances in coal, on the one hand, and rare and trace elements, on the other hand. Report 2: Conductance measurements of humic acids in various states as regards germanium, yttrium, scandium, etc. L. V. Petrovskaia. Nauch. trudy MGI no. 27:35-46 '59.

METALS AT HIGH TEMPERATURES

"Large drop" method for the determination of the surface tension and density of molten metals at high temperatures. IU. V. Naidich, V. N. Eremenko Fiz. met. i metalloved. 11 no. 6:883-888 Je '61

Mechanical properties of copper-vanadium and nickel-vanadium alloys at high temperatures. Metalloved. i term. obr. met. no. 3:52-55 Mr '61.

Standardization of the methods used in high temperature tensile tests. A. M. Borzdyka. Zav. lab. 27 no. 6:764 '61.

METALS AT LOW TEMPERATURES—ELECTRIC PROPERTIES

Survey of investigations of the thermoelectric properties of metals of the first group at low temperatures, conducted in the National Research Laboratories at Ottawa. W. B. Pearson. Fiz. tver. tela 3 no. 5:1411-1421 My '61

METALWORK

(see also subdivision under Erivan; Zaporozh'ye)

Innovators of industry are speaking. Metallurg 6 no 7: 2-3 Jl '61.

Problems pertaining to the technology of gluing metals V I. Rimeikis Doki TSKhA no. 66·253-260 '61

METALWORKING LUBRICANTS

Efficient cooling of metal-cutting tools in machining heat resistant alloys. S. V. Egorov, A V Rudnev Stan i instr. 32 no 6·23-25 Je '61

"Metalworking lubricants used in metal cutting" by P. V Timofeev Reviewed by Tibor Petrys Stan i instr 32 no. 6.43-44 Je '61.

Using atomized fluids for cooling metal-cutting tools IU. G. Proskurinkov, N F Belov, V N Petrov Stan i instr. 32 no 6·25-29 Je '61

METALWORKING MACHINERY

From the Exhibition of the Achievements of the National Economy of the U. S. S. R. G U Dashevskaia. Metalloved. i term. obr met. no. 7.58-61 Jl '61.

Hard facing punch plates on 3000-ton presses. K N. Kravchenko. Svar. proizv. no. 7·37 Jl '61.

METAMORPHISM (GEOLOGY)

(see also subdivision under Makharadze District)

Geochemistry of boron in metamorphic processes associated with the diabases of Baikal [with summary in English]. A. S. Varlakov. Geokhimiia no. 6:521-525 '61.

METEORITES see subdivision under Podkamennaya Tunguska Valley

METEORITES—ELECTRIC PROPERTIES

Electrical properties of stone meteorites [with summary in English]. K M Alekseeva, K A Tovarenko Dop. AN URSR no 5 620-622 '61.

METEOROLOGICAL INSTRUMENTS—STANDARDS

Russia (1923- U. S. S. R.) Vsesoiuznyi komitet standartov. [Meteorological instruments] Meteorologicheskie pribory. Izd. ofitsial'noe. Moskva, 1959, 127 p. (SSSR. Gosudarstvennye standarty)

METEOROLOGICAL MUSEUMS see subdivision under Voeykovo

METEOROLOGICAL RESEARCH see subdivision under Caucasus; Irkutsk Province

METEOROLOGICAL SATELLITES

Meteorological research by the use of artificial earth satellites in the United States. K IA. Kondrat'ev. Meteor. i gidrol. no. 7 43-49 Jl '61.

METEOROLOGY

Vul'fson, N. I. [Investigation of convective motions in the free atmosphere] Issledovanie konvektivnykh dvizhenii v svobodnoi atmosfere. Moskva, Izd-vo Akad. nauk SSSR, 1961. 521 p.

Will the people learn to regulate rain? Hilaire Cuny. V zashch. mira no. 12:62-70 D '60.

METEOROLOGY—BIBLIOGRAPHY see Bibliography—Meteorology

METEOROLOGY—OBSERVATIONS see subdivision under Antarctic regions

METEOROLOGY, AGRICULTURAL

Agrometeorological conditions of the planting time of corn in the Ukraine. A. M. Kokukh, G. L Timoshenko Trudy UKrNIGMI no. 22:32-38 '61.

METEORS

Analysis of the relationship between the number of meteors recorded during an hour and the parameters of meteoric bodies, atmosphere and equipment. E. I Fialko. Biul. Kom po komet. i meteor. AN SSSR no 5. 7-19 '61.

Certain and random detection of unstable meteor trails. E. I. Fialko. Radiotekhnika 16 no. 6:24-33 Je '61.

Determining the mean quadratic error of the observed number of meteors in a unit of time [with summary in English]. O. I. Bel'kovich. Astron. zhur. 38 no. 3: 532-534 My-Je '61.

Fialko, E. I. [Radar methods for observing meteors] Radiolokatsionnye metody nabliudenila meteorov. Moskva, Izd-vo "Sovetskoe radio," 1961. 111 p.

Interferences in photoelectric observations of meteors. D. L. Astavin-Razumin. Biul. VAGO no. 28:6-10 '60.

Planetary perturbations and the origination of plane meteor swarms. B. IU Levin Biul. Kom. po komet i meteor. AN SSSR no. 5·3-6 '61.

Radiants of telescopic meteors of the Southern Hemisphere. V. E. Shtepan. Biul. Kom. po komet i meteor. AN SSSR no. 5:45-51 '61.

METEORS (Continued)
Results of the observations of δ-Aquarid and Perseid meteor showers A. K. Terent'eva Biul. Kom. po komet. i meteor. AN SSSR no. 5: 29-36 '61.
Seminar on meteors in Ashkhabad. P. B. Babadzhanov. Biul. Kom. po komet. i meteor. AN SSSR no. 5: 54-55 '61.
Seminar on photographic photometry of meteors. L. M. Volynskaia. Biul. Kom. po komet. i meteor. AN SSSR no. 5: 54 '61.
Spectrophotographic observations of meteors in Turkmenistan. K. A. Liubarskii. Biul. Kom. po komet. i meteor. AN SSSR no. 5: 37-44 '61.

METEORS—AUGUST
Number of meteors in the Perseid shower of 1959. L. V. Ivanisenko. Biul. VAGO no. 28: 11-15 '60.

METEORS—DECEMBER
Studying individual radiants of meteors of the Geminid shower [with summary in English]. B. L. Kashcheiev, M. F. Lebutin, L. A. Lysenko. Dop. AN URSR no. 5: 623-626 '61.

METERS, ELECTRIC see Electric meters

METHACRYLIC ACID
Carbochain polymers and copolymers. Part 33: Copolymerization of methylmethacrylate with polyhydroxyperargonate containing a methacrylic end group [with summary in English]. G. S. Kolesnikov, TSzen Khan-min (Tseng Han-ming). Vysokom. soed. 3 no. 6: 919-924 Je '61.
Conformational transformations of macromolecules in solutions. Part 1. Conformational transformations of polymethacrylic acid [with summary in English]. S. S. Urazovskii, I. T. Sliusarov. Vysokom. soed. 3 no. 3: 420-425 Mr '61.
Light aging of polymethyl methacrylate. Part 2: Study of photodegradation process with the aid of radioactive C^{14} [with summary in English]. M. I. Frolov, L. V. Nevskii, A. V. Rishov. Vysokom. soed. 3 no. 6: 877-881 Je '61.
Mechanism of radiation polymerization. Part 2: Mechanism of the carbonium polymerization of styrene and methyl methacrylate induced by gamma rays [with summary in English]. M. K. IAkovleva, A. P. Sheinker, A. D. Abkin. Vysokom. soed. 3 no. 6: 828-832 Je '61.
Method of embedding in methacrylate without the use of gelatin capsules. L. S. Gol'din. TSitologiia 3 no. 3: 357-359 My-Je '61.
Photoelastic effect in polymethyl methacrylate stereoisomers. Part 1: Atactic and syndiotactic polymers [with summary in English]. V. N. TSvetkov, M. G. Vitovskaia. Vysokom. soed. 3: no. 6: 931-935 Je '61.
Photoelastic effect in polymethyl methacrylate stereoisomers. Part 2: Isotactic polymer [with summary in English]. V. N. TSvetkov, M. G. Vitovskaia. Vysokom. soed. 3 no. 7: 1077-1083 Jl '61.
Polymerization of methylmethacrylate in the presence of the organic acid - dimethylaniline system. Part 1 [with summary in English]. M. F. Margaritova, S. D. Evstratova. Vysokom. soed. 3 no. 3: 390-397 Mr '61.
Polymerization of methylmethacrylate in the presence of the organic acid - dimethylaniline system. Part 2 [with summary in English]. M. F. Margaritova, S. D. Evstratova. Vysokom. soed. 3 no. 3: 398-401 Mr '61.
Synthesis and transformations of vinyl ethanolamine ethers. Part 13: Copolymerization of some vinyl ethanolamine ethers with methyl methacrylate [with summary in English]. I. A. Chekulaeva and others. Vysokom. soed. 3 no. 6: 901-907 Je '61.
Synthesis of polymers. Report 2. Photooxidative activation of methyl methacrylate by ultraviolet light [with summary in English]. S. R. Rafikov, G. P. Gladyshev. Vysokom. soed. 3 no. 7: 1034-1040 Jl '61.

METHANE
Some α-amines of the diphenylmethane series. I. G. Matveev, D. A. Drapkina, R. L. Globus. Trudy IREA no. 22, 147-154 '58.
Surface tension of solutions of liquified gases N_2--Ar, Ar--CH_4, N_2--CH_4 [with summary in English]. IU. P. Blagoi. Ukr. fiz. zhur. 5 no. 1: 109-114 Ja-F '60.
Tautomerism of nitro compounds. Report 3: Effect of temperature and ionic strength of solutions on the rates of phenylnitromethane tautomeric transitions. V. M. Belikov and others. Izv. AN SSSR, Otd. khim. nauk no. 6: 1108-1111 Je '61.

METHANOL
Solubility of the mixture of carbon dioxide and hydrogen in methyl alcohol at low temperature under pressure. E. R. Shenderei, IA. D. Zel'venskii, V. P. Ivanovskii. Khim. prom. no. 5: 309-312 My '61.

METHANOL
Synthesis of cyclohexyl-β-dimethylaminoethylcarbinols and their esters. E. M. Cherkasova, G. S. Erkomaishvili. Zhur. ob. khim. 31 no. 6: 1832-1838 Je '61.

METHIONINE
Effect of food enriched by methionine on the development of experimental silicosis in white rats [with summary in English]. A. IU. Grubina and others. Vop. pit. 20 no. 3: 41-46 My-Je '61.
Evaluation of the effectiveness of methionine in the treatment of Botkin's disease [with summary in English]. I. I. Kornikova, A. M. IArtseva. Sov. med. 25 no. 5: 63-69 My '61.

METHONIUM COMPOUNDS
Effect of hexonium and redergam in experimental hypertension [with summary in English]. M. V. Pan'shina. Farm. i toks. 24 no. 2: 145-149 Mr-Ap '61.

METHYLENE BLUE
Preparation and properties of a complex of gallium chloride with methylene blue. K. A. Bol'shakov, IU. G. Eremin, V. A. Bardin. Izv. AN SSSR, Otd. khim. nauk no. 6: 945-950 Je '61.

METHYLENE SULFIDE
Catalytic conversions of heterocyclic compounds. Part 57: Conversion of 2-alkyltetrahydropyrans to 2-alkylpentamethylene sulfides. IU. K. IUr'ev, O. M. Revenko. Zhur. ob. khim. 31 no. 6: 1883-1885 Je '61.

MIASS REGION—WATER, UNDERGROUND
Hydrogeological character of the area southwest of Miass. N. F. Lobanova, T. I. Frolova. Izv. vys. ucheb. zav., geol. i razv. 4 no. 4: 107-110 Ap '61.

MICA see subdivision under United States

MICE see subdivision under Virgin Territory

MICE AS LABORATORY ANIMALS
Biological characteristics of nine inbred lines of mice [with summary in English]. M. G. TSubina. Biul. MOIP. Otd. biol. 66 no. 3: 114-133 My-Je '61.
Effect of laboratory conditions on chemical thermoregulation in the red-backed bank vole (Clethrionomys glareolus Schreb.) in winter [with summary in English]. IU. M. Smirin. Biul. MOIP. Otd. biol. 66 no. 3: 20-24 My-Je '61.

MICHURIN, IVAN VLADIMIROVICH, 1855-1935
Pronin, V. A. [Michurian Darwinism] Michurinskii darvinizm. [Moskva] Izd-vo Mosk. univ., 1961. 22 p.

MICHURINSK—ALCOHOL
Michurinsk Experimental Alcohol Plant at the eve of the 22d Congress of the CPSU. L. A. Polevoi. Spirt. prom. 27 no. 4: 6-7 '61.

MICROBIOLOGICAL RESEARCH see subdivision under United States

MICROBIOLOGY
(see also subdivision under Chernovtsy; Hungary; Kola Bay)
"Breeding of microbes" by D. F. Petrov. Reviewed by K. A. Kozlov. Zhur. mikrobiol. epid. i immun. 31 no. 8: 148-150 Ag '60.
Chistova, P. I. [Microbiology] Mikrobiologiia. Moskva, Gos. izd-vo torg. lit-ry, 1961. 117 p.
Material on the history of the Gamaleia Institute of Epidemiology and Microbiology of the Soviet Academy of Medical Sciences; 1891-1931. A. A. Efremenko. Zhur. mikrobiol. epid. i immun. 31 no. 8: 143-145 Ag '60.
Methodological organization of lectures on the problem of spontaneous origin of life in connection with the history of the development of teaching on microorganisms, 100th anniversary of Pasteur's investigations. A. I. Metelkin. Zhur. mikrobiol. epid. i immun. 32 no. 2: 130-135 F '61.
Restoration of microbe cultures from the dried state [with summary in English]. E. D. Ravich-Birger. Zhur. mikrobiol. epid. i immun. 31 no. 3: 75-79 Mr '60.
Use of ultrasonic waves in microbiology and the biochemistry of microbes, survey of the literature [with summary in English]. G. I. Stepanchenok-Rudnik, V. A. Blagoveshchenskii. Zhur. mikrobiol. epid. i immun. 31 no. 3: 44-48 Mr '60.

MICROBIOLOGY—BIBLIOGRAPHY see Bibliography—Microbiology

MICROBIOLOGY—CONGRESSES
Conference of the Chita Institute of Epidemiology, Microbiology, and Hygiene. L. G. Elkonin. Zhur. mikrobiol. epid. i immun. 32 no. 5: 153-154 My '61.

MICROBIOLOGY—EQUIPMENT AND SUPPLIES
Construction of a variable-volume chamber for the study of bacterial and viral aerosols. V. P. Zhalko-Titarenko. Zhur. mikrobiol. epid. i immun. 32 no. 1: 29-135 Mr '61.

MICROBIOLOGY—STUDY AND TEACHING
Organization of practical studies for medical students on especially hazardous infections. V. N. Zil'fian. Zhur. mikrobiol. epid. i immun. 32 no. 3: 140-141 Mr '61.
Siniushina, M. N., IU. S. Nabokov, and M. N. Samsonova. [Laboratory manual in microbiology; for students of the correspondence section of the Department of Pharmacy] Rukovodstvo k prakticheskim zaniatiiam po mikrobiologii; dlia studentov zaochnogo otdeleniia farmatsevticheskogo fakul'teta. Moskva, Pervyi Mosk. med. in-t, 1960. 66 p.

MICROCHEMISTRY
Degradation of organic compounds in rapid oxygen flow under conditions of microelementary analysis [with summary in English]. V. A. Klimova, T. A. Antipova. Zhur. anal. khim. 16 no. 3: 343-347 My-Je '61.
"Inorganic ultramicroanalysis" by I. P. Alimarin, M. N. Petrikova. Reviewed by A. K. Babko. Zhur. anal. khim. 16 no. 3: 377-378 My-Je '61.
Microanalytical hydrogenation [with summary in English]. B. G. Belen'kii, I. S. Barabanshina. Zhur. anal. khim. 16 no. 3: 337-342 My-Je '61.
Micromethod for the determination of sulfur in organic substances with carboxyarsenazo, a new indicator for the titration of SO_4^{2-} ion [with summary in English]. K. F. Novikova, N. N. Basargin, M. F. TSyganova. Zhur. anal. khim. 16 no. 3: 348-351 My-Je '61.

MICROCIDE
Use of microcide (glucose oxidase) to determine glucose in normal and diabetic blood [with summary in English]. I. S. Lukomskaia, V. K. Gorodetskii. Biokhimiia 26 no. 3: 477-482 My-Je '61.

MICROCLIMATOLOGY
Microclimate of the salt massif of Lake Inder. IA. I. Tychino. Trudy Lab. ozeroved. 10: 110-111 '60.

MICROCOCCUS
Synthesizing activity of the polynucleotide phosphorylase of Micrococcus lysodeikticus in solution and in coacervate system [with summary in English]. A. I. Oparin, K. B. Serebrovskaia, T. L. Auerman. Biokhimiia 26 no. 3: 499-504 My-Je '61.

MICROFILM BOOKS see Projected books

MICRO-ORGANISMS
Domesticated microbes. S. M. Navashin. Zdorov'e 7 no. 7: 18-19 Jl '61.
Kuchaeva, A. G. [Microbes are our friends and enemies] Mikroby nashi druz'ia i vragi. Moskva, Izd-vo "Znanie" Vses. ob-va po raspr. polit. i nauchn. znanii, 1961. 30 p. (Narodnyi universitet kul'tury)

MICRO-ORGANISMS, NITROGEN-FIXING
(see also subdivision under Georgia)
Use of nitrogenous compounds of petroleum by microorganisms under anaerobic conditions [with summary in English]. V. M. Bogdanova. Mikrobiologiia 30 no. 2: 299-300 Mr-Ap '61.

MICRO-ORGANISMS, PATHOGENIC—NOMENCLATURE
Organization of a committee on the nomenclature of pathogenic microbes as part of the Soviet Ministry of Public Health. Z. M. Andreeva. Zhur. mikrobiol. epid. i im immun. 31 no. 8: 154-155 Ag '60.

MICROPALEONTOLOGY see subdivision under Kolkhida Lowland

MICROSCOPE
Biological microscopes in 1961. T. I. Sokolova, M. P. Platonov. TSitologiia 3 no. 3: 345-357 My-Je '61.

MICROSCOPY
Application of interference microscopy to coacervates [with summary in English]. T. N. Evreinova, A. V. Kuznetsova. Biofizika 6 no. 3: 288-293 '61.
Histochemical investigation (ultraviolet microscopy) of the cells of the auditory and spatial analyzers during nutrition disturbances [with summary in English]. IA. L. Gotlib. Zhur. ush., nos. i gorl. bol. 20 no. 4: 36-39 Jl-Ag '60.
Ultraviolet microscopy of biological objects with incident illumination [with summary in English]. E. M. Brumberg, I. IA. Barskii, P. E. Moroz. Biofizika 4 no. 5: 595-599 '59.
Use of interference microscopes in biology. A. N. Zakhar'evskii, A. F. Kuznetsova. TSitologiia 3 no. 3: 245-253 My-Je '61.

MICROSCOPY—TECHNIQUE
Method of embedding in methacrylate without the use of gelatin capsules. L. S. Gol'din. TSitologiia 3 no. 3: 357-359 My-Je '61.

MICROSEISMS
Correlation method of determining the speed of microseisms. L. N. Rykunov. Izv. AN SSSR, Ser. geofiz. no. 7: 1037-1039 Jl '61.

MICROSPORUM
Epidemiological role of cats in spreading Microsporum among humans [with summary in English]. Z. G. Stepanisheheva. Zhur. mikrobiol. epid. i immun. 32 no. 4: 127-130 Ap '61.

MICROTOME
Work experience with a standard domestic UMT-2 ultramicrotome. IA. IU. Komissarchik, V. F. Mashanskii. Izv. AN SSSR. Ser. fiz. 25 no. 6: 764-765 Je '61.

MICROWAVE MEASUREMENTS
Coaxial switch for a frequency band of 1,000 to 3,000 mc. G. G. Petrosian. Trudy inst. Kom. stand., mer i izm. prib. no. 46: 93-95 '60.

MICROWAVE MEASUREMENTS (Continued)

Determination of the effective temperature of noise radiation at an uneven heating-up of the load. L. A. Birger. Trudy inst. Kom. stand., mer i izm. prib. no. 48 42-47 '60

Microcalorimeter for measuring microwave power. A.I. Brodskii. Trudy inst. Kom. stand., mer i izm. prib. no. 48 54-62 '60

Use of a phase-shifting device and a probing head for precise measurement of the errors of KSVN devices. L. N. Belanskii. Trudy inst. Kom. stand., mer i izm. prib. no. 48, 86-89 '60

MICROWAVES

Analysis of the errors of a microcalorimeter with a circulating liquid. V. I. Pronenko. Trudy inst. Kom. stand., mer i izm. prib. no. 48-24-41 '60

Intercoupling effects between a cavity resonator and a ferrite. A. L. Mikaelian, V. IA. Antonfants, IU. G. Turkov. Radiotekh. i elektron. 6 no. 7:1184-1193 Jl '61.

Long-range tropospheric propagation of microwaves, a survey. N. A. Armand and others. Radiotekh i elektron. 6 no. 6:867-885 Je '61.

Nonlinear gyromagnetic nutation-type effects in ferrites. L. K. Mikhailovskii and others. Radiotekh. i elektron. 6 no. 7:1178-1183 Jl '61.

Requirements of amplitude and phase stability of the fields in the cavities of a linear accelerator. A. P. Fedotov, V. A. Tepliakov. Radiotekh. i elektron. 6 no. 7:1205-1206 Jl '61.

Study of the action of electromagnetic energy of microwaves on hematopoiesis [with summary in English]. N. A. Suvorovskaia. Pat. fiziol. i eksp. terap. 5 no. 1:38-42 Ja-F '61.

Study of the operation of a frequency multiplier using the nonlinear capacitance of the p-n junction. V. B. Braginskii, V. A. Dianova, E. R. Mustel'. Radiotekh. i elektron. 6 no. 7:1173-1177 Jl '61.

MICROWAVES—EQUIPMENT AND SUPPLIES

Coaxial switch for a frequency band of 1,000 to 3,000 mc. G. G. Petrosian. Trudy inst. Kom. stand., mer i izm. prib. no. 48 93-95 '60

MICROWAVES—PHYSIOLOGICAL EFFECT

Experimental apparatus for the irradiation of protein solutions by microwaves. A. S. Presman. Biofizika 6 no. 3 370-371 '61.

MIGRATION, INTERNAL
(see also subdivision under Siberia)

Migration of peasants to the southern Ussuri Valley from 1883 to 1893. S. A. Uredkov. Uch. zap. LGU no. 270 182-200 '59.

MIKHAILOV, VIKTOR VASIL'EVICH, 1901-

V. V. Mikhailov turns sixty. Bet. i zhel.-bet. no. 4:190 Ap '61.

MILAN—CITY PLANNING

"Comasino" microdistrict near Milan. N. V. Kamenskii. Stroi. i arkhit. Len. 23 no. 6:34-35 Je '61.

MILDEW

Dates for thinning sunflowers in areas where mildew occurs [with summaries in English, German, and French]. P. G. Semikhnenko, D. N. Belevisev. Vest. sel'khoz. nauki 6 no. 6:30-36 Ja '61.

MILFORD HAVEN, WALES—HARBOR—ANCHORAGE

Sea mooring in Milford Haven. IU. V. Dmitriev. Transp. stroi. 11 no. 5:55-56 My '61.

MILI STEPPE see Kura Lowland

MILITARISM see subdivision under Germany, West

MILITARY ART AND SCIENCE

"Problems in the dialectic of military science" by I. A. Grudinin. Reviewed by N. Basov. Komm. Vooruzh. Sil 1 no. 4:89-93 Jl '61.

MILITARY ART AND SCIENCE—BIBLIOGRAPHY see Bibliography—Military art and science

MILITARY ART AND SCIENCE—EXHIBITIONS see subdivision under Baku

MILITARY ASSISTANCE, AMERICAN see subdivision under Iran

MILITARY BASES see subdivision under Iceland

MILITARY BASES, AMERICAN
(see also subdivision under Naples)

War bases are a threat to peace. P. Smolenskii. Sov. voin 43 no. 10, 46-47 My '61.

"The theory of competence" as the apology for American military bases in foreign countries. M. I. Lazarev. Izv. vys. ucheb. zav.; prav. 4 no. 1:126-134 '60.

MILITARY BASES, FRENCH see subdivision under Mali Republic

MILITARY BIOGRAPHY see subdivision under Kalmyk A. S. S. R.

MILITARY BRIDGES

Demountable reinforced concrete bridge for shallow water. V. Filippov. Tyl i snab. Sov. Voor. Sil 21 no. 1 80-84 Ja '61.

MILITARY EDUCATION
(see also subdivision under Kol'chugin, Makeyevka, Moscow; Orel Province; White Russia)

Be tireless in increasing combat readiness and in improving rear echelon operations. Tyl i snab. Sov. Voor. Sil 21 no. 1 3-6 Ja '61

Dissemination of technical information. P. Kalinchuk. Tyl i snab. Sov. Voor. Sil 21 no. 1 30-32 Ja '61.

For uprightness and honesty in work. L. Sorokin. Voen. znan. 37 no. 7:3-4 Jl '61.

Friendship with soldiers. G. Lugvin. Voen. znan. 37 no. 7:20 Jl '61.

How to enter a military school. S. Mutaynov. Sov. voin 43 no. 12 16 Je '61.

How we organized and conducted refresher training courses. A. Klimenko, A. Shubin. Tyl i snab. Sov. Voor. Sil 21 no. 3-13-18 Mr '61

Increasing the importance of critiques in education and training. I. Safronov. Tyl i snab. Sov. Voor. Sil 21 no. 2 32-34 F '61.

Make detailed preparation for each lesson. P. Vladimirov. Tyl i snab. Sov. Voor. Sil 21 no. 1 20-23 Ja '61.

Refresher training course for junior specialists. S. Novikov, S. Prudnikov. Tyl i snab. Sov. Voor. Sil 21 no. 2 29-32 F '61.

Suvorov military schools. A. Averin, P. Buchenkov. Voen. znan. 37 no. 7 15-16 Jl '61.

Train young people in the spirit of preparedness for great deeds. G. Shatunov. Voen. znan. 37 no. 6:3-4 Je '61.

Training personnel of service troops of the air defense system. P. Dolnakov. Tyl i snab. Sov. Voor. Sil 21 no. 2 24-28 F '61.

Working in conjunction with the trade unions. Voen. znan. 37 no. 6, 21 Je '61.

MILITARY EXPLOSIVES see Explosives, Military

MILITARY MEDICINE see Medicine, Military

MILITARY MUSEUMS

Yes, military traditions are still alive. L. Nik. Sov. voin 43 no. 12:44 Je '61.

MILITARY OFFENSES

Russia (1923- U.S.S.R. Prokuratura. Metodicheskii sovet. [Theoretical and practical commentaries on the law on the criminal responsibility for military offenses] Nauchno-prakticheskii kommentarii k zakonu ob ugolovnoi otvetstvennosti za voinskie prestupleniia. Pod red. i s predisl. A. G. Gornogo. Izd. 2. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 109 p.

MILITARY PSYCHOLOGY see Psychology, Military

MILITARY SUPPLIES

Be exemplary in readying equipment for spring and summer use. Tyl i snab. Sov. Voor. Sil 21 no. 3 3-8 Mr '61.

MILK

Amount of antibodies in the blood of colts and in the milk of horses used in the production of encephalitis serum [with summary in English]. B. G. Trukhmanov, E. N. Rodiukova. Vop. virus. 6 no. 2:149-151 Mr-Ap '61.

MILK—COMPOSITION

Fractions of casein and whey proteins in the milk of different dairy cattle breeds. N. V. Baranbanshchikov. Dokl. TSKhA no. 61-71-78 '61.

Quality of milk from various cattle breeds of the Ukrainian S. S. R. O. IU. IAtsenko, IE. I. Hertsen, L. P. Pianova'ka. Visnyk sil'hosp. nauky 4 no. 5 69-74 My '61.

MILK—MICROBIOLOGY

Food poisoning of staphylococcal etiology caused by the addition to food of milk from cows with suppurative diseases of the udders [with summary in English]. G. P. Popov, I. L. Poliakova. Zhur. mikrobiol. epid. i immun. 32 no. 2:119-121 F '61.

MILK—TRANSPORTATION

Use of plastic pipes in rural construction. F. A. Shevelev, D. F. Kagan, S. V. Ekhlakov. Vod. i san. tekh. no. 6 18-24 Je '61.

MILK, HUMAN

Proteins and dry residue of human milk in the treatment of hypogalactia with prolactin. L. G. Kovtunova. Vop. okh. mat. i det. 6 no. 4:82-87 Ap '61.

MILK AS FOOD

Use of ionized milk enriched with various kinds of sugar for feeding children in the first year of life. O. I. Koshkarlova. Ped., akush. i gin. 23 no. 1:28-32 '61.

MILK PLANTS see subdivision under Armenia

MILK VETCH see subdivision under Siberia

MILKING MACHINERY

The UDE-16 "Elochka" stationary milking unit. Z. IA. Zhuk. Biul. tekh.-ekon. inform. no. 6, 61-62 '61.

MILKING MACHINES

Basis for a standard milking equipment and milk processing on dairy farms. Z. IA. Zhuk. Trakt. i sel'khozmash. 31 no. 6:15-20 Je '61.

MIL'KOVO DISTRICT—EDUCATION

Our struggle for the realization of general education. L. Verin. Nar. obr. no. 7:72-74 Jl '61

MILKY WAY

An attempt to observe the infrared radiation of the galactic nucleus [with summary in English]. V. I. Moroz. Astron. zhur. 38 no. 3:487-490 My-Je '61.

Gravitational resonance effects and the formation of the spiral structure of the Galaxy [with summary in English]. Per Olof Lindblad. Translated from the Swedish. Astron. zhur. 38 no. 3:507-520 My-Je '61.

Preliminary results of observations on the wave λ=21 cm of a Milky Way region with the center α 20h16m, δ +42°30' [with summary in English]. R. L. Sorochenko. Astron. zhur. 38 no. 3:478-482 My-Je '61.

MILLER, ARTHUR, 1915-

To speak of man's suffering ("Plays" by Arthur Miller. Reviewed by R. Orlova). Novyi mir 37 no. 7 267-271 Jl '61

MILLER, VIKTOR VSEVOLODOVICH, 1880-

On the 80th birthday of Viktor Vsevolodovich Miller. K. I. Meier, A. T. Vakin. Bot. zhur. 46 no. 6:915-919 Je '61.

MILLET

Kornilov, A. A. [Millet] Proso. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 243 p.
(DA)

MILLET—FERTILIZERS AND MANURES

Comparative effectiveness of nitrofoska and mixed simple fertilizers in their local application to corn and millet. V. S. Torin. Dokl. TSKhA no. 64 15-18 '61.

MILLING MACHINERY

The 1A16 milling rolls for continuous crushing and sifting. T. V. Aizenshtein. Biul. tekh.-ekon. inform. no. 6: 22-23 '61.

MILLING MACHINES

Large face-milling heads. N. I. Tashlitskii. Stan. i instr. 32 no. 7:31-32 Jl '61.

Machining spherical surfaces on vertical milling machines. I. Kh. Khmara. Stan. i instr. 32 no. 6:18-20 Je '61.

Planetary milling of annular grooves. T. L. Kuperman. Mashinostroitel' no. 6:17 Je '61.

MILLING MACHINES—ATTACHMENTS

Attachment for milling grooves. A. V. Lupashko. Stan. i instr. 32 no. 6:40 Je '61.

Attachment for milling the screw surface of worms with an irregular pitch. E. V. Ryzhov. Stan. i instr. 32 no. 6:40-41 Je '61.

MIL'SKAYA STEPPE—ALGAE, FOSSIL

Discovery of the limestone alga Acicularia italica Clerici in Akchagyl sediments of the Mil'skaya Steppe. K. A. Alizade. Dokl. AN Azerb. SSR 17 no. 4:319-321 '61.

MIL'SKAYA STEPPE—LAMPS

Clay lamp from Karatepe Hill. O. Sh. Ismizade. Dokl. AN Azerb. SSR 17 no. 4:349-352 '61

MILYUTINSKAYA—EDUCATION

District was given a banner. A. Alenchenko. Nar. obr. no. 7:69-71 Jl '61.

MINE ACCIDENTS see subdivision under United States

MINE BUILDINGS

Surface of hydraulic mines can be simple. S. A. Virabov. Shakht. stroi. 5 no. 5:9-11 My '61.

MINE COMMUNICATIONS

High-frequency communications in underground mines. D. IA. Votolovskaia, A. E. Leiderman, V. I. Feigin. Gor. zhur. no. 6:50-54 Je '61.

MINE DRAINAGE

Adoption of hygroscopic holes for drainage purposes in the Tikhvin bauxite deposits. E. V. Lekhtimiaki. Izv. vys. ucheb. zav.; geol. i razv. 2 no. 12:119-127 '59.

Concerning the book by S. K. Abramov, O. B. Skirgello, and M. I. Chel'tsov "Drainage of mine areas and open pits of coal deposits." Reviewed by V. N. Gol'bert, M. S. Pevzner. Shakht. stroi. 5 no. 6:3-4 of cover Je '61.

Expedient method for the drainage of the Nikopol' deposit open pit mining areas. A. A. Popov, E. A. Shemetov. Gor. zhur. no. 6:5-8 Je '61.

Mine sump with a vertical well-type water receptacle. I. G. Alekseevskii. Trudy Gor.-geol. inst. UFAN SSSR no. 54-59-63 '60.

MINE DRAINAGE (Continued)

Practice of draining the Rozdol sulfur deposit L. F. Zorin, V. A. Kushniruk. Gor. zhur. no. 6:9-11 Je '61.

Reducing the capacity of sumps in metal mines. I. G. Alekseevskii. Trudy Gor.-geol. inst. UFAN SSSR no. 54:53-57 '60.

MINE DUSTS

All-Union congress on the reduction of the dust content of the atmosphere of mines in mining industry enterprises. M. P. Filippova. Gor. Zhur. no. 5:74-75 My '61.

Dust formation during blasting operations in stopes with chamber and pillar mining systems. G. A. Radchenko, E. A. Maliykaev, V. N. Kustov. Trudy Inst. gor. dela AN Kazakh. SSR 7:175-182 '60.

New methods of controlling air dustiness. M. I. Volokhov. Trudy Inst. gor. dela AN Kazakh. SSR 7:164-174 '60.

Nikitin, V. S., and M. M. Chesnokov. [Control of dust and gases in open mine pits] Bor'ba s pyl'iu i gazami na otkrytykh gornykh razrabotkakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 107 p.

MINE DUSTS—SAFETY MEASURES

Means for coal-dust control. M. E. Gekhtd. Bezop. truda v prom. 5 no. 6:17-18 Je '61.

New equipment for dry dust collection in boring. K. V. Pavlov, N. F. Kurov. Bezop. truda v prom. 5 no. 6:18-20 Je '61.

Using foam for dust control in mines. A. A. Pichugin, G. M. Teniakov. Bezop. truda v prom. 5 no. 7:14-15 Jl '61.

MINE FILLING

Ore breaking and mine filling. N. S. Demin. Izv. vys. ucheb. zav.; tsvet. met. 4 no. 2:21-26 '61.

MINE GASES

Alidzaev, E. D. [Degasification of coal beds] Degazatsiia ugol'nykh plastov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 44 p. (Bibliotechka molodogo shakhtera)

Irregularity of gas emission in coal mines. Iu. I. Kalimov. Bezop. truda v prom. 5 no. 7:11-13 Jl '61.

Method for predicting the gas content of coal and gas pressure at the face of the seam [with summary in English] O. N. Shcherban', A. S. TSyrul'nykov, I. IA. Er'omin. Dop. AN URSR no. 6:753-758 '61.

Nikitin, V. S., and M. M. Chesnokov. [Control of dust and gases in open mine pits] Bor'ba s pyl'iu i gazami na otkrytykh gornykh razrabotkakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 107 p.

MINE GASES—SAFETY MEASURES

Detection of methane in mines should be automatic. E. N. Lazarenko, I. P. Ignatenko. Bezop. truda v prom. 5 no. 6:1-2 Je '61.

MINE HAULAGE
(see also subdivision under Krivoy Rog Basin)

Area of use of transportation by means of dumping and self-dumping trucks. V. A. Zhestkov. Gor. zhur. no. 6:17-18 Je '61.

Evaluating methods of hauling broken ore in mining gently inclined deposits. V. A. Shchelkanov. Trudy Gor.-geol. inst. UFAN SSSR no. 54:155-166 '60.

Hoisting of rock in deep strip mines using combined transportation systems. L. G. Tymovskii, A. M. Faktorovich, IU. A. Perten. Gor. zhur. no. 5:17-20 My '61.

KSP-1m scraper conveyer in inclined workings. N. T. Logachev. Shakht. stroi. 5 no. 5:25-26 My '61.

Using forces of explosion and gravity for the displacement of broken ore in mining gently inclined deposits. V. A. Shchelkanov. Trudy Gor.-geol. inst. UFAN SSSR no. 54:149-154 '60.

MINE HAULAGE—EQUIPMENT AND SUPPLIES

Body design and unloading system for railless haulage equipment in underground mining operations. V. Sh. Sharipov, D. B. Kozhakhmedov. Trudy Inst. gor. dela AN Kazakh. SSR 7:122-129 '60.

MINE HOISTING
(see also subdivision under Krivoy Rog Basin)

Automatically controlled skip hoist. G. P. Kudriavtsev. Gor. zhur. no. 6:48-50 Je '61.

Using rope guides in vertical mine shafts. P. I. Gorlov. Shakht. stroi. 5 no. 6:6-8 Je '61.

MINE HOISTING—SAFETY APPLIANCES

Roller and channel guides for skip hoists. I. S. Tronza, M. M. Afanas'ev. Gor. zhur. no. 6:43-45 Je '61.

MINE MANAGEMENT
(see also subdivision under Levikha region)

Concerning A. N. Grammatikov and N. I. Ivanov's book "Planning and organization of construction in mining enterprises." Reviewed by P. V. Nagibin. Shakht. stroi. 5 no. 5:31-32 My '61.

"Improve the work of underground sections" by IA. D. Grosseman, E. M. Kozakov. Reviewed by D. S. Sallshchev and others. Gor. zhur. no. 5:8-13 My '61.

MINE RAILROADS
(see also subdivision under Italy; Sokolovka region; Kustanay Province)

Automation of counting and control in mine railroad transportation. V. P. Bukhgol'ts. Gor. zhur. no. 4:49-52 Ap '60.

Modernization of the remote control equipment for mine electric locomotives. V. I. Ermolaev, E. G. Zaplechnyi. Gor. zhur. no. 6:46-48 Je '61.

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. [Operation of open-pit transportation] Moskva, Gos. nauchno-tekhn. izd-vo lity-ty po gornomu delu, 1961. 159 p.

Wire-saving switch control system. M. A. Okorokov. Gor. zhur. no. 4:53-54 Ap '60.

MINE RAILROADS—CARS

Experiences and problems in using motorized dump cars in open-pit mines. V. N. Lozinskii, A. E. Laptev. Gor. zhur. no. 6:14-17 Je '61.

Mechanization and automatization in changing cars at shaft tops. G. I. Shumilina, L. V. Vinogradov, IU. I. Rassadin. Gor. zhur. no. 5:56-59 My '61.

MINE RAILROADS—SAFETY MEASURES

Accidental contact of an excavator with contact line of a traction network in a strip mine. A. M. Varshavskii. Izv. vys. ucheb. zav.; gor. zhur. no. 4:128-132 '61.

MINE RAILROADS—TRACKS

Mechanization of track work in open-pit mines. S. M. IAmshchikov, A. N. Shukhov, M. V. Tulovskii. Gor. zhur. no. 5:42-45 My '61.

MINE RESCUE WORK

New regulations for the Militarized Mine-Rescue Units on the organization and carrying out of mine-rescue work. P. M. Soloviev. Bezop. truda v prom. 5 no. 7:38-39 Jl '61.

MINE SURVEYING
(see also subdivision under Zyryanovsk District)

Degree of accuracy in volumetric determination in mine surveying. G. A. Artemov, N. G. Zhukov. Izv. vys. ucheb. zav., gor. zhur. no. 4:52-55 '61.

Examination of the experimental model of the OMT-30 optical theodolite for mine surveying. V. V. Verevichev. Gor. zhur. no. 6:67-69 Je '61.

Offset method of mine orientation. I. G. Liaitsa. Gor. zhur. no. 4:64-67 Ap '60.

Survey work in fanning horizontal holes. A. G. Pesotskii. Gor. zhur. no. 4:70-73 Ap '60.

MINE SURVEYING—INSTRUMENTS

Automatic self-adjusting line of sight on the NZK-1 level. A. L. Abisaov. Gor. zhur. no. 5:73 My '61.

MINE TIMBERING
(see also subdivision under Leninogorsk region, Altai Mountains; United States)

Equipment for placing precast reinforced concrete supports. E. I. IAvorskii, G. Z. IArmolenko. Shakht. stroi. 5 no. 5:23-24 My '61.

Measurement of pressure on supports in permanent workings in soft rock. E. S. Prigozhin, V. N. Denisov, N. A. Lebedev. Shakht. stroi. 5 no. 5:16-19 My '61.

New equipment for making circular reinforced concrete liners for vertical shafts. N. I. Englin, V. L. Zhdanov. Shakht. stroi. 5 no. 5:20-23 My '61.

Review of the criticism of L. N. Nasonov's book "Mine timbering". Gor. zhur. no. 5:79-80 My '60.

Using metal falsework and a concrete placer in the lining of galleries. N. I. Kuzakov and others. Shakht. stroi. 5 no. 6:24-26 Je '61.

MINE VALUATION

Economic value of coal losses in mines. V. A. Karabak. Izv. vys. ucheb. zav.; gor. zhur. no. 4:63-69 '61.

MINE VALUATION—CONGRESSES

International symposium on the problem of silicosis in the mining industry. P. N. Torskii. Gor. zhur. no. 5:75 My '61.

MINE VENTILATION

Calculating the ventilation and watering in scraping areas. Bezop. truda v prom. 5 no. 7:37-38 Jl '61.

Comments on M. A. Krainikov's article "Calculating air in accordance with gas content and controlling the ventilation of workings." A. A. Shevtsov, A. A. Miasnikov. Bezop. truda v prom. 5 no. 7:8-10 Jl '61.

Dustiness of ventilation air flow in copper pyrite mines. B. A. Semenenko. Bezop. truda v prom. 5 no. 6:14-15 Je '61.

Efficient use of ducts in mine construction. B. F. Negrutskii. Shakht. stroi. 5 no. 5:26-27 My '61.

Improve mine ventilation systems. S. I. Lugovskii, G. K. Dymchuk. Gor. zhur. no. 5:30-33 My '61.

Method for calculating mine air temperature in coal pump rooms of hydraulic mines [with summary in English]. E. I. Baratov, E. M. Malashenko. Dop. AN URSR no. 4:501-503 '61.

"Mine ventilation" by M. N. Bodingin. Reviewed by N. F. Kremenchustkii. Bezop. truda v prom. 5 no. 7:35 Jl '61.

Mine ventilation by reversible fans. I. I. Gofman, V. P. Belykh. Gor. zhur. no. 5:59-60 My '61.

Seal made of conveyor belts. V. M. Gorlunov, I. A. Beliaev. Gor. zhur. no. 4:74 Ap '60.

Standardization of the amount of poison gases in blasting products formed in large-scale blasting and mining work. A. G. Alekseev. Izv. vys. ucheb. zav., gor. zhur. no. 4:70-76 '61.

Surface air leakages in mines and their causes. A. D. Matvienko, V. I. Mikhailov, I. I. Mikheev. Bezop. truda v prom. 5 no. 6:5-6 Je '61.

Uniform distribution of air in crosscuts in mining workings. A. D. Bagrinovskii. Gor. zhur. no. 5:25-30 My '61.

MINE WATER

Adoption of a method of electrohydrodynamic analogy for determining the water inflow to strip mines in the Tikhvin bauxite deposits. E. V. Lekhtimiaki. Izv. vys. ucheb. zav., geol. i razv. 4 no. 3:82-101 Mr '61.

MINERAL AGGREGATES see Aggregates (Building materials)

MINERAL INDUSTRIES
(see also subdivision under China)

New automatic devices for mining enterprises. F. P. Minovskii. Gor. zhur. no. 4:54-58 Ap '60.

New means of automation in the mining industry. V. G. Ulitin. Gor. zhur. no. 4:59-61 Ap '60.

MINERAL METABOLISM

Copper, cobalt, and nickel metabolism in sheep. R. N. Odynets, M. U. Mambetov. Izv. AN Kir. SSR, Ser. biol. nauk 2 no. 5:47-52 '60.

Effect of strontium on cobalt, copper, calcium, phosphorus, and chlorine metabolism in sheep. E. P. Ilibezova, R. N. Odynets. Izv. AN Kir. SSR, Ser. biol. nauk 2 no. 5:29-39 '60.

Iodine, copper and manganese content of the blood, liver and kidneys in experimental hypothyroidism [with summary in English]. T. S. Samofal. Vop. med. khim. 7 no. 2:163-166 Mr-Ap '61.

MINERAL OILS

Preparation of low pour-point industrial and motor oils from different types of sulfur-bearing crudes by hydrogenation and carbamide dewaxing. A. V. Druzhinina, D. L. Gol'dshtein, M. V. Rysakov. Khim. sera i azotorg. soed. v nefti. i nefteprod. 3:377-387 '60.

MINERAL OILS—ADDITIVES

Highly effective anticorrosive properties of motor oils from sulfur-bearing crudes. A. V. Druzhinina, P. I. Korotkov, V. F. Filippov. Khim. sera. i azotorg. soed. v nefti. i nefteprod. 3:487-490 '60.

MINERAL WATERS
(see also subdivision under Dzhermuk; Tajikistan)

Balneological technic for mineral waters and therapeutic muds. N. A. Gavrilov. Med. sestra no. 5:41-50 My '61.

MINERAL WOOL see subdivision under Donets Basin

MINERALOGY
(see also subdivision under Caucasus, Northern; Ural Mountains)

Betekhtin, A. G. [Course on mineralogy] Kurs mineralogii. Izd. 3., ispr. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1961. 538 p.

In memory of V. I. Vernadskii. Vest. AN SSSR 31 no. 5:129 My '61.

Short-wave and long-wave ultraviolet light source for studying the luminescence of minerals. S. I. Izumskii. Izv. AN Kazakh. SSR, Ser. geol. no. 1:104-109 '61.

Some features of the epigenesis of terrigenous sediments in platform and geosynclinal areas. A. V. Kopelovich, A. G. Kossovskaia, V. D. Shutov. Izv. AN SSSR, Ser. geol. 26 no. 6:18-31 Je '61.

Third scientific V. I. Vernadskii lecture. A. S. Pavlenko. Geokhimiia no. 6:538 '61.

MINERALS
(see also subdivision under Adzharistan; Georgia)

"Minerals," edited by F. V. Chukhrov. Vol. 1. Reviewed by M. N. Godlevskii. Geol. rud. mestorozh. no. 3:120-123 My-Je '61.

Scientific session on "Regularities in the Distribution of Minerals Deposit" held in Kiev in May, 1960. Izv. vys. ucheb. zav., geol. i razv. 4 no. 5:104-105 My '61.

MINERALS—ANALYSIS

Slide rule for determining birefringence ($\gamma - \alpha$) values by means of a calcite rotating compensator. V. I. Matveev. Izv. vys. ucheb. zav.; geol. i razv. 2 no. 12:103-108 '59.

MINERALS IN FOOD

Mineral composition of certain species of fish and verification of the relationship between the mineral and protein content [with summary in English]. E. N. Vasil'eva, N. E. Diubiuk, T. D. Lychnikova. Vop. pit., 20 no. 2 54-59 Mr-Ap '61.

MINERALS IN SOIL

(see also subdivision under Kirghizistan)

How magnesium fertilizers affect plants on turf-Podzolic sandy-loam soils [with summary in English]. V. S. Rubanov. Pochvovedenie no. 6 39-46 Je '61.

How water soluble substances from the vegetation of virgin and of cultivated lands affect the properties of soil. M. N. Pershina, V. T. Dodolina. Dokl. TSKhA no. 63 135-141 '61.

MINERALS IN SOIL—BIBLIOGRAPHY see Bibliography—Minerals in soil

MINERALS IN THE BODY

Microelements of palatal tonsils [with summary in English]. IA. M. Dymshchits, A. P. Mishanin. Zhur. ush., nos. i gorl. bol., 20 no. 5:34-39 S-O '60.

MINERS—DISEASES AND HYGIENE

Practical aspects in establishing causes of sudden death in miners. A. P. Gromov. Gig. i san., 26 no. 1:109-112 Ja '61.

MINES AND MINERAL RESOURCES

(see also subdivision under Kustanay Province; Ural Mountains)

Basic requirements for geological reports in estimating reserves in the State Commission on Mineral Reserves [with summary in English]. I. D. Kogan. Sov. geol., 4 121-133 My '61.

Using A. S. Zolotarev's method for calculating reserves in blocks between unparallel sections. A. P. Prokof'ev, V. V. Stefanovich. Razved. i okh. nedr., 26 no. 2, 10-14 F '60.

Using the sluicing method in prospecting for minerals in partially closed and closed low mountain areas. M. P. Nagorskii. Razved. i okh. nedr., 26 no. 2:27-29 F '60.

Vsesoiuznoe soveshchanie po vnedreniiu radioaktivnykh izotopov i iadernykh izluchenii v narodnoe khoziaistvo SSSR, Riga, 1960. [Transactions of the Conference on Radioactive Isotopes and Nuclear Radiation in the National Economy of the U. S. S. R.] Trudy soveshchaniia... v chetyrekh tomakh. Pod red. N. A. Petrova, L. I. Petrenko i P. S. Savitskogo. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry.

Vol. 4. [Mineral exploration, prospecting, and extraction] Poiski, razvedka i razrabotka poleznykh iskopaemykh. 1961. 284 p.

MINES AND MINERAL RESOURCES—CONGRESSES

Increasing the productivity of mining enterprises. O. A. Baikonurov. Izv. vys. ucheb. zav., gor. zhur., no. 4, 157-159 '61.

MINGECHAUR—ANTIQUITIES

Vaidov, R. M. [Mingechaur from the 3d to the 8th century, from materials collected during archaeological excavations] Mingechaur v III-VIII vekakh; po materialam arkheologicheskikh raskopok. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1961. 160 p. [In Azerbaijani with summary in Russian.]

MINGECHAUR—BRONZE AGE

Aslanov, G. M., R. M. Vaidov, and G. I. Kono. [Ancient Mingechaur; Aeneolithic and Bronze Ages] Drevnii Mingechaur; epokha eneolita i bronzy. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1959. 188 p. plates.

MINGECHAUR RESERVOIR REGION—GEOGRAPHY

Suleimanov, D. M., and I. S. Bashlindzhagian. [Physical and geological phenomena on the shores of the Mingechaur Reservoir] Voprosy fiziko-geologicheskikh iavlenii na beregakh Mingechaurskogo vodokhranilishcha. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1961. 141 p.

MINIATURE PAINTING, MOGUL

[Miniatures of "Babur Namah"] Miniatiury rukopisi "Babur' Name." Moskva, Gos. izd-vo izobraz. iskus., 1960. 111 p. [Parallel texts in Russian and English.]

MINING AND MINERAL RESOURCES

Some economic problems in mining in the capitalist countries. B. S. Rozov. Izv. vys. ucheb. zav., geol. i raz., 4 no. 3 61-66 Mr '61.

MINING ENGINEERING

(see also subdivision under Dzhezkazgan region; Kazakhstan; Kemerovo Province, Kursk Province; Leninogorsk, Leninogorsk region, East Kazakhstan Province; Vysokaya Gora, Sverdlovsk Province)

Breaking in deep holes in the Zlatoust Mine. N. N. Popov. Gor. zhur., no. 4, 11-13 Ap '60.

Breaking of ore in deep holes without corresponding free space. P. L. Osaulenko, B. L. Rozinoer, R. S. Permiakov. Gor. zhur., no. 4, 9-11 Ap '60.

Calculating the thickness of interchamber pillars. A. N. Khanukaev. Gor. zhur., no. 4, 23-27 Ap '60.

Calculation of the stability of mine roofs under the effect of mining machinery placed on them. B. P. Iumatov, V. P. Iumatov. Gor. zhur., no. 8, 64-65 Je '61.

Comment on M. I. Muzal'kov's article "Surface movement during the working of steep veins." Reviewed by A. P. Rylov. Gor. zhur., no. 5, 78 My '61.

Comment on V. R. Imentov and D. V. Mil'chenko's article "Principles of the large-scale breaking down of ores." Reviewed by N. S. Demin. Gor. zhur., no. 5, 77-78 My '61.

Comparative evaluation of mining systems with induced sublevel caving. G. D. Khetagurov. Trudy Alt. GMNII AN Kazakh. SSR, 9 104-118 '60.

Comparing methods of level and sublevel caving in conditions of a complex ore mine. IU. I. Chakhairova, L. V. Cheremushentseva. Trudy Inst. gor. dela AN Kazakh. SSR, 7, 30-37 '60.

Concerning the breaking of ore under conditions of extremely limited compensating space. M. L. Stebakov. Gor. zhur., no. 5, 22-25 My '61.

Design of mine bottoms in systems with mass breaking of ore. V. I. Nikolin. Trudy Gor.-geol. inst. UFAN SSSR, no. 54, 71-78 '60.

Determination of the amount of heading made during mine development. V. I. Golomolzin. Shakht. stroi., 5 no. 6, 5-6 Je '61.

Effectiveness of capital investments as a criterion for evaluating the method used in working levels. N. G. Kapustin. Izv. vys. ucheb. zav., gor. zhur., no. 4, 23-28 '61.

Evaluating the system of induced level caving. G. Khetagurov. Izv. AN Uz. SSR, Ser. tekh. nauk, no. 3, 71-83 '61.

"Improve the work of underground sections" by IA. D. Grossman, E. M. Kozakov. Reviewed by D. S. Sallshchev and others. Gor. zhur., no. 5, 8-13 My '61.

In the State Scientific and Technical Committee of the Ukrainian S. S. R.; maximum production in the mining and ore-dressing combines. Gor. zhur., no. 5, 76 My '61.

Limits for the application of induced sublevel caving on one of the complex ore deposits. B. V. Bugorskii. Trudy Alt. GMNII AN Kazakh. SSR, 9 119-129 '60.

Limit for the transition from gopher hole to borehole ore breaking in the mining of hard ore deposits. B. M. Shul'min. Trudy Gor.-geol. inst. UFAN SSSR, no. 54 115-119 '60.

Making a drift of 709 meters in one month with a single working face. V. I. Dan'kov. Shakht. stroi., 5 no. 6, 19-23 Je '61.

Method of calculating interchamber pillars for strength in mining steeply pitching ore deposits. A. A. Ilivitskii. Trudy Gor.-geol. inst. UFAN SSSR, no. 54, 29-41 '60.

Mining thick steeply-dipping deposits. V. Druzhkov, V. Stepanov, E. Kholobaev. Prom. Arm., 4 no. 1, 42-48 Ja '61.

Perfecting the system of mining with mass caving of the ore. L. I. Burtsev, D. R. Kaplunov, G. S. Kirichenko. Gor. zhur., no. 6, 24-29 Je '61.

Selecting systems for mining valuable ore deposits. V. Druzhkov, V. Stepanov. Prom. Arm., 4 no. 3, 53-56 Mr '61.

Stability of stope and block parameters in systems with large-scale ore breaking. A. A. Ilivitskii. Trudy Gor.-geol. inst. UFAN SSSR, no. 54, 25-27 '60.

Urgency of introducing advanced techniques and equipment in mine construction. IA. V. Brovman. Shakht. stroi., 5 no. 5, 1-5 My '61.

Use of underground excavators in steeply pitching ore deposits. P. V. Vaganov and others. Trudy Gor.-geol. inst. UFAN SSSR, no. 54, 137-147 '60.

MINING ENGINEERING—ABSTRACTS

[Mining.] Ref. zhur., Gor. delo, no. 6 Je '61.

[Mining.] Ref. zhur., Gor. delo, no. 7 Jl '61.

MINING ENGINEERING—BIBLIOGRAPHY see Bibliography—Mining engineering

MINING ENGINEERING—COSTS

Estimated norms for tunneling expenditures of mines. Biul. strol. tekh., 18 no. 4, 14 Ap '61.

Response to the article by N. S. Sindarovskii and A. G. Shpital'nikov, "Concerning capital outlay in strip mining." L. M. Feigin. Gor. zhur., no. 4, 76-78 Ap '60.

MINING ENGINEERING—SAFETY MEASURES

New books published by the State Publishing House of Literature on Mining Engineering. Bezop. truda v prom., 5 no. 7, 36 Jl '61.

Seal made of conveyor belts. V. M. Gorlunov, I. A. Beliaev. Gor. zhur., no. 4, 74 Ap '60.

MINING ENGINEERING—STUDY AND TEACHING see subdivision under Dnepropetrovsk

MINING GEOLOGY

Contouring lean complex ore deposits. L. E. Zubrilov. Trudy Gor.-geol. inst. UFAN SSSR, no. 54, 13-18 '60.

Control of the depletion of ores must begin at the mine planning stage. M. L. Skobnikov. Gor. zhur., no. 6, 3-5 Je '61.

Improving the system of mining inclined dikes at the Berezovskiy Mine. V. N. Ovcharenko, V. A. Shcheikanov. Trudy Gor.-geol. inst. UFAN SSSR, no. 54, 103-110 '60.

Surface shifting in mining steeply dipping veins. M. I. Muzal'kov. Gor. zhur., no. 4, 67-70 Ap '60.

MINING INDUSTRY AND FINANCE

Determination of specific, total, and derived investment period of capital investments for technical and economic calculations in mining. B. P. IUmatov. Izv. vys. ucheb. zav., gor. zhur., no. 4, 56-62 '61.

"Economics, organization, and planning of mining industry enterprises" by M. A. Gurvizh, Z. M. Ioffe, V. V. Osmolovskii. Reviewed by A. V. Baronenkov. Gor. zhur., no. 4, 79-80 Ap '60.

Effect of certain organizational and technological factors on the economic aspects of mining systems with large-scale breaking-away of the ore. E. I. Dobroserdov. Trudy Alt. GMNII AN Kazakh. SSR, 9 130-141 '60.

Effectiveness of capital investments as a criterion for evaluating the method used in working levels. N. G. Kapustin. Izv. vys. ucheb. zav., gor. zhur., no. 4, 23-28 '61.

Principle of the monetary valuation of deposits as applicable to the choice of a mining system. V. V. Loshtekii, S. V. Pak. Trudy Alt. GMNII AN Kazakh. SSR, 9 153-160 '60.

MINING MACHINERY

(see also subdivision under Nizhniy Tagil)

Aviasenko, IU. G., and M. M. Kovalevskii. [Automatic control of mining equipment] Avtomatizatsiia shakhnykh ustanovok. Izd. 2., dop. i perer. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1960. 458 p.

EPM-2 rock loader. Shakht. stroi., 5 no. 6, 4 of cover Je '61.

The KS-2u universal rock-loading machine for shafts. N. A. Morozova. Biul. tekh.-ekon. inform., no. 5, 19-22 '61.

Lipov, P. P., and M. A. TSitsin. [Mining mechanic's handbook] Spravochnik mekhanika gornorudnykh predpriiatii. Izd. 2., perer. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 787 p.

The MPL (KRIVBASS-250) loading machine. E. A. Sorokin. Biul. tekh.-ekon. inform., no. 5, 8-9 '61.

Method for designing pneumatic packers. A. A. Furman. Izv. Sib. otd. AN SSSR, no. 4, 17-27 '61.

New system of remote control for scraper hoists. V. A. Dalluk. Gor. zhur., no. 4, 48-52 Ap '60.

MINING MACHINERY—MAINTENANCE AND REPAIR

Gornopol'skii, A. I., and P. L. Rapoport. [Operation and repair of mining machinery; for electrotechnicians in mine construction] Eksploatatsiia i remont gorno-prokhodcheskogo oborudovaniia; dlia elektroslesarei na stroitel'stve shakht. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 410 p.

MINKEVICH, IVAN EVGEN'EVICH, 1894-1950

Professor I. E. Minkevich (1894-1950) on the 10th anniversary of his death. Z. A. Ignatovich, A. P. Krupina. Gig. i san., 26 no. 1:54-58 Ja '61.

MINSK—CONSTRUCTION INDUSTRY

Large-scale reinforced-concrete elements for the roof of a bearing factory shop in Minsk. G. S. Idel'chik. Bet. i zhel.-bet., no. 4:177-179 Ap '61.

MINSK—DIPHTHERIA

Ways of eliminating diphtheria in Minsk. G. A. Sudzhaev, P. G. Rytik. Zdrav. Bel., 7 no. 5:11-15 My '61.

MINSK—DRUGSTORES

Let us improve the supply of drugs for the people. R. M. Nebos'ko. Zdrav. Bel., 7 no. 5:42-43 My '61.

MINSK—EFFICIENCY, INDUSTRIAL
We should learn to work and live in the communist way. A. Nosilovskii. Komm. Bel. 35 no. 3.19-24 Mr '61.

MINSK—EXCAVATING MACHINERY—TECHNOLOGICAL INNOVATIONS
Operator suggests improvements. G. Shevchak. Izobr. i rats. no. 6:21 Je '61.

MINSK—RED CROSS
Second Minsk City Conference of the Red Cross K Perkel' Zdrav. Bel. 7 no. 5 79 My '61

MINSK—TRACTOR INDUSTRY
Ljashenko, S. V. [Use of dies with dished-spring shock absorbers for trimming presses Minsk Tractor Plant practices] Primenenie shtampov s amortizatorami iz tarel'chatykh pruzhin dlia obreznykh pressov, opyt Minskogo traktornogo zavoda. Leningrad, 1960. 11 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila: Kovka i gorlachaia shtampovka, no. 5)

MINUSINSK BASIN—GEOLOGY, STRUCTURAL
Basic stages in the development of the central part of the Minusinsk intermontaine trough in the Devonian. IA G. Kats. Izv. vys. ucheb. zav., geol. i razv. 2 no. 12 13-28 '59.

MINUSINSK BASIN—TRAVERTINE
Devonian travertines in the Kop'yevo area (Minusinsk intermontane trough). N A Okhapkin. Geol. i geofiz. no 5 59-62 '61.

MIRGALIMSAY—TAILINGS (METALLURGY)
Operation of a tailings storage pond at the Mirgalimsay Ore Dressing Plant. M. I. Ioffe. TSvet. met 34 no 2-10-16 F '61.

MIRGALIMSAY REGION—ROCK PRESSURE
Results of observations of manifestations of rock pressure on the upper levels of the Mirgalimsay Mine. R. V. Balakh, N. P. Erofeev, G. V. Elovikov. Trudy Inst. gor. dela AN Kazakh. SSR 7:61-66 '60.

MITES see subdivision under Chimkent; Kirghizistan

MITOCHONDRIA
Conditions enabling the isolation of mitochondria from plant cells [with summary in English]. I. M. Mosolova, N. M. Sisakian Biokhimiia 26 no 3:549-555 My-Je '61

MIXING MACHINERY
(see also subdivision under Czechoslovakia)
Demonstrating the operation of industrial mixers and churns P P Chernov Khim. v shkole 16 no 2 85-86 Mr-Ap '61.

MODULATION (ELECTRONICS)
Calculation of the number of channels of multichannel systems with interspace time-pulse modulation. B. R. Levin, V. S. Rozenov. Elektrosviaz' 15 no. 6 10-14 Je '61.
Methods for carrying out linear frequency modulation of quartz oscillators. A. D. Artym Elektrosviaz' 15 no. 7-23-29 Jl '61.

MODULATION (ELECTRONICS)—MEASUREMENT
Concerning the measurement of the percentage of modulation at small signal levels. K. A. Reznik. Radiotekhnika 16 no. 5:71-75 My '61.

MOISTURE—MEASUREMENT
Devices for automatic measurement of moisture content. D. Oganesian. Prom. Arm. 4 no. 3:24-26 Mr '61.
Lapshin, A. A. [Electric hygrometers] Elektricheskie vlagomery. Moskva, Gos. energ. izd-vo, 1960. 114 p. (Biblioteka po avtomatike, no. 21)
Sonde with a boron counter for measuring moisture content by means of the neutron method. V. A. Emel'ianov. Biul. tekh.-ekon inform. no. 5:65-66 '61

MOLASSES
Refractometric determination of Bh molasses. Chen' I-sian' (Ch'en I-hsien). Sakh. prom. 35 no. 6:31-32 Je '61.

MOLDAVIA—APPLE
Gerasimova, Z. A. [Cultivation practices for obtaining an apple crop every year; experience of Moldavian state and collective farms] Agrotekhnika ezhegodnykh urozhaev iabloni; opyt sovkhozov i kolkhozov Moldavii. Kishinev, Gos. izd-vo "Kartia moldovenlaske," 1961. 35 p. (Biblioteka plodovoda Moldavii)
(DA)

MOLDAVIA—CONCRETE
High-strength concretes of fine sands in the Moldavian S.S.R. V. A. Berkovich. Bet. i zhel.-bet. no. 4:184-186 Ap '61.

MOLDAVIA—CONSTRUCTION INDUSTRY
Interfarm planning organization helps rural builders. B. Kleiman. Sel'. stroi. 16 no. 4:21-22 Ap '61.

MOLDAVIA—ECONOMIC CONDITIONS
[Moldavian Economic Administrative Region] Moldavskii ekonomicheskii administrativnyi raion. Kishinev, Gos. izd-vo "Kartia Moldovenlaske," 1961. 166 p.

MOLDAVIA—FACTORIES—FIRES AND FIRE PREVENTION
In a progressive enterprise of Moldavia. N. Leont'ev. Pozh. delo 7 no. 6-26 Je '61.

MOLDAVIA—FOLK MUSIC
[The first holiday of song and dance in Moldavia] Pervyi prazdnik pesni i tantsa Moldavii. Kishinev, "Kartia moldovenlaske," 1961. 1v. illus.

MOLDAVIA—FRUIT—VARIETIES
Dushutina, K. K., O. V. Maslukova, and V. K. Smykov. [Best pome fruit varieties for Moldavia] Luchshie sorta semechkovykh porod dlia Moldavii. Kishinev, Gos. izd-vo "Kartia moldovenlaske," 1961. 58 p. (Biblioteka plodovoda Moldavii)
(DA)

MOLDAVIA—FRUIT CULTURE
Kabluchko, G. A. [Possibilities for the development and distribution of fruit culture in Moldavia] Perspektivy razvitiia i razmeshchenie plodovodstva v Moldavii. Kishinev, Gos. izd-vo "Kartia moldovenlaske," 1961. 30 p. (Biblioteka plodovoda Moldavii)
(DA)
Kaimakan, I. V. [Regeneration of old unsystematically established orchards in Moldavia] Rekonstruktsiia starykh besssistemnykh sadov Moldavii. Kishinev, Gos. izd-vo "Kartia moldovenlaske," 1961. 37 p. (Biblioteka plodovoda Moldavii)
(DA)
L'vin, N. S. [Establishing orchards on slopes] Osvoenie sklonovo pod sady. Kishinev, Gos. izd-vo "Kartia moldovenlaske," 1961. 29 p. (Biblioteka plodovoda Moldavii)
(DA)

MOLDAVIA—HOSPITALS—STATISTICS
Statistical materials. Zdravookhranenie ? no. 4:62-3 of cover. Jl-Ag '59.

MOLDAVIA—LEATHER INDUSTRY
Ozherel'ev, A. N., and A. E. Sirota. [Achievements of Moldavian leather-industry workers] Tvorcheskii trud kozhevnikov Moldavii, literatura nala zapis' M. V. Kitsisa. Kishinev, Gos. izd-vo "Kartia moldovenlaske," 1960. 48 p.

MOLDAVIA—PEACH
Sokolova, S. A., and B. V. Sokolov. [Growing peaches in Moldavia] Kul'tura persika v Moldavii. Kishinev, Gos. izd-vo "Kartia moldovenlaske," 1961. 43 p. (Biblioteka plodovoda Moldavii)
(DA)

MOLDAVIA—PRESS
There's a place for each of us in the ranks. P. Darienko. Sov. pech. no. 7:4-5 Jl '61.

MOLDAVIA—PUBLIC HEALTH, RURAL
"Rural district link of the public health system in the Moldavian S. S. R." by M. IA. Gekhtman, A. P. Diskalenko, V IA. Negrescu. Reviewed by V. IA. Mikhelkin. Sov. zdrav. 19 no 3:81-82 '60.

MOLDAVIA—STONE FRUIT—VARIETIES
Maslov, V. IA., V. K. Smykov, and E. S. Khramov. [Best stone fruit varieties for Moldavia] Luchshie sorta kostochkovykh porod dlia Moldavii. Kishinev, Gos. izd-vo "Kartia moldovenlaske," 1961. 62 p. (Biblioteka plodovoda Moldavii)

MOLDAVIA—STRAWBERRIES
Dushutina, K. K. [Growing strawberries in Moldavia] Vyrashchivanie zemlianiki v Moldavii. Kishinev, Gos. izd-vo "Kartia moldovenlaske," 1961. 26 p. (Biblioteka plodovoda Moldavii)
(DA)

MOLDAVIAN COOKERY see Cookery, Moldavian

MOLDING (FOUNDING)
Automatic electron regulator to control the density of foundry mold ramming. L. M. Zarubin. Lit. proizv. no. 3:18-19 Mr '61.
Drying of foundry molds by infrared rays. Mor flot 21 no. 6:46 Je '61.
Experimental investigation of the temperature field of castings solidifying in molds. G. A. Anisovich, Sbor. nauch. trud. Fiz.-tekh. inst. AN BSSR no. 6:172-177 '60.
Process of gas formation in dry foundry molds and cores. A. F. Spasskii, A. A. Ryzhikov. Lit. proizv. no. 3:22-24 Mr '61.
Selecting the most satisfactory operating conditions for sand slingers. R. L. Geller. Lit. proizv. no. 3:12-13 Mr '61.

MOLDING (FOUNDING)—HYGIENIC ASPECTS
Hygienic evaluation of the vibration factor in working with pneumatic rams [with summary in English]. A. M. Mikulinskii. Trudy LSGMI 61:132-138 '60.

MOLECULAR ASSOCIATION
Studies of the molecular interaction in solutions of polymers by their conversion to colloidal systems [with summary in English]. S. A. Glikman, E. P. Korchagina, L. L. Sev'iants. Vysokom. soed. 3 no. 3:353-358 Mr '61.

MOLECULAR BEAMS
Initiation of low temperature polymerization in systems obtained by the molecular beam method [with summary in English]. V A Kargin and others Vysokom. soed 3 no. 3 426-434 Mr '61.

MOLECULAR DYNAMICS
General theory of Van Der Waals forces. I. E. Dzialoshinskii, E. M Lifshits, L. P Pitaevskii. Usp. fiz nauk 73 no. 3:381-422 Mr '61.
Present-day theories of dipole polarization of condensed molecular systems. G P. Mikhailov, L. L. Burshtein Usp. fiz. nauk 74 no. 1 3-30 My '61

MOLECULAR SPECTRUM see Spectrum, Molecular

MOLECULAR THEORY
"Molecular physics" by I. V. Radchenko. Reviewed by B N. Finkel'shtein. Usp. fiz. nauk 73 no 3 583-584 Mr '61.

MOLECULAR WEIGHTS
Determination of the molecular weight of antibiotics by means of the isopiestic method [with summary in English] V. M Svetlaeva. Antibiotiki 5 no 3:63-68 My-Je '60.
Determination of the molecular weight of chelate polymers A P Terent'ev and others Dokl AN SSSR 130 no 6.1361-1361 Je '61
Inhomogeneity of cotton cellulose [with summary in English] T. I. Sushkevich, Kh. U Usmanov Vysokom soed. 3 no. 3:359-362 Mr '61.
Tensile strength of polymer fibers as a function of the shape of the molecular weight distribution [with summary in English]. L. G Gurvich. Vysokom. soed. 3 no 7.1062-1064 Jl '61.

MOLECULES
Absolute intensities of electron transitions in diatomic molecules. V. N Soshnikov Usp. fiz nauk 74 no. 1: 61-85 My '61.

MOLLESON, VLADISLAV STEPANOVICH, 1853-1899
V. S. Molleson; on the 106th anniversary of his birth. M Loktiukhova Trudy Kiakht muz kraeved. 17 no 1:117-120 '59

MOLLUSKS
(see also subdivision under Kura Lowland)
Feeding of carp on molluska [with summary in English]. G. I. Shpet Zool zhur 40 no 6:939-941 Je '61

MOLLUSKS, FOSSIL see subdivision under Lek-Yelets Valley

MOLODO VALLEY—GEOLOGY, STRATIGRAPHIC
Age of mesozoic deposits in basins of the Uauuku River and the lower course of the Molodo River (lower reaches of the Lena River) Z. V Koshelkina Inform. biul. NIIGA no. 16:35-40 '60.

MOLYBDENUM
Barkhausen effect in thin films of molybdenum and permalloy N. M Salanskii, A M Rodichev, M K Savchenko Izv. Sib. otd. AN SSSR no. 4 110-113 '61.
Determining molybdenum in plants by the neutron activation analysis A A Sobachkin, V. B Moglievkin, B. S. Prister Doklady TSKhA no 57-60-106 '60
Natanson, A. K., ed. [Molybdenum. Translated from the English] Molibden; sbornik. Moskva, Izd-vo inostr. lit-ry, 1959. 304 p. (Redkie metally)

MOLYBDENUM—METALLURGY
Effect of certain oxides on the recrystallization of molybdenum. D. A. Prokoshkin, Chzhan Shao-tszian [Chang Mao-chiung]. Metalloved. i term. obr. met. no. 3:9-11 Mr '61.
Operations and industrial achievements of a molybdenum plant V. K. Apollonov TSvet met 34 no 2 4-9 F '61

MOLYBDENUM-IRON ALLOYS see Iron-molybdenum alloys

MOLYBDENUM ORES
Method of determining microquantities of molybdenum in a superimposed salt halo [with summary in English]. A. D. Miller, A. A. Mokhov, L. V. Turyleva. Geokhimiia no 7 610-615 '61.

MOLYBDENUM-TITANIUM-VANADIUM ALLOYS see Titanium-vanadium-molybdenum alloys

MONASTERIES
Shadows of the past ("The kingdom of darkness and its servants" by S. Bylynets'. Reviewed by A. Fedorenko) Voiov ateist no. 3.62-63 Mr '61

MONEY
Mets, N. E. [Our ruble; historical study] Nash rubl'; istoricheskii ocherk. Moskva, Izd-vo sotsial'no-ekon. lit-ry Sotsekgiz, 1960. 98 p.
New Soviet ruble. V. Dutov. Tyl i snab. Sov Voor. Sil 21 no. 1,7-10 Ja '61.
Some problems in planning money circulation. S. Shteinshleiger. Den. i kred. 19 no. 6:14-23 Je '61.

MONGOLIA

Maslennikov, V. A. [Present-day Mongolia] Sovremennaia Mongoliia. Moskva, Gos. izd-vo polit. lit-ry, 1961. 77 p.

MONGOLIA —AGRICULTURE

On the steppes of Mongolia. N. Shimmel. Nov. vrem. 19 no. 27:20-21 Jl '61.

MONGOLIA —ECONOMIC CONDITIONS

The 40th anniversary of the national revolution in Mongolia. IU. TSedenbal. Kommunist 38 no 10,69-79 Jl '61

Report of the Central Committee of the Mongolian Peopole's-Revolutionary Party to its 14th Congress. IUmzhagain TSedenbal. Kommunist 38 no. 11 114-155 Jl '61.

With the name of Lenin in their hearts. L. TSend. Agitator no. 13:20-22 Jl '61

MONGOLIA —EDUCATION

The 40th anniversary of Mongolian schools. P. Makarov. Nar obr. no 7:98-100 Jl '61.

MONGOLIA —GEOLOGY, STRUCTURAL

Geomorphological bases for seismologic zoning of the Mongolian People's Republic. V A Aprodov Vop. geog. no. 52, 117-133 '61

Tectonics and basic features of the geological development of northeastern Mongolia [with summary in English]. A. Kh Ivanov. Sov. geol. 4 no. 5:39-58 My '61

MONGOLIA —HISTORY

Moscow. Institut mezhdunarodnykh otnoshenii. [Forty years of the people's Mongolia] 40 let Narodnoi Mongolii. Moskva, Izd-vo IMO, 1961. 165 p.

MONGOLIA —INDUSTRIES

Forty years of industrial development in Mongolia. B. Baiandalai. Nar. khoz. Kazakh. 19 no. 6 91-94 Je '61.

MONGOLIA —POLITICS AND GOVERNMENT

Report of the Central Committee of the Mongolian People's-Revolutionary Party to its 14th Congress. IUmzhagain TSedenbal. Kommunist 38 no. 11:114-155 Jl '61.

MONGOLIA —PLAGUE

"Plague in Mongolia" ("Izvestiia" of the Siberian and Far Eastern Plague Research Institute in Irkutsk, vol vol. 22). Reviewed by IU. M. Rail'. Zhur. mikrobiol. epid. i immun. 31 no. 11:159-162 N '60

MONGOLIA —RECLAMATION OF LAND

Results and principles of selecting virgin lands for cultivation in the Mongolian People's Republic. A. D. Kashanskii, I. IA Dantlov. Dokl. TSKhA no. 63 193-199 '61.

MONGOLIA —ROCKS, IGNEOUS

Mesozoic intrusions in eastern Mongolia. A. D. Kalenov Izv. vys ucheb zav., geol i razv. 4 no 2:41-52 F '61

MONGOLIA —WATER, UNDERGROUND

Hydrogeological conditions in the arid and semiarid zones of the Mongolian People's Republic. M. P. Zaparii. Izv. vys. ucheb zav., geol. i razv. 4 no. 4 86-95 Ap '61.

MONGOLIA, INNER—SALINE AND ALKALI SOILS

Slightly saline soils of mounds among the lake region Solonchaks of the Inner Mongolia of the Chinese People's Republic [with summary in English]. B. A. Zimovets. Pochvovedenie no. 4:91-95 Ap '61.

MONGOLIAN LANGUAGE—GRAMMAR

Orlovskaia, M. N. [Nouns and adjectives in the modern Mongolian language] Imena sushchestvitel'nye i prilagatel'nye v sovremennom mongol'skom iazyke. Moskva, Izd-vo vostochnoi lit-ry, 1961. 113 p.

MONILIASIS

Result of the use of nystatin in the treatment and prevention of Candida infections [with summary in English]. A. F. Bliuger, IA. L. Ul'manis. Antibiotiki 5 no. 3:98-102 My-Je '60.

MONOCHROMATORS

Simplified method for calculating monochromators with a flat diffractional grid. O. P. Sheikova. Svetotekhnika 7 no. 5:14-19 My '61.

MONTMORILLONITE

Sorption of cations and water in bentonite clays. Part 4: Sorption properties and microstructure of montmorillonite. M. V. Eirish. Izv. vys. ucheb. zav. ;khim. i khim. tekh. 4 no. 1:64-69 '61.

MOON

Results of the experimental investigation of the moon's radio emission in the four millimeter radio wave range [with summary in English]. A. G. Kislikov. Astron. zhur. 38 no. 3:561-563 My-Je '61.

MOPTI—DESCRIPTION

What we saw in Mopti, a city in the Mali Republic. Orest Mal'tsev. Nov. vrem. 18 no. 30:27-29 Jl '61.

MORACHEVSKII, IURII VITAL'EVICH, 1904-1961

IUrii Vital'evich Morachevskii. Zhur. anal. khim. 16 no. 3:380-381 My-Je '61.

MOROCCO—DESCRIPTION AND TRAVEL

Morocco today [with English summary in insert]. V. Katin. Az i Afr seg no 5:29-31 My '61

MOROCCO—ECONOMIC CONDITIONS

Morocco today [with English summary in insert]. V. Katin Az i Afr seg no 5,29-31 My '61.

MORPHINAN

Lemoran, an analgesic. G. S. Arutiunian. Med. prom. 15 no. 5:38-40 My '61.

Levallorphan, an antagonist of morphine and its synthetic substitutes. A. I. Polezhaeva. Med. prom. 15 no. 5:45-47 My '61.

MORPHOLOGY (ANIMALS)

Morphology of the spinal cord in mammals [with summary in English] Zh. Sadykov Zool zhur 40 no 6 900-904 Je '61

MORTAR

Leningrad construction sites deserve highly mechanized mortar and plaster plants. A. P Donskoi. Stroi i arkhit. Len. 23 no 5:31-32 My '61

MORTIFICATION (PATHOLOGY) see Gangrene

MOSAIC DISEASES

Preventive and therapeutic effect of some antibiotics and other substances in tobacco and tomato mosaic diseases [with summary in English]. A D Bobyi Dop AN URSR no. 5 678-682 '61.

MOSAICS see subdivision under Kiev

MOSCOW—AGRICULTURAL EXHIBITIONS

"Queen of fields" palace. G. Gruzdeva. Vokrug sveta no 7:28-29 Jl '61.

MOSCOW—AIR DEFENSES

Experience of the leaders should be available to the laggards. P. Grekhnev. Voen. znan. 37 no. 6:35 Je '61

MOSCOW—AMATEUR THEATRICALS

Guests from Novograd-Volynskiy. A IAkubovskii. Teatr 22 no 6 182-183 Je '61.

MOSCOW—ARCHAEOLOGICAL MUSEUMS AND COLLECTIONS

New addition to the museum attached to the Archaeology Department of the Historical Faculty of the Moscow University. G. F D. Sov. arkheol. 5 no 2:326 '61

MOSCOW—ARCHIVES—INVENTORIES, CALENDARS, ETC.

Russia (1923- U.S.S.R.) TSentral'nyi gosudarstvennyi arkhiv literatury i iskusstva SSSR. [Central State Archives of Literature and Art of the U.S.S.R. A guidebook; art] Putevoditel', iskusstvo. Moskva, 1959. 444 p.

MOSCOW—AUTOMOBILE INDUSTRY

Organization of intrashop mechanical transportation in connection with the reorganization of the pressing shop wing of the Likhachev Automobile Plant. G. N. Rovinskii. Avt. prom. 27 no. 6:1-5 Je '61

Standard automatic line for assembling and part machining of connecting rods for automobile engines E. A. Bleshtein, F. N. Kolesnikov. Biul. tekh. -ekon. inform. no. 6:18-20 '61.

Standardization at the Moscow Automobile Plant. V. V. Fokin Standartizatsiia 25 no. 6:48-50 Je '61.

MOSCOW—AUTOMOBILE INDUSTRY—ACCOUNTING

Intrafactory business accounting and ways of lowering unit costs. S. Protserov. Plan. khoz. 38 no. 7:78-82 Jl '61.

MOSCOW—AUTOMOBILE INDUSTRY—PRODUCTION STANDARDS

Effect of labor turnover on production. E. Vorob'ev. Biul. nauch. inform. trud i zar. plata 4 no. 6:26-29 '61.

MOSCOW—BATHROOMS

Prefabricated bathroom units for series II-32 apartment houses. V. Shevchenko, V. Rylio, F. Itsigson. Stroi. i arkhit. Mosk. 10 no. 4:24-27 Ap '61.

MOSCOW—BEARING INDUSTRY

Educational significance of collective forms of wage payment. M. Baradanov, P. Semenets. Sots. trud 5 no. 12,116-121 D '60.

MOSCOW—BIBLIOGRAPHICAL EXHIBITIONS

[Old Czech literature; Exhibit of Monuments of Czech Literature from the 9th to the 20th Century, Moscow, October-November 1959] Drevnecheskaia literatura; Vystavka pamiatnikov cheshskoi pis'mennosti s IX veka do nachala XIX stoletiia, Moskva, oktiabr'-noiabr 1959. Moskva, M-vo kul'tury SSSR, [n. d.] 87 p. illus.

MOSCOW—BOOKSTORES

[Bookstores in Moscow; a reference book for customers] Knizhnye magaziny Moskvy; spravochnik dlia pokupatelei. Moskva, Izd-vo Vses. knizhnoi palaty, 1961. 181 p.

MOSCOW—BUILDING MATERIALS INDUSTRY

In support of high-level factory finishing of structural elements and parts Stroi mat 7 no. 5 2 of cover My '61.

MOSCOW—BUILDINGS, PREFABRICATED

Built-in equipment for apartments in completely precast buildings. O. Bykovskii. Stroi. i arkhit. Mosk. 10 no. 4:31-34 Ap '61.

MOSCOW—CABLES

These walls once had life P. Volin. Novyi mir 37 no. 7 237-246 Jl '61.

MOSCOW—CERAMIC INDUSTRIES

A factory is renovated. Na stroi. Ros. no. 3:3 of cover Mr '61.

MOSCOW—CHILDREN'S CLUBS

Club of young naturalists in a zoological park. E. Evstafiev. Nar obr. no 7:122 Jl '61.

MOSCOW—CHILDREN'S PLAYS

Bread as well as love. . . , but fantasy? I. Vasilinina. Teatr 22 no. 6 71-76 Je '61

"Ramayana." Z. Volnova. Teatr 22 no. 6:138-140 Je '61

MOSCOW—CITY PLANNING

Commerce and transportation. IA. V. Kosiiskii. Gor. khoz. Mosk. 35 no. 5:13-16 My '61

Geographical analysis of materials on planning and building in Moscow during the postwar years, 1945-1957 IU. G. Saushkin. Vop. geog. no. 51:176-181 '61.

Greater Moscow. Vop. geog. no. 51:3-4 '61.

Novyye Cheremushki, block no. 10. G. Pavlov. Stroi. i arkhit. Mosk. 10 no. 4:4-11 Ap '61.

Planning and building the northeastern part of Severnoye Izmaylovo. V. V. Mel'nikov. Gor. khoz. Mosk 35 no. 5 7-10 My '61.

Principles of population distribution. V. Shkvarikov, M. Khauke. Stroi. i arkhit. Mosk. 10 no. 4:2-3 Ap '61.

Problems in building greater Moscow. V. N. Simbirtsev. Gor. khoz. Mosk 35 no. 5:11-13 My '61.

Results of a competition in planning an experimental residential district for southwestern Moscow. S. Khirev. Zhil. stroi. no. 5:3 of cover My '61.

Third suburban micro-district of a satellite city. Stroi. i arkhit. Mosk. 10 no. 4:3 of cover Ap '61.

MOSCOW—CITY PLANNING—CONGRESSES

Eighth Moscow Conference of Architects. Arkhit. SSSR no. 5:4 '61.

MOSCOW—CLOCKMAKING AND WATCHMAKING

Perfect organization of production and modern technological innovations. A. N. Kolominov, L. M. Sergeev. Mashinostroitel' no. 6:30-32 Je '61.

MOSCOW—COMMUNIST PARTY OF THE SOVIET UNION

"The heroic city of Moscow; military and organizational work of the Moscow party organization during the heroic Battle of Moscow, 1941-1942" by V. P. Tsygankov. Reviewed by V. V. Kutuzov. Vop. ist. no. 6:125-127 Je '61.

The Moscow party organization during the defense of our capital city. A. B. Gromov. Vop. ist. KPSS 5 no 3: 25-39 '61.

MOSCOW—CONSTRUCTION INDUSTRY

All efforts must be devoted to fulfilling the annual plan! Stroi. i arkhit. Mosk. 10 no. 4:1 Ap '61.

Housing Construction Combine of the Chief Moscow Construction Trust. Stroi. i arkhit. Mosk. 10 no. 4:3 of cover Ap '61.

A housing construction giant. B. Egorova. Na stroi. Ros. no. 2:2 of cover F '61.

Improvement of facilities in the capital deserves our unremitting attention. S. S. Tikhomirov. Gor. khoz. Mosk. 35 no. 5:1-4 My '61.

Mixed brigades in construction. I. Chernenzon. Sots. trud 6 no. 5:53-57 My '61.

MOSCOW—CONSTRUCTION INDUSTRY—COSTS

Balikhin, M. I. [Potentials for lowering the net cost of construction; from the experience of building organizations of the Main Division for Housing and Public Construction in the City of Moscow] Rezervy snizhenita stoimosti stroitel'stva; iz opyta raboty stroitel'nykh organizatsiia Glavmosstroia. [Moskva] Mosk. rabochii, 1961. 71 p.

MOSCOW—ENGINEERING—STUDY AND TEACHING

Let's support the initiative of institutions of higher learning; interview with N. A. Strel'chuk, director of the Moscow Institute of Engineering and Construction. Vest. vys. shkoly 19 no. 6-14-17 Je '61.

Training of an engineer does not tolerate stereotypes; interview with L. P. Lazarev, director of the Moscow Higher Technical School. Vest. vys. shkoly 19 no. 6-18-20 Je '61.

MOSCOW—EXHIBITION BUILDINGS

Pavilions for the English and French exhibits in Moscow. B. Vilenskii. Na stroi. Ros. no. 3 3 of cover D '60

MOSCOW—EXHIBITIONS

Exhibitions of Italian children's literature. O. Smekalina. Nar. obr. no. 6:122 Je '61.

From the Exhibition of the Achievements of the National Economy of the U S S R G U Dashevskaia Metalloved. i term obr. met no 7:58-61 Jl '61

Merchant marine at the Exhibition of the Achievements of the National Economy of the U. S. S R in 1961 Mor flot 21 no 6:45 Je '61.

New exhibition pavilions in Sokol'niki Arkhit SSSR no. 5, 63-64 '61.

New features in the Kazakh Pavilion at the Exhibition of the Achievements of the National Economy of the U.S S R Nar. khoz. Kazakh. 19 no. 6:05 Je '61.

People are the creators of the beautiful Sov. profsoiuzy 17 no 12 28-29 Je '61

Rewards for participation in the Exhibition of the Achievements of the National Economy of the U S S R Mor flot 21 no. 6:45 Je '61.

MOSCOW—FEBRUARY REVOLUTION, 1917

The Bolshevik Group of the Moscow Duma in 1917. V. V. Demidov. Vop. ist KPSS 5 no 3:127-137 '61.

MOSCOW—FOUNDRIES

Let us talk about honesty V Boldyrev. Sov profsoiuzy 17 no.12 30-31 Je '61

MOSCOW—GAS PIPES

Expediency of laying gas pipes in common urban utility conduits. S. A Marshak. Gor. khoz. Mosk 35 no. 5: 28-30 My '61.

MOSCOW—GEOGRAPHICAL SOCIETIES

Operation report of the Moscow Branch of the Geographical Society of the U. S. S. R. for the 1958. IU. K. Efremov. Vop. geog. no. 51:198-220 '61.

MOSCOW—GEOLOGY—STUDY AND TEACHING

Department of Geology and Hydrogeology of the Timiriazev Agricultural Academy. M. P. Tolstoi. Izv vys. ucheb zav., geol i razv. 4 no 5 102-103 My '61.

MOSCOW—HOSPITALS

Fedor Aleksandrovich Get'e; on the 50th anniversary of the S P Botkin Moscow City Clinical Hospital. A.N.Shabanov Sov med. 25 no. 5:154-157 My '61.

MOSCOW—HOTELS, TAVERNS, ETC.

New hotel in Moscow. Na stroi. Ros. no. 3:31-32 D '60.

"Sputnik" hotel. A. Arkad'ev. IUn. tekh. 5 no. 3:11-12 Mr '61.

MOSCOW—HOUSING

Housing in Moscow in the third year of the seven-year plan. D. Smirnov Zhil. -kom. khoz. 11 no. 4:5-6 Ap '61

MOSCOW—HOUSING MANAGEMENT

United council acts. A. Novochadov. Zhil. -kom. khoz. 11 no. 4:23 Ap '61.

MOSCOW—INDUSTRIES

Moscow industries. D. A. Skobeev. Vop. geog. no. 51:58-75 '61.

MOSCOW—LIQUOR INDUSTRY

Expanding the scope of socialist competition. V. V. Kolondo. Spirt. prom. 27 no. 4:5-6 '61.

MOSCOW—MACHINE TOOL INDUSTRY

Workers of "Krasnyi Proletarii" welcome you. I Penchenko Vsem. prof dvizh no. 5 49-50 My '61.

MOSCOW—MACHINERY INDUSTRY WORKERS—EDUCATION AND TRAINING

Our study groups. A. Kudina, S. Pevzner. Komsom. zhizn' no. 2:11-13 Ja '60.

MOSCOW—MANUSCRIPTS, TURKIC

Nadzhip, E. [The 16th century dated Turkic manuscript "Sirāj al-qulūb" from the U. S. S. R. Central Archives in Moscow] Datirovannaia tiurkoiazychnaia rukopis' XVI veka "Sirāj al-qulūb" iz TSentral'nogo gosudarstvennogo arkhiva SSSR v Moskve. Moskva, Izd-vo vostochnoi lit-ry, 1960. 10 p.

MOSCOW—MATHEMATICAL SOCIETIES

Sessions of the Moscow Mathematical Society. Usp. mat. nauk 16 no. 1:189-191 Ja-F '61.

MOSCOW—MEDICAL COLLEGES

Arkhangel'skaia, L. N., and others. [They serve the motherland; tenth anniversary of the graduation of physicians at the I. M. Sechenov First Moscow Medical Institute in 1949] Oni sluzhat Rodine; k 10-letiiu vypuska vrachei 1-go MOLMI imeni I. M. Sechenova 1949 g. Moskva, 1960. 81 p.

MOSCOW—METALLURGICAL PLANTS

"Serp i Molot" plant. M. Ul'chieva. Metallurg 6 no. 7: 35-36 Jl '61.

MOSCOW—MILITARY EDUCATION

Inheritors of glorious traditions. N. Lanin. Sov. voin 43 no. 7 5-7 Ap '61.

Oldest forge of officer cadres. A. Lobachev. Voen. znan. 37 no. 6 12-13 Je '61.

MOSCOW—MOTION-PICTURE FESTIVALS

Arthur Watkins on the Moscow Film Festival Nov vrem 19 no 29 16 Jl '61

International film festival in Moscow. A. Slavnov. Nov. vrem. 19 no. 26-24-25 Je '61.

Noble motto Nov. vrem. 19 no 29-3 Jl '61

MOSCOW—MUNICIPAL SERVICES

In celebration of the 22d Congress of the CPSU Gor. khoz Mosk 35 no. 5:5-6 My '61

MOSCOW—NOISE

Studies on the level of noise in residential buildings in Moscow. S. P. Alekseev. Gig. i san. 26 no. 1:69-72 Ja '61.

Studying the noise of urban passenger transportation S D. Kovrigin, G. L. Osipov, E. K. Medvedev. Gor. khoz. Mosk. 35 no. 5, 31-32 My '61

MOSCOW—PARQUET FLOORS

Floors made of parquet slabs. Kh. Aronov. Stroi. i arkhit. Mosk. 10 no. 4:29-31 Ap '61.

MOSCOW—PHARMACOLOGICAL SOCIETIES

Moscow Pharmacological Society and the pharmacology section of the Moscow Physiological Society. Z. T. Samoilova. Farm. i toks. 24 no. 2:251-252 Mr-Ap '61.

MOSCOW—PHYSICAL GEOGRAPHY

Quaternary changes in relief as exemplified by Moscow F. V. Kotlov Vop. geog. no. 52 134-150 '61.

MOSCOW—POLITICS AND GOVERNMENT

Advice for the deputies of the Moscow municipal and district councils. Gor. khoz. Mosk. 35 no. 5:41-47 My '61.

MOSCOW—POSTAL SERVICE—BUILDINGS

Major post office. Na stroi. Ros. no. 3:2 of cover Mr '61.

MOSCOW—PRINTING PLANTS

Industrial annex of the "Pravda" Combine E. Nenagliadov, IA. Leshchiner. Na stroi. Ros. no. 3:28-31 Mr '61.

MOSCOW—PUPPETS AND PUPPET PLAYS

"King frog." Ol'ga Pyzhova Teatr 22 no. 6:142-144 Je '61.

MOSCOW—RAILROAD RESEARCH

Time demands it. A. Nikolaev. Vest. vys. shkoly 10 no. 6 10-14 Je '61

MOSCOW—RAILROADS—TIMETABLES

[Suburban timetables: Moscow-Borodino, Moscow Railroad; summer 1961] Raspisanie dvizhenita prigorodnykh poezdov: Moskva - Borodino, Moskovskoi zh. d.; leto 1961 g. [Moskva] Transzheldorizdat, [1961] 63 p.

[Suburban timetables: Moscow-Dmitrov-Dubna, Savelov Line of the Moscow Railroad; summer 1961] Raspisanie dvizhenita prigorodnykh poezdov. Moskva - Dmitrov - Dubna, Savelovskaia liniia Moskovskoi zh. d.; leto 1961 g. [Moskva] Transzheldorizdat [1961] 44 p.

[Suburban timetables: Moscow-Kashira-Ozherel'ye, Moscow Railroad; summer 1961] Raspisanie dvizhenita prigorodnykh poezdov: Moskva - Kashira - Ozherel'e, Moskovskoi zh. d.; leto 1961 g. [Moskva] Transzheldorizdat [1961] 62 p.

[Suburban timetables: Moscow-Monino-Zagorsk, Moscow Railroad; summer 1961] Raspisanie dvizhenita prigorodnykh poezdov: Moskva - Monino - Zagorsk, Moskovskaia zh. d.; leto 1961 g. [Moskva] Transzheldorizdat [1961] 125 p.

[Suburban timetables: Moscow-Noginsk-Petushki, Moscow Railroad; summer 1961] Raspisanie dvizhenita prigorodnykh poezdov. Moskva - Noginsk - Petushki, Moskovskoi zh. d.; leto 1961 g. [Moskva] Transzheldorizdat [1961] 77 p.

[Suburban timetables: Moscow-Podol'sk-Serpukhov, Moscow Railroad; summer 1961] Raspisanie dvizhenita prigorodnykh poezdov: Moskva - Podol'sk - Serpukhov, Moskovskoi zh. d.; leto 1961 g. [Moskva] Transzheldorizdat [1961] 84 p.

[Suburban timetables: Moscow-Ramenskoe-Golutvin, Moscow-Kurovskaya-Cherusti, Moscow Railroad; summer 1961] Raspisanie dvizhenita prigorodnykh poezdov: Moskva - Ramenskoe - Golutvin, Moskva - Kurovskaia - Cherusti, Moskovskoi zh. d.; leto 1961 g. [Moskva] Transzheldorizdat, [1961] 92 p.

[Suburban timetables: Moscow-Volokolamsk, Moscow Railroad; summer 1961] Raspisanie dvizhenita prigorodnykh poezdov: Moskva - Volokolamsk, Moskovskoi zh. d.; leto 1961 g. [Moskva] Transzheldorizdat, [1961] 44 p.

MOSCOW—RECREATION AREAS

Organizing workers' recreation. Gor. khoz. Mosk. 35 no. 5:48 My '61.

MOSCOW—RECREATION CENTERS

Pioneers' Palace in Lenin Hills. I. Pokrovskii, M. Khazhakian. Stroi. i arkhit. Mosk. 10 no. 4:20-23 Ap '61.

MOSCOW—REFUSE AND REFUSE DISPOSAL

Sanitary evaluation of the garbage and trash removal system of Stalin District, Moscow. B. A. Danilovich. Gig. i san. 26 no. 1:79-81 Ja '61.

MOSCOW—REINFORCED CONCRETE

What specialization in the enterprises achieved. V. Ostashevskii. Na stroi. Ros. no. 3 14-16 D '60

MOSCOW—RUBBER INDUSTRY

Ways of reducing the labor expended in moving loads in rubber industry plants A. Myshkis Biul nauch inform trud i zar. plata 4 no 4 13-18 '61

MOSCOW—RUBBER INDUSTRY—EQUIPMENT AND SUPPLIES

Level of technological processes at the "Kauchuk" Factory. S. U. Troianker. Kauch i rez. 20 no. 6, 49-50 Je '61.

MOSCOW—RUBBER INDUSTRY—TECHNOLOGICAL INNOVATIONS

Efficiency promoters are shock workers of communist labor. G. Porozhenko Izobr. i rats. no 6:1-3 Je '61.

MOSCOW—RUSSIAN SOCIAL DEMOCRATIC PARTY

The Bolshevik Group of the Moscow Duma in 1917. V. V. Demidov Vop. ist KPSS 5 no 3:127-137 '61.

MOSCOW—SEWERAGE

Developing water supply and sewage systems for greater Moscow. M. P. Sergeev. Gor. khoz. Mosk. 35 no. 5: 16-19 My '61.

MOSCOW—SMALLPOX

Conference on the results of the elimination of a localized outbreak of smallpox in Moscow in 1960. V. A. Zuev. Zhur. mikrobiol. epid i immun. 32 no 4:153-154 Ap '61.

MOSCOW—SMOG

Effect of smog in the air on landscape plantings. P. I. Zhokhov and others. Gor. khoz. Mosk. 35 no. 5:19-21 My '61.

MOSCOW—SPORTS

Seventh All-Union Trade Union Spartakiada. IUr. Van'iat. Sov. profsoiuzy 17 no 12 44-46 Je '61.

MOSCOW—STREETS

Moskovskaia gorodskaia spravochno-informatsionnaia kontora "Mosgorspravka." Moscow. [Streets of Greater Moscow; a guide. As of February 10, 1961] Ulitsy Bol'shoi Moskvy; spravochnik. Po sostoianiiu na 10 fevralia 1961 g. [Moskva] Mosk. rabochii, 1961. 551 p.

MOSCOW—SUBWAYS

Ways of improving the capacity of the subway. D. S. Samotilov, I. M. IAkushkin. Gor. khoz. Mosk 35 no. 5: 25-27 My '61.

MOSCOW—TELEGRAPH

Businesslike attitude is the main thing. Sov. profsoiuzy 17 no. 12:27 Je '61

MOSCOW—TEXTILE INDUSTRY

For the honor of the trade mark. N. Kishkin. Agitator no. 7:33-35 Ap '61.

MOSCOW—THEATER

[Theatrical Moscow.] Teatr. Moskva no. 20/a My '61.

MOSCOW—THEATER, OPEN-AIR

Gor'kii dreamed about this. B. Glan. Teatr 22 no. 6: 111-113 Je '61.

MOSCOW—THEATERS—CONSTRUCTION

Improving the construction of theatres. Stroi. i arkhit. Mosk. 10 no. 4:3 of cover Ap '61.

MOSCOW—TRAFFIC SIGNS AND SIGNALS

Automatic traffic light. Zhil. -kom. khoz. 11 no. 4:3 of cover Ap '61.

MOSCOW—TROLLEY BUSES—MAINTENANCE AND REPAIR

New developments in the preventive repair of trolley buses. N. Rubinskii, V. Spiskov. Zhil. -kom. khoz 11 no. 4:17-21 Ap '61.

MOSCOW—TUNNELS

Transportation tunnels and pedestrian underpasses. Stroi. i arkhit. Mosk. 10 no. 4:3 of cover Ap '61.

MOSCOW—TYPEWRITERS

Suvorova, A. V. [Personal guarantee of a worker] Lichnaia garantiia rabochego. [Moskva] Mosk. rabochii, 1961. 40 p. (Novatory semiletki)

MOSCOW—UNDERPASSES

Transportation tunnels and pedestrian underpasses. Stroi. i arkhit. Mosk. 10 no. 4:3 of cover Ap '61.

MOSCOW—WAGTAILS

A case of insecticide poisoning of the pied wagtail at the Botanical Garden N V Bel'skii Ornitologiia no 3 431-435 '60

MOSCOW—WATER BIRDS

Keeping birds in the water basins of Moscow A A Kaletskii Ornitologiia no 3 420-424 '60

MOSCOW—WATER-SUPPLY ENGINEERING

Developing water supply and sewage systems for greater Moscow M. P. Sergeev Gor khoz. Mosk. 35 no. 5 16-19 My '61

MOSCOW—WOOD-USING INDUSTRIES

Wood from deciduous trees should be used in construction. Strol. i arkhit. Mosk. 10 no. 4:3 of cover Ap '61.

MOSCOW, BATTLE OF, 1941-1942

"The heroic city of Moscow, military and organizational work of the Moscow party organization during the heroic Battle of Moscow, 1941-1942" by V P TSygankov Reviewed by V V Kutuzov Vop ist no 6-125-127 Je '61

The Moscow party organization during the defense of our capital city. A B Gromov Vop ist KPSS 5 no 3 25-39 '61

MOSCOW CANAL—DESCRIPTION AND TRAVEL

Kitaeva, G. V., and K. A. Ivanov. [Moscow - Astrakhan; a guidebook] Moskva - Astrakhan'; putevoditel', [Moskva] Izd-vo VTsSPS Profizdat, 1961. 101 p.

MOSCOW PROVINCE—BRICK INDUSTRY

Brick factories are changing to a production of efficient materials. I Gvozdarev, N. Dikerman. Na stroi Ros no. 3:4-6 Mr '61.

MOSCOW PROVINCE—CHILDREN'S PLAYS

Children in our theater. O. Fototskii Teatr 2 no. 6: 163 Je '61.

MOSCOW PROVINCE—CITIES AND TOWNS

Historical geography features of Moscow Province cities. G. M Lappo Vop. geog. no. 51, 27-51 '61.

MOSCOW PROVINCE—COMBINES (AGRICULTURAL MACHINERY)

Modification of the KKR-2 combine in Moscow Province. IU Sukhov. Tekh. v sel'khoz 21 no. 6 60-62 Je '61.

MOSCOW PROVINCE—CORN (MAIZE)—DISEASES AND PESTS

Loose smut of corn in Moscow Province. N. P. IAkovleva. Dokl. TSKhA no. 59:189-195 '60.

MOSCOW PROVINCE—CURRANTS

Special aspects of frost injuries to black currants and gooseberries in Moscow Province A. S. Ravkin. Dokl. TSKhA no. 59:39-45 '60

MOSCOW PROVINCE—DAIRY BARNS

Hygienic evaluation of the loose maintenance of young cattle on the "Kolomenskii" State Farm in Moscow Province N P Militsin, M. IA Kireeva. Dokl TSKhA no 61 187-192 '61

MOSCOW PROVINCE—ECONOMIC GEOGRAPHY

Economic-geographical regionalization of Moscow Province. A. A. Mints. Vop. geog. no. 51 20-26 '61.

MOSCOW PROVINCE—EVENING AND CONTINUATION SCHOOLS

With the aid of the community. G. Buzin. Komsom. zhizn' no 23 12-15 D '59.

MOSCOW PROVINCE—FEEDS

Postharvest and stubble crops as an additional source of feeds in Moscow Province. V. D Darkhanov Dokl TSKhA no 63.87-92 '61.

MOSCOW PROVINCE—FIELD CROPS—FERTILIZERS AND MANURES

Effectiveness of trace element fertilizers in Moscow Province. A. V. Peterburgskii, G L. Nelliubova Dokl. TSKhA no 64 41-47 '61.

MOSCOW PROVINCE—FIRES AND FIRE PREVENTION

Volunteer firemen of the capital's province. D. Anosov. Pozh. delo 7 no. 6:6 Je '61.

MOSCOW PROVINCE—FISH CULTURE

A fish farm in the Moscow area Ryb khoz. 37 no 5: 44-53 '61.

MOSCOW PROVINCE—GEOGRAPHICAL MUSEUMS

Forty years of the regional study in Moscow Province. I. S IUn'ev. Vop. geog. no. 51:169-175 '61.

MOSCOW PROVINCE—GEOGRAPHY

Review of operations of the Committee on the Geography of Moscow and Moscow Province, 1949-1959. G. P. Bogoiavlenskii. Vop. geog. no. 51.194-197 '61.

MOSCOW PROVINCE—GOOSEBERRIES

Special aspects of frost injuries to black currants and gooseberries in Moscow Province. A. S. Ravkin Dokl. TSKhA no. 59:39-45 '60.

MOSCOW PROVINCE—GRAIN

Bardeeva, A. S. [Let us restore the former glory] Vozrodim bylulu slavu [Moskva] Mosk. rabochii, 1961. 22 p. (Luidi, dela, plany)

MOSCOW PROVINCE—JOURNALISM, AGRICULTURAL

Creative collaboration. T. A. Benevolenskaia Vest. Mosk un Ser 7 Filol , zhur 16 no 3 76-78 My-Je '61

MOSCOW PROVINCE—MACHINERY INDUSTRY—TECHNOLOGICAL INNOVATIONS

Mechanization and automation of casting processes in machinery plants of the Moscow Province Economic Council I V Gellert. Biul tekh -ekon. inform. no 5 81-82 '61

MOSCOW PROVINCE—MEDICAL CARE

Specialized care in rural district hospitals [with summary in English] K N Kholod Sov zdrav 19 no 3 16-20 '60

MOSCOW PROVINCE—METALLURGICAL PLANTS

"Lepse" plant. B Chusov Metallurg 6 no. 7:35-36 Jl '61.

MOSCOW PROVINCE—NATURE STUDY

Forty years of the regional study in Moscow Province. I. S IUn'ev. Vop geog. no 51 169-175 '61.

MOSCOW PROVINCE—PEAT BOGS

Peat resources of Moscow Province and their economic significance. S. I. Perlin. Vop geog. no 51 76-84 '61.

MOSCOW PROVINCE—PODZOL

Hydro-physical properties and moisture of turf-Podzolic soils in the southern part of Moscow Province N N Nikol'skii, E F. Dul'beeva. Dokl TSKhA no 63 105-111 '61.

MOSCOW PROVINCE—PHENOLOGY—STUDY AND TEACHING

Developing the phenological observations in Moscow Province G. A Remizov. Vop geog. no 51:164-168 '61.

MOSCOW PROVINCE—PHYSICAL GEOGRAPHY

Natural-geographical regions of Moscow Province. N. A. Solntsev. Vop geog no. 51.5-19 '61

MOSCOW PROVINCE—REFRACTORIES INDUSTRY—QUALITY CONTROL

"Control and responsibility for production quality " M Amel'chenko Sots. trud 6 no 5 111-113 My '61.

MOSCOW PROVINCE—STEEL INDUSTRY—QUALITY CONTROL

"Control and responsibility for production quality " M Amel'chenko Sots trud 6 no 5 111-113 My '61.

MOSCOW PROVINCE—SWINE HOUSES AND EQUIPMENT

Hygienic evaluation of swine houses with electrically heated floors under conditions prevailing in Moscow Province Dokl TSKhA no 61 175-179 '61.

MOSCOW PROVINCE—TECHNICAL EDUCATION

[Where to study; handbook for students entering secondary specialized schools (technical schools) of Moscow and Moscow Province in 1961] Kuda poiti uchit'sia, spravochnik dlia postupaiushchikh v srednie spetsial'nye uchebnye zavedeniia (tekhnikumy, uchilishcha, shkoly) Moskvy i Moskovskoi oblasti v 1961 godu. [Moskva] Izd-vo "Moskovskaia pravda" Vol.15. 1961. 127 p.

MOSCOW PROVINCE—TITMICE

Ecology of the crested titmouse and its significance for forest protection in Moscow Province A. A. Inozemtsev. Ornitologiia no 3 146-160 '60.

MOSCOW REGION—GEOLOGY, STRATIGRAPHIC—QUATERNARY

Quaternary depositions (soil forming and underlying rocks) of the orchard of the Exhibition of Achievements of the Soviet National Economy N N Lashchikhin Dokl TSKhA no. 63 187-192 '61

MOSCOW REGION—GEOLOGY, STRUCTURAL

Tectonic factors of the relief formation in the area south of Moscow. V. A. Aprodov. Vop. geog. no. 51.85-98 '61.

MOSCOW REGION—SOILS

Quaternary depositions (soil forming and underlying rocks) of the orchard of the Exhibition of Achievements of the Soviet National Economy. N. N. Lashchikhin Dokl. TSKhA no 63 187-192 '61

MOSCOW REGION—WIRE BROADCASTING

Contribution of wire broadcasting workers to greater Moscow. Vest. sviazi 21 no 5:13 My '61.

MOSCOW UNIVERSITY

Regional catalogs in the catalog system of the A. M. Gorkii Library of Moscow University (in Lenin Hills) V. L. Birzovich. Bibliot. SSSR no. 16 84-92 '61.

MOSCOW UNIVERSITY—ENTRANCE REQUIREMENTS

Moscow, Universitet. [Handbook for students registering with the Moscow State University] Spravochnik dlia postupaiushchikh v MGU. Pod red. K. I. Ivanova. [Moskva] 1961. 173 p.

MOSKVA VALLEY—SOILS

Agrochemical characteristics of the Moskva River flood land [with summary in English]. L. I. Korablева. Pochvovedenie no. 4:30-39 Ap '61.

MOSQUITOES—LARVAE

Materials on the developmental ecology of bloodsucking mosquitoes. Report No 6 Feeding conditions and mouth parts in larvae of mosquitoes of the Culiseta group [with summary in English] A V Maslov Zool zhur. 40 no 6 865-872 Je '61

MOSSES

Significance of the photosynthesis of temporarily flooded plants of common haircap moss and sphagnum in forests and clearings. A V. Veretennikov. Dokl. AN SSSR 139 no. 6:1467-1469 Je '61.

MOTHS—BIOLOGICAL CONTROL see subdivision under Khamar-Daban Range

MOTION

Resistance to motion in some cases of free rolling. S. V. Pinegin, A V. Orlov Izv AN SSSR. Otd tekh nauk Mekh. i mashinostr. no 3,91-97 My-Je '61.

Some basic dependences in the intermittent-motion mechanics and their use in the design of machinery. S. I Artobolevskii. Trudy Inst. mash. Sem. po teor. mash. 21 no. 83-81 29-40 '61.

MOTION-PICTURE FESTIVALS see subdivision under Moscow

MOTION-PICTURE FILM COLLECTIONS

Kuzin, A. A. [Motion-picture, photographic, and sound-recording archives; a textbook] Kino-foto-fonoarkhivy, uchebnoe posobie. Pod red. K. G. Mitiaeva. Moskva, Mosk. gos. istoriko-arkhiv. in-t, 1960. 263 p.

MOTION-PICTURE INDUSTRY see subdivision under Cuba

MOTION-PICTURE PHOTOGRAPHY

Using high-speed motion-picture photography for investigating the performance of agricultural machinery. V. I. Formin, B. I. Zhuravlev, E. I. Bazhenov. Trakt. i sel'khozmash. 31 no. 6:35-36 Je '61.

MOTION-PICTURE PLAYS

Who is to blame? IUrii Bohun. Voiov aleist no 2:53-54 F '61.

MOTION PICTURES

(see also subdivision under Azerbaijan; White Russia)

An epic of heroism. N. Balashova. Sov. voin 43 no. 9: 44 My '61.

MOTION PICTURES, DOCUMENTARY

"First trip to the stara, " V. Izmailov. Nov. vrem. 19 no 30:30-31 Jl '61.

Leningrad firemen on film. S. Zaslavskii. Pozh. delo 7 no. 6:9-10 Je '61.

Motion picture filmed in secret. Az. i Afr. seg. no. 3: 44-46 Mr '61.

MOTION PICTURES IN HEALTH EDUCATION

Protect your feet. V. IA. Lagutina. Zdorovie 7 no 7:32 Jl '61.

MOTION PICTURES IN INDUSTRY

New films. Sel', stroi. 16 no. 5:20 My '61.

MOTION PICTURES IN MINING

Using high-speed motion picture photography studying the impact action on rocks N. I. Kulichikhin and others Izv. vyn ucheb. zav., geol. i razv 4 no. 4 126-130 Ap '61

MOTION STUDY

Manifestation of individual peculiarities in man by the speed of his movements [with summary in English] E. Geron. Vop psikhol. 7 no. 2 51-60 Mr-Ap '61

MOTOR ABILITY

Psychological peculiarities of motor skills and their significance in learning and athletic training P A Rudik Probl. psikhol sporta no 1:27-38 '60.

MOTOR SCOOTERS

TSentral'naia stantsiia iunykh tekhnikov, Moscow. [Homemade miniature motor scooter] Samodel'nyi mikromotoroller. [Moskva] Izd-vo "Detskii mir" M-va kul'tury RSFSR [1961] 1 fold. l. (Prilozhenie k zhurnalu "IUnyi tekhnik," no. 13(103))

MOTOR VEHICLES

Dvali, R. R. [Studies in the theory of motor vehicles] Issledovaniia po teorii avtomobilia. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, Pt. 1. 1961. 81 p.

Kugel', R. V. [Life expectancy of motor vehicles] Dolgovechnost' avtomobilei. Pod red. A. A. Lipgarta. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 431 p.

MOTOR VEHICLES—BODIES

Electrostatic percussion welding of the frame for two-passenger seats of the PAZ-651 motorbus M M Novo-kreschchenov, L I Podvol'skii Avt prom 27 no 6 35-36 Je '61

MOTOR VEHICLES—COLD WEATHER OPERATION

Petrovskii, D. V., and IU. K. Goncharuk, [Operating motor vehicles in the Far North] Ekspluatatsiia avtomobilei na Krainem Severe, Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1960. 55 p.

MOTOR VEHICLES—DESIGN AND CONSTRUCTION

Design for strength of the support frame rods for van bodies M. B. Shkol'nikov Avt prom 27 no. 6 5 9 Je '61

Problems in automobile frame design for torque I. I Deutsch. Avtp. rom 27 no 6-29-31 Je '61.

MOTOR VEHICLES—DYNAMICS

Methods of studying the effect of road conditions on the speed performance of motor vehicles with high roadability. V P. Gribanov Avt. prom 27 no 6,10 11 Je '61

MOTOR VEHICLES—ENGINES

Gaenko, L. M. [Running-in and testing repaired motor-vehicle engines] Priirabotka i ispytanie avtomobil'nykh dvigatelei posle remonta. Moskva, Avtotransizdat, 1961. 37 p.

MOTOR VEHICLES—ENGINES—COOLING

Efficient cooling system for internal combustion engines. V. I Bel'skikh. Avt prom. 27 no. 6 14-17 Je '61

MOTOR VEHICLES—ENGINES—TECHNOLOGICAL INNOVATIONS

"Approve but do not introduce." I. Brudno, V. Polushkin. Izobr. i rats. no. 7 5 Jl '61.

MOTOR VEHICLES—IGNITION

Minkin, M. L. [Starting devices for motor-vehicle engines] Puskovye ustroistva avtomobil'nykh dvigatelei. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 138 p.

MOTOR VEHICLES—SPRINGS

"Motor vehicle suspension system and its vibrations" by R V. Rotenberg. Reviewed by N N IAtsenko Avt prom 27 no 6 47 Je '61

MOTOR VEHICLES—TRANSMISSION DEVICES

Krikov, A. D. [Thermal analysis of motor vehicle transmissions] Teplovoi raschet transmissii transportnykh mashin. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 130 p.

Use of single-stage complex hydraulic torque converters with rotating blades in the transmission. A N Nariut Avt prom 27 no 6 17-20 Je '61

MOTOR VEHICLES, AMPHIBIOUS

All-terrain vehicles and helicopters in geodesy R I Goverukhin Geod i kart no 5-61 My '61

Amphibious automobiles. E. Sergeev. Izobr. i rats. no. 7: 22 Jl '61.

MOTORBOAT RACING
(see also subdivision under Kremenchug)

A sense of duty. G. Zalutskii. Voen. znan. 37 no. 6:28 Je '61.

MOTORBOATS—MODELS

Starting and controlling models. S. Glukhovtsev. Voen. znan. 37 no. 5.30 Je '61.

MOTORBUS LINES—EMPLOYEES see subdivision under Greece

MOTORBUS LINES—TERMINALS see subdivision under Leningrad

MOTORCYCLE RACING

Laws of mechanics on an icy track. L. Shugurov. IUn. tekh. 5 no. 3:33-35 Mr '61.

MOTORCYCLES—ELECTRIC EQUIPMENT

Pavlák, Milan. [Electric equipment of motorcycles. Translated from the Czech] Elektrooborudovanie mototsikla. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 196 p.

MOTORTRUCKS

Automatic drive-through truck elevator at the Kustanay transshipment base. I. Litchin. Muk.-elev. prom. 27 no. 5:25 My '61

Wrecker fire truck. N. Shebeko. Pozh. delo 7 no. 6:22 Je '61.

MOTORTRUCKS—DESIGN AND CONSTRUCTION

Fishbein, F. A., and D. S. Blakhman. [Changes in the design and interchangeability of units and parts of the ZIS-5, UralZIS-355 and UralZIS-355V and UralZIS-355M motor vehicles] Konstruktivnye izmeneniia i vzaimozamenaemost' uzlov i detalei avtomobilei ZIS-5, UralZIS-355, UralZIS-355V i UralZIS-355M. Moskva, Avtotransizdat, 1961, 56 p.

MOTORTRUCKS—DYNAMICS

Analytical investigation of vertical dynamic loads on the axle of the motortruck logging trailer E. I Lakh Izv. vys. ucheb zav., les. zhur 4 no. 2:51-62 '61

MOTORTRUCKS—MAINTENANCE AND REPAIR

Kuptianova, L. P. [Manual for truck drivers] Pamiatka shoferu gruzovogo avtomobilia. Izd. 3., perer. i dop. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 75 p. (Tekhnika bezopasnosti na avtotransporte)

MOTORTRUCKS—TIRES
(see also subdivision under Sverdlovsk)

Extra-wide lug type tires G. Imber, P Skachkov Les prom 39 no. 5:31 My '61

MOTORTRUCKS, MILITARY

Operations of truck transportation units in battle K Lebedev. Tyl i snab Sov Voor Sil 21 no 2 37-40 F '61

Truck company works without breakdowns or accidents V Stapanov, M. Krupko Tyl i snab Sov Voor Sil 21 no 3 70-75 Mr '61

MOUMIER, FELIX ROLAND, 1926-1961

Victims of the "Bloody hand" (to be concluded). Az i Afr seg no 6 38-41 Je '61

MOUNTAIN ECOLOGY

Ornithogeographical position of high mountains in the Palearctic [with summary in English] R L. Beme Biul MOIP Otd. biol 66 no. 2 39-43 Mr-Ap '61

MOUNTAIN WARFARE

Features of rear-echelon support of troops in the mountains. M Statkevich and others Tyl i snab Sov Voor Sil 21 no. 1 33-45 Ja '61.

MOUNTAINEERING see subdivision under Pamirs

MOUNTAINS see subdivision under Antarctica

MOUTH—DISEASES

"Diseases of the mucous membrane of the oral cavity in skin and venereal diseases" by B. M. Pashkov. Reviewed by V. M. Foderman. Zhur. ush., nos. i gorl. bol. 21 no. 2:91-93 Mr-Ap '61.

MOVEMENT (PHYSIOLOGY)

Donskoi, D. D. [Biomechanics of physical exercise] Biomekhanika fizicheskikh uprazhnenii. Izd. 2., perer. i dop. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1960. 238 p.

Relationship between muscular tension and the resulting movements of human extremities [with summary in English]. L. V. Chkhaidze Biofizika 6 no. 3 363-369 '61.

MOVEMENT, PSYCHOLOGY OF

Change in the coordination of movements in pupils of secondary school age under the influence of various emotional conditions A. V. Il'in Probl. psikhol sporta no. 1 213-218 '60

Determination of personal tempo and rhythm in daily life [with summary in English]. S. N. Beliaeva-Ekzemplinarskaia. Vop psikhol 7 no 2-61-74 Mr-Ap '61.

Influence of the habitual tempo of movements on the quality of the learning of movements at a given tempo F. A. Grebaus Probl psikhol sporta no 1 76-85 '60

Investigation of the time of motor reactions in track athletes under the climatic conditions of Uzbekistan A S Shatalina, M N. Gabaidullina. Probl. psikhol sporta no 1-125-137 '60.

Structure of notions of movement and its verbal designation in gymnastics A. A. Berzin. Probl. psikhol sporta no. 1;302-310 '60.

MOVEMENT DISORDERS

Effect of vibration and noise on the functional condition of the motor analyzer [with summary in English]. A. I Vozhzhova, A F Lebedeva. Trudy LSGMI 61-102-111 '60.

MOWING MACHINES—ATTACHMENTS

PB-2, i attachment to single-beam mowing machines for pulse crops. E I. Khokhlov, P. S. Orlov. Trakt. i sel'khozmash. 31 no. 7-28-29 Jl '61.

MOZAMBIQUE—POLITICS AND GOVERNMENT

Mozambique has raised its voice! L. Korneev. Az. i Afr. seg. no. 6;20-22 Je '61.

MOZHAYSKIY DISTRICT—PLANTS, PROTECTION OF

In two neighboring districts. T. Demekhina, A. Vesolov. Zashch. rast. ot vred. i bol. 5 no. 1;12-14 Ja '60.

MUCHKAPSKIY DISTRICT—ATHEISTS

Rural atheists. I. Filimonov. Agitator no. 7:51 Ap '61.

MUCOUS MEMBRANE

Defensive role of the mucous membrane of the upper respiratory passages in lung diseases [with summary in English]. M. G. Novikov. Zhur. ush., nos. i gorl. bol. 21 no. 3;52-53 My-Je '61.

"Diseases of the mucous membrane of the oral cavity in skin and venereal diseases" by B. M. Pashkov. Reviewed by V. M. Foderman. Zhur. ush., nos. i gorl. bol. 21 no. 2;91-93 Mr-Ap '61.

MUCOUS MEMBRANE—PERMEABILITY

Difference in the permeability to iodine and phosphorus in the mucosa of the tongue and salivary glands A I Marchenko, IU A. Petrovich Dokl AN SSSR 138 no. 6 1170-1472 Je '61

MUD VOLCANOES see subdivision under Azerbaijan

MUGODZHAR HILLS—GEOLOGY, STRUCTURAL

Magmatic activity of the Hercynian mobile belt of the Mugodzhar Hills. O D Ksenofontov Mat VSEGEI Ob. ser no 28 121-141 '60

MUGODZHAR HILLS—PYRITES

Pyrite deposits of the western Mugodzhar Hills. IU V Bogdanov Mat VSEGEI Ob. ser. no. 28 149-166 '60

MUGODZHAR MOUNTAIN REGION—SEDIMENTS (GEOLOGY)

Jurassic, Jurassic-Triassic, and Paleozoic sediments of the Chushka-Kul' anticline south of the Mugodzhar Mountains [with summary in English]. R. G Garetskii Biul. MOIP Otd geol 31 no 5 103-117 S-O '59

MULBERRY

Pludin-tut, a newly derived variety of mulberry I. K. Abdullaev Dokl AN Azerb SSR 17 no 5 411-414 '61

MULBERRY—VARIETIES see subdivision under Azerbaijan

MULTIPLE BIRTH see Birth, Multiple

MUNICIPAL SERVICES
(see also subdivision under Moscow; Ul'yanovsk)

Brief news. Zhil.-kom. khoz. 11 no. 4;35 Ap '61.

Concern over the workers' way of life. Gor. khoz. Mosk 35 no 5 48 My '61

Improving village public services. Gor. khoz. Mosk 35 no. 5;48 My '61

Mandates of the voters. Gor. khoz Mosk 35 no 5-48 My '61

We will greet the Party Congress with new labor victories Zhil.-kom khoz no 4-1-2 Ap '61

MUNICIPAL SERVICES—BIBLIOGRAPHY see Bibliography—Municipal services

MUNITIONS

The struggle of monopolies in the European arms market Mezhdunar zhizn' 8 no 7 48-56 Jl '61.

Workers of the munitions plants of the Ministry of War in the first half of the 19th century N N Kononova Uch zap LGU no 270 110-144 '59

MURA VALLEY—GEOLOGY, STRATIGRAPHIC

A recently discovered Jurassic basin in the southwestern part of the Siberian Platform. M. M Odintsov Dokl. AN SSSR 138 no 5 1170-1171 Je '61

MURACH, NIKOLAI NIKIFOROVICH, 1890-

Nikolai Nikiforovich Murach; on his 70th birthday. Izv. vys. ucheb. zav., tavet. met. 4 no. 2,168-161 '61.

Nikolai Nikiforovich Murach, on his 70th birthday Tsvet. met 34 no 2 79-80 F '61

MURAL PAINTING AND DECORATION see subdivision under Samarkand

MURGAB OASIS—SOLONCHAK SOILS

Nitrate Solonchaks of the Murgab Oasis [with summary in English]. V A. Molodtsov. Pochvovedenie no. 6-87-92 Je '61.

MURGAB VALLEY—IRRIGATION RESEARCH

Rogovskaia, N. V. [The technique of establishing hydrogeological regions for land reclamation purposes, hydrogeological land reclamation regions] Metodika gidrogeologicheskogo rationirovaniia dlia obosnovaniia melioratsii, gidrogeologo-meliorativnoe rationirovanie, Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1959. 171 p.

MURMAN COAST—SEA OTTERS

Acclimatization of sea otters on the Murman Coast I. I. Barabash-Nikiforov Trudy sov. ikht kom. no 12 218-221 '61

MURMAN COAST—LAMPREYS

Sea lamprey (Petromyzon marinus L.) at the Murman Coast [with summary in English]. K G. Konstantinov Zool. zhur. 40 no. 6;938-938 Je '61

MURMAN COAST—MARINE FAUNA

Some comparative data on the rocky littoral fauna of the Barents and White Seas N. G. Barsanova. Trudy Inst okean. 46;140-146 '61.

MURMANSK—BUILDING MATERIALS INDUSTRY

Some problems of specialization and cooperation among establishments of the building materials industry. I. Portianskii. Ekon. strol. no. 5,54-56 My '61.

MURMANSK PROVINCE—WEEDS

Distribution of weeds in the fields of Murmansk Province. E. V. Shlakova Bot zhur. 46 no. 6-854-860 Je '61.

MURMANSK PROVINCE—WHEAT—FERTILIZERS AND MANURES
Some characteristics of soil nutrition in plants of the Far North M. G. Zaitseva, V. A. Pozdniakova Dokl. AN SSSR 138 no 5:1223-1226 Je '61

MUROMTSEV, SERGEI NIKOLAEVICH, 1898-1960
Sergei Nikolaevich Muromtsev, obituary IU I Milenushkin Mikrobiologiia 30 no 2 382-383 Mr-Ap '61

MUSABAEV, ISKHAK KURBANOVICH, 1911-
Iskhak Kurbanovich Musabaev, on his 50th birthday R A. Abdullaev Zhur mikrobiol epid i immun 32 no 3: 157-158 Mr '61.

MUSCLE
Abnormally large resting and action potentials of the muscle fibers of a crab in potassium-free solutions E A Liberman, L. M. Tsofina, I. M. Glagoleva. Biofizika 6 no 3 373-374 '61.
Biochemical changes in rat muscles during exercise of various duration and under conditions of supplementary inclusion of malt extract, maltose, and glucose into their food ration [with summary in English] A. P. Krasnova, N. R Chagovets. Ukr biokhim. zhur. 33 no. 3:402-406 '61.
Changes in the antigenic structure of the muscle tissue due to neural dystrophy O. IA. Ostrykl, Z I Sobieva. Dokl. AN SSSR 138 no 5:1241-1241 Je '61.
Changes in the electric parameters of skeletal muscle tissues in animals acclimatized to hypoxia. Z. I Barbashova, IU. E Moskalenko. Biofizika 6 no. 3 328-330 '61.
Differences in the excitability of the neuromuscular apparatus in rabbits under normal conditions N A Levitina. Fiziol. zhur. 47 no 4:520-522 Ap '61.
Intracellular recording of smooth muscle potentials during the irritation of stimulating and inhibiting nerves. R S. Orlov Fiziol. zhur 47 no. 4:500-503 Ap '61.
On the problem of muscular fatigue. D. Mateev. Fiziol. zhur. 47 no. 4 504-509 Ap '61
Relationship between liminal tensions and the frequency of excitation. A. K. Prits. Biofizika 6 no. 3:376-377 '61.
Thermal adaptation of muscle fibers of the lake frog (Rana ridibunda) inhabiting warm springs [with summary in English]. B. P. Ushakov, N. V. Zander. Biofizika 6 no 3:322-327 '61.
Trace hyperpolarization and depolarization in crayfish claw muscles. T N Ontani. Fiziol. zhur 47 no. 4, 485-499 Ap '61.
Using the method of vital staining in estimating the functional state of resting tonic and tetanic muscles of a frog V B. Ushakov TSitologiia 3 no 3:272-280 My-Je '61.

MUSCLE RELAXANTS
Treatment of severe traumatic shock [with summary in English]. T N. Astakhova, I V. Il'inskaia. Pat. fiziol., eksp. terap. 5 no. 3, 45-49 My-Je '61.

MUSCLES
Chronaxia of muscles in athletes. L. I. Il'ina, V. P. Kuz'mina. Teor. i prak fiz kul't. 24 no. 6:463-466 '61.
Contractile properties of respiratory muscles in adult and newborn animals V. D. Glebovskii. Fiziol zhur. 47 no. 4:427-435 Ap '61
Duration of inhibition aftereffects of possimum muscle reactions. N. M. Shamarina. Fiziol. zhur 47 no 4: 487-494 Ap '61.
Influence of excluding respiratory phosphorylation in a neuromuscular specimen on the function of the terminal motor laminae of the skeletal muscles. G. G. Pod'. Zdravookhranenie 2 no. 4:45-47 Jl-Ag '59.
On the role of the nervous system in the regulation of glucokinase activity in muscles. N. I. Belineva. Biokhimiia 26 no. 3 412-419 My-Je '61
Physiological analysis of the effect of vibrations on the organism [with summary in English]. L. V. Donskaia. M F. Stoma Trudy LSGMI 61 37-48 '60.
Relationship between muscular tension and the resulting movements of human extremities [with summary in English]. L. V Chkhaidze. Biofizika 6 no. 3:363-369 '61.
Stable conditions in muscle activity. N. N. IAkovlev. Vop. med. khim. 7 no. 2:120-132 Mr-Ap '61.

MUSCLES—INNERVATION
Insulin inactivating properties of denervated and tenotomized muscles [with summary in English]. G.S. Sheves. Ukr. biokhim. zhur. 33 no. 3:332-339 '61.
Relationship between the development of the nerve endings of the skeletal muscles and the appearance of movement in the human fetus [with summary in English]. L. F. Mavrinskaia. Arkh. anat. gist. i embr. 38 no. 2:61-68 F '60.

MUSCLES—TRANSPLANTATION
Letter to the editor. Arkh. anat. gist. i embr. 38 no. 2: 125-126 F '60.
Pathohistological characteristics of inflammatory and regenerative processes following radical surgery with biological tamponade on the ear of animals [with summary in English]. M. I. Ovsiannikov. Zhur. ush., nos. i gorl. bol. 21 no. 2:24-27 Mr-Ap '61.

MUSCULAR DYSTROPHY
Experimental vitamin E deficiency as a model of progressive muscular dystrophy in man M G Shcherbakova Arkh. pat 23 no. 4 15-23 '61

MUSCULUS RECTUS—TRANSPLANTATION
Closing of a penetrating defect of the stomach wall with an autotransplant following combined radiation injury under experimental conditions. N V Stankevich. Zdrav. Bel 7 no 5 26-30 My '61

MUSHT VALLEY—GRANITE
Geochemistry of alkaline elements and thallium in the Musht granites (Northern Caucasus) [with summary in English]. N. T. Voskresenskaia. Su Shou-tian' [Su Shou-t'ien], Geokhimiia no 6:500-507 '61

MUSIC
(see also subdivision under Ukraine, Western)
Bogdanov-Berezovskii, V. M. [Articles on music] Stat'i o muzyke. Leningrad, Sovetskii kompozitor, 1960. 237 p.

MUSIC—BIBLIOGRAPHY see Bibliography—Music

MUSIC—HISTORY AND CRITICISM
Interrelationship of Uzbek and Russian music during the prerevolutionary period T S Vyrgo Obshchestv. nauki v Uz no 1 42-47 '61

MUSIC—INSTRUCTION AND STUDY
School of musical culture. V. Postovoitov. Komsom zhizn' no. 12 26-27 Je '61

MUSICAL ACCOMPANIMENT
Kriuchkov, N. A. [The art of accompaniment as a subject of instruction] Iskusstvo akkompanementa kak predmet obucheniia. Leningrad, Gos. muzykal'noe izd-vo, 1961. 70 p. (V pomoshch' pedagogu-muzykantu)

MUSICAL INSTRUMENTS, PRIMITIVE see subdivision under Mingechaur

MUSKHELISHVILI, NIKOLAI IVANOVICH, 1891-
Honoring Academician N. I. Muskhelishvili. Vest AN SSSR 31 no 5 103-104 My '61.

MUSTARD OILS
Synthesis of allyl mustard oil. O. V. Vladzimirska. Farmatsev. zhur. 16 no. 3,16-17 '61

MUTATION (BIOLOGY) see Variation (Biology)

MUTUAL ECONOMIC ASSISTANCE COUNCIL
Results of the Conference on Hidden Mineral Prospecting in the Member Countries of the Mutual Economic Assistance Council. N. A Khrushchov. Sov. geol 4 no 6 141-143 Je '61

MUZYCHENKO, ANDREI PAVLOVICH, 1900-1960
Andrei Pavlovich Myzychenko, obituary. Zhur. mikrobiol epid. i immun. 31 no. 12 142-143 D '60.

MYACHKOVO REGION—CRINOIDEA, FOSSIL
Injuries in crinoids caused by Schizoproboscina. IU. A. Arendt Paleont. zhur. no 2:101-106 '61.

MYCELIUM
Mycelium of Mortierella fungi as a source of ergosterol [with summary in English] T. V. Khalabuda, V. P Vendt. Dop. AN URSR no. 6:816-817 '61

MYCOBACTERIUM
Effect of antibacterial preparations on indophenoloxidase in Mycobacterium [with summary in English] A M Khoma-Lemishko, Zhur. mikrobiol. epid i immun. 32 no. 3:108-110 Mr '61.

MYCOBACTERIUM LEPRAE
Cultivation of the pathogen of leprosy using a "feeder" method (study on an acid-sensitive coccal microorganism vegetating in leprous granulomas) [with summary in English] V. A. Martynova. Zhur. mikrobiol. epid. i immun. 32 no. 3:44-48 Mr '61.

MYCOBACTERIUM TUBERCULOSIS
Effect of trace elements (zinc, manganese, cobalt) on growth and metabolic processes in BCG cultures [with summary in English]. T. S. Goncharevskaia. Zhur. mikrobiol. epid. i immun. 32 no. 3:70-75 Mr '61
Influence of antibacterial preparations on peroxidase in mycobacteria [with summary in English]. A. M. Khoma-Lemishko. Antibiotiki 5 no. 3:73-74 My-Je '60
Studies on the chemical composition of BCG culture extracts exposed to ultrasonics and the isolation of a soluble antigen from them [with summary in English]. V. A. Blagoveshchenskii, G. I Stepanchenok-Rudnik, L. V. Zhulina. Zhur. mikrobiol. epid. i immun. 32 no. 3:17-22 Mr '61.
Thiamine-destroying factors in tuberculous and dysenterial bacteria [with summary in English]. D. S. Zaprudskaia. Zhur. mikrobiol. epid. i immun. 32 no. 2:44-48 F '61.

MYCOSTATIN
Result of the use of nystatin in the treatment and prevention of Candida infections [with summary in English]. A. F. Bilunger, IA L. Ul'manis. Antibiotiki 5 no. 3:98-102 My-Je '60.

MYTISHCHI—FLIES—EXTERMINATION
Use of chlorophos insecticide paper in the [illegible] houseflies in Mytishchi during 1959 [illegible] Zhur. mikrobiol, epid i immun. [illegible] no [illegible] '61

NABOKOV, MIKHAIL EVGEN'EVICH, 1897-1960
Mikhail Evgen'evich Nabokov; obituary. [illegible] others Biul. VAGO no 28:60-62 '60

NĀDER-SHĀH, SHAH OF IRAN, 1688-1747
Mohammad, Kāzem. [Nāder-Shah's campaign [illegible] India; excerpts from Ta'rīkh-i ālamārā [illegible] Pokhod Nādir-shākha v Indiiu, izvlechenie iz [illegible] 'ālamārā-i nādirī. Moskva, Izd-vo vostochnoi [illegible] 1961. 205 p. (Pamiatniki literatury narodov Vostoka. Perevody, no. 1)

NAILS AND SPIKES
Dashevskii, S. I. [Manufacture of nails] Proizvodstvo gvozdei. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 150 p.

NAKHICHEVAN A. S. S. R.—RODENTIA
Study of rodents of the Nakhichevan A S S R [illegible] baijani with summary in Russian] Sb. R Akad. AN Azerb SSR, Ser biol i med. nauk no 1 [illegible] '61

NAL'CHIK—HEALTH RESORTS, WATERING PLACES, ETC.
Rest village in Nal'chik. I. Bebiakov. Arkhit [illegible] no. 5,26-28 '61

NAMAGANSKIY DISTRICT—COLLECTIVE FARMS—FINANCE
Future growth and correct utilization of [illegible] of collective farms, based on the example of [illegible] farms in the Namaganskiy zone T. Turdiev [illegible] stv. nauki v Uz no 4 18-22 '61.

NAMES, GEOGRAPHICAL
(see also subdivision under Asia)
Geographical names on historical maps [illegible] Vop. ist. no. 6 211 Je '61.
Names of pilots on the map. N. Kuz'min [illegible] no 3:23 Mr '61
On the origin of the word "Kolomna." A. Zvenigorodskii. Vop. lit. no. 11:241 N '59.

NANTOKITE see subdivision under Dzhezkazgan [illegible]

NAPHTHACENE—SPECTRA
Absorption and luminescence of impurities [illegible] of organic compounds at 20°K. Part 5 [illegible] naphthacene in certain mixed crystals of [illegible] position [with summary in English] A V. [illegible] Ukr fiz zhur 6 no. 1,68-76 Ja-F '61

NAPHTHALENE
Catalytic alkylation of tetralin by 1-nonene in the presence of aluminum. N. I. Shuikin, N. A. Pozdniak [illegible] SSSR, Otd. khim. nauk no. 6:1156-1158 Je '61
Catalytic alkylation of tetralin. Report 5: Alkylation of tetralin with primary alcohols of composition [illegible] higher. N. I Shuikin, N. A. Pozdniak, U. D. [illegible] AN SSSR, Otd. khim. nauk no. 6,1098-1102 Je '61
Sulfone sulfonic acids as by-products in sulfonation processes Part 6: Possibility of using the [illegible] polarographic method for the quantitative determination of sulfonic acids of naphthalene and dimethyl [illegible] A. P. Shestov, N A Ostpova, K. K Petukhova [illegible] ob. khim. 31 no. 6:1780-1787 Je '61.
Use of trans-1-vinyl-8-acetoxy- and trans-1-vinyl-8-ethylenedioxy-9-methyl-Δ^1-octalines in diene synthesis reactions. V. F. Kucherov, I. A. Gurvich. Izv. Akad. AN SSSR, Otd. khim. nauk no. 6:1152-1153 Je '61.

NAPHTHALENEDISULFONIC ACID
2-Nitronaphthalene-1, 4-disulfonic acid and 2-nitronaphthalene-4-sulfonic acid. N. I. Tabachnikova, [illegible] Karandasheva Zhur. ob. khim. 31 no. 6 [illegible] '61.

NAPHTHALENESULFONIC ACID
1-Chloro- and 1-methoxy-2-nitronaphthalene-4-sulfonic acids. S V. Bogdanov, N I. Tabachnikova. [illegible] khim. 31 no. 6:1912-1916 Je '61.
2-Nitronaphthalene-1, 4-disulfonic acid and 2-nitronaphthalene-4-sulfonic acid. N. I Tabachnikova. [illegible] Karandasheva. Zhur. ob. khim. 31 no. 6:1913 [illegible] '61.

NAPHTHIMIDAZOLE
Some transformations of heterocyclic systems containing an imidazole ring Part 2: Amination of N-substituted naphth(1, 2)imidazole and 6, 7, 8, 9-tetrahydronaphth(1, 2)imidazole. A. D. Gramovskii. Zhur. [illegible] 31 no. 6:1941-1944 Je '61.

NAPHTHOFURAN
Mannich bases in the series of derivatives of 5-hydroxynaphthofuran and 5-hydoxybenzindole. A. N [illegible] Khun' Shchi-tsiun', A. P. Terent'ev. Zhur. [illegible] 31 no. 6:1902-1905 Je '61.

NAPHTHOLDISULFONIC ACID
Polarographic study of complex compounds of metals with nitroso-R salt, and their use in polarography. Yu. I. Vainshtein, N. M. Diatlova. Trudy IREA no 22:33-42 '58.

NAPLES—MILITARY BASES, AMERICAN
New Naples landscapes. A. Shmarinov. Sov. voin 43 no. 9 26 My '61.

NARCISSUS
Morphological and embryological study of the narcissus (in Azerbaijani with summary in Russian). G. E. Kapinos, F. Kagramanova. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 2 3-12 '61.

NARYN VALLEY—PHYSICAL GEOGRAPHY
Akademiia nauk Kirgizskoi SSR, Frunze. Otdel geografii. [The Naryn River basin; physicogeographical features] Basseĭn reki Naryn; fiziko-geograficheskaia kharakteristika. Frunze, 1960. 328 p.

NARYNKOL DISTRICT—BIRDS
Winter bird fauna in the upper Tekes Valley (central Tien Shan). A. A. Vinokurov. Ornitologiia no. 3 362-365 '60.

NASOPHARYNX—CANCER
Chordoma of the nasopharynx. B. I. Piskun. Zhur. ush., nos. i gorl. bol. 21 no. 3:61-63 My-Je '61.
Clinical aspects of malignant tumors of the nasopharynx [with summary in English]. B. I. Dunaivitser. Zhur. ush., nos. i gorl. bol. 21 no. 3:17-19 My-Je '61.

NASOPHARYNX—TUMORS
Rare case of leiomyoma of the nasal cavity. M. D. Kazhinev, I. N. Shubenko-Gabuzova. Zhur. ush., nos. i gorl. bol. 20 no. 4:58-59 Jl-Ag '60.

NASRIDDINOVA, IADGAR SADYKOVNA
President of a republic [with English summary in insert]. A. Strel'tsova. Az. i Afr. seg. no. 3:29-30 Mr '61.

NATIONAL DANCES see Folk dancing

NATIONALITIES
(see also subdivision under China; Kazakhstan)
Kurganov, I. A. [The nations of the U. S. S. R. and "the Russian problem."] Natsii SSSR i russkii vopros. [New York] Komitet za prava i svobodu v Rossii, 1961. 263 p.
One of the greatest achievements of socialism. M. Georgadze. Kommunist 38 no. 10:21-30 Jl '61.

NATURAL RESOURCES
(see also subdivision under Kola Peninsula; Sahara)
Law on the protection of nature. Gig. i san. 26 no. 1:3-6 Ja '61.
"Protection of nature in the central Chernozem zone." Reviewed by P. I. Voichal'. Izv. vys. ucheb. zav., les. zhur. 4 no. 2:171-172 '61.

NATURE STUDY
(see also subdivision under Ivanovo Province; Moscow Province)
Animal "doctors" from School No. 114. R. Fedorov. Iun. tekh. 5 no. 3:75-76 Mr '61.

NAUTICAL ASTRONOMY
Concerning a practically unusable method of determining the compass error. N. Rybaltovskii, B. Krasavtsev. Mor. flot 21 no. 1:21-23 Ja '61.
Making astronomic observations by various time position lines. P. Volkov. Mor. flot 21 no. 1:17-20 Ja '61.

NAUTICAL INSTRUMENTS
Instrument for measuring ship speed through the water. B. Zaitvadnyi. Mor. flot 21 no. 2:18-20 F '61.
Instrument for recording rolling angles, angular velocities and accelerations. V. I. Korolev and others. Izv. vys. ucheb. zav., prib. 4 no. 3:75-82 '61.
Remote-control recording of log and time-indicator readings. L. Lezgin. Mor. flot 21 no. 2:20-21 F '61.

NAVAL ARCHITECTURE
Lesiukov, V. A. [Theory and design of ships for inland navigation] Teoriia i ustroistvo sudov vnutrennego plavaniia. Leningrad, Izd-vo "Rechnoi transport," Leningr. otd-nie, 1961. 371 p.

NAVAL ART AND SCIENCE
[Manual for sea captains] Spravochnik kapitana dal'nego plavaniia. Pod obshchei red. B. P. Khabura. Leningrad, Izd-vo "Morskoi transport," 1961. 907 p.

NAVAL ART AND SCIENCE—TERMINOLOGY
Naval science. Voen. znan. 37 no. 7:27 Jl '61.

NAVAL DISCIPLINE
Ship's rules. S. Osokin. Voen. znan. 37 no. 6:26-27 Je '61.

NAVAL EDUCATION
Improve methods for instructing ship crews. A. Baranov. Tyl i snab. Sov. Voor. Sil 21 no. 3:20-24 Mr '61.

NAVAL MEDICINE see Medicine, Naval

NAVIES see also subdivision 'Navy' under Russia

NAVIGATION
Computation of information for the correction of navigational aids. E. Kuznetsov. Mor. flot 21 no. 3:14-15 Mr '61.
"Damages of seagoing vessels and their prevention" by N. A. Kolotov. Reviewed by O. Krasnitskii. Mor. flot 21 no. 3:45-46 Mr '61.
Effectiveness of the maneuver executing the order "man overboard." Iu. Shvarev, I. Shustov. Mor. flot 21 no. 3:17 Mr '61.
Finding the position of a ship by bearings received at three different moments by repeating these bearings. B. Mal'tsev. Mor. flot 21 no. 6:14-16 Je '61.
Identification of coastal orienting points. K. V. Kazanskii. Ryb. khoz. 37 no. 5:60-62 '61.
It is good to know. Rech. transp. 20 no. 6:50 Je '61.
Maneuvering of ships to avoid storm areas. V. Bol'shakov. Mor. flot 21 no. 3:10-12 Mr '61.
Nomograms for evaluating the precision of ship location by means of the bearings of quadrant radio beacons. V. Iakovlev. Mor. flot 21 no. 3:15-16 Mr '61.
Remarks on the current sailing of ships. M. Leskov. Mor. flot 21 no. 1:20 Ja '61.

NAVIGATION—CONGRESSES
Twentieth International Congress of Navigation. S. Mikhailov. Rech. transp. 20 no. 6:46 Je '61.

NAVIGATION—LAWS AND REGULATIONS see subdivision under Danube River

NAVIGATION—TABLES
Aid to the computation of altitudes and azimuths ("Altitudes and azimuths of heavenly bodies") Reviewed by A. I. Belousov. Ryb. khoz. 37 no. 5:93-94 '61.

NAVIGATION (AERONAUTICS)
Using an auxiliary point in flying to the target. E. M. Budkin. Vest. Vozd. Fl. no. 3:50-51 '61.

NAVIGATION, INERTIAL see Inertial navigation

NEBULAE
Distribution of optical and radio emission in M 17 [with summary in English]. Iu. N. Parijskii. Astron. zhur. 38 no. 3:483-486 My-Je '61.

NEBULAE—SPECTRA
Spectrum of the Orion Nebula in the region 9,000 - 11,000 Å [with summary in English]. V. F. Esipov, P. V. Shcheglov. Astron. zhur. 38 no. 3:554 My-Je '61.

NECHKINA, MILITSA VASIL'EVNA, 1901-
Honoring Academician M. V. Nechkina. Vest. AN SSSR 31 no. 5:104-105 My '61.

NECK—TUMORS
Tumors of the jugular paraganglion. A. I. Gnatyshak. Zhur. ush., nos. i gorl. bol. 21 no. 3:54-56 My-Je '61.

NECROSIS
Histochemical studies on desoxyribonucleic acid in the foci of necrosis. A. K. Ageev. Arkh. pat. 23 no. 5:37-40 '61.

NECROSIS, BACILLARY see subdivision under Kirghizistan

NEFTYANYYE KAMNI—DESCRIPTION
City above the Caspian. V. Perventsev. Sov. voin. 43 no. 10 32-35 My '61.

NEGROES see subdivision under Great Britain

NEKRASOV, VIKTOR PLATONOVICH, 1911-
Cordial and courageous talent; on Viktor Nekrasov's 50th birthday. Leonid Serpilin. Sov. Ukr. 11 no. 6. 155-158 Je '61.

NEMYTSKII, VIKTOR VLADIMIROVICH
Viktor Vladimirovich Nemytskii; on his 60th birthday. M. M. Vainberg, R. E. Vinograd, B. P. Demidovich. Usp. mat. nauk 16 no. 1:201-212 Ja-F '61.

NEODYMIUM—ANALYSIS
Determination of neodymium by differential spectrophotometry. T. M. Maliutina, B. M. Dobkina, Iu. A. Chernikhov. Zav. lab. 27 no. 6:653-656 '61.

NEODYMIUM—DECAY
Measuring the circular polarization of the gamma quanta emitted in β-decay of Nd^{147} [with summary in English]. A. A. Petushkov, I. V. Estulin. Zhur. eksp. i teor. fiz. 40 no. 1:72-75 Ja '61.

NEODYMIUM—ELECTRIC PROPERTIES
Investigation of the electric resistance of cerium, lanthanum and neodymium at pressures up to 250,000 kg/cm^2. L. F. Vereshchagin, A. A. Semerchan, S. V. Popova. Dokl. AN SSSR 136 no. 5:1059-1061 Je '61.

NEODYMIUM-TITANIUM ALLOYS see Titanium-neodymium alloys

NEON—ISOTOPES
Differences in the lattice constants of isotopes of neon [with summary in English]. V. S. Kogan, B. G. Lazarev, R. F. Bulatova. Zhur. eksp. i teor. fiz. 40 no. 1 20-31 Ja '61.
Separation of neon isotopes by the thermal diffusion method. L. S. Kotousov, E. M. Martynov, Iu. P. Stepanov. Atom. energ. 10 no. 6:632-633 Je '61.

NEPHELINE SYENITE see subdivision under Lovozero Tundras

NEPHELITE
Decomposition of alkali-calcium precipitates obtained in the process of treating nephelite rocks by hydrochemical methods. M. G. Menvelian and others. TSvet. met. 34 no. 2:56-60 F '61.
Obtaining high-grade alumina (GO and GOO brands) by the treatment of nephelite rocks. B. K. Shvartsman, N. S. Volkova. TSvet. met. 34 no. 2:60-65 F '61.

NEPTUNIUM
Kurchatov, B. V., and others. [Sulfate method for isolating plutonium and neptunium] Sul'fatnyi metod vydeleniia plutoniia i neptuniia. Moskva, 1955. 7 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)
Shvetsov, I. K., and A. M. Vorob'ev. [Methods used for the separation of neptunium and plutonium] K voprosu o metodakh razdeleniia neptuniia i plutoniia. Moskva, 1955. 6 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

NEREKHTA DISTRICT—BANKS AND BANKING—ACCOUNTING
State Bank business and people. A. Riabkov. Den. i kred. 19 no. 6:17-18 Je '61.

NERO LAKE REGION—LEPTOSPIROSIS
Epizootiology of leptospirosis among insectivores [with summary in English]. E. I. Korenberg, L. P. Semenova. Zool. zhur. 40 no. 6:942-945 Je '61.

NERVES
Changes in the antigenic structure of the muscle tissue due to neural dystrophy. O. IA. Ostryi, Z. I. Sobieva. Dokl. AN SSSR 138 no. 5:1241-1244 Je '61.
Differences in the excitability of the neuromuscular apparatus in rabbits under normal conditions. N. A. Levitina. Fiziol. zhur. 47 no. 4 520-522 Ap '61.
Effect of dinitrophenol on temperature dependence of the action potential in the giant axon of earthworms [with summary in English]. V. F. Antonov. Biofizika 6 no. 3: 317-321 '61.
Effect of temperature on the conduction of excitation in giant axons of the earthworm [with summary in English]. B. N. Veprintsev, V. F. Antonov. Biofizika 4 no. 5:541-549 '59.
Lag between the importance effect and action potential of the nerve trunk of a frog. E. V. Buniakova, B. N. Veprintsev, I. T. Rass. Biofizika 4 no. 5:617-620 '59.
Measurement of resting and action potentials in the giant nerve fiber of a squid under different conditions of recording [with summary in English]. L. M. Chailakhian. Biofizika 6 no. 3 309-316 '61.
On the role of the nervous system in the regulation of glucokinase activity in muscles. N. I. Baliaeva. Biokhimiia 26 no. 3 412-416 My-Je '61.
Physiological mechanism of the direct action of novocaine on a nerve [with summary in English]. A. A. Vishnevskii, B. I. Khodorov. Eksper. khir. 4 no. 6: 3-10 N-D '59.
Reply to G. A. Koblov's letter on my article "Division of nerve cells in the central nervous system of man and mammals." IU. M. Zhabotinskii. Arkh. anat. gist. i embr. 38 no. 2:76-81 F '60.
Some characteristics of photostimulation of the giant axon in cuttlefish [with summary in English]. R. G. Liudkovskaia. Biofizika 6 no. 3:300-306 '61.
Some structural characteristics of neurons of the central nervous system demonstrated by different neurohistological methods. Report No. 2. Contact apparatus formed by dendrites of the nerve cells [with summary in French]. G. I. Polikov. Zhur. nevr. i psikh. 61 no. 2:271-279 '61.

NERVES, FACIAL
Accessory nucleus of the facial nerve and crossed radicular fibers of the principal nucleus in man [with summary in French]. S. M. Blinkov. Zhur. nevr. i psikh. 61 no. 2:265-270 '61.

NERVES, PERIPHERAL
Changes in the peripheral nervous system in rheumatism. G. M. Bekker. Arkh. pat. 23 no. 5:30-37 '61.
Intra trunk structure of the peripheral nervous system; survey of the literature. B. A. Favorskii. Zhur. nevr. i psikh. 61 no. 2:305-309 '61.

NERVES, SPINAL—DISEASES
Prevention of immediate recurrences of lumbosacral radiculitis in miners of the "Uzlovskugol" Trust. L. F. Kokorev. Sov. med. 25 no. 5:125-128 My '61.
Treatment of lumbosacral radiculitis by epidural infusions of vitamin B_{12} [with summary in French]. M. A. Farber. Zhur. nevr. i psikh. 61 no. 2:291-293 '61.

NERVOUS SYSTEM

Analysis of the influence of novocaine on nerve structures [with summary in English]. T. V. Pravdich-Neminskaia. Eksper. khir. 4 no. 6:10-17 N-D '59.

Changes in higher nervous activity of white rats in tetanic intoxication [with summary in English]. E. A. Gromova, K. N. Tkachenko. Zhur. vys. nerv. deiat. 11 no. 2 370-375 Mr-Ap '61.

Changes in the higher nervous activity and tone of the cerebral vessels in patients with schizophrenia [with summary in English] A. S. Stanitsyn, K. P. Moskovchenko. Zhur. vys. nerv. deiat. 11 no. 2 237-241 Mr-Ap '61.

Dynamics of the change of nerve processes during the training of athletes. Yaromir Fric. Teor. i prak. fiz. kul't. 24 no. 6 410-143 '61

Gal'perin, S. I. [Neurohumoral regulation in vertebrate animals] Neiro-gumoral'nye regulitatsii u pozvonochnykh zhivotnykh. Moskva, Gos. izd-vo "Vysshaia shkola," 1960. 341 p.

Histochemical investigation (ultraviolet microscopy) of the cells of the auditory and spatial analyzers during nutrition disturbances [with summary in English]. IA. L. Gotlib. Zhur. ush., nos. i gorl. bol. 20 no. 4 36-39 Jl-Ag '60.

Nineteenth conference on problems of higher nervous activity. Vop. psikhol. 7 no. 2 181-184 Mr-Ap '61

Problems on the structure and function of the nervous system. T. A. Mering, E. N. Popova. Zhur. vys. nerv. deiat. 11 no. 2 380-383 Mr-Ap '61.

Rosin, IA. A. [Neurohumoral control and the hematoencephalic barrier] Neiro-gumoral'naia regulitatsiia i gematoentsefalicheskii bar'er. Moskva, Izd-vo Akad. nauk SSSR, 1961. 262 p.

Session on higher nervous activity in man. Vop. psikhol. 7 no. 2-184-187 Mr-Ap '61

Seventeenth Bakh lectures. Vest. AN SSSR 31 no. 5 130 My '61

Some physiological regularities of changes in the immunological reactivity in animals with various types of nervous systems following vaccination [with summary in English]. A. M. Monaenkov. Zhur. mikrobiol. epid. i immun. 31 no. 12 50-54 D '60

Using alcohol-novocaine blocks for therapeutic purposes. O. F. Rusinov. Visnyk sil'hosp. nauky 4 no. 7 114-115 Jl '61.

NERVOUS SYSTEM—DISEASES

Circumscribed scleroderma as a syndrome of neural lesions [with summary in French]. G. IA. Vysotskii. Zhur. nevr. i psikh. 61 no. 2 294-297 '61.

Clinical characteristics of brucellosis with a predominance of symptoms of nervous system disease. G. M. Imamaliyeva. Azerb. med. zhur. no. 6 25-31 Je '61.

Conditions of the higher nervous activity in moldbreakers [with summary in English] G. I. Zuev. Trudy LSGMI 61:91-96 '60

Disease of the nervous system in the acute form of lymphogranulomatosis. Vrach. delo no. 4:133-135 Ap '61.

Diseases of the nervous system following influenza. M. L. Zin'kov. Vrach. delo no. 4:88-90 Ap '61.

Disorders in the relationship between analyzers and changes in the lability of the neuromuscular apparatus in reinforced concrete moulders. E. TS. Andreeva-Galanina, Z. M. Butkovskaia. Trudy LSGMI 61:151-158 '60.

Influence of the reticular formation of the brain on the effectiveness of health resort treatment of the neuroses. B. I. Sharapov. Zdravookhranenie 2 no. 4 36-39 Jl-Ag '59.

Problems in the diagnosis and pathomorphology of nervous diseases," edited by F. A. Poemnyi, M. L. Bikhukov. Reviewed by T. M. Mokhova. Zhur. nevr. i psikh. 61 no. 2:312-313 '61.

[Soviet medicine in the Great Patriotic War 1941-1945] Opyt Sovetskoi meditsiny v Velikoi Otechestvennoi Voine 1941-1945 gg. Moskva, Medgiz.
Vol. 26. 1949. 312 p.

NERVOUS SYSTEM—INSECTS

Structure of the insect brain during the successive stages of postembryonic development. Report No. 2: Olfactory center [with summary in German]. A. A. Panov. Ent. oboz. 40 no. 2:259-271 '61.

NERVOUS SYSTEM—REPTILES

Angioneural connections in the midbrain in reptiles [with summary in English]. V. M. Godinov. Arkh. anat. gist. i embr. 38 no. 2:48-51 F '60.

NERVOUS SYSTEM—SURGERY

Surgical treatment of parkinsonism and other diseases of the extrapyramidal tract. Report No. 1: Technics and methods of surgical interventions. E. I. Kandel'. Vop. neirokhir. 25 no. 2:2-9 Mr-Ap '61.

NERVOUS SYSTEM—TUMORS

Suture of a nerve, repair of large defects of the nerve trunk, and prevention of amputation neuromas. F. M. Golub and others. Med. zhur. Uzb. no. 1:26-31 Ja '61.

NERVOUS SYSTEM, AUTONOMIC

Interrelation of the vegetative nervous system and the vestibular apparatus [with summary in English]. IA. Zelenka. Zhur. ush., nos. i gorl. bol. 21 no. 1:29-37 Ja-F '61.

Material on the problem of nervous regulation of immunological reactions [with summary in English]. Z. S. Zakrividoroga. Zhur. mikrobiol. epid. i immun. 32 no. 1: 14-17 Ja '61

Speranskaia, E. N. [Problems in the physiology of the vegetative nervous system] Voprosy fiziologii vegetativnogo otdela nervnoi sistemy. Izd-vo Akad. nauk SSSR, 1961. 215 p.

NERVOUS SYSTEM, SYMPATHETIC

Influence of the sympathetic nerve, adrenaline and noradrenaline on cardiac rest potential. Khuan-Sin-ia [Huang Hsing-ya] Fiziol. zhur. 47 no. 4 465-471 Ap '61

Nervous influences on the blood coagulation rate in experimental arteriosclerosis [with summary in English]. M. E. Raiskina, Z. T. Samoilova. Pat. fiziol. i eksp. terap. 5 no. 1 10-16 Ja-F '61.

NERVOUS SYSTEM, SYMPATHETIC—BLOOD SUPPLY

Blood supply of the abdominal aortal paraganglion in man [with summary in English] O. Z. Lopushenko. Dop. AN URSR no. 5 683-687 '61

NERVOUS SYSTEM, SYMPATHETIC—SURGERY

Clinical aspects and pathogenesis of pain syndrome after lumbar sympathectomy. A. I. Pirogov. Vop. neirokhir. 25 no. 2:53-57 Mr-Ap '61.

NERVOUS SYSTEM, VASOMOTOR

Intensity of vascular contraction in different organs in case of maximum excitation of vasoconstrictor fibers. V. M. Khaiutin. Dokl. AN SSSR 138 no. 6 1473-1476 Je '61.

NETHERLANDS—ECONOMIC CONDITIONS

Val'kov, V. A. [Economic structure and the politics of the Netherlands after the Second World War] Ekonomika i politika Gollandii posle vtoroi mirovoi voiny. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1961. 220 p.

NETHERLANDS—FIRE ENGINES

Dutch automatic fire ladder. N. Dzikas. Pozh. delo 7 no. 6:32, 2 of cover Je '61.

NETHERLANDS—FOREIGN RELATIONS

Val'kov, V. A. [Economic structure and the politics of the Netherlands after the Second World War] Ekonomika i politika Gollandii posle vtoroi mirovoi voiny. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1961. 220 p.

NETHERLANDS—SHIPBUILDING

Dutch-built ships [from foreign journals]. Sudostroenie 27 no. 5:64-65 My '61

NETHONIUM COMPOUNDS

Effect of pentamine, hexonium, and mecamine on the development of experimental atherosclerosis [with summary in English] A. I. Mironenko. Farm. i toks. 24 no. 2:150-155 Mr-Ap '61.

NETTLE-RASH see Urticaria

NETWORK ANALYZERS see Electric network analyzers

NEURALGIA

Diagnosis of brachial plexitis and neuralgias of the brachial plexus [with summary in French]. A. V. Fedorova. Zhur. nevr. i psikh. 61 no. 2 285-286 '61.

"Neuritis, sensory neuritis, neuralgia" [in German] by R. Wartenberg. Reviewed by N. N. Bogolepov. Zhur. nevr. i psikh. 61 no. 2:314 '61.

NEURITIS

"Neuritis, sensory neuritis, neuralgia" [in German] by R. Wartenberg. Reviewed by N. N. Bogolepov. Zhur. nevr. i psikh. 61 no. 2:314 '61.

NEUROCIRCULATORY ASTHENIA

Prevention of cardiac neuroses. G. E. Perchikova. Zdorov'e 7 no. 7:12-13 Jl '61

NEUROSES

Novocaine therapy of climacteric neuroses [with summary in English]. K. N. TSutsul'kovskaia. Sov. med. 25 no. 4 79-85 Ap '61.

NEUTRONS

Analysis of a neutron field of uniform density. M. A. Bak, K. A. Petrzhak, IU. F. Romanov. Trudy Radiev. inst. AN SSSR 9:87-80 '59.

Determination of the neutron yields of the sources Ra+Be, Ac+Be, MsTh+Be, and P+Be. M. A. Bak and others. Trudy Radiev. inst. AN SSSR 9.120-125 '59.

Determining molybdenum in plants by the neutron activation analysis. A. A Sobachkin, V. B. Mogilevkin, B. S. Prister. Doklady TSKhA no. 57 99-106 '60.

Effect of resonance capture on the distribution of neutrons in rocks with a small hydrogen content [with summary in English]. I. A. Kozachok. Dop. AN URSR no. 4:478-481 '61.

Effect of the distribution of boron in rocks on the absorption of slow neutrons [with summary in English]. O. D. Belomar. Dop. AN URSR no. 4:523-525 '61.

Energy distribution of neutrons in the water surrounding the source. IU. L. Khazov and others. Trudy Radiev. inst. AN SSSR 9:91-103 '59.

Estimating the effect of neutron resonance capture in rocks [with summary in English] I. A. Kozachok. Dop. AN URSR no. 5 631-634 '61.

Formation of lattice defects under the action of thermal neutrons in connection with the irradiation of silicon single crystals in a nuclear reactor. M. V. Chukichev, V. S. Vavilov. Fiz. tver. tela 3 no. 5 1522-1527 My '61.

Gamma rays from some neutron sources. IU. A. Nemilov, A. N. Pisarevskii. Trudy Radiev. inst. AN SSSR 9:61-71 '59.

Gamma spectrum from a Po-Be neutron source. IU. A. Nemilov, A. N. Pisarevskii. Trudy Radiev. inst. AN SSSR 9:72-77 '59

Low voltage neutron generator. IU. M. Artem'ev and others. Trudy Radiev. inst. AN SSSR 9:134-140 '59.

Measurement of the diffusion length of thermal neutrons in water. IU. F. Romanov, K. A. Petrzhak, M. A. Bak. Trudy Radiev. inst. AN SSSR 9:101-106 '59.

Measurement of the number of neutrons emitted by a radium-beryllium source. IU. F. Romanov. Trudy Radiev. inst. AN SSSR 9:113-119 '59.

Method of determining the phosphorus of nucleic acids by neutron activation combined with electrophoresis. S. P. TSelishchev, V. B. Mogilevkin, B. F. Vanitskii. Doklady TSKhA no. 57 33-39 '60.

Neutron yield from Li^6 (t, n) and Li^7 (t, n) reactions. A. K. Val'ter and others. Atom. energ. 10 no. 6:577-586 Je '61

Radon neutron sources. M. A. Bak and others. Trudy Radiev. inst. AN SSSR 9:107-112 '59.

Using the neutron activation analysis for determining trace phosphorus in biochemical investigations of plants. S. P. TSelishchev, V. B. Mogilevkin. Doklady TSKhA no. 57 41-46 '60.

NEUTRONS—PHYSIOLOGICAL EFFECT

Cytological and embryological changes in peas grown from seeds which have been irradiated by thermal neutrons. K. V. Chaikina, S. P. TSelishchev. Doklady TSKhA no. 57 55-61 '60.

Effect of neutron radiation on metabolism in peas. A. V. Egorov. Doklady TSKhA no. 57 49-54 '60

NEUTRONS—SCATTERING

Analytical structure of the S-function of elastic scattering in the case of infinite potentials [with summary in English]. V. S. Ol'khovskyi, IU. V. TSekhmistrenko. Ukr. fiz. zhur. 6 no. 2 149-156 Mr-Ap '61

Effect of anharmonicity on the energy distribution of non-elastically scattered neutrons. Part 1. Case of weak bonds. V. N. Kashcheev, M. A. Krivoglaz. Fiz. tver. tela 3 no. 5 1532-1540 My '61.

Effect of spin-spin and spin-phonon interaction in ferromagnetics on the energy distribution of scattered neutrons. V. N. Kashcheev, M. A. Krivoglaz. Fiz. tver. tela 3 no. 5 1541-1552 My '61.

Experimental determination of the thermal oscillation spectrum in crystals of arbitrary symmetry with the aid of incoherent monophononic scattering of cold neutrons. L. V. Tarasov. Fiz. tver. tela 3 no. 3:1431-1435 My '61.

Possibility of measuring the polarization arising in the scattering of a neutron by a neutron [with summary in English] A. N. Sytenko, V. F. Kharchenko. Ukr. fiz. zhur. 6 no. 1 20-24 Ja-F '61

NEUTRONS—SPECTRA

Methane diffusion chamber for neutron spectrometry [with summary in English]. M. V. Vlasov, M. B. Fedorov, V. P. Vertebnyi. Ukr. fiz. zhur. 6 no. 2 186-190 Mr-Ap '61.

NEVSKII, VALERIAN PAVLOVICH, 1893-1951

In memory of Valerian Pavlovich Nevskii (1893--1951). M. N. Narzikulov. Ent. oboz. 40 no. 2:460-462 '61.

NEW GUINEA

What the Australian "guardians" pass over in silence. A. Shilkov. Az. i Afr. segi. no. 3:20-22, 25 Mr '61.

NEWS PHOTOGRAPHERS see subdivision under Poland

NEWSPAPER AND PERIODICAL CIRCULATION

The reader, the subscriber, and the "Press Union." N. Mozhaitsev. Sov. pech. no. 7:44-46 Jl '61.

NEWSPAPERS see subdivision under Leningrad

NEWSPAPERS—SECTIONS, COLUMNS, ETC.

The newspaper review. E. P. Prokhorov. Vest. Mosk. un. Ser. 7: Filol., zhur. 16 no. 3:14-23 My-Je '61.

NEZHIN—PIONEERS (COMMUNIST YOUTH)

Older and younger ones. E. Sozdaeva. Nar. obr. no. 7: 58-62 Jl '61.

NIACIN see Nicotinic acid

NICKEL

Thermionic emission from nickel in the presence of halides. E. I. Agishev, IU. I. Beliakov. Zhur. tekh. fiz. 29 no. 12:1480-1483 D '59.

NICKEL—ANALYSIS

Separating gallium from copper and nickel by ion exchange. E. P. TSintsevich, A. N. Gorokhova. Izv. vys. uchab. zav.; khim. i khim. tekh. 3 no. 2:245-250 '60.

NICKEL—METALLOGRAPHY
Effect of substructure on the creep of nickel V M Rozenberg Fiz met i metalloved 11 no 6 899-909 Je '61

NICKEL—METALLURGY
Phenomenon of the afterblow in shaft furnace smelting of oxidized nickel ores and lead sinter I. D Reznik TSvet met 34 no 2 30-38 F '61

NICKEL ALLOYS
Effect of conditions of deformation and subsequent heat treatment on the properties of the E1437B alloy. M. IA Drugutov, B. F. Vakhtanov. Kuz.-shtam. proizv 3 no.3:3-7 Mr '61.

NICKEL ALLOYS—METALLOGRAPHY
Effect of calcium on the plastic properties of the E1765 alloys. S. A. Iodkovskii, A S Loboda Metalloved i term. obr met. no. 6:57-59 Je '61.

NICKEL-ALUMINUM ALLOYS see Aluminum-nickel alloys

NICKEL-ALUMINUM ALLOYS—METALLOGRAPHY
Phase constitution of catalysts obtained by the leaching of Al-Ni alloys D I Lainer, N. M Kagan Fiz met i metalloved. 11 no 6 834-842 Je '61

NICKEL-ALUMINUM ALLOYS—TESTING
Investigation of sintered alloys on the basis of NiAl metallic compounds. S. M. Astrakhantsev, E. I. Mozzhukhin, IA. S. Umanskii. Izv. vys. ucheb. zav., tsvet. met. 4 no.2:110-115 '61.

NICKEL-CHROMIUM ALLOYS
Investigating the deformability of chromium-nickel alloys N. S. Shibalov, A. F. Filippov, N M. Surovoi. Izv vys. ucheb zav , chern. met 4 no. 5 76-84 '61

NICKEL-CHROMIUM ALLOYS—METALLOGRAPHY
Effect of the occurrence of diffusion porosity in nichrome alloys on the sintering of nickel and chromium powders S M. Astrakhantsev and others Metalloved. i term. obr met. no. 7:52-54 Jl '61.
Study of bonding forces in nichrome-type alloys B G Livshits, G A Rymashevskii, N. P. Kosyreva. Izv. vys ucheb zav., chern. met. 4 no. 5 139-146 '61

NICKEL-CHROMIUM-IRON ALLOYS—METALLURGY
Nonferrous material balance for nickel in the blast furnace smelting of chromium-nickel cast iron. A. B. Glovatskii, G. I. Chasovitin. Izv. AN Kazakh SSR. Ser. met., obog. i ogneup no. 1:14-19 '61.

NICKEL-COBALT-TITANIUM ALLOYS—METALLOGRAPHY
Aging of the N35KT alloy. A. V. Smirnova, N. A. Solov'eva. Metalloved. i term. obr. met. no. 3, 16-22 Mr '61.

NICKEL COMPOUNDS
Complex of dimethylglyoxime with tetravalent nickel. I. S. Mustafin, N. S. Frumina. Zhur. neorg. khim. 5 no. 3 571-574 Mr '60.
Conference on the chemistry of complex compounds of cobalt and nickel D. G. Batyr. Zhur. VKHO 6 no. 3 344 '61
Crystal structure of nickel salicyl aldoxime. E. A. Shugam. Trudy IREA no. 22:53-55 '58
Distribution of the isomorphic components during crystallization from aqueous solutions. Report No. 4: Study of the system $(NH_4)_2Ni(SO_4)_2 \cdot 6H_2O$ - $(NH_4)_2Cu(SO_4)_2 \cdot 6H_2O$ - H_2O with the use of radioactive tracers. G I. Gorshtein, N. F. Bashkina. Trudy IREA no. 22:8-11 '58.
Polarographic study of complex compounds of metals with nitroso-R salt, and their use in polarography. IU. I. Vainshtein, N. M. Dianova. Trudy IREA no 22:33-42 '58.

NICKEL OXIDES
Effect of NiO and MnO on the dielectric properties of $BaTiO_3$. IE. A. Staflichuk. Ukr. fiz. zhur. 6 no. 2: 272-279 Mr-Ap '61.

NICKEL OXIDES—ELECTRIC PROPERTIES
Electric conductivity of the system NiO - Li_2O in the temperature range from 20 to 900° C. G. K. Stepanov, A. M. Trunov. Izv. Sib. otd. AN SSSR no. 6:67-70 '61.

NICKEL PLATING
Bright nickel plating with equalizing additions. M. A. Belen'kii, V. I. Lainer, O. A. Petrova. Vest. mash. 41 no. 8:37-41 Je '61.

NICKEL-VANADIUM ALLOYS
Mechanical properties of copper-vanadium and nickel-vanadium alloys at high temperatures. Metalloved. i term. obr. met. no. 3:52-55 Mr '61.

NICOTINIC ACID
Objective test for determining the human vitamin PP supply [with summary in English]. IA. B. Maksimovich, O. V. Maksiutinskaia. Vop. pit. 20 no. 2:82-86 Mr-Ap '61.
Some aspects of nicotinic acid metabolism during the treatment of pregnant subjects with early toxicoses V F Gorvat Akush i gin 37 no 1:57-61 '61
Use of phenatine in hypertension with asthenic syndrome in aged subjects. L. B Gakkel', E. N. Pavlova, A G. Usov. Sov. med 25 no. 5:142-143 My '61.

NIGERIA—POLITICS AND GOVERNMENT
Nigeria became independent. Paulette Pejut. V zashch. mira no. 12 24-31 D '60.
"Savaba," the flag of Niger (with English summary in insert). Aidali Dauda. Az. i Afr. seg. no. 3.26-28 Mr '61.

NIGHT SCHOOLS see Evening and continuation schools

NIGHT SKY
Mechanism of the excitation of oxygen red line in the night-sky glow. A. D Danilov. Isk. sput. Zem no. 8 77-80 '61

NII-JIMA, JAPAN—DEFENSES
Nii-jima does not surrender. P. Krainov. Az. i Afr. seg. no 5:51 My '61

NIKOLAYEV PROVINCE—BIRDS—FOOD
Materials on the feeding of migratory birds in forest belts of the southern Ukraine. N A Khokhlova Ornitologiia no. 3 259-260 '60

NIKOLAYEV PROVINCE—OTOLARYNGOLOGICAL SOCIETIES
Report on the work of the Nikolayev and Nikolayev Province Otolaryngological Society for 1959. Zhur. uch., nos. 1 gorl. bol. 20 no. 4:86-90 Jl-Ag '60.

NIKOLAYEV PROVINCE—STATE FARMS
Work and a sound mind V. Lychko Voiov ateist no 3 10-12 Mr '01.

NIKOLAYEV REGION—BOATBUILDING
Organizing a section of small craft building in the Nikolayev regional administration. Sudostroenie 27 no 5: 74 My '61.

NIKOLAYEVKA REGION (KAZAKHSTAN)—NONFERROUS METALS—METALLURGY
Processing of Nikolayevka deposit ores. A. D. Abianov and others. Trudy Inst. met. i obogashch. AN Kazakh. SSR 3:90-104 '60.

NIKOPOL' REGION (UKRAINE)—MANGANESE MINES AND MINING
Expedient method for the drainage of the Nikopol' deposit open pit mining areas. A. A. Popov, E. A. Shemetov Gor. zhur. no. 6 5-8 Je '61.

NINHYDRIN REACTION
Microdetermination of total nitrogen by the ninhydrin method [with summary in English] A A Kanchukh Biokhimiia 26 no. 3 393-398 My-Je '01

NIOBATES
Ginzburg, A. I., and others. [Titanates, tantalates, and niobates] Titano-tantalo-niobaty. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr. (Geologiia mestorozhdenii redkikh elementov, no. 10) Part. 1. 1960. 166 p.

NIOBIUM—ANALYSIS
Photocolorimetric determination of niobium in titanium alloys and in aluminum alloys with the arsenazo reagent. E. I. Nikitina. Zav. lab. 27 no. 6:663-666 '61.

NIOBIUM—METALLURGY
Equilibrium in the system Nb - C - O. F. G. Kusenko, P. V. Gel'd. Izv. vys. ucheb. zav.; tsvet. met. 4 no. 2: 43-52 '61.

NIOBIUM-MANGANESE ALLOYS see Manganese alloys

NITRATES
Thermal stability of a low-melting mixture potassium nitrites and nitrates. N. K. Voskresenskaia, S. I. Berul'. Zhur. neorg. khim. 5 no. 3:654-659 Mr '60.

NITRATION
Imines of di- and polyketones. Part 7: Nitration of 2-methyl-1, 3-indandione and of its imine, manis, G. A. Vanag. Zhur. ob. khim. 31 no. 1962 Je '61.
Investigating the process of vapor phase nitration of hydrocarbons of the cyclopentane series. Partial nitration of propylcyclopentane. M. A. Peredreeva, Denisenko, S. S. Novikov. Izv. vys. ucheb. zav. khim. tekh. 3 no. 2:312-315 '60.
Nitration of 2, 5-diphenyl-1, 3, 4-oxadiazole. Grekov, R. S. Azen. Zhur. ob. khim. 31 no. 1921 Je '61.

NITRIC ACID
Equilibrium in the system $Ce(NO_3)_3$ - HNO_3 Angelov. Trudy IREA no. 22:18-22 '58.
Solubility in the system $(NH_4)_2Ce(NO_3)_5$ - H I. I. Angelov, K. D. Poslavskaia. Trudy IRE 25 '58.
Solubility in the system $(NH_4)_2Ce(NO_3)_6$ - HNO_3 - H_2O I I Angelov, K D Poslavskaia Trudy IREA no. 22 26-29 '58
Working model of a nitric acid plant. I. N. Sof'in. Khim v shkole 16 no 2 49-52 Mr-Ap '61

NITRIFICATION
Forms of phosphates and the nitrification capacity of soils of the lower mountains of the northern Altai E G. Chagina Izv Sib otd AN SSSR no 6:114-116 '61

NITRIFYING BACTERIA see Bacteria, Nitrifying

NITRILES
Conductometric investigation of the reaction of some nitriles with hydrogen chloride. E N Zil'berman, T. S. Ivcher, E M Peregletchikova Zhur ob khim. 31 no 6:2037-2040 Je '61.

NITRITES
Thermal stability of a low-melting mixture of sodium and potassium nitrites and nitrates N. K. Voskresenskaia, S. I. Berul'. Zhur neorg. khim 5 no 3 654-659 Mr '60

NITRO COMPOUNDS
Nitro complexes of lead and cadmium. V. F. Toropova, F. M. Batyrshina. Izv. vys. ucheb. zav. khim. i khim. tekh. 4 no. 1:11-15 '61.

NITROCELLULOSE
Photochemical degradation of nitrocellulose films. Report No. 2. Effect of oil-containing components on the photochemical degradation of cellulose nitrates in paint coatings. A. I. Plyplina, IA. L. Raskin, Z. A. Rogovin. Lakokras. mat. i ikh prom. no. 3:8-11 '61.

NITROFORM
Synthesis of organomercury nitro compounds. Report 1: Addition of trinitromethane mercury salt to unsaturated hydrocarbons V. A. Tartakovskii, S S. Novikov, T. I Godovikova. Izv. AN SSSR, Otd khim. nauk no. 6:1042-1049 Je '61.

NITROGEN
International Conference on the problems of nitrogen in agriculture. A Peterburgskii Vest. sel'khoz nauki 6 no 8:143-150 Ja '61
Microdetermination of total nitrogen by the ninhydrin method [with summary in English] A. A Kanchukh Biokhimiia 26 no 3 393-398 My-Je '61
Surface tension of solutions of liquified gases N_2--Ar, Ar--CH_4, N_2--CH_4 [with summary in English] IU. P Blagoi Ukr fiz. zhur 5 no 1 109-114 Ja-F '60.
Vapor adsorption on model nonporous sorbents with physically modified surface. Report 1. Low temperature adsorption of nitrogen vapors on carbon black with preadsorbed water. A. I. Saltykov and others. Izv. AN SSSR, Otd. khim. nauk no. 6:974-983 Je '61.

NITROGEN—ANALYSIS
Distribution of sulfur and nitrogen in the products of coking of heavy residual oils in a fluidized bed of finely divided coke G S. Spektor, IA A Botnikov, V. A. Brusina. Khim. sera i azotorg soed. v nefti. i nefteprod. 3:193-197 '60.

NITROGEN COMPOUNDS
Development of methods for the identification of basic and nonbasic nitrogen organic compounds in crude oils. N N Bezinger, G. D Gal'pern. Khim sera i azotorg. soed. v nefti. i nefteprod. 3:130-148 '60.
Nitrogen bases of the Izhbashentskiy oil. M. A Abdurakhmanov, N. D. Riabova. Khim. sera i azotorg soed. v nefti. i nefteprod. 3:207-209 '60
Nitrogen organic compounds in the Devonian oil of the [illegible]

NITROGEN OXIDE (Continued)

New method for the laboratory production of nitric oxide G B Vol'fkov, L D'iakov Khim v shkole 16 no 2 78-79 Mr-Ap '61

Part played by nitrogen dioxide in the autoaccelerated decomposition of nitroglycerin B S Svetlov Kin i kat 2 no 2 179-183 Mr-Ap '61

NITROGLYCERIN

Part played by nitrogen dioxide in the autoaccelerated decomposition of nitroglycerin B S Svetlov Kin i kat 2 no 2 179-183 Mr-Ap '61

NITROSOMONAS

Adaptation of Nitrosomonas to conditions of various natural substrates [with summary in English] O M Ul'yanova Mikrobiologiia 30 no 2 236-242 Mr-Ap '61

Defense of dissertations A F Kosmachev. Mikrobiologiia 30 no 2 377-378 Mr-Ap '61

NIZHNIY TAGIL—MINING MACHINERY

Setting up a heavy drop hammer at the "Magnetite-Bis" mine N G Dobrov Prom. stroi 39 no 1 16-19 '61

NIZHNIY TAGIL—RAILROADS—CARS

If you like your factory. IU. Antsiferov. Mashinostroitel' no. 6:33-34 Je '61

NIZHNIY TAGIL—STEELWORKS

Investigating the performance of metal structures of cranes used in warehouses for finished products of roughing shops at the Nizhniy Tagil Steelworks. V N Bogoiavlenskii, V N Sutorikhin Trudy Ural politekh inst no 104 74-78 '61

NIZHNIY TAGIL—STONE IMPLEMENTS

Stone implement workshop on the Golyy kamen' near Nizhniy Tagil V M Raushenbakh Sov arkheol 5 no 2 164-171 '61.

NIZHNIY TAGIL REGION—ROCK DRILLS

Adoption of sinker drills in the mines of the Nizhniy Tagil metallurgical combine. V D Legeza, P. Kh. Borokhov. Gor zhur. no 4,30-32 Ap '60

NIZHNYAYA TUNGUSKA see Lower Tunguska Valley

NOISE

(see also subdivision under Moscow)

Hygienic characteristics of noise caused by the rolling stock of railroads and measures for its control [with summary in English]. A M. Volkov. Gig. i san 26 no 1 33-39 Ja '61.

Noise control in test centers of airplane engine plants. N K. Razumov Gig. i san. 26 no. 1 100-104 Ja '61.

NOISE—PHYSIOLOGICAL EFFECT

Effect of noise on the central nervous system in workers employed in nail production [with summary in English]. M. L Khaimovich. Trudy LSGMI 61 139-148 '60.

Effect of noise on the hearing organ in workers employed in nail production [with summary in English] M. L. Khaimovich Trudy LSGMI 61:147-150 '60.

Effect of vibration and noise on the functional condition of the motor analyzer [with summary in English]. A. I. Vozhzhova, A F. Lebedeva Trudy LSGMI 61.102-111 '60

On hearing functions in mold breakers [with summary in English]. G. I. Zuev. Trudy LSGMI 61.97-101 '60.

NOLINSK DISTRICT—REGIONAL PLANNING

Planning Nolinsk District. L. Kniazeva, A. Spirin. Sel'. stroi 16 no 5:23-24 My '61.

NOMOGRAPHY (MATHEMATICS)

Constructing nomograms on the "Ural" machine. M V. Pentkovskii, G K Rozhok. Vest AN Kazakh. SSR 17 no 5 31-36 My '61

Principal factors causing thermal transformations in the lower atmospheric layer and their quantitative calculation by the use of nomographs. A. A. Bachurina, M. S. Konlukhova Trudy TSIP no. 110:19-25 '61.

Rated nomogram for the combustion equation in diesel engines IU. IA. Fomin. Izv. vys. ucheb. zav., mashinostr. no. 4:133-136 '61.

NONANE

Kinetics of transformation of 2, 8-dimethyl-5-thianonane and 5, 7-dipropyl-5-thiaundecane in the presence of an aluminosilicate catalyst. R. D. Obolentsev, L. N. Gabdullina. Khim. sera i azotorg. soed. v neft. i nefteprod. 3:261-270 '60.

NONANOIC ACID

Carbochain polymers and copolymers. Part 33: Copolymerization of methylmethacrylate with polyhydroxypelargonate containing a methacrylic end group [with summary in English]. G. S. Kolesnikov, TSzen Khan'-min (Tseng Han-ming). Vysokom. soed. 3 no. 6:919-924 Je '61

NONCONTENTIOUS JURISDICTION

"Judicial procedure in the establishment of legal facts" by R. F Kallistratova. Reviewed by P. F. Eliseikin. Izv. vys. ucheb zav. ;prav. 4 no. 1:158-160 '60.

Noncontentious jurisdiction [with summary in English]. M A Kabanova Vest LGU 16 no. 11,131-135 '61

The practice of notarial agencies Sov just no. 12:18 Je '61

NONENE

Catalytic alkylation of tetralin by 1-nonene in the presence of aluminum N I. Shuikin, N. A. Pozdniak. Izv. AN SSSR Otd. khim nauk no 6 1156-1158 Je '61

NON-EUCLIDEAN GEOMETRY see Geometry, Non-Euclidean

NONFERROUS INGOTS

Heat exchange between castings and molds. K. L. Sheptunov. TSvet. met. 34 no. 6 72-76 Je '61.

NONFERROUS METAL INDUSTRIES

(see also subdivision under East Kazakhstan Province; Krasnoyarsk Territory, Ust'-Kamenogorsk)

Use of plant potentialities to increase their capacity and the output of nonferrous and rare metals TSvet met 34 no 2 1-4 F '61

NONFERROUS METAL INDUSTRIES—BY-PRODUCTS

Complete utilization of the substances contained in coal and some of the nonferrous metal ores. M.A.Menkovskii. Nauch. trudy MGI no. 27:5-12 '59

NONFERROUS METAL INDUSTRIES—COSTS

Methods of determining production costs in complicated nonferrous complex metal industries. S. A. Pervushin. Izv. vys. ucheb. zav.; tsvet. met. 4 no. 2:142-149 '61.

NONFERROUS METALS

(see also subdivision under Armenia; Leninogorsk region)

Fishman, M. A., and D. S. Sobolev. [Nonferrous and rare-metal ore dressing practices] Praktika obogashchenila rud tsvetnykh i redkikh metallov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu.

Vol. 3. [Dressing of nickel and cobalt ores] Obogashchenie nikelevykh i kobal'tovykh rud. Pod red. A. V. Troitskogo, 1961, 150 p.

Limits for the application of induced sublevel caving on one of the complex ore deposits. B V Bugorskii, Trudy Alt. GMNII AN Kazakh SSR 9 119-129 '60

Main features of the geological textures in complex metal deposits of the Fiagdon-Genaldon interfluve in Northern Caucasus. V. B. Chernitsyn, S. M. Rypinskii, A. V. Apollonov. Izv. vys. ucheb. zav., tsvet. met. 4 no. 2 3-10 '61.

Sulfate mineralization and other characteristics of ores from the Fasnal complex ore deposit. A. A. Kurdiukov. Izv. vys. ucheb. zav.; tsvet. met. 4 no. 2:19-22 '61.

We shouldn't waste nonferrous metals. V. Viktorov. Agitator no 13-38 Jl '61.

NONFERROUS METALS—BIBLIOGRAPHY see Bibliography—Nonferrous metals

NONFERROUS METALS—CONGRESSES

Conference on problems of the converter process. TSvet. met. 34 no. 6 81-84 Je '61.

Meeting of the Permanent Committee of the Mutual Economic Assistance Council on Nonferrous Metallurgy TSvet. met. 34 no. 6 95 Je '61.

Resolutions of the technological conference on problems of nonferrous metallurgy in the Rudnyy Altai Trudy Alt. GMNII AN Kazakh. SSR 9 251-258 '60.

NONFERROUS METALS—CORROSION

Nikitina, O. A. [Protection of nonferrous metals from corrosion] Zashchita tsvetnykh metallov ot korrozii. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1960. 76 p. (Khimiia v promyshlennosti)

NONFERROUS METALS—ELECTROMETALLURGY

Greater use of compensating equipment. R. I Shindel'man TSvet. met. 34 no. 2 83-84 F '61.

NONFERROUS METALS—FOUNDING

Effect of inoculation on the feeding of castings. K. N. Militsyn. Lit. proizv. no. 3:28-30 Mr '61.

Iokhol', L. L., and V. T. Drobinseva. [Mechanized casting of nonferrous metal fillings in permanent molds] Mekhanizatsiia lit'ia armalury iz tsvetnykh splavov v metallicheskie formy; opyt Leningradskogo liteino-armaturnogo zavoda. Leningrad, 1960. 17 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom: Liteinoe proizvodstvo, no. 9)

Vsesoiuznoe nauchno-tekhnicheskoe soveshchanila po tekhnologii fasonnogo lit'ia iz splavov tsvetnykh metallov, Moscow, 1958. [Technology of mould casting of nonferrous alloys] Tekhnologiia fasonnogo lit'ia iz splavov tsvetnykh metallov; trudy. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 141 p.

NONFERROUS METALS—METALLOGRAPHY

X-ray study of the crystal structure of nonferrous metals in conditions of alternating load at room and low temperatures. IU. S. Terminasov, A. M. Toropov. Izv. vys. ucheb. zav.; tsvet. met. 4 no. 2:116-122 '61.

NONFERROUS METALS—METALLURGY

(see also subdivision under Altai Mountains, Armenia, Kazakhstan; Nikolayevka region, Kazakhstan)

Behavior of impregnated elements during the processing of complex ores A. M Okonishnikov Trudy Alt GMNII AN Kazakh. SSR 9 207-220 '60

Converting complex metal mattes and speiss D. G Mc-Jer Trudy Alt. GMNII AN Kazakh SSR 9 238-242 '6-

Cyclone method of processing nonferrous metal concentrates V V. TSygnov. Trudy Alt GMNII AN Kazakh SSR 9 201-206 '60.

Diomidovskii, D. A. [Metallurgical furnaces in nonferrous metallurgy] Metallurgicheskie pechi tsvetnoi metallurgii Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 728 p.

"Economic aspects of nonferrous metallurgy" by S A Pervushin and others. Reviewed by V. I. Smirnov, A I. Zaplavnyi. TSvet. met. 34 no. 6 86-88 Je '61.

Effect of colloid ition on the purification of neutral solutions from copper and cadmium. V. G. Ageenkov, Z. A. Serikov. Izv. vys. ucheb. zav.; tsvet. met. 4 no. 2:53-57 '61.

Efficient cooperation between ore dressing plants and metallurgy. V. E Luney Trudy Alt GMNII AN Kazakh SSR 9 16-28 '60.

Processing complex ore matters M. A Abdeev. Trudy Alt. GMNII AN Kazakh SSR 9 168-172 '60.

Research carried out in 1960 by the Northern Caucasus Institute of Mining and Metallurgy. A. E. Sokolov, Izv. vys. ucheb. zav., tsvet. met. 4 no. 2:167-168 '61.

Selecting a method of metal recovery from slags resulting from cyclone roasting. P. F. Panfilov, L. A. Onaev, Trudy Inst. met. i obogashch. AN Kazakh. SSR 3:150-167 '60.

Suspension roasting of concentrates. I. I. Penalmendeh Trudy Inst. met. i obogashch. AN Kazakh. SSR 1 105-121 '60.

Treatment of arsenic-containing semifinished products of nonferrous metallurgy. L. M Kabanova Trudy Alt GMNII AN Kazakh SSR 9 247-250 '60.

NONFERROUS METALS—WELDING

Follow-up of V. IA. Khazov's article entitled: "Investigating the fusion process in the butt welding of nonferrous metal machine parts." V. S Lifshits. Svar. proizv. no 7:39-41 Jl '61.

NONMETALLIC MATERIALS—THERMAL PROPERTIES

Determining thermophysical coefficients for nonmetallic materials. G. A. Anisovich, R. N. Grinkevich, E. V. Shrachenko. Sbor. nauch. trud. Fiz.-tekh. inst. AN BSSR no 183-192 '60.

NORADRENALINE

Influence of the sympathetic nerve, adrenaline and noradrenaline on cardiac rest potential. Khuan-Sin li [Huang Hsing-ya] Fiziol. zhur. 47 no. 4:465-471 Ap '61

NORIL'SK—ESCHERICHIA COLI

Characteristics of enteropathogenic serological types of E. coli recovered during intestinal diseases of infants in Noril'sk; author's abstract. M D. Krylova Zhur. mikrobiol epid. i immun 32 no. 2:114-115 F '61.

NORIL'SK REGION—GEOLOGY, STRATIGRAPHIC

Find of a boulder with upper Cretaceous marine fauna in the Noril'sk region. A. G. Kravtsov. Inform. biul. NIIGA no. 18 19-21 '60

Stratigraphic position of volcanogenic formations of the Yergalakhskaya series in the Noril'sk region IA I. Pol'kin. Inform. biul. NIIGA no. 19:27-30 '60.

NORIL'SK REGION—ROCKS, IGNEOUS

Differentiated trappean intrusion of Zub Mountain in the Noril'sk area [with summary in English]. N.A.Cherova. Geol. i geofiz. no. 5:65-72 '61.

NORSTEROIDS

Synthesis of 19-norsteroids based on 3-methoxy-Δ 1,3, 5,(10), 8, 14 -D-homoestrapenta-17a-enone. S. N. Ananchenko and others. Izv. AN SSSR. Otd. khim. nauk no. 8:1074-1080 Je '61.

NORTH ATLANTIC TREATY ORGANIZATION

NATO's nuclear missile problems. S. Illarionov. Mezhdunar zhizn' 8 no. 7.29-35 Jl '61

NORTH KAZAKHSTAN PROVINCE—CORN (MAIZE)—COSTS

Economic efficiency of raising corn for ensilage in North Kazakhstan Province. N Ivanenko, G. Kalymbetova. Ekon. sel'khoz. 32 no. 6:44-48 Je '61

NORTH KAZAKHSTAN PROVINCE—FARM MANAGEMENT

Utilize potentials of the second stage of virgin land reclamation more fully. B. Dvortskii. Ekon. sel'khoz. 32 no. 6:75-79 Je '61.

NORTH KAZAKHSTAN PROVINCE—SOIL FORMATION

Primary stages of soil formation on massive-crystallite rocks of the undulating plains of North Kazakhstan [with summary in Russian]. M. A. Vinokurov, L. G. Bukharen Pochvovedenie no. 6:1-10 Je '61.

NORTH KAZAKHSTAN PROVINCE—STOCK AND STOCK-BREEDING
Utilize potentials of the second stage of virgin land reclamation more fully B Dvortskii Ekon. sel'khoz. 32 no. 6 75-79 Je '61

NORTH KAZAKHSTAN PROVINCE—WOMEN—EMPLOYMENT
Political work among women. N. Drozdetskaia. Part. zhizn' no 14:23-20 Jl '61.

NORTH KOREA see Korea, North

NORTHEAST PASSAGE
First passage of warships throught the northern sea route. P. Gaikov. Sov voin 43 no. 11 21 Je '61.
New documents on James Cook's expedition. R. Ovchinnikov. Vokrug sveta no. 6:43, -58 Je '01.

NORTHERN CAUCASUS see Caucasus, Northern

NORTHERN DONETS-DONETS BASIN CANAL
Industrial-type construction of a reinforced concrete closed canal. B. Rutkovskii, B. Beletskii, O. Vereshchagin-Tanko. Stroi. i arkhit. 9 no. 4:22-23 Ap '61.

NORTHERN DVINA DELTA—SOILS
Agrochemical properties of soils of the "Primorskii No. 4" State Farm G V. Afanas'ev. Dokl. TSKhA no 80 111-116 '61.

NOSE—DISEASES
Allergic diseases of the nose and its accessory sinuses (as revealed by Polish and Czech otorhinolaryngological periodicals from 1956 to 1959). R. A. Barilluk. Zhur. ush., nos. i gorl. bol. 21 no. 2:88-90 Mr-Ap '61.
Clinical and morphological peculiarities of hypertrophic rhinitis in relation to the age of patients [with summary in English]. A. N. Mikhailkina. Zhur. ush., nos. i gorl. bol. 20 no. 5:30-34 S-O '60.
Cytology of the nasal secretion from the point of view of diagnosing allergic conditions. V. Chladek. (From Acta Oto-Laryngologica, V. XXXV, Fasc. 5-6.) Zhur. ush., nos. i gorl. bol. 20 no. 4:78 Jl-Ag '60.
Inflammatory diseases of the nasal cavity and its accessory sinuses; survey of foreign literature for 1957-1959. E. A. Neifakh. Zhur. ush., nos. i gorl. bol. 20 no. 4:73-77 Jl-Ag '60.
Place of eosinophilic rhinitis in the clinical aspects of allergic diseases [with summary in English]. I. P. Lerner, E. S. Brusilovskii. Zhur. ush., nos. i gorl. bol. 21 no. 2:34-39 Mr-Ap '61.
Some functional changes in the nasal mucosa under the influence of cement dust [with summary in English]. S. A. Davydov, IU. L. Petrov, T. E. Bobok. Zhur. ush., nos. i gorl. bol. 20 no. 4:39-43 Jl-Ag '60.

NOSE—DISEASES—BIBLIOGRAPHY see Bibliography—Nose—Diseases

NOSE—FOREIGN BODIES
Prolonged symptomless presence of a foreign body in the nasal cavity. I. L. Brandt. Zhur. ush., nos. i gorl. bol. 20 no. 5:68 S-O '60.

NOSE—INNERVATION
Adaptive function of the sympathetic innervation of the nasal mucosa [with summary in English]. G. S. Izmailov. Zhur. ush., nos. i gorl. bol. 20 no. 4:18-21 Jl-Ag '60.

NOSE—SURGERY
Method for subgranulative skin transplantation [with summary in English]. I. S. Proskuriakova. Zhur. ush., nos. i gorl. bol. 21 no. 2:31-34 Mr-Ap '61.

NOSE—TUMORS
Case of extramedullary plasmocytoma of the nasal septum. V. V. Lazo. Zhur. ush., nos. i gorl. bol. 21 no. 2:74-76 Mr-Ap '61.
Causes of the frequent recurrence of nasal polyps, methods for prevention, and treatment. IA. D. Missionzhnik. Zhur. ush., nos. i gorl. bol. 20 no. 4: 65-66 Jl-Ag '60.

NOSE, ACCESSORY SINUSES OF
Puncture of Highmore's antrum by means of a "needle in a needle." E. M. Kharshak. Zhur. ush., nos. i gorl. bol. 21 no. 2:86-88 Mr-Ap '61.

NOSE, ACCESSORY SINUSES OF—CANCER
Malignant tumors of the nasal cavity and the paranasal sinuses and the diseases which precede them [with summary in English]. F. I. Lapidus, K. P. Ganina, N. G. Sheremet-Shcherbak. Zhur. ush., nos. i gorl. bol. 21 no. 3:19-23 My-Je '61.

NOSE, ACCESSORY SINUSES OF—DISEASES
Allergic manifestations in the mucosa of the accessory sinuses of the nose. V. Hlavasek. (From Cs. otolaryngologie, V—4—1956.) Zhur. ush., nos. i gorl. bol. 20 no. 4:77-78 Jl-Ag '60.
Clinical significance of measuring air pressure in the maxillary sinus in highmoritis [with summary in English]. A. I. Aronskii. Zhur. ush., nos. i gorl. bol. 21 no. 2:54-58 Mr-Ap '61.
Highmoritis of dental origin [with summary in English]. N. I. Zaslavskii. Zhur. ush., nos. i gorl. bol. 21 no. 2: 50-53 Mr-Ap '61.
Method for conservative sparing treatment of highmoritis. A. I. Aronskii. Zhur. ush., nos. i gorl. bol. 20 no. 4:63-64 Jl-Ag '60.
Pyosinus [with summary in English]. D. A. Bytchenko. Zhur. ush., nos. i gorl. bol. 20 no. 4:26-20 Jl-Ag '60.
X-ray treatment of chronic highmoritis in children [with summary in English]. N. A. Dolgorozheva, M. M. Mints. Zhur. ush., nos. i gorl. bol. 20 no. 4:21-25 Jl-Ag '60.

NOSE, ACCESSORY SINUSES OF—FOREIGN BODIES
Rare foreign body in the lateral wall of the nose and nasopharynx. S. K. IUrchenko. Zhur. ush., nos. i gorl. bol. 20 no. 4 56-57 Jl-Ag '60.

NOSE, ACCESSORY SINUSES OF—SURGERY
Infiltration anesthesia in radical surgery in Highmore's antrum. A. M. Talyshinskii. Zhur. ush., nos. i gorl. bol. 20 no. 4 62-63 Jl-Ag '60.

NOSE, ACCESSORY SINUSES OF—TUMORS
Case of cyst of Highmore's antrum. K. P. Ganina, N. G. Sheremet-Shcherbak. Zhur. ush., nos. i gorl. bol. 20 no. 4 55-56 Jl-Ag '60.
New achievements in the diagnosis and treatment of tumors of the nose and its accessory sinuses. Part 3: Tumors of the accessory sinuses of the nose; survey of foreign literature for 1957-1959. N. N. Simirnov. Zhur. ush., nos. i gorl. bol. 20 no. 4:67-73 Jl-Ag '60.

NOTARIES
The practice of notarial agencies. Sov. iust no. 12:18 Je '61.

NOVAYA USMAN' DISTRICT—AGRICULTURAL MACHINERY
Practice of a mechanized mixed brigade. N. Manukovskii. Ekon. sel'khoz 32 no. 6:80-84 Je '61

NOVGOROD—ARCHAEOLOGY
What new contribution to science does A. V. Artsikhovskii's article "On the Novgorod chronology" make B. A. Rybakov. Sov arkheol 5 no 2 141-163 '61

NOVGOROD—HISTORY—CHRONOLOGY
What new contribution to science does A. V. Artsikhovskii's article "On the Novgorod chronology" make B. A. Rybakov. Sov. arkheol 5 no 2-141-163 '61

NOVGOROD PROVINCE—SWINE
Popov, A. M. [Producing 646 kilograms of pork every day] Kazhdyi den' 646 kilogrammov svininy. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 19 p. (Reshenila ianvarskogo (1961 g.) Plenuma TsK KPSS - v zhizn'!) (DA)

NOVGOROD REGION—POTTERY
On A. A. Bobrinskii's article "The Pid'ba potters" R. L. Rozenfel'dt. Sov. arkheol. 5 no. 2, 265-267 '61.

NOVIKOV, ANATOLII GRIGOR'EVICH, 1900-
Sokhor, A. N. ["Hymn of democratic youth" by A. G. Novikov] "Gimn demokraticheskoi molodezhi" A. G. Novikova. Moskva, Sovetskii kompozitor, 1960. 15 p. (V pomoshch' slushateliam narodnykh universitetov kul'tury: Besedy o muzyke)

NOVOANNENSKIY DISTRICT—AGRICULTURE
"Rejuvenated land" by V. Viskov, S. Karatnev. Reviewed by V. Osheiko. Part. zhizn' no. 14:75-76 Jl '61.

NOVOCAINE
Analysis of the influence of novocaine on nerve structures [with summary in English]. T. V. Pravdich-Neminskaia. Eksper. khir. 4 no. 6:10-17 N-D '59.
Change in the trophicity of tissues under the influence of a novocaine block. Report No. 2: Study of the permeability of tissues by means of radioactive isotopes in the area of the local action of a novocaine block. S. N. Muratov. Eksper. khir. 4 no. 6:46-49 N-D '59.
Effect of novocaine on arterial pressure and the development of experimental arteriosclerosis [with summary in English]. N. T. Kovaleva. Pat. fiziol. i eksp. terap. 5 no. 3:30-33 My-Je '61.
Effect of novocaine on the vaccination reaction and antibody production in immunization with a tetravaccine; author's abstract. Ting Fon-hua. Zhur. mikrobiol epid. i immun. 32 no. 2:106 F '61.
Immunological effectiveness and reactogenic properties of a polyvaccine containing novocaine [with summary in English]. L. B. Kheifets, M. I. Khazanov, S. K. Kanareikina. Zhur. mikrobiol. epid. i immun. 32 no. 2:101-106 F '61.
Increasing the contractile capacity of the uterus in cesarean section. M. O. Shylko. Ped., akush. i gin. 23 no. 1:51-53 '61.
Novocaine therapy of climacteric neuroses [with summary in English]. K. N. TSutsul'kovskaia. Sov. med. 25 no. 4:78-85 Ap '61.
Physiological mechanism of the direct action of novocaine on a nerve [with summary in English]. A. A. Vishnevskii, B. I. Khodorov. Eksper. khir. 4 no. 6: 3-10 N-D '59.
Prevention of hemorrhagic collapse in placental and early postnatal hemorrhages by means of intravenous use of novocaine. D. IU Myrovych Ped., akush. i gin 23 no 1:17-50 '61.
Some anatomical data on lumbar block by A. V. Vishnevskii's method. A. A. Blokhina. Zdrav. Tadzh. 6 no. 3:44-46 My-Je '61.
Treatment of acute suppurative otitis media complicated by mastoiditis with subperiosteal injections of novocaine-penicillin [with summary in English]. E. M. Cherepanova. Zhur. ush., nos. i gorl. bol. 20 no. 5: 11-14 S-O '60.
Treatment of bronchial asthma in children by intravenous use of novocaine in a complex with antibiotics. O N. Safronova. Ped., akush i gin. 23 no. 1-32 '61.
Using alcohol-novocaine blocks for therapeutic purposes O F. Rusinov Visnyk sil'khosp nauky 4 no 7 114-115 Jl '61.

NOVOKUYBYSHEVSK—CHEMICAL PLANTS
The complex will be finished ahead of time. M. Ushamirskii Na stroi. Ros no. 1 5-6 Ap '61.

NOVOROSSIYSK—CARGO HANDLING
Give all harbors the benefit of the experience acquired by the Novorossiysk dock workers. Mor. flot 21 no. 6 43 Je '61.
Representatives of new trades. A. Vladimirov. Komsom. zhizn' no. 23:21-23 D '59.

NOVOROSSIYSK—DOCKS
Representatives of new trades. A. Vladimirov. Komsom. zhizn' no. 23:21-23 D '59

NOVOROSSIYSK—HARBOR
Change the method of planning port operations. P. Shemotiuk. Mor. flot 21 no. 1, 4-6 Ja '61.

NOVOSELOVKA REGION (STALINO PROVINCE)—XIPHOSURA, FOSSIL
Paleolimulus from the lower Permian of the Donets Basin. N. V. Glushenko, V K. Ivanov. Paleont. zhur no 2-128-130 '61

NOVOSIBIRSK—CHILDREN'S CLUBS
We are building life in the communist way L. Efremenkov Sots trud 6 no 5-100-105 My '61

NOVOSIBIRSK—COLD STORAGE WAREHOUSES
Heat insulation operations in the construction of a cold storage plant. F. T. Smirnov. Mont. i spets. rab. v stroi. 23 no. 5:27-29 My '61.

NOVOSIBIRSK—CONCRETE PLANTS
Automatic control of autoclave operations at the Novosibiruk air-entrained concrete plant V. M Natochin, M N. Kurbatov, E. I. IUzhanin Stroi. mat. 7 no 5:27-29 My '61
Plant producing air-entrained concrete articles in Novosibirsk M. fA. Krivitskii, A. A. Leirikh, I. D. Metelkin Stroi. i mat 7 no. 5:23-27 My '61.

NOVOSIBIRSK—REINFORCED CONCRETE
Let's raise the quality of reinforced concrete articles. V. M. Bolkov. Bet. i zhel.-bet. no. 6:220-222 My '61.

NOVOSIBIRSK—RESTAURANTS, LUNCHROOMS, ETC.
We are building life in the communist way. L. Efremenkov. Sots. trud 6 no 5 100-105 My '61

NOVOSIBIRSK—STEEL INDUSTRY—QUALITY CONTROL
What practice of the Novosibirsk Metallurgical Plant proves I. Genken, M. Simakov. Sots. trud 6 no 5 113-118 My '61

NOVOSIBIRSK PROVINCE—AGRICULTURAL CREDIT
Establishing norms for the working capital and supplying credit to state farms V. Semenov, I. Novoslavskii. Den. i kred 19 no 6 33-42 Je '61.

NOVOSIBIRSK PROVINCE—AGRICULTURE
Efforts of the Novosibirsk Province Communists to increase the production of grain, from 1953 to 1958 P S. Aboiantsev Trudy Nov. inzh.-stroi inst 9:20-50 '59
Experience of advanced workers to all farms. NTO 3 no. 6:28 Je '61.

NOVOSIBIRSK PROVINCE—ANTHRAX
Epidemiology of anthrax in persons in Novosibirsk Province during the decade 1949-1958. V K. Viazhevich Zhur. mikrobiol. epid. i immun 31 no 12 100-101 D '60.

NOVOSIBIRSK PROVINCE—SMALLPOX
Some peculiarities of human and bovine smallpox. V. K. Viazhevich Zhur. mikrobiol. epid. i immun. 32 no 4 149 Ap '61.

NOVOSIBIRSK PROVINCE—SOIL STABILIZATION
Soil stabilization in Novosibirsk Province with pulverized quick lime treated for waster resistance. G. N. Lovchanovskii, Z. F. Egorova, A. E. Zverikov. Avt. dor. 24 no. 5-10-12 My '61.

NOVOUFIMKA—CRACKING PROCESS—EQUIPMENT AND SUPPLIES

Modernization of catalytic cracking units at the Novoufimka Petroleum Refinery. M. Sh. Levinter and others. Khim. i tekh. topl. i masel. 6 no. 7:1-6 Jl '61.

NOVO-VORONEZH—ATOMIC POWER INDUSTRY

At the Novo-Voronezh Atomic Plant. Na strol. Ros. no. 3:2 of cover. D '60.

NOVO-VORONEZHSKIY (VORONEZH PROVINCE)—ATOMIC POWER PLANTS

Atom is our friend. IU. Dobrilakov. Zdorov'e 7 no. 7:21-22 Jl '61.

NOVO-VOZNESENKOVA REGION—HAWKS

Materials on the feeding of the kite Milvus korschun Gm. in the central Tien Shan. I. S. Turov. Biul. MOIP, Otd. biol. 66 no. 3:117-118 My-Je '61.

NOVYYE SENZHARY—DRUGSTORES

Collective of communist labor. V. O. Kudelych. Farmatsev. zhur. 16 no. 3:62-65 '61.

NUCLEAR COUNTERS

Sonde with a boron counter for measuring moisture content by means of the neutron method. V. A. Emel'ianov. Biul. tekh.-ekon. inform. no. 5:65-66 '61.

NUCLEAR ENGINEERING

Improved programs for reactor design. Atom. energ. 10 no. 6:637. Je '61.

Thermodynamic cycles of atomic power stations. D. D. Kalafati. Atom. energ. 10 no. 6:623-624. Je '61.

NUCLEAR ENGINEERING—INSTRUMENTS

Ionic-optical method for producing membranes with tiny apertures. L. B. Rozenfel'd, A. I. Makarov. Izv. AN SSSR, Ser. fiz. 25 no. 6:754-756 Je '61.

NUCLEAR FISSION

Anisotropy of the fission fragments of Pu^{240} and Pu^{239} nuclei. V. G. Nesterov, G. N. Smirenkin, I. I. Bondarenko. Atom. energ. 10 no. 6:620-622 Je '61.

Fission of heavy nuclei ($Z \leqslant 73$) at high excitation energies. V. P. Shamov. Trudy Radiev. inst. AN SSSR 9:52-54 '59.

Mechanism of the fission of uranium at high excitation energies. V. P. Shamov. Trudy Radiev. inst. AN SSSR 9:45-51 '59.

Polarization of nucleons generated in the diffraction fission of deuterons. V. K. Tartakovs'kyi. Ukr. fiz. zhur. 6 no. 2:273-275 Mr-Ap '61.

Special cases of the fission of uranium nuclei induced by slow neutrons. N. A. Perfilov, Z. I. Solov'eva. Trudy Radiev. inst. AN SSSR 9:5-40 '59.

NUCLEAR MAGNETIC RESONANCE AND RELAXATION

Gurevich, I. I., and I. IA. Pomeranchuk. [Theory of resonance absorption in heterogeneous systems] Teoriia rezonansnogo pogloshchenila v geterogennykh sistemakh. Moskva, 1955. 16 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Macroscopic equations for the magnetic moment in some problems on magnetic resonance [with summary in English]. N. N. Korst. Zhur. eksp. i teor. fiz. 40 no. 1:249-255 Ja '61.

Measuring the rate of flow of fluids by means of nuclear resonance. A. I. Zhernovoi. Priborostroenie no. 7:6-7 Jl '61.

Overhauser effect and the "secondary signal" of electron paramagnetic resonance [with summary in English]. A. V. Kessenikh. Zhur. eksp. i teor. fiz. 40 no. 1:32-33 Ja '61.

[illegible] resonance in aya- [illegible] summary in Eng- [illegible]

[illegible] of a nonlocal factorable potential to the problem of three bodies in nuclear theory [with summary in English]. B. B. Dotsenko. Dop. AN URSR no. 4:473-477 '61.

From the editor. Trudy Radiev. inst. AN SSSR 9:3 '59.

NUCLEAR-POWERED SHIPS see Atomic ships

NUCLEAR REACTIONS

Investigating the (γ, n) reaction on Sn^{112} and Sn^{124} isotopes [with summary in English]. Go TSi-di [Kuo Ch'i-ti], B. S. Ratner, B. V. Sergeev. Zhur. eksp. i teor. fiz. 40 no. 1:85-87 Ja '61.

Neutron yield from Li^6 (t, n) and Li^7 (t, n) reactions. A. K. Val'ter and others. Atom. energ. 10 no. 6:577-586 Je '61.

NUCLEAR REACTORS

(see also subdivision under Great Britain; Oak Ridge, Tenn.; United States)

Coming-of-age of the atom. G. Ostroumov. IUn. tekh. 5 no. 3:8-10 Mr '61.

Design of a CAN-1 reactor. Atom. energ. 10 no. 6:637-638 Je '61.

Dolin, P. I., and B. V. Ershler. [Radiolysis of water in the presence of H_2 and O_2 caused by reactor radiation, fission fragments, and X rays] Radioliz vody v prisutstvii H_2 i O_2 pod deistviem izlucheniia reaktora, oskolkov deleniia i rentgenovskogo izlucheniia. Moskva, 1955. 30 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Partial refueling in nuclear reactors. E. I. Grishanin, B. G. Ivanov, V. N. Sharapov. Atom. energ. 10 no. 6:565-571 Je '61.

Theory of the effect of radiation on certain properties of graphite. V. M. Agranovich, I. P. Semenov. Atom. energ. 10 no. 6:572-576 Je '61.

NUCLEAR REACTORS—MATERIALS

Materials for high-temperature gas-cooled reactors. Atom. energ. 10 no. 6:640-643 Je '61.

NUCLEAR SPIN

Effect of spin-spin and spin-phonon interaction in ferromagnetics on the energy distribution of scattered neutrons. V. N. Kashcheev, M. A. Krivoglaz. Fiz. tver. tela 3 no. 5:1541-1552 My '61.

NUCLEI, ATOMIC

Dependence of the electronic moment of the $^1\Sigma^* \rightarrow {}^1\Sigma$ transition on the internuclear distance for BaO, CaO, and MgO molecules. F. S. Ortenberg. Ukr. fiz. zhur. 6 no. 1:145-147 Ja-F '61.

Deuteron scattering by nonaxial nuclei. IU. A. Berezhnoi. Ukr. fiz. zhur. 6 no. 2:275-277 Mr-Ap '61.

Diffraction interaction of deuterons having semitransparent nuclei with diffuse edges [with summary in English]. A. H. Sytenko, V. K. Tartakovs'kyi. Ukr. fiz. zhur. 6 no. 1:12-19 Ja-F '61.

Studying the lower excited states of Mn^{56} and Ho^{166} by measuring the coincindences of cascade γ-quanta [with summary in English]. A. S. Melioranskii, I. V. Estulin, L. F. Kalinkin. Zhur. eksp. i teor. fiz. 10 no. 1:64-71 Ja '61.

NUCLEI, ATOMIC—SPECTRA

Problems in nuclear spectroscopy. V. P. Parfenova, A. A. Sorokin. Vest. AN SSSR 31 no. 5:119-120 My '61.

NUCLEIC ACIDS

Characteristics of the cytoplasm RNA fraction not extractable with phenol. L. S. Mil'man. Vop. med. khim. 7 no. 2:212-214 Mr-Ap '61.

Chemistry of the nucleic acids DNA and RNA. A. S. Spirin. Zhur. VKHO 6 no. 3:260-267 '61.

Cytochemistry of nucleotides with nucleic acids in liver cells of the axolotl. G. I. Roskin, L. V. Balicheva. TSitologiia 3 no. 3:305-311 My-Je '61.

Histochemical studies on desoxyribonucleic acid in the foci of necrosis. A. K. Ageev. Arkh. pat. 23 no. 5:37-40 '61.

Histochemical study of proteins, nucleic acids, and polysaccharides in diffuse and nodular goiter in thyrotoxicosis. V. B. Zolotarevskii. Arkh. pat. 23 no. 5:40-46 '61.

Inactivative and mutagenic action of the chemical alteration of nucleotides in viral nucleic acid. H. Schuster, A. Gierer, K. W. Mundry. Zhur. VKHO 6 no. 3:293-297 '61.

Mechanism of biological synthesis of nucleic acids. R. B. Khesin. Zhur. VKHO 6 no. 3:254-259 '61.

Metabolic activity of the components of nuclear sap [with summary in English]. G. P. Georgiev, O. P. Samarina. Biokhimiia 26 no. 3:454-461 My-Je '61.

Method of determining the phosphorus of nucleic acids by neutron activation combined with electrophoresis. S. P. TSelishchev, V. B. Mogilevkin, B. F. Vaniushin. Doklady TSKhA no. 57:33-39 '60.

[illegible] version of ribonucleic acid into desoxyribid during the multiplication of the silkworm [illegible] us. L. M. Tarasevich, E. F. Ulanova. no. 3:334-340 My-Je '61.

[illegible] the biosynthesis of nucleic acids in the of wheat, corn, and peas [with summary in English]. H. I. Semenenko. Ukr. biokhim. zhur. 33 no. 3:340-347 '61.

Some data on the interaction of soluble ribonucleic acid of the plasma sap of leaves and intracellular structures [with summary in English]. Zh. A. Medvedev. Biofizika 6 no. 3:279-283 '61.

Study of the ribonucleic acid content of neurons of the central nervous system of the Macaca rhesus monkey in the process of immunogenesis [with summary in English]. O. G. Andzhaparidze, E. E. Rozina, A. M. Amchenkova. Zhur. mikrobiol. epid. i immun. 32 no. 1:22-28 Ja '61.

"Temperature effect" and macromolecular structure of high-polymeric ribonucleic acids of different origin [with summary in English]. A. S. Spirin. Biokhimiia 26 no. 3:511-522 My-Je '61.

NUCLEIC ACIDS—MAGNETIC PROPERTIES

Anomalous magnetic properties of nucleic acids [with summary in English]. L. A. Blumenfel'd. Biofizika 4 no. 5:515-520 '59.

NUCLEONS

Higher charge and magnetic moment distribution of the nucleon [with summary in English]. V. N. Bogomolov, M. V. Terent'ev. Zhur. eksp. i teor. fiz. 40 no. 1:321-327 Ja '61.

Polarization of nucleons generated in the diffraction fission of deuterons. V. K. Tartakovs'kyi. Ukr. fiz. zhur. 6 no. 2:273-275 Mr-Ap '61.

NUCLEOTIDES

Cytochemistry of nucleotides and nucleic acids in liver cells of the axolotl. G. I. Roskin, L. V. Balicheva. TSitologiia 3 no. 3:305-311 My-Je '61.

Enzymatic activity of the venom of some snakes [with summary in English]. I. I. Nikol'skaia. Biokhimiia 26 no. 3:530-534 My-Je '61.

Inactivative and mutagenic action of the chemical alteration of nucleotides in viral nucleic acid. H. Schuster, A. Gierer, K. W. Mundry. Zhur. VKHO 6 no. 3:293-297 '61.

NUMBERS, COMPLEX

Integral transformations connected with straight line complexes in a complex affine space. I. M. Gel'fand, M. I. Graev. Dokl. AN SSSR 138 no. 4:758-761 '61.

NUMBERS, PRIME

Theory of the distribution of sets of primes with given differences between them. A. F. Lavrik. Dokl. AN SSSR 136 no. 6:1287-1290 Je '61.

NUREK HYDROELECTRIC POWER STATION

Nurek Hydroelectric Power Station on the Vakhsh River. S. A. Borovets. Gidrotekh. 31 no. 6:3-8 Je '61.

Subjugators of Vakhsh. L. Cheshkova. Vokrug sveta no. 7:17-20, 31 Jl '61.

Winter levels of the Amu Darya River in connection with the design of the Nurek Hydroelectric Power Station. V. P. Svetitskii and others. Izv. AN Uz. SSR. Ser. tekh. nauk no. 3:45-58 '61.

NUREMBERG TRIAL OF MAJOR GERMAN WAR CRIMINALS, 1945-1946

Judgement of peoples ("The Nuremberg Trial of Major German War Criminals." Reviewed by M. Vasil'ev). Novyi mir 37 no. 6:271-274 Je '61.

A lesson and a warning. M. Gus. Znamia 31 no. 6:179-183 Je '61.

NURSERIES (HORTICULTURE)

Effect of irrigation on the growth and quality of fruit tree seedlings. M. K. Ol'khovs'kyi. Visnyk sil's'kohosp. nauky 4 no. 6:67-71 Je '61.

Kuzhelenko, V. G. [Growing nursery stock] Vyrashchivanie posadochnogo materiala. Kishinev, Gos. izd-vo "Kartia moldovenieske," 1961. 37 p. (Biblioteka plodovoda Moldavii)
(DA)

NURSES AND NURSING see subdivision under Veterans

NURSES AND NURSING—LEGAL STATUS, LAWS, ETC

Legal regulation of the work of head nurses. I. I. Tsarkova. Med. sestra no. 5:59-61 My '61.

NUTMEG

Nutmeg butter. L. M. Dranovskaia. Maslob.-zhir. prom. 27 no. 6:33-35 Je '61.

NUTRITION

Publicizing adequate nutrition for persons of middle and old age. L. V. Baranovskii. Vop. pit. 20 no. 3:84-85 My-Je '61.

Therapeutic and prophilactic diet for workers and employees. L. IUdelevich. Sots. trud 6 no. 5:47-53 My '61.

NUTS—CHEMICAL COMPOSITION

Biochemical characteristics of walnut in Daghestan. L. D. Musaeva. Biokhim. pl. i ovoshch. no. 6:203-218 '61.

Biochemical composition of walnut kernels in the Ukraine. L. K. Polishchuk. Biokhim. pl. i ovoshch. no. 6:197-[illegible] '61.

NYLON

Effect of the conditions of shaft blowing on the quality of capron silk. G. A. Malafeev. Khim. volok. no. 5:[illegible] '61.

Filters made of caprone. N. Pishchulin, A. Malykin. Sb. strol. Ros. no. 3:33 Mr '61.

Implantation of a capron net in a cavity following radical ear surgery [with summary in English]. N. G. Averbakh. Zhur. ush., nos. i gorl. bol. 21 no. 1:45-49 Ja-F '61.

OAK

(see also subdivision under Azerbaijan, Caspian Sea region; Kuban; Ukraine)

Drought resistance of early and late leafing types of oak. I. F. Hrytsenko. Visnyk sil'hosp. nauky 4 no. 7:101-108 Jl '61.

Furrow-row cultivation of oak in the steppe. I. M. Likskii. Biul. nauch.-tekh. inform. Ukr. NIILKhA no. 3:39-43 '57.

OAK (Continued)
Growing period of the horizontal roots of oak (Quercus robur L.) within a year. S. N. Karandina. Soob. Lab. lesoved. AN SSSR no. 4:54-69 '61.
How the origin of acorns affects the growth and drought resistance of oak seedlings I I Starchenko. Visnyk sil' hosp nauky 4 no 6 116-119 Je '61

OAK—DISEASES AND PESTS
(see also subdivision under Voronezh Province)
Using diesel oil solutions of DDT and benzene hexachloride for the control of secondary oak pests. L. L. TSap. Biul. nauch. -tekh. inform. Ukr. NIILKhA no. 3/4 62-64 '57.

OAK BREEDING
Remote hybridization of the oriental and the cork oak (Quercus suber L. × Quercus variabilis Blume). Van Min-Siu (Wang Ming-hsiu). Izv. vys. ucheb. zav., les zhur 4 no 2:29-34 '61.

OAK RIDGE, TENN.—NUCLEAR REACTORS
Fast pulse reactor Atom. energ. 10 no. 6:630 Je '61.

OATS
Effect of gibberellin on the growth and development of kidney beans and oats in soils with various calcium content A V. Peterburgskii Dokl TSKhA no 64, 19 24 '61
Effect of 2, 4-D on weeds in the monoculture of oats on turf-Podzolic soils of various fertility. A N Kiselev, L. P'u Dokl TSKhA no. 64 133-140 '61
Using 2M-4X herbicides on flax and oat fields where perennial grasses have been interplanted. B. A Dospekhov Dokl. TSKhA no. 61, 117-122 '61.

OATS—FERTILIZERS AND MANURES
Effect of the distribution of fertilizers in soil on the yield of oats A. V. Peterburgskii, B. Debretseni Doklady TSKhA no 57 113-118 '60
How the placement of organic fertilizers at different depths affects the yields of winter rye and vetch-oat mixtures on sandy soils of the non-Chernozem zone. A. E. Osin. Dokl. TSKhA no. 60 61-67 '61.

OB' RIVER—WHITEFISHES
Run of the whitefish Coregonus mukaun Pallas in the Ob' River and its distribution in the Ob' Delta. L. M Balakhonova, V. V. Barsukov. Vop. ikht 1 no 2:262-274 '61.

OB' VALLEY—FORESTS AND FORESTRY
Dostal', V. G. [Forests of the Ob-Irtysh Basin and their industrial utilization] Lesa Ob'-Irtyshskogo basseina i ikh promyshlennaia ekspluatatsiia. Moskva, Goslesbumizdat, 1961. 107 p.

OB' VALLEY—OIL SANDS
Determining the porosity of the Mesozoic sediments in the middle Ob' Valley. E. I. Leont'ev Geol. nefti i gaza 5 no. 6 44-46 '61.

OB' VALLEY—SILTSTONE
Reservoir properties of the Jurassic and Valanginian sandy siltstones in the middle Ob' Valley S I Shishigin, V L Kokunov. Geol. nefti i gaza 5 no. 6 40-44 '61.

OBLIGATIONS (LAW)
Ancillary obligations V. T. Smirnov. Izv vys ucheb. zav. ,prav 4 no. 1:62-72 '60.

OBNORSKII, VIKTOR PAVLOVICH, 1852-1920
Miroshnikov, I. IA. [Viktor Obnorskii, an outstanding worker-revolutionary] Viktor Obnorskii - vydaiushchiisia rabochii-revoliutsioner. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 103 p.

OBSERVATORIES see subdivision under Kirovograd Province

OCCUPATIONAL DISEASES
Effect of noise on the central nervous system in workers employed in nail production [with summary in English]. M. L. Khaimovich. Trudy LSGMI 68:139-146 '60.

OCEAN BOTTOM see subdivision under Barents Sea; Pacific Ocean

OCEAN CURRENTS
(see also subdivision under Atlantic Ocean; Black Sea; Pacific Ocean)
Development of research on ocean currents. P. S. Lineikin Trudy Okean. kom. 10 no. 1:16-20 '60
Diagram representing the general circulation of surface waters in the world ocean. V N. Stepanov. Trudy Okean. kom 10 no. 1:69-78 '60.
Integration of equations in the theory of sea currents in not simply connected regions. V. M. Kamenkovich. Dokl. AN SSSR 138 no. 5:1076-1079 Je '61.
Ocean currents caused by wind and thermal effects. P. S Lineikin Dokl. AN SSSR 136 no 6:1341-1344 Je '61.
Relation between the fields of wind waves and currents. E. G. Nikiforov Trudy Okean. kom. 10 no. 1:22-30 '60
Resultant and secondary currents in seas with tides. V V Timonov Trudy Okean kom 10 no 1:43-44 '60

OCEAN CURRENTS—MEASUREMENT
Nature of wave interference in recording the electromagnetic measurement of currents [with summary in English]. F. I. Eskin Vest. LGU 16 no. 12 158-160 '61.

OCEAN TEMPERATURE
(see also subdivision under Atlantic Ocean; Pacific Ocean)
Approximate temperature calculation for the active layer of the sea L A Zhukov Trudy Okean kom 10 no 1:50-60 '60.
Surface heat budget (balance) of the world ocean. V. N. Stepanov Trudy Okean. kom 10 no 1-78-81 '60

OCEANOGRAPHIC INSTRUMENTS
Lightweight attachable floats of a new design. V. M. Skornikov Meteor. i gidrol. no. 7:37 Jl '61.
Method of locating damages in the cable of remote-controlled instruments at sea. M. M. Bogorodskii Meteor. i gidrol. no. 7:38-39 Jl '61

OCEANOGRAPHIC RESEARCH
(see also subdivision under Antarctic regions; Atlantic Ocean)
Basic principles governing the organization of oceanographic research at sea. A. D Dobrovol'skii Trudy Okean. kom. 10 no. 1:3-8 '60.
Important historical document L. A. Zenkevich. Priroda 50 no. 7, 88-91 Jl '61.
Oceanographic research methods. V. A Zenin. Trudy Okean kom. 10 no. 1:9-15 '60.
Ultrasonic impulses in the simulation of marine seismic reverberations. B. A. Osipova. Uch zap. AGU. Geol. -geog ser. no. 5 35-46 '59.

OCEANOGRAPHIC RESEARCH STATIONS
Branches and stations of the Institute of Oceanology. Vest AN SSSR 31 no 5-101-102 My '61.

OCEANOGRAPHY
Quantitative relationships between the transport of water, heat, and salts in the ocean R. S. Bortkovskii. Trudy Inst. okean. 52:171-179 '61.
Small-scale turbulence in the surface layer of the sea rough with fully developed wind waves. S A. Kitaigorodskii Trudy Inst. okean 52:87-96 '61
Theory of turbulence and turbulence in the sea. R V. Ozmidov Trudy Inst okean 52:07-114 '61
Theory of turbulent mixing in the sea with reference to depth calculations for the upper isothermal layer. S A Kitaigorodskii. Trudy Inst. okean 52:3-80 '61
Zero surface of the world ocean. O. I. Mamaev. Trudy Okean kom. 10 no. 1:31-42 '60.

OCEANOGRAPHY—BIBLIOGRAPHY see Bibliography—Oceanography

OCEANOGRAPHY—CONGRESSES
Akademiia nauk SSSR. [Report on the First International Oceanographic Congress] Otchet o I Mezhdunarodnom okeanograficheskom kongresse. Moskva, Izd-vo Akad. nauk SSSR, 1961. 66 p. (Okeanograficheskaia komissiia. Biulleten', no. 7)

OCTADIENE
Ion-catalytic telomerization. Part 3: New method of separating primary allyl halo derivatives from a mixture of isomers. Geranyl chloride Sesquiterpene chlorides. K. V Leete Zhur. ob khim. 31 no. 6: 1869-1876 Je '61.

OCTOPUS see subdivision under Liaotung Gulf

ODESSA—ARCHITECTURE
Seaside stairway in Odessa. Stroi. i arkhit. 9 no. 4:33 Ap '61.

ODESSA—ATHEISM
In winter as well as in summertime. I. Komendant. Voiov ateist no. 3:39-41 Mr '61.

ODESSA—CARGO HANDLING
Innovators of the Odessa Port. Mor. flot 21 no. 1:34 Ja '61.

ODESSA—DRUGS
Something on the work of the Odessa Pharmacy Depot. M. S. Skubal. Farmatsev. zhur. 16 no. 3:66-67 '61

ODESSA—LIBRARIES
Library planned in Odessa. A. Gol'denberg. Stroi. i arkhit. 9 no. 4:36-37 Ap '61.

ODESSA—OILS AND FATS
Remodeling crushing and fanning and rolling departments. M. M. Shekhter. Masl. -zhir. prom. 27 no. 6:38-39 Je '61.

ODESSA—OTOLARYNGOLOGICAL SOCIETIES
Report on the activity of the Odessa and Odessa Province Otolaryngological Society for 1960. Zhur. ush., nos. i gorl. bol. 21 no. 3:91-95 My-Je '61.

ODESSA, BATTLE OF, 1941
A page of history. I. Azarov. Sov. voin 43 no. 9:34-36 My '61.
The Odessa party organization during the defense of the city. P N. Ivanov. Vop. ist. KPSS 5 no. 4 49-63 '61

ODESSA PROVINCE—FINANCE
Studying the financial condition of enterprises. A. Stepanenko Fin SSSR, 22 no. 6 26-32 Je '61.

ODESSA PROVINCE—TILES
Tile made of red-brown loams N. Il'dkevich Stil' had 11 no. 4 19-20 Ap '61.

OFFENSES AGAINST SOCIALIST PROPERTY
Socialist property is sacred and inviolable. I. Sudnikov. Kommunist 38 no. 10-61-68 Jl '61
There are many thefts where accounting is bad. I Antipov. Sov just no. 12:5-7 Je '61

OFFICE EQUIPMENT AND SUPPLIES
(see also subdivision under Armenia, Europe, Eastern; Pozzuoli)
Mechanizing accounting, planning and designing work, and the work of engineers and technicians V Starovskii Sots. trud 5 no 12 3-11 D '60.

OFFSET PRINTING—EQUIPMENT AND SUPPLIES
Automation in the manufacture of bimetallic offset plates on steel. M. V. Bukhmarev. Poligr. proizv. no. 5 18-19 My '61.

OGIEVSKII, VASILII DMITRIEVICH, 1861-1921
Scientific work of Professor V D. Ogievskii. V V. Ogievskii Izv. vys. ucheb. zav., les. zhur. 4 no. 2: 168-170 '61.
Scientist specializing in forestry research and experimentations. V. V. Ogievskii. Vest. sel'khoz nauki 6 no 6:137-139 Je '61

OIL FIELD BRINES—ANALYSIS
Hydrochemical and some other guides in determining oil potential. M. E. Al'tovskii Razved. i okh. nedr 26 no. 2:39-42 F '60.

OIL FIELD FLOODING
Calculating well bottom pressures in a circular series of water drive wells of imperfect penetration A. L. Khein. Trudy VNII no 10 40-52 '57
Determining the site for a dividing row of injection wells in the production of large oil fields M M Glogovskii, O. I. Borokhov. Trudy VNII no 10.216-220 '57
Method for calculating the elastic drive process at given pressures in production and injection wells N S Piskunov. Trudy VNII no 10 3-24 '57
Nonsteady fluid and gas flow toward the circular series of imperfect cased wells in an infinite reservoir A L Khein. Trudy VNII no 10 25-30 '57
Radial flooding of bubble point oil M. D Rozenberg Trudy VNII no. 10.266-294 '57.
Using surface active agents in petroleum production. A. A. Amaev, V. M. Salazhev. Neft. khoz. 39 no. 4: 33-37 Ap '61.
Using well test data for determining fictitious viscosity in order to calculate edge water drive of bubble point oil. I. D Amelin Trudy VNII no 10 296-302 '57.

OIL FIELDS—EQUIPMENT AND SUPPLIES
Mikhailov, K. F. [Manual for oil-field mechanics] Spravochnik mekhanika neftepromysla. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 363 p.
New equipment for oil fields. IU. N. Ovsiannikov. Bezop. truda v prom. 5 no. 6-20-22 Je '61.

OIL FIELDS—PRODUCTION METHODS
(see also subdivision under Sakhalin; United States)
Determining specific capital investments in oil production; a topic for discussion. D. A. Marchenko. Neft. khoz. 39 no. 4:1-6 Ap '61.
Effect of the time factor in the production of watered wells on the shape of the edge water line and oil and water recovery ratio P M Belash, M I Maksimov. Trudy VNII no. 10-221-239 '57.
Increasing oil recovery by deep freezing of well bottoms. M. A. Gelman, V. S. Ugolev, V. I. Shenneva. Neft. khoz. 39 no. 7:31-36 Jl '61
Method of determining the economic effectiveness of automatic control in petroleum production enterprises. M. M. Umanskii, L. M Umanskii. Neft. khoz. 39 no. 7: 5-10 Jl '61.
Petroleum production of Bashkiria in 1960-1961. A. M. Baikov. Neft. khoz. 39 no. 7,1-5 Jl '61.
Safety measures in oil well completion by air injection. R. IA. Estrin, A. A. Arzumanov. Bezop. truda v prom. 5 no. 6:12-13 Je '61.
"Thermal methods used in oil recovery" by V. S. Ugolev, V. I. Musinov. Reviewed by M. Bagirov. Neft. khoz. 39 no. 7:70-71 Jl '61.

OIL FIELDS—SAFETY MEASURES
(see also subdivision under Azerbaijan)
Design a device for checking explosion hazards in a gas-air medium. G. IU. Samedov. Bezop. truda v prom. 5 no. 6:36 Je '61.

OIL FILTERS

Repairing coarse oil filters. K Pokkine Tekh v sel'khoz 21 no 6 75 Je '61

OIL HYDRAULIC MACHINERY

Investigating hydraulic impact losses and impact coefficients in blade systems of hydraulic torque converters N K Nagornaia Vest mash 41 no 6 73-27 Je '61

Selecting a single-stage hydrodynamic torque converter for the winch of an electric crane S A. Parshchik, A K. Tishchenko Izv. vyn ucheb zav., mashinostr. no. 4:52-60 '61

Use of single-stage complex hydraulic torque converters with rotating blades in the transmission. A N Narbut Avt. prom 27 no. 6:17-26 Je '61

OIL RESERVOIR ENGINEERING

Basis for determining water cut oil layers. G L Govorova, Z. K. Riabinina Trudy VNII no 10 247-249 '57

Calculating the depletion of oil fields in dissolved gas drives M D Rozenberg Trudy VNII no 10 250-256 '57

Calculation of the ultimate yield from water-free imperfect wells based on modeling data D. A. Efros, R A Allakhverdieva Trudy VNII no 10 101-130 '57.

Changes in the permeability of the filtering zone of a layer occurring during the exploitation of wells. D. N. Kuz'michev, E. M. Tosunov. Neft. khoz. 39 no. 4. 38-41 Ap '61.

Displacement of petroleum by gas and water M D Rozenberg. Trudy VNII no 10 141-215 '57

Experimental studies of the simultaneous oil and water flow toward imperfect wells. S V Safronov, R A Allakhverdieva Trudy VNII no 10 131-140 '57

Experimental study of the structure of oil and gas flow in a flowing well. IU. N. Vasil'ev, R. A. Maksutov, A. I. Bashkirov. Neft. khoz. 39 no. 4:41-44 Ap '61.

Flow of bubble point oil at slightly variable saturations L. G Kogan, M D. Rozenberg Trudy VNII no 10 303-311 '57.

Homogeneous liquid flow toward an imperfect oil well. T. F. Ivanov Izv. AN SSSR. Otd tekh nauk. Mekh i mashinostr. no. 3:195-198 My-Je '61.

Petroleum recovery from layers containing bottom waters. N S Piskunov. Trudy VNII no 10 89-100 '57.

Radiometric method for controlling oil saturation in the studies of bubble point oil flow in hydrodynamic models of porous media D. I. Leipunskaia and others Trudy VNII no. 10 349-356 '57

Simplifying calculations of basic indices of the development of banded sections of oil pools IU P. Borisov, O. I. Dorokhov Trudy VNII no. 10 240-246 '57

Solving problems of underground hydrodynamics by finite differences. G G Vakhitov Trudy VNII no 10 53-87 '57

Studying the hydraulic disruption of an oil-bearing stratum. Cross-shaped crack. G. V. Vronskii, L. N. Karpenko. PMTF no. 1:76-84 Ja-F '61.

Types of equations of the continuity of nonhomogeneous fluid flows. D. A. Efros. Trudy VNII no 10 312-317 '57

Using the hydraulic cutoff method for measuring changes in saturation. D A. Efros, S A. Kundin Trudy VNII no. 10 339-348 '57

OIL SANDS see subdivision under Ob' Valley

OIL WELL CASING

(see also subdivision under Bashkiria)

Casings without couplings. M. R. Shneiderov, V. A. Allakhverdieva. Neft. khoz. 39 no. 4:26-28 Ap '61.

OIL WELL CEMENTING

Viscous material for cementing deep wells S. M. Roisk, A M. Dmitriev. Neft. khoz. 39 no. 7:25-29 Jl '61.

OIL WELL DRILLING

(see also subdivision under Kuybyshev Province; Otradnyy)

Hydrodynamic method of rating the efficiency of oil well perforating. G. G. Poliakov. Neft. khoz. 39 no. 7: 39-43 Jl '61.

Permissible deflections of bottom holes from the planned position; a topic for discussion. IU. S. Vasil'ev and others. Neft. khoz. 39 no. 4:14-20 Ap '61.

Possibility of drilling straight wells without load limit, N. S. Timofeev, V. O. Belorussov. Neft. khoz. 39 no. 4: 9-14 Ap '61.

Shan'gin, A. N. [Drilling deflected wells] Burenie napravlenno-iskrivlennykh skvazhin. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 63 p. (Bibliotechka buril'shchika)

Visiting session of the permanent committee on boring of the State Scientific Technological Board of the R S. F. S. R. P. I. Denisov. Biul. tekh. -ekon. inform no. 6:72-73 '61

Ways of increasing the efficiency of turbodrill turbines. B. G. Liubimov. Neft. khoz. 39 no. 7:11-15 Jl '61.

OIL WELL DRILLING—COSTS

Possibilities of lowering drilling costs. M. K. Zaitsev. Neft. khoz. 39 no. 4:7-8 Ap '61.

OIL WELL DRILLING—EQUIPMENT AND SUPPLIES

Efficient lowering of drilling tools. G M Shakhmaliev Neft khoz 39 no 7 15-10 Jl '61.

Experience of working on heat fastening of joints on drill pipes in the enterprises of the State Association of the Azerbaijan Petroleum Industry. G V. Tarusov. Neft khoz. 39 no 7:60-63 Jl '61

OIL WELL DRILLING, ELECTRIC—EQUIPMENT AND SUPPLIES

Using electrodrills and turbodrills in aeration drilling. M. A. Geiman and others. Neft. khoz. 39 no. 4 21-26 Ap '61.

OIL WELL DRILLING, SUBMARINE see subdivision under Caspian Sea, Stalingrad Province

OIL WELL DRILLING FLUIDS

(see also subdivision under Bashkiria)

Gurvich, M. M. [Carbon alkali reagent used in oil well drilling] Issledovanie ugleshchelochnogo reagenta, primeniaemogo v neftianom burenii. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1960. 156 p.

Mixtures with high plugging properties. I. IA. Kapustin. Neft. khoz. 39 no. 4:29-33 Ap '61.

OIL WELL LOGGING, ELECTRIC

Using preserved cores to interpret oil field geophysical data A P. Anpilogov, L. I Orlov Geol nefti i gaza 5 no 6 46-50 '61

OIL WELL PUMPS

Results of the industrial testing of the BV-60 pump and liquid compensator for reducing pressure fluctuations in pipes. A. E. Rotte. Neft. khoz. 39 no. 4 45-50 Ap '61.

OIL WELLS

Suleimanov, A. B. [Technology and procedure in operating with small diameter holes] Tekhnologiia i tekhnika ekspluatatsii skvazhin malogo diametra. Baku, Azerbaidzhanskoe gos. izd-vo neft. i nauchno-tekhn. lit-ry, 1960. 221 p.

OILS AND FATS

(see also subdivision under Kishinev; Odessa)

Economic efficiency of the ND-1250 extraction unit. A. N. Samoilov, E. I Vishnevetskaia. Masl. -zhir. prom. 27 no. 6 39-40 Je '61.

Expansion of the production of synthetic fat substitutes. Masl. -zhir. prom 27 no. 6:46-47 Je '61.

Nutmeg butter. L. M. Dranovskaia. Masl. -zhir. prom. 27 no. 6. 33-35 Je '61.

On the 50th anniversary of the hydrogenation of fats in the U. S. S. R. A. S. Kliuchevich. Masl. -zhir. prom. 27 no. 6. 4-7 Je '61.

Producing modified fats of given composition and properties by transetherification. M. K. IAkubov. Masl -zhir. prom 27 no. 6 13-16 Je '61.

Purification of water-soluble organic liquids by extraction with secondary oils. Report No. 1 A. A Prianishnikov Trudy IREA no 22 174-177 '58

We shall fulfill the seven-year plan ahead of schedule. P. V Limkin. Masl. -zhir. prom. 27 no. 6:41 Je '61.

Worthy welcome to the 22d Congress of the CPSU. Masl. -zhir. prom. 27 no. 6. 1-3 Je '61.

OKA VALLEY—ANTIQUITIES

The site of Podboritsa-Shcherbinskaya. I. K. TSvetkova Sov arkheol 5 no 2:172-185 '61.

OKA VALLEY—ETHNOLOGY

Gorlunova, E. I. [Ethnic history of the Volga-Oka interfluve] Etnicheskaia istoriia Volgo-Okskogo mezhdurech'ia. Moskva, Izd-vo Akad. nauk SSSR, 1961. 264 p. (Materialy i issledovaniia po arkheologii SSSR, no. 94)

OKA VALLEY—HAWKS

Quantitative estimation of the influence of kites on the abundance of birds in the Oka flood plain. V. M Galushin. Ornitologiia no 3.161-172 '60

OKA VALLEY—LANDFORMS

Landforms along the south bank of Oka, Moscow Province. S. S. Sudakova. Vop. geog. no. 51 99-119 '61.

OKA VALLEY—RADIO ASTRONOMY

Major center of radioastronomy. V. V. Vitkevich. Vest. AN SSSR 31 no. 5:23-32 My '61.

OKHOTSK, SEA OF—BENTHOS

Ecological characteristics of benthic invertebrate communities in the Sea of Okhotsk. A. I. Savilov. Trudy Inst. okean. 46:3-84 '61

OKHOTSK, SEA OF—GRAVIMETRY

Gravimetric surveying with marine static gravimeters in the Sea of Okhotsk and the Pacific Ocean. K. E. Veselov and others. Prikl. geofiz. no. 29:136-156 '61.

OKHTA—CITY PLANNING

Building up the riverside area of Bol'shaya Okhta. D. D. Baragin. Stroi. i arkhit. Len. 23 no. 4:3-6 Ap '61.

OKTYABR'SKIY —CONSTRUCTION INDUSTRY

Il'ich was here. B. Vinogradova. Na stroi. Ros. no. 4:2 of cover Ap '61.

OKTYABR'SKIY DISTRICT—GRAIN

A large grain factory Z Frank. Ekon. sel'khoz. 32 no 6 61-65 Je '61

OLD BELIEVERS

Social and political ideas of the first Old Believers and the common people L. E Ankudinova Uch zap LGU no 270 60-82 '59

OLD TURKISH INSCRIPTIONS see Inscriptions, Turkish (Old)

OLEANDOMYCIN

Strain of the producer of oleandomycin [with summary in English] S. I. Alikhanian, K P Garina Antibiotiki 5 no 3:14-17 My-Je '60.

OLEFINS

Alkylation of benzene by olefins of after-scrubber gas used in the production of divinyl by the Lebedev process. S. V. Zavgorodnii, T. B. Gonsovskaia. Izv. vys. ucheb. zav.; khim. i khim. tekh 4 no. 1:128-132 '61.

Copolymers of fluorinated olefins. S. N. Borisov. Kauch. i rez. 20 no. 7:8-11 Jl '61.

High temperature alkylation of cyclopentane by olefins L. Kh. Freidlin, N. M. Nazarova, E. F. Litvin. Izv. AN SSSR. Otd. khim. nauk no. 8 1146-1148 Je '61

Oxidation of diolefins over copper catalysts. N. I Popova E. E. Vermel'. Kin. i kat 2 no 2:235-239 Mr-Ap '61

Reactions of fluorinated olefines. Reactions between fluorinated olefins and hydrogen sulfide. A V Fokin, A. A Skladnev, I. L. Knuniants Dokl. AN SSSR 138 no 5:1132-1135 Je '61

Synthesis of organomercury nitro compounds. Report 4 Addition of trinitromethane mercury salt to unsaturated hydrocarbons V A. Tartakovskii, S. S. Novikov, T. I Godovikova. Izv. AN SSSR. Otd. khim. nauk no. 6:1042-1049 Je '61.

OLEIC ACID

Thermal and radiolytic oxidation of methyl oleate. F B. Burlakova and others. Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no 2:265-271 '60.

OLENEK VALLEY —DIAMONDS

Preliminary work results of the Birekta, Dzhelinda, and Anabar Expeditions in 1959. V. IA Kabanikov, F. IA. Radin. Inform biul. NIIGA no 18:48-53 '60.

OLEOMARGARINE

Solution of technological problems connected with the production of margarine testing like butter [with summary in English]. N. I. Kozin, V. I. Varibrus. Vop. pit. 20 no. 2:51-54 Mr-Ap '61.

OL'SHANKA RIVER—PIKE PERCH

Fertility of zander of different ages and sizes from the Ol'shanka River [with summary in English]. M. D. Bilyi. Dop. AN URSR no. 4:534-537 '61.

OLYMPIC GAMES see subdivision under Rome

OMENTUM—SURGERY

Splenectomy in combination with omentohepatofixation in splenomegalic cirrhosis of the liver. G. S. Grigor'iants. Med. zhur. Uzb. no. 1:70-71 Ja '61.

OMSK—MATHEMATICS—AUDIO-VISUAL AIDS

Importance of model making for academic instruction and training A. Nudel'man. Nar. obr. no. 7:49-52 Jl '61.

OMSK—POTATOES—VARIETIES

Carotene content of yellow-fleshed potato varieties under conditions prevailing in Omsk. V. N. Ruchkin, O. N. Zotova. Biokhim. pl. i ovoshch. no. 6:122-131 '61.

OMSK—RADISHES

Biochemical characteristics of wild radish (Raphanus raphanistroides). G. P. Eremeev, P. V. Shebunin. Biokhim. pl. i ovoshch. no. 6.132-136 '61.

OMSK PROVINCE—EDUCATION, COOPERATIVE

Schools with industrial training need much attention. V. Sedakov. Nar. obr. no. 7:43-46 Jl '61.

OMSK PROVINCE—GRAIN ELEVATORS

All of the purchased grain is well stored. G. Nardashevskii. Muk. -elev. prom. 27 no. 5:8 My '61.

OMSK PROVINCE—SWINE

I shall fatten 12,000 swine and give to the state 10000 centners of meat. T. Pereshivko. Ekon. sel'khoz 32 no. 2:28-30 F '61.

ONIONS—FERTILIZERS AND MANURES see subdivision under Ukraine

ONTOGENY

Characteristics of ontogeny of Hesperis matronalis L. I. P. Ignat'eva. Dokl. TSKhA no. 59:161-170 '60.

OPEN-HEARTH FURNACES

(see also subdivision under Krivoy Rog)

Basic unfired two-ply refractories for the crown of open-hearth furnaces. Ogneupory 26 no. 5.245-246 '61.

Conference on the problem of planning open-hearth shops with heavy furnaces. Prom. stroi. 39 no 4:61-62 '61.

OPEN-HEARTH FURNACES (Continued)

Construction of roofs for the main buildings of open-hearth shops. T. N. Kozhevnikova. Prom. stroi. 39 no. 4 27-31 '61.

Dynamic characteristics of open-hearth furnaces according to pressure in the melting zone. V. S. Kocho and others. Izv. vys. ucheb. zav.; chern. met. 4 no. 6, 168-172 '61.

Firing open-hearth furnaces by cold high-calorie gas without addition of fuel oil. N. N. Dobrokhotov. Vop. proizv. stali no. 8:3-9 '61.

Firing open-hearth furnaces with a mixture of coke and natural gases. M. M. Khil'ko, M. S. Shkliar. Metallurg 6 no. 7, 11-13 Jl '61.

Investigating the melting of the open-hearth furnace charge with various methods of using oxygen [with summary in English]. K. M. Trubetskov and others. Stal' 21 no. 3 214-222 Mr '61.

Performance of open-hearth furnaces with single-channel checkers. E. I. Dikshtein, V. S. Antipin, M. G. Kozhanov. Biul. tekh.-ekon. inform. no. 6, 3-6 '61.

Protecting the structural units of the open-hearth buildings from corrosive actions of the atmosphere. N. P. Shalamov. Prom. stroi. 39 no. 4, 19-27 '61.

Radiation shielding in open-hearth furnace processes. B. M. Ziobinskii, N. S. Nemtsov. Bezop. truda v prom. 5 no. 7, 7-8 Jl '61.

Transfer of 200 and 400-ton open-hearth furnaces to firing by natural gas. I. I. Kobeza. Vop. proizv. stali no. 8, 18-23 '61.

OPEN-HEARTH FURNACES—COMBUSTION

Investigation of thermal processes in open-hearth furnaces during their firing with natural gas. I. I. Kobeza. Vop. proizv. stali no. 8, 24-33 '61.

Mastering the operation of 500-ton open-hearth furnaces on coke gas and fuel oil [with summary in English]. E. I. Dikshtein and others. Stal' 21 no. 3 210-214 Mr '61.

OPEN-HEARTH FURNACES—DESIGN AND CONSTRUCTION

Redesign of 400 and 550-ton open-hearth furnaces for firing them with cold high-calorie gas. K. A. Groben', E. P. Pokotilo. Vop. proizv. stali no. 8, 10-17 '61.

OPEN-HEARTH FURNACES—EQUIPMENT AND SUPPLIES

Automatic signalling of metal breakthrough in steel-smelting furnace bottoms and walls. A. M. Denisenko. Stal' 21 no. 3 231-232 Mr '61.

Design for strength of rigidity bands for steel-pouring ladles. A. A. Kazantsev. Izv. vys. ucheb. zav.; chern. met. 4 no. 6, 175-184 '61.

Four-stage refractory lining of steel-pouring ladles. I. I. Kovalenko. Metallurg 6 no. 7, 19 Jl '61.

Hydraulic control of the stopper assembly on ladles. I. A. Livenets. Metallurg 6 no. 7, 13-17 Jl '61.

Thermal stresses in the housing of a steel-pouring ladle. A. A. Kazantsev. Izv. vys. ucheb. zav., chern. met. 4 no. 6, 185-190 '61.

OPEN-HEARTH PROCESS

Bornatskii, I. I. [Physical chemistry of the basic open-hearth process] Fizicheskaia khimiia osnovnogo martenovskogo protsessa. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 392 p.

Temperature conditions of the molten metal in the conversion of phosphorous cast iron. I. IU. Kozhevnikov, A. G. Altmov, K. A. Tikhomirova. Stal' 21 no. 3 228-230 Mr '61.

OPERA

Ogolovets, A. S. [Word and music in vocal and dramatical genres] Slovo i muzyka v vokal'no-dramaticheskikh zhanrakh. Moskva, Gos. muzykal'noe izd-vo, 1960. 520 p.

Solovtsov, A. A. [Book about Russian opera] Kniga o russkoi opere. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1960. 220 p.

OPERATIONS, SURGICAL

Change in rate of blood flow in relation to the method of managing the postoperative period. P. Nurmedov. Zdrav. Turk. 5 no. 1, 24-28 Ja-F '61.

Clinical significance of laboratory determination of the sensitivity of microflora to antibiotics during the treatment of surgical patients [with summary in English]. B. S. Briskin. Antibiotiki 5 no. 3, 107-110 My-Je '60.

OPERATORS (MATHEMATICS)

Knots of eigenfunctions of Schrödinger's operator. G. M. Zhislin. Usp. mat. nauk 16 no. 1, 140-152 Ja-F '61.

Some conditions for the convergence of linear positive operators. V. A. Baskakov. Usp. mat. nauk 16 no. 1, 131-134 Ja-F '61.

Triangular representation of completely continuous operators with a single point of spectrum. M. S. Brodskii. Usp. mat. nauk 16 no. 1, 135-141 Ja-F '61.

OPHIUROIDEA see subdivision under Kurile Islands

OPHTHALMOLOGICAL SOCIETIES see subdivision under *Tashkent Province*

OPHTHALMOLOGY see subdivision under Uzbekistan

OPTICAL INSTRUMENTS

Relationship between the changes in distortion and astigmatism caused by the displacements of the object. M. M. Rusinov. Izv. vys. ucheb. zav., prib. 4 no. 3, 103-108 '61.

OPTICAL MEASUREMENTS

Determining the sharpness of the cutting edge by the image of the ellipse. V. N. Malikov. Izv. vys. ucheb. zav., mashinostr. no. 4, 187-191 '61.

OPTICS

Calculating the path of an oblique (exmeridional) ray of light through the surface of a paraboloid of revolution. V. A. Zverev. Izv. vys. ucheb. zav., prib. 4 no. 3, 109-119 '61.

Investigating the optical properties of transparent substances at superhigh pressures. IA. B. Zel'dovich and others. Dokl. AN SSSR 138 no. 6, 1333-1336 Je '61.

Rusinov, M. M. [Technical optics] Tekhnicheskaia optika. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 327 p.

ORDA DISTRICT—KARST

Karst sinkhole. A. V. Turyshev, A. D. Burakov. Priroda 50 no. 7, 110 Jl '61.

ORDUBAD—FRUIT—PRESERVATION

Not included in the staff. E. Reznikov. Izobr. i rats. no. 6, 22-23 Je '61.

ORDZHONIKIDZE DISTRICT—PETROLEUM WORKERS—DISEASES AND HYGIENE

Study of gynecological diseases in women working in the petroleum industry [in Azerbaijani with summary in Russian]. S. Kh. Nazarli, S. D. Lemberanskaia. Azerb. med. zhur. no. 6, 55-59 Je '61.

ORE DEPOSITS

(see also subdivision under Altai Mountains; Bukhtarma Valley; Dzhezkazgan; Maykhura Valley; Soviet Far East; Tien Shan; United States; Ural Mountains; Uzbekistan)

Akademiia nauk SSSR. Laboratoriia osadochnykh poleznykh iskopaemykh. [Studies on the metallogeny of sedimentary rocks] Ocherki po metallogenii osadochnykh porod. Moskva, 1961. 371 p.

Tectonic conditions and stages in the formation of the structure of ore deposits in folded areas [with summary in English]. A. S. Velikii. Vest. LGU 16 no. 12, 56-60 '61.

ORE DRESSING

(see also subdivision under Dzhezkazgan; Kazakhstan; Kerch Peninsula; Peru; Tekeli, Aktyubinsk Province)

"Annual output of mining and ore-dressing combines of the iron ore industry" by L. A. Mizerintskii. Reviewed by L. E. Zubritlov, A. N. Shilin, V. V. Zelinskii. Gor. zhur. no. 5, 13-17 My '61.

Automatic control in ore-dressing plants. I. L. Koval'skii. Mekh. i avtom. proizv. 15 no. 6, 52-56 Je '61.

Chemical-mineralogical composition of chromite ores and transformations occurring during roasting. S. M. Zubakov, B. N. Kurlyshev, E. N. Ushapova. Trudy Inst. met. i obogashch. AN Kazakh. SSR 3, 201-211 '60.

Compilation and analysis of metal balance in ore dressing plants. V. I. Demidov. TSvet. met. 34 no. 2, 25-36 F '61.

Efficient cooperation between ore dressing plants and metallurgy. V. E. Lunev. Trudy Alt. GMNII AN Kazakh. SSR 9, 16-28 '60.

Fishman, M. A., and D. S. Sobolev. [Nonferrous and rare-metal ore dressing practices] Praktika obogashchenila rud tsvetnykh i redkikh metallov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu.
Vol. 3. [Dressing of nickel and cobalt ores] Obogashchenie nikelevykh i kobal'tovykh rud. Pod red. A. V. Troitskogo. 1961. 150 p.

In the State Scientific and Technical Committee of the Ukrainian S. S. R.; maximum production in the mining and ore-dressing combines. Gor. zhur. no. 5, 76 My '61.

Investigating the granulation process of high titanium slag. E. I. Machikasov, V. D. Ponomarev, IU. M. Spivak. Izv. AN Kazakh. SSR. Ser. met., obog. i ogneup. no. 1, 41-47 '61.

Magnetizing roasting of Lisakovskoye deposit iron ores in suspension. V. V. Chukin and others. Gor. zhur. no. 6, 60-64 Je '61.

Magnetizing roasting of Lisakovskoye deposit ores without a reducing agent. IU. G. Dmitriev and others. Gor. zhur. no. 6, 57-60 Je '61.

Main results of research and trends in the field of mineral ore dressing. M. A. Sokolov. Trudy Inst. met. i obogashch. AN Kazakh. SSR 3, 16-23 '60.

Margolin, I. Z. [Coal preparation and dressing of nonmetallic minerals in heavy suspensions] Obogashchenie uglei i nemetallicheskikh iskopaemykh v tiazhelykh suspenziiakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 271 p.

Measuring the rate of flow of conveyed ore in pulp. K. I. Didenko, V. M. Levin, L. I. Figotin. Prikhorostroenie no. 7, 3-5 Jl '61.

Methods of determining recovery indices in ore dressing. IA. A. Rubinchik. TSvet. met. 34 no. 2, 26-29 F '61.

Obtaining high-grade concentrates from low-grade iron ores. V. I. Karmazin, P. E. Ostapenko. Gor. zhur. no. 5, 62-67 My '61.

Regular pattern in the comminution of minerals and rocks. A. M. Pogosov. Trudy Alt. GMNII AN Kazakh. SSR 9, 142-152 '60.

Research on the process of the beneficiation of various materials in a fluidized bed. V. L. Pizhotalovskii. Gor. zhur. no. 6, 65-66 Je '61.

Sulfatization and leaching of a lime-cesium sinter. A. G. Motina. Nauch. trudy MGI no. 27, 145-150 '59.

Unified method of calculating marketable recovery in mineral dressing. V. A. Skorov. Tsvet. met. 34 no. 2, 19-24 F '61.

ORE DRESSING—CONGRESSES

All-Union congress on dressing and using low-grade manganese ores in the production of manganese alloys. S. G. Mirakov. Gor. zhur. no. 5, 76 My '61.

Intercollegiate Conference on Methods of Separating Rare Metals Having Similar Properties. A. N. Zelikman. Izv. vys. ucheb. zav.; tsvet. met. 4 no. 2, 166-167 '61.

Out of town session, in the city of Balkhash, of the Section of Ore Dressing of the Learned Council, Institute of Mining Engineering of the Academy of Sciences of the *U. S. S. R.* I. N. Plaksin. TSvet. met. 34 no. 2, 84-86 F '61.

ORE DRESSING—EQUIPMENT AND SUPPLIES

Efficiency of pumps with air feed to the suction pipe at a lower level than that of the fluid in the receiver, as system of automatic control. V. P. Nepomniashchii. Izv. vys. ucheb. zav.; tsvet. met. 4 no. 2, 134-141 '61.

8GR-6M pump. A. I. Drok. Gor. zhur. no. 5, 72 My '61.

Hydrodynamic calculations for roasting furnaces with a fluidized bed. I. G. Martushkin. TSvet. met. 34 no. 6, 32-36 Je '61.

Increasing the productivity of shaking tables. S. A. Khomchenko. Gor. zhur. no. 4, 63 Ap '60.

U. TS. Andres and IU. P. Gupalo's review of S. G. Evsiovich's book "Heavy media ore dressing." Gor. zhur. no. 6, 79 Je '61.

ORE HANDLING

(see also subdivision under Dzhezkazgan region; Kustanay Province)

Portable bridge overburden for unloading dump trucks. B. M. Paskhin. Gor. zhur. no. 5, 70-71 My '61.

ORE HANDLING—EQUIPMENT AND SUPPLIES

Flood-valve bunker gate. G. K. Skrito. Gor. zhur. no. 4, 74-76 Ap '60.

Testing the MPZ-1 small loader. Z. B. Volodarskii, A. D. Salov. Gor. zhur. no. 5, 53-56 My '61.

OREKHOVSK—SUGAR INDUSTRY—EQUIPMENT AND SUPPLIES

Water cleaning of the inner surface of smoke tubes. I. V. Mazunko. Sakh. prom. 35 no. 6, 43 Je '61.

OREL—DESCRIPTION

Zakharik, E., and others. [City of Orel] Gorod Orel. [Orel] Orlovskoe knizhnoe izd-vo, 1958. 122 p. [MICROFILM]

OREL—GUIDEBOOKS

[City of Orel; a guidebook] Gorod Orel' putevoditel'. [Orel] Orlovskoe knizhnoe izd-vo, 1960. 39 p. [MICROFILM]

OREL PROVINCE—MILITARY EDUCATION

Direct rural district committees better. V. Mikhailov. Voen. znan. 37 no. 6, 19 Je '61.

OREL PROVINCE—RURAL CONDITIONS

Leaders share their experience. B. Mozdukhov. Komsom. zhizn' no. 24, 24 D '59.

ORENBURG—FEED MILLS

Work practices of the Orenburg Feed Mill. G. Tarasinskii, N. Davydov. Muk.-elev. prom. 27 no. 5, 5-6 My '61.

ORENBURG PROVINCE—FERTILIZERS AND MANURES—CONGRESSES

Conference on a wider use of chemical fertilizers in agriculture in the Orenburg Province. A. Kh. Batalin. Zhur. VKHO 6 no. 3, 346-347 '61.

ORENBURG PROVINCE—GRAPTOLITES

Tremadoc graptolites and adjacent sediments in Aktyubinsk and Orenburg Provinces. A. M. Obut. Trudy GIN no. 19, 146-149 '61.

ORENBURG PROVINCE—SECTS

Il'inykh, N. I. [The black deeds of Orenburg Province sectarians] Chernye dela Orenburgskikh sektantov. [Orenburg] Orenburgskoe knizhnoe izd-vo, 1960. 31 p.

ORENBURG PROVINCE—TEACHERS, TRAINING OF

Retraining of teachers in Orenburg Province. P. Kiselnikov. Nar. obr. no. 7, 75-77 Jl '61.

ORES—SAMPLING AND ESTIMATION
Al'bov, M.N. [Sampling of ore deposits] Opriobovanie rudnykh mestorozhdenii. Izd. 3, peresmotrennoe i dop. Moskva, Gos nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 255 p.
Estimation of ore deposits. I. IU. Zeits Gor. zhur. no 4:3-6 Ap '60

ORGANIC CHEMISTRY see Chemistry, Organic

ORGANIC COMPOUNDS
Bakh, Natalila. [Radiolytic oxidation of organic compounds] Radiolliticheskoe okislenie organicheskikh soedinenii. Moskva, 1955. 21 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)
Degradation of organic compounds in a rapid oxygen flow under conditions of microelementary analysis [with summary in English]. V A. Klimova, T. A. Antipova. Zhur. anal. khim 16 no. 3:343-347 My-Je '61.

ORGANIC COMPOUNDS—ANALYSIS
Problems in organic analysis E G Rukhadze Vest. AN SSSR 31 no. 5 121-123 My '61

ORGANIC MATTER
(see also subdivision under Tsimlyansk Reservoir; White Sea)
Organic matter of rocks in the Ishim alkaline massif. A N. Guseva, S I. Kulakov Vest. Mosk un. Ser 4, Geol. 16 no 3 71-73 My-Je '61
Relation between the amount of organic carbon and copper, lead, and zinc in Dzhezkazgan ores G. V. Zhilinskii, S. Sh Seifullin. Vest AN Kazakh SSR 17 no. 6 51-56 Je '61

ORGANOMETALLIC COMPOUNDS
Conditions of the formation of metallo-aromatic polymerization initiators [with summary in English] A A. Arest-IAkubovich, A. R Gantmakher, S S Medvedev Vysokom. soed 3 no 7 1003-1009 Jl '61.
Polymerization of some heterocyclic compounds in the presence of the complex organometallic catalyst [with summary in English] A V Topchiev, IU IA. Gol'dfarb, B A Krentsel' Vysokom. soed 3 no. 6 870-876 Je '61

ORIENTAL PHILOSOPHY see Philosophy, Oriental

ORIENTAL STUDIES
Kononov, A.N. [Some problems concerning the development of Oriental studies in Russia] Nekotorye voprosy izucheniia istorii otechestvennogo vostokovedeniia. Moskva, Izd-vo vostochnoi lit-ry, 1960. 31 p.

ORIENTATION
Peculiarities of orienting activity in the process of forming initial notions in preschool children [with summary in English]. Z. M. Boguslavskaia. Vop. psikhol. 7 no. 3. 93-101 My-Je '61.

ORIENTATION (ARCHITECTURE) see subdivision under Ukraine

ORLON
Technical and economic indices of the production of lavsan and nitron staple fibers G A. Kirsanova, A. A. Abubakirova. Khim. volok. no. 3:59-62 '61

ORLOV, DMITRII NIKOLAEVICH, b.1892
An actor of folk comedy. S. Marshak. Teatr 22 no 6: 81-84 Je '61.

ORLOV PROVINCE—FIELD CROPS—FERTILIZERS AND MANURES
Effectiveness of organic and phosphate fertilizer mixtures on leached Chernozems of Orlov Province. V P Orlov. Zemledelie 23 no. 6:42-46 Je '61.

ORNITHINE TRANSCARBANYLASE
Ornithine carbamyltransferase and glutamate-aspartate-transaminase in the blood serum in liver diseases. K. Rysanek, V. Vitek. Vop. med. khim. 7 no. 2:136-141 Mr-Ap '61.

ORNITHOLOGICAL RESEARCH see subdivision under China

ORNITHOLOGY—CONGRESSES
Second All-Union Ornithological Conference. V F Larionov. Ornitologiia no. 3 475-478 '60.

ORNITHOSIS
Studies on ornithosis in birds and its focal distribution. I I. Terskikh and others. Vop. virus. 6 no. 2:131-135 Mr-Ap '61.

ORPHANS AND ORPHANAGES see subdivision under Pozmog

ORTEGA Y GASSET, JOSE, 1883-1955
"Humanize or perish." I. Terterian. Vop. lit. 5 no. 6:188-195 Je '61.

ORTHOPEDIA see subdivision under Germany; Leningrad; Uzbekistan

OSAZONE
Use of some nitrophenyl osazones and hydrazones for determining free sodium hydroxide by direct titration. N. V. Chugreeva. Izv. vys. ucheb. zav. ,khim. i khim. tekh. 4 no. 1 16-19 '61.

OSCILLATIONS
Excitation of even harmonics at ferroresonance. V. N. Fetina. Radiotekh. i elektron. 6 no. 7 1207-1208 Jl '61.
Natural oscillations in a nonlinear generator - motor system. L. I. Gendzha. Izv. Sib. otd. AN SSSR no. 5:10-33 '61.
Oscillations of an elastically fixed sphere in a flow of liquid [with summary in English] M. M Didkovs'kyi, E. M IEhidis Dop AN URSR no 5 612-615 '61
Spectrum of oscillations frequency of which passes through zero. M. I. Dorman. Radiotekh. i elektron. 6 no. 7:1076-1081 Jl '61.
Theory of low-amplitude oscillations G. I. Gurevich Dokl AN SSSR 138 no 6:1313-1316 Je '61

OSCILLATORS, CRYSTAL
Design of a neutralized quartz oscillator. A. A. Korneev. Elektrosviaz' 15 no. 7 12-22 Jl '61.
Effect of the inductance of the tube leads on the operation of a neutralized quartz oscillator. L. A. Korneev. Radiotekhnika 16 no. 6:51-60 Je '61.
Methods for carrying out linear frequency modulation of quartz oscillators A. D Artym. Elektrosviaz' 15 no 7 23-29 Jl '61.

OSCILLATORS, ELECTRIC
Asynchronous oscillations of a self-oscillator with two degrees of freedom under overload conditions. A N Bruevich. Radiotekh i elektron. 6 no 6:895-906 Je '61
Determination of the effective temperature of noise radiation at an uneven heating-up of the load L. A Birger Trudy inst. Kom. stand , mer i izm. prib. no 48 42-47 '60.
Electronic control of the pulse duration of a junction transistor L-oscillator B. S. Mel'nikov Radiotekh. i elektron. 6 no. 6 1015-1019 Je '61.
Error in the calibration of noise generators dependent on reflections L. A. Birger. Trudy inst Kom. stand., mer i izm prib no. 48 48-53 '60.
Frequency keyed RC generator. I. A. Livshits, L. N. Gertsiger. Elektrosviaz' 15 no. 6 38-41 Je '61.
Gerasimov, S. M., I. N. Migulin, and V. N. IAkovlev, [Design and transistor amplifiers and oscillators] Raschet polupro vodnikovykh usilitelei i generatorov. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961, 430 p.
Investigation and design of a voltage starved junction transistor self-oscillator. L. D. Zarkhi. Elektrosviaz' 15 no. 5:33-40 My '61.
Stable self-oscillators with tank circuit inductance coils operating close to the self-resonant frequency. G. T. Shitikov. Radiotekhnika 16 no. 5:76-80 My '61.
Use of a phase-shifting device and a probing head for precise measurement of the errors of KSVN devices. L. N Brianskii. Trudy inst. Kom. stand., mer i izm. prib no. 48 86-89 '60.

OSCILLATORS, ELECTRIC—TESTING
Standard device for measuring nanosecond impulses. L S Neustroev. Trudy inst. Kom stand , mer i izm. prib no 48 152-162 '60.

OSCILLATORS, ELECTRON-TUBE
Entrainment of oscillations generated by a backward-wave tube in the microwave band. V. I. Kanavets. Vest. Mosk. un. Ser. 3: Fiz., astron. 16 no. 2:34-40 Mr-Ap '61.
Thermal processes in pulse electric vacuum devices [with summary in English] S. A Tiktin Ukr. fiz zhur 6 no. 1 105-115 Ja-F '61.

OSCILLOGRAPH
Eliminating distortions occurring in the recording of shock waves in water. I. B. Sinani. PMTF no. 2:128-131 Jl-Ag '60.
Perkal'skis, B. Sh. [Conducting a course in physics with demonstrations of an electronic oscilloscope] Demonstratsii s elektronnym ostsilloskopom v kurse fiziki. Moskva, Gos. izd-vo "Vysshaia shkola," 1960. 46 p.

OSCILLOGRAPHY—EQUIPMENT AND SUPPLIES
Two-component sensory element of instantaneous velocity [with summary in English]. M. M. Didkov'skyi, B. M. IEhidis. Dop. AN URSR no. 4:442-446 '61.

OSETR VALLEY—GEOLOGY, STRUCTURAL
Geomorphological structure and the history of the formation of the Osetr River Valley. V. M. Israilev. Vop. geog. no. 51:120-131 '61.

OSTAPENKO BROTHERS
Story of the Ostapenko brothers. G. Gladkikh. Sov. voin 43 no. 12:8 Je '61.

OSTEOMYELITIS
Case of acute hematogenous osteomyelitis in the light of allergic sensitization. N. P. Ushin. Med. zhur. Uzb. no. 1:68-69 Ja '61.

OSTRACODA see subdivision under Java Trench

OSTRACODA, FOSSIL see subdivision under Bashkiria, Ik Depression

OSTROVSKII, ALEKSANDR NIKOLAEVICH, 1823-1886
Rereading an old play A. Shtein. Novyi mir 37 no. 6:234-240 Je '61.
Studies on the characteristics of conversation in A. N. Ostrovskii's works. N. S. Grodskaia. Uch. zap. MOPI 82:21-37 '60.
The theater and images of actors in the plays of A. N. Ostrovskii. Z. P. Surganova. Uch. zap. MOPI 82: 39-76 '60.

OTITIS see Ear—Diseases

OTOLARYNGOLOGICAL SOCIETIES see subdivision under Dnepropetrovsk Province, Kiev Province; Nikolayev Province; Odessa, Stalino Province; Ternopol Province, Ukraine

OTOLARYNGOLOGY
Achievements of Soviet otolaryngology in improving workers' health and in preventing otorhinolaryngological occupational diseases. S. F. Letnik. Zhur. ush., nos. i gorl. bol. 20 no. 5:3-8 S-O '60.
Brief news. Zhur. ush., nos. i gorl. bol. 21 no. 2:94 Mr-Ap '61.
Collagen diseases in otorhinolaryngology [with summary in English]. V. K. Trutnev, N. M. Mitrokhina. Zhur. ush., nos. i gorl. bol. 20 no. 4:12-17 Jl-Ag '60.
Current status of the problem of potentiated anesthesia in otorhinolaryngological operations. B. A. El'kun. Zhur. ush., nos. i gorl. bol. 21 no. 3:76-84 My-Je '61.
Indications and contraindications for the use of a neurolytic mixture combined with local anesthesia in otorhinolaryngology [with summary in English]. E. N. Medvedskii. Zhur. ush., nos. i gorl. bol. 21 no. 3: 29-33 My-Je '61.
Materials on otorhinolaryngological injuries in agriculture [with summary in English]. A. O. Shul'ga, V. M. Zhezha. Zhur. ush., nos. i gorl. bol. 21 no. 2: 58-61 Mr-Ap '61.
Modern intratracheal anesthesia in otolaryngology. N. M. Smirnov. Zhur. ush., nos. i gorl. bol. 21 no. 3: 68-76 My-Je '61.
Use of mezaton in otorhinolaryngological practice. IA. L. Kots, L. I. Kal'shtein, G. L. Mednik. Zhur. ush., nos. i gorl. bol. 20 no. 4:69-60 Jl-Ag '60.
Use of some materials from polychlorvinyl in otorhinolaryngology. G. N. Grigor'ev. Zhur. ush., nos. i gorl. bol. 20 no. 4:61-62 Jl-Ag '60.

OTOLARYNGOLOGY—BIBLIOGRAPHY see Bibliography—Otolaryngology

OTOLARYNGOLOGY—EQUIPMENT AND SUPPLIES
Use of a wall-less illuminator in otorhinolaryngological surgery. B. M. TSetsarskii. Zhur. ush., nos. i gorl. bol. 21 no. 3:64 My-Je '61.

OTOLARYNGOLOGY—INSTRUMENTS AND APPARATUS
Modification of a laryngeal mirror. S. A. Kallab. Zhur. ush., nos. i gorl. bol. 21 no. 2:81 Mr-Ap '61.

OTOLARYNGOLOGY—STUDY AND TEACHING
Methods of studying operative otolaryngology [with summary in English]. E. M. Kharshak. Zhur. ush., nos. i gorl. bol. 21 no. 3:41-45 My-Je '61.

OTOLITHS
Otoliths of gadoid fishes from the Far Eastern seas. V. A Skalkin. Vop ikht 1 no. 2:286-289 '61.

OTOSCLEROSIS
Diseases of the fenestra rotunda in otosclerosis [with summary in English]. E. M. Kharshak, I. A. IAshar. Zhur. ush., nos. i gorl. bol. 21 no. 2:17-24 Mr-Ap '61.
Mobilization of the stapes by the surgical and vibrational method [with summary in English] N. A Preobrazhenskii, A. P. Svetlaev. Zhur. ush., nos. i gorl bol 21 no. 1:48-55 Ja-F '61.

OTRADNYY (KUYBYSHEV PROVINCE)—OIL WELL DRILLING
Activity of an organization. A. Aleksandrov. NTO 3 no. 6:39 Je '61.

OUTER SPACE—EXPLORATION
Investigating the nuclear component of cosmic rays by the third cosmic rocket. L. V. Kurnosova, L. A. Razorenov, M. I. Fradkin. Isk. sput. Zem. no. 8:87-89 '61.

OVARIES
Breed-related characteristics of the development of ovaries in newborn lambs. E. F. Polikarpova, M. V. Nevzgodina. Trudy Inst. morf. zhiv. no. 35:186-207 '61.
Characteristics of the development of ovaries in lambs of the Soviet Merino and Daghestan mountain sheep E. F. Polikarpova. Trudy Inst. morf zhiv. no. 35: 170-185 '61.
Data on the endocrine function of the ovaries after Botkin's disease [with summary in English]. A. V. Naumenko Sov. med. 25 no. 5:37-41 My '61.

OVARIES—DISEASES

Differential diagnosis of acute appendicitis, rupture of the ovary, and extrauterine pregnancy. I. M. Nadezhina. Med. zhur. Uzb. no. 1:20-26 Ja '61.

Pregnancy and cystoma of the ovaries. V. I. Borodianskii. Akush. i gin. 37 no. 1:96-97 '61.

OVARIES—RUPTURE

Acute appendicitis and rupture of the ovary. B. L. Kandelis, N. IA. Shebashova. Akush. i gin. 37 no. 1:107-108 '61.

OVARIES—TUMORS

Argentaffin tumor (carcinoid) of the ovary. A. K. Ageev. Akush. i gin. 37 no. 1:108-110 '61.

Torsion of the pedicle of an ovarian cystoma 4 days after labor. M. S. TSitul'nikov, L. V. Terskaia, K. P. Pautova. Sov. med. 25 no. 5:133 My '61.

OVCHINNIKOV, VASILII FEDOROVICH

An artist brought up by the party. Platon Beletskii. Sov. Ukr. 11 no. 6:184-187 Je '61.

OVERTIME

Overtime work. IU. Orlovskii. Sots. trud 6 no. 5:137-141 My '61.

OVRUCH DISTRICT—PUBLIC INSTITUTIONS—ACCOUNTING

Unsolved problems. R. Baden. Fin. SSSR. 22 no. 6:78 Je '61.

OWLET MOTHS

Instar changes in larvae of the owlet moths Polia oleracea L. and P. dissimilis Knoch [with summary in English]. O. I. Merzheevskaia. Zool. zhur. 40 no. 6:859-864 Je '61.

OWLS see subdivision under Archangel Province; Balkhash region; Usman' region

OXADIAZOLE

Nitration of 2, 5-diphenyl-1, 3, 4-oxadiazole. A. P. Grekov, R. S. Aren. Zhur. ob. khim. 31 no. 6:1919-1921 Je '61.

OXEN—FEEDING AND FEEDS

Using ammonium bicarbonate and urea in fattening young oxen. H. IA. Hryhor'ieva. Visnyk sil'hosp. nauky 4 no. 7:110-113 Jl '61.

OXIDASE

Effect of antibacterial preparations on indophenoloxidase in Mycobacterium [with summary in English]. A. M. Khoma-Lemishko. Zhur. mikrobiol. epid. i immun. 32 no. 3:108-110 Mr '61.

OXIDATION

Bakh, Nataliia. [Radiolytic oxidation of organic compounds] Radioliticheskoe okislenie organicheskikh soedinenii. Moskva, 1955. 21 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Effect of the rate of heating on the formation of 2d type coal oxygen compounds during the low-temperature oxidation of coals and products of their preparation. A. N. Aleksandrova. Nauch. trudy MGI no. 27:115-122 '59.

Effect of the structure of sulfur organic compounds on the rate of the reactions of oxidation and catalytic hydrogenation. S. R. Sergienko, V. N. Perchenko, A. A. Mikhnovskaia. Khim. sera i azotorg. soed. v nefti. i neftepred. 3:353-361 '60.

Effect of weak oxidation on the formation of the porous structure and stability of coke. E. N. Loskutova, S. N. Lavrik. Izv. Sib. otd. AN SSSR no. 6:31-42 '61.

Inhibiting effect of uranyl ion on the radiation-induced oxidation of divalent iron. V. G. Firsov. Dokl. AN SSSR 138 no. 5:1155-1157 Je '61.

Investigation of the effect of certain impurities on the oxidation of uranium in acid media. G. M. Nesmelanova, G. M. Alkhazashvili. Atom. energ. 10 no. 6:587-591 Je '61.

Kinetics of the vapor-phase contact oxidation of furfurole. B. A. Slavinskaia and others. Kin. i kat. 2 no. 2:252-257 Mr-Ap '61.

Liquid phase contact-catalytic oxidation of organic compounds on noble metals. Part 2: Oxidation of monoaryl ethers of ethylene glycol to aryloxyacetic acids. I. I. Ioffe, IU. T. Nikolaev. Kin. i kat. 2 no. 2:245-246 Mr-Ap '61.

Oxidation of diolefins over copper catalysts. N. I. Popova, E. E. Vermel'. Kin. i kat. 2 no. 2:235-239 Mr-Ap '61.

Oxidation of isotactic polypropylene [with summary in English]. D. Ryshavy and others. Vysokom. soed. 3 no. 7:1110-1115 Jl '61.

Oxidation of polydimethylsiloxane rubber [with summary in English]. A. S. Kuz'minskii, E. A. Goldovskii. Vysokom. soed. 3 no. 7:1054-1061 Jl '61.

OXIDATION, PHYSIOLOGICAL

Oxidation-reducation potential in enteropathogenic and nonpathogenic strains of E. coli [with summary in English]. S. G. Smirnov. Zhur. mikrobiol. epid. i immun. 31 no. 11:108-111 N '60.

OXIDATION-REDUCTION REACTION

Course of the simultaneous oxidation-reduction reactions of organic compounds, and their biochemical and technical importance. S. N. Danilov. Trudy LTI no. 60: 5-31 '60.

Oxidation-reduction initiating systems used in polyester lacquers. N. G. Shtan'ko. Lakokras. mat. i ikh prim. no. 3:14-19 '61.

Significance of oxidation-reduction conditions for callus and root regeneration in Phaseolus cuttings [with summary in English]. N. A. Gorlanov. Biofizika 6 no. 3: 339-350 '61.

Study of the kinetics of hydroquinone oxidation with the aid of a redoxystat. S. V. Gorbachev, M. S. Sytilin. Izv. vys. ucheb. zav.; khim. i khim. tekh. 4 no. 1:155-157 '61.

OXIDIZING AGENTS

Anthraquinone series. Part 32: Oxidative chlorination of anthraquinone-α-sulfonic acid with various oxidizing agents. V. V. Kozlov, A. A. Davydov. Zhur. ob. khim. 31 no. 6:2049-2052 Je '61.

OXO PROCESS

Production of butyraldehydes by oxo synthesis. D. M. Rudkovskii, B. A. Brunshtein, V. L. Klimenko. Khim. prom. no. 5:335-338 My '61.

OXYACETYLENE WELDING see Gas welding and cutting

OXYGEN

Effect of oxygen at low pressures on the electric properties of oxide cathodes. N. G. Nakhodkin, G. A. Zykov. Fiz. tver. tela 3 no. 5:1136-1444 My '61.

Investigation of nonequilibrium phenomena behind the shock wave front in air. Dissociation of oxygen. N. A. Generalov, S. A. Losev. PMTF no. 2:64-73 Jl-Ag '60.

Rate constant and the mechanism of reaction between oxygen atoms and acetaldehyde. L. I. Avramenko, R. V. Kolesnikova. M. F. Sorokina. Izv. AN SSSR, Otd. khim. nauk no. 6:1005-1010 Je '61.

Temperature dependence of the effect of oxygen on electronic resonance in coal powders [with summary in English]. D. A. Kichyhin. Ukr. fiz. zhur. 6 no. 2: 255-262 Mr-Ap '61.

OXYGEN—INDUSTRIAL APPLICATIONS

Investigating the melting of the open-hearth furnace charge with various methods of using oxygen [with summary in English]. K. M. Trubetskov and others. Stal' 21 no. 3:214-222 Mr '61.

OXYGEN—PHYSIOLOGICAL EFFECT

Development of bream under different conditions of oxygen supply. IU. G. IUrovitskii, P. N. Reznichenko. Trudy Inst. morf. zhiv. no. 33:94-110 '61.

Hyaluronidase and the hatching enzyme in the embryogenesis of bony fishes. G. A. Buznikov. Trudy Inst. morf. zhiv. no. 33:173-218 '61.

Some developmental characteristics of sturgeons of the Kura River (Acipenser Güldenstadti Brandt) under different conditions of oxygen supply. IU. G. IUrovitskii, P. N. Reznichenko. Vop. ikht. 1 no. 2:314-320 '61.

Vascular reaction and temperature in the uterus following inhalation of oxygen, carbogen, and other. I. I. Benedyktov. Ped., akush. i gin. 23 no. 1:45-47 '61.

OXYGEN—SPECTRA

Mechanism of the excitation of oxygen red line in the night-sky glow. A. D. Danilov. Isk. sput. Zem. no. 8: 77-80 '61.

OXYGEN IN THE BODY

Remote oxygen requirement of the brain after hypothermia [with summary in English]. E. M. Khvatova. Biofizika 6 no. 3:351-356 '61.

OXYGEN THERAPY

Inhalation of oxygen in chronic respiratory insufficiency. S. N. Sorinson. Vrach. delo no. 4:20-24 Ap '61.

OXYGEN WELDING AND CUTTING see Gas welding and cutting

OYSTERS, FOSSIL see subdivision under Uplistsikhe region

OZERETSKII, NIKOLAI IVANOVICH, 1893-1955

Nikolai Ivanovich Ozeretskii; on the 6th anniversary of his death. E. S. Arutiunov. Zhur. nevr. i psikh. 61 no. 2: 298-299 '61.

OZOCERITE

In the departments of the Turkmen Medical Institute. Zdrav. Turk. 5 no. 1:48 Ja-F '61.

OZONE

Effect of moisture on the ozone cracking of rubbers. IU. S. Zuev, V. F. Malofeevskaia. Kauch. i rez. 20 no. 6:26-29 Je '61.

Ozonization of atactic polypropylene [with summary in English]. M. Lazar and others. Vysokom. soed. 3 no. 6:943-947 Je '61.

PACIFIC OCEAN—CODFISH

Otoliths of gadoid fishes from the Far Eastern seas. V. A. Skalkin. Vop. ikht. 1 no. 2:286-289 '61.

PACIFIC OCEAN—COPEPODA

Vertical distribution and diurnal migration of copepods southeast of Japan [with summary in English]. A. K. Geinrikh. Trudy Inst. okean. 51:82-102 '61.

PACIFIC OCEAN—DIATOMS

A new species of plankton diatoms of the genus Chaetoceros Ehr. from the central part of the Pacific Ocean [with summary in English]. G. I. Semina. Trudy Inst. okean. 51:31-32 '61.

PACIFIC OCEAN—DIATOMS, FOSSIL

Diatoms from the surface layer of sediments in the northwestern part of the Pacific Ocean. T. V. Belineva (Sechkina). Trudy Inst. okean. 48:231-246 '61.

PACIFIC OCEAN—FISHERIES—RESEARCH

Work of the Fifth Plenum of the Commission for Fishery Research in the western part of the Pacific Ocean. P. A. Moiseev. Ryb. khoz. 37 no. 4:78-87 '61.

PACIFIC OCEAN—FLYING FISH

A contribution to the study of the fauna of flying fishes (family Exocoetidae) of the Pacific and Indian Oceans. N. V. Parin. Trudy Inst. okean. 43:40-91 '61.

PACIFIC OCEAN—GRAVIMETRY

Gravimetric surveying with marine static gravimeters in the Sea of Okhotsk and the Pacific Ocean. K. E. Veselov and others. Prikl. geofiz. no. 29:136-156 '61.

PACIFIC OCEAN—HERRING FISHERIES

Hydraulic salting of the Pacific herring; investigation of methods for mechanized salting. I. P. Levanidov, G. G. Mikhailov. Trudy VNIRO 39:72-82 '59.

PACIFIC OCEAN—LAMELLIBRANCHIATA

Materials on the ecology of some forms of benthos occurring in large masses in the region of eastern Kamchatka and the northern Kurile Islands. A. P. Kuznetsov. Trudy Inst. okean. 46:85-87 '61.

PACIFIC OCEAN—LANTERN FISHES

Materials on luminescent anchovies of the genus Diaphus (family Scopelidae) from the western part of the Pacific Ocean. L. B. Kulikova. Trudy Inst. okean. 43:5-39 '61.

PACIFIC OCEAN—OCEAN BOTTOM

Mysterious tracks. N. Zenkevich. Vokrug sveta no. 7: 59 Jl '61.

PACIFIC OCEAN—OCEAN CURRENTS

Studying the dynamic and kinematic structure of deep meridional currents as exemplified in the northeastern part of the Pacific Ocean. M. N. Koshliakov. Trudy Inst. okean. 52:133-154 '61.

PACIFIC OCEAN—OCEAN TEMPERATURE

Experimental study of temperature and salinity in the Antarctic sector of the Pacific Ocean. G. G. Khmurzhua. Trudy Okean. kom. 10 no. 1:144-148 '60.

PACIFIC OCEAN—PETRELS

Buller's shearwater (Puffinus bulleri Salv.) in waters of the U. S. S. R. M. M. Sleptsov. Ornitologiia no. 3: 410-412 '60.

PACIFIC OCEAN—PHYTOPLANKTON

Phytoplankton in the mixing zone between waters of the Oyashio and Kuroshio in the spring of 1955 [with summary in English]. G. I. Semina. Trudy Inst. okean. 51: 3-15 '61.

PACIFIC OCEAN—RADIOACTIVITY—MEASUREMENT

Direct method of determining the radioactivity of ocean waters in the Antarctic region of the Pacific Ocean. B. A. Nelepo. Trudy Okean. kom. 10 no. 1:141-143 '60.

PACIFIC OCEAN—SALINITY

Experimental study of temperature and salinity in the Antarctic sector of the Pacific Ocean. G. G. Khmurzhua. Trudy Okean. kom. 10 no. 1:141-146 '60.

PACIFIC OCEAN—SALMON

Mechanisms of adaptation to changes in the salinity of water in the sockeye salmon (Oncorhynchus nerka (Walb.)). M. G. Zaks, M. M. Sokolova. Vop. ikht. 1 no. 2:333-346 '61.

PACIFIC OCEAN—SEA OTTERS

Distribution, abundance, and biology of sea otters. A. M. Nikolaev. Trudy sov. ikht. kom. no. 12:214-217 '61.

PACIFIC OCEAN—SEA URCHINS

Materials on the ecology of some forms of benthos occurring in large masses in the region of eastern Kamchatka and the northern Kurile Islands. A. P. Kuznetsov. Trudy Inst. okean. 46:85-87 '61.

PACIFIC OCEAN—SEALS (ANIMALS)

Soviet investigations on fur seals in the northern part of the Pacific Ocean. S. V. Dorofeev. Trudy sov. ikht. kom. no. 12:164-169 '61.

PACIFIC OCEAN—SEISMOMETRY

Use of explosions as sources of sound in determining the depth of the sea. E. A. Starshinova, I. N. Galkin. Trudy Okean. kom. 10 no. 1:152-169 '60.

PACIFIC OCEAN—SWORDFISH
Danger is my ally. Mitchel Hedge. Vokrug sveta no. 7: 36-39 Jl '61.

PACIFIC OCEAN—WHALES
Body proportion and growth characteristics of Far Eastern whales E. I. Ivanova Trudy sov. ikht kom no. 12 72-78 '61

PACKAGING
Developing time norms for the packaging and packing of chemical products. P. Chuprinov. Biul. nauch. inform. trud i zar. plata 4 no 6 11-45 '61.

PACKAGING MACHINERY
Aristov, D. B., V. Kh. Ziskinder, and I. E. Shapiro. [Modern automatic machines for packaging and packing food products] Sovremennye avtomaty dlia rasfasovki i upakovki pishchevykh produktov. Moskva, Vses. in-t nauchnoi i tekhn. informatsii, 1961. 102 p.
Improving the performance of the DVM-100 packing machine S. Lopatinskii, M Senchukov Muk.-elev prom 27 no 6-15-16 Je '61

PACKED TOWERS
Effect of the hydrodynamic conditions on the process of chemisorption in packed towers. Report No 2. I. P. Slobodinnik, A. G. Kasatkin, V. V. Kafarov. Izv. vys. ucheb. zav., khim. i khim. tekh. 3 no 2:369-374 '60.

PACKED TOWERS—FLUID DYNAMICS
Characteristics of the fluid flow near the edges of high-speed rotating disks. K. D. Vachagin, V. S. Nikolaev. Izv. vys. uchob. zav., khim. i khim. tekh. 4 no. 1:148-150 '61.

PACKING (MECHANICAL ENGINEERING)
New design of packing for rods in the cylinders of steam and air hammers. P. D. Nepechii, S. A. Vol'skii. Kuz.-shtam. proizv. 3 no. 3:44 Mr '61.
Strength and rigidity of ring packings M. A. Rudis. Vest. mash. 41 no 6:30-34 Je '61.

PACKING HOUSES—FIRES AND FIRE PREVENTION
see subdivision under Kurgan

PAIN
Changes in pain adaptation in patients with hypertension under the influence of aminazine. D. A. Ryklis, E. I. Rozenfeld. Zdrav. Turk. 5 no. 1:17-21 Ja-F '61
Clinical aspects and pathogenesis of pain syndrome after lumbar sympathectomy A. I. Pirogov Vop. neirokhir. 25 no. 2:53-57 Mr-Ap '61

PAINT
Latex paints in place of oil. K. A. Stollarov. Stroi. i arkhit. Len. 23 no. 4:37 Ap '61.
New paint and varnish materials. M. Gordonov. Na stroi. Ros. no. 4:34 Ap '61.
Silicate paints. V. Naumov, K. Karasev. Na stroi. Ros. no. 4 33 Ap '61.
Water-based paints. M. M. Gol'dberg. Lakokras. mat. i ikh prim. no. 3:68-70 '61.

PAINT INDUSTRY
New organic solvents and their possible application in the lacquer and paint manufacture. A. L. Labutin and others. Lakokras. mat. i ikh prim. no 3:25-26 '61.

PAINT MATERIALS
Colorate unit for proportioning paint materials. V. L. Gots. Lakokras. mat. i ikh prim. no. 3 85-87 '61.
More specific recommendations on the application of paint materials for the protection of items used under tropical climate conditions. Lakokras. mat. i ikh prim. no. 3: 45-48 '61
Rabinovich, E. M. [Commercial chemicals, paint materials, and various related products] Khimicheskie i moskatel'nye tovary. Moskva, Gos. izd-vo torg. lit-ry, 1960. 113 p.
Use of new paint materials for applying marks on airfield concrete constructions. L. S. Karmanova, L. S. Krapivkina, V. IA. Amelina. Lakokras. mat. i ikh prim. no. 3: 67 '61.
Water-soluble paint materials for high-temperature drying (from "Oil Colour Chem. Assoc.," no. 2, 1961). K. P. Beliaeva. Lakokras. mat. i ikh prim. no. 3:80-85 '61.

PAINT MATERIALS—STANDARDS
New standards for paint materials. Lakokras. mat. i ikh prim. no. 3 59 '61.
Plan for developing standards and specifications for 1961. M. L. Lavshits. Lakokras. mat. i ikh prim. no. 3:58-59 '61.

PAINT MIXING—EQUIPMENT AND SUPPLIES
Electric mixer. Stroitel' no. 5:10 My '61.
Universal mixer. Stroitel' no. 5:14 My '61.

PAINT SHOPS—LIGHTING
Electric lighting systems in paint shops and drying and impregnating departments. I. IA. Pikman. Svetotekhnika 7 no. 5:11-13 My '61.
Letter to the editor. G. M. Knorring. Svetotekhnika 7 no. 5:14 My '61.

PAINTING
[Painting; a collection of articles] O zhivopisi; sbornik statei. Moskva, Izd-vo Akad. khudozh. SSSR, 1959. 105 p.

PAINTING, INDUSTRIAL
Interior painting in winter. Mor. flot 21 no. 1:3 of cover Ja '61
Painting by a method of combined operations. Stroi. i arkhit. 9 no. 4:30 Ap '61.
Protection from staining of supporting devices used in the electrostatic painting of articles. E. N. Vladychina, E. E. Bredis, A. G. Shreder. Lakokras. mat. i ikh prim. no 3 27-33 '61.
Rollers made of moulded plastic. E. Neginskii. Na stroi. Ros. no. 4:26 Ap '61.
Socialist obligations of the All-Union Production Office "Lakokraspokrytie" and of the Scientific Research Institute of the Technology of Protective Coatings at the eve of the 22d Congress of the CPSU. A. D. Kazin Lakokras. mat. i ikh prim. no. 3:1-2 '61.

PAINTING, INDUSTRIAL—EQUIPMENT AND SUPPLIES
Cart for painting internal surfaces of cylinders and pipes. I. M. Korostelin. Mashinostroitel' no. 6:21 Je '61.
Colorate unit for proportioning paint materials. V. L. Gots. Lakokras. mat. i ikh prim. no. 3:85-87 '61.
Equipment for a partial painting of parts. D. V. Kazmenko. Mashinostroitel' no. 6:20 Je '61
Pressure apparatus. Stroitel' no. 5:10-11 My '61.

PAKISTAN—SCIENCE
Thirteenth All-Pakistan Scientific Conference. A. A. Saukov. Vest. AN SSSR 31 no. 6:82-83 Je '61

PALEOBOTANY
(see also subdivision under Turkmenistan)
Method of micropaleophytologic analysis. B. V. Timofeev. Trudy VNIGRI no 163 473-485 '60

PALEOBOTANY—BIBLIOGRAPHY see Bibliography—Paleobotany

PALEOCLIMATOLOGY
Oscillation of the boundary between forest and steppe during the Holocene in the light of the theory of zonal shifts [with summary in English]. G. E. Grosset Biul. MOIP Otd. biol 66 no. 2:65-84 Mr-Ap '61
Paleomagnetism, paleoclimate and the problem of extensive horizontal crustal movements [with summary in English]. P. N. Kropotkin Sov. geol. 4 no. 5 16-36 My '61.

PALEOGEOGRAPHICAL RESEARCH
Investigating early animal populations for the paleogeographic study of forests L. G. Dinesman. Sbornik Lab. lesoved. AN SSSR no 3:89-99 '61

PALEOGEOGRAPHY see subdivision under Altai Mountains; Caspian Sea region; Issyk-Kul' Depression; Kara-Tau, Siberia; Ural Mountains

PALEONTOLOGICAL RESEARCH
(see also subdivision under Poland)
Paleontological Section of the Moscow Naturalists Society in 1960 V. N. Shimanskii. Paleont. zhur. no 2 140-141 '61
Seventh session of the All-Union Paleontological Society. O. V. Amitrov Paleont. zhur no 2 141-143 '61

PALEONTOLOGY
(see also subdivision under Binagady region; Ivolginsk; Megrelliya)
Concerning the publication of the reference book "Fundamentals of paleontology" V. N. Shimanskii Paleont. zhur no 2 139 '61

PALEONTOLOGY, STRATIGRAPHIC see subdivision under Kendyktas Ridge; Volyn'-Podolian Upland

PALLADIUM-IRON-COBALT ALLOYS see Iron-cobalt-palladium alloys

PALYNOLOGY
(see also subdivision under Kazakhstan; Podgornyy Bayiyar region; Volga Valley)
Palynological data on the taxonomy of the genus Pistacia L. [with summary in English] L. A. Kuprianova. Bot. zhur. 46 no. 6:803-814 Je '61.

PAMIRS—MOUNTAINEERING
People from Leningrad in the Pamirs. E. Petrov. Vokrug sveta no. 7.64 Jl '61.

PANCREAS—DISEASES
Case of cystic fibrosis of the pancreas. M. B. Kossiura. Vop. okh. mat. i det. 6 no. 4:90-93 Ap '61.
Diagnosis of chronic pancreatitis; external secretory function of the pancreas and morphophysiological parallels in chronic pancreatitis in dogs [with summary in English]. B. M. Kopytin, K. N. Stepanov. Pat. fiziol. eksp. terap. 5 no. 3:60-64 My-Je '61.
Pathogenesis and treatment of acute pancreatitis. S. A. Masumov. Med. zhur. Uzb. no. 1:3-12 Ja '61.

PAPACY—HISTORY
Lozinskii, S. G. [History of the Papacy] Istoriia papstva. Moskva, Izd-vo Akad. nauk SSSR, 1961, 590 p.

PAPER—TESTING
International standardization in the methods of testing paper. E. M. Medvedev. Poligr. proizv. no. 5:25-27 My '61.

PAPER CHROMATOGRAPHY
Chromatographic investigation of the blood in malignant neoplasms [with summary in English]. L. N. Kuzmenko, M. D. Podil'chak, D. A. Makar. Vrach. delo no. 4: 70-75 Ap '61.

PAPER COATINGS
Standard for decorative laminated paper plastics. Zhil. stroi. no. 5:11 My '61.

PAPER-CUTTING MACHINES
Automatic cardboard cutter. V. S. Sergeev. Ryb. khoz. 37 no 5 79-82 '61.
Machine for cutting waterproofing material and kraft-paper. F. V. Andriushin. Stroi. truboprov. 6 no. 4:23 Ap '61.

PAPER ELECTROPHORESIS
Determination of lipoproteids by means of paper electrophoresis in serum previously stained with sudan black B. N. Ushakov, S. D. Polozhentsev. Lab. delo 7 no. 2. 12-15 Jl '61
Electrophoretic analyses of blood protein fractions in typhus fever. IU. A. Krichevskii. Lab. delo 7 no. 7. 19-20 Jl '61.
Electrophoretic investigation of blood serum proteins [with summary in English]. I. L. Pshetakovskii. Vrach. delo no. 4. 23-32 Ap '61.
New method for electrophoretic analysis of lipoproteids in blood serum by means of their preliminary staining. D. B. Zil'berman, A. A. Molbenko. Lab. delo 7 no 7 16-18 Jl '61
Separation of brain proteins by paper electrophoresis [with summary in English]. P. F. Minaev, A. I. Okhrova. Ukr. biokhim. zhur. 33 no. 3 431-435 '61
Study of tetracyclines in human blood serum by means of electrophoresis [with summary in English] L. M. IAkobson, V. M. Grigor'eva Antibiotiki 5 no. 3, 50 61 My-Je '60.

PAPER INDUSTRY
(see also subdivision under Archangel)
Tasks of research in cellulose and paper production F. I. Koperin. Izv. vys. ucheb. zav., les. zhur. 4 no 2 3-7 '61.

PAPER PRODUCTS
Leningrad. TSentral'nyi nauchno-issledovatel'skii institut tsellulozno i bumazhnoi promyshlennosti. [Manual for paper industry technicians] Spravochnik bumazhnika; (tekhnologa). Moskva, Goslesbumizdat. Vol. 3. 1961. 719 p.

PAPERBOARD
Manufacture of wood plastic. Sel'. stroi. 16 no 5:31 My '61

PAPERMAKING MACHINERY
Machine for crushing fibrous paper pulp. A. T. Karpov. Biul. tekh.-ekon. inform no. 6:56 '61.

PAPERMAKING MACHINERY—WELDING
Welding towers made of two layers of steel. V. N. Kagan, P. M. Brailovskii. Mont. i spets. rab. v stroi. 23 no 5: 21-24 My '61.

PARACHUTE TROOPS
Providing supplies for airborne and naval landings. G. Chernikov. Tyl i snab. Sov. Voor. Sil 21 no. 2:33-5: F '61.
Supplying a parachute landing with fuel. V. Rybakov. Tyl i snab. Sov. Voor. Sil 21 no. 3:39-42 Mr '61

PARACHUTING
(see also subdivision under Germany, East; Leningrad)
The best way to the target. F. Neimark. Kryl. rod. 12 no 6:22 Je '61.
Champion from the Urals. I. En'kov, K. Petrov. Kryl. rod 12 no. 7:12-13 Jl '61
Delivery of material by air. S. Odintsov, I. Shevchuk Tyl i snab. Sov Voor Sil 21 no. 3:35-39 Mr '61.
Difficult victory. A. Vinokurov. Kryl rod. 12 no 7 4-6 Jl '61.
Free fall time fixed automatically. A. Barykin, V. Mal'tsev Kryl. rod. 12 no. 2:16 F '61.
Friendship aids competition. M. Meilakhs. Kryl. rod 12 no. 7:3 Jl '61.
A good start P. Korzinkin. Kryl rod 12 no 2 15-16 F '61.
Method for making slight turns. P. Storchienko. Kryl. rod. 12 no. 3 20-22 Mr '61.
They won records in 1960. Kryl. rod 12 no 2:8a F '61.
The unanswered question. S. Kiselev, V. Gur'iashkin, V. Kozhakin. Kryl. rod. 12 no. 6:22 Je '61.
Viktor Stepanenko's courage. I. Solomatin. Kryl. rod. 12 no. 6:16 Je '61.

PARAFFINS
Analysis of binary mixtures of tetrachloroalkanes [with summary in English]. K. I. Sakodynskii, N. N. Umnik. Zhur. anal. khim. 16 no. 3:375-376 My-Je '61.
Chemical transformations of 1, 1-dichloroalkanes. E. I. Vasil'eva, R. Kh. Freidlina. Izv. AN SSSR. Otd. khim. nauk no. 6:1049-1052 Je '61.

PARAFFINS (Continued)
Dehydrogenation of n-alkanes in a fluidized bed of oxide catalysts. IU N Plotnikov and others Kin i kat. 2 no 2:267-272 Mr-Ap '61
Effect of the oxidation temperature of n-paraffinic hydrocarbons on the direction of decomposition of alkylhydroxyperoxides. V. K. TSyskovskii, F. TS. Shcheglova. Khim. prom. no. 5:325-326 My '61.
Use of gas chromatography in the study of the kinetics of chemical reactions. Chromatographic analysis of the products of alkane radiolysis V G Berezkin, L S Polak. Kin i kat. 2 no 2 285-291 Mr-Ap '61.

PARALYSIS
Course of Landry's paralysis during pregnancy and after labor. V A Gusev, P IA Semenova Akush i gin 3 no 1:95-96 '61.
Treatment of parkinsonism with new pharmacological preparations [with summary in English]. L.G Stolnikova. Sov. med. 25 no 5 107-111 My '61

PARALYSIS, INFANTILE see Poliomyelitis

PARALYSIS AGITANS
Surgical treatment of parkinsonism and other diseases of the extrapyramidal tract Report No 1: Technics and methods of surgical interventions E I Kandel' Vop. neirokhir 25 no 2,2-8 Mr-Ap '61

PARAMAGNETIC RESONANCE AND RELAXATION
Electron spin resonance in F-centers I. A Shul'man. Ukr fiz. zhur 5 no. 1 117-119 Ja-F '60
Measuring the spin-lattice relaxation time in compounds with strong covalent bonds [with summary in English]. P P. Pashinin, A M Prokhorov Zhur. eksp. i teor fiz 40 no 1 49-51 Ja '61
Overhauser effect and the "secondary signal" of electron paramagnetic resonance [with summary in English] A V. Kessenikh Zhur eksp i teor. fiz 40 no 1 42-33 Ja '61
Splitting of paramagnetic resonance lines in inhomogeneous fields. V.N. Lazukin Fiz tver. tela 3 no. 2: 408-410 F '61
Temperature dependence of the effect of oxygen on electronic resonance in coal powders [with summary in English]. D A Kichkhin Ukr fiz. zhur. 6 no 2 255-262 Mr-Ap '61.
Theory of acoustic paramagnetic resonance in crystals containing ions of the iron group. S. A. Al'tshuler, Sh.Sh. Bashkirov, A. M. Leushin. Fiz. tver. tela 3 no. 5.1501-1504 My '61.
Theory of the paramagnetic resonance of Ti and Co ions in corundum S A. Al'tshuler, M M Zaripov Zhur eksp i teor fiz 40 no. 1 377-379 Ja '61

PARAMAGNETISM
Calculation of the polarizations of a varying magnetic field corresponding to the extremum transition probabilities at electronic paramagnetic resonance. M. I. Rodak. Radiotekh. i elektron. 6 no. 7.1194-1201 Jl '61.

PARANOIA
Clinical aspects and forensic psychiatric evaluation of rapidly developing alcoholic paranoias. Kh. A. Gasanov. Med. zhur. Uzb. no. 1:61-65 Ja '61.

PARASITES see subdivision under Lvov Province

PARASITES—BIRDS
Helminths occurring in wild birds of Kirghizistan N. T Chibichenko Izv. AN Kir SSR. Ser. biol nauk 2 no. 7 169-175 '60.
Materials on the infestation of birds by ticks in mountain forest landscapes of the northeastern Altai. IU. V. Drozdova, E. Z. Taskaeva, B. P. Dobrokhotov. Ornitologiia no. 3:190-199 '60
Materials on trematodes of birds in Kirghizistan N A. Ablasov, N. T. Chibichenko. Izv. AN Kir SSR. Ser. biol. nauk 2 no 7 149-167 '60.
Some morphological changes in Clinostomum complanatum (Rud. 1819) connected with its development. N A. Feizullaev. Dokl AN Azerb. SSR 17 no. 5 423-426 '61.

PARASITES—CARP
Effect of different growing conditions of the young-of-the-year pond carp on their parasite fauna. V. M Ivasik. Vop ikht. 1 no. 2:347-353 '61.

PARASITES—GEESE
Birdlice from the wild geese (Anser anser L.), and Eulobella indica (Leth.) in Lake Son-Kul'. S. Kasiev. Izv. AN Kir. SSR. Ser. biol. nauk 2 no. 7.119-125 '60

PARASITES—GERBILS
Habitat conditions of fleas parasitic on gerbils on the southwestern part of the Azerbaijan S. S. R. [with summary in English]. V. N Kunitskii Zool. zhur. 40 no. 6:846-858 Je '61.

PARASITES—HARES
Seasonal dynamics and abundance of ectoparasites of the hare Lepus tolai Pall. in Kirghizistan. R. V. Grebenluk. Izv. AN Kir. SSR. Ser. biol nauk 2 no 7:57-72 '60

PARASITES—MARINE MAMMALS
The necessity of a thorough and systematic study of the parasites of commercial marine mammals. S. L. Delamure. Trudy sov. ikht. kom. no. 12:222-232 '61.

PARASITES—PELICANS
Brief report on helminths infesting pink pelicans in Lake Balkhash. N. A Ablasov, K I Ergashov, N T Chibichenko Izv AN Kir SSR, Ser biol nauk 2 no 7 181-182 '60

PARASITES—POULTRY
Extermination of the chicken mite Dermanyssus gallinae in poultry houses of the "At-Bashinskiy" Poultry Plant L. F. Romasheva and others Izv AN Kir. SSR Ser biolnauk 2 no 7 95-99 '60
Helminths infesting chickens in Kirghizistan. G V Solov'ev Izv AN Kir SSR Ser. biol nauk 2 no 7 141-148 '60.
Materials on the biology of Dermanyssus gallinae L G Romacheva Izv AN Kir SSR Ser biol nauk 2 no 7 87-94 '60
Materials on the study of bird mites infesting poultry on the "At-Bashinskiy" Poultry Plant L. F Romasheva, S Kasiev. Izv AN Kir SSR Ser biol nauk 2 no 7 127-111 '60.

PARASITES—SCALE INSECTS
Parasites of injurious coccids in the Kabardino-Balkar A. S. S. R. (Hymenoptera, Chalcidoidea). B. M. Chumakova. Ent. oboz. 40 no. 2.315-338 '61.

PARASITES—SEALS (ANIMALS)
Helminth fauna of the Caspian seal and its role in biocoenoses of the Volga Delta IU V Kurochkin Trudy sov Ikht kom no. 12 233-237 '61

PARASITES—SERPENTS
New species of parasitic protozoans from snakes of Central Asia G S. Markov, O P Bogdanov Uzb biol zhur no 5:57-62 '61

PARASITICA
Host-parasite relationships in entomophagous insects; possibility of the development of larvae of some hymenopterans in new hosts. D. M Shteinberg. Dokl AN SSSR 136 no. 6.1477-1480 Je '61

PARASYMPATHOLYTICS
Combined use of cholinolytics in phosphacol intoxication in mice [with summary in English]. IU. I. Lisunkin. Farm. i toks. 24 no. 2:175-180 Mr-Ap '61.
New atropinelike preparation metacin. S. S. Liberman. Med. prom. 15 no. 5.40-42 My '61.
Pharmacology of central cholinolytics. P. P Denisenko. Vest AMN SSSR 15 no 2 26-30 '60

PARASYMPATHOMIMETICS
Acecildine, a new preparation for the treatment of postoperative atony of the intestines and urinary bladder. K. A. Zaitseva, M. D. Mashkovskii. Med. prom. 15 no. 5:42-44 My '61.
Effect of cholinomimetic substances on coronary circulation [with summary in English]. N. V. Kaverina. Farm. i toks. 24 no 2:168-172 Mr-Ap '61.

PARATYPHOID FEVER
Anthelminthic treatment of ascariasis with piperazine phosphate in Botkin's disease, typhoparatyphoid diseases, and dysentery [with summary in English]. IU. A. Shamov. Sov. med. 25 no 5 69-73 My '61.
Data on the epidemiological effectiveness of divaccine and polyvaccine from the Gamaleia Institute of Epidemiology and Microbiology and of NIISI polyvaccine in relation to typhoid and paratyphoid B fevers [with summary in English] K I. Liuksemburg Zhur. mikrobiol epid. i immun. 32 no 6.111-115 My '61.
Egg products as a source of paratyphoid B. S. E. Shapiro, I. S. Zhdanov, L. R. Chapovskaia. Gig. i san. 26 no. 1: 112-114 Ja '61.
Immunological indexes in subjects inoculated against typhoid and paratyphoid B fevers with a chemical adsorbed divaccine of the Gamaleia Institute of Epidemiology and Microbiology of the Academy of Medical Sciences of the U S S. R [with summary in English]. K I. Liuksemburg. Zhur mikrobiol. epid i immun. 31 no. 12:65-68 D '60.
Reactivity of a new divaccine (against typhoid fever and paratyphoid B) of the Gamaleia Institute of Epidemiology and Microbiology at the Academy of Medical Sciences of the U. S. S. R [with summary in English]. K. I. Liuksemburg. Zhur. mikrobiol epid i immun. 32 no 4.108-112 Ap '61
Zhukov, G. V. [Paratyphoid in young farm animals] Paratif molodniaka. Moskva, Gos. izd-vo sel'khoz. lit-ry., 1961. 135 p. (DA)

PARIS—COMMUNE, 1871
The cause of the Communards is immortal. I. Klishin. Komm. Bel. 35 no. 3:61-66 Mr '61.
The 90th anniversary of the Paris Commune. I. I. Kliuchnik. Vop. ist. KPSS 5 no. 3;222-224 '61.
The 90th anniversary of the Paris Commune. V V. Al'tman Vest AN SSSR 31 no 5 112-113 My '61.
Our calendar. Voiov. ateist no. 3.50 Mr '61.
The Paris Commune and the periodical "Delo"; on the 90th anniversary of the Paris Commune. B. I. Esin. Vest. Mosk un. Ser. 7; Filol., zhur. 16 no. 3:78-82 My-Je '61.

PARIS—HOUSING
Paris today and tomorrow Paul Leroy Nov vrem 19 no 39 25-26 Jl '61

PARKINSON'S DISEASE see Paralysis agitans

PAROLE
Struchkov, N. A. [Release on parole] Uslovno-dosrochnoe osvobozhdenie ot nakazaniia. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 15 p.

PAROTID GLANDS
Effect of carbocholine on the secretion of the parotid gland. A IA Martynova Uch zap Omsk gos ped inst. no 17 61-64 '59.

PARQULT FLOORS
(see also subdivision under Moscow)
Voronov, P. I. [Booklet on safety measures for the parquet layer] Pamiatka po tekhnike bezopasnosti dlia parketchika. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 15 p. (Tekhnika bezopasnosti)

PARTHIA
"The original homeland of the Parthians" [in English] by B Phillip Lozinski Reviewed by G A Koshelenko Sov arkheol 5 no 3 306-312 '61

PARTICLE ACCELERATORS
[Accelerators; collection of articles] Uskoriteli; sbornik statei. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhniki, 1960. 121 p.
[MICROFILM]
Equalization of the accelerating field in the "long" resonator of a linear heavy-particle accelerator [with summary in English]. L. I. Bolotin, V. O. Bomko, E. I Revuts'kyi Ukr. fiz. zhur. 6 no. 2 163-167 Mr-Ap '61
High-frequency characteristics of the "long" resonator of a linear heavy-particle accelerator [with summary in English] L. I Bolotin, V O Bomko, E. I Revuts'kyi Ukr. fiz. zhur. 6 no 2 157-162 Mr-Ap '61.
Requirements of amplitude and phase stability of the fields in the cavities of a linear accelerator. A. P. Fedotov, V. A. Teplitskov. Radiotekh. i elektron. 6 no. 7:1205-1206 Jl '61.

PARTICLES (NUCLEAR PHYSICS)
Author's corrections and supplementary remarks on the article "Cross sections of the interaction of high energy particles," V. S. Barashenkov. Usp. fiz. nauk 73 no. 3: 589-590 Mr '61.
Elementary particles [translated from the English]. A Salam. Usp. fiz. nauk 74 no 1.141-160 My '61.
Polarization of particles with spin 1 in elastic scattering. IU. A. Popov. Vest. Mosk. un. Ser. 3: Fiz., astron. 16 no. 2:26-33 Mr-Ap '61.
Symmetric composite model of strongly interacting elementary particles [with summary in English]. IA B Zel'dovich. Zhur. eksp i teor. fiz 40 no 1 309-324 Ja '61
Using methods of the theory of superconductivity in problems pertaining to the masses of elementary particles [with summary in English] V. G. Vaks, A I. Larkin Zhur., eksp. i teor fiz 40 no. 1 282-285 Ja '61

PARTRIDGES see subdivision under Kabardino-Balkar A. S. S. R.

PASSERIFORMES see subdivision under Lena Valley

PASSIVATION
Manufacture of electrodes without preliminary passivation of ferroalloys. A. A. Fil'chakov. Svar. proizv. no. 6:35-36 Je '61.

PASTEUR, LOUIS, 1822-1895
Correspondence of L. Pasteur with some Russian public figures at the end of the 19th century. N. M. Gutseva. Zhur. mikrobiol epid. i immun 31 no. 12:117-121 D '60.
Imshenetskii, A. A. [Louis Pasteur; his life and work] Lui Pastor; zhizn' i tvorchestvo. Moskva, Izd-vo Akad. nauk SSSR, 1961. 68 p.

PASTEURELLA
Case of the isolation of hemorrhagic septicemia pathogene from Rhombomys opimus L. I. Bakulina Zhur. mikrobiol epid i immun. 32 no. 5 122-123 My '61

PASTEURELLA PESTIS
Effect of iron on the growth and virulence of plague microbes [with summary in English]. L. A Avanian, N. E. Gubina. Zhur. mikrobiol epid. i immun. 32 no 3: 92-97 Mr '61.
Effect of the plague microbe toxin on phosphorus metabolism in the liver [with summary in English]. I. V. Domaradskii, I. M. Klimova, L. G. Perevalova. Vop. med. khim. 7 no. 2:145-149 Mr-Ap '61.
Studying ticks of the genus Dermacentor as carriers of Bacillus pestis under experimental conditions. P A Poluliakh, R. V. Grebeniuk. Izv. AN Kir SSR. Ser. biol nauk 2 no. 2 no. 7.31-36 '60.

PASTEURELLA PSEUDOTUBERCULOSIS
Case of the isolation of the pseudotuberculosis pathogen from Marmota baibacina. Z A, Plankina, N S, Ogneva Zhur mikrobiol epid. i immun. 32 no. 5:124-127 My '61

PASTEURELLA TULARENSIS

Virulence of tularemia microbes isolated from the human organism [with summary in English] O. S. Emel'ianova. Zhur. mikrobiol. epid. i immun. 32 no. 5 61-66 My '61.

PASTURES AND MEADOWS
(see also subdivision under Stupino District, Yenisey Valley)

Economic effectiveness of cultivated pastures in green fodder planning. Iu. S. Tkal'. Dokl. TSKhA no. 58 157-165 '60.

Effect of various grasses on the growth and development of legumes in grassland mixtures. A. Ten. Dokl. TSKhA no. 59:99-105 '60.

Larin, I. V., and T. R. Godlevskaia. [Improvement of natural meadows and pastures] Uluchshenie prirodnykh senokosov i pastbishch. Moskva, Izd-vo "Znanie," 1961. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6, Sel'skoe khoziaistvo, no. 10)

Particular aspects of investigating cultivated perennial pastures. M. V. Kuksin. Visnyk sil'hosp. nauky 4 no. 7 45-50 Jl '61.

Using 2,4-D for killing weeds on meadows. A. A. Fomina. Zashch. rast. ot vred. i bol. 5 no. 1:25-26 Ja '60.

Vysotskii, A. A., and others. [Improvement and utilization of natural grasslands] Uluchshenie i ispol'zovanie prirodnykh kormovykh ugodii. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 143 p. (DA)

PASTURES AND MEADOWS—FERTILIZERS AND MANURES see subdivision under Yakutia

PATELLA—DISLOCATION

Traumatic dislocations of the patella. A. Abdugafurov. Med. zhur. Uzb. no. 1:41-42 Ja '61.

PATENT LAWS AND LEGISLATION

Supreme Court of the U. S. S. R. interprets. I. Gringol'ts. Izobr. i rats. no. 6:32-34 Je '61.

"We shall not consider the case." Azarkh. Izobr. i rats. no. 7:34 Jl '61.

PATENTS

[Bulletin on inventions.] Biul. izobr. 38 no. 10 '61.

Literature on patents to inventors and innovators. M. Abgarian. Prom. Arm. 4 no. 1-70 Ja '61.

PATHOGENIC FUNGI see Fungi, Pathogenic

PATHOLOGY, EXPERIMENTAL

"Experimental reproduction of human diseases" by D. S. Sarkisov, P. I. Remezov. Reviewed by A. A. Smitskii. Vop. virus. 6 no. 2:242-243 Mr-Ap '61.

PATHOPHYSIOLOGICAL SOCIETIES see subdivision under Leningrad

PATTERNMAKING

Patterns made of epoxy resin. O. I. Stroilova, A. V. Stoliarikhina, A. A. Stoliarikhin. Lit. proizv. no. 6:43 Je '61.

Semipermanent plastic dies for pattern in precision casting. A. A. Shturman. Lit. proizv. no. 3:35-36 Mr '61.

PAULICIANS

Bartikian, R. M. [Sources for studying the history of the Paulician movement] Istochniki dlia izucheniia istorii pavlikianskogo dvizheniia. Erevan, Izd-vo AN Armianskoi SSR, 1961. 215 p.

PAVEMENTS—CONTRACTS AND SPECIFICATIONS

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Technical specifications SN 120-60 for designing airport pavements] Tekhnicheskie usloviia proektirovaniia aerodromnykh pokrytii SN 120-60. Moskva, Gos. izd-vo po stroit., arkhit. i stroit. materialam, 1961. 78 p.

PAVLENKOV, FLORENTH FEDOROVICH, 1839-1900

Devotees of the book ("Life for the book, from the history of the book and publishing in Russia" by I. D. Sytin; "The publisher F. F. Pavlenkov; a sketch of his life and activities" by N. M. Rassudovskaia. Reviewed by Nik. Smirnov-Sokol'skii). INovyi mir 37 no. 7:274-278 Jl '61.

"The publisher F. F. Pavlenkov (1839-1900)" by N. M. Rassudovskaia. Reviewed by V. V. Popov. Poligr. proizv. no. 5:31 My '61.

PAVLODAR PROVINCE—BIRDS

Bird fauna in the region of reclaimed virgin lands (Pavlodar area of the Irtysh Valley). V. G. Iyliev, O. V. Mitropol'skii, M. G. Tazetdinov. Ornitologiia no. 3. 298-301 '60.

PAVLODAR PROVINCE—BOTANY

Principal plant formations in Pavlodar Province. M. I. Nemtsov. Dokl. TSKhA no. 50:143-153 '60.

PEACE

Call to reason. Nov. vrem. 19 no. 2811-2 Jl '61.

This must not be repeated. I. Levchenko. Sov. kras. krest. 11 no. 3:7 My-Je '61.

Time for great decisions. Nov. vrem. 19 no. 2811-2 Je '61.

Voice of a mother. N. V. Afanas'eva. Sov. kras. krest. 11 no. 3:9 My-Je '61.

PEACE SOCIETIES see subdivision under Japan

PEACH see subdivision under Moldavia

PEAR see subdivision under Lenkoran region

PEAS

Cytological and embryological changes in peas grown from seeds which have been irradiated by thermal neutrons. K. V. Chaikina, S. P. Selishchev. Doklady TSKhA no. 57 55-61 '60.

Effect of neutron radiation on metabolism in peas. A. V. Egorov. Doklady TSKhA no. 57 49-54 '60.

PEAS—DISEASES AND PESTS

Complete the instructions for the fumigation of peas. K. Bo...in. Muk.-elev. prom. 27 no. 6 27 Je '61.

PEAS—HARVESTING

Mechanized harvesting of peas. R. Sidak, I. Vasil'ev. Tekh. v sel'khoz. 21 no. 6 4-8 Je '61.

Over-all mechanization in harvesting green peas. A. P. Solomakhin. Mekh. sil'. hosp. 12 no. 7,14-15 Jl '61.

PEAS—VARIETIES

Technological properties of various pea varieties. E. Kozmina. Muk.-elev. prom. 27 no. 5 15-17 My '61.

PEASANT UPRISINGS
(see also subdivision under Kabardino-Balkar A. S. S. R.; Ukraine, Western)

Nifontov, A. S., and B. V. Zlatoustovskii, eds. [The peasant movements in Russia from 1861 to 1869; collected documents] Krest'ianskoe dvizhenie v Rossii v 1861-1869 gg., sbornik dokumentov. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 861 p. (Krest'ianskoe dvizhenie v Rossii v XIX-nachale XX veka)

PEASANTRY
(see also subdivision under Turkey)

The Bolshevik party in the struggle for the peasant masses during the period of new revolutionary enthusiasm, 1910-1914. N. I. Kuklin. Uch. zap. Irk. gos. ped. inst. inostr. iaz. no. 3 3-41 '59.

PEAT

Changes in the form of nitrogen in ammoniated peat during storage and the effectiveness of peat-ammonium fertilizers. P. M. Smirnov, A. A. Lur'ev. Dokl. TSKhA no. 64 57-64 '61.

PEAT—DRYING

Generalized results of the study of cyclone drying of milled peat. A. E. Protskii. Izv. vys. ucheb. zav., energ. 4 no. 5 57-59 My '61.

PEAT BOGS see subdivision under Moscow Province; Russia, Northwestern

PEAT INDUSTRY

Calculation of the forces applied in the extrusion of wet peat placed between flat plates. I. I. Mogilevskii. Izv. vys. ucheb. zav.; gor. zhur. no. 4: 41-46 '61.

PEAT INDUSTRY—SAFETY MEASURES

Kuleshov, A. V., and P. I. Il'in. [Safety measures in the peat industry] Tekhnika bezopasnosti v torfianoi promyshlennosti. Moskva, Gos. energ. izd-vo, 1960. 166 p.

PEAT MACHINERY

The PDT-1, 5 peat winning and loading machine. D. S. Ibragimov. Biul. tekh.-ekon. inform. no. 5:64-65 '61.

PEAT SOILS
(see also subdivision under Ukraine)

Calculations for the subirrigation of peat soils. O. V. Skrypnyk. Visnyk sil'hosp. nauky 4 no. 7 62-66 Jl '61.

Forms of the accumulation and migration of various substances in bog soils [with summary in English]. V. N. Efimov. Pochvovedenie no. 6:67-76 Je '61.

PECHERSKY MONASTERY

Kiev. Derzhavnyi zapovidnyk-muzei "Kyievo-Pechers'ka Lavra." [A guide] Putevoditel'. Kiev, Gos. izd-vo polit. lit-ry USSR, 1961. 159 p.

Kovnir tower. I. Ignatkin, S. Kilesso. Stroi. i arkhit. 9 no. 4:33 Ap '61.

PECHORA BASIN—FROZEN GROUND

Akimov, A. T., and I. A. Tiutiunov. [Permanently frozen ground and microrelief in the Pechora coal basin] Mnogoletnemerzlye porody i mikrorel'ef v Pechorskom ugol'nom basseine. Moskva, Izd-vo Akad. nauk SSSR, 1961. 78 p.

[MICROFILM]

PECHORA RIVER

Pechora River will flow into the Caspian Sea. A. M. Grin. Nauka i zhizn' 28 no. 5:13-15 My '61.

PECHORA RIVER—REGULATION

Pechora - Caspian, northern rivers will... G. L. Sarukhanov. Priroda 50 no. 7: 53...

Streamflow diversion of northern rivers... lumbering industry. D. Fogel', R. Shch... prom. 39 no. 5 1-4 My '61.

PECHORA VALLEY—GEOLOGY, STRATI...

Chalyshev, V. I. [Stratigraphy and litholo... and Triassic lagoonal and terrestrial d... tral Pechora] Stratigrafiia i litologiia l... nental'nykh otlozhenii permi i triasa S... Moskva, Izd-vo Akad. nauk SSSR, 1961.

Devonian stratigraphy and facies of the s... the Pechora Valley portion of the Urals. A. G. Kondiain. Mat. VSEGEI Ob. ser...

Permian and Triassic of the right bank o... Pechora River. V. P. Gorskii. Mat. VS... no. 28 111-120 '60.

PECHORA VALLEY—PETROLOGY

Chalyshev, V. I. [Stratigraphy and litholo... and Triassic lagoonal and terrestrial d... tral Pechora] Stratigrafiia i litologiia l... nental'nykh otlozhenii permi i triasa S... Moskva, Izd-vo Akad. nauk SSSR, 1961.

PEDIATRIC SOCIETIES see subdivision u...

PEDIATRICS

Brief news. Sov. zdrav. 19 no. 3: 88-89...

Conference on problems in controlling ch... diseases. T. G. Filosofova, A. B. Sheth... mikrobiol. epid. i immun. 31 no. 8: 153...

Organizational problems in pediatric gyn... Stepanov. Akush. i gin. 37 no. 1: 23-25...

PEDIATRICS—CONGRESSES

For a further extension and strengthening... between pediatricians of the whole worl... of the First All-Asiatic Congress of Pe... Delhi, January 2-6, 1961). A. F. Tur... det. 6 no. 4:3-8 Ap '61.

PEDOLOGY (SOIL SCIENCE) see Soil scie...

PEGMATITES

Bertrandite from the cavities of rare met... K. I. Chepizhnyi, T. A. IAkovlevskaia. Ve... Ser. 4 Geol. 16 no. 3 41-43 My-Je '61...

Zirconium hafnium ratio in zircons fro... various composition. I. M. Lipova, L. D... Geokhimiia no. 7 634-636 '61.

PEIPING—THEATER

"Mu Kuei-ying leads her forces." L. Did... no. 6 184-186 Je '61.

PEKING see Peiping

PELICANS—PARASITES see Parasites—...

PENAL INSTITUTIONS see Workhouses

PENDZHIKENT—PHYSICIANS

One must value the authority of the physi... meldinov. Zdrav. Tadzh. 8 no. 3: 9-11...

PENICILLIN

Antimicrobial effects of penicillin in sup... in relation to the viscosity and aeratio... V. N. Solov'ev, V. S. Zueva. Antibiotiki My-Je '60...

Case of anaphylactic shock with fatal out... a single dose of penicillin. M. I. Ksend... Salant. Antibiotiki 5 no. 3: 105-106...

Case of the masking action of penicillin... Zhur. ush., nos. i gorl. bol. 21 no. 1: 71-...

Change in the plasmocyte reaction and fo... antitoxin in rabbits under the effect of p... summary in English]. N. V. Chumache... mikrobiol. epid. i immun. 32 no. 1: 73-...

Changes in toxigenic and other properties... cus aureus under the influence of antibi... mary in English]. Sy Chzhi-dun [Ssŭ C... biotiki 5 no. 3: 80-84 My-Je '60.

Combined use of bicillin, dihydrostreptor... oxytetracycline in the treatment of acut... sickness [with summary in English]. N... skaia, G. E. Vaisberg. Antibiotiki 5 n... Je '60.

Effect of endogenous hyperthermia on the... biological barriers to S35 penicillin. S3... album, and radiophosphorus [with summ... I. P. Popov. Antibiotiki 5 no. 3: 51-55...

Histomorphological changes in the roseol... of the skin in syphilitic patients treated... Kh. Kh. Khusainov, N. P. Krut'ko. Med.... 55-58 Ja '61.

Intratracheal administration of a suspens... with penicillin in cavernous pulmonary... [with summary in English]. A. I. Gera... ush., nos. i gorl. bol. 21 no. 2: 61-67...

PENICILLIN (Continued)
Penicillin protoplasts in Enterobacteriaceae [with summary in English] D. G. Kudlai, N. N. Solov'ev, S. V. Protorovskii. Zhur. mikrobiol. epid. i immun. 32 no. 3 22-28 Mr '61
Treatment of acute suppurative otitis media complicated by mastoiditis with subperiosteal injections of novocaine-penicillin [with summary in English]. E. M. Cherepanova. Zhur. ush., nos. i gorl. bol. 20 no. 5. 11-14 S-O '60.

PENICILLIN—PHYSIOLOGICAL EFFECTS
Effect of adding cobalt and penicillin to the food ration of young carp. D. P. Karpanin, N. P. Ushakov. Dokl. TSKhA no. 61-163-168 '61

PENICILLIUM
Stimulating effect of Penicillium glaucum on the multiplication of Leptospira [with summary in English] N. G. Fiheva. Zhur. mikrobiol. epid. i immun. 31 no. 3 79-83 Mr '60
Studies on a possibility of the synthesis of synnematin by P. chrysogenum [with summary in English] V. A. Severin, T. P. Verkhovtseva. Antibiotiki 5 no. 3:11-15 My-Je '60

PENKINA, ZINAIDA MIKHAILOVNA, 1861-1888
Z. M. Penkina, the first Russian woman bibliographer. Sov. bibl. no. 3 40 '61

PENSIONS
How to make the formal application for a pension. A. Dribinskii. Sov. knizh. torg. 12 no. 8:41 Ag '60

PENTANE
Catalytic isomerization of n-pentane. G. N. Maslianskii and others. Izv. vys. ucheb. zav., khim. i khim. tekh. 3 no. 2 359-363 '60.

PENTENYNE
Investigation in the field of conjugate systems. Report No. 124: Direction of the hydration of isobutenylacetylene (4-methyl-3-penten-1-yne). B. S. Kupin, A. A. Petrov. Trudy LTI no. 60:70-74 '60.

PENTENYNOL
Determination of 3-methyl-2-penten-4-yn-1-ol in the presence of 3-methyl-1-penten-4-yn-3-ol. I. A. Solunina, R. A. Sorokina, V. A. Devlatin. Med. prom. 15 no. 5 60-61 My '61.

PENTOBARBITAL
Preparation of patients for pneumoencephalography with aminazine in association with nembutal [with summary in French]. A. N. Ignat'ev, L. V. Silina. Zhur. nevr. i psikh. 61 no. 2:251-253 '61.

PENTOSES
Pentose cycle and its role in medicine. I. Sonka, R. Ermolenko. Vop. med. khim. 7 no. 2 115-120 Mr-Ap '61.

PENZA—CLOCKMAKING AND WATCHMAKING
Public-spirited workers of an industrial plant. V. Pavlik. Agitator no. 13 53-54 Jl '61.

PEPPERMINT OIL see subdivision under Bulgaria

PEPTIC ULCER
Influence of hexamethon on capillary function in peptic ulcer. E. I. Samson. Vrach. delo no. 4:131-132 Ap '61.

PEPTIDES
Comparing the enzymatic hydrolysates of nonspecific gamma globulins and antibodies of rabbits [with summary in English]. A. E. Gurvich, L. M. Gubernieva, K. N. Miasoedova. Biokhimiia 26 no. 3 468-476 My-Je '61.
Effect of sarcolysine peptides on the metabolism of purine nucleotides in tumor cells [with summary in English]. I. N. Romanova. Biokhimiia 26 no. 3 431-438 My-Je '61.
Glucopeptides liberated by proteases from egg albumin [with summary in French]. E. D. Kaverzneva, TSi De-fan [Ch'i Tieh-fang]. Biokhimiia 26 no. 3 420-425 My-Je '61.
The neutral fraction of low-molecular pepsin peptides of horse hemoglobin [with summary in English]. V. V. Oppel'. Biokhimiia 26 no. 3 462-467 My-Je '61.
Preliminary data on the culturing of the causative agents of tularemia, brucellosis, and plague on a medium with native fermentative hydrolysate aminopeptide-2. Report No. 1. A. S. Leibenzon, Z. F. Luchsheva. Zhur. mikrobiol. epid. i immun. 31 no. 12:102-103 D '60.

PERCH
(see also subdivision under Dnieper River)
Catch capacity and damageability of trawls used in perch fisheries of the Bering Sea. A. V. Lestev. Ryb. khoz. 37 no. 4:53-58 '61.
Development of eyes and their function in embryos and larvae of the pike perch (Lucioperca lucioperca Linne). E. A. Baburina. Trudy Inst. morf. zhiv. no. 33:151-172 '61.

PERESLAVL' DISTRICT—AGRICULTURAL EXPERIMENT STATIONS
Plan for the organization and management of the "Druzhba" Training and Experimental Farm. A. D. Sal'kova. Dokl. TSKhA no. 58, 293-298 '60.

PERESVETSOV, IVAN SEMENOVICH, fl 1530-1549
"I. S. Peresvetov and his generation" by A. A. Zimin. Reviewed by I. B. Zil'berman, IA. Maliarchik. Izv. vys. ucheb. zav., prav. 4 no. 1 165-171 '60

PERICROCOTUS see subdivision under Amur Valley

PERIODIC LAW
Modern theory of the periodic table and the law of the filling of the electron shell according to V. M. Klechkovskii, first report. F. P. Platonov. Dokl. TSKhA no. 61 169-185 '61
Periodic systems of elements and antielements. E. I. Akhumov. Zhur. ob. khim. 31 no. 6:1777-1780 Je '61
Study of D. I. Mendeleev's legacy and the realization of his ideas. A. A. Makarenia. Zhur. VKHO 6 no. 3 345-346 '61

PERIODICALS
(see also subdivision under Germany, East)
Best Soviet magazines of 1960 judging by artistic format and printing. Poligr. proizv. no. 5 5 My '61.
Let's improve the quality of magazines in every way. Poligr. proizv. no. 5 1-2 My '61.
Results of the competition for the best magazine format and execution. N. D. Fomin, I. A. Grazov. Poligr. proizv. no. 5:3-5 My '61.

PERIODICALS—BIBLIOGRAPHY—UNION LISTS
Experience in making a union catalog of foreign scientific and technological journals in the V. G. Korolenko State Scientific Library. V. I. Bezuglyi. Opyt rab. bibliot. i inostr. lit. no. 2:21 '59.

PERIODICALS—CIRCULATION see Newspaper and periodical circulation

PERIODICITY
Daily periodicity of certain metabolic processes in night subway workers [with summary in English]. L. M. Solov'eva. Vop. pit. 20 no. 2:11-15 Mr-Ap '61.

PERIPHERAL NERVES see Nerves, Peripheral

PERITONITIS
Clinical aspects and treatment of acute suppurative peritonitis in old age. P. V. Ryzhov. Zdravookhranenie 2 no. 4:39-42 Jl-Ag '59.
Organizational and therapeutic measures in controlling peritonitis. O. G. Babaev. Zdrav. Turk. 5 no. 1:42-46 Ja-F '61.

PERJURY
Criminal responsibility of witnesses. I. M. Chernykh. Izv. vys. ucheb. zav., prav. 4 no. 1:141-145 '60.

PERLITE (MINERAL) see subdivision under Kalush; Kazakhstan

PERM—AERONAUTICS AS RECREATION
Along the path of heroes. V. Batalov. Kryl. rod. 12 no. 2, 25 F '61.

PERM PROVINCE—INLAND WATER TRANSPORTATION
Organizing transportation on the small rivers on Perm Province. I. Korobkov, V. Kazantsev. Rech. transp. 20 no. 6:22-24 Je '61

PERM PROVINCE—SAWMILLS
Concentrate sawmills in the Perm Province. A. Syroezhin. Les. prom. 39 no. 6:27-28 Je '61.

PERM PROVINCE—WORLD WAR, 1939-1945
"The Perm party organization during the Great Patriotic War, from 1941 to 1945" by A. G. Naumova. Reviewed by G. A. Kumanev. Vop. ist. no. 6:127-129 Je '61

PERMAFROST see Frozen ground

PERMALLOYS
Barkhausen effect in thin films of molybdenum and permalloy. N. M. Selanskii, A. M. Rodichev, M. K. Savchenko. Izv. Sib. otd. AN SSSR no. 4 110-113 '61

PERMEABILITY
Porous ground model; geometric parameters and ground permeability. S. V. Kuznetsov. PMTF no. 1:85-94 Ja-F '61.

PERMITTIVITY see Dielectric constants

PEROXIDASE
Activity of the catalase and peroxidase in typhoid fever bacteria of varying virulence. D. G. Kudlai, V. G. Petrovskaia, S. F. Gorshkova. Zhur. mikrobiol. epid. i immun. 32 no. 5:120-120 My '61.
Influence of antibacterial preparations on peroxidase in mycobacteria [with summary in English]. A. M. Khoma-Lemishko. Antibiotiki 5 no. 3:73-74 My-Je '60.

PEROXIDES
Effect of the oxidation temperature of n-paraffinic hydrocarbons on the direction of decomposition of alkylhydroxyperoxides. V. K. TSyskovskii, F. TS. Shcheglova. Khim. prom. no. 5:325-326 My '61.
Formation and decomposition of hydroperoxides of atactic propylene [with summary in English]. Z. Maniasek and others. Vysokom. soed. 3 no. 7:1104-1109 Jl '61.

PERSEPOLIS—CUNEIFORM INSCRIPTIONS, ELAMITE
Tiurin, V. O. [Some new observations on Elamite business documents from Persepolis. Moskva, Izd-vo vostochnoi lit-ry, 1960. 10 p.

PERSIA see Iran

PERSIAN MANUSCRIPTS see Manuscripts, Persian

PERSISTENCE
Methods for building persistence and endurance in older pupils in the process of training in track athletics. O. M. Tutundzian. Probl. psikhol. sporta no. 1, 178-198 '60

PERSONALITY
"Problems in the psychology of personality and the psychology of labor." Edited by V. S. Merlin. Reviewed by L. I. Umanskii. Vop. psikhol. 7 no. 3 129-134 My-Je '61.

PERSPIRATION
Condition of the nerve receptor apparatus of the skin, perspiration, and neurovascular reactions in vitiligo [with summary in French]. Shao Chan'-gen' [Shao Ch'an-ken]. Sbor. nauch. rab. po lept. i derm. no. 13: 91-102 '59.

PERU—ORE DRESSING
"Tokepala" Ore Dressing Plant in Peru [from "Engineering and Mining Journal," no. 1, 1960]. TSvet. met. 34 no. 6 91-95 Je '61.

PESTS—EXTERMINATION
"Disinfection and insect and rat extermination" by I. P. Stepanov. Reviewed by V. N. Dodonov. Zhur. mikrobiol. epid. i immun. 32 no. 3:143-145 Mr '61.

PETER THE GREAT BAY—FISHES—EGGS
Distribution of eggs of the Pacific mackerel Pneumatophorus japonicus (Houttuyn) and the mullet Mugil so-iuy Basilewsky in Peter the Great Bay. O. A. Zviagina. Trudy Inst. okean. 43:328-336 '61.

PETRELS see subdivision under Pacific Ocean

PETROLATUM—TOXICOLOGY
Problem of oleopneumonia. M. E. Nechaeva. Arkh. pat. 23 no. 4 87-88 '61.

PETROLEUM—ANALYSIS
(see also subdivision under Bashkiria; Carpathian Mountain region; Izbaskentskiy region; Tuymazy region)
Development of methods for the identification of basic and nonbasic nitrogen organic compounds in crude oils. N. N. Bezinger, G. D. Gal'pern. Khim. sera i azotorg. soed. v nefti i nefteprod. 3:139-148 '60.
Use of gas-liquid chromatography for a more intensive study of the chemical composition of crude oils. N. E. Podkletnov. Izv. Sib. otd. AN SSSR no. 5 70-79 '61.

PETROLEUM—PIPELINES
Use of emulsifying detergent solutions for cleaning the inner surfaces of petroleum pipelines prior to their painting. A. A. Ginik, E. M. Tikhova. Lakokras. mat. i ikh prim. no. 3 39-42 '61.

PETROLEUM—REFINING
(see also subdivision under Bashkiria; Gur'yev)
Economic effectiveness of catalytic reforming units with a platinum catalyst. Iu. F. Sokov, L. G. Nikitina. Khim. i tekh. topl. i masel 6 no. 7:31-34 Jl '61
Effect of the refining method on the hydrocarbon composition of fractions containing organic sulfur compounds. V. G. Nikolaeva, E. V. Zvereva. Khim. sera i azotorg. soed. v nefti i nefteprod. 3:397-405 '60.
Hydrofining of distillate fractions from eastern crudes, introducing no hydrogen from without. A. D. Sulimov, M. V. Lobaev, I. N. Kozhina. Khim. sera i azotorg. soed. v nefti i nefteprod. 3:365-376 '60.
Hydrogenolysis of sulfur organic compounds under conditions of hydrofining. R. D. Obolentsev, A. V. Mashkina. Khim. sera i azotorg. soed. v nefti i nefteprod. 3:295-320 '60.
Poisoning of a platinum catalyst with thiophene under conditions of reforming. Kh. M. Minachev, D. A. Kondrat'ev. Khim. sera i azotorg. soed. v nefti i nefteprod. 3:345-352 '60.
Preparation of low pour-point industrial and motor oils from different types of sulfur-bearing crudes by hydrogenation and carbamide dewaxing. A. V. Druzhinina, D. L. Gol'dshtein, M. V. Rysakov. Khim. sera i azotorg. soed. v nefti i nefteprod. 3:377-387 '60.

PETROLEUM—STORAGE
Basic trends in the development of tank farms; results of the discussion of the article by A. G. Dubiaga and others published in "Neftianoe khoziaistvo" no. 8, 1960; conclusion. A. K. Tomashin and others. Neft. khoz. 39 no. 4:60-64 Ap '61.

PETROLEUM—THERAPEUTIC USE
Naftalan petroleum and its therapeutic action. T. G. Pashaev. Med. sestra no. 5:34-37 My '61.

PETROLEUM—THERMAL PROPERTIES
Role of elementary sulfur in the formation of hydrogen sulfide during the heating of crude oils. R. D. Obolentsev, B. V. Aivazov, K. V. Titova. Khim. sera i azotorg. soed. v nefti i nefteprod. 3:253-259 '60

PETROLEUM—TRANSPORTATION
Rapid loading and unloading of petroleum bulk cargo in the Gorkiy Habor. A Malyshkin Rech transp 20 no 6;32-33 Je '61

Using separators in batching. Z. F. Karimov, V. I. Chernikin. Neft. khoz. 39 no. 4 56-60 Ap '61.

PETROLEUM AS FUEL
Gasification of fuel oil. S. G. Troib, A. N. Chernlatin, F K Velizhev Izv. vys. ucheb zav., chern met 4 no. 6;104-107 '61

Self-discharging marine separators for the cleaning of heavy fuels [from foreign journals] R M. IUtkevich Sudostroenie 27 no. 6 69-73 Je '61.

PETROLEUM COKE

Distribution of sulfur and nitrogen in the products of coking of heavy residual oils in a fluidized bed of finely divided coke. G S Spektor, IA. A. Botnikov, V A. Brusina Khim. sera i azotorg soed v neft i nefteprod. 3;193-197 '60.

PETROLEUM ENGINEERING

Possibility for the introduction of the "gallery method" of operating oil fields. V. V. Skvortsov Izv. AN SSSR. Otd. tekh nauk. Mekh. i mashinostr. no. 3.199-201 My-Je '61.

PETROLEUM ENGINEERING—TECHNOLOGICAL INNOVATIONS
An ideal means for an ideal end. R. Bakhtamov. Izobr. i rats. no. 7:31-33 Jl '61.

PETROLEUM GEOLOGY
(see also subdivision under Apsheron Peninsula; Aravan Valley, Azerbaijan; Bitkov region; Black Sea region; Borislav region; Caspian Lowland, Caspian Sea region; Caucasus, Northern; Dolinskoye region, Emba Valley; Georgia; Guriya, Imeretian Range, Kamchatka; Krasnodar Territory, Kuznetsk Basin, Libya; Russian Platform; Sakhalin, Siberian Platform; Stavropol Territory; Tiflis region; Turkmenistan, White Russia; Zeya-Bureya Plain)

Concerning the basic problems of petroleum geology. P. IA Antropov's "theories," and the actual facts M F Mirchink. Geol. nefti i gaza 5 no. 6:20-28 '61.

Direct oil and gas prospecting methods, are an important problem in geologic exploration Sov. geol. 4 no. 6: 3-7 Je '61.

Effectiveness of geological prospecting for oil and gas in the U. S. S. R. Geol nefti i gaza 5 no 6 1-6 '61

Fissured rocks and their physical properties P. F. Milanshkin. Trudy VNIGRI no 163 588-597 '60.

Migration of oil and its paths. V. P. Linets'kyi. Pratsi Inst. geol. kor kop AN URSR 1:67-79 '59.

A new parameter for genetic classification of petroleum. O. A. Radchenko Dokl AN SSSR 136 no 6:1434-1437 Je '61.

New theories of the petroleum origin. V. B. Porfir'ev. Pratsi Inst geol kor kop. AN URSR 1:29-36 '59.

On P. IA. Antropov's article in connection with basic theorical and practical problems. I. O. Brod Geol. nefti i gaza 5 no. 6:29-35 '61.

Paths and aspects of vertical migration of oil in a productive bed. Sh. F. Mekhtiev, V. A. Gorin, Uch. zap AGU. Geol.-geog. ser. no. 3-3-8 '60.

Role of crustal fluctuations in the creation of oil-forming series. T. O. Zabokritskii. Trudy VNIGRI no. 163· 493-500 '60.

Session of Oil and Gas Section of the Council of Geological Testimony of the Main Geological Prospecting Administration of the R. S. F. S. R. G. TSaturov, A. Kuznetsov. Geol. nefti i gaza 5 no 6·62-64, 3 of cover '61.

Some problems of theory and practice in the estimation of oil and gas potentials on the basis of hydrogeologic criteria. V. N. Kortsenshtein Sov. geol. 4 no. 6 17-27 Je '61.

Vertical and lateral migration of petroleum. V. A. Gorin. Dokl. AN Azerb. SSR 17 no. 4;305-308 '61.

PETROLEUM INDUSTRY
(see also subdivision under Arab Countries; Krasnodar)
Brief news. Neft. khoz. 39 no. 4:68-69 Ap '61.

From the editorial board. Khim. sera i azotorg. soed. v neft. i nefteprod. 3;3-4 '60.

Nonionogenic disemulsifiers as a basis for the improvement of sewage from petroleum processing. Z. A Bernadiuk Vod i san. tekh. no. 5.6-9 My '61

Oil and gas industry workers' conference. Sots. trud 5 no. 12;143-144 D '60.

Storerooms of dead ponds. N. Korenevskii. Izobr. i rats. no. 7:9-10 Jl '61.

PETROLEUM INDUSTRY—CONGRESSES
Third Plenum of the Central Committee of the Trade Union of the Petroleum and Gas Industry. S K. Latshekov. Khim. i tekh. topl i masel 6 no. 7:71 Jl '61.

PETROLEUM INDUSTRY—FINANCE
"Financing oil and gas industries" by I. M. Broide. Reviewed by V. I. Egorov. Neft. khoz. 39 no. 4:69-71 Ap '61.

PETROLEUM INDUSTRY—FIRES AND FIRE PREVENTION
Disaster has been averted. I. Dudnikov. Pozh. delo 7 no. 6·27 Je '61.

Explosion-proof storage-battery lamp. IU. Grabovetskii, V. Shimanov. Pozh. delo 7 no. 6:11 Je '61.

PETROLEUM INDUSTRY—LABOR PRODUCTIVITY see subdivision under Bashkiria

PETROLEUM INDUSTRY—SAFETY MEASURES
Petroleum workers are scientists. V. A Peltsov. Zdorov'e 7 no. 7 3 Jl '61.

PETROLEUM PRODUCTS
Determination of chlorine in the presence of sulfur in petroleum products and additives to lubricants N. V Ogareva Khim. sera i azotorg. soed. v nefti i nefteprod 3,151-154 '60

Development of methods for the utilization of sulfur removed in the refining of clear petroleum products F. A. Sokolov, B E Stankevich, N G. Toroptsev Khim. sera i azotorg soed v neft nefteprod. 3;407-410 '60

Distribution of sulfur in the cracking products of heavy charge stocks A V. Agafonov B. T. Abaeva, N A Okinshevich Khim sera i azotorg soed. v neft. i nefteprod. 3;183-192 '60

Introduction. Khim. sera i azotorg. soed. v neft i nefteprod 3;5 '60

Katashnikov, N. V., and V. I. Chernikin. [Vibration heating of viscous petroleum products] Vibropodogrev vlazkikh nefteproduktov. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 73 p.

Means for further development and improvement of the petroleum supply system. A. A. Keller Neft. khoz. 39 no 7 48-52 Jl '61.

Polarographic determination of free sulfur in petroleum products V G Luk'ianitsa, G D Gal'pern Khim. sera i azotorg. soed v neft. i nefteprod 3;121-129 '60

PETROLEUM PRODUCTS—STANDARDS
Russia (1923- U. S. S. R.) Vsesoiuznyi komitet standartov. [Petroleum products and products of solid fuel processing, technical specifications] Nefteprodukty i produkty pererabotki tverdykh topliv; tekhnicheskie trebovaniia. Izd. ofitsial'noe. Moskva, 1961. 451 p. (SSSR. Gosudarstvennye standarty)

PETROLEUM PRODUCTS—STORAGE
Storage periods for petroleum products have been extended. A. Milashevskii. Tyl i snab. Sov. Voor. Sil 21 no. 1 75-77 Ja '61.

PETROLEUM REFINERIES
Ways to accelerate the construction of oil refineries. S Rovenskii. Na stroi. Ros. no. 2 15-17 F '61.

PETROLEUM WASTE
Role of Azotobacter in the biological purification of petroleum waste [with summary in English]. A. M Arenshtein. Mikrobiologiia 30 no 2·304-307 Mr-Ap '61.

PETROLEUM WORKERS—DISEASES AND HYGIENE see subdivision under Ordzhonikidze District

PETROLOGY
(see also subdivision under Pechora Valley; Ukraine, Yenisey Ridge)
Relationship between the physical properties of terrigenous rocks and their lithology. I. A. Kontukhov Vest. Mosk. un. Ser. 4 Geol. 16 no 3 57-70 My-Je '61.

PETROPAVLOVSK—THEATER
Donets, Z. I. [Fiftieth anniversary of the North Kazakhstan Provincial Theater] Severo-Kazakhstanskomu oblastnomu teatru dramy 50 let. Petropavlovsk, 1959. 161 p.

PETROVSKIY (IVANOVO PROVINCE)—DISTILLING INDUSTRIES—BY-PRODUCTS
Economic effectiveness of the utilization of industrial wastes. A. G. Kasatkin. Spirt. prom. 27 no. 4:26-27 '61.

PETROVSKOYE DISTRICT—AGRICULTURAL ADMINISTRATION
A violation of party democracy. I. Zubenko. Part. zhizn' no. 14:54-56 Jl '61.

PEZMOG—ORPHANS AND ORPHANAGES
Our home. L. Godin, K. L'vov. Nar. obr. no. 6:85-86 Je '61.

PHAGOCYTOSIS
Change in the phagocytic reaction in passive antidiphtherial immunity under experimental conditions. A. T. Starodubova. Zhur. mikrobiol. epid. i immun. 32 no 4 33 Ap '61.

Phagocytic activity in relation to diphtheria bacteria in children with positive and negative Schick reaction [with summary in English]. L. V. Vorob'ev. Zhur mikrobiol. epid. i immun. 31 no. 3:93-96 Mr '60.

Phagocytic activity of leukocytes and absorptive capacity of the reticuloedothelial system after the denervation of the carotid sinuses [with summary in English]. V. S Zudin Zhur. mikrobiol. epid. i immun. 31 no. 11;89-93 N '60.

Phagocytic activity of leukocytes during the [illegible] carcinogenesis under the influence of [illegible] 9, 10-dimethyl-1, 2-benzanthracene in white [illegible] Kogan, Sh I Mardakhaishvili Arkh pat [illegible] 13-49 '61

Phagocytic index as an indicator of the features [illegible] reaction of sensitized dogs to hypothermia [with summary in English] I V Ozmidova Zhur mikrobiol epid i immun 32 no 1,99-101 Ja '61

Stimulation of the macrophage system by bacterial [illegible] saccharides. A. I. Braude, G. E. Vinokurov [illegible] SSSR 136 no. 5;1195-1197 Je '61

PHARMACEUTICAL RESEARCH
Conference on research coordination for 1961 [illegible] Vanina. Med. prom. 15 no. 5 62-63 My '61

PHARMACOLOGICAL SOCIETIES
(see also subdivision under Leningrad, Moscow)
Organization of the All-Union Pharmacological [illegible] Farm. i toks. 24 no. 2.247-251 Mr Ap '61.

PHARMACOLOGY—CONGRESSES
First Hungarian Conference on Drug and Therapy Research N. A. Kryshova. Zhur. nevr. i psikh. im. [illegible] 309-310 '61.

PHARMACOLOGY—LABORATORY MANUALS
Belova, A. V., and others. [Manual on the practical studies of forensic chemistry for pharmaceutical correspondence students of institutions of higher learning] Rukovodstvo k prakticheskim zaniatiiam po sudebnoi khimii; dlia studentov-zaochnikov farmatsevticheskikh vuzov. Pod obshchei red. M. D. Shvalkovoi [illegible] I-i Mosk med. in-t im. I. M. Sechenova, 1961. [illegible] [MIC'ROFILM]

PHARMACOPOEIAS
Russia (1923- U. S. S. R.) Ministerstvo zdravookhraneniia. [State pharmacopoeia of the Union of Soviet Socialist Republics] Gosudarstvennaia farmakopeia Soiuza Sovetskikh Sotsialisticheskikh Respublik. Izd. 9. Moskva, Gos. izd-vo med. lit-ry Meditsina, 1961. 910 p.

PHARMACY
(see also subdivision under Cherkassy Province; Donets Basin; Ukraine)
Some improper medicinal mixtures and their correction. M. I. Pechenyi. Farmatsev. zhur. [illegible] 43-47 '61.

PHARMACY—STUDY AND TEACHING
(see also subdivision under Ukraine, Zaporozh'ye)
Connection of the higher school with production. [illegible] Pivnenko and others. Farmatsev. zhur. [illegible] '61.

Improving the skill of analytical chemists [illegible] renko, TS. I. Shakh, F. IU. Kahan. Farmatsev. [illegible] 16 no. 3·78-80 '61

PHARYNX—CANCER
Problems in the modern diagnosis of malignant [illegible] of the pharynx as one of the conditions of successful treatment. N. A. Karpov. Zhur. ush., nos., i gorl. bol. 21 no. 2:82-85 Mr-Ap '61.

X-ray treatment of malignant tumors of the upper and middle sections of the pharynx [with summary in English]. N. V. Moskovskaia. Zhur. ush., nos. i gorl. bol. 21 no. 3,33-38 My-Je '61.

PHARYNX—DISEASES
Condition of the lymphoid ring of the pharynx in [illegible] in the preparoxysmal and acute periods of the [illegible] fever. V. D. Gotskaia. Zdravookhranenie 2 no [illegible] Jl-Ag '59.

PHARYNX—INNERVATION
Sources of innervation of the pharynx [with summary in English] I. F Konkin. Arkh. anat. gist i embr 15 no. 2;69-75 F '60.

PHARYNX—TUMORS
Hemangiomas of the pharynx. K. P. Dolgopa. Zh. ush. nos. i gorl. bol. 20 no. 5;69-70 S-O '60.

PHASE RULE AND EQUILIBRIUM
Alisova, S. P., and others. [Phase diagrams of metallic systems published in 1955] Diagrammy sostoianiia metallicheskikh sistem, opublikovannye v 1955 g. Pod red. N. V. Ageeva. Moskva, No. 1. 1959. 134 p.

Brittleness of titanium-chromium alloys in the [illegible] transformation. R. P. Shchegoleva, I. S Goldgaba N. A. Ruch'eva. Metalloved. i term obr. met [illegible] 30 Jl '61.

Causes of concentration heterogeneity of solid [illegible] K. K. Kasymbekova, A. A. Presnitakov. Metalloved. i term. obr. met. no. 7:20-22 Jl '61

Certain problems in the theory of the heat resistance of cast iron. F. N. Tavadze. Lit. proizv. no. 8.31-34 Ag '61.

Compression from all sides and the phase hardening of residual austenite. P. M. IUshkevich. Metalloved. i term. obr. met. no. 7:11-14 Jl '61.

PHASE RULE AND EQUILIBRIUM (Continued)
Diagrams of the kinetics of isothermal transformations of austenite in cemented and noncemented steels. Metalloved. i term. obr. met. no. 3:31 Mr '61.
Equilibrium and propagation of cracks in an anisotropic medium. G. I. Barenblatt, G. P. Cherepanov. Prikl. mat. i mekh. 25 no. 1:46-55 Ja-F '61.
Isotopic iron exchange in a two-phase system solid metal - liquid slag. Khan' Chi-tien [Han Ch'ih-yung], V. A. Grigorian, A. A. Zhukhovitskii. Izv. vys. ucheb. zav., chern. met. 4 no. 5 5-16 '61.
New structural component in Fe-C-Si alloys, IA. N. Malinochka, N. G. Osadn, G. Z. Koval'chuk. Metalloved. i term. obr. met. no. 7:15-20 Jl '61.
Redistribution of carbon during intermediate transformations of austenite. R. I. Entin, L. I. Kogan. Metalloved. i term. obr. met. no. 7:7-11 Jl '61.
Reproducibility and accuracy of present numerical values for the entropy and enthalpy of condensed phases at standard temperatures. A. A. Skliankin, P. G. Strelkov. PMTF no. 2:100-111 Jl-Ag '60.
Speed of sound along the "vapor--liquid" phase equilibrium curve. Speed of sound propagation in saturated vapors of carbon dioxide. I. I. Novikov, IU. S. Trelin. PMTF no. 2:112-115 Jl-Ag '60.
Transformations during heating. N. N. Lipchin. Metalloved. i term. obr. met. no. 6:41-48 Je '61.
Transformations of residual austenite in steels undergoing cementation. S. N. Krasotskaia. Metalloved. i term. obr. met. no. 3:42-46 Mr '61.

PHENANTHRENE
Cycloalkylation of aromatic compounds. Part 17: Cyclohexylation of phenanthrene and anthracene. N. G. Sidorova, F. M. Snidova. Zhur. ob. khim. 31 no. 6: 2014-2017 Je '61.

PHENANTHRENETHIONE
Synthesis of 2-ethylene ketal of anti-trans-Δ 10-dodecahydrophenanthrene-2, 6, 8-trione. K. K. Pivnitskii, I. V. Torgov. Izv. AN SSSR. Otd. khim. nauk no. 6:1080-1087 Je '61.

PHENATINE
Use of phenatine in treating hypertension. Z. N. Popova. Vrach. delo no. 4:138-139 Ap '61.

PHENOL
Effect of dinitrophenol on temperature dependence of the action potential in the giant axon of earthworms [with summary in English]. V. F. Antonov. Biofizika 6 no. 3 317-321 '61.

PHENOL CONDENSATION PRODUCTS
Effect of the compounding formula of the resorcinol-formaldehyde resin used in compositions for cord impregnation and the conditions of its condensation on the adhesive strength of rubber-cord systems. R. V. Uzina and others. Kauch. i rez. 20 no. 7, 24-28 Jl '61.

PHENOLOGY—STUDY AND TEACHING see subdivision under Moscow Province

PHENOLS
Determination of diazophenols by reduction with divalent vanadium salts. A. A. Nemodiuk, V. F. Oreshko. Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no. 2, 316-319 '60.
Photometric study of the reaction of titanium (IV) with phenols in acetic acid. S. IA. Shnaiderman. Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no. 2:258-264 '60.
Protection of equipment from corrosion in the production of phenol by benzene sulfonation. L. I. Gerchanovskii. Khim. prom. no. 8:429-431 Je '61.
Role of phenolic compounds in the resistance of cabbage to Botrytis cinerea. B. A. Rubin, T. M. Ivanova, M. A. Davydova. Biokhim. pl. i ovoshch. no. 6:77-95 '61.
Synthesis of a detergent from polyglycolic ether of tert-octylphenol. V. I. Isaguliants, E. L. Gel'zina, Mael-zhir. prom. 27 no. 6:25-27 Je '61.

PHENOTHIAZINE
Comparative evaluation of the activity of neuroplegic substances of the phenothiazine series under experimental conditions [with summary in English]. B. I. Liubimov. Farm. i toks. 24 no. 2:136-140 Mr-Ap '61.
Sedative and antiemetic effect of a new neuroplegic substance ethaperazine [with summary in English]. Che Si-pin [Ch'ê Hsi-p'ing]. Farm. i toks. 24 no. 2: 140-145 Mr-Ap '61.

PHENYL PHOSPHATES
Paranitrophenylphosphate as a substrate for the determination of microbial phosphatase [with summary in English]. A. O. Avakian. Zhur. mikrobiol. epid. i immun. 31 no. 11:70-74 N '60.

PHEOPHYTIN
Stable products of pheophytin photoreduction. M. S. Ashkinazi, I. A. Dolidze, V. E. Karpitskaia. Biofizika 6 no. 3:291-299 '61.

PHILIPPINES—HISTORY
Guber, A. A. [Philippine Republic of 1898 and American imperialism] Filippinskaia respublika 1898 goda i amerikanskii imperializm. Izd. 2, ispr. i dop. Moskva, Izd-vo vostochnoi lit-ry, 1961. 382 p.

PHILOSOPHY
The role of tradition in the history of philosophy [with summary in English, p. 185]. I. S. Narskii. Vop. filos. 15 no. 6:54-63 '61.

PHILOSOPHY—BIBLIOGRAPHY see Bibliography—Philosophy

PHILOSOPHY—CONGRESSES
Eighth session of the Pakistan Philosophical Congress. V. S. Semenov. Vest. AN SSSR 31 no. 5 96-97 My '61.

PHILOSOPHY—RESEARCH
Coordinating research in philosophy. A. P. Primal'ovskii. Vest. AN SSSR 31 no. 6:101-102 Je '61.

PHILOSOPHY—STUDY AND TEACHING
The Central Bureau of Philosophical (Methodological) Study Groups of the Academy of Sciences of the U. S. S. R. I. N. Vop. filos. 15 no. 6:152-153 '61.
Some methodological problems in the work of philosophical study groups in the schools of party education. I. S. Borisova. Vop. filos. 15 no. 6:136-138 '61.

PHILOSOPHY, AMERICAN
Some problems relating to the development of American imperialist ideology [with summary in English, p. 217]. A. M. Deborin. Vop. fist. no. 6:25-36 Je '61.

PHILOSOPHY, BULGARIAN—PERIODICALS
"Filosofska misŭl," a Bulgarian periodical. R. V. Vop. filos. 15 no. 6:177-179 '61.

PHILOSOPHY, CHINESE
Ideas of natural philosophy in Old Chinese literature [with summary in English, p. 185]. N. T. Fedorenko. Vop. filos. 15 no. 6:64-76 '61.

PHILOSOPHY, ENGLISH
Critical evaluation of F. H. Bradley's philosophy [with summary in English]. M. A. Kissel'. Vest. LGU 16 no. 11 73-84 '61.

PHILOSOPHY, GERMAN—PERIODICALS
"Deutsche Zeitschrift fuer Philosophie," a German periodical. W. Maltusch. Vop. filos. 15 no. 6:179-180 '61.

PHILOSOPHY, ORIENTAL
Discussing G. F. Aleksandrov's book on the sociological theories of the Ancient East. K. D. Sov. gos. i pravo 31 no. 7 126-128 Jl '61.

PHLOGOPITE see subdivision under Slyudyanka region, Irkutsk Province

PHONORECORD COLLECTING
Kuzin, A. A. [Motion-picture, photographic, and sound-recording archives; a textbook] Kino-foto-fonoarkhivy, uchebnoe posobie. Pod red. K. G. Mitiaeva. Moskva, Mosk. gos. istoriko-arkhiv. in-t, 1960. 263 p.

PHOSPHAGENS
Guanidine phosphates (phosphagens). D. L. Ferdman. Ukr. biokhim. zhur. 33 no. 3:436-458 '61.

PHOSPHATASE
Enzymatic activity of the venom of some snakes [with summary in English]. I. I. Nikol'skaia. Biokhimiia 26 no. 3 530-534 My-Je '61.
Paranitrophenylphosphate as a substrate for the determination of microbial phosphatase [with summary in English]. A. O. Avakian. Zhur. mikrobiol. epid. i immun. 31 no. 11:70-74 N '60.
Phosphatase activity of certain bacterial species [with summary in English]. V. S. Mitina. Zhur. mikrobiol. epid. i immun. 31 no. 11:105-108 N '60.

PHOSPHATES
Active white filler from superphosphate production wastes. M. G. Gabrielova, V. F. Levin. Khim. prom. no. 6:433 Je '61.
Anticholinesterase activity and toxicity of the sulfoxide and sulfone of M-74 [with summary in English]. IU. S. Kagan, Z. V. Ivanova. Farm. i toks. 24 no. 2:220-223.
Effect of various phosphate fertilizers on flax yields and economic evaluation of their effectiveness [with summary in English]. K. S. Listvin. Trudy VNIIL no. 6 121-127 '60.
Extending the life of pipelines in superphosphate production. A. N. Mashin. Khim. prom. no. 6:433 Je '61.
Hydrothermal treatment of phosphates in a cyclone furnace. S. I. Vol'fkovich and others. Khim. prom. no. 6: 394-399 Je '61.
Using defluorinated phosphates as feed supplement and fertilizer [with summaries in English, German and French]. Vest. sel'khoz nauki 6 no. 6:55-58 Ja '61.

PHOSPHATES—TOXICOLOGY
Combined use of cholinolytics in phosphacol intoxication in mice [with summary in English]. IU. I. Lisunkin. Farm. i toks. 24 no. 2:175-180 Mr-Ap '61.

PHOSPHINE OXIDE
Radiation polymerization of tertiary monovinylphosphine oxides [with summary in English]. B. L. TSetlin and others. Vysokom. soed. 3 no. 7:1117-1118 Jl '61.

PHOSPHINIC ACID
Carbochain polymers and copolymers. Part 31: Polymerization and copolimerization of vinylphosphinyl chloride [with summary in English]. E. F. Rodionova, G. S. Kolesnikov. Vysokom. soed. 3 no. 3:459-463 Mr '61.
Condensation reaction of methylphosphinic acid with α,ω-diethoxy-dimethylsiloxanes. K. A. Andrianov, T. V. Vasil'eva, L. M. Khananashvili. Izv. AN SSSR, Otd. khim. nauk no. 6:1030-1035 Je '61.
Synthesis of phosphinic acid esters containing heterocyclic radicals. Report 7. Phosphinic acid esters with mono and di-oxidoquinoxaline radicals. B. A. Arbuzov, V. M. Zoroastrova, L. A. Antokhina. Izv. AN SSSR, Otd. khim. nauk no. 6:1016-1022 Je '61.

PHOSPHOLIPIDS
Effect of lipoprotein deficient diets on phospholipid and enzyme secretion by intestinal glands in dogs [with summary in English]. U. Z. Kadyrov. Vop. pit. 20 no. 2:16-22 Mr-Ap '61.
Effect of vitamin B_{12} and choline on the phospholipid level of the blood of patients with liver cirrhosis [with summary in English]. Z. F. Denisenko. Vop. pit. 20 no. 3 23-25 My-Je '61.

PHOSPHOMOLYBDATES
Solubility of some poorly soluble alkali salts of heteropolyacids. V. I. Spitsyn, N. B. Babaev. Zhur. neorg. khim. 5 no. 3 580-585 Mr '60.

PHOSPHOMOLYBDIC ACID
Viscosimetric study of the system heteophosphomolybdic acid - water. E. A. Nikitina, O. N. Sokolova. Zhur. neorg. khim. 5 no. 3 722-725 Mr '60.

PHOSPHONIC ACID
Esters of phosphorus acids with different kinds of radicals. Part 3: Synthesis of alkyl phosphonates with different kinds of radicals. F. I. Makiiaev, M. I. Druzin, I. V. Palagina. Zhur. ob. khim. 31 no. 6:2012-2013 Je '61.

PHOSPHONITRILE CHLORIDE
Phosphonitrile chloride rubber [with summary in English]. S. M. Zhivukhin, V. B. Tolstoguzov, IU. V. Meitin. Vysokom. soed. 3 no. 3:414-419 Mr '61.

PHOSPHOPROTEINS
The free energy of phosphoserine hydrolysis [with summary in English]. G. E. Vladimirova, A. I. Komkova, N. A. Fedorova. Biokhimiia 26 no. 3 426-430 My-Je '61.

PHOSPHORIC ACID
Investigating the interaction between aqueous solutions of phosphoric acid and glycerol by methods of physicochemical analysis. D. P. Belotskii. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 1:158-160 '61.
Physicochemical analysis of aqueous solutions of the system phosphoric acid - sulfuric acid. D. P. Belotskii, M. F. Khokhol. Zhur. neorg. khim. 5 no. 3:708-712 Mr '60.
Production of phosphoric acid from Karo-Tau flotation concentrate by sulfuric acid decomposition. S. K. Milovanova, R. M. Serebrianaia, E. A. Bogdanov. Khim. prom. no. 5:307-308 My '61.
Separation of indium and tin by extraction with alkylphosphoric acids. I. S. Levin, V. A. Mikhailov. Dokl. AN SSSR 138 no. 6:1302-1304 Je '61.

PHOSPHORITES see subdivision under Siberia, Ural Mountains

PHOSPHOROUS ACID
Interaction of a triphenyl phosphite-bromine complex with ethylene glycol and its derivatives. N. K. Kochetkov, L. I. Kudriashov, T. M. Senchenkova. Zhur. ob. khim. 31 no. 6:1830-1832 Je '61.
Interesterification of trialkyl phosphites with aliphatic alcohols. M. G. Imaev. Zhur. ob. khim. 31 no. 5:1770-1773 Je '61.
Saponification of complete esters of phosphorous acid with pure water. M. G. Imaev. Zhur. ob. khim. 31 no. 6:1762-1766 Je '61.
Saponification of trialkyl phosphites in the presence of inorganic and organic bases. M. G. Imaev. Zhur. ob. khim. 31 no. 6:1767-1770 Je '61.

PHOSPHORS
Application of $CaSO_4$ (Sm)phosphor in dosimetry. A. R. Krasnaia and others. Atom. energ. 10 no. 6:630-631 Je '61.
Organic luminophors. V. K. Matveev. Priroda 50 no. 7: 13-18 Jl '61.

PHOSPHORUS
Diffusion and electrolytic migration of P^{32} in KCl crystals irradiated with 660 Mev. protons. A. N. Murin and others. Fiz. tver. tela 3 no. 2:398-407 F '61.
How local application of various phosphate fertilizers affects the assimilation of phosphorus by plants. K. V. Kalinin, B. Debretseni. Dokl. TSKhA no. 64:25-30 '61.

PHOSPHORUS—ANALYSIS

Determination of silicon and phosphorus in reagents without the use of organic solvents. E. A. Nikitina, M. Z. Partashnikova. Trudy IREA no 22 119-123 '58.

PHOSPHORUS—ISOTOPES

Effect of endogenous hyperthermia on the permeability of biological barriers to S35 penicillin, S35 streptocid albumin, and radiophosphorus [with summary in English]. I. P. Popov. Antibiotiki 5 no. 3 51-55 My-Je '60.

Effect of radioactive phosphorus on phosphorus metabolism in plants. T. P. Evdokimova. Doklady TSKhA no 57 27-32 '60

Influence of radioactive chrome phosphate on a transplanted Brown-Pearce tumor. K. A. Gudim-Levkovich. Vrach. delo no. 4 66-70 Ap '61.

Use of tagged atoms in studying the root nutrition of plants [with summary in English]. O. O. Lolin, G. R. Rik. Biofizika 6 no. 3 357-362 '61.

PHOSPHORUS ACID

Esters of ethyleneglycoldiphosphorus acid. A. N. Pudovik, I. M. Aladzheva. Zhur. ob. khim. 31 no. 6:2052-2057 Je '61.

Imides of phosphorus acid. Report 7: Amideimidolic tautomerism of amides of pentavalent phosphorus acids. M. I. Kabachnik, V. A. Gilarov, E. M. Popov. Izv. AN SSSR. Otd. khim. nauk no. 6.1022-1030 Je '61.

PHOSPHORUS CHLORIDE

Phosphorylated chlorovinyl ketones. Part 3: Reaction of phosphorus pentachloride with enol esters. I. F. Lutsenko, M. Kirilov, G. A. Ovchinnikova. Zhur. ob. khim. 31 no. 6:2028-2033 Je '61.

PHOSPHORUS METABOLISM

Disturbances of phosphorus metabolism in patients with funicular myelosis. Iu. G. Ruzinova, I. N. Tauber. Vrach. delo no. 4:90-93 Ap '61.

Effect of certain biologically active substances on respiration and the restoration of phosphorus compounds in brain sections [with summary in English]. Chzhan' Tszin' [Chan Chin]. Vop. med. khim. 7 no. 2:154-158 Mr-Ap '61.

Effect of radioactive phosphorus on phosphorus metabolism in plants. T. P. Evdokimova. Doklady TSKhA no. 57.27-32 '60.

Effect of roentgen rays on phosphorus and nitrogen metabolism in Azotobacter agile 22-D [with summary in English] G. N. Zaitseva, Li TSiun'-in [Li Chun-ying] Mikrobiologiia 30 no 2 197-202 Mr-Ap '61

Effect of the plague microbe toxin on phosphorus metabolism in the liver [with summary in English]. I. V. Domaradskii, I. M. Klimova, L. G. Perevalova. Vop. med. khim. 7 no. 2:145-149 Mr-Ap '61.

Effect of X rays on the placental barrier during different stages of pregnancy [with summary in English] L. D. Luk'ianova. Biofizika 4 no. 5:574-581 '59.

PHOSPHORUS ORGANIC COMPOUNDS

Kinetics of interaction of a true cholinesterase of erythrocytes with organophosphorus inhibitors S. M. Markov, N. A. Loshadkin, A. V. Ramzhaev. Zhur. VKHO 6 no. 3 357-358 '61.

PHOSPHORUS PENTACHLORIDE

Phosphorylated chlorovinyl ketones. Part 4: Primary products of the reaction between phosphorus pentachloride and enol esters. I. F. Lutsenko, M. Kirilov, G. B. Postnikova. Zhur. ob. khim. 31 no. 6:2034-2036 Je '61.

PHOSPHORUS SULFIDE

Electron diffraction study of the structure of the P_4S_3 molecule. P. A. Akishin, N. G. Rambidi, Iu. S. Ezhov. Zhur. neorg. khim. 5 no. 3:747-749 Mr '60.

Structure of phosphorus sesquisulfide. E. I. Krylov. Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no. 2:223-225 '60.

PHOSPHOTUNGSTATES

Solubility of some poorly soluble alkali salts of heteropolyacids. V. I. Spitsyn, N. B. Babaev. Zhur. neorg. khim. 5 no. 3.560-565 Mr '60.

PHOTOCHEMISTRY

Light aging of polymethyl methacrylate. Part 2: Study of photodegradation process with the aid of radioactive C^{14} [with summary in English]. M. I. Frolov, L. V. Nevskii, A. V. Rishov. Vysokom. soed. 3 no. 6:877-881 Je '61.

Photochemical degradation of cellulose in air [with summary in English]. O. P. Zapol'skii. Vysokom. soed. 3 no. 3.376-381 Mr '61

Primary photochemical and photophysical processes in photosynthesis. E. Rabinovich. Usp. fiz. nauk 74 no. 2: 289-302 Je '61.

Stable products of pheophytin photoreduction. M. S. Ashkinazi, I. A. Dolidze, V. E. Karpitskaia. Biofizika 6 no. 3:294-299 '61.

PHOTOCOLORIMETERS see Colorimeters

PHOTOCONDUCTIVITY

Eliminating the effect of nonphotoconducting layers in studying the photoconductivity of layers of amorphous selenium with mercury admixture. M. I. Korsunskii, N. S. Pastushuk, G. D. Mokhov. Fiz. tver. tela 3 no. 5: 1368-1370 My '61.

Investigating the decay time of a photocurrent in CdS single crystals at various temperatures, and lighting conditions [with summary in English]. A. P. Trofimenko, H. A. Fedorus. Ukr. fiz. zhur 5 no 1 12-26 Ja-F '60

Investigating the stationary photoconductivity and surface recombination rate of silicon. Iu. A. Kontsevoi, M. I. Iglitsyn. Fiz. tver. tela 3 no. 5:1465-1474 My '61.

Photoconductivity kinetics of chlorophyll and green leaf pigments E. K. Putseiko. Dokl AN SSSR 138 no 6: 1381-1384 Je '61

Role of spatial redistribution of charges in the kinetics of the internal photoelectric effect in high-resistance photoconductors. A. E. Gershberg. Fiz. tver. tela 3 no. 5.1384-1392 My '61.

Surface levels on germanium according to data on photoconductivity in the infrared spectral region. A. V. Rzhanov. A. F. Plotnikov. Fiz. tver tela 3 no 5·1557-1560 My '61.

PHOTOELECTRIC CELLS

Kinetics of phototubes with "extrinsic" photoeffect from a metal into a semiconductor. L. G. Paritskii, A. A. Rogachev, S. M. Ryvkin. Fiz. tver. tela 3 no. 5 1613-1616 My '61.

Recording of X radiation by means of CdS photovaristors O. Z. Zhmudskyi, I. IA. Kucherov, V. I. Shyianovskyi. Ukr fiz zhur 6 no. 2 279-281 Mr-Ap '61

Sorting of fish based on the shadow area and the use of photocells. S. N. Mizikin. Trudy VNIRO 39:160-165 '59.

PHOTOELECTRIC MEASUREMENTS

Copying gas-cutting machine "Odessa" with photoelectric control. V. V. Drogal' and others. Biul. tekh.-ekon. inform. no. 5:25-26 '61.

Photoelectric piece counters. V. I. Litvak. Mekh. i avtom. proizv 15 no 6:42-44 Je '61.

Role of spatial redistribution of charges in the kinetics of the internal photoelectric effect in high-resistance photoconductors. A. E. Gershberg. Fiz. tver. tela 3 no. 5·1384-1392 My '61.

Transistor photorelay. M. P. Zhokh. Priborostroenie no. 6·29-30 Je '61

PHOTOELECTRIC MULTIPLIERS

Amplification of photomultipliers. A. N. Pisarevskii, E. D. Teteri. Trudy Radiev. inst. AN SSSR 9·152-154 '59.

One possibility of increasing the resolving power of fast coincidence circuits. V. O. Viazemskii, A. N. Pisarevskii, E. D. Teterin. Trudy Radiev. inst. AN SSSR 9.150-151 '59.

Photomultipliers designed for scintillation spectroscopy. I. I. Lomonosov and others. Trudy Radiev. inst. AN SSSR 9:164-180 '59.

Photomultipliers for time measurements. A. P. Zharkov. Trudy Radiev. inst. AN SSSR 9.281-285 '59.

PHOTOELECTRICITY

Photoeffect in the region of soft X rays. N. G. Nakhodkin, P. V. Mel'nik. Radiotekh. i elektron. 6 no. 7: 1209-1210 Jl '61.

Photoelectronic emission from the intermetallic compounds Mg_2Sn and InAs [with summary in English] P. G. Borziak, P. M. Marchuk, H. F. Mitiana'kyi. Ukr. fiz. zhur. 5 no 1 65-74 Ja-F '60

Problem concerning the effect of the polarization of light on the photoeffect of complex cathods. N. S. Khlebnikov, A. E. Melamid. Radiotekh. i elektron. 6 no. 7: 1215-1216 Jl '61.

Some features of photoemission from indium arsenide. A. N. Arsen'eva-Geil', Van Bao-kun' [Wang Pao-k'un]. Fiz. tver. tela 3 no. 5·1622-1623 My '61.

Structure and electromotive force of photovoltaic layers of lead sulfide produced by sublimation under vacuum. R. IA. Berlaga, M. I. Rudenok. Izv. AN SSSR. Ser. fiz. 25 no. 6:739-741 Je '61.

PHOTOGRAPH COLLECTIONS

Kuzin, A. A. [Motion-picture, photographic, and sound-recording archives; a textbook] Kino-foto-fonoarkhivy; uchebnoe posobie. Pod red. K. G. Mitiaeva. Moskva, Mosk. gos. istoriko-arkhiv. in-t, 1960. 263 p.

PHOTOGRAPHIC EMULSIONS

Automatic coating with a light-sensitive emulsion. E. M. Gil'dinson. Priborostroenie no 6:16 Je 61

Effect of iodide on the properties of an extra-fine-grained nuclear emulsion. N. R. Novikova. Trudy Radiev. inst. AN SSSR 9·271-278 '59.

Increasing the sensitivity of an extra-fine-grained emulsion by the use of the double sensitization method. N. A. Perfilov, E. I. Prokof'eva, N. R. Novikova. Trudy Radiev. inst. AN SSSR 9·268-270 '59.

Photographic action of slow ions. G. R. Rik, A. I. Rusanov, S. I. Stepanov. Trudy Radiev. inst. AN SSSR 9:238-249 '59.

Preparation of a solution containing bismuth for filling nuclear photoemulsions. V. P. Shamov. Trudy Radiev. inst. AN SSSR 9:279-280 '59.

PHOTOGRAPHIC INTERPRETATION

Akademiia nauk SSSR. Laboratoriia aerometodov. [Use of aerial methods in the investigation of natural resources] Ispol'zovanie aerometodov pri issledovanii prirodnykh resursov. Moskva, 1961, 278 p.

PHOTOGRAPHIC SHUTTERS see Shutters, Photographic

PHOTOGRAPHY

(see also subdivision under Germany, East)

From the editor's mail. M. Revkovskii, M. Musaev. Sov. foto 21 no. 6·35 Je '61.

News from everywhere. Sov. foto 21 no. 6:44-45 Je '61.

PHOTOGRAPHY—COMPETITIONS

Our contest. L. Dyko. Sov. foto 21 no. 6:20-24 Je '61.

Participate in the contest "For the Socialist Photography." Sov. foto 21 no. 6·46 Je '61.

PHOTOGRAPHY—EXHIBITIONS

(see also subdivision under Berlin)

At the stands of the exhibition. N. Apatov, V. Ogurenkov, L. Damba. Sov. foto 21 no. 6:9, 10, 17 Je '61.

Great creative progress. V. Shaiovskii. Sov. foto 21 no. 6:7 Je '61.

1961 International exhibition of art photography in Moscow. V zashch. mira no. 12:70-71 D '60.

Photographic annals of our days. V. Mikosha. Sov. foto 21 no. 6·8-17 Je '61.

PHOTOGRAPHY—FILMS

Testing the flattening of the aerial film by the use of its reflecting properties E. P. Arzhanov. Izv. vys. ucheb. zav., geod. i aerof no. 2:111-117 '61

PHOTOGRAPHY—LIGHTING

Il'in, R. N. [Photography with natural light] Fotografirovanie pri estestvennom osveshchenii. Pod red. E. A. Iofisa. Moskva, Gos. izd-vo "Iskusstvo," 1960. 71 p. illus. (Biblioteka fotolubitelia, no. 19)

PHOTOGRAPHY—PRINTING PAPERS

Soviet printing papers. Sov. foto 21 no. 6:34 Je '61.

PHOTOGRAPHY—SCIENTIFIC APPLICATIONS

Mystery of the luminescent hieroglyphs. I. Belov. IUn. tekh. 5 no. 3:15-18 Mr '61.

PHOTOGRAPHY—STUDY AND TEACHING

Training of technical photographers V. A. Ivanov Geod. i kart. no. 6 66-67 Je '61.

PHOTOGRAPHY, AERIAL

Nakariakov, V. N. [The airplane is revealing the earth's secrets] Samolot otkryvaet tainy Zemli. Moskva, Izd-vo "Znanie," 1960. 60 p. (Prochti tovarishchi) [MICROFILM]

Using aerial photography in soil investigations. I. I. Plitsnain Dokl TSKhA no 63·169-179 '61.

PHOTOGRAPHY, FLASHLIGHT—EQUIPMENT AND SUPPLIES

Flash synchronizer operating on the miniature MTKh-90 thyratron. A. Erkin. Sov. foto 21 no. 6:39 Je '61.

PHOTOGRAPHY, INFRARED

Levitin, I. B. [Infrared photography] Fotografiia v infrakrasnykh luchakh. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 191 p.

PHOTOGRAPHY, PARTICLE TRACK

Photographic action of slow ions. G. R. Rik, A. I. Rusanov, S. I. Stepanov. Trudy Radiev. inst. AN SSSR 9:238-249 '59.

Physical measurements on photographs of particle tracks in bubble chambers. I. I. Pershin. Usp. fiz. nauk 73 no. 3.559-581 Mr '61.

PHOTOGRAPHY OF CHILDHOOD

Happy days of childhood. E. Mikulina. Sov. foto 21 no. 6:25-26 Je '61.

Let's talk about your snapshots. Sov. foto 21 no. 6:39-41 Je '61.

PHOTOMETRY

Determination of the amount of potassium and sodium by flame photometry. V. N. Brikker. Lab. delo 7 no. 3-6 Jl '61.

Determination of the amount of potassium and sodium in blood serum by flame photometry. Iu. E. Vel'tishchev, N. M. Zinkovskaia, M. G. Fel'dman. Lab. delo 7 no. 6-9 Jl '61.

PHOTOMICROGRAPHY

Investigation of certain types of photographic plates suitable for taking pictures with an electron microscope. I. S. Ronekii, P. A. Stoianov. Izv. AN SSSR, Ser. fiz. 25 no. 6:757-759 Je '61.

Some properties of carbon and quartz replicas from polished surfaces. L. V. Lazareva, T. F. Filippova. Izv. AN SSSR. Ser. fiz. 25 no. 6:760-763 Je '61.

PHOTOPERIODISM

Effect of photoperiodic conditions on swine [with summary in English]. A. IA. Klochkova, A. M. Emme. Biul. MOIP. Otd. biol. 66 no. 3:134-143 My-Je '61.

PHOTOSYNTHESIS

(see also subdivision under Kuybyshev Reservoir region)

Effect of temperature on photosynthesis in some desert plants. S. F. Fazylova. Uzb. biol. zhur. no. 3:22-29 '61.

PHOTOSYNTHESIS (Continued)

Environmental conditions and the assimilation of radiant energy by plants [with summaries in English, German, and French] V P Dadykin, V P Bedenko. Vest. sel'khoz. nauki 6 no 6:13-19 Je '61.

Primary photochemical and photophysical processes in photosynthesis. E. Rabinovich Usp. fiz. nauk 74 no. 2: 289-302 Je '61.

Regulation of the duration of photosynthesis by plants. P. S Belikov Doklady TSKhA no 57 5-26 '60

Significance of the photosynthesis of temporarily flooded plants of common haircap moss and sphagnum in forests and clearings. A. V. Veretennikov. Dokl. AN SSSR 138 no. 6:1467-1469 Je '61

PHOTOSYNTHESIS—BIBLIOGRAPHY see Bibliography—Photosynthesis

PHOTOTELEGRAPHY

Determination of the uneven yield of a ferromagnetic carrier for the transduction of phototelegrams. V. A. Vatsenko, M. V. Gitlits. Elektrosviaz' 15 no. 5:58-64 My '61.

PHTHALIC ACID

Production of phthalic acids from the mixture of xylenes. Kh. IA. Khchetian, A. F. Pavlichev, A. G. Kostiuk. Khim. prom. no. 5:327-335 My '61.

Synthesis of lead phthalate. V. G. Brudz', D. Sh. Rozina, L. T Nesterenko. Trudy IREA no. 22:130-141 '58.

PHTHALOCYANINE

Study of metal phthalocyanines in solutions. Part 3: Absorption spectra of phthalocyanines in sulfuric acid solutions. B. D. Berezin. Izv. vys. ucheb. zav. ;khim. i khim. tekh. 4 no. 1:45-52 '61.

PHTHALOYL PEROXIDE

Polymerization kinetics of styrene in the presence of phthaloyl peroxide [with summary in English]. N. S. TSvetkov. Vysokom. soed. 3 no. 3:408-413 Mr '61.

PHYLLOXERA

Quantitative changes in the protein fractions of phylloxera-infested grape roots. V. V. Zotov, T. I. Sokolovskaia. Biokhim. pl. i ovoshch. no. 6:96-99 '61.

PHYSICAL EDUCATION AND TRAINING

(see also subdivision under Azerbaijan; Estonia; Kazakhstan; United States)

According to Vladimir Il'ich Lenin's decree. I. I. Nikiforov. Teor. i prak. fiz. kul'. 23 no 12 892-896 '60.

Appraising the period of recovery after a standard load. A. A. Penknovich. Teor. i prak. fiz. kul'. 23 no. 5:357-359 '60.

Changes in the series of vital indexes of the organisms of miners under the influence of physical training and sports. IU. Kh. Khairova. Teor. i prak. fiz. kul'. 23 no. 9:682-683 '60.

Competitions of fire departments. I. Eremenko. Pozh. delo 7 no. 6:19 Je '61.

Complex method of studying the effect of various training loads on an athlete's organism. V. M. D'iachkov, V. L. Fedorov. Teor. i prak. fiz. kul'. 23 no. 10:760-762 '60.

Controlling the pre-start condition of gymnasts by warming-up exercises. S. IA. Cherepinskii. Teor. i prak. fiz. kul'. 23 no. 5:365-367 '60.

Creation of united groups for physical training is an important task of physical-culture organizations. Teor. i prak. fiz. kul'. 23 no. 5:321-324 '60.

Criterion and method for determining the effectiveness of training loads during athletic training. G. B. Chikvaidze. Teor. i prak. fiz. kul'. 24 no. 6:467-470 '61.

Effect of sequence of exercises in training on the development of the physiological factors of speed, strength, and endurance in young athletes. L. G. Leshkevich and others Teor. i prak fiz. kul' 23 no. 12 932-935 '60.

Experience in organizing collectives of physical education at places of work. K. A. TSaturova. Teor. i prak. fiz. kul'. 23 no. 9:662-666 '60.

Experience in the organization of athletic training. L. P. Matveev and others. Teor. i prak. fiz. kul'. 24 no. 6: 423-428 '61.

Gritchenko, N. V. [Guarantee of health and long life] Zalog zdorov'ia i dolgoletiia. Moskva, Izd-vo "Znanie," 1961. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 10, Molodezhnaia, no. 9)

Historical premises for the rise of physical training as a social phenomemon. IU. A. Talalaev. Teor. i prak. fiz. kul'. 23 no. 9:691-692 '60.

"History of physical education; a manual for schools of physical culture" edited by F. I. Samoukov. Reviewed by E. M. Chesnokov. Teor. i prak. fiz. kul'. 23 no. 9:699-704 '60.

Improve the quality of the physical training of students in the higher institutions of learning. I. R. Gudzenko. Teor. i prak. fiz. kul'. 24 no. 6:406-411 '61.

Improving work on physical training and sports in Pioneer units during the second year. V. G. IAkovlev. Teor. i prak. fiz. kul'. 24 no. 6:412-417 '61.

In the presidium of the Soviet of the Union of Athletic Societies and Organizations of the U. S. S. R. Teor. i prak. fiz. kul'. 23 no. 10:796-800 '60.

In the Soviet of the Union of Athletic Societies and Organizations of the U. S. S. R. Teor. i prak. fiz. kul'. 23 no. 9: 712-714 '60.

"Lenin in defense of workers' health and physical culture" by G. S. Demeter. Reviewed by F. I Samoukov. Teor. i prak fiz. kul' 24 no. 6:460-461 '61

Lessons in physical exercise for middle-aged and older persons. N V. Trofimov. Teor. i prak. fiz. kul'. 23 no. 10 746-751 '60.

Long-term planning of sports training for wrestlers. A. A. Novikov, A. N. Lenta. Teor. i prak. fiz. kul'. 23 no. 5 325-329 '60.

Methods of athletic training. D. A. Semenov. Teor. i prak. fiz. kul'. 23 no. 10 769-771 '60.

Model conditions for a school of athletics for youth. Teor i prak fiz kul' 23 no 12-954-955 '60.

More attention to the training of athletes. L M Sviridov Teor i prak. fiz. kul' 23 no 12:896-900 '60.

Moscow. TSentral'nyi nauchno-issledovatel'skii institut fizicheskoi kul'tury. [Physical training for older persons; a manual for group activities] Fizicheskaia kul'tura dlia lits starshego vozrasta; uchebnoe posobie dlia gruppovykh zaniatii. Moskva, 1961. 115 p.

New sports classification is an important stage in the life of physical-culture organizations of our country. Teor. i prak. fiz. kul'. 23 no. 9:645-648 '60.

Physical exercises as means of increasing the resistance of the organism to unfavorable external forces. N. V. Zimkin, A. V. Korobkov. Teor. i prak. fiz. kul'. 23 no. 5: 348-355 '60.

Physical training and physical development. S. V. IAnanis. Teor. i prak. fiz. kul'. 23 no. 5:373-374 '60.

Physical training as a social phenomenon. V. I. Elashvili. Teor. i prak. fiz. kul'. 23 no. 10:774-777 '60.

Physical training in "health groups." I. T. Osipov. Teor. i prak. fiz. kul'. 23 no. 5:333-336 '60.

Physical training of hikers for complicated tours. G. N. Vasil'eva. Teor. i prak. fiz. kul'. 23 no. 5:344-347 '60.

Physiological and chemical analysis of the development of the principal qualities of motor activity in youth depending upon the character of training. N. N. IAkovlev and others. Teor. i prak. fiz. kul'. 23 no. 9:667-669 '60.

Problems in athletic training. N. I. Ponomarev Teor. i prak fiz. kul' 23 no. 12:942-944 '60

Problems in methods of athletic training. V. S. Kapitonov. Teor. i prak. fiz. kul'. 23 no. 10:772-774 '60.

Problems of load dynamics in sports training. L. P. Matveev. Teor. i prak. fiz. kul'. 23 no. 9:680-690 '60.

Reserves for major sports. A. V. Mal'tsev, V. G. Ryholovlev. Teor. i prak. fiz. kul'. 23 no. 5:398-400 '60.

"Sports-and-games method of physical training" edited by Auguste Listello. Translated from the French. Reviewed by V. G. IAkovlev. Teor. i prak. fiz. kul'. 23 no. 10:780-782 '60.

Standardizing training loads in work with young athletes in sports with a cyclic structure of motor activity. V. E. Nagornyi, V. P. Filin, A. D. Soldatov. Teor. i prak. fiz. kul'. 24 no. 6:428-433 '61.

Studies in the spontaneous reduction and slackening of muscles in students specializing in various sports. IU. K. Lukashchuk. Teor. i prak. fiz. kul'. 23 no. 5: 359-361 '60.

Study plan and program for physical-culture workers according to the new single All-Union sports classification. S. L. Aksel'rod. Teor. i prak. fiz. kul'. 23 no. 10:784-785 '60.

Survey of the magazine "Theorie und Praxis der Korperkultur." L. Kaganov. Teor. i prak. fiz. kul'. 23 no. 5: 390-392 '60.

Transfer of training is one of the central problems in the theory and practice of physical education. V. M. Zatsiorskii. Teor. i prak. fiz. kul'. 23 no. 9:652-658 '60.

Work practices in the organization "Ready for Labor and the Defense of the U. S. S. R." A. A. Afanas'ev. Teor. i prak. fiz. kul'. 23 no. 5:337-339 '60.

PHYSICAL EDUCATION AND TRAINING—BIBLIOGRAPHY see Bibliography—Physical education and training

PHYSICAL EDUCATION AND TRAINING—CONGRESSES

All-Union Conference of Physical-Culture Workers in Trade Unions. E. G. Pastukhov. Teor. i prak. fiz. kul'. 24 no. 6:471-473 '61.

All-Union Congress on the Psychology of Sports. A. TS. Puni. Teor. i prak. fiz. kul'. 23 no. 9:716-718 '60.

Conference of Problems of Will Training of Athletes. V. A. Gavrilenko. Teor. i prak. fiz. kul'. 23 no. 9:714-715 '60.

PHYSICAL EDUCATION FACILITIES

Layout of a village sports area. A. Galli. Sel'. stroi. 15 no. 4:26-27 Ap '61.

PHYSICAL EDUCATION FOR CHILDREN

IAkovlev, V. G. [Grow up a sportsman!] Rasti fiskul'turnikom. Izd. 2. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 156 p.

Massage and gymnastics for infants. N. N. Arzubova. Med. sestra no. 5:6-16 My '61.

Peculiarities in the amount and distribution of attention in first grade pupils during exercises in physical education. V. A. Gavrilenko Probl. psikhol. sporta no. 1: 261-276 '60.

PHYSICAL EDUCATION FOR CHILDREN—HYGIENIC ASPECTS

Peculiarities in the medical study of children and adolescents in connection with physical training. V. O. Butovskyi. Ped. akush. i gin. 23 no 1:10-14 '61.

PHYSICAL EDUCATION FOR WOMEN

Data from the study of effectiveness and method in group activities for middle-aged and older women. M. P. Sotnikova Teor. i prak fiz kul'. 23 no 12 927-932 '60.

PHYSICAL GEOGRAPHY

(see also subdivision under Aral Sea region; Azerbaijan, Caucasus; Crimea; France, Irkutsk Province, Moscow; Moscow Province; Naryn Valley; Volga Delta)

Geomorphology as a science of practical importance N. I. Sokolov Vop geog no 52 9-11 '61

Importance of geomorphology in agriculture. D. L. Armand Vop. geog. no 52 12-27 '61.

Man improves the planet. I. Zabelin. Vokrug sveta no. 8:1-6 Je '61.

"Physical geography of the U. S. S. R." by F. N. Mil'kov, N. A. Gvozdetskii. Reviewed by N. K. Keremov. Uch. zap. AGU. Geol. -geog. ser. no. 3:91-93 '60.

Resolutions of the Conference on Quantitative Methods in Geomorphology, called by the Geomorphological Committee of the Moscow Branch of the Geographic Society of the U S S R, April 20 and 21, 1960. Vop. geog. no 52 186-187 '61.

Vlasova, T. V. [Physical geography of areas of the world; textbook for the students of pedagogical institutes] Fizicheskaia geografiia chastei sveta; posobie dlia studentov pedagogicheskikh institutov. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 586 p.

PHYSICAL LABORATORIES

X-ray diffraction analysis in the physical laboratory of the "Dneprospetsstal'" Plant. IA. I. Spektor. Zav. lab. 27 no. 6:762-763 '61.

PHYSICAL METALLURGY

Answers to readers' questions. Metalloved. i term. obr. met. no. 8:59-62 Je '61.

PHYSICAL THERAPY see subdivision under Ukraine

PHYSICIANS see subdivision under Pendzhikent

PHYSICIANS, RUSSIAN

"Exploits of Russian physicians" by G. N. Vaindrakh. Reviewed by A. D. Ostrovskii. Sov. zdrav. 19 no 3 84 '60.

Making the work of physicians in urban hospitals and polyclinics more effective. B. M. Matsko, I. B. Rostotskii. Zdrav. Ros. Feder. 5 no 6-7-12 Je '61.

Names of Russian physicians on the map of the world O A Lastkov, F. P Laskavaia Sov. zdrav. 19 no 3 87-88 '60.

"Physician without rank" by I. B. Rostotskii. Reviewed by F. F. Grigorash. Sov. zdrav. 19 no. 3:84-85 '60.

PHYSICS

Bogushevskii, S. A. [Selected works on physics] Izbrannye trudy po fizike. Pod red. i s primechaniiami V. K. Semenchenko. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 436 p. (Biblioteka russkoi nauki: Matematika, mekhanika, fizika, astronomiia)

Primary photochemical and photophysical processes in photosynthesis. E. Rabinovich. Usp. fiz. nauk 74 no. 2: 289-302 Je '61.

Sokolov, I. I. [Course in Physics] Kurs fiziki. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR. Pt. 1. [Mechanics; textbook for the 8th grade of second-

PHYSICS—STUDY AND TEACHING

Perkal'skii, B. Sh. [Conducting a course in physics with demonstrations of an electronic oscilloscope] Demonstratsii s elektronnym ostsilloskopom v kurse fiziki. Moskva, Gos. izd-vo "Vysshaia shkola," 1960. 46 p.

PHYSIOLOGICAL APPARATUS

Apparatus for the determination of blood "prothrombin time" M A Ukolova Fiziol zhur 47 no. 4 517-520 Ap '61

Device for deciphering kinograms of athletic movements A A. Stukolov. Teor. i prak fiz kul' 23 no. 12 950-953 '60.

New apparatus for graphic registration of movements in carrying out physical exercises N. R Bogush Probl psikhol sporta no. 1:277-285 '60

Universal portable apparatus for study and demonstration of the psychophysiological peculiarities of man L. I. Umanskii, B V Tarasov, A V Kovalenko. Vop. psikhol. 7 no. 3:171-176 My-Je '61.

PHYSIOLOGICAL CHEMISTRY

"Chemistry of specific immunity" by V. S. Gostev. Reviewed by M P. Zykov, B. N Kozlmin-Sokolov. Zhur. mikrobiol. epid. i immun 31 no. 11:157-159 N '60

Seventeenth Bakh lectures. Vest AN SSSR 31 no 5 130 My '61.

PHYSIOLOGICAL OXIDATION see Oxidation, Physiological

PHYSIOLOGY

Body rhythms. V. V. Efimov. Zdorov'e 7 no 7:4-6 Jl '61.

Some features of the ecological foundation of interior constitution characteristics in terrestrial vertebrates. S. S Shvarts Trudy Inst. biol. UFAN SSSR no. 14:113-177 '60.

PHYSIOLOGY—RESEARCH see subdivision under Tatar A. S. S. R.

PHYSIOLOGY, PATHOLOGICAL

For the information of pathophysiologists. Pat. fiziol., eksp. terap. 5 no. 3.99-102 My-Je '61.

PHYSIOLOGY, PATHOLOGICAL—CONGRESSES

Report on the Third All-Union Conference of Pathophysiologists. I. R. Petrov, E. V. Gubler. Pat. fiziol. i eksp. terap. 5 no. 1 83-86 Ja-F '61.

Resolution of the Third All-Union Conference of Pathophysiologists. July 9, 1960. Pat. fiziol. i eksp. terap. 5 no. 1:86-88 Ja-F '61.

PHYTOGEOGRAPHY

"Field geobotany," vol 2. Reviewed by V N. Sukachev Vest AN SSSR 31 no. 5 134-135 My '61

Zonal correlation of vegetation and its relation to phytogeographical divisions. L. V Shumilova. Izv. Tomsk. otd. VBO 4 9-26 '59.

PHYTOGEOGRAPHY—MAPS see subdivision under Azerbaijan

PHYTOPLANKTON see subdivision under Bering Sea; Pacific Ocean

PIGMENTS

Electrochemical methods for the determination of the passivation properties of pigments in lacquer-paint coatings. I. L. Rozenfel'd and others. Lakokras. mat. i ikh prim. no. 3.50-55 '61.

Grinding of zinc whites in a ball mill in a solvent medium. M. D. Bodnia and others. Lakokras. mat. i ikh prim. no. 3:62-63 '61.

PIKAS see subdivision under Amangel'dy District; Baikal Lake region; Kharaulakh Range; Leningrad region

PIKE PERCH see subdivision under Ol'shanka River

PILING (CIVIL ENGINEERING)—EQUIPMENT AND SUPPLIES

Attachment mounted on a diesel pile driver. L. N. Litvinov. Transp. stroi. 11 no. 5:50 My '61.

PILOCARPINE

Effect of emotional conditions on secretory reactions of the salivary glands to pilocarpine. B. A. Smirnov. Fiziol. zhur. 47 no. 4:475-478 Ap '61.

Experimental model of glomerulonephritis induced without the administration of external protein agents. N. N Plaintskii, V. P. Bykova, T. E. Lipko. Arkh pat 23 no. 5:27-30 '61.

PINE

Effect of the age of planting stock on the growth of pine. N. G. Krotova. Dokl. TSKhA no. 58:123-128 '60.

Improving the growth of young pine plantations on old arable land. V. V. Stopkan'. Biul. nauch.-tekh. inform. Ukr. NIILKhA no. 3/4:28-30 '57.

PINE—DISEASES AND PESTS

Chemical control of the pine-shoot moth. A. G. Treml'. Biul. nauch.-tekh. inform. Ukr. NIILKhA no. 3/4:60-61 '57.

Mechanized pesticide application to soil for the control of scarab larvae in pine plantations. V. E. Ivanitskii, A. G. Treml'. Biul. nauch.-tekh. inform. Ukr. NIILKhA no. 3/4:56-59 '57.

Primary pests of young pine trees in the Lake Baikal region A S Rozhkov Trudy Vost.-Sib fil AN SSSR no 23 3-13 '60.

PINE, FOSSIL

Structural changes in fossil pine wood. V. E. Moskaleva. Dokl AN SSSR 138 no. 5:1220-1222 Je '61.

PINNIPEDIA

Present state and problems of the taxonomy of pinnipeds K K Chapskii Trudy sov Ikht kom no 12 138-149 '61.

PINSK—PUBLIC HEALTH

Conference on medical personnel N. Kharin, S Terekhin, Zdrav. Bel. 7 no 5 69 My '61

PIONEERS (COMMUNIST YOUTH)

(see also subdivision under Nezhin)

Bibliographer's page ("Pioneers camp" by B. Balanenko and others; "Teacher's pedagogical tact in working with students of different temperaments" by T. IAkusheva; book review). Nar. obr. no. 6:120 Je '61.

"Contribution of Young Technicians to their Country" contest continues. IU. Stoliarov. IUn. tekh. 5 no. 3: 37-38 Mr '61.

From annals of the young technicians. V. Kulichenko. IUn. tekh. 5 no. 3:7 Mr '61.

IAkovlev, V. G. [Grow up a sportsman!] Rasti fiskul'turnikom. Izd. 2. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 158 p.

PIONEERS (COMMUNIST YOUTH)—BIBLIOGRAPHY see Bibliography—Pioneers (Communist Youth)

PIPE

(see also subdivision under Yaroslavl)

Kul'vinskii, I. V. [Pipe insulating machines and bitumen-melting units] Truboizolitsionnye mashiny i butimoplavil'nye ustanovki. Moskva, nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 87 p. (V pomoshch' stroiteliam gazoprovodov)

PIPE—CORROSION

Pritula, V. A. [Corrosion protection of underground pipes in factories] Zashchita zavodskikh podzemnykh truboprovodov ot korrozii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 384 p.

PIPE—FLUID DYNAMICS

IAkovlev, S. V., and IU. M. Laskov. [Pumping of sewage sludge and sediments; hydraulic resistances during the flow of sediments in sludge pipes] Porokachka ila i osadkov stochnykh vod, gidravlicheskie soprotivleniia pri dvizhenii osadkov v iloprovodakh. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 105 p.

PIPE—HYDRODYNAMICS

Damping of a slipstream in a cylindrical pipe. M. G. Drui. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 3 185-187 My-Je '61.

PIPE—TESTING

Automatic inspection of pipes. G. M. Kukhtevich, N. A. Litvinenko, IU. N. Russkevich. Mekh. i avtom. proizv. 15 no. 6:21-23 Je '61.

PIPE—WELDING

Assembly line for welding pipe sections. I. K. Korsh. Mont. i spets. rab. v stroi. 23 no. 5:24-27 My '61.

PIPE, ASBESTOS-CEMENT

Planning and laying urban asbestos-cement gas lines. V. S. Loginov, G. A. IAkovlev. Stroi. truboprov. 6 no. 4:25-27 Ap '61.

PIPE, CAST-IRON

Quality of the external surfaces of cast iron water pipes. B. D. Khakhalin, A. N. Smoliakov. Lit. proizv. no. 3:6-7 Mr '61.

PIPE, CAST-IRON—STANDARDS

Changes in standards. Vod i san. tekh. no. 5.29-30 My '61.

PIPE, CONCRETE

Manufacture of reinforced concrete pressure pipe by centrifugation, vibration, and pressing. V. Ovsiankin. Na stroi. Ros. no. 1:31-34 Ja '61.

Manufacturing reinforced concrete pipes by vibration molding. I. I. Mamontov. Stroi. i arkhit. Len 23 no. 5:28-30 My '61.

New developments in the technology of reinforced-concrete centrifuged bell mouth pipes. I. N. Akhverdov. Bet. i zhel.-bet. no. 5:195-200 My '61.

Preparing and assembling large precast reinforced-concrete delivery conduits. V. I. Levushkin, B. I. Babich. Gidr. stroi. 31 no. 5:20-23 My '61.

PIPE, PLASTIC

Installing an experimental culvert made of plastic concrete S. I. Dedinev. Transp stroi. 11 no. 5:15-17 My '61.

Introducing the use of polyethylene tubes on ships. I. I. Mamotenko. Sudostroenie 27 no 5:51-53 My '61.

Plastic pipes for interior water and sewage systems. S. Dubrovkin. Stroi. i arkhit. Mosk. 10 no. 4:35-38 Ap '61.

Use of plastic pipes in rural construction F. A Shevelev, D F. Kagan, S V. Likhlakov Vod i san tekh no 5 18-24 Je '61.

PIPE, STEEL—TESTING

Determining the bearing capacity of steel pipelines according to tensile strength. B. V. Barabash, V. I. Gorodetskii, R. IA. Pechenikov. Stroi. mekh. i raschet. sooi. 3 no. 3:12-14 '61.

PIPE FITTINGS

Iokhel', L. L., and V. T. Drobinisova. [Mechanized casting of nonferrous metal fittings in permanent molds] Mekhanizatsiia lit'ia armatury iz tsvetnykh splavov v metallicheskie formy; opyt Leningradskogo liteino-armaturnogo zavoda. Leningrad, 1960. 17 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom: Liteinoe proizvodstvo, no. 9)

Lachinov, N. V., and P. S. Farmakovskii. [Manual for fitters for installing pipes in thermal power plants] Pamiatka slesaria po montazhu truboprovodov v tsekhakh toplovykh elektrostantsii. Moskva, Gos. energ. izd-vo, 1960. 102 p.

State Standard for the hermetic seal of valves in pressure pipes. Biul. stroi. tekh. 18 no. 4:15 Ap '61.

PIPE FITTINGS—STANDARDS

Pipe fittings. T. P. Baburina. Standartizatsiia 25 no 6 57-58 Je '61.

PIPE JOINTS

Experience of working on heat fastening of joints on drill pipes in the enterprises of the State Association of the Azerbaijan Petroleum Industry. G. V. Tarusov Neft. khoz. 39 no. 7:60-63 Jl '61.

Screw clamp for removing packing from pipe flanges N. Sirenko Tyl i snab Sov Voor Sil 21 no. 1 89 Ja '61.

PIPE MILLS

Determining the shape of obliquely arranged rolls of straightening machines. T. A. Voskoboinikova Vest mash. 41 no. 7 42-46 Jl '61.

"Production of tubes on automatic and pilgrim rolling mills" by S I. Borisov Reviewed by N. F. Ermolaev. Stal' 21 no. 3 260-261 Mr '61.

Secondary conditions of gripping during the piercing process. P. I. Polukhin, R. M. Golubchik, V. IA. Gradchii. Izv. vys. ucheb. zav. ; chern. met. 4 no 6:50-54 '61.

PIPELINE TRANSPORTATION OF SOLIDS see Hydraulic conveying

PIPELINES

(see also subdivision under Kura Valley)

All pipeline builders should use advanced work methods. Stroi. truboprov. 6 no. 4:1 Ap '61.

Brodianskii, I. Kh. [Marking of welded shaped sections of pipelines; new table-graphic method] Razmetka svarnykh chastei truboprovodov; novyi tablichno-graficheskii metod. Leningrad, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry Leningr. otd-nie, 1961. 230 p.

Combined transportation of oil and gas by pipelines. L. L. Mikhailov, A. I. Guzhev, V. G Timov. Neft. khoz. 39 no. 7:43-47 Jl '61.

Rational organization and administration of the laying of petroleum and gas lines. A. M. Zinovich. Stroi. truboprov. 6 no. 4:7-8 Ap '61.

System of pipeline construction in the form of slack threads; a topic for discussion. G. A. Tartakovskii. Neft. khoz. 39 no. 7:53-57 Jl '61.

PIPELINES—EQUIPMENT AND SUPPLIES

Increasing the tank capacity of an anticorrosive coating machine. Z. P. Baklan, V. I. IAkovenko. Stroi. truboprov. 6 no. 4:23 Ap '61.

PIPELINES—WELDING

Welding elongated sections. V. K. Vnukov. Stroi. truboprov. 6 no. 4:17 Ap '61.

PIPERAZINE

Anthelminthic treatment of ascariasis with piperazine phosphate in Botkin's disease, typhoparatyphoid diseases, and dysentery [with summary in English]. IU. A. Shamov. Sov. med. 25 no. 5:69-73 My '61.

Observations on the immediate results of treating laryngeal cancer with dipine [with summary in English]. T. V. Bogdanova. Zhur. ush., nos. i gorl. bol. 21 no. 3:38-41 My-Je '61.

Studies on electrical activity changes in the cerebral cortex in patients with depressive states during treatment with imizin (tofranil) [with summary in French]. F. A Leibovich. Zhur. nevr. i psikh. 61 no. 2:188-200 '61.

PIPERAZINE (Continued)

Treatment of depression with imizin (tofranil) [with summary in French]. T. N. Morozova. Zhur. nevr. i psikh. 61 no. 2 176-182 '61.

Treatment of depressive states with imizin (tofranil) [with summary in French]. V. E. Galonke, R. A. Nadzharov. Zhur. nevr. i psikh. 61 no. 2. 183-186 '61.

PIPERYLENE

Polymerization of butadiene and piperylene mixtures. I. A. Livshits, S. I. Il'ina, V. N. Reikh. Kauch. i rez. 20 no. 7:1-4 Jl '61.

PIROSMANISHVILI, NIKO, 1863-1919

Niko Pirosmanishvili. I. Uvarova. Az. i Afr. seg. no. 5: 45-46 My '61

PISTACHIO

Palinological data on the taxonomy of the genus Pistacia L. [with summary in English]. L. A. Kuprianova. Bot. zhur. 46 no. 6:803-814 Je '61.

PISTON RINGS

Erosion of piston rings in internal combustion engines. F. V. Ankevich. Vest. mash. 41 no. 6:27-30 Je '61

Experimental investigation of the pressure of the actuating fluid on graphite piston rings. F. L. Iuditskii. Vest. mash. 41 no. 7:38-42 Jl '61.

Individual casting of piston rings for marine internal combustion engines. P. Gur. Mor. flot 21 no. 2:30-31 F '61.

Ways for investigating how various methods of hopping up internal combustion engines of truck-tractors affect the wear of cylinder and piston rings. E. V. Isaev. Dokl. TSKhA no. 66 155-166 '61

PISTONS

Methods for increasing the wear resistance of the first ring and groove joint in a piston. K. A. Achkasov. Dokl. TSKhA no. 66 241-251 '61

Residual stress in aluminum pistons. M. U. Bel'fer'man. Trakt. i sel'khozmash. 31 no. 7:5-8 Jl '61.

PITERKA DISTRICT (SARATOV PROVINCE)—DISEASES—REPORTING

Characteristics of general morbidity in rural districts [with summary in English]. A. M. Sachkov. Sov. zdrav. 19 no. 3:21-24 '60

PITUITARY BODY—DISEASES

Sheehan's syndrome. S. B. Rafal'kes. Akush. i gin. 37 no. 1:83-88 '61.

PITUITARY EXTRACTS

Pituitrin-produced coronary insufficiency. IA. I. Khadzhai. Farm. i toks. 24 no. 2:227-233 Mr-Ap '61.

Use of pituitrin in various forms of lactation disorders during the puerperal period. I. A. Mazhbits. Akush. i gin. 37 no. 1:50-53 '61.

PLACENTA

Dry method of separating the placenta in high-yielding cows. V. I. Rubtsov. Dokl. TSKhA no. 61:193-198 '61.

Effect of X rays on the placental barrier during different stages of pregnancy [with summary in English]. L. D. Lukianova. Biofizika 4 no. 5:574-581 '59.

Prevention of postpartal hemorrhage complicated by premature separation of the normal placenta. Z. S. Shuneva. Akush. i gin. 37 no. 1:65-69 '61.

PLAGIARISM

Follow-up on unpublished letters. Vest. vys. shkoly 19 no. 6 61 Je '61.

PLAGUE

(see also subdivision under Armenia; Azerbaijan; Caspian Sea region; Caucasus; Mongolia)

Action of antiplague serum on the plague microbe in vitro and in the animal organism. Report No. 5. Effect of antiplague serum on the change in the reactivity of the macroorganism to the plague antigen [with summary in English]. I. I. Dorteva. Zhur. mikrobiol. epid. i immun. 31 no. 3:97-100 Mr '60.

Aerosol immunization with dry live vaccines and anatoxins. Part 4: Characteristics and dynamics of the vaccinal process following aerosol vaccination with brucellosis, tularemia, anthrax and plague dust vaccines [with summary in English]. N. I. Aleksandrov and others. Zhur. mikrobiol. epid. i immun. 31 no. 12: 38-44 D '60.

History of plague and cholera control in the Russian fleet. A. A. Kelter. Zhur. mikrobiol. epid. i immun. 31 no. 12:125-127 D '60.

Preliminary data on the culturing of the causative agents of tularemia, brucellosis, and plague on a medium with native fermentative hydrolysate, aminopeptide-3. Report No. 1. A. S. Leibenzon, Z. F. Luchsheva. Zhur. mikrobiol. epid. i immun. 31 no. 12:102-103 D '60.

Relation between vaccinal and allergic reactions in individuals inoculated with plague vaccine [with summary in English]. M. P. Kozlov, A. E. Lemekhova, D. Norovd. Zhur. mikrobiol. epid. i immun. 31 no. 8:102-105 Ag '60.

Structure and dynamics of natural foci of plague [with summary in English]. N. I. Kalabukhov. Zhur. mikrobiol. epid. i immun. 32 no. 5:81-85 My '61.

Study of the possibility of increasing the viability and immunogenicity of living avirulent plague vaccine. The passage of No. 1 vaccine strain in white mice [with summary in English]. M. I. Levi, A. V. Chekomasova, N. V. Vasil'ev. Zhur. mikrobiol. epid. i immun. 31 no. 8 105-111 Ag '60

Use of an indirect method for staining P. pestis with fluorescent antibodies. Report No. 1: Specificity of staining and morphological characteristics of plague vaccine cells [with summary in English]. A. A. Sinitskii and others. Zhur. mikrobiol. epid. i immun. 31 no. 11:35-39 N '60.

Use of dry streptomycin aerosols in area prophylaxis in experimental plague [with summary in English]. L. N. Makarovskaia. Antibiotiki 5 no. 3:38-41 My-Je '60

Use of the immersion microrefractometric method in the direct determination of the ratio of dead and live cells in live plague vaccines [with summary in English]. B. A. Fikhman, M. D. Priadkina. Zhur. mikrobiol. epid. i immun. 32 no. 3:60-64 Mr '61

Use of triphenyltetrazole chloride for rapid quantitative determination of live cells in plague vaccine [with summary in English]. V. N. Sagatovskii. Zhur. mikrobiol. epid. i immun. 32 no. 5:51-54 My '61

PLANETS

Plenum of the Committee on Planetary Physics of the Astronomical Council of the Academy of Sciences of the U. S. S. R. A. T. Chekirda. Astron. zhur. 38 no. 3: 571-573 My-Je '61.

PLANING HULLS

Can a sailing yacht move quicker than wind. IU. S. Kriuchkov. Sudostroenie 27 no. 6:43-47 Je '61

Propulsion of ships on an air cushion. IU. IU. Benua. Sudostroenie 27 no. 5:2-9 My '61.

PLANING MACHINES

The 7210 double-sided planing machine. V. Z. Bel'skii. Biul. tekh.-ekon. inform. no. 6 30-32 '61.

PLANKTON

(see also subdivision under Black Sea)

Role of phyto- and zooplankton in the migration of cobalt in bodies of water [with summary in English]. V. V. Koval'skii, S. V. Letunova. Zool. zhur. 40 no. 6: 809-817 Je '61.

Seasonal variations in the plankton of the world ocean. Report No. 1: Seasonal variations in the plankton of middle and high latitudes [with summary in English]. A. K. Geinrikh. Trudy Inst. okean. 51:57-81 '61.

PLANT CELLS AND TISSUES

Dynamics of the decomposition of plant remains under field conditions. S. A. Aliev. Dokl. AN Azerb. SSR 17 no. 4:323-326 '61

Some data on the interaction of soluble ribonucleic acid of the plasma sap of leaves and intracellular structures [with summary in English]. Zh. A. Medvedev. Biofizika 6 no. 3:279-283 '61.

PLANT COMMUNITIES

(see also subdivision under Angara Valley)

Littoral flora of the Black Sea in the Northern Caucasus and Taman' Peninsula areas. Report No. 2: Characteristics of the phytocoenoses in the sublittoral stony soils [with summary in English]. K. M. Petrov. Vest. LGU 16 no. 12:116-134 '61.

Plant associations in the light of some cybernetic concepts [with summary in English]. V. D. Aleksandrova. Biul. MOIP. Otd. biol. 66 no. 3:101-113 My-Je '61.

PLANT INTRODUCTION see subdivision under Adzharistan; Batum; Ural Mountain region; White Russia

PLANT PHYSIOLOGY—RESEARCH see subdivision under Tatar A. S. S. R.; United States

PLANT QUARANTINE

(see also subdivision under Bulgaria; Spain)

Virus diseases of citrus plants and quarantine. foreign literature. D. P. Dovnar-Zapolskii. Zashch. rast. ot vred. i bol. 5 no. 1:46-47 Ja '60.

PLANT QUARANTINE—CONGRESSES

International Conference on Plant Quarantine, Prague, October 1959. Zashch. rast. ot vred. i bol. 5 no. 1:61 Ja '60.

PLANTERS (AGRICULTURAL MACHINE)

(see also subdivision under Ukraine)

Grigorenko, G. P. [Getting planting machines ready for work] Podgotovka posevnykh agregatov k rabote. Moskva, Rabochii, 1961. 41 p. (Biblioteka mekhanizatora) (DA)

Mechanized planting of vegetable transplants. Ekon. sel'khoz. 32 no. 2:81-83

New potato growing and harvesting technology. Nastenko. Mekh. i elek. sots. sel'khoz. 21 no. 6:43-49 Je '61.

Using the theory of probabilities in evaluating performance of hill-drop and check-row planters. Vasylenko, M. H. Bondarenko. Visnyk sil'. hosp. nauky 4 no. 6:43-49 Je '61.

PLANTING TIME

Seeding rates and methods for regionally adapted fiber flax varieties [with summary in English]. Z. M. Zhuzhikova. Trudy VNIIL no. 6 61-78 '60

When to sow fiber flax [with summary in English]. M. I. Fortunatova. Trudy VNIIL no. 6 50-63 '60

PLANTS—ASSIMILATION

Absorption and translocation of Cl^{14} labeled simazine by corn and oats. M. IA. Berezovskii, Ishtvan Krakkai. Dokl. TSKhA no. 64 83-90 '61.

How local application of various phosphate fertilizers affects the assimilation of phosphorus by plants. K. V. Kalinin, B. Debretseni. Dokl. TSKhA no. 64 25-30 '61

How plants assimilate calcium from the carbonaceous horizon of soil [with summaries in English, German, and French]. M. M. Kacas. Vest. sel'khoz. nauki 6 no. 6:37-41 Je '61

How the humus content of soils affects the assimilation of cobalt by plants [with summary in English]. N. V. Kulikov. Pochvovedenie no. 4:78-81 Ap '61.

Sr^{90} accession by plants and the proportion between strontium and calcium in crop yields depending on the concentration of radioactive strontium in various soils. I. V. Gulinkin, E. V. Iudintseva. Doklady TSKhA no. 57: 107-112 '60

Use of tagged atoms in studying the root nutrition of plants [with summary in English]. O. O. Lialin, G. R. Rik. Biofizika 6 no. 3 357-362 '61.

PLANTS—CHEMICAL ANALYSIS

Biochemical characteristics of vegetable crops and potatoes grown on flood lands. P. A. Vlasiuk. Biokhim. pl. i ovoshch. no. 6:100-121 '61.

Biochemical characteristics of wild radish (Raphanus raphanistroides). G. P. Eremeev, P. V. Shebanin. Biokhim. pl. i ovoshch. no. 6:132-136 '61.

Chemical composition of little-known vegetable crops. V. D. Bromshtein. Biokhim. pl. i ovoshch. no. 6:137-145 '61.

Conditions enabling the isolation of mitochondria from plant cells [with summary in English]. I. M. Mosolova, N. M. Sisakian. Biokhimiia 26 no. 3 549-555 My-Je '61.

Determining molybdenum in plants by the neutron activation analysis. A. A. Sobachkin, V. B. Mogilevkin, B. S. Prister. Doklady TSKhA no. 57 99-106 '60

Studying the chemical composition of the green alga Dunaliella salina Teod. G. P. Sorenkov, M. V. Pakhomova. Vest. Mosk. un. Ser. 6: Biol., poch. 16 no. 3, 22-26 My-Je '61.

Using the neutron activation analysis for determining trace phosphorus in biochemical investigations of plants. S. P. TSelishchev, V. B. Mogilevkin. Doklady TSKhA no. 57, 41-46 '60.

Variations in the chemical composition of potatoes due to polyploidy. G. A. Lukovnikova. Biokhim. pl. i ovoshch. no. 6:146-152 '61.

PLANTS—DISEASE AND PEST RESISTANCE

Increasing the resistance of plants to infectious diseases and injuries caused by piercing and sucking insects. V. A. Mogalov. Dokl. TSKhA no. 59, 179-184 '60.

Problem pertaining to immunity. M. S. Dunin. Zashch. rast. ot vred. i bol. 5 no. 1:59-60 Ja '60.

PLANTS—FROST RESISTANCE

Breeding winter wheat for cold resistance under field conditions. A. A. Horlach. Visnyk sil'. hosp. nauky 4 no. 6:58-62 Je '61.

Changes in the viscosity of the protoplasm of evergreens within a year depending on their winter hardiness. N. M. Sharashidze. Izv. Bot. hot sada no. 8:198-203 '57.

Characteristics of soil moisture in winter wheat fields and its role in the wintering period of 1955-1956. A. M. Kekukh. Trudy UKrNIGMI no. 22:3-18 '61

PLANTS—RESPIRATION

Changes in respiration intensity during the germination of corn seeds. Kh. Gering Vest. Mosk un Ser 6 Biol pochv. 16 no 3:15-21 My-Je '61

PLANTS, EFFECT OF ARIDITY ON

Drought resistance of early and late leafing types of oak I. F. Hrytsenko Visnyk sil'hosp. nauky 4 no. 7 104-106 Jl '61

PLANTS, EFFECT OF BORON ON

How the boron treatment of seeds before sowing affects the yield and physiology of fiber flax under various soil moisture conditions [with summary in English] N A Drozdov, G P. Sokolov Trudy VNIIL no 6 96-107 '60

PLANTS, EFFECT OF CHEMICALS ON

Effect of herbicides on metabolism in plants. M. M. Okuntsov, G. D. Zyrianova Izv Tomsk otd. VBO 4:87-90 '58.

PLANTS, EFFECT OF COPPER ON

Copper requirement of spring wheat during its ontogeny [with summary in English]. S. N. Drozdov. Bot. zhur 46 no 6 815-823 Je '61.

PLANTS, EFFECT OF FLUORINE ON

Case of fluorine damages to green plants. V. I. Petrov, F S. Pinskaia, L. I. Logacheva. Gig. i san. 26 no. 1 77 Ja '61.

PLANTS, EFFECT OF GAMMA RAYS ON

Using ionizing radiations to control the dormancy of potatoes during storage. Report No. 2. B. A. Rubin and others. Biokhim. pl. i ovoshch. no. 6:5-57 '61

Factors affecting the development of tree crowns. P. S. Kondrat'ev. Dokl. TSKhA no. 59.117-122 '60.

Role of light in the biosynthesis of nucleic acids in the green shoots of wheat, corn, and peas [with summary in English]. H I. Semenenko. Ukr. biokhim. zhur. 33 no. 3 340-347 '61.

PLANTS, EFFECT OF MAGNESIUM ON

How magnesium fertilizers affect plants on turf-Podzolic sandy-loam soils [with summary in English]. V. S. Rubanov. Pochvovedenie no. 6:39-46 Je '61.

PLANTS, EFFECT OF MOLYBDENUM ON

Effect of molybdenum on the yield of forage legumes in Vladimir Province. N. A. Korneev and others Doklady TSKhA no 57 93-97 '60

PLANTS, EFFECT OF NEUTRONS ON

Cytological study of embryos in neutron-irradiated wheat. O N Sorokina, I. D. Anikeeva TSitologiia 3 no 3: 300-304 My-Je '61

PLANTS, EFFECT OF NITROGEN ON

Assimilation of nitrogen by legumes under different soil temperatures. M. M. Gukova. Doklady TSKhA no. 57. 77-83 '60.

PLANTS, EFFECT OF POTASSIUM ON

Agricultural and physiological aspects of potassium nutrition in onion plants grown for bulbs. A. IA. Kal'ita. Biokhim. pl. i ovoshch. no. 6:219-227 '61.

PLANTS, EFFECT OF RADIATION ON

Atom and virus. R. Salganik. Izobr. i rats. no. 6:17-18 Je '61.

PLANTS, EFFECT OF SALTS ON

Effect of concentrated salt solutions on the physiology of swelling and germination in the seeds of some trees and shrubs. S A Alekperov. Izv. AN Azerb SSR. Ser biol i med. nauk no. 1:15-23 '61.

PLANTS, EFFECT OF SMOKE ON

Reasons for the widespread withering of pine and spruce in the Okhta forest tract. N. V. Podzorov. Izv. vys. ucheb. zav.; les. zhur. 4 no. 2:45-50 '61.

PLANTS, EFFECT OF SOIL MOISTURE ON

Characteristics of soil moisture in winter wheat fields and its role in the wintering period of 1955-1956. A. M. Kekukh. Trudy UkrNIGMI no. 22:3-18 '61.

PLANTS, EFFECT OF TEMPERATURE ON

Characteristics of different corn varieties with reference to their temperature requirements. A. M. Kekukh, M. N. Kopachevskaia. Trudy UKrNIGMI no. 22:39-54 '61.

Effect of changing temperatures on the growth of roots. IA. M. Gellerman and others. Doklady TSKhA no. 57: 85-92 '60.

Effect of temperature on photosynthesis in some desert plants. S. F. Fazylova. Uzb. biol. zhur no. 3:22-28 '61.

Effect of temperatures below the freezing point on the germinating capacity of stored hard wheat. M. P. Savchenko. Uch. zap. Omsk. gos. ped. inst. no. 12:3-20 '59.

Effect of the air temperature on the length of the period between the sowing and sprouting of grain crops. V. P. Dmitrenko. Trudy UKrNIGMI no. 22.19-31 '61.

How constant and variable temperatures of the root bed and air affect the growth of tomatoes. IA M Gellerman, P T. Galkina, L A Litvinenko Dokl TSKhA no. 64 141-148 '61

Temperature of sugar beet leaves as a physiological indicator of adequate water supply I I Saltykov. Visnyk sil'hosp. nauky 4 no 5 97-100 My '61

PLANTS, EFFECT OF ZINC ON

Role of the trace element zinc in biochemical processes taking place in grapes. O. k. Dobrolubskii. Biokhim. pl. i ovoshch. no. 6 228-251 '61.

PLANTS, ORNAMENTAL

Akademiia kommunal'nogo khoziaistva. [List of ornamental plants of experimental stations for town planting of the Academy of Communal Economy] Spisok dekorativnykh rastenii opytnykh stantsii ozeleneniia gorodov Akademii kommunal'nogo khoziaistva. Moskva, Otdel nauchno-tekhn. informatsii Akad., 1960. 28 p.

PLANTS, PROTECTION OF

(see also subdivision under Afghanistan; Bashkiria; Mozhayskiy District, Uzbekistan, Volokolamsk District)

Important crew in over-all mechanization. N. F. Manukovskii, V. P. Petrov, V. A. Rider. Zashch. rast. ot vred. i bol. 5 no. 1:5-7 Ja '60.

Plenum of the Central Committee of the CPSU. Zashch. rast. ot vred. i bol. 5 no. 1:1-2 Ja '60.

Problems involved in the manufacture of chemicals for the protection of plants and for weed control. M. M. Malikov. Khim. prom. no. 5 297-299 My '61.

With the organizers of socialist competition. Zashch. rast. ot vred. i bol. 5 no. 1:3-4 Ja '60.

PLANTS, PROTECTION OF—BIBLIOGRAPHY see Bibliography—Plants, Protection of

PLANTS, PROTECTION OF—CONGRESSES

Fifteenth Afghan-Soviet Conference. I. A. Churaev. Zashch. rast. ot vred. i bol. 5 no. 1:62 Ja '60.

International Conference on Plant Quarantine and Protection, Prague, October 1959. Zashch. rast. ot vred. i bol. 5 no. 1:61 Ja '60.

PLANTS, SPACE ARRANGEMENT OF

Effect of space arrangement on corn yields in Rovno Province P P. Monchuk. Visnyk sil'. hosp. nauky 4 no. 6,103-104 Je '61

Effect of variety, planting density, and harvesting time on the yield of corn stalks V T. Medvedieva. Visnyk sil'hosp. nauky 4 no 5 50-54 My '61

Growth and development of corn plants as related to their number in hills and the area of squares in checkrow-pocket planting. V. I. Sviharev. Biul. MOIP. Otd. biol. 66 no. 3 68-76 My-Je '61.

Improved methods for checkrow planting and cross cultivation of row crops P G. Karaerov. Dokl. TSKhA no. 60-75-89 '61

PLASMA (IONIZED GASES)

Constancy of the tangential burst in a rarefied plasma [with summary in English]. L. D. Pichakhchi. Ukr fiz. zhur. 6 no. 1:86-92 Ja-F '61.

Damping of magnetohydrodynamic waves in a rarefied plasma [with summary in English] V. V. Dolgopolov, K M. Stepanov. Ukr. fiz. zhur. 5 no 1.59-64 Ja-F '60

Disturbances produced by a body moving in plasma [with summary in English]. L. P. Pitaevskii, V. Z. Kresin. Zhur. eksp. i teor. fiz. 40 no. 1.271-281 Ja '61.

Electrostatic effects in the movement of a rarefied plasma in a nonuniform magnetic field IU. S Sigov. Dokl AN SSSR 138 no 6:1337-1340 Je '61

Interaction of beams of fast electrons with longitudinal plasma beams [with summary in English]. IU. A. Romanov, G F. Filippov Zhur eksp. i teor. fiz. 40 no. 1 123-132 Ja '61

Investigating the development of discharges and establishing the parameters of plasma in low-pressure tubes. T. A. Sanina, A. A. Zaitsev, A. A. Sanin. Vest. Mosk. un. Ser. 3: Fiz., astron. 16 no. 2:54-59 Mr-Ap '61.

Investigating the escape of plasma from a magnetic mirror trap [with summary in English]. M. S. Ioffe and others. Zhur. eksp. i teor. fiz. 40 no. 1:40-48 Ja '61.

Motion of a plasma flowing in a tube in external crossed electric and magnetic fields. V. M. Sarychev. PMTF no. 1:3-9 Ja-F '61.

Plasmatic state of matter. S. A. Balezin. Khim. v shkole 16 no. 2:17-22 Mr-Ap '61.

Turbulence of plasma in a magnetic mirror trap [with summary in English]. B. B. Kadomtsev. Zhur. eksp. i teor. fiz. 40 no. 1:328-336 Ja '61.

PLASMA OSCILLATIONS

High-frequency oscillations in low-pressure discharges. I. A. Savchenko, A. A. Zaitsev. Vest. Mosk. un. Ser. 3: Fiz., astron. 16 no. 2:19-25 Mr-Ap '61.

PLASTER

Leningrad construction sites deserve highly mechanized mortar and plaster plants. A. P. Donskoi. Strol. i arkhit. Len. 23 no 5:31-32 My '61.

Waterproof plasters. O. Mil'kevich. Stroitel' no. 5: 30-31 My '61.

PLASTERING

Mechanization of plastering operations. A. Hodzha-Ei... tov Prom. Arm 4 no 1:27-28 Ap '61.

PLASTERING—EQUIPMENT AND SUPPLIES

Finishing machine with hydraulic drive. Stroitel' no. 5:11 My '61.

PLASTERING—SAFETY MEASURES

Kil'kevich, O. L. [Pamphlet on safety measures for the plasterer] Pamiatka po tekhnike bezopasnosti dlia shtukatura Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 21 p. (Tekhnika bezopasnosti)

PLASTERING—STUDY AND TEACHING

Kalechits, S. N. [Methods manual for instructors in special training at building and trade schools for plasterers] Metodicheskoe posobie prepodavateliam spetsial'noe tekhnologii pri podgotovke v stroitel'nykh i remeslennykh uchilishchakh shtukaturov. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1960. 116 p.

PLASTIC BEARINGS

Equipment for determining the moment of friction for plastic bearings N. P. Nesterova Izv. vys. ucheb. zav., mashinostr. no. 4 113-119 '61

PLASTIC BUILDINGS see Buildings, Plastic

PLASTICITY

Approximate solution of the problem of drawing a plastic material through a conic die [with summary in English] F P. Borota Prykl. mekh 7 no 3 321-325 '61

Coordination conference on the three-dimensional theory of elasticity and plasticity. A T Ulitko. Prykl mekh 7 no. 3.346-346 '61.

D. D. Ivlev's erroneous comments. V. S. Lenskii. Izv. AN SSSR. Otd tekh nauk. Mekh. i mashinostr. no 3 172-175 My-Je '61.

Effect of calcium on the plastic properties of the El765 alloys. S. A. Iodkovskii, A. S. Loboda. Metalloved. i term. obr. met. no. 6:57-59 Je '61.

Effect of the austenite grain size on the plasticity of 9KhF steel. G. M. Belkov, N. T. Litenko. Metalloved. i term. obr. met. no. 6:21-24 Je '61.

Plasticity of carbon steels. V. N. Peretiat'ko, M. A. Zaikov Izv vys ucheb zav.; chern met 4 no 6 67-74 '61.

Plotting the fields of lines of slide and calculating the coordinates of their nodal points for die-forging processes. V. P. Severdenko, E. M. Makushok. Sbor. nauch. trud. Fiz.-tekh. inst. AN BSSR no. 6:34-45 '60.

Setting of the plasticity problem for an anisotropic body. Conditions of plasticity. K. N. Shevchenko. Inzh. sbor 31:86-92 '61.

Studies of the problem "Scientific principles of strength and plasticity" by the institutes of the Academy of Sciences of the Ukrainian S. S. R. in 1960. O. M Penkov Prykl. mekh 7 no. 3.340-345 '61.

A trend in the theory of plasticity (comments on the discussion between D. D. Ivlev and V. S. Lenskii). V. V Novozhilov. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 3.176-181 My-Je '61.

PLASTICS

(see also subdivision under Leningrad)

Akademiia stroitel'stva i arkhitektury SSSR. Institut stroitel'nykh konstruktsii. [Building elements using plastics abroad and prospects for their use in the U. S. S. R.] Stroitel'nye konstruktsii s primeneniem plastmass za rubezhom i perspektivy ikh primeneniia v SSSR. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 151 p.

Bathrooms made of particle board faced with plastics. M. Nemlikher. Na stroi. Ros. no. 4:20-30 Ap '61.

Elements using plastics. A. Gubenko. Na stroi. Ros. no. 4:14-16 Ap '61.

Hel'ts, V. E. [Polyvinyl chloride; preparation, methods of processing, uses in the national economy] Polikhlorvinil; oderzhannia, vlastyvosti, sposoby pererobky ta zastosuvannia v narodnomu hospodarstvi. Kyiv, 1961. 41 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 6, no. 4)

In the Technical Economic Council of the State Committee on Automation and Machine Manufacture of the Council of Ministers of the U. S. S. R. I. V. Rakhlin. Vest. mash. 41 no. 7:87 Jl '61.

Large panels made of foamed polystyrene. M. Solov'ev, M. Zukhovitskii, IU. Nikiforov. Na stroi. Ros. no. 4 26-27 Ap '61.

Losev, B. I., and K. N. Strel'tsov. [Manufacture and assembly of parts made of plastics; a survey] Obrabotka i sborka detalei iz plasticheskikh mass; obzor. Pod red. A. L. Pechenkina i V. A. Braginskogo. Leningrad, 1960. 75 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Seriia: Sinteticheskie materialy)

Notkin, B. M., and V. P. Peropelkin. [Plastics in engineering] Plastmassy v tekhnike. [Moskva] Mosk. rabochii, 1961. 175 p.

Perov, B. V., and M. M. Gudimov. [Oriented organic glass] Orientirovannoe organicheskoe steklo. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1961. 40 p.

PLASTICS (Continued)

Plastic facing for forms. R. R. Kormilitsyn. Gidr. stroi. 31 no. 6,39-40 Je '61.

Polyfluoroethylene and methods for its use. I. V. Shibanov. Biul. tekh.-ekon. inform. no. 6 74 '61.

Protective coating of wooden boat hulls by glass-reinforced plastics. IA. I. Rabinovich. Sudostroenie 27 no. 5,53-54 My '61.

State of spherical deformation of plastic media. D. D. Ivlev, T. N. Martynova. PMTF no. 1 72-75 Ja-F '61.

Use of glass-reinforced plastics for the repair of cracks in metal structures [from "Shipbuilding and Shipping Record no. 19, 1960] Sudostroenie 27 no. 5 67 My '61.

Use of plastic water pipes. S. N. Cherkinskii, K. I. Akulov, M. N. Rubleva. Gig. i san. 26 no. 1,95-99 Ja '61.

Using plastics in the clockmaking and watchmaking industry. L. E. Levin. Priborostroenie no. 6:15-16 Je '61.

PLASTICS—MOLDING

Equipment for continuous compression molding of thermosetting plastics. A. I. Zimin, A. S. Ezzhev. Kuz.-shtam. proizv. 3 no. 6 32-37 Je '61.

Particular aspects of making machinery parts from polyamides by die casting. V. F. Plaonov. Trakt. i sel'khozmash. 31 no. 6:43-46 Je '61.

Rollers made of moulded plastic. E. Neginskii. Na stroi. Ros. no. 4:25 Ap '61.

PLASTICS—TESTING

Deformation of plastics in a tensile test as a motion component of the mobile clamp of a testing machine. K. V. Panferov, Iu. G. Korabel'nikov, K. A. Chapskii. Zav. lab. 27 no. 6 747-750 '61.

Torsion test for plastics and inorganic glasses at temperature above the vitrification point. A. S. Eremeeva. Zav. lab. 27 no. 6:743-747 '61.

PLASTICS—WELDING

Butt welding of thermoplastic films by heat pulsation. A. D. Dudnikov. Svar. proizv. no. 6:30-32 Je '61.

PLASTICS INDUSTRY

(see also subdivision under Erivan)

Problems in working plastics. V. A. Kargin, M. I. Rokhlin. Vest. AN SSSR 31 no. 5 89-93 My '61.

PLATE GLASS—MEASUREMENT

Checking dimensions and the shape of plate glass. N. I. Amosov, M. R. Savitskii. Standartizatsiia 25 no. 6 45-47 Je '61.

PLATE TOWERS

Hydrodynamics of plates made of S-shaped elements. I. A. Aleksandrov and others. Khim. i tekh. topl. i masel 6 no. 7:38-44 Jl '61.

Letter to the editor pertaining to B. N. Mikhailovskii's article "Calculation of rectification columns based on theoretical plates and units of transfer." S. M. Volokh. Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no. 2:386 '60.

Model experiments in the water cooling of gases in bubble-cap plates. I. N. Kuz'minykh, M. D. Babushkina. Izv. vys. ucheb. zav., khim. i khim. tekh. 3 no. 2:378-385 '60.

Reply to the S. M. Volokh's letter. A. G. Kasatkin and others. Izv. vys. ucheb. zav., khim. i khim. tekh. 3 no. 2:387-388 '60.

PLATES, ALUMINUM

Asbestos aluminum panels. Na stroi. Ros. no. 2:23 F '61.

PLATINUM

Economic effectiveness of catalytic reforming units with a platinum catalyst. Iu. F. Sokov, L. G. Nikitina. Khim. i tekh. topl. i masel 6 no. 7:31-34 Jl '61.

Effect of thermal treatment on the catalytic properties of a platinum film. V. M. Grigaznov, V. D. Iagodovskii, V. I. Shimulis. Kin. i kat. 2 no. 2:221-227 Mr-Ap '61.

PLATINUM-TUNGSTEN ALLOYS see Tungsten-platinum alloys

PLAVINAS HYDROELECTRIC POWER STATION—SOIL STABILIZATION

Soil compaction by a subsurface vacuum method in the construction of the Plavinas Hydroelectric Power Station. V. K. Razumov. Gidr. Stroi. 31 no. 5:28-30 My '61.

PLEKHANOV, GEORGII VALENTINOVICH, 1856-1918

Debatable questions must be discussed; a letter to the editors. B. Bursov. Vop. lit. no. 12:232-234 D '59.

PLESHCHEEV, ALEKSEI NIKOLAEVICH, 1825-1893

The legacy of A. N. Pleshcheev as a literary scholar and critic. N. S. Garanina. Vest. Mosk. un. Ser. 7: Filol., zhur. 16 no. 3:42-55 My-Je '61.

PLESNER, ABRAM IEZEKIILOVICH, 1900-

Abram Iezekiilovich Plesner on his 60th birthday. L. A. Liusternik and others. Usp. mat. nauk 16 no. 1: 213-218 Ja-F '61.

PLETHYSMOGRAPHY

Significance of vascular reactions coupled with the respiration. F. F. Ogienko. Fiziol. zhur. 47 no. 4: 442-448 Ap '61.

PLEURA—INNERVATION

Characteristics of influences from reflexogenic zones of the pleura on the arterial blood pressure. V. N. Nasledkov. Fiziol. zhur. 47 no. 4 459-464 Ap '61.

PLOTNIKOV, VASILII IL'ICH, 1877-1959

Vasilii Il'ich Plotnikov. Zashch. rast. ot vred. i bol. 6 no. 1:63 Ja '60.

PLOWING

Comparative investigation of the use of moldboard and moldboardless plows in cultivating deep Chernozems of Kharkov Province. IU. G. Kartsev. Dokl. TSKhA no. 60 45-52 '61.

Effect of the direction of plowing slopes on the erosion of soils and yields of farm crops. K. S. Ragimov. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 1 139-144 '61.

Investigating various methods of fall plowing in the cultivation of turf-Podzolic soils in the central non-Chernozem zone. E. V. Seredinskaia. Dokl. TSKhA no. 60 35-43 '61.

Specific resistance of gray forest soils to plowing on the "Pakhomovo" State Farm in Tula Province [with summary in English]. P. U. Bakhtin, V. I. Volotskaia. Pochvovedenie no. 4:68-77 Ap '61.

PLOWS

How the position of the momentary axis of the turning gear of a plow's suspension mechanism affects the reaction of the furrow bottom and the additional load of tractor engines. I. F. Popov, N. I. Klenin. Dokl. TSKhA no. 66,53-66 '61.

The PLN-126 mounted forest plow. V. L. Pashkin. Biul.-tekh.-ekon. inform. no. 6 59-60 '61.

Plow for high-speed plowing. N. Matiuto. Tekh. v sel'khoz. 21 no. 6:82 Je '61.

Plows used in preparing soil for afforestation and reforestation. N. Shapovalov, IU. Laptev. Tekh. v sel'khoz. 21 no. 6:53-54 Je '61.

Steadiness of the working depth of mounted plows. I. F. Popov, N. I. Klenin. Dokl. TSKhA no. 66 41-46 '61.

Types of moldboard plows for tractors. N. A. Ogorodnikova. Trakt. i sel'khozmash. 31 no. 7:20-23 Jl '61.

PLOWS—ATTACHMENTS

Knives attached to the plowing unit. K. M. Korolenko, I. K. Botarchuk. Mekh. sil'. hosp. 12 no. 7:12-14 Jl '61.

Modifying plows for the cultivation of fields infested with Canada thistle. K. I. Kurochkin. Dokl. TSKhA no. 63 45-54 '61.

PLUM

Effect of different rootstocks on aerial parts of the plum. Chzhan Chzhi-uin [Chang Chih-yung]. Dokl. TSKhA no. 59,31-37 '60.

PLURALITY OF WORLDS

Earth is not an exception (from "Wissen und Leben"). R. Hawemann. Nauka i zhizn' 28 no. 5:35 My '61.

Life zones in outer space (from "Problemy"). J. Gadomski. Nauka i zhizn' 28 no. 5,33-35 My '61.

PLUTONIUM

Kurchatov, B. V., and others. [Sulfate method for isolating plutonium and neptunium] Sul'fatnyi metod vydeleniia plutoniia i neptuniia. Moskva, 1955. 7 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Shvetsov, I. K., and A. M. Vorob'ev. [Methods used for the separation of neptunium and plutonium] K voprosu o metodakh razdeleniia neptuniia i plutoniia. Moskva, 1955. 6 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

PLUTONIUM—ISOTOPES

Anisotropy of the fission fragments of Pu^{240} and Pu^{239} nuclei. V. G. Nesterov, G. N. Smirenkin, I. I. Bondarenko. Atom. energ. 10 no. 6:620-622 Je '61.

PLUTONIUM COMPOUNDS

Investigation of the system PuO_2F_2--HF--H_2O (isotherm 20° C). L. F. Alenchikova, L. V. Lipis, N. S. Nikolaev. Atom. energ. 10 no. 6:592-596 Je '61.

PLYWOOD

Effect of the rigidity of elements in the veneer cutter on the process of plywood cutting. IU. P. Goncharov. Izv. vys. ucheb. zav., les. zhur. 4 no. 2:121-126 '61.

Elements made of plywood. V. Khrulov. Stroitel' no. 5:31 My '61.

PNEUMATIC CONTROL

Automatic pneumatic optimizer [with summary in English] N. V. Grishko. Avtom. i telem. 22 no. 5:654-663 My '61.

Designing pneumatic counting and storage systems. L. M. Pomerantsev, V. I. Shcherbakov, S. A. IUditskii. Stan. i instr. 32 no. 7:4-7 Jl '61.

PNEUMATIC MACHINERY

Determination of the strain on the rotors of a geared pneumatic drive from the pressure of compressed air. E. D. Riabkov. Izv. vys. ucheb. zav.; gor. zhur. no. 4: 114-121 '61.

Method for designing pneumatic packers. A. A. Furman. Izv. Sib. otd. AN SSSR no. 4 17-27 '61.

PNEUMATIC TOOLS

Efficient design of pneumatic valve hammers. G. I. Sidorenkov. Izv. vys. ucheb. zav., mashinostr. no. 4: 71-80 '61.

Mechanization of torque tightening of threaded joints with a diameter from 24 to 42 cm. G. V. Popov, M. A. Leonson. Vest. mash. 51 no. 6 66-68 Je '61.

Vasil'ev, N. N. [Miniature pneumatic tools] Malogabaritnye pnevmaticheskie instrumenty. Leningrad, 1960. 18 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Opyt novatorov. Seriia: Mekhanicheskaia obrabotka metallov, no. 4)

PNEUMATIC TOOLS—VIBRATION

Characteristics of recoil and vibration in certain pneumatic hammers. A. I. Kovalenko. Trudy LSGMI 61:58-67 '60.

Hygienic working conditions in machining large dies with pneumatic tools [with summary in English]. F. F. Gorbachevskii. Trudy LSGMI 61 112-117 '60.

PNEUMATIC-TUBE TRANSPORTATION

Extending the life of pipelines in superphosphate production. A. N. Mashin. Khim. prom. no. 6:433 Je '61.

Hydraulic resistance of the particle acceleration zone and pipe bends in the pneumatic-tube transportation of chalk. A. I. Karpov. Kauch. i rez. 20 no. 6 32-36 Je '61.

Installation for conveying milling products by means of aerosol at the Alma-Ata Grain Milling Combine. Z. Klevtsova. Muk.-elev. prom. 27 no. 6:14-15 Je '61.

PNEUMONIA

Functional changes in the higher nervous activity in infants in pneumonia [with summary in English]. A. N. Karlova. Vop. okh. mat. i det. 6 no. 4:48-54 Ap '61.

Problem of oleopneumonia. M. E. Nechaeva. Arkh. pat. 23 no. 4:87-88 '61.

PODGAYTSY DISTRICT—SUGAR BEETS

Vera Dushnik and her successors. S. Nechai. Komsom. zhizn' no. 24:10-12 D '59.

PODGORNYY BAYLYAR REGION—PALYNOLOGY

Pollen flora of Pliocene deposits near the village Podgornyy Baylyar in Tatarstan. T. A. Kuznetsova. Dokl. AN SSSR 138 no. 6:1421-1423 Je '61.

PODGURSKII, PETR FEDOROVICH, 1864-

Petr Fedorovich Podgurskii. E. G. Kucherlavykh. Biul. nauch.-tekh. inform. Ukr. NIILKhA no. 3/4:65-66 '57.

PODKAMENNAYA TUNGUSKA VALLEY—GEOLOGICAL SURVEYS

Book on tayga trails and its author ("Along tayga trails" by V. Vronskii). Reviewed by V. Smirnov). Vokrug sveta no. 6:60-61 Je '61.

PODKAMENNAYA TUNGUSKA VALLEY—METEORITES

Search for the Tunguska meteorite continues. G. F. Plekhanov, N. V. Vasil'ev, V. A. Koshelev. Nauka i zhizn' 28 no. 5:76-79 My '61.

Searches for the Tunguska meteorite. Izv. AN SSSR. Ser. geol. 26 no. 6:127 Je '61.

PODOL'SK—REFRACTORIES INDUSTRY

Business and elections meeting of the Council of the Scientific Technical Department of the Ferrous Metal Industry at the Podol'sk Refractories Factory. Ogneupory 26 no. 5:245 '61.

PODOL'SK—REFRACTORIES INDUSTRY—LABOR PRODUCTIVITY

Planning and accounting for labor productivity using the conditional accounting unit method at the Podol'sk Refractories Plant. A. Zhukov. Biul. nauch. inform. trud i zar. plata 4 no. 6:16-20 '61.

PODOL'SK DISTRICT—AGRICULTURAL EXPERIMENT STATIONS

"Shchapovo" Training and Experimental Farm as a basis for agricultural research. K. P. Devin. Dokl. TSKhA no. 56:299-305 '60.

PODOL'SK DISTRICT—BUCKWHEAT

Artemova, A. V. [Obtaining 27 centners of buckwheat per hectare] 27 tsentnerov grechikhi s gektara. [Moskva] Mosk. rabochii, 1961. 14 p. (Liudi, dela, plany)

(DA)

PODOL'SK DISTRICT—CITY PLANNING

Experimental town on the "Zaria Kommunizma" state farm. Na stroi. Ros. no. 2:20a-20b F '61.

PODOPHYLLIN

Treatment of papillomas of the larynx in children with podophyllin. A. S. Samokhvalova, S. N. Olenev. Zhur. ush., nos. i gorl. bol. 21 no. 2:67-70 Mr-Ap '61.

PODZOL
(see also subdivision under Moscow Province)
Accumulation of organic matter in turf-Podzolic soils under different field crops. G. A. Stepanova. Dokl. TSKhA no. 63, 56-63 '61.
Fertility of the genetical horizons of turf-Podzolic soils. E. V. Seredinskaia. Dokl. TSKhA no. 60, 93-98 '61.
Problems pertaining to the process of podzolization in the forest-meadow zone. I. S. Kaurichev, E. M. Nozdrunova. Dokl. TAKhA no. 63, 99-104 '61.
Role of aeration in changing the properties of turf-Podzolic soils. I. P. Grechin. Dokl. TSKhA no. 63, 93-98 '61.
What causes for formation of top water in silt loam turf-Podzolic soils. M. F. Podvolskii. Pochvovedenie no. 6: 103-104 Je '61.

POETRY—HISTORY AND CRITICISM
"Not from the elbow but the shoulder" ("Thoughts on poetry" by Vl. Lugovskoi. Reviewed by L. Levin). Novyi mir 37 no. 7:258-260 Jl '61.

POGRANICHNOYE REGION (SAKHALIN)—BITUMEN—GEOLOGY
Fracturing and bitumen potential of the Tertiary sediments in the southeastern part of northern Sakhalin. (Pogranichnoye area). V. A. Shustov. Trudy VNIGRI no. 163:178-198 '60.

POISON GAS see Gases, Asphyxiating and poisonous

POLAND—ADMINISTRATIVE LAW
A new book by the Polish specialists of administrative law ("Outline of administrative law" [in Polish] by Jerzy Staroscink, Emanuel Iserzon. Reviewed by A. Kh. Mukhnenko, N. G. Salishcheva). Sov. gos. i pravo 31 no. 7:138-138 Jl '61.

POLAND—BIBLIOGRAPHY
[New literature on European people's democracies and Slavic studies: Poland.] Nov. lit. po evrop. stran, nar. dem. i slav.: Pol', no. 4 '61.

POLAND—BOUNDARIES
"The Potsdam Agreement of August 2, 1945" [in Polish] by Alfons Klafkowski. Reviewed by I. I. Lukashuk. Sov. gos. i pravo 31 no. 6:124-126 Je '61.

POLAND—CARTOGRAPHY
A survey of the activities of the state geodetic service in Poland. N. I. Modrinskii. Geod. i kart. no. 6: 67-69 Je '61.

POLAND—ECONOMIC CONDITIONS
The holiday of new Poland. Andrzej Zolatkowski. Agitator no. 13:17-19 Jl '61.

POLAND—ECONOMIC POLICY
Kowalski of Muranow. Ludwik Czaja. Nov. vrem. 10 no. 30:15 Jl '61.
Some problems of the five-year plan in the Polish People's Republic; 1961-1965. S. Jedrychowski. Plan. khoz. 38 no. 7:59-68 Jl '61.

POLAND—GEOLOGY, STRATIGRAPHIC
Some results of the study of the Paleozoic stratigraphy in Poland. B. S. Sokolov. Geol. i geofiz. no. 5:104-107 '61.

POLAND—NEWS PHOTOGRAPHERS
Our "Thursdays": "My Warsaw", exhibition of the Polish news photographer Z. Semaszko. Sov. foto 21 no. 6:42-43 Je '61.

POLAND—PALEONTOLOGICAL RESEARCH
Visiting Polish paleontologists. Iu. A. Orlov, B. S. Sokolov. Paleont. zhur. no. 2:137-138 '61.

Experiments on the refraction and reflection of polarized light. D. I. Sakharov. Usp. fiz. nauk 74 no. 1:177-179 My '61.
Possibility of measuring the polarization arising in the scattering of a neutron by a neutron [with summary in English]. A. H. Sytenko, V. F. Kharchenko. Ukr. fiz. zhur. 6 no. 1 20-24 Ja-F '61.
Problem concerning the effect of the polarization of light on the photoeffect of complex cathods. N. S. Khlebnikov, A. E. Melamid. Radiotekh. i elektron. 6 no. 7: 1215-1216 Jl '61.

POLARIZATION (LIGHT)
Polarization in coronal rays [with summary in English]. I. D. Gits. Astron. zhur. 38 no. 3:474-477 My-Je '61.
Polarization in various parts of Mrkos' comet (1957). D. L. Astavin-Razumin. Biul. VAGO no. 28:3-5 '60.
Rotation of the plane of polarization in the lower atmosphere. F. P. Noskov. Izv. vys. ucheb. zav.; geod. i aerof. no. 2:65-68 '61.

POLAROGRAPHY
Increased sensitivity of the polarographic determination of uranium in the presence of vanadium and phosphate ions [with summary in English]. V. G. Sochevanov and others. Zhur. anal. khim. 16 no. 3:362-363 My-Je '61.
Polarographic determination of caprolactam and amino acids, the intermediate products of synthetic fibers [with summary in English]. IA. I. Turian, IU. M. Turin, B. P. Zhantalai. Zhur. anal. khim. 16 no. 3 352-358 My-Je '61.
Polarographic modification of Bertrand's method in determining the activity of some carbohydrases [with summary in English]. I. D. Ivanov, G. A. Molodova. Mikrobiologiia 30 no. 2 337-340 Mr-Ap '61.
Purification of certain quaternary ammonium compounds used in polarography [with summary in English]. G. S. Supin. Zhur. anal. khim. 16 no. 3:359-361 My-Je '61.
Using the method of additions in polarometry. A. I. Shugar, N. A. Kuvichinskii. Doklady TSKhA no. 57 153-154 '60.

POLESYE—AGRICULTURE—ECONOMIC ASPECTS
Reclamation of lands in the Polesye Lowland is a vital economic task. T. Koval', A. Tiul'panov. Plan. khoz. 38 no. 7:51-58 Jl '61.

POLESYE—POPLAR
Development of poplar plantations in pine forests of the Ukrainian Polesye. M. V. IUr, IE. H. Poliakov. Visnyk sil'hosp. nauky 4 no. 5:59-62 My '61.

POLESYE—RECLAMATION OF LAND
Reclamation of lands in the Polesye Lowland is a vital economic task. T. Koval', A. Tiul'panov. Plan. khoz. 38 no. 7:51-58 Jl '61.

POLESYE—RIVERS
Bulavko, A. G. [Effect of the drainage of swamps on the elements of water balance in rivers of the White Russian Polesye] Vliianie osushenila bolot na elementy vodnogo balansa rek Belorusskogo Poles'ia. Pod red. V. V. Romanova. Moskva, Gidrometeor. izd-vo, 1961. 150 p.

POLIANOVSKII, D. I.
A novel on vigilance ("Collaborator of the Cheka" by A. Lukin, D. I. Polianovskii. Reviewed by N. Bondar'). Sov. Ukr. 11 no. 8:168-169 Je '61.

POLIOMYELITIS
(see also subdivision under Kuybyshev; Tajikistan)
Determination of the antigenic properties of an inactivated poliomyelitis vaccine [with summary in English]. L. S. Lozovskaia, E. R. Pille. Vop. virus. 6 no. 3:166-170

antigens from poliomyelitis virus
mmary in English]. V. I. Agol,
p. virus. 6 no. 2:161-166 Mr-Ap

nical and latent forms of poliomye-
cause in the development of epi-
h summary in English]. O. V.
ia. Zhur. mikrobiol. epid. i immun.
'60.

igation fields in the incidence of
of the literature. G. A. Bagda-
biol. epid. i immun. 32 no. 2:

RESSES
Medical Conference, Devoted to
elitis, N. A. Zeitlenok. Vop. virus.
p '61.

VE
preventing poliomyelitis, diphthe-
summary in English]. O. G.
Zubova. Zhur. mikrobiol. epid.
5-59 D '60.

gical indices following use of
associated vaccines against polio-
ary in English]. V. I. Vasil'eva.
i immun. 31 no. 12:44-50 D '60.

POLISH LANGUAGE—DICTIONARIES—UKRAINIAN
Akademiia nauk URSR, Kiev, Instytut suspil'nykh nauk. [Polish-Ukrainian dictionary in two volumes] Pol's'ko ukrains'kyi slovnyk u dvokh tomakh. Red. kol. A. I. Hens'ors'kyi i dr. Kyiv.
Vol. 2, pt. 2, S-Z. 1960. 608 p.

POLITICAL CRIMES AND OFFENSES see subdivision under Switzerland

POLITICAL SCIENCE—SOCIETIES, ETC
First meeting of the Soviet Association of the Political Sciences. V. P. Shatrov. Vest. AN SSSR 31 no. 6:[illegible] Je '61.

POLITICAL SCIENCE RESEARCH
The First Session of the Soviet Association of Political Sciences. V. Slavin. Sov. gos. i pravo 31 no. 7:131 131 Jl '61.

POLLEN
Rate of pollen development in the 1300-DV and 108-F cotton varieties. V. A. Rumi. Uzb. biol. zhur. no. 3 42-49 '61.
Role of vegetative nuclei in the development of male gametophytes. T. F. Poliakova. TSitologiia 3 no. 3: 254-265 My-Je '61.

POLOVINKA VALLEY—LAMELLIBRANCHIATA, FOSSIL
New Miocene lamellibranchiates from Lake Baikal region. S. M. Popova. Paleont. zhur. no. 2 35-42 '61.

POLTAVA PROVINCE—BIRDS
Finds of Arctic and Boreal birds in Poltava Province. N. I. Gavrilenko. Ornitologiia no. 3 430-433 '60.

POLYAMIDES
Heterochain polyamides. Part 29: Significance of the hydrolysis of dichlorides of dicarboxylic acids during interphase polycondensation [with summary in English]. V. V. Korshak and others. Vysokom. soed. 3 no. 3 371-375 Mr '61.
Interfacial polycondensation. A. P. Terent'ev, I. G. Mochalina, E. G. Rukhadze. Dokl. AN SSSR 136 no. 5 1130-1131 Je '61.
Stabilization of polyamide fibers. L. G. Tokareva and others. Khim. volok. no. 3:15-21 '61.

POLYCHAETA see subdivision under Bering Sea

POLYETHYLENE
Reaction of polyethylene with sulfur. B. A. Dogadkin, A. A. Dontsov. Dokl. AN SSSR 136 no. 6, 1340-1342 Je '61.

POLYMERIZATION
Carbochain polymers and copolymers. Part 31: Polymerization and copolimerization of vinylphosphinyl chloride [with summary in English]. E. F. Rolinova, G. S. Kolesnikov. Vysokom. soed. 3 no. 3:459-463 Mr '61.
Carbochain polymers and copolymers. Part 33: Copolymerization of methyl methacrylate with polyhydrosiloxargonate containing a methacrylic end group [with summary in English]. G. S. Kolesnikov, TSzen Khan-min (Teng Han-ming). Vysokom. soed. 3 no. 6:919-924 Je '61.
Catalytic and radiation polymerization and copolymerization of allylhydrosilanes [with summary in English]. I. N. Lishenko and others. Vysokom. soed. 3 no. 5: 833-840 Je '61.
Certain laws governing polycoordination reaction. V. V. Korshak, S. V. Vinogradova. Dokl. AN SSSR 135 no. 6: 1353-1356 Je '61.
Chemical transformations of unsaturated and high molecular weight compounds. Report 19: Alternation during the copolymerization of vinyl ethers. A. M. Khomutov. Izv. AN SSSR, Otd. khim. nauk no. 6:1118-1119 Je '61.
Conditions of the formation of metallo-aromatic polymerization initiators [with summary in English]. A. A. Arest-IAkubovich, A. R. Gantmakher, S. S. Medvedev. Vysokom. soed. 3 no. 7, 1003-1009 Jl '61.
Cyclic polymerization and copolymerization. Part 6. Synthesis and study of cyclic polymerization of some divinylacetals and diisopropenylacetals [with summary in English]. S. G. Matsoian and others. Vysokom. soed. 3 no. 7:1010-1014 Jl '61.
Effect of polymerization catalysts on the degradation rate of isotactic polypropylene [with summary in English]. D. Rysavy, L. Balaban. Vysokom. soed. 3 no. 3:470-474 Mr '61.
Effect of surface tension on interfacial condensation [with summary in English]. N. V. Mikhailov, S. S. Medvedeva, V. I. Maiboroda. Vysokom. soed. 3 no. 7: 991-994 Jl '61.
Gamma-ray induced copolymerization of acrylonitrile and ethylene [with summary in English]. V. F. Gromov, P. M. Khomikovskii, A. D. Abkin. Vysokom. soed. 3 no. 7:1015-1019 Jl '61.
Heterochain polyesters. Part 31: Role played by the hydrolysis of aromatic dicarboxylic acid chlorides in the process of interfacial polycondensation [with summary in English]. V. V. Korshak and others. Vysokom. soed. 3 no. 7:984-990 Jl '61.

Initiation of low temperature polymerization in systems obtained by the molecular beam method [with summary in English] V. A. Kargin and others. Vysokom. soed 3 no. 3:426-434 Mr '61

Ion-catalytic telomerization Part 3: New method of separating primary allyl halo derivatives from a mixture of isomers Geranyl chloride, Sesquiterpene chlorides. K V Leets Zhur. ob. khim. 31 no. 6: 1869-1876 Je '61.

Kinetics and mechanism of the initial stage of the polycondensation of terophthaloyl chloride with ethylene glycol Part 1 Relation between the reaction rate and the polarity of the medium [with summary in English]. S. G Entelis, G. P. Kondrat'eva, N. M. Chirkov Vysokom soed. 3 no. 7 1044-1053 Jl '61.

Laws governing polycoordination and new coordination polymers [with summary in English]. V. V. Korshak and others. Vysokom soed. 3 no 7.1117 Jl '61.

New catalysts for the polymerization of ethylene oxide [with summary in English]. O. V. Krylov, IU. E. Siniak. Vysokom soed. 3 no. 6:898-900 Je '61.

Organoboron compounds. Part 77: Polymerization of butyl vinylboronate [with summary in English]. B M. Mikhailov, P. M. Aronovich. Vysokom. soed. 3 no. 6: 861-864 Je '61

Oxidation-reduction initiating systems used in polyester lacquers. N. G. Shtan'ko. Lakokras. mat. i ikh prim. no. 3:14-19 '61.

Polyethers of levoglucosan. Part 1: Polymerization of levoglucosan and its ethers [with summary in English]. V. V. Korshak and others Vysokom. soed. 3 no. 3: 477-485 Mr '61.

Polymerization kinetics of hydrocarbons with conjugated bonds. Part 1: Polymerization of phenylacetylene and properties of polymers [with summary in English]. P. S. Shantarovich, I. A. Shilnpnikova. Vysokom. soed. 3 no. 3:363-367 Mr '61.

Polymerization kinetics of styrene in the presence of phthaloyl peroxide [with summary in English]. N. S. TSvetkov. Vysokom. soed. 3 no. 3:408-413 Mr '61.

Polymerization of aryl vinyl ethers and their derivatives Part 1. Polymerization and copolymerization of vinyl ethers of halogenated phenols [with summary in English]. A. V Kalabina and others. Vysokom. soed. 3 no. 7 1020-1026 Jl '61.

Polymerization of butadiene and piperylene mixtures. I. A. Livshits, S. I. Il'ina, V. N. Reikh. Kauch. i rez. 20 no. 7:1-4 Jl '61.

Polymerization of methylmethacrylate in the presence of the organic acid - dimethylaniline system. Part 1 [with summary in English]. M. F. Margaritova, S. D. Evstratova. Vysokom. soed. 3 no. 3:390-397 Mr '61.

Polymerization of methylmethacrylate in the presence of the organic acid - dimethylaniline system. Part 2 [with summary in English]. M. F. Margaritova, S. D. Evstratova. Vysokom. soed. 3 no. 3:398-401 Mr '61.

Polymerization of 2-ethyl-1, 3-butadiene (with summary in English) I A Livshits, L M Korobova. Vysokom. soed. 3 no. 6:891-897 Je '61.

Polymers with a conjugated system of bonds and heteroatoms in the conjugation chain. Part 12: Preparation and properties of some polyaminoquinones [with summary in English]. V. P. Parini and others. Vysokom. soed. 3 no. 3:402-407 Mr '61.

Processes of polymerization and grafting on newly formed surfaces of inorganic substances [with summary in English]. V. A. Kargin and others. Vysokom. soed. 3 no. 7.1091-1099 Jl '61.

Production of initial monomers for carbochain fibers. V. N. Antonov. Khim. volok. no. 3:3-7 '61.

Radiation polymerization of tertiary monovinylphosphine oxides [with summary in English]. B. L. TSetlin and others. Vysokom soed. 3 no. 7.1117-1118 Jl '61.

Role of sulfhydryl groups in the polymerization of actin [with summary in English]. B. F. Poglazov, A. A. Baev. Biokhimiia 26 no. 3 535-540 My-Je '61.

Specific mechanism of molecular chain termination in heterogeneous polymerization [with summary in English]. S. E. Bresler and others. Vysokom. soed. 3 no. 6:820-827 Je '61.

Suspension polymerization of the trivinyl ether of triethanolamine. Synthesis of a new anion exchanger [with summary in English]. M. F. Shostakovskii and others. Vysokom. soed. 3 no. 6:908-911 Je '61.

Synthesis and polymerization of methyl-d-methoxyacrylate [with summary in English]. S. S. Ivanov. Vysokom. soed. 3 no. 3:368-370 Mr '61.

Syntheals and transformations of vinyl ethanolamine ethers. Part 13: Copolymerization of some vinyl ethanolamine ethers with methyl methacrylate [with summary in English]. I. A. Chekulaeva and others. Vysokom. soed. 3 no. 6:901-907 Je '61.

Synthesis of polymers. Report 2: Photooxidative activation of methyl methacrylate by ultraviolet light [with summary in English]. S. R. Rafikov, G. P. Gladyshev. Vysokom. soed. 3 no. 7:1034-1040 Jl '61.

X-ray induced polymerization of acetaldehyde in the condensed phase [with summary in English] V. S. Pshezhetskii, V. A. Kargin, N. A. Bakh. Vysokom. soed. 3 no. 6:925-930 Je '61.

POLYMERIZATION—BIBLIOGRAPHY see Bibliography—Polymerization

POLYMERS

Antistatic preparation of fibers based on hydrophobic polymers (West German Patent No. 1047437 4). Khim. volok. no. 3:76-77 '61.

Based on the achievements of chemistry ("Polymer-cement concrete" by IU. S. Cherkinskii. Reviewed by M. Belova). Na stroi. Ros. no. 4 30 Ap '61.

Compatibility of film-forming polymer solutions. E. S. Gurevich, A. M. Frost. Lakokras. mat. i ikh prom. no. 3:11-13 '61.

Creep and relaxation of high polymers in the transitory state. N I. Malinin. PMTF no. 1:56-65 Ja-F '61.

Kinetics of the growth of "silver" cracks in transparent solid polymers. M. I. Bessonov, E. V. Kuvshinskii. Fiz. tver. tela 3 no. 5.1314-1323 My '61.

Made of polymers. K. Vysokov, S. Zhuravlev. Na stroi. Ros. no. 1:19-22 Ja '61.

Microscopic structure of crystalline polymers in large blocks [with summary in English] Li Li-shen, V. A. Kargin. Vysokom soed. 3 no. 7:1102-1103 Jl '61.

New method of synthesizing graft and block copolymers [with summary in English] V. V. Korshak and others Vysokom. soed 3 no. 7:1117 Jl '61.

New waterproof polymeric materials of high durability. M. V. Shavlovich Gidr. i mel 13 no. 6.47-50 Je '61.

On the boundary between two phases. L. V. Kozlov, V. V. Kurashev. Priroda 50 no. 7:99-101 Jl '61.

Ordered precrystalline structure of polymers [with summary in English] G. L. Berestnova and others Vysokom. soed. 3 no. 6:801-805 Je '61.

Photoelastic effect in polymethyl methacrylate stereoisomers Part 1: Atactic and syndiotactic polymers [with summary in English] V N. TSvetkov, M. G. Vitovskaia. Vysokom. soed. 31 no. 6:931-935 Je '61

Polymer-cement building mortars. IU. Cherkinskii, V. Smelianskii. Na stroi. Ros. no. 4:34-35 Ap '61.

Polymer film materials for finishings. K. Skirdova, A. Kopyl. Na stroi. Ros. no. 4:30-31 Ap '61.

Preparation of new organotin polymers [with summary in English]. N. A. Adrova, M. M. Koton, V. A. Kinges. Vysokom. soed. 3 no. 7 1041-1043 Jl '61.

Role played by chemical and intermolecular bonds in polymer rupture [with summary in English]. S. N. Zhurkov, S. A. Abasov. Vysokom. soed. 3 no. 3: 450-455 Mr '61.

Studies of the molecular interaction in solutions of polymers by their conversion to colloidal systems [with summary in English]. S. A. Glikman, E. P. Korchagina, L. L. Sevlants. Vysokom. soed. 3 no. 3:353-358 Mr '61.

Tensile strength of polymer fibers as a function of the shape of the molecular weight distribution [with summary in English]. L. G. Gurvich. Vysokom. soed. 3 no 7:1062-1064 Jl '61.

Viscosimetry of polymer solutions. Part 1: Capillary viscometer with electronic recording of flowtime [with summary in English]. M. Krishevskii, B. Palchinskii. Vysokom. soed. 3 no. 6:936-942 Je '61

POLYMERS—CLASSIFICATION

Classification of graft copolymers [with summary in English]. G. S. Kolesnikov, Tzen Khan'-min (Tsêng Han-ming). Vysokom. soed. 3 no. 3:475-478 Mr '61.

POLYMERS—OPTICAL PROPERTIES

Light scattering and viscosity of di polystyrene in an ideal solvent. chlorostyrene [with summary in L. N. Andreeva. Vysokom. soed. '61.

POLYMERS—SPECTRA

Electronic paramagnetic resonanc mers. L. A. Blumenfel'd. Zhur. 324 '61.

POLYMERS—THERMAL PROPERTI

Temperature-time dependence of t polymer fibers [with summary in kov, S. A. Abasov. Vysokom. soe Mr '61.

POLYMERS, HIGH see Macromole

POLYNOMIALS

Asymptotic properties of polynom functions of several variables. nauk 16 no. 1:91-118 Ja-F '61

Functionals of the derivatives of a mial, and V. A. Markov's theorem AN SSSR, Ser. mat. 25 no. 3:357

Relation for integrals of moduli of mials. V. F Vlasov, A. F. Timo no. 6:1263-1265 Je '61.

POLYNUCLEOTIDE PHOSPHORYLA

Synthesizing activity of the polynu of Micrococcus lysodeikticus in vate system [with summary in E K. B. Serebrovskaia, T. L. Auern no. 3.499-504 My-Je '61.

POLYPHENYLS

Absorption and luminescence of impurities in crystals of organic compounds at 20°K Part 4 Spectra of anthracene in crystals of certain polyphenyls [with summary in English] A. V. Soloviov. Ukr. fiz. zhur. 6 no. 1 58-65 Ja-F '61.

POLYPLOIDY

Experimental polyploidy as the method of the creation of new forms of plants by means of chemically directed heredity alteration N P. Dubinin. Zhur. VKHO 6 no. 3 325-332 '61

Polyploids of wild potato species and hybrids with polyploids in perennial culture. N. A. Lebedeva. Bot. zhur. 46 no. 6 860-863 Je '61.

Variations in the chemical composition of potatoes due to polyploidy. G. A. Lukovnikova. Biokhim. pl. i ovoshch. no. 6:146-152 '61.

POLYSACCHARIDES

Extraction and fractionation of acid mucopolysaccharides [with summary in English]. S. M. Bychkov. Vop. med. khim. 7 no. 2:179-186 Mr-Ap '61.

Histochemical analysis of polysaccharides in myocardial stroma in influenza. F. L Leitas. Arkh. pat 23 no 5: 46-51 '61.

Histochemical study of proteins, nucleic acids, and polysaccharides in diffuse and nodular goiter in thyrotoxicosis. V. B. Zolotarevskii. Arkh. pat. 23 no. 5:40-46 '61

Properdin system and its role in infection and immunity. Report No. 1. The production of active preparations of zymosan [with summary in English]. V. D. Nikitina and others. Zhur. mikrobiol. i immun. 31 no. 8:12-19 Ag '60.

Stimulation of the macrophage system by bacterial polysaccharides. A. I. Braude, G. E. Vaisberg. Dokl. AN SSSR 136 no. 5:1195-1197 Je '61.

Weigert's resorcin-fuchsin as an additional reaction for acid polysaccharides. S. M. Shibaeva. Arkh. pat 23 no. 5:77-79 '61.

POLYZOA, FOSSIL see subdivision under Tien Shan

PONDS

Bromine and iodine content of pond waters in some arid regions. N. V. Veselovskii, I A Goncharova Gidrokhim. mat. 23.47-53 '61

POPLAR see subdivision under Polesye

POPLAR—DISEASES AND PESTS

Callus-like galls on Populus pruinosa Schrenk. IU. V. Sinadskii. Ent. obozr. 40 no. 2:297-299 '61.

POPULATION

"Population problems" by D. I. Valentei. Reviewed by V. IAgodkin Sots. trud 6 no 5 153-155 My '61

POPULATION—STATISTICS

"Demographic statistics (population statistics); concise manual for physicians" by A. M. Merkov. Reviewed by E. A. Sadvokasova Sov zdrav 19 no. 3:80-81 '60.

Ptukha, M. V. [Studies on population statistics] Ocherki po statistike naseleniia. Moskva, Gosstatizdat TsSU SSSR, 1960. 456 p.

POPULISM (NARODNICHESTVO)

The first program of revolutionary populists in the 1870's. N. A. Troitskii. Vop. ist. no. 6:208-210 Je '61.

PORTLAND CEMENT

Effect of alkaline ... on the ... [illegible] (with summary in English) ... [illegible]

PORTUGAL — FOREIGN RELATIONS — UNITED STATES

[illegible], A. [illegible] [American imperialism in the Pyrenean Peninsula] ... [illegible] ... 1961. 401 p.

PORTUGAL — POLITICS AND GOVERNMENT

[illegible]

PORTUGAL — [illegible] [illegible]

POSITIVISM

[illegible], I. [Present day positivism: a critical ...] ... [illegible] ... 1961. 152 p.

POSTAGE STAMPS

(see also subdivisions under Madagascar)

[illegible] ... for postage stamps ... [illegible]

[illegible]

POSTAGE STAMPS — [illegible] see subdivision under Mali Republic

POSTAL SERVICE

(see also subdivision under Alma-Ata; Ukraine)

As seen by our English friends. V. [illegible] Vest. sviazi 21 no. [illegible] '61.

Organization of large scale postal communications having large mechanized centers. V. N. [illegible] Vest. sviazi 21 no. [illegible] '61.

Results of the competition for the best ... [illegible] ... of postal communications. Vest. sviazi [illegible] Ap '61.

POSTAL SERVICE — ACCOUNTING

Internal ... [illegible] ... Vest. sviazi 21 [illegible] Ap '61.

POSTAL SERVICE — BUILDINGS see subdivision under Moscow

POSTAL SERVICE — EMPLOYEES

[illegible] apartment house for ... Vest. sviazi 21 [illegible] Ap '61.

POSTAL SERVICE — INTERCOMMUNICATION SYSTEMS

[illegible] controlled signal systems for postal ... at large post offices. [illegible] Vest. sviazi 21 [illegible] Ap '61.

POSTAL SERVICE — LETTER CARRIERS

Follow the example of the leading carriers. A. [illegible] Vest. sviazi 21 [illegible] My '61.

In the father's footsteps. M. M. [illegible] Vest. sviazi 21 no. [illegible] Mr '61.

Our methods for improving the ... [illegible] Vest. sviazi 21 [illegible] My '61.

POSTERS

History of the [illegible] poster 1917-1921 [illegible]

New posters [illegible]

POSTHARVEST

Method of preventing changes in the coloring of ... under the influence of ... [illegible] Zhur. [illegible] '61.

POTASSIUM see subdivision under [illegible]

POTASSIUM — PHYSIOLOGICAL EFFECT

[illegible] obtained from applying potassium fertilizers ... flax in the eastern flax growing zone of the Latvian S.S.R. (with summary in English) [illegible]

POTASSIUM BROMIDE

Fusibility diagram of a ternary system of potassium bromide, cadmium bromide and lead bromide. [illegible] [illegible] Zhur. neorg. khim. [illegible] '61.

POTASSIUM CHLORIDE

Thermionic emission from single crystals of NaCl and KCl during bombardment by lithium and potassium ions. [illegible] Fiz. tver. tela 3 [illegible] '61.

POTASSIUM CHLORIDE CRYSTALS

Diffusion and ... [illegible] ... in KCl crystals irradiated with [illegible] Mev. protons. A. [illegible] and others. Fiz. tver. tela 3 [illegible] '61.

POTASSIUM FLUOTITANATE

Solubility of titanium dioxide in molten potassium fluotitanate. [illegible] Izv. AN Kazakh. SSR. Ser. met., obog. i ogneup. no. 1:[illegible] '61.

POTASSIUM [illegible]

[illegible]

POTATOES

[illegible]

POTATOES — DISEASES AND PESTS

(see also subdivisions under [illegible])

[illegible]

Disinfection of potatoes against ... [illegible]

Using tetramethylthiuram disulfide ... [illegible]

POTATOES — FERTILIZERS AND MANURES

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POTATOES — GRADING

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POTATOES — SPECTRA

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POTATOES — STORAGE

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Using ... [illegible]

POTATOES — VARIETIES

(see also subdivisions under [illegible])

Testing of the ... varieties ... [illegible]

POTENTIAL, THEORY OF

[illegible] ... in the potential theory ... [illegible]

[illegible]

POWER ENGINEERING see subheads under Kar... [illegible]

POWER PLANTS

[illegible]

POWER PRESSES (Continued)

Increasing the reliability of the means of controlling mechanical presses. I. N. Fil'kin, M. M. Rozenblat, E. V. Shirokov. Kuz.-shtamp. proizv 3 no. 7:16-20 Jl '61.

The KA276 630 ton-capacity press. G. K. Kirshtein Biul. tekh.-ekon inform. no 5 30-31 '61

The K383 double-crank closed press with 2,500 ton capacity I. M. Podrabinnik Biul tekh.-ekon inform no 5 28 30 '61

POWER PRESSES—ATTACHMENTS

Ejector of finished parts. I. M. Stavitskii. Trakt. i sel'khozmash. 31 no. 6 46 Je '61.

POWER PRESSES—PNEUMATIC DRIVING

Simple design of a pneumatic clutch. V. Giurdzhian Prom. Arm. 4 no. 1 40-41 Ja '61

POWER PRESSES—STANDARDS

Press-forging equipment A. V. Lopatin Standartizatsiia 25 no 6 55-56 Je '61

POWER TOOLS

Power tools S. N Filipenko Avtom., telem i sviaz' 5 no 4 9-12 Ap '61

Sudakovich, D. L., and G. L. Bernadskii. [Manual on portable power tools] Spravochnik po mekhanizirovannomu ruchnomu instrumentu. Izd. 2., dop. i perer. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961, 335 p.

POWER TOOLS—STANDARDS

Standardization of electric tools used in mining. V. I. Elgazin Standartizatsiia 25 no 6 32-33 Je '61.

POZZUOLI—OFFICE EQUIPMENT AND SUPPLIES

Under false slogans. L. Smirnov. Sov. profsoiuzy 17 no 12 39-42 Je '61.

PRECAST CONCRETE

(see also subdivision under Cherepovets; Kansk, Krasnoyarsk; Tashkent)

Building construction sites in the village. Sel'. stroi. 15 no 5.31 My '61.

Factory operations in building the 1-464-1 and 1605A series of large-panel houses. A. A. Susnikov, V. A. Giraki. Mekh. stroi. 18 no. 4 6-9 Ap '61.

House made of prefabricated room elements. F. B. Shutskii. Transp. stroi. 11 no. 5 27-29 My '61.

How to choose a steaming system. L. Malinina. Stroitel' no. 5:28-29 My '61.

Manufacturing parts of buildings on the construction site. F. M. Buben. Transp stroi 11 no. 5:20-30 My '61.

Manufacturing the elements of large-panel houses. Mekh. stroi. 18 no. 4 9-12 Ap '61.

Mechanized molds with reinforced-concrete walls, N. F. Morozov. V. I. Porozhniakov. Mekh. stroi. 18 no. 4:18 Ap '61.

Molding units move into full production. O. Beiul, A. Tatarinov. Stroitel' no. 5:18-19 My '61.

New equipment for making circular reinforced concrete liners for vertical shafts. N. I. Englin, V. L. Zhdanov. Shakht stroi. 5 no. 5:20-23 My '61.

Protective coverings for metal molds. N. I. Gorlachev. Stroi. i arkhit. Len. 23 no. 6:38-39 Je '61.

PRECAST CONCRETE CONSTRUCTION

(see also subdivision under Krasnoyarsk; Kuban; Ukraine; Volzhskiy; Yaroslavl)

Aesthetic expression in precast housing construction. E. Sviatchenko. Stroi. i arkhit. 9 no. 4:3-6 Ap '61.

Assembling the main building of a thermal electric station of precast reinforced concrete. IA. Volovnik, K. Kharitonov. Stroitel' no. 5:3-5 My '61.

Bolotin, N. A., and A. V. Gurenkov. [Practice of erecting precast reinforced-concrete bunker trestles at blast furnaces] Opyt montazha sbornykh zhelezobetonnykh bunkernykh estakad domennykh tsekhov. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 65 p.

Building prefabricated gypsum reed panel houses. D. Gol'dberg, S. Rendino, S. Serzhantov. Stroi. i arkhit. 9 no. 4:19-21 Ap '61.

Construction hoisting machinery is modernized. A. Kodkin. Stroitel' no. 5:22-23 My '61.

Cotton combine built of precast reinforced concrete. A. Zakharin. Na stroi. Ros. no. 3:16-18 Mr '61.

Designing large-panel buildings. R. Muller, A. Iushin. Stroi. i arkhit. 9 no. 5:18-20 My '61.

Effective method of assembling large-panel buildings. V. Tkachenko. Stroi. i arkhit. 9 no. 5:25-27 My '61.

Farm buildings made of reinforced concrete arches. Na stroi. Ros. no. 3:36 F '61.

Hollow precast reinforced concrete elements for farm buildings. A. Nekrasov. Na stroi. Ros. no. 1:26-28 Ja '61.

Industrial-type construction of a reinforced concrete closed canal. B. Rutkovskii, B. Beletskii, O. Vereshchagin-Ilanko. Stroi. i arkhit. 9 no. 4:22-23 Ap '61.

Introducing large structural elements into rural construction. I. Kotov, T. Vitrenko. Sel'. stroi. 15 no. 4:4-7 Ap '61.

Kessel', N. K., and others. [Equipment and devices for assembling structural elements] Oborudovanie i prisposobleniia dlia montazha stroitel'nykh konstruktsii. Minsk, Redaktsionno-izdatel'skoi otdel' BPI im. I. V. Stalina, 1960. 48 p.

Large-panel housing construction is an industrial method of building. Mekh. stroi. 18 no. 4:3-4 Ap '61.

Large-panel precast reinforced concrete arched slabs. D. Kiselevich. Na stroi. Ros. no. 2 27-29 F '61.

Mints, M. S., and others. [Rating designs of large-panel apartment houses from the technical and economic point of view] Tekhniko-ekonomicheskaia otsenka konstruktivnykh reshenii krupnopanel'nykh zhilykh zdanii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit materialam, 1961. 117 p.

Modernizing series 1-335 model large-panel apartment houses. L. G. IUzbashev Stroi. i arkhit. Len. 23 no 5:16-20 My '61

Plan of an experimental house made of three-dimensional elements. L. Kh. Rabinovich. Stroi. i arkhit. Len. 23 no. 6:8-11 Je '61.

Precast reinforced concrete elements for building thermal electric stations F. Sapozhnikov. Na stroi Ros. no. 2 24-26 F '61.

Progressive methods of building an aluminum plant. S. IAkubanets, G. Rubtsov. Na stroi. Ros. no. 3 11-14 Mr '61.

Residential and public buildings made from three-dimensional elements. A. Karagin. Na stroi. Ros. no. 1 14-15 Ja '61.

Sealing joints in completely precast apartment houses. K. Kashkarov. Na stroi. Ros. no. 1 23-25 Ja '61.

Sinking large hollow shore protection units in running water. N. L. Gaganor and others. Gidr. stroi. 31 no. 5: 30-31 My '61.

Using precast reinforced-concrete supports in the mines of the Leninogorsk Combine. N. L. Doroshkevich. Shakht. stroi. 5 no 6:23-24 Je '61

Vsesoiuznyi gosudarstvennyi proektno-konstruktorskii Institut Giprostroiindustriia. [Instructions for organizing the assembled delivery and transportation of articles and the construction of series I-464 and I-464A large-panel apartment houses made of molded panels] Ukazaniia po organizatsii komplektnoi postavki, transportirovke izdelii i vozvedeniiu krupnopanel'nykh zhilykh domov serii I-464 i I-464A iz panelei, izgotovlennymik kassetnym metodom; tekhnicheskie usloviia. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 130 p.

Ways of improving the assembly of large-panel houses. V. I. Khonichev, B. F. Dobrynin. Stroi. i arkhit. Len. 23 no. 6:16-19 Je '61.

PRECIPITATION (CHEMISTRY)

Comparative evaluation of heavy metal salt precipitation methods with gaseous hydrogen sulfide and sodium sulfide. N. M Rusin, V. F. Rabinovich. Gig. i san. 26 no. 1:66-69 Ja '61.

Precipitation of elements from molten salts. Report No 1 Precipitation of certain elements from molten ammonium nitrate. V. K. Val'tsev and others Izv Sib. otd. AN SSSR no 4 38-42 '61

PRECISION CASTING

Conveyor furnace for heating and cooling molds for precision casting. G. Z. Lipovetskii, N. D. Ponizovskii. Lit. proizv. no. 3:17 Mr '61.

Investment casting of experimental lots of EI572 steel turbine wheels. V. A. Ivanov, G. P. Kim. Lit. proizv. no. 3:4-6 Mr '61.

Leningradskii dom nauchno-tekhnicheskoi propagandy. [Precision casting without fillers or flasks; research by the Laboratory of Metallization of the Leningrad Electrical Institute] Proizvodstvo tochnogo lit'ia po vyplavliaemym modeliam bez napolnitelei i opok; opyt raboty laboratorii metallizatsii Leningradskogo elektrotekhnicheskogo instituta imeni V. I. Ul'ianova (Lenina). Leningrad, 1952. 13 p. (Informatsionno-tekhnicheskii listok, no. 75(416))

Precision casting of 3Kh2V8 steel. B. S. Glazman, A. P. Elishev. Lit. proizv. no. 6:44-45 Je '61.

Scale formation and the decarbonization of parts made by precision casting. V. N. Ivanov, A. V. Baranov. Lit. proizv. no. 3:19-21 Mr '61.

Semipermanent plastic dies for patterns in precision casting. A. A. Shturman. Lit. proizv. no. 3:35-36 Mr '61.

PREFABRICATED BUILDINGS see Buildings, Prefabricated

PREFERRED NUMBERS

Selecting the most efficient version of a dimensional series. M. L. Ratner. Standartizatsiia 25 no. 6:7-10 Je '61.

PREGNANCY, COMPLICATIONS OF

Case of necronephrosis following transmembranal use of rivanol. P. S. Shpychynets'ka. Ped., akush. i gin. 23 no. 1:62-64 '61.

Characteristics of the course of Botkin's disease in pregnancy and during lactation [with summary in English]. IU. A. Romanov. Sov. med. 25 no. 6:33-37 My '61.

Course of Landry's paralysis during pregnancy and after labor V. A Gusev, P IA Semenova Akush. i gin. 37 no. 1:95-96 '61

Experience in the prevention of staphylococcal diseases in maternity homes by immunizing pregnant women with staphylococcal toxoid [with summary in English]. B V Voskresenskii, A I Dmitrieva, Z. I Lebedeva. Zhur. mikrobiol. epid. i immun 32 no 1:33-39 Ja '61

Further observations on the use of antibiotics in treating an abundance of waters V. V Ivanova. Ped., akush. i gin 23 no. 1:56-58 '61

Necrosis of fibromyoma of the uterus in pregnancy [with summary in English]. V. A Kuznetsov. Sov. med. 25 no. 5:129-131 My '61.

Pheochromocytoma of the adrenal gland with fatal outcome in pregnancy L I Shatalova, A B Shekhter Akush. i gin. 37 no 1 105-106 '61

Pregnancy and cystoma of the ovaries V. I. Borodianskii Akush. i gin 37 no. 1:93-97 '61

Some aspects of nicotinic acid metabolism during the treatment of pregnant subjects with early toxicoses V. F. Gorvat. Akush i gin. 37 no. 1:57-61 '61

PREGNANCY, EXTRAUTERINE

Differential diagnosis of acute appendicitis, rupture of the ovary, and extrauterine pregnancy. I. M. Nadezhina. Med. zhur. Uzb. no. 1,20-26 Ja '61.

Extrauterine pregnancy [with summary in English]. I. S. Eliguladshvili. Sov. med. 25 no. 5:7-12 My '61.

Ovarian pregnancy. O. I. Stupko. Ped., akush. i gin. 23 no. 1:53-55 '61.

PRENATAL CARE

Role of maternal consultation centers in the prevention of various complications in pregnancy and labor. L. A. Reshetova. Vop. okh. mat. i det. 6 no. 4.82-86 Ap '61.

PREOBRAZHENSKII, IURII VENIAMINOVICH, 1897? - 1961

IUrii Veniaminovich Preobrazhenskii; obituary. Meteor. i gidrol. no. 7:56-57 Jl '61.

PRESS

(see also subdivision under Belgium; Great Britain; Iraq, Moldavia; Ukraine)

Brief news of the foreign press Sov. pech. no. 7:60 Jl '61.

Brief news. Sov. pech. no. 7:63 Jl '61.

On the eve. Sov. pech. no. 7:1-3 Jl '61.

"The press and peace." Sov. pech. no. 7:55 Jl '61.

PRESTRESSED CONCRETE

(see also subdivision under Chelyabinsk; Ukraine)

Equipment for prestressing the reinforcement of reinforced concrete piles. A. G. Volik. Transp. stroi. 11 no. 5:22-24 My '61.

Improving methods of calculating stress losses from creep and shrinkage. V. V. Mikhailov, N. A. Markarov. Bet. i zhel.-bet. no. 4:166-161 Ap '61.

Improving prestressed elements of industrial buildings and ways to prepare them. E. G Ratts, Sh IU. TSeitlin. Prom. stroi 39 no. 4.32-37 '61

Precast prestressed-concrete beams with two sloping surfaces for roofs of industrial buildings. Biul. stroi. tekh. 18 no. 4:29-30 Ap '61.

Precast prestressed-concrete segmented trusses of linear elements. Biul. stroi. tekh. 18 no. 4:21-26 Ap '61.

Preparing prestressed floors with wire-mesh reinforcement in Dnepropetrovsk. M. IU. Karchemskii, A. I. Sichevoi. Bet. i zhel.-bet. no. 4:175-177 Ap '61.

Prestressed concrete shells. S. N. Kan. Stroi. mekh. i rasch. soor. 3 no. 3:1-6 '61.

"Prestressed reinforced concrete" by N. M. Levanov. Reviewed by M. B. Remez. Bet. i zhel.-bet. no. 5:240 My '61.

Unit for electrothermal stressing of reinforcement. A. B. Topolianskii. Stroi. i arkhit. Len. 23 no. 4:40 Ap '61.

PRESTRESSED CONCRETE CONSTRUCTION see subdivision under Altai Territory

PRESSURE

High pressures and the mechanism of chemical reactions. M. G. Gonikberg. Vest. AN SSSR 31 no. 6:39-46 My '61.

PRICE REGULATION

A conference at the Faculty of Economics of Leningrad University O A Ellseeva, M. F. Solodnikov. Vest. LGU 16 no. 11:153-156 '61.

PRICES

Price and the law of value in a socialist economy. S. Pervushin. Plan. khoz. 38 no. 7:21-30 Jl '61.

PRIME NUMBERS see Numbers, Prime

PRINTING

Izrailevich, G. B. [How can defects in printing be eliminated?] Kak ustranit' nedostatki pri tipografskom pechatanii? Moskva, Gos. izd-vo "Iskusstvo," 1960. 74 p.

PRINTING (Continued)
[Main aspects of printing; a collection of translations] Osobye vidy pechatnykh rabot, sbornik perevodov. Moskva, Izd-vo inostr. lit-ry, 1960. 175 p. (Poligrafiia za rubezhom)
Quicker printing of books. IA. Kurt. NTO 3 no.6:50-51 Je '61.

PRINTING—EQUIPMENT AND SUPPLIES
Berezin, B.I. [Printing materials; textbook] Poligraficheskie materialy; uchebnik. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 560 p.

PRINTING—TECHNOLOGICAL INNOVATIONS
New developments in printing abroad Poligr. proizv. no. 5 26-30 My '61.

PRINTING INDUSTRY
Fifth Plenary Session of the Central Administration of the Scientific Technical Department for Printing and Publishing. Poligr. proizv. no. 5:3 My '61.
A typewritten copy is necessary, but of what sort? A. E. Mil'chin. Poligr. proizv. no. 5 10-11 My '61

PRINTING INDUSTRY—PRESSWORK
Pressure between rollers and cylinders on inking machines G. D. Tolstoi Poligr. proizv. no. 5:17-18 My '61

PRINTING MACHINERY AND SUPPLIES
Redesigning the friction clutch of the "TTs" machine. E. K. Trush. Poligr. proizv. no. 5.23 My '61.
Small parts made of rubber and plastic. S. F. Shimanskii. Poligr. proizv. no. 5 22-23 My '61.

PRINTING PLANTS see subdivision under Leningrad; Moscow

PRINTING PRESS
The new "BAZ-2" and "BZA-3" presses. K. V. Rosatkevich. Poligr. proizv. no. 5 19-20 My '61

PRIPET VALLEY—FISHES
Investigation of the fishes of the Pripet River Basin as bearers of the scleroma bacillus [with summary in English]. B. IA. El'bert and others. Zhur. ush., nos. i gorl. bol. 21 no. 2:39-44 Mr-Ap '61.

PRISONS
The development of Soviet corrective labor colonies [with summary in English] N. A. Beliaev Vest. LGU 16 no. 11:111-120 '61.

PRIVET
What is Ligustrum japonicum Thunb. var. coriaceum [Nois.] Mak.? F. S. Pilipenko. Bot. zhur. 46 no. 6. 872-876 Je '61.

PROBABILITIES
Conditions of continuity of stochastic processes [with summary in English]. L. V. Seregin. Teor. veroiat. i ee prim. 6 no. 1:3-30 '61.
Continualization of conditional probabilities [with summary in English]. N. N. Vorob'ev, D. K. Faddeev. Teor. veroiat. i ee prim. 6 no. 1:116-118 '61.
Determining the one-dimensional density of the distribution and moments of a random process on the output of an essentially nonlinear system [with summary in English]. E. M. Khazen. Teor. veroiat. i ee prim. 6 no. 1:130-138 '61.
Determining the probability density for random processes in systems containing nonlinearities of the piecewise linear type [with summary in English]. E. M. Khazen. Teor. veroiat. i ee prim. 6 no. 2: 234-242 '61.
Existence and uniqueness of solutions of stochastic diffusion equations. A. V. Skorokhod. Sib. mat. zhur. 2 no. 1:129-137 Ja-F '61.
"Expansion of probability laws" by IU. V. Linnik. Reviewed by B. V. Gnedenko. Teor. veroiat. i ee prim. 6 no. 4:252 '61.
Extension of the criterion of absolute invariance to objects with variable parameters [with summary in English]. O. I. Kukhtenko. Dop. AN URSR no. 4: 434-437 '61.
Missing and extra observations in analysis of variance [in English]; summary of paper given to the Seminar on the Theory of Probability, Moscow. Wm. Kruskal. Teor. veroiat. i ee prim. 6 no. 2:251 '61.
Nomogram for probability functions χ^2 [with summary in English]. S. V. Smirnov, M. K. Potapov. Teor. veroiat. i ee prim. 6 no. 1:136-140 '61.
One example of a stochastic process with mixing [with summary in English]. IU. K. Beliaev. Teor. veroiat. i ee prim. 6 no. 1:101-103 '61.
Regular multivariate stationary processes [with summary in French]. R. F. Matveev. Teor. veroiat. i ee prim. 6 no. 2:164-181 '61.
Relation between the collective concepts of Mises-Church and the normal sequence of signs according to Bernoulli [with summary in German]. L. P. Postnikova. Teor. veroiat. i ee prim. 6 no. 2:232-234 '61.
Some results associated with Bochner's theorem [with summary in English]. IU. V. Prokhorov, V. V. Sazonov. Teor. veroiat. i ee prim. 6 no. 1:87-93 '61.
Transient phenomena in branching stochastic processes with n types of particles [with summary in English]. V. P. Chistiakov. Teor. veroiat. i ee prim. 6 no. 1 31-46 '61.

PROBABILITIES—CONGRESSES
Information pertaining to the 6th Conference on Theory of Probability and Mathematical Statistics. Teor. veroiat. i ee prim. 6 no. 1:140-144 '61.

PROBLEM OF THREE BODIES
A particular case of the restricted problem of three bodies with variable masses [with summary in English]. E. P. Razbitnaia. Astron. zhur. 38 no. 3: 528-531 My-Je '61.

PROCTOSIGMOIDOSCOPY—EQUIPMENT AND SUPPLIES
Photo attachment for a rectoromanoscope. I. M. Viltanskii, V. I. Klimov Zhur. mikrobiol. epid. i immun. 31 no. 3 124-126 Mr '60.

PRODUCE TRADE
"Contracts for the sale of agricultural produce on commission" by V. F. IAkovleva. Reviewed by M. V. Gordon. Vest. LGU 16 no. 11:144-147 '61.

PRODUCTION CONTROL
The primary accounting has been mechanized. S. P. Golikov. Mashinostroitel' no. 6:9 Je '61.

PRODUCTION-LINE METHODS see Assembly-line methods

PRODUCTION STANDARDS
(see also subdivision under Azerbaijan; Germany, West)
Conference of the Coordinating Council on Problems of Labor Organization and Establishment of Work Standards in the U. S. S. R. S. Kozlovskii. Biul. nauch. inform. trud i zar. plata 4 no. 6. 52-56 '61.
From the work practice in establishing technical standards. Sots. trud 5 no 12 102-108 D '60.
Introduction of progressive standards is a stimulating factor in technological progress S. Bobrykin, M. Fishman Sots. trud 6 no 5 65-71 My '61
Methodology for developing plant time norms. M. Trugman. Sots. trud 6 no 5 81-89 My '61

PRODUCTIVITY ACCOUNTING
Gur'ianov, S. Kh. [Analyzing the fulfillment of the labor plan in an industrial enterprise] Analiz vypolneniia plana po trudu na promyshlennom predpriiatii. Moskva, Gos. izd-vo planovo-ekon. lit-ry, 1961. 75 p. (V pomoshch' propagandistam i slushateliam seti partiinogo prosveshcheniia)
Planning and accounting for labor productivity using the conditional accounting unit method at the Podol'sk Refractories Plant. A. Zhukov. Biul. nauch. inform. trud i zar. plata 4 no. 6:10-20 '61.

PROFIT SHARING
On systems of the so-called workers' "participation" in profits of capitalist enterprises. M. Moshenskii. Sots. trud 5 no 12. 32-42 D '60.

PROGRAMMING (ELECTRONIC COMPUTERS)
Gnedenko, B. V., V. S. Koroliuk, and E. L. IUshchenko. [Elements of programming] Elementy programmirovaniia. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 348 p.

PROJECTED BOOKS
Microfilm books for correspondence students. E. A. Iofis, V. I Lomakin. Vest. vys. shkoly 19 no 6. 52-53 Je '61.

PROJECTION
Kagan, V. F. [Subprojective spaces] Subproektivnye prostranstva. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 216 p. (Biblioteka russkoi nauki: Matematika, mekhanika, astronomiia)

PROJECTORS
Projector for checking low-module cutters during machining. D. N. Mikhailova. Priborostroenie no. 6: 21 Je '61.

PROLACTIN
Proteins and dry residue of human milk in the treatment of hypogalactia with prolactin. L. G. Kovtunova. Vop. okh. mat. i det. 6 no. 4:62-67 Ap '61.
Use of prolactin in late stages of hypogalactia [with summary in English]. T. E. Vogulkina, A. I. Tret'iakova. Vop. okh. mat. i det. 6 no. 4:58-61 Ap '61.

PROLETARSKAYA RESERVOIR—CARP
Morphology of carp (Cyprinus carpio L.) in Proletarskoye Reservoir. G. S. IUr'ev. Vop. ikht. 1 no. 2:243-252 '61.

PROLINE
Use of proline by certain dermatophytes and nondermatophytes. F. T. Sukhenko, E. S. Podgainaia. Izv. Sib. otd. AN SSSR no. 5:86-90 '61.

PROMETHIUM
Microionization detector for capillary gas-liquid chromatography on promethium-147 without the use of additional gas admission. IU. A. Frank, M. I. IAnovskii. Kin. i kat. 2 no. 2:292-294 Mr-Ap '61.

PROPAGANDA
[The art of the agitator; advice on methods] O masterstve agitatora; metodicheskie zametki. Moskva, Gos. izd-vo polit. lit-ry, 1960. 142 p.
Surov, V. S. [How to prepare and conduct discussions in study groups] Kak podgotovit' i provesti zaniatiia v kruzhke. Moskva, Gos. izd-vo polit. lit-ry, 1961. 61 p. (Bibliotechka propagandista no. 3)

PROPENE
Effect of polymerization catalysts on the degradation rate of isotactic polypropylene [with summary in English]. D. Ryabov, L. Balaban. Vysokom. soed. 3 no 3.470-474 Mr '61.
Formation and decomposition of hydroperoxides of atactic propylene [with summary in English] Z. Manasek and others Vysokom soed. 3 no. 7:1104-1109 Jl '61.
Oxidation of isotactic polypropylene [with summary in English]. D. Ryabov and others. Vysokom. soed 3 no 7 1110-1115 Jl '61
Ozonization of atactic polypropylene [with summary in English]. M. Lazar and others. Vysokom soed 3 no. 6:943-947 Je '61.
Preparation of pyrylium salts by bis-acylation of olefins. Report 5. Bis-acylation of di- and triisobutylene. A. T. Balaban, C. D. Nenitzescu, A. G. Nenitzescu. Izv. AN SSSR. Otd. khim. nauk no. 6:1102-1107 Je '61.
Sulfochlorination of polypropylene [with summary in English]. D. E. Il'ina, B. A. Krentsel', A. V Topchiev Vysokom. soed 3 no 7.995-999 Jl '01.
Vulcanization of ethylene and propylene copolymers. V. N. Reikh and others. Kauch. i rez. 20 no. 6:4-5 Je '61.

PROPERDIN
Determination of the properdin level with the aid of inulin and dry guinea pig complement [with summary in English]. A. M. IAkovlev, G. G. Komleva, L. D. IAkovleva. Zhur. mikrobiol. epid. i immun. 31 no. 11:58 63 N '60
Properdin and normal antibodies; review of the literature. E. V. Chernokhvostova Zhur. mikrobiol. epid. i immun. 31 no 12 74-80 D '60
Properdin system and its role in infection and immunity. Report No. 1. The production of active preparations of zymosan [with summary in English] V. D. Nikitina and others. Zhur. mikrobiol i immun. 31 no 8:12-19 Ag '60.
Properdin system and its role in infection and immunity. Part 3: Modified serological method for properdin titration [with summary in English]. E. V. Chernokhvostova and others. Zhur. mikrobiol. epid. i immun. 31 no. 11:53-58 N '60.
Properdin system in infections and various unfavorable reactions [with summary in English]. S. D. IAkovleva, P. I Remezov. Zhur. mikrobiol. epid. i immun. 31 no. 8:7-12 Ag '60.
Studies on the activity of yeast glucans in relation to the properdin system [with summary in English]. M. E. Preobrazhenskaia, V. M. Kuznetsova, E. L. Rozenfel'd. Vop. med. khim. 7 no. 2:158-163 Mr-Ap '61.

PROPERTY
Genkin, D. M. [Law of property in the U. S. S. R.] Pravo sobstvennosti v SSSR. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 222 p. (Kurs sovetskogo grazhdanskogo prava)

PROPIONIC ACID
Synthesis of α-chloroisobutyric acid. G. M. Zarubinskii. Zhur. ob. khim. 31 no. 6:1985-1986 Je '61.
Treatment of hypertension with tropaphen [with summary in English]. TS. Levina, A. I. Romanovskaia. Sov. med. 25 no. 4:67-70 Ap '61.

PROPYL ALCOHOL
Catalytic alkylation of bromobenzene with propyl alcohols M. B. Turova-Poliak, N. V. Rudenko. Zhur. ob. khim 31 no. 6:1982-1985 Je '61.

PROSKURIAKOV, BORIS VLADIMIROVICH, 1901-
Boris Vladimirovich Proskuriakov. Gidr. stroi. 31 no. 6:61 Je '61.

PROSPECTING
(see also subdivision under Georgia; Irkutsk Province)
Geological and economic classification of sections of the Karaganda coal basin and prospecting methods. M. T. Samsonov. Izv. vys. ucheb. zav.; geol. i razv. 4 no. 4:58-69 Ap '61.
Participation of topographers and geodesists in the search for mineral resources; letters to the editor Geod. i kart. no. 5:86 My '61.
Possibility of developing the drilling of blastholes and wells with annular bits. K. P. Katin. Izv. vys. ucheb. zav.; geol. i razv. 2 no. 12:140-144 '59.
Predicting the structure of some Mesozoic depressions in Transbaikalia and problems relative to methods of prospecting for hidden deposits. V. V. Aristov and others. Izv. vys. ucheb. zav.; geol. i razv. 4 no. 2 76-90 F '61.

PROSPECTING (Continued)
Regulations for awarding prizes to the administrative personnel, engineers, and employees of geological organizations Razved. i okh. nedr 26 no 2:52-54 F '60.
Results of the Conference on Hidden Mineral Prospecting in the Member Countries of the Mutual Economic Assistance Council. N. A Khrushchov Sov geol 4 no 6 141-143 Je '61
Sokolov, V. A., and IU. M. IUrovskii. [Theory and practice of mud logging] Teoriia i praktika gazovogo karotazha. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 337 p.
System of exploratory mine workings and certain principles of prospecting K F Ermolaev. Trudy Alt GMNII AN Kazakh SSR 9 78-91 '60

PROSPECTING—CONGRESSES
Scientific conference of the faculty and students of the Ordzhonikidze Geological Prospecting Institute in Moscow. Izv. vys. ucheb. zav. ;geol. i razv. 2 no. 12, 145-152 '59.

PROSPECTING—GEOPHYSICAL METHODS
(see also subdivision under Siberia, Eastern; Ukraine)
First results of the combined use of geophysical methods of direct prospecting for diamond deposits in the Yakut A S S. R V. M. Bondarenko, O. A. Demidovich, A. G. Tarkhov. Izv. vys. ucheb. zav., geol. i razv. 4 no. 2 118-132 F '61.
Using geophysical methods for studying buried narrow valleys in rocks V. S. Polevoi Biul MOIP Otd geol. 34 no 5 160-161 S-O '59
Using the Monte Carlo method in solving theoretical problems of geophysical prospecting. A E. Kulinkovich. Izv. vys. ucheb. zav., geol. i razv. 4 no 4 111-116 Ap '61

PROSPECTING—SAFETY MEASURES
Improve working conditions. F. F. Kazarinov. Razved. i okh. nedr 26 no. 2:49-51 F '60

PROSTITUTION see subdivision under Japan

PROTEASE
Glucopeptides liberated by proteases from egg albumin [with summary in French] E. D. Kaverzneva, TSI De-fan [Ch'i Tieh-fang] Biokhimiia 26 no. 3 420-425 My-Je '61.

PROTECTIVE ATMOSPHERES
New nozzles for gas-arc cutting of metals. I.V.Varlamov. Svar. proizv. no. 7:34-35 Jl '61.
Smirnov, A. V., and L. V. Beloruchev. [Controlled atmospheres and their use for the heat treatment and case hardening of metals, a survey] Kontroliruemye atmosfery i ikh primenenie dlia termicheskoi i khimiko-termicheskoi obrabotki metallov, obzor. Leningrad, 1960. 74 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Seriia: Metallovedenie i termicheskaia obrabotka)

PROTECTIVE COATINGS
Coating the surface of concrete with "etinol" lacquer. E.M.Krasnitskaia, O.A.Vereshchagin-IAnko. Lakokras. mat. i ikh prim. no. 3:61-62 '61.
Effect of preliminary chemical and heat treatment of iron and steel on their interaction with liquid zinc. D. IA. Gluskin. Metalloved. i term. obr. met. no. 3: 35-40 Mr '61.
Elchis, A. P. [Crystallit; protective and decorative metal coating] Kristallit; zashchitno-dekorativnoe pokrytie metallov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 142 p.
Electrochemical methods for the determination of the passivation properties of pigments in lacquer-paint coatings. I. L. Rozenfel'd and others. Lakokras. mat. i ikh prim no. 3:50-55 '61.
Increasing the tank capacity of an anticorrosive coating machine. Z. P. Baklan, V. I. IAkovenko. Stroi. truboprov. 6 no. 4:23 Ap '61.
Leningradskii dom nauchno-tekhnicheskoi propagandy. [Nonmetallic chemically-resistant coatings for equipment and structures in electroplating shops] Nemetallicheskie khimicheskt stoikie pokrytiia apparatury i stroitel'nykh konstruktsii gal'vanicheskikh tsekhov. Leningrad, 1952. 15 p. (Informatsionno-tekhnicheskii listok, no. 94(435))
More specific recommendations on the application of paint materials for the protection of items used under tropical climate conditions. Lakokras. mat. i ikh prim. no. 3: 45-49 '61.
Nikitina, O. A. [Protection of nonferrous metals from corrosion] Zashchita tsvetnykh metallov ot korrozii. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1960. 78 p. (Khimiia v promyshlennosti)
Oxidizing and phosphate coating of metals. A.M.IAmpol'skii. Mashinostroitel' no. 6:27-29 Je '61.
Photochemical degradation of nitrocellulose films. Report No. 2: Effect of oil-containing components on the photochemical degradation of cellulose nitrates in paint chatings. A. I. Plyplina, IA. L. Raskin, Z. A. Rogovin. Lakokras. mat. i ikh prom. no. 3:8-11 '61.
Polyethylene coating of metallic containers. Spirt. prom. 27 no. 4:41-43 '61.
Protective coverings for metal molds. N. I. Goriachev. Stroi. i arkhit. Len. 23 no. 6:38-39 Je '61.
Socialist obligations of the All-Union Production Office "Lakokraspokrytie" and of the Scientific Research Institute of the Technology of Protective Coatings at the eve of the 22d Congress of the CPSU. A. D. Kazin Lakokras. mat. i ikh prim. no. 3:1-2 '61.
Water-soluble paint materials for high-temperature drying (from "Oil Colour Chem. Assoc," no. 2, 1961) K. P. Belianeva. Lakokras. mat i ikh prim. no. 3:80-85 '61
Wire rope coatings [from "Die Technik", no. 4, 1955; "Draht-Welt", no. 8, 1959]. Gor. zhur. no. 6:54-56 Je '61.

PROTECTIVE COATINGS—DRYING
Calculation of the conditions for drying coatings by infrared rays. L. L. Pavlovskii. Lakokras. mat. i ikh prim. no. 3 43-45 '61.

PROTECTIVE COATINGS—TESTING
Apparatus for studying the stability of lacquer-paint coatings in sea water. R G. Gadzhieva, L N. Zemskova, G. B. Mirzoev. Lakokras. mat. i ikh prim. no. 3:58-57 '61.
Camera for testing the resistance of paint coatings to the action of sulfur dioxide. M. I. Karlakina, S. V. IAkubovich. Lakokras. mat. i ikh prim. no. 3:58 '61.
Control of protective coatings. V. I. Sgibneva. Mashinostroitel' no. 6:45-46 Je '61.

PROTEIN METABOLISM
Aging of the organism at the molecular level. Zh. A. Medvedev. Usp. sovr. biol. 52 no. 3, 299-318 My-Je '61.
Histochemical study of proteins, nucleic acids, and polysaccharides in diffuse and nodular goiter in thyrotoxicosis. V. B. Zolotarevskii. Arkh pat. 23 no 5:40-46 '61.
Intensity of synthesis of proteins of the body during the induction phase of the formation of typhoid agglutinins [with summary in English]. I. IA. Uchitel', E. L. Khasman, A. S. Konikova Zhur. mikrobiol. epid. i immun. 32 no. 1:17-22 Ja '61.
Modification of skin proteins after thermal burns [with summary in English]. V. V. Oppel'. Vop. med. khim. 7 no. 2:172-178 Mr-Ap '61.
Some cytological features of the nuclear type of cell protein synthesis exemplified in a study of the ganglionic neuron of the retina. V. IA. Brodskii. TSitologiia 3 no. 3:312-326 My-Je '61.

PROTEINASE
Effect of the products of protein splitting in a culture medium on toxin formation Report No. 2: Antigenic and immunogenic properties of diphtheria toxins (toxoids) obtained on a medium, digested by two enzymes, during culture of the Weisensee strain [with summary in English]. P. V Pavlov, A. G. Leonova Zhur mikrobiol. epid i immun. 32 no 1:95-99 Ja '61.

PROTEINS
Agar-gel electrophoretic study of soluble cytoplasmic and nuclear proteins of the liver and transplanted hepatoma of rats [with summary in English]. T. K Nikolov, A. A. Khadzhiolov. Biokhimiia 26 no. 3 523-529 My-Je '61.
C-reactive protein and fibrinogen in the blood in patients with myocardial infarct [with summary in English]. G. A. Rasvskaia. Sov. med. 25 no. 4:16-22 Ap '61.
Detection of C-reative protein in leprosy [with summary in English]. E. N. Kobakov. Zhur. mikrobiol. epid. i immun. 32 no. 3:48-54 Mr '61.
Determination of C-reactive proteins in Botkin's disease [with summary in English]. L. A. Shmerling, P. M. Pashinin. Zhur. mikrobiol. epid. i immun. 32 no. 3: 54-60 Mr '61.
Distribution of carboxyl and sulfhydryl groups of proteins in the spleen tissue of mice under normal conditions and after irradiation. M. S Konstantinova. TSitologiia 3 no 3:293-299 My-Je '61.
Effect of special diet and its individual components (proteins and carbohydrates) on myocardial function according to data from electrocardiograms of patients with coronary insufficiency [with summary in English]. V. A. Morozova. Vop. pit. 20 no. 3:18-22 My-Je '61.
Experimental apparatus for the irradiation of protein solutions by microwaves. A. S. Presman. Biofizika 6 no. 3:370-371 '61.
Feeding proteins to dairy cows in summer. A. D. Obukhova. Dokl TSKhA no. 61:78-84 '61.
Inclusion of phenylalanine-C^{14} into proteins of transplanted animal tumors [with summary in English]. Pan' Tsi-tsao [P'an Ch'i-ts'ao]. Vop. med. khim. 7 no. 2:149-154 Mr-Ap '61.
Mineral composition of certain species of fish and verification of the relationship between the mineral and protein content [with summary in English]. E. N. Vasil'eva, N. E. Diubiuk, T. D. Lychnikova. Vop. pit. 20 no. 2:54-59 Mr-Ap '61.
Orekhovich, V. N. [Processes involved in the inclusion of amino acids into proteins in vivo and in vitro] Issledovanie protsessov vkliuchenila aminokislot v belki in vivo i in vitro, Moskva, 1955. 9 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)
Possible mechanisms of energy migration in the protein molecule [with summary in English]. IU. A. Vladimirov, S. V. Konev. Biofizika 4 no. 5:533-540 '59.
Precursors of milk proteins and their biosynthesis. V. G. IAkovlev Izv. AN Kir SSR Ser. biol nauk 2 no 5 5-28 '60.
Quantitative changes in the protein fractions of phylloxera-infested grape roots. V. V. Zotov, T. I. Sokolovskaia. Biokhim. pl. i ovoshch. no. 6 86-89 '61.
Separation of brain proteins by paper electrophoresis [with summary in English]. P. F. Minaev, A. I. Chukhrova Ukr. biokhim. zhur. 33 no. 3 431-435 '61.
Significance of C-reactive protein in the differential diagnosis of stenocardia and myocardial infarct M K Kul'matov, U. K. Vakhabova. Med zhur. Uzb no. 5 57-59 My '61.

PROTEUS
Change in the properties of Proteus under the influence of antibiotics Report No 3 Comparative study of the properties of various forms of Proteus following synthomycin therapy for associated purulent infection Kh. A. Kutdusova Zhur. mikrobiol epid i immun 31 no 12, 101-102 D '60
Dynamics of change in the oxidation-reduction potential and pH in media of pure and mixed cultures Report No 2 Changes in the oxidation-reduction potential and pH in media of pure and mixed cultures of Proteus, Staphylococcus aureus and Bacillus pyocyaneus [with summary in English]. M. G. Gimranov. Zhur. mikrobiol epid. i immun 32 no 4 92-98 Ap '61.
Sensitivity of Proteus to some combinations of antibiotics [with summary in English] M. Z. Gubaidullina. Zhur. mikrobiol. epid. i immun 31 no 12 80-84 D '60.

PROTHROMBIN
Apparatus for the determination of blood "prothrombin time". M. A. Ukolova. Fiziol. zhur. 47 no 4:517-520 Ap '61.

PROTONS
Diffusion and electrolytic migration of P^{32} in KCl crystals irradiated with 660 Mev. protons. A N. Murin and others. Fiz. tver. tela 3 no. 2:398-407 F '61.
Investigating the short-period isomer activities produced by irradiation of Ga, Ge, and As nuclei with 19 2 Mev. protons [with summary in English] A. M. Morozov. Zhur. eksp. i teor. fiz. 40 no. 1 101-104 Ja '61
Polarization effects in the scattering of μ-mesons on protons [with summary in English] G. V. Frolov. Zhur. eksp. i teor fiz. 40 no. 1:290-297 Ja '61.

PROTOPLASM
Changes in the viscosity of the protoplasm of evergreens within a year depending on their winter hardiness N M Sharashidze. Izv. Bat. bot sada no. 8 199-203 '57

PROTOPOPOV, ALEKSANDR PETROVICH, 1880-1959
Aleksandr Petrovich Protopopov, 1880-1959. V. I. Pelevin. Vop. geog. no. 51:192-193 '61.

PROTOZOA
"Problems of cytology and protistology; a collection of works." Reviewed by E. K Zhukov, Z. S. Katsnel'son. TSitologiia 3 no. 3:366-370 My-Je '61

PROTOZOA, PATHOGENIC see subdivision under Soviet Central Asia

PRUNING
Sokolov, B. V. [Pruning fruit trees] Obrezka plodovykh derev'ev. Kishinev, Gos. izd-vo "Kartia moldovenisko," 1961. 52 p. (Biblioteka plodovoda Moldavii)
(DA)

PRURITIS
Investigation of pathophysiological pruritis [with summary in French]. A S. Dyshko. Sbor. nauch rab. po lepr. i derm. no. 13:62-62 '59
Investigation of pruritis in lesions of the peripheral part of the skin analyzer in leprosy patients [with summary in French]. A. S Dyshko. Sbor. nauch. rab. po lepr. i derm. no. 13:63-70 '59.
Investigation of the sensation of pruritis in lesions affecting the pathways of the spinal cord [with summary in French]. A. S. Dyshko. Sbor. nauch. rab. po lepr. i derm. no. 13:71-77 '59.
Study of the sensation of pruritis by means of conditioned reflexes [with summary in French]. A. S Dyshko. Sbor. nauch. rab. po lepr. i derm. no. 13:78-86 '59.

PSEUDOMONAS
Dynamics of change in the oxidation-reduction potential and pH in media of pure and mixed cultures. Report No. 2: Changes in the oxidation-reduction potential and pH in media of pure and mixed cultures of Proteus, Staphylococcus aureus and Bacillus pyocyaneus [with summary in English]. M. G. Gimranov. Zhur. mikrobiol epid. i immun. 32 no. 4:92-98 Ap '61.

PSHEKHA RIVER (CAUCASUS, NORTHERN)—FLOODS
A peninsula-trap. O. Chistovskii. Vokrug sveta no. 6: 58 Je '61.

PSKEM VALLEY—FELDSPAR
Genesis of quartz-feldspar veins in Maydantal. V. S. Polykovskii. Izv. vys. ucheb. zav.; geol. i razv. 4 no. 5:71-80 My '61.

PSEUDOMORPHS — QUARTZ

[illegible]

PSKOV PROVINCE — CONSTRUCTION INDUSTRY

[illegible]

PSKOV PROVINCE — STATISTICS

Pskov (Province) [illegible] [Economy of Pskov Province; statistical collection] [illegible] 1960. [illegible] p.

PSORIASIS

[illegible]

PSYCHOLOGICAL APPARATUS

[illegible]

PSYCHOLOGY

(see also subdivision under Armenia)

[illegible]

PSYCHOLOGY — BIBLIOGRAPHY see Bibliography — Psychology

PSYCHOLOGY — PERIODICALS see subdivision under Hungary

PSYCHOLOGY, INDUSTRIAL

[illegible]

PSYCHOLOGY, MILITARY

[illegible]

PSYCHOLOGY, PHYSIOLOGICAL

[illegible]

PSYCHOLOGY OF LEARNING see Learning, Psychology of

PSYCHOTHERAPY

[illegible]

PTEROPODA

[illegible]

PUBLIC BUILDINGS

(see also subdivision under [illegible])

Social role and trends in the development of models for community buildings. [illegible] Arkhit. SSSR no. [illegible] '61.

Variants of new model buildings for stores and cafe [illegible] Arkhit. SSSR no. [illegible] '61.

PUBLIC BUILDINGS — FURNITURE, EQUIPMENT, ETC.

[illegible] [Collection of budget standards for expenses and standard sets of equipment and supplies for the interior appointments of public and cultural buildings] [illegible] Moscow, [illegible] materials.

Vol. 1. [Administrative and cultural buildings, preschool and school buildings, higher and secondary special education schools] [illegible] 1961. 204 p.

Vol. 2. [Buildings for the growth and protection of health and community buildings] [illegible] 1961. 192 p.

PUBLIC BUILDINGS — HEATING AND VENTILATION

[illegible]

PUBLIC HEALTH

(see also subdivision under Armenia; Arkhangel, Czechoslovakia, Donets Basin, Germany, Italy; Krasnoyarsk Territory, Kursk Province; Lithuania; [illegible], Tajikistan, Vyborg District, White Russia)

Conference on problems of sanitary protection of the frontiers. [illegible] Zdrav. Tadzh. [illegible] Mr-Je '61.

PUBLIC HEALTH [illegible]

public health

PUBLIC HEALTH [illegible]

[illegible]

PUBLIC HEALTH [illegible]

[illegible]

PUBLIC HEALTH [illegible]

[illegible]

PUBLIC HEALTH [illegible]

[illegible]

PUBLIC PUBLICATIONS [illegible]

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PUBLIC PUBLICATIONS [illegible]

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PUBLIC OPINION POLLS

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PUBLIC RELATIONS [illegible]

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PUCK [illegible]

[illegible]

PUDDLE [illegible]

[illegible]

PULEGONE

[illegible]

PULLEY

[illegible]

PULMONARY ARTERY [illegible]

[illegible]

PULMONARY VALVE

[illegible]

PULSE

[illegible]

PUPIL (EYE)
Scanning pupillograph. A. R. Shakhnovich, V. R. Shakhnovich. Vop. neirokhir. 25 no 2 57-59 Mr-Ap '61

PUPPETS AND PUPPET PLAYS see subdivision under Moscow

PURGATIVES
Results obtained from investigating the laxative effect of certain preparations on animals of the Felidae family. T. E. Burdelev. Dokl. TSKhA no 61 249-252 '61

PURINES
Condensed polymethylene derivatives of heterocycles based on lactams. Part 5. Synthesis of 6, 9-tri- and tetramethylene purines. R. G. Glushkov, O. Iu. Magidson. Zhur. ob. khim. 31 no. 6:1906-1912 Je '61

PURPURA (PATHOLOGY)
Effectiveness of splenectomy in Werlhof's disease [with summary in English, p. 61]. D. M. Grozdov. Probl. gemat. i perel. krovi. 5 no. 1:9-13 Ja '60

Hematopoiesis in children with Werlhof's disease immediately after operation [with summary in English, p. 62]. G. I. Stepanova. Probl. gemat. i perel. krovi. 5 no. 1:36-37 Ja '60

Immediate and late results of splenectomy in Werlhof's disease [with summary in English, p. 62]. A. G. Miasnikova. Probl. gemat. i perel. krovi. 5 no. 1:35-36 Ja '60

Indications and contraindications for splenectomy in Werlhof's disease, hemolytic jaundice, the splenomegalic form of liver cirrhosis, and in thrombophlebitis splenomegaly [with summary in English, p. 61]. S. I. Sherman, A. I. Blinova. Probl. gemat. i perel. krovi. 5 no. 1:14-17 Ja '60

Specific type of hemorrhagic capillary toxicosis. A. G. Bobkov. Arkh. pat. 23 no. 4:85-87 '61

Splenectomy in children with Werlhof's disease and familial hemolytic anemia [with summary in English, p. 62]. S. D. Ternovskii. Probl. gemat. i perel. krovi. 5 no. 1:25-26 Ja '60

Splenectomy in the acute stage of Werlhof's disease in children [with summary in English]. N. I. Stepanova. Vop. okh. mat. i det. 6 no. 4:14-16 Ap '61.

PUSHKIN, ALEKSANDR SERGEEVICH, 1799-1837
The influence of A. S. Pushkin's tale "The stationmaster" on F. M. Dostoevskii's novel "Poor folk." I. V. Ivan'o. Dosl. z lit. ta mov. no. 1:49-60 '60.

Pushkin as a writer and his time ("Pushkin and his epoch" by B. Meilakh. Reviewed by G. Makogonenko). Vop. lit. no. 11:144-154 N '59.

PYRAN
Catalytic conversions of heterocyclic compounds. Part 57: Conversion of 2-alkyltetrahydropyrans to 2-alkylpentamethylene sulfides. Iu. K. Iur'ev, O. M. Re.enko. Zhur. ob. khim. 31 no. 6:1883-1885 Je '61.

PYRANONE
Diketone condensation of α,α-dimethyltetrahydro-γ-pyrone with formaldehyde. M. N. Tilichenko. Izv. vys. ucheb. zav.; khim. i khim. tekh. 4 no. 1:96-98 '61.

PYRAZOLE
Pyrazoles. Part 17: Friedel-Crafts reactions in the pyrazole series. I. I. Grandberg and others. Zhur. ob. khim. 31 no. 6:1887-1892 Je '61

Study of pyrazoles. Report No. 21: Biological activity of pyrazole derivatives. I. I. Granberg and others. Vest. Mosk. un. Ser. 6: Biol., pochv. 16 no. 3:27-34 My-Je '61.

PYRAZOLIDINEDIONE
Production and analysis of a sterile solution of butadione. I. R. Hnidets', L. P. Vorobiova, L. A. Sendziuk. Farmatsev. zhur. 16 no. 3:35-39 '61.

Treatment of rheumatic fever with butadione. E. I. Sedykina. Zdravookhranenie. 2 no. 1:28-32 Ja-Ag '59.

PYRAZOLINE
Pyrazoles. Part 18: Dehydrogenation of 3-hydroxy- and 3-aminopyrazolines with sulfur. I. I. Grandberg and others. Zhur. ob. khim. 31 no. 6:1892-1896 Je '61

PYRIDINETRICARBOXYLIC ACID
Use of nikodine. L. E. Beletskaia. Med. zhur. Uzb. no. 5:58-60 My '61

PYRIDOXINE
Determination of pyridoxine by the microbiological method. A. I. Beliaeva, I. A. Averina. Lab. delo. 7 no. 7:22-23 Jl '61.

On human requirements of vitamin B_6. V. V. Efremov. Vop. pit. 20 no. 3:82-86 My-Je '61.

PYRIMIDINES
Effect of certain pyrimidine derivatives on the survival of animals under closed conditions. N. M. Mikhailova. Farm. i toks. 24 no. 2:203-204 Mr-Ap '61.

PYRITES
(see also subdivision under Caucasus; Karabakh Range; Mugodzhar Hills; Tubinskiy region, Ural Mountain region; Ural Mountains)

Modulus of elasticity of pyrite. K. S. Aleksandrov, T. V. Ryzhova. Izv. Sib. otd. AN SSSR no. 6:43-47 '61.

PYROCHLORE
Rare earth composition in pyrochlores from massifs of ultrabasic-alkaline rocks and carbonatites [with summary in English]. L. S. Borodin, R. L. Barinskii. Geokhimiia no. 6:486-492 '61.

PYROLYSIS
Using the L. P. Krylova's method of dry combustion in determining the organic carbon in sea water. B. A. Skopintsev, S. N. Timofeeva. Gidrokhim. mat. 32: 153-164 '61

PYROPHOSPHATASE
Adenosinetriphosphatase and pyrophosphatase activity of E. coli under the influence of certain antibacterial substances [with summary in English]. M. F. Khanina. Antibiotiki. 5 no. 3:68-72 My-Je '60.

PYROXENITE see subdivision under Ural Mountains

PYRROLIDINONE
Copolymerization of vinylpyrrolidinone and vinylcaprolactam with dimethylvinylethynylcarbinol [with summary in English]. M. F. Shostakovskii, F. P. Sidel'kovskaia, F. Ibragimov. Vysokom. soed. 3 no. 7:976-979 Jl '61.

PYRUVALDEHYDE
Reactivation of cholinesterase and experimental treatment of mercaptophos poisoning. Iu. S. Kagan. Pat. fiziol. i eksp. terap. 5 no. 1:63-65 Ja-F '61.

PYSHMA VALLEY—FOREST ECOLOGY
Types of forest stands in the Pyshma pine forests of the Tugulym Forestry District. N. T. Kartavenko. Trudy Inst. biol. UFAN SSSR no. 14:23-37 '60

PYSHNOV, VLADIMIR SERGEEVICH, 1901-
Sixtieth birthday of V. S. Pyshnov. V. F. Bolotnikov. Vest. Vozd. Fl. no. 3:64-69 '61

Q FEVER
Attenuated variant "M" of Rickettsia burneti as a possible live vaccine against Q fever. V. A. Genig. Vest. AMN SSSR. 15 no. 2:46-57 '60.

Role of birds in the epidemiology of Q fever [with summary in English]. I. V. Tarasevich, S. M. Kulagin. Zhur. mikrobiol. epid. i immun. 32 no. 5:26-30 My '61.

QUACK GRASS
Conditions necessary for the formation of rhizomes in the awnless brome grass and quack grass. A. A. Shchibri. Biul. MOIP. Otd. biol. 66 no. 3:149-150 My-Je '61.

QUADRILATERALS
Effective method for determining the constant of the Christoffel-Schwarz integral for an arbitrary quadrangle [with summary in English]. P. F. Fil'chakov. Dop. AN URSR no. 4:409-414 '61.

QUALITY CONTROL see subdivision under United States

QUALITY CONTROL—EQUIPMENT AND SUPPLIES
Automatic machines for checking and sorting parts in mass production. Z. L. Tubenshlak. Biul. tekh.-ekon. inform. no. 6:38-42 '61

QUANTUM FIELD THEORY
Mandelstam representation in perturbation theory for an anomalous mass relation [with summary in English]. V. N. Gribov, M. V. Terent'ev, K. A. Ter-Martirosian. Zhur. eksp. i teor. fiz. 40 no. 1:337-340 Ja '61.

QUANTUM THEORY
Exact solution of basic equations of the cascade theory [with summary in English]. V. S. Synakh. Zhur. eksp. i teor. fiz. 40 no. 1:194-198 Ja '61.

Polarization correlations in the formation of an electron-positron pair by a gamma-quantum. B. K. Kerimov, I. M. Nadzhafov. Vest. Mosk. un. Ser. 3: Fiz., astron. 16 no. 2:41-53 Mr-Ap '61.

Transformations of an inhomogeneous Lorentz group and relativistic kinematics of polarized states [with summary in English]. V. I. Ritus. Zhur. eksp. i teor. fiz. 50 no. 1:352-364 Ja '61

"Winter school" of theoretical physics. A. A. Gusev. Vest. AN SSSR. 31 no. 5:114-116 My '61

QUARRIES AND QUARRYING
(see also subdivision under Rovno Province)

Securing the minimal yield of oversized ore in granite quarries. N. I. Zub. Gor. zhur. no. 6:35-37 Je '61.

QUARTZ
(see also subdivision under Pakem Valley)

Rare element content of quartz [with summary in English]. O. D. Stavrov. Geokhimiia no. 6:508-514 '61.

Role of the structural factor in the formation of various types of quartz-wolframite deposits. E. P. Malinovskii. Geol. rud. mestorozh. no. 3:84-88 My-Je '61.

QUARTZ-OSCILLATORS see Oscillators, Crystal

QUARTZITE see subdivision under Srednnyy Range

QUATAR—ECONOMIC CONDITIONS
Myth of "Heaven on earth" [with English summary in insert]. V. Bodianskii. Az. i Afr. seg. no. 5:11 My '61

QUESTIONNAIRES
What do you think about your generation and its problems? Vokrug sveta no. 7:2 Jl '61

QUEUING THEORY
Some queuing problems with restrictions [with summary in English]. I. N. Kovalenko. Teor. veroiat. i ee prim. 6 no. 4:222-228 '61.

QUINACRINE
Treatment of trichomoniasis in cattle with aminoacrichine. A. A. Kovalev. Visnyk silhosp. nauky. 4 no. 7:81-84 Jl '61.

QUINACRINE—TOXICOLOGY
Complications during acrichine therapy for children with lambliasis. E. I. Vasilenova. Sov. med. 25 no. 5:137-138 My '61.

QUINOLINE
Mechanism of the action of salsoline on urination [with summary in English]. B. A. Pakhmurnyi. Farm. i toks. 24 no. 2:204-207 Mr-Ap '61.

Resochin in a paroxysmal form of fibrillation arrhythmia and extrasystole. A. V. Sumarokov. Sov. med. 25 no. 4: 131-133 Ap '61.

QUINONE
Polymers with a conjugated system of bonds and heteroatoms in the conjugation chain. Part 12. Preparation and properties of some polyaminoquinones [with summary in English]. V. P. Parini and others. Vysokom. soed. 3 no. 3:402-407 Mr '61.

QUINOXALINE
Synthesis of phosphinic acid esters containing heterocyclic radicals. Report 7: Phosphinic acid esters with mono- and di-oxidoquinoxaline radicals. B. A. Arbuzov, V. M. Zoroastrova, I. A. Antokhina. Izv. AN SSSR, Otd. khim. nauk no. 6:1016-1022 Je '61.

QUINUCLIDINE
Aceclidine, a new preparation for the treatment of postoperative atony of the intestines and urinary bladder. K. A. Zaitseva, M. D. Mashkovskii. Med. prom. 15 no. 5:42-44 My '61.

RABBITS
On so-called "leporiden" [with summary in English]. V. D. Treus, E. P. Steklenev. Zool. zhur. 10 no. 6: 945-947 Je '61

RABIES
Incidence of rabies and its prevention in the R. S. F. S. R. M. A. Bustaev, N. G. Mishchenko. Zhur. mikrobiol. epid. i immun. 31 no. 12:107-109 D '60

Lyophilized phenol antirabies vaccine for use in medical practice [with summary in English]. M. A. Selimov and others. Zhur. mikrobiol. epid. i immun. 32 no. 5: 46-50 My '61

Meningoencephalitis following inoculation for rabies. M. O. Kolker. Zdravookhranenie. 2 no. 1:55-60 Jl-Ag '59.

Practical observations on the effectiveness of the use of antirabies gamma globulin in severe bites by a rabid wolf; author's abstract. F. Chun-sium [Chiung-hsun F.]. Zhur. mikrobiol. epid. i immun. 32 no. 1:141-142 Ja '61.

Role of wild animals in the spread of rabies. A. I. Kononov. Zhur. mikrobiol. epid. i immun. 31 no. 12:102-103 D '60

Use of an indirect fluorescent antibody method in the detection of the rabies virus [with summary in English]. K. A. Toplonitnova. Vop. virus. 6 no. 2:174-177 Mr-Ap '61.

RADAR
Belotserkovskii, G. B. [Radar apparatus] Radiolokatsionnye ustroistva. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1961. 431 p.

Fal'kovich, S. E. [Reception of radar signals in the presence of fluctuational background noise] Priem radiolokatsionnykh signalov na fone fluktuatsionnykh pomekh. Moskva, Izd-vo "Sovetskoe radio," 1961. 310 p.

RADAR IN ASTRONOMY
Certain and random detection of unstable meteor trails. E. L. Fialko. Radiotekhnika 16 no. 6:24-33 Je '61.

Fialko, E. L. [Radar methods for observing meteors] Radiolokatsionnye metody nabliudeniia meteorov. Moskva, Izd-vo "Sovetskoe radio," 1961. 111 p.

RADAR IN NAVIGATION
Biriukovich, M. M., and M. IA. Bukshpun. ["Don" shipboard radar station] Sudovaia radiolokatsionnaia stantsiia "Don." Moskva, Morskoi transport, 1961. 107 p.

Combined maneuvering based on radar information. I. Bukhanovskii, O. Mitrofanov. Mor. flot. 21 no. 2: 16-18 F '61.

Extension indicator of the radar station "Don." L. Blaivas, E. Seider, V. Pushchenko. Mor. flot. 21 no. 6:18-19 Je '61

RADAR IN NAVIGATION (Continued)

"Practical manual on the use of ship radar systems for navigation and prevention of ship collisions in high seas" by M. N. Malakslanov and others. Reviewed by IU. Kanunnikov. Mor. flot 21 no. 2:46-47 F '61.

Use of ship radar equipment for determining the compactness of ice masses. I. Demin. Mor. flot 21 no. 2: 12-14 Mr '61.

RADIANT HEATING see subdivision under Ukraine

RADIATION

Dolin, P. I., and B. V. Ershler. [Radiolysis of water in the presence of H_2 and O_2 caused by reactor radiation, fission fragments, and X rays] Radioliz vody v prisutstvii H_2 i O_2 pod deistviem izluchenila reaktora, oskolkov delenila i rentgenovskogo izluchenila. Moskva, 1955. 30 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Electron paramagnetic resonance study of the transfer of energy to aromatic groups during the radiolysis of certain organic compounds. IU. N. Molin and others Kin i kat. 2 no. 2:192-196 Mr-Ap '61

Ionizing radiation damage to polystyrene [with summary in English] E. E. Baronl Vysokom soed. 3 no. 7 960-965 Jl '61

Konobeevskii, S. T., N. F. Pravdiuk, and V. I. Kutaitsev. [Effect of radiation on the structure and properties of fissionable materials] Vliianie obluchenila na strukturu i svoistva delliashchikhsia materialov. Moskva, 1955. 14 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

RADIATION—MEASUREMENT

Manufacturing α- and β-sources for the graduation of dosimetric apparatus P. N. Vlluhov, K. S. Honcharov, V. S. Dementii Ukr. fiz. zhur. 6 no. 2 284 Mr-Ap '61.

RADIATION—PHYSIOLOGICAL EFFECT

Acquisition of resistance to radioactivity by a microbe cell kept in a medium with a high natural radiation level [with summary in English] P. N. Kiselev and others Mikrobiologiia 30 no. 2-207-213 Mr-Ap '61.

Effect of ionizing radiation on acetylcholine metabolism in Macaca rhesus [with summary in English] N. N. Demin, N. V. Korneeva, V. A. Shaternikov Biokhimiia 26 no. 3 494-498 My-Je '61

Effect of sublethal doses of ionizing radiation on the morphological and biological properties of staphylococcus. D. K. Vedibeda. Zhur. mikrobiol. epid. i immun 32 no. 4 142-143 Ap '61

Estimating the effect of radiation on human heredity by taking into account chromosomal diseases. V. P. Efroimson. Biul. MOIP. Otd. biol. 66 no. 3-150-152 My-Je '61.

Lebedinskii, A. V. [Influence of ionizing radiation on the animal organism, as revealed by studies of Soviet investigators] O vliianii ioniziruiushchego izluchenila na organizm zhivotnogo; po dannym rabot sovetskikh issledovatelei. Moskva, 1955. 35 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Mechanism of the effect of ionizing rays on the course of labor. N. A. Kalinina. Akush i gin. 37 no 1:53-56 '61

Pigalov, I. A. [Some problems of immunity following the action of ionizing radiation on the body] Nekotorye voprosy immuniteta pri vozdeistvii na organizm ioniziruiushchei radiatsii. Moskva, 1955. 19 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Studies on the structure of colonies of a radiation highly active mutant of Actinomyces streptomycini Kras [with summary in English] A. A. Prokof'eva-Bel'govskaia, Z. B. Shamina Mikrobiologiia 30 no. 2 203-206 Mr-Ap '61.

RADIATION PROTECTION

Characteristics of the effect of radiation of Ehrlich's ascitic carcinoma with reference to the problem of protection [with summary in English] E. N. Tolkacheva. Biofizika 4 no. 5:567-573 '59.

Protective action of certain inhibitors of chain oxidative processes in acute radiation sickness [with summary in English] O. A. Horodets'kyi, V. A. Baraboi, V. P. Cherneis'kyi. Dop. AN URSR no. 6:812-815 '61.

RADIATION SICKNESS

Changes in alkaline reserve and carbonic dehydrogenase activity of the blood in acute radiation sickness. K. V. Ivanov, A. I. Dmitriev. Pat. fiziol. eksp. terap. 5 no. 3: 73-74 My-Je '61.

Closing of a penetrating defect of the stomach wall with an autotransplant following combined radiation injury under experimental conditions. N. V. Stankevich Zdrav. Bel. 7 no. 5. 26-30 My '61.

Combined use of bicillin, dihydrostreptomycin, and oxytetracycline in the treatment of acute radiation sickness [with summary in English]. M. IA. Chaikovskaia, G. E. Vaisberg. Antibiotiki 5 no. 3:36-38 My-Je '60.

Effect of certain complex compounds of cobalt and the vitamin B complex on the peripheral blood in radiation sickness under experimental conditions [with summary in English] M. F. Runova. Farm. i toks. 24 no. 2:191-197 Mr-Ap '61.

"Problems in the pathogenesis, experimental treatment, and prevention of radiation sickness." Reviewed by D. Grodzenskii. Pat. fiziol. i eksp. terap 5 no. 3 94-96 My-Je '61.

Protective effect of preliminary vaccination on antibody formation following total-body X-ray irradiation [with summary in English]. M. I. Ravich-Shcherbo, L. G. Prokopenko Zhur. mikrobiol epid i immun 31 no. 12 68-74 D '60

Transplantation of the bone marrow in radiation injuries; survey of the literature. IU. M. Zaretskaia and others. Vest. AMN SSSR 15 no. 2:63-72 '60

RADIATION SICKNESS—CONGRESSES

Conference on the problem of acute radiation sickness. L. G. Raitgauz. Vest. AMN SSSR 15 no. 2:89-94 '60.

RADIATION STERILIZATION

Use of ionizing radiation in sterilizing tetanus anatoxin Report No. 2 [with summary in English]. I. M. Goncharenko Zhur. mikrobiol epid i immun 32 no. 5 97-100 My '61

RADICALS (CHEMISTRY)

Effect of free radicals on the polymerization of ethylene Part 2. Polymerization of ethylene in the presence of benzene in the above-critical state of the system solvent - monomer [with summary in English] S. G. Liubetskii, B. A. Dolgoplosk, B. L. Erusalimskii. Vysokom soed. 3 no. 7 1000-1002 Jl '61.

Free radical reactions in irradiated polytetrafluoroethylene. Part 3: Recombination of alkyl fluorides and peroxide radicals [with summary in English] IU. D. TSvetkov, IA. S. Lebedev, V. V. Voevodskii Vysokom soed. 3 no. 6:882-890 Je '61

RADIO

(see also subdivision under Czechoslovakia)

Drobashchenko, I. T., and A. N. Ksenofontov. [Fundamentals of electronics and radio engineering] Osnovy elektroniki i radiotekhniki. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 283 p.

Kulikovskii, A. A., ed. [Radio amateur's handbook] Spravochnik radiolliubitelia. Izd. 2. Moskva, Gos. energ. izd-vo, 1961. 500 p. (Massovaia radiobiblioteka, no. 394)

Let's prepare for the 22d Congress of the CPSU. Radiotekhnika 16 no. 5:5-6 My '61.

Means of radio communication should be widely used and constantly improved Avtom., telem i sviaz' 5 no 5 2-3 My '61.

Molchanov, A. P. [Course on radio and electric engineering] Kurs elektrotekhniki i radiotekhniki. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 504 p.

Passage of radio signals through resonant systems with periodically varying parameters. S. G. Segal'. Elektrosviaz' 15 no. 7:48-55 Jl '61.

[Radio engineering abroad.] Zarub. radioelek. 16 no. 6 Je '61.

Use of an electronic computer for automating the process of statistical treatment of radio signals. A. V. Prosin, I. P. Igoshev, I. P. Lovshin. Radiotekhnika 16 no. 5:64-70 My '61.

RADIO—ABSTRACTS

[Automatic control and radio engineering.] Ref. zhur.: Avtom. i radioelektr. no. 7 Jl '61.

RADIO—ANTENNAS

Homemade magnetic antenna. R. Variamov. IUn. tekh. 5 no. 3:74-75 Mr '61.

RADIO—BIBLIOGRAPHY see Bibliography—Radio

RADIO—EQUIPMENT AND SUPPLIES

Certificates of invention. Elektrosviaz' 15 no. 7:73-76 Jl '61.

Printed circuit mounting. V. E. Sekhin. Biul. tekh.-ekon inform. no. 5:79-80 '61.

RADIO—INTERFERENCE

Comparative evaluation of the fluctuational noise rejection of FM and single-band modulation receivers. N. G. Zubchenko. Elektrosviaz' 15 no. 7:71-72 Jl '61.

Experimental study of high-frequency corona interference on round conductors with a clean surface. V. V. Sidel'nikov, A. S. Sokhranskii. Sbor. rab. po vop. elektromekh. no. 5:251-282 '61.

RADIO—RECEIVERS AND RECEPTION

Certain systems for the synchronization of synchronous receivers with straight amplification. IU. F. Korobov. Elektrosviaz' 15 no. 6:15-21 Je '61.

Comparative evaluation of the fluctuational noise rejection of FM and single-band modulation receivers. N. G. Zubchenko. Elektrosviaz' 15 no. 7:71-72 Jl '61.

Momot, E. G. [Synchronous radio-reception problems and engineering] Problemy i tekhnika sinkhronnogo radiopriema. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1961. 171 p.

New methods for evaluating distortions in multipath signal propagation. V. A. Smirnov. Elektrosviaz' 15 no. 5:10-17 My '61.

RADIO, SHORTWAVE

Width of the pass band in singular and diversity reception of the signals of long-range tropospheric microwave propagation. A. S. Nemirovskii. Elektrosviaz' 15 no. 5:18-25 My '61.

RADIO, SHORTWAVE—SAFETY MEASURES

Krylov, V. A., and A. P. Solovei. [Safety engineering in work on systems containing high-frequency and super-high-frequency power generators] Bezopasnost' truda pri rabote na ustanovkakh s generatorami energii vysokikh i sverkhvysokikh chastot. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1961. 61 p.

RADIO ASTRONOMY

(see also subdivision under Oka Valley)

An attempt to observe the infrared radiation of the galactic nucleus [with summary in English]. V. I. Moroz. Astron. zhur. 38 no. 3:487-490 My-Je '61.

Certain mechanisms of the radio emission by comets L. S. Marochnik Biul. Kom. po komet i meteor. AN SSSR no. 5 21-27 '61.

Distribution of optical and radio emission in M 17 [with summary in English]. IU. N. Parlieskii. Astron. zhur. 38 no. 3. 483-486 My-Je '61.

Evaluating the electron density of the corona from the observation of solar radio emission [with summary in English]. I. G. Moiseev. Astron. zhur. 38 no. 3: 541-543 My-Je '61.

Results of the experimental investigation of the moon's radio emission in the four millimeter radio wave range [with summary in English]. A. G. Kislikov. Astron. zhur. 38 no. 3:561-563 My-Je '61.

Secular reduction in the radio emission from Cassiopeia A. M. I. Pashchenko. Priroda 50 no. 7:97-98 Jl '61.

Spectra of the Cassiopeia A radio source at frequencies below 30 megacycles [with summary in English]. S. IA. Braude and others. Dop. AN URSR no. 4:469-473 '61.

RADIO BEACONS

Navigational study of the "Konsol" sector radio beacons. I. Kalinskii. Mor. flot 21 no. 3:41-43 Mr '61.

RADIO DETECTORS

Calculation of the spectrum at the output of a nonlinear four-terminal network. B. V. Tolov. Radiotekhnika 16 no. 5:26-34 My '61.

Operation of an inertial detector in the presence of impulses with complex shapes. I. A. Fastovskii. Radiotekhnika 16 no. 5:51-59 My '61.

RADIO FILTERS

Description of multidimensional linear systems in matrix form [with summary in English]. I. Matyash, IA. Chikhanek. Avtom i telem. 22 no. 7:876-881 Jl '61.

Determination of the parameters of correcting filters in automatic control systems with variable parameters. G. S. Ablokov. Avtom. upr. i vych. tekh. no. 4:268-272 '61.

Principles for plotting series of radio filter chokes. A. M. Bamdas, IU. A. Savinovskii Standartizatsiia 25 no. 6:25-28 Je '61.

Response of a low-pass filter having trapezoidal frequency and linear phase characteristics to certain signals. Kh. I. Cherne. Radiotekhnika 16 no. 6.14-23 Je '61.

RADIO FREQUENCY MODULATION

Spectrum of oscillations frequency of which passes through zero. M. I. Dorman. Radiotekh. i elektron. 6 no. 7:1076-1081 Jl '61.

RADIO INDUSTRY see subdivision under Latvia

RADIO LINES

Concerning the theory of shock radio waves in nonlinear lines. R. V. Khokhlov. Radiotekh. i elektron 6 no 6 917-925 Je '61.

Coupled heterogenous lines. A. L. Fel'dshtein. Radiotekhnika 16 no. 6:7-14 My '61.

Parameters of high-frequency communication channels using overhead and cable electric power transmission lines. M. V. Kostenko, V. V. Sidel'nikov, V. N. Orlov Sbor. rab. po vop. elektromekh. no. 5:240-251 '61.

RADIO MEASUREMENTS

Osipov, K. D., and V. V. Pasynkov. [Handbook on radio measurement devices] Spravochnik po radioizmeritel'nym priboram. Pod red. G. A. Remeza. Moskva, Izd-vo "Sovetskoe radio."

Pt. 2. [Frequency measuring devices and instrument oscillators] Pribory dlia izmerenila chastoty i izmeritel'nye generatory. 1960. 203 p.

Study of the errors of the method for testing field strength meters in the frequency range of 12 kc. to 25 mc. V. S. Buzinov. Trudy inst. Kom. standart., mer i izm. prib. no. 48:139-151 '60.

RADIO MEASUREMENTS—BIBLIOGRAPHY see Bibliography—Radio measurements

RADIO OPERATORS

Kazanskii, N., and A. Orlov. [Methodological manual for training radiotelegraph operators] Metodicheskoe posobie po obucheniiu radiotelegrafistov. Moskva, Izd-vo DOSAAF, 1960. 135 p.

RADIO RELAY SYSTEMS

Radio relaying of broadcast programs by use of the networks of shortwave FM stations R. A. Kotikova. Vest. sviazi 21 no. 5:5-6 My '61.

RADIO STATIONS see subdivision under Rostov-on-Don

RADIO STATIONS—EQUIPMENT AND SUPPLIES

Grinberg, G. B., and A. P. Morozov. [Combination of equipment at electric communications and wire broadcasting repeater stations] Sovmeshchenie oborudovaniia usilitel'nogo punkta elektrosviazi i radiofikatsii. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1960. 49 p. [MICROFILM]

RADIO WAVES

Concerning the theory of shock radio waves in nonlinear lines. R. V. Khokhlov. Radiotekh i elektron 6 no 6: 917-925 Je '61.

RADIO WAVES—SCATTERING

Scattering of radio waves by all the scattering agents combined [with summary in English]. L. A. Pospielov. Ukr. fiz. zhur. 6 no. 2 245-247 Mr-Ap '61

Solution to the boundary value problem of radiowave propagation about the earth with allowance for the main geophysical factors. P. E. Krasnushkin. Dokl. AN SSSR 138 no. 5:1055-1058 Je '61.

RADIOACTIVE PROSPECTING

Depth reached in exploring rocks by pulse neutron logging with a thermal neutron source. S. A. Kantor Prikl. geofiz. no 29,174-186 '61.

Effect of the distribution of boron in rocks on the absorption of slow neutrons [with summary in English]. O. D. Belomar. Dop. AN URSR no. 4:523-525 '61.

Estimating the effect of neutron resonance capture in rocks [with summary in English]. I. A. Kozachok. Dop. AN URSR no. 5-631-634 '61.

Use of neutron methods in geochemical prospecting for boron concentrations and ore analysis of boron deposits [with summary in English]. V. F. Ivanova, F. F. Kirnozov. Geokhimiia no. 7 604-609 '61.

RADIOACTIVE SUBSTANCES

Determination of the correction for the thermal inertia of the calorimeter in calorimetric measurements of radioactive preparations. N. S. Shimanskaia. Trudy Radiev. inst. AN SSSR 9:126-130 '59.

Determining the radium, thorium and potassium content of rocks from an airplane. N. D. Ballasnyi and others. Atom. energ 10 no. 6:626-629 Je '61

Konobeevskii, S. T., N. F. Pravdiuk, and V. I. Kutaitsev. [Effect of radiation on the structure and properties of fissionable materials] Vliianie oblucheniia na strukturu i svoistva deliashchikhsia materialov. Moskva, 1955. 14 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Role of physicochemical processes in calorimetric measurements of radioactive substances. N. S. Shimanskaia. Trudy Radiev. inst. AN SSSR 9:131-133 '59.

RADIOACTIVE SUBSTANCES—DECAY

Accumulation of the daughter products during the decay of the mother substance along several branches. V. A. Arkhinov. Trudy Radiev. inst. AN SSSR 9:250-252 '59.

Method of measuring the half-lives of short-lived radioactive elements. G. M. Gorodinskii. Trudy Radiev. inst. AN SSSR 9:253-257 '59.

RADIOACTIVE TRACERS

Difference in the permeability to iodine and phosphorus in the mucosa of the tongue and salivary glands. A. I. Marchenko, Iu. A. Petrovich. Dokl. AN SSSR 138 no. 6:1470-1472 Je '61.

Kondrat'ev, V. N. [Tagged atom method in the study of the mechanism of chemical reactions] Primenenie mechenykh atomov k izucheniiu mekhanizma khimicheskikh reaktsii. Moskva, 1955. 19 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

RADIOACTIVE WASTE DISPOSAL

Motortrucks for radioactive waste transportation. G. N. Lokhanin, M. A. Polkovskii. Biul. tekh.-ekon. inform. no. 5:68-71 '61.

Prechistenskii, S. A. [Radioactive discharge into the atmosphere; planning and design of units for the decontamination of aerosol and gas discharges] Radioaktivnye vybrosy v atmosferu; proektirovanie ustanovok dlia ochistki vybrosov ot aerozolei i gazov. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhniki, 1961. 174 p.

RADIOACTIVE WASTE DISPOSAL—CONGRESSES

Results of the conference on the problem of radioactive waste disposal in seas and oceans. B. S. Kolychev. Atom. energ. 10 no. 6:634-635 Je '61.

RADIOACTIVITY

"Natural irradiation of the human body" by Iu. V. Sivintsev. Priroda 50 no. 7:14 Jl '61

Reproducing the Henri Becquerel experiment under school conditions. A. N. Efremov, A. A. Komarov. Khim. v shkole 16 no. 2 60-62 Mr-Ap '61

RADIOACTIVITY—MEASUREMENT

(see also subdivision under Pacific Ocean)

Using the emanation method in the study of processes taking place in solid substances during heating K. B. Zaborenko, A. M. Baheshkin, L. L. Melikhov. Izv. vys. ucheb. zav., khim. i khim. tekh. 3 no. 2:288-292 '60.

RADIOACTIVITY—PHYSIOLOGICAL EFFECTS

On changes in conditioned reflex activity of white rats caused by small doses of internal radiation [with summary in English]. V. M. Zakharov. Zhur. vys. nerv. deiat. 11 no. 2:361-369 Mr-Ap '61.

RADIOACTIVITY—SAFETY MEASURES

Letavet, A. A. [Industrial hygiene in work under conditions of the action of ionizing radiation] Gigiena truda pri rabote v usloviiakh vozdeistviia ioniziruiushchikh izluchenii. Moskva, 1955. 21 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Maximum permissible concentrations of fission-fragment radioactive isotopes of inert gases. IU. V. Sivintsev. Atom. energ. 10 no. 6:631-632 Je '61.

Protective coverings for structures in radioactive buildings. A. N. Komarovskii. Atom. energ. 10 no. 6:607-605 Je '61.

RADIOBIOLOGICAL RESEARCH

Nature of radiogenetic changes and the study of the effect of ionizing radiations on the heredity of man. N. P. Dubinin Zhur. VKHO 6 no 3:332-337 '61.

RADIOBIOLOGY

Lobodinskii, A. V., and IU. I. Moskalev, eds. [Biological effect of radiation and problems in the distribution of radioactive isotopes] Biologicheskoe deistvie radiatsii i voprosy raspredeleniia radioaktivnykh izotopov. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhniki, 1961. 190 p.

Lipkan, N. F. [Elements of radiation biochemistry] Elementy radiatsionnoi biokhimii. Kiev, Gos. med. izd-vo USSR, 1958. 158 p.

Use of radioautography for the quantitative determination of methane-oxidizing bacteria [with summary in English] V. I. Romanenko. Mikrobiologiia 30 no. 2 335-338 Mr-Ap '61.

RADIOBROADCASTING

Radio relaying of broadcast programs by use of the networks of shortwave FM stations R. A. Kotikova. Vest. sviazi 21 no. 5:5-6 My '61.

RADIOCARBON DATING

Results of determining the absolute age of a series of archaeological and geological specimens by radiocarbon (C14). V. V. Artem'ev and others. Sov. arkheol. 5 no. 2:3-11 '61.

RADIOCHEMISTRY

Bakh, Natalila. [Radiolytic oxidation of organic compounds] Radioliticheskoe okislenie organicheskikh soedinenii. Moskva, 1955. 21 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Inhibiting effect of uranyl ion on the radiation-induced oxidation of divalent iron. V. G. Firsov. Dokl. AN SSSR 138 no. 5:1155-1157 Je '61.

Temperature coefficient of radiation chemistry reactions and its relation to the primary processes of water radiolysis. I. V. Vereshchinskii. Izv. AN SSSR, Otd. khim. nauk no. 6:1154-1155 Je '61.

Veselovskii, V. I. [Radiation chemistry processes in inorganic systems. Electrochemical effect of radiation. Sensitization of radiation chemistry reactions] Radiatsionno-khimicheskie protsessy v neorganicheskikh sistemakh. Elektrokhimicheskoe deistvie izlucheniĭ. Sensibilizatsiia radiatsionno-khimicheskikh reaktsiĭ). Moskva, 1955. 27 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

RADIOCHEMISTRY—INDUSTRIAL APPLICATIONS

Radiation-induced and thermal cracking of liquid hydrocarbons. A. M. Brodskii, K. P. Lavrovskii, V. B. Titov. Dokl. AN SSSR 138 no. 6:1143-1146 Je '61.

RADIOGRAPHY

Determination of crystal lattice parameters on the X-ray patterns of macrocrystalline specimens. A. A. Presniakov. Zav. lab. 27 no. 6:689-691 '61.

Method for the radiography of soft tissues. A. V. Romodanovskii. Uch. zap. Omsk. gos. ped. inst. no. 12:118-122 '59.

RADIOISOTOPES

Alimarin, I. P. [Radioisotopes in chemical analysis] Primenenie radioaktivnykh izotopov v khimicheskom analize. Moskva, 1955. 31 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Apparatus for tagging arthropoda by spraying them with radioactive isotopes [with summary in English]. G. D. Khudadov. Biul. MOIP. Otd. biol. 66 no. 3:40-50 My-Je '61.

Comparative study of the secretion of radioactive isotopes (phosphorus, potassium and iodine) during conditioned and nonconditioned salivation [with summary in English]. IU. A. Petrovich. Zhur. vys. nerv. deiat. 11 no. 2:295-302 Mr-Ap '61.

"Excursion in the land of radioactive isotopes" by D. Trifonov. Reviewed by M. Mamontova. IUn. tekh. 5 no. 3:60-62 Mr '61.

Isotopes in biochemistry. IA. M. Varshavskii, S. Z. Roginskii, S. E. Shnol'. Zhur VKHO 6 no. 3 275-284 '61

Maximum permissible concentrations of fission-fragment radioactive isotopes of inert gases IU. V. Sivintsev. Atom. energ. 10 no. 6:631-632 Je '61.

Polyektov, N. S. [Use of radioisotopes in investigations of the analytic chemistry of zirconium and hafnium] Primenenie radioaktivnykh izotopov v issledovaniiakh po analiticheskoi khimii tsirkoniia i gafniia. Moskva, 1955. 17 p. (Doklady, predstavlennye USSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Sokolov, V. S. [Radioisotopes in automation] Izotopy v avtomatike. [Moskva] Mosk. rabochii, 1961. 126 p.

Some problems in the absorption and methods of distribution of radioactive isotopes in the body. L. A. Buldakov. Pat. fiziol. i eksp. terap. 5 no. 1:62-63 Ja-F '61.

Study of the higher oxides and peroxides of uranium by the isotopic method. A. I. Brodskii, I. F. Franchuk Dokl. AN SSSR 138 no. 6:1345-1348 Je '61

RADIOISOTOPES—INDUSTRIAL APPLICATIONS

Grozin, B. D. [Using radioactive isotopes for studying the wear of machine parts] Primenenie radioaktivnykh izotopov dlia izucheniia iznosa detalei mashin. Moskva, 1955. 18 p. (Doklady, predstavlennye USSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Use of radioactive isotopes for measuring the flow of water streams. I. Mechitov. Prom. Arm. 4 no 4: 31-34 Ap '61.

Use of radioactive isotopes in metallurgy. R. A. Isakova. Trudy Inst. met. i obogashch. AN Kazakh. SSR 3:190-200 '60.

V [illegible]

tional Economy of the U. S. S. R.] Trudy soveshchaniia... v chetyrekh tomakh. Pod red. N. A. Petrova, L. L. Petrenko i P. S. Savitskogo. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry.

Vol. 3. [Machinery industry, Metallurgy] Mashinostroenie, Metallurgiia. 1961. 224 p.

Vsesoiuznoe soveshchanie po vnedreniiu radioaktivnykh izotopov i iadernykh izlucheniĭ v narodnoe khoziaistvo SSSR, Riga, 1960. [Transactions of the Conference on Radioactive Isotopes and Nuclear Radiation in the National Economy of the U. S. S. R.] Trudy soveshchaniia... v chetyrekh tomakh. Pod red. N. A. Petrova, L. L. Petrenko i P. S. Savitskogo. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry.

Vol. 4. [Mineral exploration, prospecting, and extraction] Poiski, razvedka i razrabotka poleznykh iskopaemykh. 1961. 284 p.

RADIOISOTOPES—PHYSIOLOGICAL EFFECT

Influence of some radioactive isotopes on the sexual organs of laboratory animals. M. S. Bakshcheev, K. P. Riabov. Ped., akush. i gin. 23 no. 1:58-62 '61.

RADIOTELEGRAPH

Kazanskii, N., and A. Orlov. [Methodological manual for training radiotelegraph operators] Metodicheskoe posobie po obucheniiu radiotelegrafistov. Moskva, Izd-vo DOSAAF, 1960. 135 p.

RADISHES

(see also subdivision under Omsk)

Breeding radishes for greenhouse cultivation. A. V. Kruichkov. Dokl. TSKhA no. 59:61-66 '60.

RADIUM—ANALYSIS

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instruction 301-59 for the analysis of standard samples and working preparations of radium graduated in units of the gamma-equivalent of radium] Instruktsiia 301-59 po poverke obraztsovykh i rabochikh preparatov radiia, graduiruemykh v edinitsakh radievogo gamma-ekvivalenta. Izd. ofitsial'noe. Moskva, 1960. (SSSR. Gosudarstvennye standarty)

RADIUM—THERAPEUTIC USE

Comparative evaluation of the results of treating cancer of the cervix uteri with radioactive cobalt and radium-mesothorium [in Azerbaijani with summary in Russian]. R. E. Aliakhverdieva, Azerb. med. zhur. no. 6:59-64 Je '61.

RADON

Radon neutron sources. M. A. Bak and others. Trudy Radiev. inst. AN SSSR 9:107-112 '59.

RADON—ANALYSIS

Direct method for determining small concentrations of radon in air. V. I. Matvienko. Trudy Radiev. inst. AN SSSR 9 229-235 '59

RADON—DECAY

Distribution of the decay products of radon in ampoules filled with powder and in ampoules without filler. V. I. Matvienko. Trudy Radiev. inst. AN SSSR 9 236-237 '59.

RAILROAD BRIDGES

Replacement of bridge spans. I. V. Kuprienko. Put' i put. khoz. 5 no. 5:36 My '61

RAILROAD BRIDGES—MAINTENANCE AND REPAIR

Bridge supports with a slant. I. M. Kilanov. Put' i put. khoz. 5 no. 5:37 My '61

RAILROAD CONDUCTORS

Mil'dvar', M. D. [Railroad conductor's manual] Rukovodstvo konduktoru. Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 207 p.

RAILROAD ENGINEERING see subdivision under Ural Mountain region

RAILROAD LAW

The railroad statutes of the U. S. S. R. P. M. Rogozin and others. Sov. gos. i pravo 31 no. 6 38-52 Je '61

RAILROAD MOTORCARS

Expediency of using rail motorcars in suburban transportation. F. P. Kochnev. Elek. i tepl. tiaga 5 no. 4 39-42 Ap '61.

Experience of synchronous starting of S^{T} and S^{T}_{3}-series electric sections. B. N. Nikonov, N. G. Visin. Elek. i tepl. tiaga 5 no. 3 14-15 Mr '61.

RAILROAD RESEARCH see subdivision under Moscow

RAILROADS

(see also subdivision under United States)

Answering readers' queries. Put' i put. khoz. 5 no. 5: 46 My '61.

Industrial railroad transportation. I. I. Kukushkin. Biul. tekh.-ekon. inform. no. 6:63-67 '61.

Letters to the editor. Put' i put. khoz. 5 no. 5:42-44 My '61.

On our roads of steel. V. Gavrilov. Agitator no. 13:12-14 Jl '61.

Samokhvalov, V. A. [Technical innovations in railroad transportation] Tekhnicheskaia rekonstruktsiia zheleznodorozhnogo transporta. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 43 p. (V pomoshch' izuchaiushchim ekonomiku zheleznodorozhnogo transporta)

RAILROADS—BIBLIOGRAPHY see Bibliography—Railroads

RAILROADS—BRAKES

Are emergency brake accelerators necessary on freight trains? V. I. Danilov and others. Elek. i tepl. tiaga 5 no. 3 43 Mr '61.

Replies to the inquiries of our readers. Elek. i teol tiaga 5 no. 3:44 Mr '61.

Static converters for feeding electro-pneumatic brakes. N. A. Korchagin, V. F. IAsentsev. Elek. i tepl. tiaga 5 no. 4 5-7 Ap '61.

RAILROADS—CARS see subdivision under Nizhniy Tagil

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Improve the maintenance of signaling and communication devices. V. D. Buts. Avtom., telem. i sviaz' 5 no. 4: 1-3 Ap '61.

Improve the quality of the district communication systems. V. K. Markin. Avtom., telem. i sviaz' 5 no. 4. 28 Ap '61

Intercommunication system for ticket offices. V. A. Bazaeva. Avtom., telem. i sviaz' 5 no. 5:31-32 My '61.

Joint operation of M-49 and TsBx3x2 commutators. S. E. Kats, E. M. Nikol'skaia. Avtom., telem. i sviaz' 5 no. 5.20-21 My '61.

New safety engineering rules for the maintenance and repair of signaling and communications devices. F. V. Evlashenko. Avtom., telem. i sviaz' 5 no. 5 12-13 My '61.

Our requirements from factories. Avtom., telem. i sviaz' 5 no. 4.47 Ap '61.

Public planning and design office of the communications and signaling service. I. A. TSetsura. Avtom., telem. i sviaz' 5 no. 4:35 Ap '61.

Use of a wave-guiding line in the communication system between car checkers. K. M. Kuliagin, I. Z. Timofeev, A. M. Shvets. Avtom., telem. i sviaz' 5 no. 5 37-38 My '61.

Use of coupling line sets on the 33-series automatic telephone exchanges. V. R. Ustinov, V. P. Klimanov. Avtom., telem. i sviaz' 5 no. 5 36-37 My '61

RAILROADS—CONGRESSES

Session of the signaling section of the American Railway Association. I. S. Gluzman. Avtom., telem. i sviaz' 5 no. 5 46-47 My '61

RAILROADS—CROSSINGS

Improved crossing planking. R. IA. Nukka. Put' i put. khoz. 5 no. 5 32 My '61

RAILROADS—EARTHWORK

Improving the contour of embankments and ditches beyond the embankments. M. N. Ivanova, I. I. Viktorov. Transp. stroi. 11 no. 5:37-38 My '61

RAILROADS—ELECTRIC EQUIPMENT

Change the resistance of the variable rheostats. L. A. Kim. Avtom., telem. i sviaz' 5 no. 5 10 My '61

Efficient utilization of electric power. Put' i put. khoz. 5 no. 5 33 My '61.

[Electric tools for track maintenance and repair] Elektricheskii putevoi instrument. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 133 p. (Bibliotechka puteitsa-mekhanizatora)

Evin, G. D. [Mechanization of the repair of caustic storage batteries] Mekhanizatsiia remonta vagonnykh shchelochnykh akkumuliatorov. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 32 p.

Mechanical blocking arrangement for electric cutouts. V. P. Kolesnik. Elek. i tepl. tiaga 5 no. 4 12 Ap '61.

Our method for overhauling TR3a relay contacts. A. S. Belokurov. Avtom., telem. i sviaz' 5 no. 4 38 Ap '61

Practical advice on the repair of relays. S. IA. Bystritskaia-Averbukh. Avtom., telem. i sviaz' 5 no. 5 25-26 My '61

Remarks on the quality of manufactured equipment. A. N. Rostorotskii. Avtom., telem. i sviaz' 5 no. 5 39 My '61.

Use of electrolytic condensers in a. c. circuits. A. I. Breido. Avtom., telem. i sviaz' 5 no. 5 32-34 My '61.

Varieties of code relays. D. M. Zektser. Avtom., telem. i sviaz' 5 no. 5 42-43 My '61.

RAILROADS—ELECTRIFICATION

Alekseev, A. P. [Overall mechanization of construction operations in the electrification of railroads] Kompleksnaia mekhanizatsiia stroitel'nykh rabot pri elektrifikatsii zheleznykh dorog. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 141 p.

Self-propelled unit for welding rail joints and supplying electric power to high-frequency power tools. G. P. Tarakanov. Biul. tekh.-ekon. inform. no. 8:48-49 '61.

RAILROADS—ELECTRONIC EQUIPMENT

Device for locating the short-circuited turns in the coils of electric relays. A. E. Men'shov. Avtom., telem. i sivaz' 5 no. 5 38-39 My '61

Features of the circuits of the ZhR-5 transmitter-receiver set. A. A. Tantsiura. Avtom., telem. i sviaz' 5 no 5 4-6 My '61.

IKL-5 cable and line testing device. D. S. Kuz'min. Avtom., telem. i sviaz' 5 no. 4 4-6 Ap '61.

Improvement of the operation of the ZhR-1 transmitter-receiver set. N. V. Krasnikov. Avtom., telem. i sviaz' 5 no 5 21 My '61.

Joint operation of M-49 and TsBx3x2 commutators. S. E. Kats, E. M. Nikol'skaia. Avtom., telem. i sviaz' 5 no. 5 20-21 My '61

Meeting on the design and use of automatic control and communication devices. E. IU. Gamburg. Avtom., telem. i sviaz' 5 no 4 46 Ap '61.

Modernization of the ICh portable measuring instrument. L. K. Kudriashova. Avtom., telem. i sviaz' 5 no. 5: 35-36 My '61.

New types of locomotive antennas. IU. V. Raevskii, N. M. Gavrilov, A. A. Tantsiura. Avtom., telem. i sviaz' 5 no 4 29-35 Ap '61

Remote control of the cutouts of a high-voltage line. V. S. Skaballanovich. Avtom., telem. i sviaz' 5 no. 4: 21-25 Ap '61.

Use of the narrow-band filters of the control channel receiver for selective measurements. A. D. Doronin. Avtom., telem. i sviaz' 5 no 5-22-25 My '61.

RAILROADS—EMPLOYEES

Accomplishments in the work of the enterprise of communist labor. E. N. Mikheeva, I. N. Bobrov. Avtom., telem. i sviaz' 5 no. 5 17-19 My '61.

Establishing regulations for working time and rest periods for railroad transportation and subway workers. Biul. Gos. kom. po vop. truda i zar. platy no. 1.66-72 '61.

Master in his profession. M. N. Provodina. Put' i put. khoz. 5 no. 5:38-40 My '61.

Socialist competition between the workers of the Moscow and Leningrad railroad repair shops. Elek. i tepl. tiaga 5 no. 4:1-2 Ap '61.

Socialist competition honoring the 22d Congress of the CPSU. Elek. i tepl. tiaga 5 no. 3 4 Mr '61.

They were awarded an illustrious title. K. M. Shvetsov. Avtom., telem. i sviaz' 5 no 5-19 My '61

RAILROADS—EMPLOYEES—DISEASES AND HYGIENE

Study of and reduction of disease incidence with temporary disability of workers in railroad transportation. E. A. Radzivonchik. Zdrav. Turk. 5 no. 1:37-42 Ja F '61.

RAILROADS—EQUIPMENT AND SUPPLIES

Concerning railroad clocks. A. I. Shcherbakov. Avtom., telem. i sviaz' 5 no. 5 41 My '61

[Hydraulic device for servicing railroad tracks; design, operation, and repair] Gidravlicheskii putevoi instrument; ustroistvo, eksploatatsiia i remont. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 79 p. (Biblioteka putelitsa-mekhanizatora)

My experience in the operation of a tie tamping machine. A. I. Gorshkov. Put' i put khoz. 5 no. 5:21 My '61

Regulating shutters. Put' i put khoz. 5 no 5:31 My '61

RAILROADS—FREIGHT

Al'terman, S. L., and A. I. Smetanin. [Organizing work with local cars] Organizatsiia raboty s mestnymi vagonami. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 174 p.

For great economy in military transportation. IU. Mashonin. Tyl i snab. Sov. Voor. Sil 21 no 1:78-80 Ja '61

Use of electronic computers in automating the calculation and operational control of transportation processes. A. M. Pogodin. Avtom., telem. i sviaz' 5 no. 4 6-8 Ap '61.

[Work practices of transportation centers serving several collective farms] Opyt raboty mezhkolkhoznykh transportnykh baz. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1960. 22 p.

RAILROADS—FREIGHT CARS

Full-length log transportation by wide-gauge railroads. G. Matveev. Les. prom. 39 no. 5:10-11 My '61

RAILROADS—HUMP YARDS

New developments in the operation of locomotives engaged in making up trains. V. M. Timoshkov. Elek. i tepl. tiaga 5 no. 4 11-12 Ap '61

RAILROADS—HYGIENIC ASPECTS

(see also subdivision under Georgia)

Hygienic characteristics of noise caused by the rolling stock of railroads and measures for its control [with summary in English]. A. M. Volkov. Gig. i san. 26 no. 1:33-39 Ja '61.

RAILROADS—LIGHTING

Chesnokova, N. G. [Electric lighting of repair shops and industrial enterprises on railroads] Elektricheskoe osveshchenie depo i promyshlennykh predpriiatii zheleznodorozhnogo transporta. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 29 p.

Chesnokova, N. G., and L. S. Sablina. [Lighting engineering handbook for designing lighting in repair shops and industrial enterprises of railroad transportation] Svetotekhnicheskii spravochnik dlia proektirovaniia osveshchenila depo i promyshlennykh predpriiatii zheleznodorozhnogo transporta. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 142 p.

Concerning the use of a circuit for the quick ignition of fluorescent lamps for use by railroads. A. G. Alik'ian. Svototekhnika 7 no. 4:28-29 Ap '61.

RAILROADS—MAINTENANCE AND REPAIR

Don't put up with shortcomings. K. V. Brozgunov. Put' i put. khoz. 5 no. 5:41 My '61.

For a successful completion of summer track maintenance. Put' i put. khoz. 5 no. 5:2 My '61

New method of track maintenance in a junction point. N. D. Fuflygin. Put' i put. khoz. 5 no. 5:18-19 My '61

Our urgent needs. A. P. Mazur. Elek. i tepl. tiaga 5 no. 3.21 Mr '61.

Railroad workers of the Tula Division economize on maintenance costs. B. K. Zlabrev. Put' i put. khoz. 5 no. 5:7 My '61.

Raise roadbed maintenance and repair to a higher level; discussion. Put' i put. khoz. 5 no. 5:8-13 My '61

Russia (1923- U. S. S. R.) Glavnoe upravlenie puti i sooruzhenii. [Standard technologically grounded production norms for track repair] Tipovye tekhnicheskie obosnovannye normy vyrabotki na rabotu po remontu puti. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 274 p.

RAILROADS—MAKING UP TRAINS

New developments in the operation of locomotives engaged in making up trains. V. M. Timoshkov. Elek. i tepl. tiaga 5 no. 4-11-12 Ap '61.

RAILROADS—MANAGEMENT

Al'terman, S. L., and A. I. Smetanin. [Organizing work with local cars] Organizatsiia raboty s mestnymi vagonami. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 174 p.

RAILROADS – MANAGEMENT (Continued)

Al'tshuler, G. A., B. N. Lakhman, and N. I. Sidorovich. [Planning in railroad transportation] Planirovanie na zheleznodorozhnom transporte. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 302 p.

Local conditions have to be taken into account. M. L. Kol'chuk. Put' i put. khoz. 5 no. 5 23 My '61

RAILROADS—MAPS

Atlas of railroad networks in the U. S. S. R. IU. V. Aristov. Geod. i kart. no. 5:68-70 My '61

RAILROADS—RAILS

Aleksandrov, V. A. [Graphite lubricated rail joints] Rel'sovye styki na grafitovoi mazi. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 14 p.

Grinding of rail scabs. V. A. Volotovskii. Put' i put. khoz. 5 no. 5, 33 My '61

RAILROADS—RAILS—DEFECTS

Transistorized rail flaw detector. G. N. Zrazhevskii, V. D. Potapenko. Put' i put. khoz. 5 no. 5:34-35 My '61

RAILROADS—RAILS—WELDING

Electric roll-type conveyer with an air lift device. S. M. Isaev. Put' i put. khoz. 5 no. 5 13 My '61

RAILROADS—REPAIR SHOPS see subdivision under Leningrad

RAILROADS—REPAIR SHOPS—ELECTRIC EQUIPMENT

Charging station for storage batteries. P. U. Veretel'nikov. Elek. i tepl. tiaga 5 no. 4 14-15 Ap '61.

RAILROADS—SAFETY MEASURES

Public inspectors of safety engineering. G. P. Ruksha. Put' i put. khoz. 5 no. 5:23 My '61

What can be known about axle bearings of a passing train. K. Filatov. Izobr. i rats. no. 7-2 of cover and 14 Jl '61.

RAILROADS—SALARIES, PENSIONS, ETC.

Problems concerning wages. Avtom., telem. i sviaz' 5 no. 5 45 My '61.

Stipulating additional payments for combining duties and professions on railroads of the Ministry of Railway Transportation. Biul. Gos. kom. po vop. truda i zar. platy no. 1 24-25 '61

Wage system for specialized trackmen. L. M. Shkliarenko. Put' i put. khoz. 5 no. 5 20-22 My '61.

RAILROADS—SIGNALING

(see also subdivision under Germany, East; Kzyl-Orda Province; United States)

Accomplishments in the work of the enterprise of communist labor. E. N. Mikheeva, I. N. Bobrov. Avtom., telem. i sviaz' 5 no. 5 17-19 My '61.

Aleksandrov, V. A. [Graphite lubricated rail joints] Rel'sovye styki na grafitovoi mazi. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 14 p.

Brief reports. Avtom., telem. i sviaz' 5 no. 4 12 Ap '61

Efficiency of using the time and a half code in DVK-3A centralized traffic control systems. N. I. Strizh. Avtom., telem. i sviaz' 5 no. 4 26-28 Ap '61

Improve the maintenance of signaling and communication devices. V. D. Buts. Avtom., telem. i sviaz' 5 no. 4 1-3 Ap '61.

Improved circuit for connecting signal light repeaters. I. A. Zubko. Avtom., telem. i sviaz' 5 no. 4:37 Ap '61

Kochnev, F. P., B. M. Maksimovich, and I. B. Sotnikov. [Problems concerning the organization of train movement] Voprosy organizatsii dvizhenila poezdov. Moskva, Vses. izdatel'sko-politr. ob"edinenie M-va putei soobshchenila, 1961. 211 p.

Lens-type and long-distance light signals with square masts for installation on bridges and consoles. Avtom., telem. i sviaz' 5 no. 5 16 My '61.

Meeting on the design and use of automatic control and communication devices. E. IU. Gamburg. Avtom., telem. i sviaz' 5 no. 4:48 Ap '61.

New reinforced concrete elements in building the signal system. A. T. Mezalov, N. F. Muchkin. Transp. stroi. 11 no. 5:10-12 My '61.

New safety engineering rules for the maintenance and repair of signaling and communications devices. F. V. Evlashenko. Avtom., telem. i sviaz' 5 no. 5-12-13 My '61.

Our requirements from factories. Avtom., telem. i sviaz' 5 no. 4:47 Ap '61

Public planning and design office of the communications and signaling service. I. A. TSetsura. Avtom., telem. i sviaz' 5 no. 4 35 Ap '61.

Railroad station signal lights with reinforced-concrete masts. Avtom., telem. i sviaz' 5 no. 5 43 My '61.

Redesigning of automatic control and communication devices in the Martinsk-Tayshet section. N. IA. Men'shikov. Avtom., telem. i sviaz' 5 no 4:13-16 Ap '61.

Replies to the inquiries of our readers. Avtom., telem. i sviaz' 5 no. 4-45 Ap '61.

Single-rail rail networks with a DSR-12 relay. M. V. Kurovskii. Avtom., telem. i sviaz' 5 no. 5 8-11 My '61

Some problems concerning the automation of train traffic control. B. Del Rio, N. I. Vlasov. Avtom., telem. i sviaz' 5 no. 5 14-15 My '61

They were awarded an illustrious title. K. M. Shvelidze. Avtom., telem. i sviaz' 5 no. 5-19 My '61.

Use of electronic computers in automating the calculations and operational control of transportation processes. A. M. Pogodin. Avtom., telem. i sviaz' 5 no. 4 6-8 Ap '61

Varieties of code relays. D. M. Zektser. Avtom., telem. i sviaz' 5 no. 5 42-43 My '61

We are increasing the production of self-supporting signaling devices. IU. P. Zatinatskii. Avtom., telem. i sviaz' 5 no. 4 19-20 Ap '61

RAILROADS—SIGNALING—BLOCK SYSTEM

People who have mastered new equipment. K. I. Toporets. Avtom., telem. i sviaz' 5 no. 4 17-18 Ap '61.

Project album of semiautomatic block systems with polarized line networks. Avtom., telem. i sviaz' 5 no. 4:46-47 Ap '61.

Railroad station relay block system. Avtom., telem. i sviaz' 5 no. 5 44 My '61.

TM-31 album. Avtom., telem. i sivaz' 5 no. 5:11 My '61.

RAILROADS—SIGNALING—CENTRALIZED TRAFFIC CONTROL

Kut'in, I. M., and G. A. Torpugov. [New speedy centralized train traffic-control system] Novaia bystrodeistvuiushchaia sistema dispetcherskogo kontrolia dvizhenila poezdov. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 24 p.

RAILROADS—SIGNALING—INTERLOCKING SYSTEMS

Brigade method for servicing electric interlocking devices. V. L. Liberman, M. I. Ivanov. Avtom., telem. i sviaz' 5 no. 4 36-37 Ap '61.

Concerning some faults of the code cells of the DVK-3a system. I. E. Shestopalov. Avtom., telem. i sviaz' 5 no. 5 40 My '61

RAILROADS—SNOW PROTECTION AND REMOVAL

Tiurenkov, I. I. [Snow removal on railroad districts] Snegobor'ba na distantsii puti. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 175 p.

RAILROADS—STATION SERVICE

Mechanization and automation of operations at a railroad station. A. A. Avetikian, I. A. Podkopaev. Mekh. i avtom. proizv. 15 no. 6, 23-26 Je '61.

RAILROADS—STATIONS

(see also subdivision under Leningrad)

Naumov, G. K., and others. [Economics of the work of railroad stations] Ekonomika raboty stantsii. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 262 p.

The railroad station and its square form a nucleus for a unified transport system. I. IAvein. Arkhit. SSSR no. 3: 26-31 '61.

RAILROADS—SURVEYING

Precision of geodetic operations in surveying roads and railroads. A. P. Voloalin. Transp. stroi. 11 no. 5 47-49 My '61.

RAILROADS—SWITCHES

Kragel', A. T. [Alignment of switch connections] Vypravka strelochnykh soedinenii. Izd. 3. Moskva, Izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 222 p.

Switches made from Bessemer steel. G. I. Skakov. Put' i put. khoz. 5 no. 5:5-6 My '61.

We need the help of the factories. M. F. Panov. Avtom., telem. i sviaz' 5 no. 5 41 My '61.

Wire-saving switch control system. M. A. Okorokov. Gor. zhur. no. 4:53-54 Ap '60.

RAILROADS—TECHNOLOGICAL INNOVATIONS see subdivision under Lozovaya

RAILROADS—TIES

(see also subdivision under Alatyr')

Hydraulic compression replacing clamps. V. G. Chernii. Put' i put. khoz. 5 no. 5:32 My '61.

Improve in every way the technology of tie manufacture. A. N. Sokolov. Put' i put. khoz. 5 no. 5:3-5 My '61.

RAILROADS—TIMETABLES

(see also subdivision under Moscow)

Russia (1923- U. S. S. R.) Ministerstvo putei sobshchenila. [Timetable of passenger trains; summer 1961] Ukazatel' zheleznodorozhnykh passazhirskikh soobshchenii, leto 1961 goda. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 656 p.

RAILROADS—TOOLS AND IMPLEMENTS

Improved template. Put' i put. khoz. 5 no. 5:31 My '61.

RAILROADS—TRACK

Don't tolerate errors in the relief of stresses on continuous tracks. M. S. Bochenkov. Put' i put. khoz. 5 no. 5 14-16 My '61

Elimination of some signal and track signs. Put' i put. khoz. 5 no. 5:27 My '61.

Grushevoi, N. G. [Roadbed of foreign railroads] Zemlianoe polotno zarubezhnykh zheleznykh dorog. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 139 p.

Maintaining the plane of continuous track. S. A. Afanas'ev, M. V. Lipskii. Put' i put. khoz. 5 no. 5: 16-17 My '61.

Preparing for the introduction of high speed traffic. N. G. Cherlov. Put' i put. khoz. 5 no. 5-22 My '61

RAILROADS—TRACK—BIBLIOGRAPHY see Bibliography—Railroads—Track

RAILROADS—TRACKLAYING MACHINERY

Laying track in 25 m sections with a tractor-type gantry track layer. P. I. Bakarev, Ill. V. Galkin. Transp. stroi. 11 no. 5 7-10 My '61.

RAILROADS—TRAFFIC

Dorovitskii, N. A., ed. [Advanced methods of railroad operation workers] Peredovye metody truda rabotnikov dvizhenila. Moskva, Gos. transp. zhel-dor. izd-vo, 1952. 190 p.

Kochnev, F. P., B. M. Maksimovich, and I. B. Sotnikov. [Problems concerning the organization of train movement] Voprosy organizatsii dvizhenila poezdov. Moskva, Vses. izdatel'sko-politr. ob"edinenie M-va putei soobshchenila, 1961. 211 p.

RAILROADS, INDUSTRIAL—LABOR PRODUCTIVITY

Methodology for calculating the increase of workers' productivity in the railroad workshops of metallurgical plants taking the expansion of production into consideration. B. Dorfman, L. Faivishenko. Biul. nauch. inform. trud i zar. plata 4 no. 6:20-25 '61.

RAILROADS, NARROW-GAUGE

Effect of ED-16-01 narrow-gauge diesel electric locomotive on provisional tracks. S. A. Chuprikov. Izv. vys. ucheb. zav., les. zhur. 4 no. 2, 63-72 '61.

RAILROADS, NARROW-GAUGE—EQUIPMENT AND SUPPLIES

Electric tie tamper. V. G. Borovkov. Les. prom. 39 no. 6:17 Je '61.

RAIN AND RAINFALL

Colored rain. N. V. Kolobkov. Priroda 50 no. 7: 109-110 Jl '61.

Effect of climate on the increment of trees. O. S. Lisiev. Visnyk sil'hosp. nauky 4 no. 7, 97-102 Jl '61.

RAIN MAKING

Horizontal distribution of ice crystal nuclei produced in supercooled clouds by seeding them with solid carbon dioxide. L. I. Krasnovskaia. Meteor. i gidrol. no. 7:3-10 Jl '61.

Will the people learn to regulate rain? Hilaire Cuny. V zashch. mira no. 12:62-70 D '60.

RAINER, JOSEF

Light in darkness. E. Vorob'ev. Sov. voin 43 no. 7:42-44 Ap '61.

RAMAN EFFECT

Indicatrix of the Raman scattering. I. I. Kondilenko, P. A. Korotkov, V. L. Stryzhevs'kyi. Ukr. fiz. zhur. 5 no. 1 122-124 Ja-F '60.

Raman dispersion of light in superconductors [with summary in English]. A. A. Abrikosov, L. A. Fal'kovskii. Zhur. eksp. i teor. fiz. 40 no. 1 262-270 Ja '61.

Second order Raman effect at low temperatures. A. I. Stekhanov, Z. A. Gabrichidze, M. B. Ellashberg. Fiz. tver. tela 3 no. 5:1331-1334 My '61.

Temperature dependence of the intensity of the Raman lines in gases. Part I [with summary in English]. L. M. Ovander. Ukr. fiz. zhur. 6 no. 1 26-33 Ja-F '60.

RAMS

Copper metabolism in growing wethers receiving different amounts of it in their food ration. M. U. Mombetov, R. N. Odynets. Izv. AN Kir. SSR, Ser. biol. nauk 2 no. 5:103-110 '60

RANGOUTY, LAKE—BIRDS—EGGS AND NESTS

Nesting of birds on the islands of Chivyrkuy Bay and Lake Rangotuy. O. K. Gusev. Trudy Vost.-Sib. fil. AN SSSR no. 23:88-89 '60.

RARE EARTH METALS

(see also subdivision under Kalba Range)

Characteristics of rare earth composition in accessory minerals of granitoids [with summary in English]. V. V. Liakhovich, R. L. Barinskii. Geokhimila no. 6:467-479 '61.

Distribution of lanthanides in an ammonium nitrate melt during zonal crystallization. V. K. Vaitsev, R. G. Avvakumov, M. F. Pyr'ev. Izv. Sib. otd. AN SSSR no. 6: 71-74 '61.

RARE EARTH METALS (Continued)
Interdepartmental Committee on the Introduction of Rare Metals, Mashinostroitel' no. 6:41 Je '61.
Rare earth composition in pyrochlores from massifs of ultrabasic-alkaline rocks and carbonatites [with summary in English]. L. S. Borodin, R. L. Barinskii. Geokhimiia no. 6:486-492 '61.
Spectral analysis of combined rare earth elements in the presence of tin. G. I. Zavorotnova. Izv. Sib. otd. AN SSSR no. 5:117-119 '61.

RARE EARTH SILICATES—SPECTRA
Vibration spectra and structure of some rare earth silicates. A. N. Lazarev, T. F. Tenisheva. Izv. AN SSSR Otd. khim. nauk no. 6:964-973 Je '61.

RARE EARTHS
Regularities in the catalytic properties of rare earths. A. A. Tolstopiatova, A. A. Balandin. Dokl. AN SSSR 138 no. 6:1365-1368 Je '61.
Separation of rare earth elements. I. I. Angelov, K. D. Poslavskaia. Trudy IREA no. 22:168-173 '58.

RAVENS—DISEASES AND PESTS see subdivision under Kirghizistan

RAW MATERIALS see subdivision under Ukraine

RAYGOROD DISTRICT—FARM LIFE
The dry summer of 1960. Efim Dorosh. Novyi mir 37 no. 7:3-31 Jl '61.

RAYON
Arnel 60, a new kind of staple fiber based on triacetylcellulose. B. Sheldon Sprague. Khim. volok. no. 3:70-75 '61.
Rapid expansion of acetate fiber and its uses. V. A. Usenko. Khim. volok. no. 3:56-58 '61.
Technical and economic indices of the production of lavsan and nitron staple fibers. G. A. Kirsanova, A. A. Abubakirova. Khim. volok. no. 3:59-62 '61.

READ, HERBERT HAROLD, 1889-
Visit of English scientist H. H. Read. A. P. Lebedev. Vest. AN SSSR 31 no. 6:84 Je '61.

READING MACHINES
Problems concerning the statistics of automatic pattern reproduction using multiframe observation. A. E. Basharinov. Radiotekh. i elektron. 6 no. 7:1035-1040 Jl '61.

REAL PROPERTY
Property rights to residential buildings. P. E. Orlovskii. Sov. gos. i pravo 31 no. 7:58-66 Jl '61.

REALISM IN LITERATURE
Akademiia nauk SSSR. Institut russkoi literatury. [Problems of realism in Russian literature of the 19th century] Problemy realizma russkoi literatury XIX veka. Moskva, 1961. 408 p.
The art of a researcher ("Problems of realism" by V. Dneprov. Reviewed by E. Etkind). Vop. lit. 5 no. 6:211-217 Je '61.
Continuation of merit ("Problems of realism" by V. Dneprov. Reviewed by P. Palievskii). Vop. lit. 5 no. 6:217-223 Je '61.
Potapova, Z. M. [Neorealism in Italian literature] Neorealizm v ital'ianskoi literature. Moskva, Izd-vo Akad. nauk SSSR, 1961. 226 p.
A powerful weapon in the struggle for communism. Komm. Ukr. 36 no. 7:3-8 Jl '61.

RECEPTORS (NEUROLOGY)
Condition of the nerve receptor apparatus of the skin, perspiration, and neurovascular reactions in vitiligo [with summary in French]. Shao Chan'-gen' [Shao Ch'en-ken]. Sbor. nauch. rab. po lepr. i derm. no. 13:91-102 '59.

RECLAMATION OF LAND
(see also subdivision under China; Kazakhstan; Mongolia; Polesye)
Camp of young land improvers. Komsom. zhizn' no. 2:10 Ja '60.

RECLAMATION OF LAND—BIBLIOGRAPHY see Bibliography—Reclamation of land

RECREATION
After the workday. D. Pronina. Komsom. zhizn' no. 12:16-18 Je '61.

RECREATION AREAS
Areas for popular recreation in the forest park belt. L. Karlik. Arkhit. SSSR no. 5:32-37 '61.

RECREATION CENTERS see subdivision under Moscow

RED BUGS
Biology of the red bug Pyrrhocoris apterus L. P. A. Polozhentsev, N. I. Polozhentseva-Korovina. Izv. vys. ucheb. zav.; les. zhur. 4 no. 2:10-14 '61.

RED CROSS
(see also subdivision under Estonia; Hungary; Korea, North; Minsk; United States; White Russia)
Spread the experience of the best. Sov. kras. krest. 11 no. 3:5 My-Je '61.

REDUCTION, CHEMICAL
Enzymatic photoreduction of carbon dioxide. E. A. Bolchenko, G. N. Saenko. Dokl. AN SSSR 138 no. 6:1453-1455 Je '61.
Kinetics of the reduction of iron oxide in the presence of iron powders. Part 2. F. K. Andriushchenko, M. G. Popova, E. IA. Tulia. Izv. vys. ucheb. zav., khim. i khim. tekh. 4 no. 1:108-115 '61.
Reduction of thiophane sulfones and its homologs by means of aluminum lithium hydrides. R. D. Obolentsev, V. G. Bukharov, M. M. Gerasimov. Khim. sera i azotorg. soed. v nefti i nefteprod. 3:43-49 '60.

REED, JOHN, 1887-1920
Story about an unwritten book (to be continued). E. Drabkina. Novyi mir 37 no. 6:135-170 Je '61.
Story about an unwritten book (conclusion). E. Drabkina. Novyi mir 37 no. 7:191-230 Jl '61.

REED PRODUCTS
Building prefabricated gypsum reed panel houses. D. Gol'dberg, S. Rendina, S. Serzhantov. Strol. i arkhit. 9 no. 4:19-21 Ap '61.

REFLECTION (OPTICS)
Reflection spectra of some inorganic compounds in a medium of organic liquids. B. V. Ozimov, IU. N. Vol'nov. Izv. vys. ucheb. zav.; khim. i khim. tekh. 4 no. 1:28-32 '61.

REFLEXES
Changes in the reflexes from the carotid chemoreceptors following chemical irritation of the skin. A. A. Kolpakov. Vrach. delo no. 4:142-143 Ap '61.
Effect of hypoglycemia on certain forms of inhibition of the knee-jerk reflex. E. B. Arushanian. Fiziol. zhur. 47 no. 4:510-516 Ap '61.
Effect of pharmacological substances on the functional lability of various links of the reflex arch. V. V. Zakusov. Vest. AMN SSSR 15 no. 2:14-20 '60.
Effect of vibrations on certain characteristics of the flexor reflex [with summary in English]. N. I. Galat. Trudy LSGMI 61:29-36 '60.
Modification of the thermoregulatory reflex in various stages of vibration sickness, preliminary report [with summary in English]. IU. S. Korlukaev. Trudy LSGMI 61:68-72 '60.
Some ontophylogenetic relationships in the development of the structural basis of the reflex activity of the organism [with summary in English]. G. I. Poliakov. Arkh. anat. gist. i embr. 38 no. 2:3-23 F '60.

REFORESTATION
Dokatov, N. E. [Measures for forest regeneration in mechanized logging] Meropriiatii po vozobnovleniiu lesa pri mekhanizirovannykh lesozagotovkakh. Moskva, Goslesbumizdat, 1961. 277 p. (DA)
First successes of cooperation. A. Marusov. Les. prom. 39 no. 6:29 Je '61.
Role of natural regeneration before and after clear-cutting in whortleberry-spruce forests of the northern trans-Ural region. N. I. Mamonov. Izv. vys. ucheb. zav., les. zhur. 4 no. 2:24-28 '61.

REFRACTION
Effect of the crystal field on the size of ion refractions. S. S. Batsanov, L. N. Mazalov. Izv. Sib. otd. AN SSSR no. 5:46-50 '61.

REFRACTION, ASTRONOMICAL
Newton's correspondence. A. S. Krymov. Priroda 50 no. 7:98 Jl '61.

REFRACTION, DOUBLE
Slide rule for determining birefringence (γ-α) values by means of a calcite rotating compensator. V. I. Matveev. Izv. vys. ucheb. zav., geol. i razv. 2 no. 12:103-108 '59.

REFRACTIVE INDEX
Reflection spectra of some inorganic compounds in a medium of organic liquids. B. V. Ozimov, IU. N. Vol'nov. Izv. vys. ucheb. zav.; khim. i khim. tekh. 4 no. 1:28-32 '61.
Structure of plastic scintillators. Part 3. Study of the temperature dependence of the refraction index and the determination of temperature transition points [with summary in English]. E. E. Baroni. Vysokom. soed. 3 no. 7:956-959 Jl '61.

REFRACTORIES INDUSTRY
(see also subdivision under Podol'sk)
Nikulin, V. M., and G. Kh. Iskhakov. [Labor productivity growth potentials in refractory materials production] Rezervy rosta proizvoditel'nosti truda v ogneupornom proizvodstve. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1961. 86 p.
Twenty-second Congress of the CPSU deserves a worthy greeting. Ogneupory 26 no. 6:201-207 '61.

REFRACTORIES INDUSTRY—LABOR PRODUCTIVITY see subdivision under Podol'sk

REFRACTORIES INDUSTRY—QUALITY CONTROL see subdivision under Moscow Province

REFRACTORY CONCRETE
Heat-resistant concrete and reinforced concrete. K. Kartashov, K. Nekrasov, F. Mel'nikov. Stroitel' no. 5:29 My '61.

REFRACTORY MATERIALS
(see also subdivision under Kazakhstan)
Automation of the system of drying runner articles in a tunnel drier. V. S. Turchaninov and others. Ogneupory 26 no. 5:225-230 '61.
Conveyor belt drier for fireclay articles. A. V. Dem'ian, S. A. Papin. Ogneupory 26 no. 5:222-225 '61.
Heat resistance problems in nuclear engineering. I. B. Fridman and others. Atom. energ. 10 no. 6:604-613 Je '61.
Improving testing methods and the quality control system for refractories. R. L. Pevzner. Ogneupory 26 no. 5:242-243 '61.
Interaction of ferrous melts with chrome-magnesite refractories. S. M. Zubakov. Izv. AN Kazakh. SSR Ser. met., obog. i ogneup. no. 1:92-100 '61.
Results and objectives of research on the life of refractories at enterprises of nonferrous metallurgy in Kazakhstan. T. V. Demikhova. Trudy Inst. met. i obogashch. AN Kazakh. SSR 3:58-66 '60.
Smelting refractory materials in the OKB-514 electric furnace and manufacturing articles from them. E. S. Ivanov, A. N. Gandu, G. F. Guzenko. Ogneupory 26 no. 5:214-220 '61.
Solomin, N. V. [Refractories for glass furnaces; production and use] Ogneupory dlia steklovarennykh pechei, proizvodstvo i primenenie. Izd. 2., perer. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 185 p.
Study of Ukrainian clays and kaolins as potential raw material for the production of high-density refractories [with summary in English]. N. F. Kozyrnits'kyi. Dop. AN URSR no. 6:776-778 '61.
"Trudy" of the Eastern Refractories Institute, no. 2. Book review. Ogneupory 26 no. 5:247-248 '61.

REFRACTORY MATERIALS—TESTING
Phase constitution of spinelides in chrome-magnesite refractories prior to and after service. S. M. Zubakov. Izv. AN Kazakh. SSR, Ser. met., obog. i ogneup. no. 1:84-91 '61.
Strength and changes in the strength of giaog refractories under the effect of heating up to 1500°. M. D. Shchegolova, A. N. Podgornyi, S. I. Shcheglov. Izv. vys. ucheb. zav.; chern. met. 4 no. 6:164-167 '61.

REFRIGERATION AND REFRIGERATING MACHINERY
Badyl'kos, I. S., and R. L. Danilov. [Refrigeration systems with steam-jet units as booster compressors] Sistemy okhlazhdeniia s primeneniem parostruinykh priborov v kachestve buster-kompressorov. Moskva, Gos. izd-vo torg. lit-ry, 1961. 27 p.
Cooling fried fish in a stream of air and in vacuum. G. Kh. Moldavskii and others. Ryb. khoz. 37 no. 5:72-74 '61.
Freon compressors with low refrigeration. V. V. Veitsman. Standartizatsiia 25 no. 6:60-61 Je '61.

REFRIGERATION ON SHIPS
Good helper for mechanics ["Refrigerator plants on ships" by A. G. Aksenov. Reviewed by V. Tokarev and others]. Rech. transp. 20 no. 6:30 Je '61.

REFRIGERATOR CARS
Shatskaia, E. P. [Practices of the over-all mechanization of the servicing of refrigerator cars] Opyt kompleksnoi mekhanizatsii ekipirovki vagonov-ledilnikov. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 29 p.

REFUSE AND REFUSE DISPOSAL see subdivision under Moscow

REGENERATION (BIOLOGY)
Regeneration of tubular bones (tibia) in rats under conditions of lowered basal metabolism. S. A. Ivarova, IU. D. Sorokina. Vest. Mosk. un., Ser. 6: Biol., pochv. 16 no. 2:5-14 My-Je '61.

REGENERATION (BIOLOGY)—CONGRESSES
Second conference on regeneration and cell multiplication. L. D. Liozner, V. N. Doberkhotov. Usp. sovr. biol. 51 no. 3:391-396 My-Je '61.

REGENERATION (BOTANY)
Significance of oxidation-reduction conditions for callus and root regeneration in Phaseolus cuttings [with summary in English]. N. A. Gorlanov. Biofizika 6 no. 3:339-350 '61.

REGIONAL PLANNING
(see also subdivision under Nolinsk District; Ukraine)
Let's pay more attention to principles of engineering geology in planning. A. Khmelevskii. Arkhit. SSSR no. 3:16 '61.
Valuable manual on regional planning ["Regional planning; problems of planning industrial regions" by B. I. Bogorad. Reviewed by G. Frumin). Arkhit. SSSR no. 5:51 '61.

REHABILITATION OF CRIMINALS

The legal status of control committees and their role in the administration of corrective labor. A. E. Natashev. Sov. gos. i pravo 31 no. 7:114-119 Jl '61.

REINDEER—DISEASES AND PESTS

Brucellosis in the Far North. Report No. 1. Brucellosis in reindeers [with summary in English] I. I. Cherchenko. Zhur. mikrobiol. epid. i immun. 32 no. 3:135-138 Mr '61

REINFORCED CONCRETE

(see also subdivision under Leningrad; Moscow; Novosibirsk; Riga, Ukraine, Vilnius)

Action of temperature and loading on two-hinged frames. V. M. Milonov. Bet. i zhel.-bet. no. 5:213-218 My '61.

Akademiia stroitel'stva i arkhitektury, SSSR. Leningradskii filial. [Three-dimensional mesh-reinforced concrete articles] Armotsementnye prostranstvennye konstruktsii; sbornik nauchnykh soobshchenii. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 138 p.

Artificial regulation of strains in statically indeterminate reinforced concrete articles. L. P. Makarenko. Bet. i zhel.-bet. no. 5:236-240 My '61.

Centrally compressed prestressed elements with spiral-mesh reinforcement. G. A. Gambarov. Bet. i zhel.-bet. no. 4:164-170 Ap '61.

Combined technique of preparing reinforced concrete elements. V. N. Pavlov, A. P. Smirnov, B. N. Khodulin. Stroi. i arkhit. Len. 23 no. 4:29-30 Ap '61.

Glass-cement articles. K. Birlukovich, D. Birlukovich. Stroi. i arkhit. 9 no. 4:25-28 Ap '61.

In celebration of the 22d Congress of the CPSU. Bet. i zhel.-bet. no. 5 193-194 My '61.

Mechanized preparation of mesh-reinforced 3-dimensional elements. V. D. Evdokimov, I. A. Lobanov, E. I. Mitrofanov. Stroi. i arkhit. Len. 23 no. 4:22-23 Ap '61.

Mesh-reinforced concrete tanks. IA. Rudenko. Stroitel' no. 5:5-6 My '61.

New reinforced concrete elements in building the signal system. A. T. Mazalov, N. F. Muchkin. Transp. stroi. 11 no. 5:10-12 My '61.

On the agenda of the day are the problems of mesh-reinforced concrete. Stroi i arkhit. Len. 23 no. 5:27 My '61

Plastic reinforced concrete and its future. S. S. Davydov. Bet. i zhel.-bet. no. 4:162-164 Ap '61.

Reinforced concrete boxes and trays can be highly changeable. G. S. Mitnik. Bet. i zhel.-bet. no. 4:186-188 Ap '61.

Site for manufacturing precast reinforced concrete articles. M. K. Smekhov, D. I. Kagalovskii. Avt. dor. 24 no. 5:12-14 My '61.

Strength increase and linear deformations of concrete during steaming. S. A. Mironov, L. A. Malinina, V. A. Fedorov. Bet. i zhel.-bet. no. 4:170-174 Ap '61.

Supporting joints of reinforced-concrete trusses. IU. V. Chinenkov, T. N. Kozhevnikova. Bet. i zhel.-bet. no. 5: 229-231 My '61.

Welded reinforced concrete trusses. Stroi. i arkhit. Len. 23 no. 5:40 My '61.

REINFORCED CONCRETE—STANDARDS

Industrywide standardization is the basis of further improvement in the assortment of precast reinforced concrete articles. L. G. Landau, IA. P. Vatman. Prom stroi. 38 no. 4:46-48 '61.

REINFORCED CONCRETE—TESTING

Effect of one-sided initial heating on the bearing capacity of reinforced concrete shells. V. M. Rodin. Transp. stroi. 11 no. 5:43-45 My '61.

Experimental testing of mesh-reinforced concrete articles. Stroi i arkhit. Len. 23 no. 5:3 cover My '61.

Two-ply prestressed reinforced-concrete beams. V. G. Savchenko-Bel'skii. Bet. i zhel.-bet. no 5:231-234 My '61.

REINFORCED CONCRETE CONSTRUCTION

(see also subdivision under Leningrad; Saulial; Stalino Province)

Akademiia stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Concrete and reinforced-concrete work in building monolithic structures] Betonnye i zhelezobetonnye raboty pri vozvedenii monolitnykh sooruzhenii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 362 p. (Serila posobii po povysheniiu masterstva stroitelei)

Designing reinforced-concrete facing slabs of earth structures for wave impact. V. F. Kanarskii, Gidr. stroi 31 no. 5:37-41 My '61.

Factories for large-panel housing construction on collective and state farms. V. A. Girskii, N. N. Davydov. Bet. i zhel.-bet. no. 4:147-151 Ap '61.

Fire resistance of thin-walled panels made of mesh-reinforced sand concrete. A. I. IAkovlev and others. Bet. i zhel.-bet. no. 5:224-228 My '61.

Glass concrete heating panels. Stroi. i arkhit. 9 no. 5: 39 My '61.

Guyed roof for industrial buildings. P. Alefirenko. Na stroi. Ros. no. 2:8-9 F '61.

Large-scale reinforced-concrete elements for the roof of a bearing factory shop in Minsk. G. S. Idel'chik. Bet. i zhel.-bet. no. 4:177-179 Ap '61

Let's introduce thin-walled shell roofs more widely. Stroi. i arkhit. 9 no. 5:37 My '61.

Mesh-reinforced shell for the exhibition pavilion in Erivan. IU. O. TSekhnovitser, L. M. Gevorkian, I. K. Novodvorskaia. Stroi. i arkhit. Len. 23 no. 4:34-35 Ap '61.

New model precast tank. N. IA. TSukerman Stroi. i arkhit Len 23 no. 5:39-40 My '61.

Reinforced-concrete elements for farm buildings. A. F. Popov, K. T. Chunikhin, E. G. Mel'nikov. Bet. i zhel.-bet. no. 5 205-206 My '61.

Reinforced concrete shell of precast elements for the roof of a circus in Kiev. M. S. Gutman, S. A. Rivkin, I. A. Skachkov. Bet. i zhel.-bet. no. 4 177-179 Ap '61.

Thin-walled reinforced concrete three-dimensional shells. K. Glukhovskii, A. Ivoflov, G. Shagal Na stroi. Ros. no 1 10-13 Ja '61.

Thin-walled shell of precast-mesh reinforced elements. L. Gevorkian, IU. TSekhnovitser, I. Novodvorskaia. Arkhit. SSSR no. 3:37-38 '61.

Three-dimensional precast reinforced concrete elements of roofs for industrial buildings. A. Rogozinskii, M. Rubinchik, R. Shishkin. Arkhit. SSSR no. 3:39-41 '61.

Trigalov, V. N., V. O. Chebotarevich, and S. M. Skorogagatov. [Reinforced-concrete beds for machine tools] Zhelezobetonnye stanины metallorezhushchikh stankov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960.

Ways of prestressing cylindrical reinforced-concrete tanks. K. G. Kuz'min. Bet. i zhel.-bet. no. 5:201-204 My '61.

REINFORCED CONCRETE CONSTRUCTION—EQUIPMENT AND SUPPLIES

Helping the assemblers of series 1-464 large-panel houses. G. Grechushnikov, M. Dil'din. Stroitel' no. 5:19-21 My '61.

RELATIVITY (PHYSICS)

Conservation laws in the general theory of relativity [with summary in English]. M. E Gertsenshtein. Zhur. eksp. i teor fiz. 40 no. 1:114-122 Ja '61.

Discussing A. K. Manaev's book "Critical evaluation of the general principles of the theory of relativity." I. A. Alekseev. Vop. filos. 15 no. 6:130-152 '61.

[New problems in physics] Novye problemy fiziki; sbornik statei. Moskva, Izd-vo "Znanie," 1961. 44 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 9, Fizika i khimiia, no. 7)

RELIGION

(see also subdivision under Kazakhstan)

Casual talks ("Knowledge and faith in God "Reviewed by M Skibitskii). Nauka i zhizn' 28 no. 5:62-63 My '61.

Excavations at the desk, notes of a bibliographer. S. Vladimirov. Nauka i zhizn' 28 no. 5:75 My '61.

For man, and against God. P. Eran. Sov. pech. no. 7: 23-24 Jl '61.

RELIGION—CONTROVERSIAL LITERATURE

History of religion and atheism ("At the sources of religion and freethinking" by IU. P. Frantsev. Reviewed by D. E. Khalton). Vop. filos. 15 no. 6:166-169 '61.

Socialist humanitarianism and religious "love for mankind." M. D. Tovkach Voiov. ateist no. 2:8-10 F '61.

Sukhov, A. D. [Social and gnosiological sources of religion] Sotsial'nye i gnoseologicheskie korni religii. Moskva, Izd-vo Akad. nauk SSSR, 1961. 138 p.

RELIGION AND POETRY

Our bard's words will live forever P. Dovhaliuk. Voiov. ateist no 3:13-19 Mr '61.

REMEZOV, NIK PETROVICH, 1899-1961

Nik Petrovich Remezov; obituary. Pochvovedenie no. 6: 114-117 Je '61.

REMOTE CONTROL

Industrial SRP-3 remote control system [with summary in English]. M. G. Geshelin, B. M. Levin, A. G. Mamikonov. Avtom. i telem. 22 no. 7:950-953 Jl '61.

Interference rejection of a FM remote control system in the presence of fluctuational interferences [with summary in English] IU. I. Chugin. Avtom. i telem. 22 no 5:664-678 My '61.

Katkov, F. A. [Multifrequency narrow-band remote control systems] Mnogochastotnye uzkopolosnye sistemy teleupravleniia. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1960. 207 p.

Mercury slip rings. V. A. Chernyshev, F. G. Gula, V. K. Khromov. Dokl. TSKhA no 68 167-175 '61.

Modernization of the remote control equipment for mine electric locomotives. V. I. Ermolaev, E. G. Zaplechnyi. Gor. zhur. no. 6:46-48 Je '61.

New system of remote control for scraper hoists. V. A. Daliuk. Gor. zhur. no. 4:48-52 Ap '60.

Over-all remote control system for irrigation works. V. A. Zhozhikashvili, R. V. Bilik. Vest. AN SSSR 31 no 5:75-77 My '61.

Remote control of the cutouts of a high-voltage line. V. S. Skaballanovich. Avtom., telem. i sviaz' 5 no. 4: 21-25 Ap '61.

Remote control of welding current M. M Ladyzhenskii Sudostroenie 27 no 6 66 Je '61

Remote-control recording of log and time-indicator readings. L. Lezgin. Mor. flot 21 no. 2,20-21 F '61.

REMOTE CONTROL—EQUIPMENT AND SUPPLIES

Likhachev, V. A. [Multichannel high-speed RUMB-2 recording device] Mnogokanal'noe bystrodeistvuiushchee registriruiushchee ustroistvo RUMB-2. Moskva, Gos. energ. izd-vo, 1961. 61 p. (Biblioteka po avtomatike, no. 23)

[MICROFILM]

REPAIR AND SUPPLY STATIONS see subdivision under Daugavpils

REPLACEMENT OF INDUSTRIAL EQUIPMENT see subdivision under Armenia; Gorkiy Province

REPORTERS AND REPORTING

A discussion on reporting. R. I Vest. Mosk. un. Ser. 7. Filol., zhur. 16 no 3:92-93 My-Je '61.

REPRODUCTION

Longevity and reproduction cycles in finback whales. V. A Zemskii. Trudy sov. ikht. kom no 12 60-67 '61

Studies on the reproduction of anchovies and sardines in the Maritime Territory N V Khrapkova. Trudy Inst. okean. 43:309-319 '61

REPTILES see subdivision under Kirghizistan

REPTILES—EGGS

Egg clutches of some reptiles [with summary in English]. N. N. Shcherbak. Zool. zhur. 10 no. 6:941-942 Je '61.

Grass snake eggs. Priroda 50 no 7:112-113 Jl '61.

RESCUE WORK

Effectiveness of the maneuver executing the order "man overboard." IU. Shvarev, I. Shustov. Mor. flot 21 no. 3:17 Mr '61.

RESEARCH

(see also subdivision under Chita; Siberia; Ukraine)

Appeal of the All-Union Conference of Scientific Personnel to all scientific personnel in the Soviet Union. Vest. AN SSSR 31 no. 7 9-11 Jl '61.

At the All-Union Conference of Scientific Personnel. Vest AN SSSR 31 no. 7:12-13 Jl '61.

Discussion of M. V. Keldysh's speech. L. A. Artsimovich and others. Vest. AN SSSR 31 no. 7:40-89 Jl '61.

For a close connection between science and society. A. N. Kosygin. Vest. AN SSSR 31 no. 7:90-100 Jl '61.

For further flourishing of research in institutions of higher learning. Vest vys shkoly 19 no 6 4-6 Je '61

Introductory address. A V. Palladin. Dop. AN URSR no. 5 554-557 '61

Scientist's work and the science community N S. Arzhanikov Vest vys shkoly 19 no 6 75-80 Je '61.

Some future problems in scientific development. A. Topchiev. NTO 3 no. 6:3-7 Je '61.

Soviet science and the development of communism. M. V. Keldysh. Vest. AN SSSR 31 no. 7:14-39 Jl '61.

RESEARCH—CONGRESSES

Reception at the Great Kremlin Palace. Vest. AN SSSR 31 no. 7:107-108 Jl '61.

To the All-Union Conference of Scientific Personnel. Vest. AN SSSR 31 no. 7:3-5 Jl '61.

To the Central Committee of the CPSU and the Council of Ministers of the U. S. S. R. Vest. AN SSSR 31 no. 7: 6-8 Jl '61.

RESEARCH, INDUSTRIAL

The role of science in the establishment of the economic and technical foundation of communism [with summary in English, p. 194]. I. G. Kurakov. Vop. filos. 15 no. 6:18-32 '61.

Speed up the introduction of research work in industrial production. A. G. Tabakov. Bezop. trud v prom. 5 no. 7:5-6 Jl '61.

Toward the 22d Congress of the CPSU. Vest. vys. shkoly 19 no. 8:8-9 Je '61.

RESERPINE

Immunological reactivity in patients with schizophrenia during treatment with insulin and neuroleptic drugs [with summary in French]. L. S. Kulikov. Zhur. nevr. i psikh. 61 no. 2:201-207 '61.

Reserpine (serpasil) in the clinical management of internal diseases. P. I. Mishchenko. Sov. med. 25 no. 4:119-123 Ap '61.

RESERPINE—TOXICOLOGY

Toxicity of reserpine [with summary in English]. L. V. Pesakhovich. Sov. med. 25 no. 4:133-136 Ap '61.

RESERVOIR SEDIMENTATION

Pond silting. I. N. Sorokin, L. V. IAkovleva. Trudy Lab. ozeroved. 10:160-165 '60.

RESERVOIRS

Mineralization calculations for reservoir waters. A. P. Braslavskii. Gidrokhim. mat. 32:72-80 '61.

Nature of the movement of water masses near the dam in Tsimlyansk, Gorkiy, Kuybyshev, and Stalingrad Reservoirs A. A. Zenin, V. I. Rogozhkin, N. G. Iesenko Gidrokhim. mat. 32:113-121 '61

Projects to be carried out. G. L. Sarukhanov. Nauka i zhizn' 28 no. 5:16 My '61

Zonal conference on the typology of biological foundation of the use of inland (fresh-water) bodies of water in commercial fishing in the southern zone of the U S S R M S Burnashev. Vop. ikht. 1 no. 2 371-376 '61

RESINS see Gums and resins

RESINS, SYNTHETIC
(see also subdivision under Armenia)

Akademiia stroitel'stva i arkhitektury SSSR. Institut osnovanii i podzemnykh sooruzhenii. [Instructions for the stabilization of sandy soils with carbamide resin] Ukazaniia po zakrepleniiu peschanykh gruntov karbamidnoi smoloi. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 17 p.

Use of some materials from polychlorvinyl in otorhinolaryngology. G. N. Grigor'ev. Zhur. ush., nos. i gorl. bol. 20 no. 4:61-62 Jl-Ag '60.

RESISTANCE TO INSECTICIDES

Institut meditsinskoi parazitologii i tropicheskoi [meditsiny im. E. I. Martsinovskogo. [Resistance of arthropods to insecticides] Ustoichivost' chlenistonogikh k insektitsidam. Pod red. V. N. Beklemisheva i V. P. Derbenevoi-Ukhovoi. Moskva, 1960. 255 p.

RESORCINOLPHTHALEIN see Fluorescein

RESPIRATION

Breathing and breathing exercises in work callisthenics D. P. Klimenko. Teor. i prak. fiz. kul't 23 no. 12 940-941 '60

Change in the functions of breathing during the process of training underwater athletes. A. IA. Kuz'michev. Teor. i prak. fiz. kul't 24 no. 6:434-436 '61

Changes in the respiratory component of the conditioned food reaction during the interaction of defensive and food dominants in dogs [with summary in English]. IU. A. Makarov. Zhur. vys. nerv. deiat. 11 no. 2:273-280 Mr-Ap '61.

Conditioned reflex changes in the respiratory gas exchange and bioelectric activity of the brain and skeletal muscles. R. P. Ol'shanskaia, G. A. Trubitsyna. Dokl. AN SSSR 138 no. 5:1245-1247 Je '61

Contractile properties of respiratory muscles in adult and newborn animals V. D. Glebovskii. Fiziol. zhur. 47 no. 4:427-435 Ap '61

Determination of the rate of oxygen dissociation and of the intensity of respiration in micro-organisms by means of gas analyzers. K. K. Ivanov, S. A. Lirova, T. A. Davydova. Lab. delo 7 no. 7:45-48 Jl '61

Disturbances in external respiration in thoracic surgery. Report No. 1: Changes in respiration in relation to the position of the patient on the operating table [with summary in English]. G. V. Gultaev. Eksper. khir. 4 no. 6:30-37 N-D '59.

Do you know how to breathe? M. E. Marshak. Zdorov'e 7 no. 7:9-11 Jl '61.

Effect of chlortetracycline and terramycin on the blood picture, blood pressure, pulse frequency, and respiration in dogs [with summary in English]. A. M. Dumova. Farm. i toks. 24 no. 2:186-191 Mr-Ap '61.

Effect of general vertical vibrations on certain physiological functions in man [with summary in English] Tsiui Chzhun-sian [Ch'in Chung-hsiang]. Trudy LSGMI 61:159-167 '60

Effect of general vertical vibrations on the level of oxygen requirement in rats [with summary in English]. S. I. Karchmazh. Trudy LSGMI 61:168-174 '60

Pulmonary gas exchange in different cow strains under conditions of a hot climate. I. Z. Akhmetov. Uzb. biol. zhur. no. 3:72-76 '61.

Significance of vascular reactions coupled with the respiration. F. F. Ogienko. Fiziol. zhur. 47 no. 4: 442-448 Ap '61.

RESPIRATORS

Apparatus for artificial respiration during anesthesia. IU. S. Gal'perin. Med. prom. 15 no. 5:34-36 My '61.

Apparatus 203 for artificial respiration during inhalation anesthesia. R. L. Kotras. Med. prom. 15 no. 5:52-54 My '61.

Means for individual protection of respiratory organs. Bezop. truda v prom. 5 no. 6:39 Je '61.

Resuscitation of newborns subject to asphyxia neonatorum by means of apparatus used in artificial respiration. M. I. Koretskii. Akush. i gin. 37 no. 1:31-36 '61.

RESPIRATORS—TESTING

Ten minutes instead of 48 hours for inspecting and drying of oxygen equipment. A. Plunov. Pozh. delo 7 no. 6:23 Je '61.

RESPIRATORY ORGANS

Functional morphology of respiratory organs in toothed cetaceans. A. V. IAblokov. Trudy sov. ikht. kom. no. 12:78-86 '61.

Some cytological features of the nuclear type of cell protein synthesis exemplified in a study of the ganglionic neuron of the retina. V. IA. Brodskii. Tsitologiia 3 no. 3 312-326 My-Je '61

RETTING

How drying and dew retting flax on stubble affects the quality of fiber. B. A. Dospekhov. Dokl. TSKhA no. 59-97 '60.

Improving the retting of flax with bacterial ferments [with summary in English] E. I. Dudarev, Z. S. Markova. Trudy VNIIL no. 6 253-265 '60

Problems of developing an effective method for aerobic flax retting in combination with watering [with summary in English] A. L. Peskin. Trudy VNIIL no. 6 243-252 '60

REVOLUTIONS see subdivision 'February Revolution, 1917' under Moscow; subdivision 'Revolution, 1917-1921' under Buryat-Mongolia, Kirghizistan, Russia, Siberia, Turkestan, Ukraine, Uzbekistan

REWARDS (PRIZES, ETC.)

Awarding of name prizes for 1961 Vest. AN SSSR 31 no. 6:85 Je '61

Awards to medical personnel. Zdrav. Bel. 7 no. 5 75-77 My '61

Brief news. Zhur. ush., nos. i gorl. bol. 21 no. 2:96 Mr-Ap '61.

Gold medals and name prizes of the Soviet Academy of Sciences. Vest. AN SSSR 31 no. 7:109-110 Jl '61.

Regulations for awarding prizes to the administrative personnel, engineers, and employees of geological organizations. Razved i okh. nedr 26 no. 2 52-54 F '60.

Rewards for participation in the Exhibition of the Achievements of the National Economy of the U S S R Mar'iot 21 no. 8 45 Je '61.

RH FACTOR

Two cases of complications related to the transfusion of Rh-incompatible blood. R. P. Kogan, I. R. Zak. Sov. med. 25 no. 4 137-141 Ap '61.

RHENIUM
(see also subdivision under Kazakhstan)

Research on rhenium carried out by the Institute of Metallurgy and Ore Dressing of the Academy of Sciences of the Kazakh S. S. R. K. B. Lebedev. Trudy Inst. met. i obogashch. AN Kazakh. SSR 3:85-89 '60.

RHENIUM—METALLURGY

Rhenium recovery from copper concentrates. K. B. Lebedev, S. A. Ageev Izv. AN Kazakh. SSR. Ser. met., obog. i ogneup. no. 1 48-54 '61.

RHENIUM ALLOYS—ANALYSIS

Determination of rhenium in alloys [with summary in English]. D. I. Riabchikov, A. I. Lazarev. Zhur. anal. khim. 16 no. 3:366-367 My-Je '61.

RHEUMATIC FEVER

Brief news. Zhur. ush., nos. i gorl. bol. 20 no. 4:96 Jl-Ag '60.

Change in the permeability of the sanguiferous capillaries and of the fractional erythrocyte sedimentation reaction in various forms and phases of rheumatic fever in adults K. P. Efanova. Zdravookhranenie 2 no. 4:22-26 Jl-Ag '59.

Changes in the peripheral nervous system in rheumatism G. M. Bekker. Arkh. pat. 23 no. 5:30-37 '61

Condition of the lymphoid ring of the pharynx in children in the preparoxysmal and acute periods of rheumatic fever. V. D. Gotskaia. Zdravookhranenie 2 no. 4:26-33 Jl-Ag '59.

Data on the serological nature of rheumatic fever in children. Report No. 1: Serum antihyaluronidase in children with rheumatic fever [with summary in English]. V. IA. Fel'. Zhur. mikrobiol. epid. i immun. 31 no. 11:132-136 N '60.

Data on the serological characteristics of rheumatism in children. Report No. 2: On antibodies to M-substance of various serological types of hemolytic streptococci and sera of children with rheumatism [with summary in English]. V. IA. Fel'. Zhur. mikrobiol. epid. i immun. 32 no. 1:65-68 Ja '61

Diagnostic significance of certain immune reactions in rheumatic fever [with summary in English]. I. M. Lazpert and others. Zhur. mikrobiol. epid. i immun. 32 no. 3:35-43 Mr '61.

Further considerations on the epidemiology of rheumatic fever in children [with summary in English]. V. N. Dodonov, E. V. Tavrovskaia. Zhur. mikrobiol. epid. i immun. 31 no. 11:136-141 N '60.

Immunological indexes of the activity of rheumatic fever in children at various stages of the diseases [with summary in English] Zh. Zh. Rapoport, A. M. Smirnova. Zhur. mikrobiol. epid. i immun. 32 no. 4 46-49 Ap '61

Myocardial infarct in a patient with rheumatic fever. A. B. Zborovskii, V. S. Piskov. Vrach. delo no. 4: 127-130 Ap '61.

Possibility of detecting granulomas in the palatal tonsils [with summary in English]. G. N. Popova. Zhur. ush. nos. i gorl. bol. 21 no. 2:8-12 Mr-Ap '61.

RESPIRATORY ORGANS—DISEASES

Aerosol therapy of the respiratory organs by aspiration of moist cold-vapor condensates [with summary in English]. A. K. Kiselev. Zhur. ush., nos. i gorl. bol. 21 no. 2:44-46 Mr-Ap '61.

Condition of the upper respiratory tracts and of the auditory organ in workers subjected to the action of antimony trioxide dust [with summary in English]. A. V. Luzina. Zhur. ush., nos. i gorl. bol. 20 no. 4 44-48 Jl-Ag '60.

Inhalation of oxygen in chronic respiratory insufficiency. S. N. Sorinson. Vrach. delo no. 4 20-24 Ap '61.

Materials on the problem of treating chronic inflammations of the mucosa of the upper respiratory tracts under conditions of the Gelendzhik Health Resort [with summary in English]. A. A. Akimov, E. A. Volkov, N. K. Satsunkevich. Zhur. ush., nos. i gorl. bol. 20 no. 4:48-53 Jl-Ag '60.

RESPIRATORY ORGANS—FOREIGN BODIES

Diagnosis of simulated foreign bodies in the trachea and bronchi [with summary in English]. A. A. Kantor. Zhur. ush., nos. i gorl. bol. 20 no. 5:26-30 S-O '60.

Tactics in dealing with foreign bodies of the larynx, trachea, and bronchi. S. N. Iliadov, G. M. Bluvshtein. Zhur. ush., nos. i gorl. bol. 20 no. 5:72 S-O '60.

RESPIRATORY ORGANS—TUBERCULOSIS

New advances in the pathogenesis, pathomorphology, clinical aspects, and treatment of tuberculosis of the respiratory passages [with summary in English]. A. N. Voznesenskii. Zhur. ush., nos. i gorl. bor. 20 no. 5:18-21 S-O '60.

Reparative processes in tuberculosis of the upper respiratory tracts of patients treated with antibacterial preparations [with summary in English]. V. O. Ol'shanskii. Zhur. ush., nos. i gorl. bol. 20 no. 5:61-63 S-O '60.

RESPIRATORY ORGANS—TUMORS

Plan for the classification of tumors of the upper respiratory passages. N. A. Karpov. Zhur. ush., nos. i gorl. bol. 21 no. 3:5-13 My-Je '61.

REST

Effect of various kinds of rest on capacity for work and the change of the functional condition of visual and motor analyzers. V. S. Ivanov. Teor. i prak. fiz. kul't. 23 no. 9 677-680 '60.

RESTAURANTS, LUNCHROOMS, ETC.
(see also subdivision under Altai Territory; Novosibirsk)

Anureeva, V. A. [Principles of planning and design of public eating establishments] Osnovy proektirovaniia predpriiatii obshchestvennogo pitaniia. Moskva, Gos. izd-vo torg. lit-ry, 1961. 263 p.

RESTAURANTS, LUNCHROOMS, ETC.—ACCOUNTING

Matveenko, V. A., and A. D. Zykov. [Collection of problems on bookkeeping in public eating establishments; manual for students of commercial institutions of higher learning] Sbornik zadach po bukhgalterskomu uchetu v obshchestvennom pitanii; uchebnoe posobie dlia studentov torgovykh vuzov. Pod red. P. V. Mezentseva. Moskva, Gos. izd-vo torg. lit-ry, 1961. 101 p.

RESUSCITATION

Change in the conditioned reflex activity of dogs resuscitated after clinical death from blood loss in hypothermia [with summary in English]. T. IA. Pavlova. Zhur. vys. nerv. deiat. 11 no. 2:312-317 Mr-Ap '61.

RETAIL STORES see Stores, Retail

RETAIL TRADE
(see also subdivision under Ukraine)

[Trade abroad; organization, new methods, and equipment of trade and public food service.] Torg. za rub.; org., nov. metody, tekh. torg. i mass. pit. nos. 6-7 '61.

RETAIL TRADE—STATISTICS

Statistical study of the population's demand. S. Partigul. Vest. stat. no. 6:8-21 '61.

RETARDED CHILDREN see Children, Abnormal and backward

RETICULO-ENDOTHELIAL SYSTEM

Phagocytic activity of leukocytes and absorptive capacity of the reticuloendothelial system after the denervation of the carotid sinuses [with summary in English]. V. S. Zudin. Zhur. mikrobiol. epid. i immun. 31 no. 11:89-93 N '60.

RETINA

Interrelationships between the vessels and nerve structures of the retina [with summary in English] S. A. Shibkova. Arkh. anat. gist. i embr. 38 no. 2:38-47 F '60.

Rare forms of a disease of the blood vessels of the brain in rheumatic fever. I IA Shor. Zdravookhranenie 2 no. 4:18-22 Jl-Ag '59.

Rheumatic amentia. A. N. Molokhov, A. G. Nacu. Zdravookhranenie 2 no. 4:14-18 Jl-Ag '59.

Streptococcal antigens in the blood of patients with rheumatic fever [with summary in English] A. M. Khovanova. Zhur. mikrobiol. epid. i immun. 31 no. 3 114-119 Mr '60.

Treatment of rheumatic fever with butadione. E. I. Sedykina. Zdravookhranenie 2 no. 4 28-32 Jl-Ag '59.

Use of hormonal preparations in active rheumatic phases in children [with summary in English] R. L. Gamburg, O. G. Solomatina. Sov. med. 25 no. 1:63-67 Ap '61.

Work of the rheumatic fever section. L. B. Pevzner. Zdravookhranenie 2 no. 4 9-11 Jl-Ag '59.

RHEUMATIC HEART DISEASE

Late results of tonsillectomy in patients with chronic tonsillitis and rheumatic fever [with summary in English]. S. A. IArlykov. Zhur. ush., nos. i gorl. bol. 20 no. 5:63-67 S-O '60.

RHINOCEROS see subdivision under India

RHINOSCLEROMA

Amount of vitamin C in the urine of patients with scleroma before and following compound treatment [with summary in English]. E. A. Evdoshchenko. Zhur. ush., nos. i gorl. bol. 21 no. 3:45-49 My-Je '61.

Investigation of the fishes of the Pripet River Basin as bearers of the scleroma bacillus [with summary in English]. B. IA. El'bert and others. Zhur. ush., nos. i gorl. bol. 21 no. 2:39-44 Mr-Ap '61.

RHIZOSPHERE MICROBIOLOGY

Changes in the amount of the rhizosphere bacteria of lupine depending on the growth of plants and the presence of nutrients in soil. V. F. Nepomiluev. Doklady TSKhA no. 57 193-199 '60

Microflora of flax root system and its role in plant nutrition [with summary in English] E. F. Berezova, L. V. Sudakov. Trudy VNIIL no. 6 170-188 '60

RHODAMINE

Fluorescence method used in the determination of microamounts of metals in the form of compounds of metal-thiocyanate (halide) with a basic dye. Report No. 1: Determination of zinc by the fluorescence quenching of aqueous solution of rhodamine C [with summary in English]. A. K. Babko, Z. I. Chalaia. Zhur. anal. khim. 16 no. 3: 268-271 My-Je '61.

RHODANINE

Influence of substituents in molecules of 3-substituted rhodanines on the sensitivity of the reaction with a cation of copper. M. M. Turkevych, L. S. Assenheimer. Farmatsev. zhur. 16 no. 3:17-20 '61

Synthesis of 3-benzyl rhodanine and its derivatives. IU. M. Peshkevych. Farmatsev. zhur. 16 no. 3 10-12 '61.

RHODESIA AND NYASALAND—ECONOMIC CONDITIONS

Profits and federation. O. TSvetaev. Az. i Afr. seg. no. 3:53 Mr '61.

RHUBARB

Rhubarb. B. A. Bykov. Priroda 50 no. 7:118 Jl '61

RIBOFLAVIN

Human riboflavin requirement [with summary in English]. E. M. Maslenikova. Vop. pit. 20 no. 2 78-82 Mr-Ap '61.

RIBOT, THEODULE ARMAND, 1839-1916

Theodule Ribot (1839-1916) [with summary in English] O. M. Tutundzhian. Vop. psikhol. 7 no. 2:119-132 Mr-Ap '61.

RICE

Rice hulls as building material. IU. Vernikovskii. Sel'. stroi. 15 no. 4:17 Ap '61.

RICE—FERTILIZERS AND MANURES

Effect of fertilizers on the productivity of rice and the length of vegetation [with summaries in English, German, and French]. A. P. Dzhulai. Vest. sel'khoz. nauki 6 no. 6:20-22 Ja '61.

RICKETTSIA

Biological properties of Rickettsia mooseri after prolonged cultivation in the intestine of body lice. Report No. 4 [with summary in English] N. M. Balaeva. Zhur. mikrobiol. epid. i immun. 31 no. 11:81-84 N '60.

Detection of Rickettsia with the aid of luminescent antibodies [with summary in English]. E. N. Levina, N. M. Balaeva. Zhur. mikrobiol. epid. i immun. 31 no. 11: 22-25 N '60.

Effect of cortisone on the course of infection of the tick-borne rickettsiosis of northern Asia in animals [with summary in English]. N. N. Rybkina. Zhur. mikrobiol. epid. i immun. 32 no. 4:137-142 Ap '61.

Multiplication of Rickettsia in isolated mesothelial cells; preliminary report [with summary in English]. I. N. Kokorin, V. F. Ignatovich. Vop. virus. 6 no. 2:232-234 Mr-Ap '61.

Report No. 4 Influence of an avitaminotic diet on the possibility of isolating Rickettsia prowazeki from animals following an attack of experimental typhus fever. T. V. Bocharova. Zhur. mikrobiol. epid. i immun. 32 no. 5 96-97 My '61

Problem of the variability of R. burnetii [with summary in English]. A. I. Polozov, V. N. Pautov. Vop. virus. 6 no. 2 210-212 Mr-Ap '61.

Prolonged preservation of R. burneti cultures [with summary in English] V. N. Pautov, A. I. Polozov. Vop. virus 6 no. 2:213-217 Mr-Ap '61.

Some data on the survival of R. burneti on objects in the environment [with summary in English]. V. N. Pautov. Vop. virus 6 no. 2:217-219 Mr-Ap '61.

RICKETTSIA PROWAZEKII

Studies on the mechanism of action of biomycin and sekazin on Rickettsia prowazekii [with summary in English] E. P. Savitskaia, L. P. Zubok. Zhur. mikrobiol. epid. i immun. 32 no. 3:98-102 Mr '61.

RICKETTSIAL DISEASES see subdivision under Sevastopol

RIFLE PRACTICE

Training the 3d category marksman. A. Bukanov. Voen. znan. 37 no. 6:31-32 Je '61.

RIFLE RANGES

Make better use of ranges for air rifles. L. Serebrianyi. Voen. znan. 37 no. 7:34 Jl '61.

Rifle ranges. K. Toropov. Voen. znan. 37 no. 7:32-33 Jl '61.

RIFLES

Movable balance for a rifle. V. Shamburkin. Voen. znan. 37 no. 3:35 Jl '61.

RIGA—DOG BREEDERS' SOCIETIES

Operating on an independent budget. IA. Poltavets. Voen. znan. 37 no. 6:36 Je '61.

RIGA—LIBRARIES

Bibliographical keys to the collections of foreign literature in the Fundamental Library of the Academy of Sciences of the Latvian SSR. V. A. Zinkina. Opyt rab. bibliot. s inostr. lit. no. 2 15-20 '60.

RIGA—REINFORCED CONCRETE

Operations of the Riga reinforced-concrete element factory. R. P. Augshkap, IA. K. Mezhulis. Mekh. stroi. 18 no. 4:13-15 Ap '61.

RIGHT OF PROPERTY
(see also subdivision under United States)

Legal "objects" of collective farm property. O. A. Kichintova. Izv. vys. ucheb. zav., prav. 4 no. 1:73-83 '60

Present-day extension of the property rights of collective farms. M. I. Kozyr'. Sov. gos. i pravo 31 no. 7:46-57 Jl '61.

Property rights to residential buildings. P. E. Orlovskii. Sov. gos. i pravo 31 no. 7:60-66 Jl '61.

RINGS (ALGEBRA)

Description of spaces of maximum ideals of two classes of standardized rings. B. S. Mitiagin. Sib. mat. zhur. 2 no. 1:82-88 Ja-F '61.

One characteristic of a supernilpotent radical. V. A. Andrunakievich. Usp. mat. nauk 16 no. 1:127-130 Ja-F '61.

Rings satisfying minimum conditions for subrings. V. I. Shneidmiuller. Usp. mat. nauk 16 no. 1:179-183 Ja-F '61.

RINGWORM

Control of athlete's foot among workers of a plant producing rubber and industrial goods. N. N. Chumakov and others. Sov. med. 25 no. 5:149-151 My '61.

RISERS (FOUNDING)

Floating riserheads with ceramic rings. B. I. Penich, V. I. Khmirov, D. P. Ul'ianov. Stal' 21 no. 3, 225-227 Mr '61.

Heat insulation shells for risers. A. N. TSibrik. Lit. proizv. no. 6:14 Je '61.

RIVANOL

Case of necronephrosis following transmembranal use of rivanol. P. S. Shpychynets'ka. Ped., akush. i gin. 23 no. 1:62-64 '61.

RIVERS
(see also subdivision under Polesye; Shirvan)

Effect of drainage canals of catchment areas on the hydrological conditions of rivers. V. I. Marčenas, A. V. Jozapaitis. Gidr. i mel. 13 no. 6:38-41 Je '61.

Method of studying sedimentary formations in a stream channel. A. F. Kudriashov. Meteor. i gidrol. no. 7:28-32 Jl '61.

RIVERS—REGULATION

Geomorphological studies on which to base plans for improving the navigable conditions of rivers; experience of the Northern Dvina expedition of the Geography Department of Moscow University. N. I. Makkaveev, V. E. Ostanin, E. I. Sakharova. Vop. geog. no. 52 100-104 '61.

[Udin, P. S., and V. A. Maschev. [Mechanization of straightening operations] Mekhanizatsiia vypravitel'nykh rabot. Moskva, Izd-vo "Rechnoi transport," 1961. 131 p.

Projects to be carried out. G. L. Sarukhanov. Nauka i zhizn' 28 no. 5 16 My '61

RIVERS—TEMPERATURE see subdivision under Azerbaijan

RIZAL Y ALONSO, JOSÉ, 1861-1896

Jose Rizal [with English summary in insert]. M. Akopova. Az. i Afr. seg. no. 6 47-48 Je '61.

ROAD CONSTRUCTION
(see also subdivision under Golodnaya Steppe; Uren District; White Russia; Zaporozh'ye Province)

All road-building organizations deserve the experience of the best. Avt. dor. 24 no. 5 1-3 My '61

Bolchuk, V. S. [Pocket handbook for the road builder] Karmannyi spravochnik dorozhnika. Kiev, Gos. izd-vo lit-ry po stroit., arkhit. USSR, 1961. 254 p.

Calculating the elastic fill settlement of motortruck roads on swamps. A. A. Tkachenko. Izv. vys. ucheb. zav., les. zhur. 4 no. 2 73-78 '61

Developing a network of temporary roads for hauling lumber by tractor in hilly and mountainous regions. P. K. Reznikov. Izv. vys. ucheb. zav., les. zhur. 4 no. 2 83-90 '60.

Morozov, S. A. [Building stabilized earth roads for logging trucks] Stroitel'stvo lesovoznykh avtomobil'nykh dorog iz stabilizirovannogo grunta. Moskva, Goslesbumizdat, 1960. 199 p.

Potentials for saving metal in road building. A. A. Nikolaev. Avt. dor. 24 no. 5 14-15 My '61.

Putting down a rough surface of a road. V. A. Matuzkov. Avt. dor. 24 no. 5 23 My '61.

Putting down rough wearing surfaces. N. I. Igolkin, IU. A. Teropin. Avt. dor. 24 no. 5 17-18 My '61.

ROAD CONSTRUCTION—BIBLIOGRAPHY see Bibliography—Road construction

ROAD CONSTRUCTION—SAFETY MEASURES

There must be no accidents in road construction. P. V. Myl'nikov. Avt. dor. 24 no. 5 16 My '61

ROAD CONSTRUCTION—STANDARDS

Discussion concerning proposed standard technical specifications and roads. IU. S. Krylov, G. P. Filina. Avt. dor. 24 no. 5:32 My '61

ROAD CONSTRUCTION—TECHNOLOGICAL INNOVATIONS

Mechanization in surfacing work. M. IA. Dvorkin. Avt. dor. 24 no. 5 22 My '61

ROAD DRAINAGE

Installing an experimental culvert made of plastic concrete. S. I. Dediaev. Transp. stroi. 11 no. 5:15-17 My '61.

ROAD MACHINERY

Bromberg, A. A., and others. [Road machinery; an atlas of designs] Dorozhnye mashiny; atlas konstruktsii. Pod red. A. A. Bromberga. Izd. 2., perer. i dop. [Moskva] Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 153 p.

Combination road machine. V. Makarov, V. Zhizhin. Avt. dor. 24 no. 5 23 My '61.

D-530 mounted road cutter. A. S. Selenevich. Avt. dor. 24 no. 5:20-21 My '61

Machine for filling joints. E. I. Zavadskii. Avt. dor. 24 no. 5 19-20 My '61

New machines. Stroi. i dor. mash. 6 no. 5:34-36 My '61.

ROAD MACHINERY—BIBLIOGRAPHY see Bibliography—Road machinery

ROAD MACHINERY—MAINTENANCE AND REPAIR

Zelenkov, G. I., and others. [Principles of designing repair shops and repair of road machinery] Remont dorozhnykh mashin i osnovy proektirovaniia remontnykh predpriiatii. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shossoinykh dorog RSFSR, 1961. 500 p.

ROAD MACHINERY INDUSTRY—TECHNOLOGICAL INNOVATIONS see subdivision under Kharkov

ROADS see subdivision under Georgia

ROADS—CONGRESSES

Conference of chief engineers of road organizations of the Ministry of Automotive Transport and Highways of the R. S. F. S. R. IU. A. Petrov-Semichev. Avt. dor. 24 no. 5:31-32 My '61

ROADS—SURVEYING

Precision of geodetic operations in surveying roads and railroads. A. P. Volodin. Transp. stroi. 11 no. 5: 47-49 My '61.

ROADS, ICE

Ice roads. N. Kondrashov, Kh. Vishniakov. Tyl i snab. Sov. Voor. Sil. 21 no. 2 77-81 F '61.

Laws of mechanics on an icy track. L. Shugurov. IUn. tekh. 5 no. 3:33-35 Mr '61.

ROCK DRILLS
(see also subdivision under East Kazakhstan Province; Nizhniy Tagil region)

Boring with a sinker drill without axial force applied on the bit. I. N. Sidorov, A. V. Kuznetsov. Gor. zhur. no. 6 72 Je '61.

Characteristics of the trajectory of the movement of a rock drill in a working face area with boom-type manipulators. V. Sh. Sharipov. Trudy Inst. gor. dela AN Kazakh. SSR 7 139-151 '60.

Coefficient of efficiency of rock drills. V. D. Zinevich. Izv. vys. ucheb. zav., gor. zhur. no. 1:106-110 '61.

Effect of flowsheet and exhaust air parameters on the performance of sinker drills. N. T. Nered. Trudy Inst. gor. dela AN Kazakh. SSR 7:158-163 '60.

Effect of the degree of dullness of the cutting edge of a bore bit on the speed of boring. V. N. Kalin, P. N. Chertov. Gor. zhur. no. 6 41-42 Je '61.

Increasing the performance of percussion-cable drilling rigs. G. S. Shcherbak, N. A. Bogdanovskii, E. M. Goncharevich. Trudy Inst. gor. dela AN Kazakh. SSR 7 99-109 '60.

Katanov, B. A., and M. S. Safokhin. [Using rotary drilling rigs in coal beds] Stanki vrashchatel'nogo bureniia na ugol'nykh razrezakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 146 p.

Machine with two drills for boring holes. IU. S. Rofe. Stroi. truboprov. 6 no. 4:12 Ap '61.

Movable tower drilling rig. L. N. Lapekin. Gor. zhur. no. 5, 60-61 My '61.

PR-22 hand rock drill. A. G. Diadiura. Gor. zhur. no. 6 57 Je '61.

PR-24ℓ and PR-24ℓℓ pneumatic rock drills with a P-18ℓa pneumatic support. Shakht. stroi. 5 no. 5 3 of cover My '61.

PR-30ℓ pneumatic rock drill. Shakht. stroi. 5 no. 5: 4 of cover My '61.

PR-30ℓℓ pneumatic rock drill. Shakht. stroi. 5 no. 5: 3 of cover My '61.

Potapov, IU. F., and V. V. Simonov. [Breaking rock with small diameter, three-cone bits] Razrushenie gornykh porod trekhsharoshechnymi dolotami malogo diametra. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 85 p.

Recent developments by the special design section of the Leningorsk Combine. Gor. zhur. no. 5:71-72 My '61.

Relations between the degree of a clearance between the basic parts of rock drills and their operation. P. S. Khutornoi. Gor. zhur. no. 5:50-53 My '61.

Research on boring blastholes with roller bits in strip mines of the State All-Union Association for the Mining and Preparation of Asbestos and for the Manufacture of Asbestos Products. A. F. Sukhanov, P. P. Nazarov, B. N. Kutuzov. Gor. zhur. no. 5:34-37 My '61.

Rock drills with independent rotation of bits. S. G. Kaloshin, L. F. Osipovskii, V. A. IUrchenko. Trudy Inst. gor. dela AN Kazakh. SSR 7:152-157. '60.

SPR-11m pneumatic hand rock drill. Shakht. stroi. 5 no. 5 4 of cover My '61.

Using high-speed motion picture photography studying the impact action on rocks. N. I. Kulichikhin and others. Izv. vys. ucheb. zav., geol. i razv. 4 no. 4:128-129 Ap '61.

Welding of hard alloy tips with intermediate layers onto detachable rock drill bits. N. A. Klochko, M. V. Makhotkin, E. I. Suslov. Gor. zhur. no. 4 33-35 Ap '60.

ROCK DRILLS—MAINTENANCE AND REPAIR

Machine for straightening bore rods. V. F. Orlov, P. P. Istratii. Gor. zhur. no. 6 71 Je '61.

ROCK DRILLS—TESTING

Research on boring with a roller bit, carried out on the BSSH-1V rig-testing machine. V. D. Butkin, M. I. Kuliachok. Gor. zhur. no. 5:37-41 My '61.

ROCK PRESSURE
(see also subdivision under Krivoy Rog Basin; Mirgalimsay region)

Measuring stresses in rock massifs. V. I. Nikolin. Trudy Gor.-geol. inst. UFAN SSSR no. 54-43-50 '60.

ROCKETRY

"Rockets, missiles and space" (translated from the English) by W. Ley. Book review. Nauka i zhizn' 28 no. 5: 74 My '61.

ROCKETS (AERONAUTICS)

[Problems of rocket engineering; translations and surveys of foreign periodical literature.] Vop. raket. tekh.; sbor. perev. i obz. inostr. period. lit. 11 no. 6 '61.

[Problems of rocket engineering; translations and surveys of foreign periodical literature.] Vop. raket. tekh.; sbor. perev. i obz. inostr. period. lit. 11 no. 7 '61.

ROCKETS (ORDNANCE)—TRANSPORTATION

Transportation of "Polaris" rockets. R. Tukov. Tyl i snab. Sov. Voor. Sil. 21 no. 1 94 Ja '61.

ROCKS
(see also subdivision under Kigilyak Peninsula, Kuban Valley, Teberda Valley)

Effect of resonance capture on the distribution of neutrons in rocks with a small hydrogen content [with summary in English]. I. A. Kozachok. Dop. AN URSR no. 4 478-481 '61.

Relationship between the chemical composition of subterranean waters and the salinity of rocks. M. S. IAnshina. Biul. MOIP. Otd. geol. 34 no. 5 156 S-O '59.

ROCKS—ANALYSIS
(see also subdivision under Kazakhstan)

Effect of hidden contacts and interstices on research by gamma-ray scattering. L. S. Polak, E. M. Filippov, G. A. Kuznetsov. Geol. i geofiz. no. 5 82-87 '61.

Method of obtaining fine abrasive materials for the preparation of polished sections. T. A. Petrova. Geol. rud. mestorozh. no. 3:104-109 My-Je '61.

ROCKS—CLASSIFICATION

Erodibility as a basis for classifying rocks in the central Volga Valley in connection with a study for rebuilding banks of reservoirs. S. D. Voronkevich. Vop. geog. no. 52 82-99 '61.

ROCKS—DENSITY see subdivision under Sivash region

ROCKS—ELECTRIC PROPERTIES

Applicability of the four-electrode arrangement in measuring specific resistivities of cemented sandstones and fractured limestones. L. M. Marmorshtein. Inform. biul. NIIGA no. 18 74-75 '60.

Investigating the dielectric permeability of rock samples at unilateral and isostatic (up to 5000 kg/cm^2) atmospheric pressures. M. P. Volarovich, O. A. Tarasov, A. T. Bondarenko. Izv. AN SSSR, Ser. geofiz. no. 7:1004-1008 Jl '61.

ROCKS—MAGNETIC PROPERTIES see subdivision under Krasnoyarsk Territory

ROCKS—TESTING

Conference for coordinating the methods of determining the resistance of coals and rocks. N. S. Rodionov, V. L. Dolgov. Izv. vys. ucheb. zav., geol. i razv. 4 no. 4 133-135 Ap '61.

Determination of temporary resistance to compression on irregularly shaped specimens. A. A. Ilivitskii, V. I. Nikolin. Trudy Gor.-geol. inst. UFAN SSSR no. 54 21-24 '60.

ROCKS, CARBONATE see subdivision under Bakal region; Kazakhstan

ROCKS, CRYSTALLINE AND METAMORPHIC
(see also subdivision under Irtysh Valley)

Petrographic, mineralogical and genetic characteristics of metamorphic ore-bearing rocks in the region of the lower Bukhtarma River. P. V. Inshin. Trudy Alt. GMNII AN Kazakh. SSR 9 55-63 '60.

ROCKS, IGNEOUS
(see also subdivision under Caucasus; Gobi; Ishim Valley; Kazakhstan; Kurile Islands, Mongolia; Noril'sk region, Sangilen Range; Siberia, Eastern; Tetyukhe region; Ukraine; Ulakhan-Botuobuya Valley; Yenisey Ridge; Zaporozh'ye Province)

Characteristics of rare earth composition in accessory minerals of granitoids [with summary in English]. V. V. Liakhovich, R. L. Barinskii. Geokhimiia no. 6:467-479 '61.

Some data on the weathering of basic effusive rocks. V. T. Trofimov, N. P. Bezgin. Vest. Mosk. un. Ser. 4:Geol. 16 no. 3 51-56 My-Je '61.

Thallium concentration in magmatic rocks of the Greater Caucasus and some other regions of the U. S. S. R. [with summary in English] N. T. Voskresenskaia. Geokhimiia no. 7 573-583 '61.

ROCKS, SEDIMENTARY
(see also subdivision under Angara Valley; Azerbaijan; Bug Valley; Georgia; Tuva Autonomous Province)

Akademiia nauk SSSR. Laboratoriia osadochnykh poleznykh iskopaemykh. [Studies on the metallogeny of sedimentary rocks] Ocherki po metallogenii osadochnykh porod. Moskva, 1961. 371 p.

Classification and nomenclature of sand, silt, clay, and carbonate rocks [with summary in English]. A. G. Seifov. Biul. MOIP. Otd. geol. 34 no. 5 49-54 S-O '59.

ROCKS, SEDIMENTARY—ANALYSIS

Field apparatus for preparing film monoliths. V. N. Novozhilov. Izv. vys. ucheb. zav.; geol. i razv. 4 no. 3:129-130 Mr '61.

RODENTIA
(see also subdivision under Nakhichevan A. S. S. R.; Ural Mountain region; Voronezh Province)

Abundance of predatory birds and its relation to rodents in the steppe zone of northern Kazakhstan. L. A. Gibet. Ornitologiia no. 3:278-291 '60.

Ecology of the murine rodents of conifer-hardwood forests. V. I. Shmal'gauzen. Soob. Lab. lesoved. AN SSSR no. 3 63-66 '61.

Restoration of murine rodent population in forests after extermination. B. V. Obraztsov. Soob. Lab. lesoved. AN SSSR no. 3, 59-62 '61.

RODENTIA—EXTERMINATION

Protecting young oak plantations from murine rodents in the Tellermanovskoye Forest. F. R. Shtil'mark. Soob. Lab. lesoved. AN SSSR no. 3 3-32 '61.

RODENTICIDES

"Poisons used in controlling storers and transmitters of especially dangerous infections" by V. P. Kozabevich, I. V. Domaradskii, E. E. Bakhrakh. Reviewed by V. P. Smirnov. Zhur. mikrobiol. epid. i immun. 32 no. 12 125 D '60.

RODENTS AS CARRIERS OF DISEASE

Peculiarities in the distribution of listeriosis among rodents in large cities [with summary in English]. N. S. Ogneva. Zhur. mikrobiol. epid. i immun. 32 no. 5 69-74 My '61.

RODIN, N.

Unfair criticism ("Second love; a tale in letters" by N. Rodin. Reviewed by V. Popenkov. Part. zhizn' no. 14 76-78 Jl '61.

ROLLAND, ROMAIN, 1866-1944

"Romain Rolland from 1914 to 1924" by V. E. Balakhovor. Reviewed by Z. Gil'dina. Vop. lit. no. 11:226-230 N '59.

ROLLING (METALWORK)

Built-up edge and the curves of longitudinal deformations and stresses in rolling. D. I. Starchenko. Izv. vys. ucheb. zav.; chern. met. 4 no. 6, 87-94 '61.

Depth of the zone of plastic deformation in high strip rolling. I. IA. Tarnovskii, V. P. Kotel'nikov. Izv. vys. ucheb. zav., chern. met. 4 no. 5 109-119 '61.

Draliuk, B. N., and G. V. Smirskii. [Strip thickness regulator on a continuous cold rolling mill] Regulator tolshchiny polosy na nepreryvnom stane kholodnoi prokatki. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1961. 76 p.

Experimental and rated determination of forces in cold rolling. L. D. Sokolov and others. Izv. vys. uchob. zav. chern. met. 4 no. 6:191-193 '61.

Fundamentals of the theory of lateral rolling and cold rolling on three-roll mills. A. I. Tselikov, V. M. Lugovskoi, E. M. Tret'iakov. Vest. mash. 41 no. 7:49-54 Jl '61.

Investigating certain conditions for the hot rolling of titanium in vacuum and in the air. I. M. Pavlov and others. Izv. vys. ucheb. zav.; chern. met. 4 no. 8:105-110 '61.

Investigating unit friction forces and unit pressures along the entire contact surface of the deformation zone during rolling. V. G. Grosvald, N. I. Svede-Shvets. Izv. vys. ucheb. zav.; chern. met. 4 no. 6:75-86 '61.

Investigation of loading in rolling with nondriving rolls and the application of brakes. I. M. Pavlov, I. K. Smirnov. Izv. vys. ucheb. zav., chern. met. 4 no. 5:98-101 '61.

Loading in transition areas in rolling helical-rib bars. V. K. Smirnov, I. IA. Tarnovskii. Izv. vys. ucheb. zav.; chern. met. 4 no. 6:95-105 '61.

Mastering the rolling of lightweight low-alloy steel shapes [with summary in English]. S. V. Makeev and others. Stal' 21 no. 3:240-245 Mr '61.

Metal marking in the production line. G. S. Akimenko, B. M. Barbashin. Metallurg 6 no. 7:23-25 Jl '61.

Rolling of lightweight shapes on the 550-mill. E. A. Demidovich, N. I. Pindiurin. Metallurg 6 no. 7:20-23 Jl '61.

Secondary conditions of gripping during the piercing process. P. I. Polukhin, R. M. Golubchik, V. IA. Osaichii. Izv. vys. ucheb. zav.; chern. met. 4 no. 6, 60-64 '61.

Shalimova, N. I. [From ore to rolled stock] Ot rudy do prokata. Moskva, Izd-vo "Znanie," 1960. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii: Politekhnicheskaia bibliotechka dlia molodezhi)

Tret'iakov, A. V., B. E. Lokshin, and M. A. Bontakovskii. [Specific power consumption in cold rolling] Udel'nyi raskhod energii pri kholodnoi prokatke. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1961. 93 p.

Two-groove cold rolling of pipes. V. I. Sokolovskii and others. Vest. mash. 41 no. 6:50-52. Je '61.

Use of a correlation method for automating the speed measuring system in hot strip rolling [with summary in English]. S. F. Kozubovs'kyi. Avtomatyka no. 3:61-73 '61.

ROLLING MILLS
(see also subdivision under Magnitogorsk; Zhdanov)

Device for measuring the tension of a strip on continuous section mills. V. N. Vydrin, P. N. Amosov. Izm. tekh. no. 7:9 Jl '61.

ROLLING MILLS (Continued)

Efficiency of universal sheet rolling mill stands [with summary in English]. G M Kotsnel'son Stal' 21 no 3 246-249 Mr '61

Investigating contact stresses in the rolls of a multiple-roll mill IU. D. Zheleznov, V P Polukhin. Izv. vys. ucheb zav , chern met 4 no 5 95-97 '61.

Let's improve the methods of building and assembling rolling mills. Mont. i spets. rab. v stroi. 23 no. 5 1-3 My '61.

Performance of a two-high reduction mill with individual drive [with summary in English] A. A Shevchenko and others. Stal' 21 no 3 251-256 Mr '61.

ROLLING MILLS—ATTACHMENTS

Nondriven marking device on rail and girder mills. L. N Gorodetskii, L. S. Zadorozhnyi. Metallurg 6 no 7,25-26 Jl '61

ROLLING MILLS—ELECTRIC EQUIPMENT see subdivision under Magnitogorsk

ROLLING MILLS—EQUIPMENT AND SUPPLIES

Determination of axial forces acting on a piercing mill mandrel. P. I Polukhin and others. Izv. vys. ucheb. zav., chern. met. 4 no. 5 102-108 '61.

ROLLING MILLS—TESTING

Using electronic analog computers in investigating rolling mill drives. S. N. Kozhevnikov. Trudy Inst. mash. Sem. po teor. mash. 21 no. 83-84 59-76 '61.

ROLLS (IRON MILLS)

Improving the grooving of rolls and mandrels for the piercing of large ingots [with summary in English]. V V Shvetkin, S. I Orlov, L. N. Karpenko. Stal' 21 no. 3 255-259 Mr '61.

ROMANCE LANGUAGES—STUDY AND TEACHING

Germanic and Romance language study in the Soviet Union for forty years. O. Kh. TSakher. Uch. zap. Irk. gos. ped. inst. inostr. iaz. no. 3:97-123 '59.

ROMANKOVO (DNEPROPETROVSK PROVINCE)—MAN, PREHISTORIC

Discovery of fossil human bones in alluvial deposits near the Dneprodzerzhinsk Hydroelectric Power Station [with summary in English] IE. I. Danilova, V. I. Svystun. Dop AN URSR no 5,669-673 '61.

ROME—OLYMPIC GAMES

Diet for athletes during the 17th Olympic games in Rome [with summary in English]. N. N. IAkovlev. Vop. pit. 20 no. 3 47-51 My-Je '61.

Kiselev, N. S., I. M. Mel'nikov, and P. F. Mikhalev. [All roads lead to Rome] Dorogi vedut v Rim. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 254 p.

Reasons for an unsuccessful performance. S. S. Shcherbakov. Teor. i prak. fiz. kul' 23 no.12:906-911 '60.

Results of the 17th Olympic Games. Teor. i prak. fiz. kul', 23 no. 10:725-729 '60.

ROOF-TRUSSES see Trusses

ROOFING

(see also subdivision under Ukraine)

Cementless silicate-fibrous slate. Sel'. stroi. 15 no. 4: 31 Ap '61.

Futural. V. Kovryzhkin. Stroitel' no. 5:31 My '61.

Karpov, V. V., M. E. Meitus, and N. IA. TSukerman. [Roofing and waterproofing operations; reference manual] Krovel'nye i gidroizoliatsionnye raboty, spravochnoe posobie. Pod obshchei red. V. V. Karpova. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit i stroit. materialam, 1961. 302 p.

Roofing materials based on industrial wastes. A. L. Reznikov. Stroi. mat. 7 no. 5:30-31 My '61.

ROOFING, BITUMINOUS see subdivision under Voronezh Province

ROOFING, CONCRETE

(see also subdivision under Ukraine)

Large-panel precast reinforced concrete arched slabs. D. Kiselevich. Na stroi. Ros. no. 2:27-29 F '61.

Three-dimensional precast reinforced concrete elements of roofs for industrial buildings. A. Rogozinskii, M. Rubinchik, R. Shishkin. Arkhit. SSSR no. 3:39-41 '61.

ROOFING, CONCRETE—TESTING

Weather resistance of concrete in reinforced concrete roofings. R. Sarkisian. Prom. Arm. 4 no. 2:48-54 F '61.

ROOFS

Construction of roofs for the main buildings of open-hearth shops. T. N. Kozhevnikova. Prom. stroi. 39 no. 4:27-31 '61.

Details of built-up roofs. E. Krichevskaia. Zhil. stroi. no. 5:26-29 My '61.

Glued roof for industrial buildings. P. Alefirenko. Na stroi. Ros. no. 2:8-9 F '61.

Let's turn built-up roofs into places of rest. I. Militina. Stroi. i arkhit. 9 no. 4:24 Ap '61.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Temporary instructions for designing and constructing flat tar-paper roofs of industrial buildings] Vremennye ukazaniia po proektirovaniiu i ustroistvu ploskikh tolevykh krovel' zdanii promyshlennykh predpriiatii SN 112-60. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 23 p.

ROOFS, SHELL

Computing the stresses in shallow convex shells with double constant curvature using a rectangular plane. V. N. Baikov. Stroi. mekh. i rasch. soor. 3 no. 3:7-12 '61.

Designing an elliptical dome for wind load according to the momentless theory. V. IA. Pavlainen. Stroi. mekh. i rasch. soor. 3 no. 3:38-42 '61.

Effect of one-sided initial heating on the bearing capacity of reinforced concrete shells. V. M. Rodin. Transp. stroi. 11 no. 5:43-45 My '61.

Erecting thin-walled shells without timbering. V. I Larionov and others. Stroi. i arkhit Len. 23 no. 5, 37 My '61

Let's introduce thin-walled shell roofs more widely. Stroi. i arkhit. 9 no. 5:37 My '61.

Mesh-reinforced shell for the exhibition pavilion in Erivan. IU. O. TSekhnovitser, L. M. Gevorkian, I. K. Novodvorskaia. Stroi. i arkhit. Len. 23 no. 4:34-35 Ap '61.

Precast mesh-reinforced concrete arch or shell with a span of 75 m. E. Korolev, M. Kornev. Na stroi. Ros. no. 2:9-11 F '61.

Precast monolithic reinforced concrete shells. I. Zhbanov. Na stroi. Ros. no. 2:11-12 F '61.

Precast reinforced concrete cylindrical shells. S. Rozhkov. Na stroi. Ros. no. 2:6-7 F '61.

Prestressed concrete shells. S. N. Kan. Stroi. mekh. i rasch. soor. 3 no. 3.1-6 '61.

Reinforced-concrete shell of precast elements for the roof of a circus in Kiev. M. S. Grutman, S. A. Rivkin, I. A. Skachkov. Bet. i zhel.-bet. no. 4:177-179 Ap '61.

Thin-walled reinforced concrete three-dimensional shells. K. Glukhovskii, A. Ivotlov, G. Shagal. Na stroi. Ros no. 1:10-13 Ja '61.

Thin-walled shell of precast-mesh reinforced elements. L. Gevorkian, IU. TSekhnovitser, I. Novodvorskaia. Arkhit. SSSR no. 3:37-38 '61.

ROOKS (BIRDS) see subdivision under Belgorod Province

ROOTS (BOTANY)

Effect of changing temperatures on the growth of roots IA. M Gellerman and others. Doklady TSKhA no 57 85-92 '60

Effect of different apple varieties on the growth of the root system. Khuan-khai. [Huang Hai]. Dokl. TSKhA no. 59:25-30 '60.

Growing period of the horizontal roots of oak (Quercus robur L.) within a year. S. N. Karandina. Soob. Lab. lesoved. AN SSSR no. 4:54-59 '61.

Interrelation between the root systems of beech and other trees in natural forest stands and in plantations. V. I. Bilous Visnyk sil. hosp. nauky 4 no. 6:111-114 Je '61

ROSTOV—CORRESPONDENCE SCHOOLS AND COURSES

The student steps being a lone figure. S. K. Abramov. Vest. vys. shkoly 19 no 6 49-51 Je '61.

ROSTOV-ON-DON—AGRICULTURAL MACHINERY INDUSTRY

Cementation by natural gas at the Rostov Agricultural Machinery Plant. A. S. Berlin, D. S. Lesnykh, Metalloved. i term. obr. met. no. 3:61-62 Mr '61.

For a high quality of production. IU. F. S Istomin. Mashinostroitel' no. 6:3-4

ROSTOV-ON-DON—FURNACES, HEAT

In the Construction Research Institute Biul. stroi. tekh. 18 no. 4:45-46 Ap

ROSTOV-ON-DON—RADIO STATIONS

Introducing automatic control at the r Rostov-on-Don. L. K Dotsenko, L.. sviazi 21 no. 5:16-17 My '61.

ROSTOV PROVINCE—AGRICULTURAL INDUSTRY

Agricultural machinery industry in th Region. M. I. Aleshin. Biul. tekh. - 57-59 '61.

ROSTOV PROVINCE—AGRICULTURE

First steps of people of the Rostov reg zhizn' no. 23:16-18 D '60.

ROSTOV PROVINCE—AGRICULTURE—STANDARDS

Special features in establishing norm in agriculture. L. Larionov. Sots. 93-101 D '60.

ROSTOV PROVINCE—CONSTRUCTION

Why construction work has been delay diction of the Rostov Province Econo B. Segal'. Ekon. stroi. no. 5:71-72

ROSTOV PROVINCE—FARM MECHANIZATION—STUDY AND TEACHING

In close cooperation. V. D Lavrent'ev. Vest. vys shkoly 19 no. 6-85-88 Je '61.

ROSTOV PROVINCE—GAS PIPES

Mechanizing labor-consuming processes in laying urban systems. L. M. Magid. Stroi. truboprov. 6 no. 4: 27-28 Ap '61.

ROSTOV PROVINCE—IRRIGATION CANALS AND FLUMES

Construction of the Verkhne-Sal'sk canal has begun. Sel'. stroi 16 no. 5:31 My '61

ROSTOV PROVINCE—SOCIAL GROUP WORK

On the communal basis L Stepunin, M D'iachenko Sov profsoiuzy 17 no 12 22-23 Je '61

ROSTOV PROVINCE—SWINE HOUSES AND EQUIPMENT

Mechanized fattening farm. I. Mikhailin. Sel'. stroi. 16 no 5:4-5 My '61.

ROSTOV PROVINCE—VOCATIONAL EDUCATION

First steps of people of the Rostov region. Komsom. zhizn' no. 23:16-18 D '59.

ROTARY KILNS see Kilns, Rotary

ROTARY PUMPS

Feed graph and the performance of a rotary pump. V. G. Zhuravlev. Izv vys. ucheb. zav., mashinostr. no. 4: 147-153 '61

New rotary pump designed for a longer service. I. Z. Zaichenko and others. Stan i instr 32 no 6:6-11 Je '61

ROTATING BODIES

Investigating a particular case of the rotation of a celestial body. L. M. Domozhilova. Vest. Mosk. un. Ser. 3: Fiz., astron. 16 no. 2:82 Mr-Ap '61.

ROTATING DISKS see Disks, Rotating

ROTATION OF CROPS

(see also subdivision under Saratov Province)

Effect of preceding crops on winter wheat yields. P. O. Lut. Visnyk sil'hosp. nauky 4 no. 7 22-27 Jl '61.

Theoretical principles of crop rotations in connection with their specialization. S. A Vorob'ev. Dokl TSKhA no 60-5-17 '61.

ROTORS

B. A. Chetishchev's and V. I. Davydov's article entitled "Rotor lines." S. L. Zlotnikov. Kuz. -shtam. proizv. 3 no. 6 45 Je '61

Determination of the strain on the rotors of a geared pneumatic drive from the pressure of compressed air. E. D Riabkov. Izv vys. ucheb. zav , gor. zhur. no. 4: 114-121 '61.

Rotor lines. B. A. Chetishchev, V. I. Davydov. Kuz. -shtam. proizv 3 no 6 43-45 Je '61.

ROTORS—VIBRATION

Calculating amplitudes of lateral vibrations of multidisk rotors supported by nonlinearly flexible supports. V. A. Grobov. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 3:113-116 My-Je '61.

ROVE BEETLES see subdivision under Soviet Central Asia

ROVNO PROVINCE—ATHEISM

Radio propaganda V. Cherheiko. Voiov. ateist no 3 44-45 Mr '61.

ROVNO PROVINCE—CONSTRUCTION INDUSTRY

Let's eliminate the flaws in planning G. Patruk Stroi i

RUBBER

Activated dialomite as a rubber reinforcing agent [with summary in English]. F. D. Ovcharenko and others. Dop. AN URSR no. 4:504-507 '61.

Diffusion of synthetic polyisoprene macromolecules in natural rubber [with summary in English] S. E. Bresler, G. M. Zakharov, S. V. Kirillov. Vysokom. soed. 3 no. 7 1072-1076 Jl '61.

Processes for the manufacture of rubber adhesives and their automatic control. A. D. Chugai and others. Kauch. i rez. 20 no. 6:41-45 Je '61.

RUBBER—ANALYSIS

Quantitative spectral analysis of vulcanizates in the ultraviolet. V. N. Gulimov, I. P. Martiukhina. Kauch. i rez. 20 no. 6:36-37 Je '61.

Second All-Union Conference of Chemists Analysts of the Rubber Industry. V. N. Provorov. Kauch. i rez. 20 no. 6:57-58 Je '61.

RUBBER—TESTING

Dependence of the thermal effects of the vulcanization of natural and synthetic rubbers upon the proportioning of sulfur, on temperature, and the type of accelerator used. F. F. Koshelev, N. A. Zanemonets. Kauch. i rez. 20 no. 7:15-18 Jl '61.

Effect of moisture on the ozone cracking of rubbers. Iu. S. Zuev, V. F. Malofeevskaia. Kauch. i rez. 20 no. 6:26-29 Je '61.

Frictional wear of rubber on relatively smooth surfaces. M. M. Reznikovskii, G. I. Brodskii. Kauch. i rez. 20 no. 7:18-23 Jl '61.

Relation between the temperature of the loss of airtightness of rubber packings and the temperature of vitrification. G. M. Bartenev, V. I. Gartsman. Kauch. i rez. 20 no. 7:28-30 Jl '61.

Some novel methods in the physical investigations of rubber (from "Rubb. World," no. 4, 1961). Kauch. i rez. 20 no. 7:63 Jl '61.

Wallee-Showbery curometer (from "Rubber Age," no. 4, 1960). Kauch. i rez. 20 no. 7:63-64 Jl '61.

RUBBER—THERMAL PROPERTIES

Effect of temperature on the ultimate high elastic deformation and structure strength of a rubber solution [with summary in English] A. A. Trapeznikov. Vysokom. soed. 3 no. 5:811-819 Je '61.

Effect of the thermal treatment in corrosive media on the structure and packing properties of rubbers. V. K. Khrusiov, G. M. Bartenev. Kauch. i rez. 20 no. 6:23-25 Je '61.

RUBBER, SYNTHETIC
(see also subdivision under Canada, United States)

Cost of stereorgular rubbers from "Kautschuk und Gummi," no. 1, 1961). Kauch. i rez. 20 no. 7:62-63 Jl '61.

"Liquid nairit," a new material for rubberizing. A. L. Labutin and others. Kauch. i rez. 20 no. 5:5-8 Je '61.

Method of preparation of high-grade finely dispersed calcium fluoride as a heat-resistant filler for special rubbers. M. G. Gabrielova. Zhur. VKHO 6 no. 3 352-353 '61.

Oxidation of polydimethylsiloxane rubber [with summary in English]. A. S. Kuz'minskii, E. A. Goldovskii. Vysokom. soed. 3 no. 7:1054-1061 Jl '61.

Phosphonitrile chloride rubber [with summary in English] S. M. Zhivukhin, V. B. Tolstoguzov, Iu. V. Meitin. Vysokom. soed. 3 no. 3:414-419 Mr '61.

RUBBER COATINGS

The OS-312 unit for rubber facing of metallic cord. S. L. Shwartsman. Biul. tekh.-ekon. inform. no. 6:18-19 '61.

RUBBER GOODS
(see also subdivision under United States)

New rubber goods. Prom. Arm. 4 no. 2:39 F '61.

RUBBER INDUSTRY
(see also subdivision under Moscow)

Toward the 22d Congress of the CPSU. Kauch. i rez. 20 no. 7:58-60 Jl '61.

Welcome to the 22d Congress of the CPSU. Kauch. i rez. 20 no. 6:53-55 Je '61.

RUBBER INDUSTRY—CONGRESSES

Conference on the improvement of the scientific and technical information in the rubber, carbon black, reclaiming, asbestos engineering, and tire re-treading industries. I. A. Sheftel'. Kauch. i rez. 20 no. 7:54-57 Jl '61.

Scientific and Technological Conference on the Coordination of Scientific Research and Experimental Construction in the Rubber Industry. V. P. Khabarov, I. A. Sheftel'. Kauch. i rez. 20 no. 6:55-57 Je '61.

Second All-Union Conference of Chemists Analysts of the Rubber Industry. V. N. Provorov. Kauch. i rez. 20 no. 6:57-58 Je '61.

RUBBER INDUSTRY—EQUIPMENT AND SUPPLIES
(see also subdivision under Kiev; Moscow)

Production line for cutting out rubber forms. V. I. Blokhin. Kauch. i rez. 20 no. 7:46-49 Jl '61.

RUBBER INDUSTRY—HYGIENIC ASPECTS see subdivision under Yaroslavl

RUBBER INDUSTRY—LABOR PRODUCTIVITY

Planning labor productivity on the basis of labor involved in the rubber industry. S. Potemoshnev, G. Ivanov, V. Zhelezov. Biul. nauch. inform. trud i zar. plata 4 no. 6 8-13 '61.

RUBBER INDUSTRY—SAFETY MEASURES

Automatic control of moisture in the rubber manufacture as a measure for preventing fires and explosions brought about by the accumulation of static electricity. F. N. Luk'ianov. Kauch. i rez. 20 no. 7:34-38 Jl '61.

RUBBER INDUSTRY—TECHNOLOGICAL INNOVATIONS see subdivision under Moscow

RUBBER MACHINERY

New design of the extruder head. G. K. Demidov, A. A. Nikanorov. Kauch. i rez. 20 no. 7:43-46 Jl '61.

Regularities of changes and calculation of the capacity of a driving electric motor for a rubber mixer at an increased pressure and rotation speed of rotors. I. M. Starov, A. A. Sushchenko, S. V. Gol'freikh. Kauch. i rez. 20 no. 6:19-22 Je '61.

RUBBER TIRES see Tires, Rubber

RUBBERIZED FABRICS

"Liquid nairit," a new material for rubberizing. A. L. Labutin and others. Kauch. i rez. 20 no. 6:5-8 Je '61.

RUBIDIUM

Behavior of lithium and rubidium in the contact process (exemplified in the Vakis-Dzhvari intrusion, Georgian S. S. R.) [with summary in English] G. S. Zakariadze. Geokhimiia no. 7:584-595 '61.

RUBIDIUM FLUOBORATE

Determination of rubidium and cesium in the form of their fluoborates. Z. T. Maksimycheva, T. A. Maslentsova, F. N. Suleimanova. Zav. lab. 27 no. 6:667-668 '61.

RUBINSHTEIN, SERGEI LEONIDOVICH, 1889-1960

In the Psychological Sector of the Institute of Philosophy of the Academy of Sciences of the U. S. S. R. Vop. psikhol. 7 no. 2 187-188 Mr-Ap '61.

RUBTSOVSK—FLOUR MILLS

Receiving and processing grain at the Rubtsovsk Grain Milling Combine. M. Nekhoroshev. Muk.-elev. prom. 27 no. 5 7-8 My '61.

RULE OF THE ROAD AT SEA

Rules for the passing of ships with seagoing dredges. S. Vaichunas. Mor. flot 21 no. 6:16-18 Je '61.

RUMANIA—ACOUSTICAL ENGINEERING

Architectural acoustics (from "Stiinta si tehnica"). A. Nekchula. Nauka i zhizn' 28 no. 5:47-48 My '61.

RUMANIA—BIBLIOGRAPHY

[New literature on European people's democracies: Rumania.] Nov. lit. po evrop. stran. nar. dem. Rum. nos. 4-5 '61.

RUMANIA—BONUS SYSTEM

New bonus system for managerial workers, engineers and technicians in industrial enterprises of the Rumanian People's Republic. P. Liadov. Biul. nauch. inform. trud i zar. plata 4 no. 6 62-65 '61.

RUMANIA—CAVES

Speleology in the Rumanian People's Republic. N. N. Burchak-Abramovich. Uch. zap. AGU. Geol.-geog. ser. no. 5:17-19 '59.

RUMANIA—COMMUNIST PARTY

Heroic path. F. Gur'ev. Vop. ist. KPSS 5 no. 3:230 '61.

RUMANIA—ECONOMIC CONDITIONS

Scientific nature of the policy of the Rumanian Workers' Party. Ilie Redulescu. Vop. ist. KPSS 5 no. 4 80-94 '61.

RUMANIA—LOCUSTS

A new species of the genus Odontopodisma Dov.-Zap. (Orthoptera, Acrididae) from the Rumanian People's Republic [with summary in English]. Bela Kis. Ent. oboz. 40 no. 2:359-362 '61.

RUMANIA—RAILROADS—COMMUNICATION SYSTEMS

Communication devices for station attendants on railroads in Rumania. V. Petrescu. Avtom., telem i sviaz' 5 no. 5:27-28 My '61.

RUMEN—MICROBIOLOGY

Synthesis of cellular substance by micro-organisms obtained from the rumen of cows by various methods of cultivation. L. A. Shcherbakov. Dokl. TSKhA no. 64: 149-154 '61.

RUMEX see subdivision under Tien Shan

RUNNING

Elements in the technique of long-distance running. K. K. Kudriavtsev. Teor. i prak. fiz. kul't. 28 no. 12:911-918 '60.

RUNOFF

A contribution to the study of the runoff of dissolved substances from the land of the globe. O. A. Alekin, L. V. Brazhnikova. Gidrokhim. mat. 32:12-21 '61.

Investigating the effectiveness of various cultivation practices in erosion control. M. D. Kobezskii, A. L. Gonchar. Biul. nauch.-tekh. inform. Ukr. NIILKhA no. 2:21-25 '57.

Relation of recent tectonic movements of Hanh flood erosion on the southern slope of the Greater Caucasus (Azerbaijan) B. A. Budagov. Dokl. AN Azerb. SSR 17 no. 1:309-311 '61.

Velocity of the flow of rain and snow waters down slopes. I. I. Zhigalov. Meteor. i gidrol no. 7:26-28 Jl '61.

RURAL EDUCATION see Education, Rural

RURAL ELECTRIFICATION
(see also subdivision under Kuybyshev Province, Ukraine)

Immediate tasks of rural electrification [with summary in English, German, and French] A. M. Sarkisian. Vest. sel'khoz. nauki 6 no. 6:78-82 Je '61.

Let's accelerate the rate of rural electrification. Sel'. stroi. 15 no. 4:2 Ap '61.

RURAL HOSPITALS see Hospitals, Rural

RURAL HOUSING see Housing, Rural

RURAL LIBRARIES
(see also subdivision under Kuban; Serpukhov District)

Going thoroughly into collective farm work. P. Errat'. Bibliotekar' no. 6:13-15 Je '61.

Overcoming difficulties. B. Gol'dberg. Bibliotekar' no. 6:21-23 Je '61.

We are promoting advanced practices. I. Ivanov. Bibliotekar' no. 6:15-16 Je '61.

RURAL SCHOOLS see subdivision under Makoyevo

RURAL WATER SUPPLY see Water supply, Rural

RUSSIA

In anticipation of the 22d Congress of the CPSU. Kryl. rod 12 no. 3 1-2 Mr '61.

RUSSIA—ADMINISTRATIVE AND POLITICAL DIVISIONS

[Administrative and territorial divisions of the U. S. S. R. Union Republics as of May 1, 1949] Administrativno-territorial'noe delenie soiuznykh respublik na 1 maia 1949 goda (SSSR) Izd. 6. Moskva, Izd-vo "Izvestiia Sovetov deputatov trudiashchikhsia SSSR," 1949. 479 p.

RUSSIA—AIR FORCE

An airman's day. L. Ekonomov. Sov. voin 43 no. 12: 16-17 Je '61.

The commander attacks. V. A. Kashintsev. Vest. Vozd. Fl. no. 3 40-41 '61.

An example of diligence. V. A. Kolesnik. Vest. Vozd. Fl. no. 3 24-28 '61.

Know your field and how to organize work. A. I. Pokryshkin. Vest. Vozd. Fl. no. 3 21-23 '61.

On a certain border. S. A. Dement'ev. Vest. Vozd. Fl. no. 3 28-31 '61.

Soviet Air Force. V. A. Sudets. Voen. znan. 37 no. 7: 7-8 Jl '61.

To the heart of every soldier. V. A. Tiukhtiaev. Vest. Vozd. Fl. no. 3 11-17 '61.

Toward new frontiers. Vest. Vozd. Fl. no. 3 1-5 '61.

When evening falls. G. Makarov. Sov. voin 43 no. 7: 36-37 Ap '61.

RUSSIA—AIR FORCE—OFFICERS

The commander should be the best pilot. F. A. Agal'tsov. Vest. Vozd. Fl. no. 3 18-20 '61.

More independence in the personal training of the officer. A. I. Khalutin. Vest. Vozd. Fl. no. 3 43-45 '61.

On the way to mastery. M. D. Rybalko. Vest. Vozd. Fl. no. 3 32-34 '61.

Relying on detachment commanders. V. I. Sobol'. Vest. Vozd. Fl. no. 3 34-38 '61.

RUSSIA—ARMED FORCES

Always at combat readiness! Tyl i snab. Sov. Voor. S. 21 no. 2:3-6 F '61.

Experience of our "beacon lights" should be used in education and training. Komm. Vooruzh. Sil 1 no. 14: 3-7 Jl '61.

Follow-up of articles published in our periodical. Komm. Vooruzh. Sil 1 no. 14:96 Jl '61.

Let's encourage the initiative of the Communist Youth Leaguers. V. Khalipov. Komm. Vooruzh. Sil 1 no. 14. 33-38 Jl '61.

RUSSIA—ARMED FORCES—EDUCATION, NONMILITARY

Course on preparing for admission to schools of higher learning. P. Bogomolov. Sov. voin 43 no. 9:27 My '61.

RUSSIA—ARMED FORCES—FINANCE

New Soviet ruble. V. Dutov. Tyl i snab. Sov. Voor. Sil 21 no. 1:7-10 Ja '61.

RUSSIA—ARMED FORCES—POLITICAL ACTIVITY

Brief news of party and political work. Komm. Vooruzh. Sil 1 no. 14:94-96 Jl '61.

Improve the work of party committees for administrative control V. Bilev Tyl i snab. Sov. Voor Sil 21 no 1 11-14 Ja '61.

Let's try to improve our party propaganda. A. Antonenko, M. Karlagin. Komm. Vooruzh. Sil 1 no. 14:22-27 Jl '61.

Political and party work in the Red Army from 1918 to 1920, the documents of the Central Archives of the Soviet Army. V P. Portnov. Vop. ist KPSS 5 no. 4: 166 173 '61.

Some results and suggestions. V. Ivanchikov. Komm. Vooruzh. Sil 1 no. 14.65-68 Jl '61.

RUSSIA—ARMED FORCES—REGULATIONS

Garrison regulations for the Soviet Armed Forces L Gorianov Kryl rod. 12 no 2 5-6 F '61

[The law of military life; collected articles on the new regulations of the Armed Forces of the U. S. S. R.] Zakon zhizni voina. O novykh ustavakh vooruzhennykh sil Soiuza SSR ; sbornik statei. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 84 p.

RUSSIA—ARMED FORCES—SONGS AND MUSIC

New collections of songs. L. Bulatova Sov voin 43 no 12 41 Je '61

RUSSIA—ARMED FORCES—SUPPLIES AND STORES

Improve the work of party committees for administrative control. V. Bilev Tyl i snab Sov Voor. Sil 21 no 1 11-14 Ja '61.

Procedures for receiving freight delivered by ship. I. Iokhin. Tyl i snab Sov Voor. Sil 21 no. 1:52-56 Ja '61.

RUSSIA—ARMY

Britov, V. V. [Birth of the Red Army] Rozhdenie Krasnoi Armii. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 276 p.

Cherepanov, A. I. [First battles of the Red Army] Pervye boi Krasnoi Armii. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 86 p. (Geroicheskoe proshloe nashei Rodiny)

Each soldier has a contribution to make for the party congress. A. Kononenko. Komm. Vooruzh. Sil 1 no. 14:42-43 Jl '61.

Follow regulations in providing supplies and living conditions for the troops. V Moroz Tyl i snab. Sov. Voor Sil 21 no 2 48-55 F '61

The most important link. Komm. Vooruzh. Sil 1 no. 14: 51-56 Jl '61.

Reinforcements of the subunit arrived. V. Semashko, komsom. zhizn' no. 24:22-24 D '59.

We want to work still better A. Chernobai Sov. voin 43 no 12 15 Je '61

RUSSIA—ARMY—ARTILLERY

Artillery in battles to defend the motherland. S. S. Varenisov. Voen. znan 37 no. 6.5-6 Je '61.

Some results of the dissemination of progressive experience. M. Strel'bitskii. Komm. Vooruzh. Sil 1 no. 14 61-62 Jl '61.

RUSSIA—ARMY—BARRACKS AND QUARTERS

Dugouts with wooden framing. A. Kruglikov. Tyl i snab. Sov. Voor. Sil 21 no 3-66-68 Mr '61

RUSSIA—ARMY—COMMISSARIAT

For efficient management of farms attached to army messes. V. Gusev, G. Biba, A. Leont'ev. Tyl i snab. Sov. Voor. Sil 21 no. 1:61-63 Ja '61.

How to compute the production of a bakery. I. Pashkin. Tyl i snab Sov. Voor. Sil 21 no. 3-60-61 Mr '61.

Improve trade facilities for soldiers. N. Safonov, N. Timoshevskii. Tyl i snab. Sov. Voor. Sil 21 no. 3: 50-53 Mr '61.

Operation of a field bakery in winter. V. Sharkevich. Tyl i snab. Sov. Voor. Sil 21 no. 2-10-43 F '61.

They prepare several choices of first and second courses. V. IAkovlev. Tyl i snab. Sov. Voor. Sil 21 no. 2 60 F '61.

RUSSIA—ARMY—EDUCATION, NONMILITARY

Bazanov, A. G. [Pedagogy; essays on the theory and practice of academic instruction and training of Soviet soldiers] Pedagogika; ocherki po teorii i praktike obuchenila i vospitaniia sovetskikh voinov. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 213 p.

Political lessons in service troop units A. Merinkuov. Tyl i snab. Sov. Voor. Sil 21 no. 3.27-30 Mr '61.

RUSSIA—ARMY—FACILITIES

Troop facilities must meet regulation requirements. M. Borisov. Tyl i snab Sov. Voor Sil 21 no. 3 46-49 Mr '61

RUSSIA—ARMY—FUEL

The fuel supply system is 25 years old. V. Nikitin Tyl i snab Sov. Voor. Sil 21 no. 2.26-29 F '61.

Supplying a parachute landing with fuel. V. Rybakov. Tyl i snab. Sov. Voor. Sil 21 no. 3 39-42 Mr '61.

RUSSIA—ARMY—OFFICERS

Lessons were instructive and interesting M Statkevich Tyl i snab Sov Voor Sil 21 no 3-16-19 Mr '61

Training unit officers in administrative problems N Aleksandrov Tyl i snab Sov Voor Sil 21 no 1-23-27 Ja '61

Unfailing attention must be given to the training of officers of service troops A Sheromet Tyl i snab. Sov. Voor Sil 21 no. 3 9-12 Mr '61

RUSSIA—ARMY—POLITICAL ACTIVITY

How to plan the work of party organizations in companies. Komm. Vooruzh. Sil 1 no. 14:86-88 Jl '61.

An interesting and instructive evening conference. V. Korncev. Komm. Vooruzh. Sil 1 no. 14:73-74 Jl '61.

Lessons of a party meeting. I. Semiokhin. Komm. Vooruzh. Sil 1 no. 14.68-72 Jl '61.

Soldiers of a progressive unit and their achievements. K. Katkevich. Komm. Vooruzh. Sil 1 no. 14:56-61 Jl '61.

RUSSIA—ARMY—REGULATIONS

New regulations in effect I Ivliev, N. Maliugin Tyl i snab. Sov. Voor Sil 21 no 1 15-20 Ja '61.

RUSSIA—ARMY—SANITARY AFFAIRS

Improve sanitary conditions for troops. A. Veropai. Tyl i snab Sov. Voor Sil 21 no 3 53-57 Mr '61.

RUSSIA—ARMY—SUPPLIES AND STORES

Four comrades A. Sokolov. Tyl i snab Sov Voor Sil 21 no 2-67-69 F '61.

Initiative of supply personnel A. IAremchenko. Tyl i snab. Sov. Voor. Sil 21 no. 1 48-51 Ja '61.

Providing supplies for airborne and naval landings. G. Chernikov. Tyl i snab Sov. Voor Sil 21 no. 2 35-37 F '61.

Supplying material to field troops in the winter E. Marchenko Tyl i snab Sov Voor. Sil 21 no 1-46-48 Ja '61.

Take good care of personal equipment. M. Zaks. Tyl i snab. Sov. Voor. Sil 21 no 2 69 F '61.

There is great strength in community feeling. N. Mitrofanenko, N. Popov. Tyl i snab. Sov. Voor. Sil 21 no. 3 61-66 Mr '61.

RUSSIA—CHURCH HISTORY

Social and political ideas of the first Old Believers and the common people L. E. Ankundinova Uch. zap LGU no 270:60-82 '59.

RUSSIA—COMMERCE

Experience in the transportation of foreign trade cargoes by ships of the Black Sea Steamship Lines. M Chmyr' Mor. flot 21 no 6.9-11 Je '61.

Foreign trade relations are being strengthened. Mor. flot 21 no 6-46 Je '61.

Makarov, A. D. [Financing and issuing credit to Soviet trade] Finansirovanie i kreditovanie sovetskoi torgovli. Moskva, Gos. izd-vo torg. lit-ry, 1961. 268 p.

RUSSIA—COMMERCE—GREAT BRITAIN

Soviet-British trade. O Bogdanov. Mezhdunar zhizn' 8 no 7.140-141 Jl '61

RUSSIA—COMMERCE—UNITED STATES

Gorbunov, R. G. [Soviet-American trade relations] Sovetsko-amerikanskie torgovye otnosheniia. Moskva, Vneshtorgizdat, 1961. 58 p.

RUSSIA—COMMUNIST PARTY see Communist Party of the Soviet Union

RUSSIA—CONSTITUTION

Legal and constitutional status of the R Kim Izv. vys. ucheb zav., prav. 4

Russia (1923- U. S. S. R.) Constitut (fundamental law) of the Union of So Republics; with amendments adopte session of the Fifth Supreme Soviet Konstitutsiia (osnovnoi zakon) Soiuz Sotsialisticheskikh Respublik. S izm dopolneniiami, prinlatymi na shesto nogo Soveta SSSR piatogo sozyva. I "Izvestiia Sovetov deputatov trudiasi 1961. 31 p.

RUSSIA—CONSTITUTIONAL LAW

Lepeshkin, A. I. [Course in Soviet con Kurs sovetskogo gosudarstvennogo p tomakh. Moskva, Gos. izd-vo iurid. l Vol. 1. 1961. 558 p.

RUSSIA—CULTURE

Cultural education. G. Kovalenko, Kon 25-30 D '59.

On a long march. Teatr 22 no. 6:3-

RUSSIA—ECONOMIC CONDITIONS

The flourishing Soviet economy. V. Z znan. 37 no. 7:5-6 Jl '61.

A holiday of the communist rejuvenat materials for reports and talks dev of May. A. Romanov. Agitator no.

Letter to the editor. B. Polskhverlia. Az. i Afr. seg. no. 3-49-51 Mr '61.

Our thoughts and aspirations are with the party. Komsom. zhizn' no. 24 1-5 D '59

Socialist economy is the indestructible basis for our country's defenses. P. Ul'ianov. Tyl i snab. Sov. Voor Sil 21 no. 2 10-15 F '61.

Trapeznikov, S. P. [The Communist Party in the period of socialist offensive on a wide front; triumph of the collective farm system in rural areas, from 1929 to 1932] Kommunisticheskaia partiia v period nastupleniia sotsializma po vsemu frontu. Pobeda kolkhoznogo stroia v derevne, 1929-1932 gg. Izd. 2. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 141 p. (Istoriia KPSS, kurs lektsii. Tema XII)

RUSSIA—ECONOMIC CONDITIONS—BIBLIOGRAPHY

Bromlei, N. IA., and V. N. Dvorianov, comps. [Rise in the material prosperity of the Soviet people and achievements in the field of public health, physical education, and sports in the U. S. S. R. 1946-1960, index to the literature] Pod"em material'nogo blagosostoianiia Sovetskogo naroda i dostizhenila v oblasti zdravookhraneniia, fizkul'tury i sporta v SSSR, 1946-1960 gg.; ukazatel' literatury. Pod red. M. P. Kima. Moskva, In-t istorii Akad. nauk SSSR, 1961. 55 p.

RUSSIA—ECONOMIC GEOGRAPHY see Geography, Economic

RUSSIA—ECONOMIC POLICY

Broev, M. V. [Law of planned and proportional development, and planning of the national economy] Zakon planomernogo proportsional'nogo razvitiia i planirovanie narodnogo khoziaistva. Moskva, Gosplanizdat, 1961. 82 p.

Chadaev, IA. E. [Problems in planning the national economy] Voprosy planirovaniia narodnogo khoziaistva. Moskva, Gosplanizdat, 1961. 176 p.

The "Communist Manifesto" of our time. Kommunist 38 no. 11:82-91 Jl '61.

Drafting the state plan for development of the national economy of the U. S. S. R. for 1962. B. Glusker, M. Polikarpov. Plan. khoz. 38 no. 7:93-94 Jl '61.

Economic regionalization and problems in improving the territorial organization of the national economy S. Tokarev, P. Alampiev. Plan khoz. 38 no. 7:31-39, Jl '61.

Improve the coordination of the economic activities of local soviets and the councils of national economy IA. Chadaev. Plan. khoz. 38 no. 7:12-20 Jl '61.

The proposed program of the Communist Party of the Soviet Union. Kommunist 38 no. 11 3-31 Jl '61.

Remarkable successes of the Soviet people in carrying out the seven-year plan. Teor. i prak fiz. kul't. 23 no. 9: 641-644 '60.

Sorokin, G. M. [Planning the national economy of the U. S. S. R.; problems of theory and organization] Planirovanie narodnogo khoziaistva SSSR; voprosy teorii i organizatsii. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 458 p.

[To those who are driving toward the targets of the seven-year plan] Shturmuiushchim rubezhi semiletki. Moskva, Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 156 p.

The triumph of Leninist principles in the new party program. V. V. Platkovskii. Vop. ist. KPSS 5 no. 4: 28-48 '61.

RUSSIA—FOREIGN ECONOMIC RELATIONS—SWEDEN

"Russo-Swedish economic relations in the 17th century; collected documents." Reviewed by O L Vainshtein. Vop. ist. no. 6:136-139 Je '61

RUSSIA—FOREIGN RELATIONS

Chuvikov, P. A. [Ideology and foreign policy] Ideologiia i vneshniaia politika. Moskva, Izd-vo "Znanie," 1961. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu [illegible]

RUSSIA—FOREIGN RELATIONS—AFGHANISTAN

Good neighbors. Nov. vrem. 19 no. 26·12-13 Je '61.

RUSSIA—FOREIGN RELATIONS—AFRICA

Friendly visit to Africa. Az. i Afr. seg. no. 3:2 Mr '61.

U.S.S.R. as a friend of Africa. Az. i Afr. seg. no. 6·63 Je '61.

RUSSIA—FOREIGN RELATIONS—IRAN

Russo-Persian diplomatic relations after the Peace Treaty of Gulistan, 1813-1826. L. S. Semenov. Uch. zap. LGU no. 270 83-117 '59.

RUSSIA—FOREIGN RELATIONS—NORTH KOREA

Good intentions. Nov. vrem. 19 no. 29·2-3 Jl '61.

RUSSIA—FOREIGN RELATIONS—UNITED STATES

Khrushchev, N. S. [Radio and television address on June 15, 1961.] Vystuplenie po radio i televideniiu 15 iiunia 1961 goda. Moskva, Gos. izd-vo polit. lit-ry, 1961. 30 p.

Storm over the Hofburg. N. Pollanov. Sov. pech. no. 7· 56-57 Jl '61.

RUSSIA—GEOGRAPHY see Geography

RUSSIA—HISTORY

Brief notes. Vop. ist. no. 6:153-154 Je '61.

A heroic people and a creative people. S. Kurzenkov. Sov. voin. 43 no. 12 2-3 Je '61.

How Russia struggled against the aggression of the Teutonic Knights in the first half of the 15th century. N. A. Kazakova. Uch. zap. LGU no. 270:3-33 '59.

"The Vologda-Perm Chronicle"; a complete collection of Russian chronicles. Vol. 26. Reviewed by A. V. Artsikhovskii. Sov. arkheol. 5 no. 2 313-314 '61.

RUSSIA—HISTORY—SOURCES

New acquisitions of the Central Party Archives of the Institute of Marxism-Leninism. N. V. Bychkova, L. K. Vinogradov. Vop. ist. KPSS 5 no. 3 164-170 '61.

RUSSIA—HISTORY—STUDY AND TEACHING

Akademiia pedagogicheskikh nauk RSFSR, Moscow. Institut obshchego i politekhnicheskogo obrazovaniia. [Studying the history of the U. S. S. R. in the 9th grade] Izuchenie istorii SSSR v IX klasse. Pod red. A. I. Molotka. Moskva,
Pt. 2. 1961. 261 p.

RUSSIA—HISTORY, MILITARY

Historical studies of the teachers of the F. E. Dzerzhinskii Military Engineering Academy. D. A. Stefankov. Vop. ist. KPSS 5 no. 4 231-232 '61.

RUSSIA—HISTORY, NAVAL

Beskuzhev, N. A. [Contribution to the history of the Russian Navy.] Opyt istorii russkskogo flota. Podgotovil k izdaniiu I. A. Livshits i G. E. Pavlova. Nauchn. red. S. B. Okun'. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 160 p.

RUSSIA—INDUSTRIES

Great competition. A. Omarov. Agitator no. 13:6-11 Jl '61.

Moscow. Gosudarstvennyi ekonomicheskii institut. [Economics of socialist industry; textbook.] Ekonomika sotsialisticheskoi promyshlennosti; uchebnik. Izd. 2., dop. i perer. Pod red. L. I. Rina, B. S. Gerashchenko. Moskva, Gos. izd-vo polit. lit-ry, 1961. 775 p.

RUSSIA—LITERATURES

Amid periodicals and newspapers. Vop. lit. 5 no. 5·234-238 Je '61.

Between two congresses. Moskva 5 no. 5 3-5 '61.

e work. K. Zelinskii. Von

RUSSIA—NAVY

Faithful guard of the sea boundaries. F. V. Zozulia. Voen. znan. 37 no. 7:1-2 Jl '61.

First Guards ships. Voen. znan. 37 no. 7·10 Jl '61.

Relics of naval glory. N. Bol'shakov. Voen. znan. 37 no. 7:11-12 Jl '61.

RUSSIA—NAVY—AIR CORPS

Among naval aviators. Sov. voin. 43 no. 12 32-33 Je '61.

The northland calls. L. Suslov. Sov. voin. 43 no. 12 34-35 Je '61.

RUSSIA—NAVY—PAINTING OF VESSELS

Painting the hull of a vessel. G. Vasil'ev. Tyl i snab. Sov. Voor. Sil. 21 no. 2 65-66 F '61.

RUSSIA—NAVY—POLITICAL ACTIVITY

Strict requirements of the party. I. Podanev. Komm. Vooruzh. Sil. 1 no. 14 28-32 Jl '61.

RUSSIA—NAVY—PROVISIONING

Organization of the food service on ships. F. Efremov. Tyl i snab. Sov. Voor. Sil. 21 no. 3 57-60 Mr '61.

Supplying a ship on cruise. I. Aksenov. Tyl i snab. Sov. Voor. Sil. 21 no. 1. 56-59 Ja '61.

RUSSIA—NAVY—SERVICE CRAFT

Improve methods for instructing ship crews. A. Baranov. Tyl i snab. Sov. Voor. Sil. 21 no. 3 20-24 Mr '61.

RUSSIA—NAVY—SPORTS

The number of champions is increasing. V. Nikolaev. Sov. voin. 43 no. 11 46 Je '61.

RUSSIA—POLITICS AND GOVERNMENT

Basic trends in the development of the Soviet representative system during the large-scale building of communism. V. F. Kotok. Sov. gos. i pravo 31 no. 7:14-25 Jl '61.

The Budgetary Committee of the Supreme Soviet of the R. S. F. S. R. A. V. Zinov'ev. Izv. vys. ucheb. zav. ,prav. 4 no. 1 34-46 '60.

Davydov, G. P., and V. I. Mazurenko. [Teaching the Constitution of the U. S. S. R. in schools.] Konstitutsii SSSR v shkole. Pod red. D. S. Kareva. Izd. 2., dop. Moskva, Akad. pedagog. nauk RSFSR, 1961. 261 p.

Forceful policy of the CPSU. A. S. Vislinskov. Vop. ist. KPSS 5 no. 4·19-28 '61.

[Gazette of the Supreme Soviet of the R. S. F. S. R.] Ved. Verkh. Sov. RSFSR 5 nos. 24-26 Je-Jl '61.

[Gazette of the Supreme Soviet of the U. S. S. R.]. Ved. Verkh. Sov. SSSR 24 nos. 25-26 Je-Jl '61.

How public-service organizations carry out the functions of state rule. M. T. Baimakhanov. Sov. gos. i pravo 31 no. 6·27-37 Je '61.

Lenin, V. I. [Complete collected works.] Polnoe sobranie sochinenii. Izd. 5. Moskva, Gos. izd-vo polit. lit-ry.
Vol. 19. [June 1909-October 1910.] Iiun' 1909-oktiabr' 1910. 1961. 627 p.

Leont'ev, A. K. [Formation of the departmental system of administration in the Russian state; history of the creation of the centralized state apparatus at the end of the 15th and the first half of the 16th century.] Obrazovanie prikaznoi sistemy upravleniia v Russkom gosudarstve; iz istorii sozdaniia tsentralizovannogo gosudarstvennogo apparata v kontse XV - pervoi polovine XVI v. [Moskva] Izd-vo Mosk. univ., 1961. 198 p.

Participation of trade unions in government during the large-scale building of a communist society. A. S. Pashkov. Sov. gos. i pravo 31 no. 7:36-45 Jl '61.

RUSSIA—REBELLION OF STENKA RAZIN, 1667-1671

Social and political conditions in the Don Valley on the war under the leadership of S. T. ov. Uch. zap. LGU no. 270 34-59 '

(GENERAL) WITH ARMENIA

story of Russo-Armenian relations] mianskikh otnoshenii. Erevan, ol SSR, 461 p.

(GENERAL) WITH AZERBAIJAN

cessary book. I. A. Guseinov. Izv. . obshchestv. nauk no. 3:163-166

(GENERAL) WITH CZECHO-

iment on the "Seven-Year Plan in "Dynamics and poetry." A. Sour- no. 6:27 Je '61.

(GENERAL) WITH EAST GERMANY

iment on the "Seven-Year Plan in important and interesting event. oto 21 no. 6:27 Je '61.

(GENERAL) WITH FOREIGN

let art. Moskva 5 no. 5·182-183,

RUSSIA—RELATIONS (GENERAL) WITH FRANCE

On seaways. Iu. Berkovich. Sov. pech. no. 7·19-21 Jl '61.

RUSSIA—RELATIONS (GENERAL) WITH GREAT BRITAIN

"Soviet days" in Britain. D. Vol'skii. Nov. vrem. 19 no. 30 19-20 Jl '61.

RUSSIA—RELATIONS (GENERAL) WITH HUNGARY

Pedagogical life of the capital. Nar. obr. no. 7:125-128 Jl '61.

RUSSIA—RELATIONS (GENERAL) WITH INDIA

Awarding of honorary degrees to Soviet scientists. Vest. AN SSSR 31 no. 6·81 Je '61.

RUSSIA—RELATIONS (GENERAL) WITH LIBYA

"Independence is more easily won than preserved." Az. i Afr. seg. no. 5:49 My '61.

RUSSIA—RELATIONS (GENERAL) WITH TURKEY

Letter to the editor. B. Potskhverlia. Az. i Afr. seg. no. 3:49-51 Mr '61.

RUSSIA—RELATIONS (GENERAL) WITH UZBEKISTAN

Interrelationship of Uzbek and Russian music during the prerevolutionary period. T. S. Vyzgo. Obshchestv. nauki v Uz. no. 1 42-47 '61.

RUSSIA—RELIGION

The tricks of clergymen and sectarians. Volov ate·i no. 2·11-12 F '61.

RUSSIA—REVOLUTION, 1917-1921

Cherepanov, A. I. [First battles of the Red Army.] Pervye boi Krasnoi Armii. Moskva, Voen. Izd-vo M-va oborony SSSR, 1961. 86 p. (Geroicheskaia proshlo nashei Rodiny.)

The Communist Party during the foreign armed intervention and the civil war, 1918-1920. I. Brusanov. Komm. Vooruzh. Sil. 1 no. 14:75-80 Jl '61.

The establishment of Bolshevik groups and their role in the consolidation of local soviets. B. M. Morozov. Vop. ist. KPSS 5 no. 4 61-79 '61.

How French reformists distort the principles of the Great Revolution. V. S. Vasilukov. Vop. ist. no. 6 155-175 Je '61.

Immortal feat of the people and army, on the publication of the "Brief history of the civil war in the U. S. S. R." V. Riabov. Tyl i snab. Sov. Voor. Sil. 21 no. 2 92-95 F '61.

Moscow. Institut Marksizma-leninizma. [History of the civil war in the U. S. S. R., a collection of documents and materials in three volumes, 1918-1922.] Iz istorii grazhdanskoi voiny v SSSR; sbornik dokumentov i materialov v trekh tomakh, 1918-1922. Moskva, Izd-vo "Sovetskaia Rossiia."
Vol. 1. [May 1918 - March 1919.] Mai 1918-mart 1919. 1960. 830 p.

New documents of V. I. Lenin. Vop. ist. KPSS 5 no. 4· 5-9 '61.

Political and party work in the Red Army from 1918 to 1920, the documents of the Central Archives of the Soviet Army. V. P. Portnov. Vop. ist. KPSS 5 no. 4 166-173 '61.

RUSSIA—REVOLUTION, 1917-1921—AERIAL OPERATIONS

Unequal skirmish. F. Abdullazhanov, G. Pastukhov. Vokrug sveta no. 6·56-57 Je '61.

RUSSIA—REVOLUTION, 1917-1921—CHINESE PARTICIPATION

Chinese communist organizations in Soviet Russia, from 1918 to 1920. V. M. Ustinov. Vop. ist. KPSS 5 no. 4 107-115 '61.

RUSSIA—REVOLUTION, 1917-1921—RUMANIAN PARTICIPATION

For a thorough verification of historical facts. Sh. Chiladze, B. B. Medvedev. Vop. ist. KPSS 5 no. 4 150-151 '61.

RUSSIA—SOCIAL CONDITIONS

Cultural education. G. Kovalenko. Komsom. zhizn' no. 24 25-30 D '59.

RUSSIA—STATISTICS, VITAL

Plukha, M. V. [Studies on population statistics.] Ocherki po statistike naselenia. Moskva, Gosstatizdat TsSU SSSR, 1960. 456 p.

RUSSIA—UNDERGROUND LITERATURE

Political ideas of a leaflet of 1820 addressed to the "Soldiers of the Preobrazhenskii Regiment." M. I. Baitin, V. V. Pugachev. Izv. vys. ucheb. zav. ,prav. 4 no. 1:145-150 '60.

Underground publications of social democratic organizations affiliated with the "Iskra" group. L. O. Varkhanen, I. L. Man'kovskaia. Vop. ist. KPSS 5 no. 4·174-183 '61.

RUSSIA, NORTHERN—AIR FORCE

Tireless. A. Nikolaev. Kryl. rod. 12 no. 7:7 Jl '61.

RUSSIA, NORTHERN—ARCHITECTURE, DOMESTIC

Ancheev, V.M., S.S.Kozhurin, and A.N.Korchuganov. [Manual for the individual builder in the North] Spravochnik individual'nogo zastroishchika na Severe. Petrozavodsk, Gos.izd-vo Karel'skoi ASSR, 1960. 223 p.

RUSSIA, NORTHERN—BIRDS

Latitudinal zonality of the Arctic bird fauna. S M Uspenskii Ornitologiia no 3 55-70 '60

Quantitative estimation of terrestrial birds in the tundra S M. Uspenskii Ornitologiia no 3 444-450 '60.

RUSSIA, NORTHERN—BUILDING—COLD WEATHER CONDITIONS

Akademiia stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Temporary instructions for carrying out building and assembly operations in the Far North and in permafrost regions] Vremennye ukazaniia po proizvodstvu stroitel'no-montazhnykh rabot v usloviiakh Krainego Severa i rajonov rasprostraneniia mnogoletnei merzloty VU 2-60. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 59 p.

RUSSIA, NORTHERN—CITY PLANNING

Some special features of building microdistricts in the Far North. B.Murav'ev, S.Odnovalov, M.TSimbal. Arkhit.SSSR no.3,23-25 '61.

RUSSIA, NORTHERN—CONSTRUCTION INDUSTRY

"Some special features of building in the Far North" by B.I.Berezovskii. Reviewed by E.Kh.Bulgakov Prom stroi. 39 no.4-62-63 '61

RUSSIA, NORTHERN—FIELD MICE

Ecological and some morphological characteristics of the brown vole (Clethrionomys Tilesius) in the northeastern part of Europe. N N. Vorontsov Trudy Zool inst. 29 101-136 '61

RUSSIA, NORTHERN—MAGNETIC PROSPECTING

Field work results of the aeromagnetic expedition of 1959. D.V.Levin, S.M.Krutkov Inform biul. NIIGA no.18,53-58 '60.

RUSSIA, NORTHERN—POTATOES—DISEASES AND PESTS

Oosporosis of potatoes in the Far North. I.M.Mantsurova. Zashch. rast. ot vred. i bol. 5 no.1-49-50 Ja '60.

RUSSIA, NORTHERN—SNOW BUNTINGS

Migrations of snow buntings. G P. Dementiev, M. I. Lebedeva Ornitologiia no. 3 112-113 '60

RUSSIA, NORTHERN—WATER RESOURCES DEVELOPMENT

The Pechora and the Vychegda will flow into the Caspian Sea. G. Sarukhanov. Agitator no 13:59-60 Jl '61.

RUSSIA, NORTHERN—WHITE WHALE

Outlook for the development of beluga fisheries in the European north R. Sh. Khuzin Trudy sov ikht kom. no. 12-133-137 '61

RUSSIA, NORTHERN—WORLD WAR, 1939-1945—AERIAL OPERATIONS

"In Arctic skies" by Z. A. Sorokin. Reviewed by B. L. Simakov. Vest. Vozd Fl no 3 85-87 '61

RUSSIA, NORTHWESTERN—DRAINAGE

Conference on problems in the development of land reclamation in the northwestern zone of the R. S. F. S. R. K. M. Lapidovskii. Gidr. i mel. 13 no 6 59-62 Je '61.

RUSSIA, NORTHWESTERN—FISHERY LAW AND LEGISLATION

More of fishery regulations in inland waters. A. F. Bondarenko, I. F. Voinarovskii, L. S. Kasperovich. Ryb. khoz. 37 no.4:38-39 '61.

RUSSIA, NORTHWESTERN—PEAT BOGS

High moors in the coastal areas of western seas of the U. S. S. R. [with summary in English]. N. IA Kats. Biul. MOIP. Otd. biol. 66 no. 2:44-64 Mr-Ap '61.

RUSSIA, SOUTHERN—FISHERIES

Zonal conference on the typology and biological foundation of the use of inland (fresh-water) bodies of water in commercial fishing in the southern zone of the U. S. S. R. M. S. Burnashev. Vop. ikht. 1 no 2:374-376 '61

RUSSIA, SOUTHERN—FORAMINIFERA, FOSSIL

Danian-Montian plankton foraminifers from the south of the U. S. S. R V. G. Morozova. Paleont. zhur. no. 2; 8-19 '61.

RUSSIA, SOUTHERN—WATER—COMPOSITION

Bromine and iodine content of pond waters in some arid regions. N. V. Veselovskii, I. A. Goncharova. Gidrokhim. mat 32:47-63 '61.

RUSSIAN DRAMA—HISTORY AND CRITICISM

Gromov, P. P. [The hero and the times; articles on literature and the theater] Geroi i vremia; stat'i o literature i teatre. Leningrad, Sovetskii pisatel', 1961. 577 p.

Hours of meditation. V. Rozov. Vop. lit. no. 11:63-69 N '59.

Principal topic of the day Georgii Radov Teatr 22 no. 6:90-96 Je '61

Rudnitskii, K. L. [Portraits of playwrights] Portrety dramaturgov. Moskva, Sovetskii pisatel', 1961. 397 p.

To remember the man of the new world. A. Shtein. Vop. lit. no. 11:73-79 N '59.

Unity of the internal and the external in conflict. E. Gorbunova. Vop. lit. no. 11:22-44 N '59.

RUSSIAN LANGUAGE—ACCENTUATION

Prudnikova, N. S. [Phonetics of the Russian language and accentuation; a practical course with exercises for Hungarian students] Fonetika russkogo iazyka i udarenie, prakticheskii kurs s uprazhneniiami dlia studentov-vengrov. Pod red. L. I. Bazilevicha. Moskva, Gos. izd-vo "Vysshaia shkola," 1960. 327 p.

RUSSIAN LANGUAGE—COMPOSITION AND EXERCISES

Antoshina, V. P., and M. N. Pitsyna. [Collection of articles for analysis in grades 5-8 of the schools for working and rural youth] Sbornik statei dlia izlozheniĭ v V-VII klassakh shkol rabochei i sel'skoi molodezhi. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 342 p.

RUSSIAN LANGUAGE—DIALECTS see subdivision under Komi A.S.S.R.

RUSSIAN LANGUAGE—DICTIONARIES

Akademiia nauk SSSR, Institut russkogo iazyka. [Dictionary of the modern Russian literary language] Slovar' sovremennogo russkogo literaturnogo iazyka. Moskva.

Vol. II. Pra-plat'iu. 1961. 1842 columns.

RUSSIAN LANGUAGE—DICTIONARIES—DUTCH

Pirot, Zh. L., comp. [Russian-Dutch dictionary] Russko-gollandskiĭ slovar'. Pod red. S. A. Mironova i A. S. Shil'pa. 37 000 slov. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1961. 1223 p.

RUSSIAN LANGUAGE—DICTIONARIES—KIRGHIZ

Ibraimov, S. [Dictionary and hydraulic engineering and land improvement terminology] Slovar' terminov po gidrotekhnike i melioratsii; proekt. Frunze, Izd-vo AN Kirgizskoi SSR, 1960. 124 p.

Karaev, Mukash. [Kirgiz terminological dictionary on drawing and mechanical drawing] Kirgizskii terminologicheskii slovar' po risovaniiu i cherchenitu. Frunze, Izd-vo AN Kirgizskoi SSR, 1961. 87 p.

Soronkaev, K., S. Chotokov, and Zh. Shukurov. [A draft dictionary of sociopolitical terms] Slovar' obshchestvenno-politicheskikh terminov; proekt. Frunze, Izd-vo AN Kirgizskoi SSR, 1960. 141 p.

RUSSIAN LANGUAGE—FOREIGN WORDS AND PHRASES

Dictionary of winged and foreign words. Agitator no. 13: 37 Jl '61.

RUSSIAN LANGUAGE—GRAMMAR

Basic characteristics of the grammar of the Seregovo dialect. M. S Mikheeva. Uch. zap Komi gos ped inst. no 8:97-121 '60.

Characteristics of the syntactical usage of constant word combinations without verbs. V. P. Zhukov Izv. AN Kazakh. SSR. Ser. filol. i lsk. no. 3:70-84 '60.

RUSSIAN LANGUAGE—PHONETICS

Prudnikova, N. S. [Phonetics of the Russian language and accentuation; a pratical course with exercises for Hungarian students] Fonetika russkogo iazyka i udarenie; prakticheskii kurs s uprazhneniiami dlia studentov-vengrov. Pod red. L. I. Bazilevicha. Moskva, Gos. uchebno-pedagog. izd-vo "Vysshaia shkola," 1960. 327 p.

The system of consonantal phonemes in the dialect of the village of Seregovo, Zheleznodorozhnyy District, Komi A. S. S. R. M. S. Mikheeva Uch zap. Komi gos. ped. inst. no 8-3-39 '60.

RUSSIAN LANGUAGE—STUDY AND TEACHING

Paskhina, A. V. [Methodological planning of phonetics and morphology lessons in the fifth grade of the eight-year schools with instruction in Ukrainian] Metodicheskie razrabotki urokov po fonetike i morfologii v V klasse vos'miletnei shkoly s ukrainskim iazykom obucheniia. Pod nauchn. red. V. I. Masal'skogo. Kiev, Gos. uchebno-pedagog. izd-vo "Radians'ka shkola," 1961. 164 p.

Shilova, N. I. [Cards for exercises in orthography and punctuation in grades 5-8; textbook for the teacher] Kartochki dlia uprazhnenii po orfografii i punktuatsii v V-VIII klassakh; posobie dlia uchitelia. Izd. 2., perer. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 631 p.

Studying progressive experience. R. Shovchenko. Nar. obr. no. 6:38-39 Je '61.

RUSSIAN LANGUAGE—STYLE

Lietvinov, N. G. [Problems in the style of the Russian language; an aid for newspaper workers] Voprosy stilistiki russkogo iazyka; v pomoshch' gazetnym rabotnikam. Moskva, Izd-vo VPSh i AON pri TsK KPSS.

Pt. 1. 1961. 82 p.

RUSSIAN LANGUAGE—SYNTAX

Rudnev, A. G. [Syntax of a simple sentence] Sintaksis prostogo predlozheniia. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 169 p.

RUSSIAN LANGUAGE—TEXTBOOKS FOR FOREIGNERS

Grigorenko, P. V., V. G. Koshaeva, and E. G. Shaverd'ian. [Textbook of the Russian language for foreign students in schools of medicine] Uchebnoe posobie po russkomu iazyku dlia studentov-inostrantsev, obuchaiushchikhsia v meditsinskikh institutakh. Moskva, Pervyi mosk. med. in-t, 1960 122 p.

Russian language textbook for eight-year schools. O Merzliakova Nar. obr. no 7,109-112 Jl '61

RUSSIAN LANGUAGE—TRANSLATING

Concerning the algorithm of Russian-Georgian machine translation. G. B Chikoidze Trudy Inst. elek. avtom. i telem AN Gruz SSR 1 17-23 '60.

RUSSIAN LITERATURE

Brief news. Vop. lit. no. 12:235-246 D '59.

RUSSIAN LITERATURE—BIBLIOGRAPHY see Bibliography—Russian literature

RUSSIAN LITERATURE—HISTORY AND CRITICISM

The active man. Viktor Pankov. Znamia 31 no. 6: 201-214 Je '61.

Akademiia nauk SSSR, Institut russkoi literatury. [Problems of realism in Russian literature of the 19th century] Problemy realizma russkoi literatury XIX veka. Moskva, 1961. 409 p.

A character or a "wordy fabric?" P. Palievskii. Vop. lit. no. 11:84-99 N '59.

Criticism and life. Vop. lit. 5 no. 6:3-11 Je '61.

Discovery of typical characters. F. Gladkov. Vop. lit. no. 11:70-72 N '59.

Dremov, A. K. [Artistic image] Khudozhestvennyi obraz. Moskva, Sovetskii pisatel', 1961. 404 p.

"Fire and smoke." V. Saparin. Vokrug sveta no. 6: 62-63 Je '61.

For a man and mankind. T. Trifonova. Vop. lit. 5 no. 6: 12-35 Je '61.

Gromov, P. P. [The hero and the times; articles on literature and the theater] Geroi i vremia; stat'i o literature i teatre. Leningrad, Sovetskii pisatel', 1961. 577 p.

Information on the acquisition of old Russian manuscripts in the Institute of Russian Literature (Pushkin House) of the Academy of Sciences of the U. S. S. R. during 1958 and 1959. V. I. Malyshev. Biul. Rukotd. Push. doma no. 9 105-109 '61.

Kryzhanivs'kyi, S. A. [Socialist realism is the creative method of Soviet literature] Sotsialistychnyi realizm - tvorchyi metod radians'koi literatury. Kyiv [Vyd-vo i kombinat druku "Radians'ka Ukraina"] 1961. 51 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 8, no. 0)

Mood, plot, and language. IUrii Bondarev. Vop. lit. no. 11:80-83 N '59.

Nazarevskii, A. A. [Literary aspect of the official documents of Muscovite Rus at the beginning of the 17th century] O literaturnoi storone gramot i drugikh dokumentov Moskovskoi Rusi nachala XVII veka. [Kiev] Izd-vo Kievskogo univ., 1961. 77 p.

The right-wing revolution. V. Ozerov. Vop. lit. no. 11: 3-21 N '59.

The spiritual aspect of the hero. S. Shtut. Vop. lit. no. 12:24-49 D '59.

To be the master! IU. Burtin. Novyi mir 37 no 7: 247-257 Jl '61.

An up-to-date book on the Russian classics ("Articles on Russian literature" by A. Skaftymov. Reviewed by L. Ginzburg). Vop. lit. no. 11:221-226 N '59.

The vital position of the writer. A. Karaganov. Vop. lit. no. 12:3-23 D '59.

RUSSIAN LITERATURE—PERIODICALS

"Sibirskie ogni." O. Volkinskaia. Vop. lit. no. 11: 196-210 N '59.

RUSSIAN LITERATURE—STUDY AND TEACHING

Akademiia pedagogicheskikh nauk RSFSR, Moscow. Institut obshchego i politekhnicheskogo obrazovaniia. [Teaching literature in eight-year schools according to the new program] O prepodavanii literatury v vos'miletnei shkole po novoi programme. Pod red. N. I. Kudriasheva. Moskva, 1961. 117 p. (Pedagogicheskaia biblioteka uchitelia)

RUSSIAN NEWSPAPERS (see also subdivision under Uzbekistan)

Begtian, S. D. [Lenin's "Pravda" in the Urals, 1912-1914] Leninskaia "Pravda" na Urale, 1912-1914 gody [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1960. 93 p.

History of Lenin's newspaper "Iskra." V. M. Kireeva. Vop. ist. KPSS 5 no. 3:178-182 '61.

Voice of the millions; facts and figures. Agitator no. 7:10-21 Ap '61.

RUSSIAN PERIODICALS

The Paris Commune and the periodical "Delo"; on the 90th anniversary of the Paris Commune. B. I Esin. Vest. Mosk. un. Ser. 7; Filol., zhur. 16 no. 3:79-82 My-Je '61.

RUSSIAN PERIODICALS (Continued)
Voice of the millions; facts and figures. Agitator no. 7: 19-21 Ap '61.

RUSSIAN PERIODICALS—INDEXES
[Chronicle of periodical articles.] Let. zhur. st. nos. 27-29 '61.

RUSSIAN PHYSICIANS see Physicians, Russian

RUSSIAN PLATFORM—DOLOMITE
Conditions of formation of dolomites in the ancient sediments of the Russian Platform T S N Pitkovskaia Trudy VNIGRI no 163:514-528 '60.

RUSSIAN PLATFORM—GEOLOGY, STRATIGRAPHIC
Stratigraphic position of the Borovka series in the eastern Russian Platform. L. V. Solontsov, V. I. Troepol'skii, S. S. Ellern. Uch. zap. Kaz. un. 120 no. 4 3-11 '60.

RUSSIAN PLATFORM—GEOLOGY, STRUCTURAL
Basic tectonic features of the northeastern Russian Platform. V S. Zhuravlev, R A Gafarov Biul. MOIP. Otd. geol. 34 no 5 151-152 S-O '59

RUSSIAN PLATFORM—PETROLEUM GEOLOGY
Comparision of the physical properties of the Devonian and Carboniferous sediments in separate cross sections of oil-bearing and barren areas of the Russian Platform P. F. Milaushkin. Trudy VNIGRI no 163 576-587 '60

RUSSIAN POETRY—HISTORY AND CRITICISM
Aseev, N. N. [Who needs poetry and why] Zachem i komu nuzhna poeziia. Moskva, Sovetskii pisatel', 1961. 314 p.
Reserves of a lyric I. Grinberg. Moskva 5 no. 5 213-218 '61.
"Russian poets of the nineteenth century"; a chrestomathy. Reviewed by V. Afanas'ev. Vop. lit. no. 12: 203-207 D '59.

RUSSIAN SATELLITES see Communist Countries

RUSSIAN SOCIAL DEMOCRATIC PARTY
(see also subdivision under Latvia; Moscow)
An article of V. I. Lenin. Vop. ist. KPSS 5 no. 4: 3-4 '61.
The Bolshevik party in the struggle for the peasant masses during the period of new revolutionary enthusiasm, 1910-1914. N. I. Kuklin. Uch. zap. Irk. gos. ped. inst. inostr. iaz. no 3 3-41 '59
The complete set of "Iskra" in the city of Burgas. G. Gorov Vop. ist. KPSS 5 no 3:162-163 '61
Correspondence between V. I. Lenin and N. D. Kiknadze V. G. Esaiashvili. Vop. ist. KPSS 5 no. 4:145-148 '61.
The first program of the Bolshevik Party worked out by V. I. Lenin M. A. Moskalev Vop. ist. KPSS 5 no 3: 138-149 '61
Gorbunova, M. I. [The struggle to create a Marxist party in Russia. The formation of the Russian Social Democratic Party. Origin of bolshevism, 1894-1904. Lecture 2: Lenin's plan for the building of a Marxist party. The struggle of Lenin's "Iskra" to build a party] Tema II: Bor'ba za sozdanie marksistskoi partii v Rossii. Obrazovanie RSDRP. Vozniknovenie bol'shovizma, 1894-1904 gg.; lektsiia 2: Leninskii plan postroeniia marksistskoi partii. Bor'ba leninskoi "Iskry" za sozdanie partii. Kiev, M-vo vysshego i srednego obrazovaniia USSR, 1960. 15 p.
History of Lenin's newspaper "Iskra." V. M. Kireeva. Vop. ist KPSS 5 no 3:178-182 '61.
Krishich, V. S. [The founders of Marxism-Leninism on the collective guidance of the party] Osnovopolozhniki marksizma-leninizma o kollektivnosti partiinogo rukovodstva. Moskva, Gos. izd-vo polit. lit-ry, 1961. 95 p. (Voprosy partiinogo stroitel'stva)
Lenin, V. I. [Complete works] Polnoe sobranie sochinenii. Izd. 5. Moskva, Gos. izd-vo polit. lit-ry. Vol. 17, [March 1908-June 1909] Mart 1908-iiun' 1909. 1961. 655 p.
Popular publications should be exact and full. S. M. Petrov Vop. ist. KPSS 5 no 3:157-159 '61
Propaganda of the underground press of the Ural Bolsheviks intended for soldiers during the years of reaction; 1907-1910. B P. Baluev. Vest. Mosk. un. Ser. 7. Filol., zhur. 16 no. 3,31-41 My-Je '61
A review of letters to V. I. Lenin, from 1900 to 1912. K. V. Shakhnazarova. Vop. ist. KPSS 5 no. 4:116-125 '61.
Temporary agreements of Russian social democrats with bourgeois liberals. L. V. Shtrikov. Vop. ist. KPSS 5 no. 4:139-144 '61.
Underground publications of social democratic organizations affiliated with the "Iskra" group. L. O. Vankhanen, I. L. Man'kovskaia. Vop. ist. KPSS 5 no. 4:174-180 '61.
Zhdanovskaia, Z. V., and others. [A review of the sources of the history of CPSU] Obzor istochnikov istorii KPSS; kurs lektsii. [Moskva] Izd-vo Mosk. univ., 1961. 559 p.

RUSSIAN SOCIAL DEMOCRATIC PARTY—BIBLIOGRAPHY see Bibliography—Russian Social Democratic Party

RUSSIAN STUDIES see subdivision under France

RUSSO-JAPANESE WAR, 1904-1905—NAVAL OPERATIONS
Feat of the "Steregushchii." Voen. znan. 37 no. 7:10 Jl '61.

RUTENBURG, DAVID MIKHAILOVICH, 1890-
Professor David Mikhailovich Rutenburg; on his 70th birthday. Zhur. ush., nos. 1 gorl. bol. 20 no. 4:83 Jl-Ag '60.

RUTHENIA see Transcarpathia

RUTHENIUM
Zvinginisev, O. E. [Chemistry of ruthenium] Khimiia rutenila. Moskva, 1955. 4 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

RUTHERFORD, ERNEST, 1871-1937
Two letters from Ernest Rutherford. M. I. Radovskii Priroda 50 no 7 93-95 Jl '61.

RUTILE
Calculating changes in the concentration of defects in rutile ceramics during aging and regeneration S. N. Koikov, V. IA. Kunin, A. N TSikin Fiz. tver. tela 3 no. 2 651-657 F '61

RUZHYEVKA (VIRGIN TERRITORY)—GRAIN—TRANSPORTATION
Compare with this motortruck. G. Tolmachev. Izobr. i rats. no. 7 18-19 Jl '61.

RYAZAN—HOUSING MANAGEMENT
Provincial committee of the trade union and house committees N Shemiakin Zhil.-kom. khoz 11 no. 4:11-12 Ap '61

RYAZAN—MACHINE-TOOL INDUSTRY
The 6L36 automatic production line. A. I. Berzon Biul. tekh.-ekon. inform. no. 6 21 '61.

RYAZAN—TEXTILE FACTORIES
Experience of Ryazan construction workers. A. Baranov, A. Nazarenko Na stroi. Ros. no. 4:3-5 Ap '61.

RYAZAN PROVINCE—AGRICULTURE
Vsesoiuznaia akademiia sel'skokhoziaistvennykh nauk imeni V. I. Lenina. [Model technological charts for growing and harvesting farm crops applicable in working out scientific farming systems and compiling long-range and yearly plans for collective and state farms of Ryazan Province] Primernye tekhnologicheskie karty po vozdelyvaniiu i uborke sel'skokhoziaistvennykh kul'tur dlia ispol'zovaniia pri razrabotke nauchno-obosnovannykh sistem vedeniia khoziaistva, sostavleniia perspektivnykh i godovykh planov ego razvitiia v kolkhozakh i sovkhozakh Riazanskoi oblasti. Riazan', 1960. 169 p.

RYAZAN PROVINCE—FIELD CROPS
[illegible]
long-range and yearly plans for collective and state farms of Ryazan Province] Primernye tekhnologicheskie karty po vozdelyvaniiu i uborke sel'skokhoziaistvennykh kul'tur dlia ispol'zovaniia pri razrabotke nauchno-obosnovannykh sistem vedeniia khoziaistva, sostavleniia perspektivnykh i godovykh planov ego razvitiia v kolkhozakh i sovkhozakh Riazanskoi oblasti. Riazan', 1960. 169 p.

RYAZAN PROVINCE—SOILS—CLASSIFICATION
Classification of soils in the eastern Ryazan Province. N. N Poddubnyi. Dokl TSKhA no 63 181-186 '61.

RYBNIKOV, NIKOLAI ALEKSANDROVICH, 1880-1961
Nikolai Aleksandrovich Rybnikov; obituary. Vop. psikhol. 7 no. 3.180-189 My-Je '61.

RYBTSOVSK DISTRICT—AGRICULTURAL MACHINERY
A mixed brigade of communist labor. A. Bekker. Ekon. sel'khoz. 32 no 6:68-70 Je '61.

RYE
Green fallows preceding winter rye in northwestern Stalingrad Province. F. K. Zaitalov. Dokl. TSKhA no. 60:19-24 '61.

RYE—FERTILIZERS AND MANURES
How the placement of organic fertilizers at different depths affects the yields of winter rye and vetch-oat mixtures on sandy soils of the non-Chernozem zone. A. E. Osin. Dokl. TSKhA no. 60, 61-67 '61.
How various fertilizers affect winter rye yields on loamy turf-Podzolic soils. V. I Shempel', S. I. Balakhonov. Zemledelie 23 no. 6:37-42 Je '61.

SABLES see subdivision under Baikal Lake region

SACHSENHAUSEN (CONCENTRATION CAMP)
[Invisible front; reminiscences of former prisoners in the "Sachsenhausen" Concentration Camp] Nezrimyi front; vospominaniia byvshikh uznikov kontslagerja "Zaksenkhauzen." Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 270 p.

SACRIFICE, HUMAN see subdivision under Germany, West

SAFETY APPLIANCES
The APB-1 automatic safety block I P Nikitin, N. S Frolov Bezop. truda v prom. 5 no. 6:21 Je '61
Safety device for stands. V. Serkov. Sel'. mekh. no 6: 30 '61.

SAFETY GOGGLES
Safety goggles B. D. Kielbs Zdorov'e 7 no. 7:20 Jl '61.

SAFETYLAMP
Explosion-proof storage-battery lamp. Iu. Grabovetskii, V. Shimanov. Pozh. delo 7 no. 6:11 Je '61.

SAHARA—NATURAL RESOURCES
Neocolonialists' designs in the Sahara A Manchou Vsem. prof. dvizh. no 5 27-28 My '61

SAIGON—DESCRIPTION
Saigon, 1960. Az. i Afr. seg. no. 3:48 Mr '61.

SAILORS (NAVY)
Principal aim. S. Bolko. Sov. voin 43 no. 7:8 Ap '61.

SAILORS (NAVY)—RECREATION
Today is leave day. V. Ivacheva, I Kashafutdinova Sov. voin 43 no. 11 44-45 Je '61.

SAKHALIN
[Sakhalin Province; collection of articles] Sakhalinskaia oblast'; sbornik statei. IUzhno-Sakhalinsk, Sakhalinskoe knizhnoe izd-vo, 1960. 367 p.

SAKHALIN—COAL GEOLOGY
Possibility of isolating three coal-bering series in the section of the Tertiary sediments of Sakhalin I I Ratnovskii, I. N. Kuzina Trudy VNIGRI no 163: 129-436 '60.

SAKHALIN—GROUSE
Biology of tetraonid birds in Sakhalin. I P. Mishin. Ornitologiia no 3:251-258 '60.

SAKHALIN—HEPATITIS, INFECTIOUS
Characteristics of the course in Botkin's disease in southern parts of Sakhalin. G. L Georgievskaia. Sov. med. 25 no. 5.134-137 My '61.

SAKHALIN—LONGICORN BEETLES
Longicorn beetles (Coleoptera, Cerambycidae) of Sakhalin. G. O. Krivolutskaia. Ent. obozr. 40 no. 2. 300-314 '61.

SAKHALIN—OIL FIELDS—PRODUCTION METHODS
Alimov, S. P., M. G. Leibson, and P. I. Khodovets. [Increasing oil recovery, Sakhalin oil workers' practice] Intensifikatsiia dobychi nefti; opyt sakhalinskikh neftianikov. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 71 p.

SAKHALIN—PETROLEUM GEOLOGY
Petroleum potential of the Paleogene sediments in southern Sakhalin. L. S. Zhidkova. Trudy VNIGRI no 163 157-177 '60

SAKHALIN—STATISTICS
Sakhalin (Province) Statisticheskoe upravlenie. [Economy of Sakhalin Province, statistical collection] Narodnoe khoziaistvo Sakhalinskoi oblasti; statisticheskii sbornik. IUzhno-Sakhalinsk, Sakhalinskoe knizhnoe izd-vo, 1960. 103 p.

SAKHALIN PROVINCE see Sakhalin

SAKHTY—TEACHING
We also have a smaller number of students repeating a year. A. Grigorenko. Nar. obr. no. 7:24-26 Jl '61.

SAKSAUL see subdivision under Kyzyl Kum

SALAIR RIDGE—BAUXITE
Pilot-plant testing of the sulfate-limestone method of preparing alumina from Salair bauxites. I. S. Lileev and others. Trudy Khim.-met. inst. Sib. otd. AN SSSR. no. 15:81-98 '60.

SALAIR RIDGE—CORALS, FOSSIL
Some data on rugose corals of the family Calostylidae. A. B Ivanovskii. Paleont. zhur. no. 2:119-121 '61.

SALICYLALDEHYDE
Crystal structure of nickel salicyl aldoxime. E. A. Shugam. Trudy IREA no. 22, 53-55 '58.
Determination of zinc by the luminescence method with salicylaldehyde semicarbazone. E. A. Bozhevol'nov. Trudy IREA no. 22:65-69 '58

SALICYLIC ACID
Production of para-aminosalicylic acid tablets. E. L. Marhulis. Farmatsev. zhur. 16 no. 3 69-70 '61.

SALINE AND ALKALI SOILS see subdivision under Amur Darya Valley; Kura-Aras Lowland; Mongolia, Inner

SALINE WATERS

Geographical conditions of the formation of salt lakes from the brines of underground salt deposits A. I. Dzens-Litovskii Trudy Lab ozeroved 10:95-100 '60.

Salt lakes in the arid zone of the globe A. I. Dzens-Litovskii Trudy Lab. ozeroved 10 63-94 '60

SALINGER, JEROME DAVID, 1919-

People in an abyss ("Catcher in the rye" by Jerome Salinger. Reviewed by E. Knipovich). Znamia 31 no.6:215-224 Je '61.

SALINITY

(see also subdivision under Barents Sea, Kara-Bogaz Gol, Pacific Ocean

Mechanisms of adaptation to changes in the salinity of water in the sockeye salmon (Oncorhynchus neka (Walb.)) M. G Zaks, M M. Sokolova Vop. ikht 1 no 2,333-346 '61

Method of calculating the distribution of salinity in waters off the mouth of the river. L. S Borishanskii Trudy Okean. kom. 10 no. 1:119-126 '60.

SALIVA

Effect of immunization on the lysozyme content of saliva in animals. A. M. Monaenkov, Iu. B. Ostrovskii. Dokl. AN SSSR 138 no. 5:1238-1240 Je '61.

SALIVARY GLANDS

Comparative study of the secretion of radioactive isotopes (phosphorus, potassium and iodine) during conditioned and nonconditioned salivation [with summary in English]. Iu. A. Petrovich. Zhur. vys. nerv. deiat. 11 no.2:295-302 Mr-Ap '61.

Effect of emotional conditions on secretory reactions of the salivary glands to pilocarpine. B. A. Smirnov. Fiziol. zhur. 47 no. 4:475-478 Ap '61.

Reaction of lacrimal and salivary glands to specific and nonspecific stimuli. I. A. Lapina. Fiziol. zhur 47 no no 4:483-486 Ap '61.

SALK VACCINE see Poliomyelitis vaccine

SALMON

(see also subdivision under Pacific Ocean)

Fish growers beyond the Arctic Circle; a photosketch. Ryb. khoz. 37 no. 4:12-47 '61.

SALMONELLA

Antigenic relationships in Shigella and Salmonella. Report No 1: Antigenic relationships in Shigella and Salmonella according to data on the precipitation reaction with antigens exposed to sound [with summary in English] I F. Pers. Zhur. mikrobiol. epid. i immun. 31 no 11,111-117 N '60.

Antigenic relationships in Shigella and Salmonella. Report No 2. On the nature of antigenic relationships in Shigella and Salmonella [with summary in English] I. F Pers Zhur. mikrobiol epid i immun 32 no. 3, 102-107 Mr '61.

Detection of bacteria of the typho-paratyphoid group with the aid of luminescent antibodies [with summary in English] S P Ivanova Zhur. mikrobiol. epid. i immun. 31 no. 11:25-30 N '60.

Diseases caused by S. Breslau. I. S. Davydova and others. Zhur. mikrobiol epid. i immun. 32 no. 4: 143 Ap '61.

Epidemiological peculiarities of meat toxinfections of a Salmonella character in Azerbaijan. A. M Akhmedov Zhur. mikrobiol epid. i immun. 31 no. 12 96 D '60.

Experimental Salmonella infections in monkeys [with summary in English]. Z. K. Stasilevich Zhur. mikrobiol. epid i immun. 32 no. 2:70-74 F '61.

Material on the etiology and epidemiology of Salmonella infections. Report No. 1. L. M. Margorina and others. Zhur. mikrobiol. epid. i immun. 32 no. 2:74-77 F '61.

Methodical instructions for the use of the titer phage rise for detecting dysentery and typhoid bacteria [with summary in English] D. M. Gol'dfarb, V. N. Kuznetsova, Z. S. Ostrovskaia. Zhur mikrobiol. epid. i immun. 31 no. 3:35-40 Mr '60.

Outbreak of Salmonella newport infection in a nursing. Kh. O. Pikhl. Zhur. mikrobiol. epid. i immun. 32 no. 2: 124-126 F '61.

Outbreak of salmonellosis L. N. Bitkina and others. Zhur. mikrobiol. epid. i immun. 31 no. 12:99-100 D '60.

Salmonellosis and the transmission of Salmonella. S. P. TSeitukov. Zhur. mikrobiol. epid. i immun. 31 no. 12. 112-116 D '60.

Studies on copro- and hemocultures with the use of the agglomeration reaction of alizarin-agglutin suspensions. Report No. 3 [with summary in English]. A. K. Adamov. Zhur. mikrobiol. epid. i immun. 31 no. 11:67-70 N '60.

SALMONELLA HIRSCHFELDII

Outbreak of food toxinfection caused by paratyphoid C bacteria. R. A. Akopian. Zhur. mikrobiol. epid. i immun. 31 no. 12:98-99 D '60.

SALMONELLA TYPHIMURIUM

Food poisoning caused by S. breslau var. bins. E. I. Shik Zhur. mikrobiol. epid. i immun. 31 no. 12:111-112 D '60.

Preparation with an arginine-decarboxylase activity obtained from S typhimurium and its effect in an experiment, author's abstract IU. V. Galaev, S R Khomik Zhur. mikrobiol epid i immun. 31 no 8:141 Ag '61

SALMONELLA TYPHOSA

Case of isolation of S typhi from dead Platyama vulgaris. V. P. Blokhov, V F. Mukhin Zhur mikrobiol epid i immun 32 no. 5,118-119 My '61.

Structural studies on antigens of bacteria from the enterotyphoid group by means of a specific gel precipitation method [with summary in English]. V D Gekker, N S. Sergeeva, L. K Ivanova Zhur. mikrobiol epid i immun. 32 no. 2:61-66 F '61

Use of the phage increase reaction in the examination of objects in the external environment. Report No. 1. Use of the phage increase reaction in water analysis. M A Gitsevich, K P Bolarshinova, G. A Kremenchuk. Zhur. mikrobiol. epid. i immun. 32 no. 3:43-44 Mr '61.

SALT

Approximate method of determining the heat-transfer coefficient during the boiling of aqueous salt solutions B. G Popov. Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no. 2:375-378 '60.

SALT CRYSTALS

Thermionic emission from single crystals of NaCl and KCl during bombardment by lithium and potassium ions. G. M Batanov. Fiz. tver. tela 3 no. 2,558-566 F '61

SALT DEPOSITS see subdivision under Inder, Lake

SALT FISH see Fish, Salt

SALTS

(see also subdivision under Siberia)

Akademiia nauk SSSR, Institut obshchei i neorganicheskoi khimii. [Manual on the fusibility of the systems consisting of anhydrous inorganic salts] Spravochnik po plavkosti sistem iz bezvodnykh neorganicheskikh solei. Sost. N. K. Voskresenskaia i dr. Moskva.

Vol. 1. [Binary systems] Dvoinye sistemy. 1961. 845 p.

Kashkarov, O. D. [Graphic calculations of salt systems] Grafichcskie raschety solevykh sistem. Leningrad, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1960, 439 p. (Leningrad. Vsesoiuznyi nauchno-issledovatel'skii institut galurgii. Trudy, no. 38)

SALTS—ELECTRIC PROPERTIES

Thermographic study of salts with the simultaneous recording of two properties - the thermal effects and the electric conductivity. L. G. Berg, N P Burmistrova. Zhur. neorg. khim 5 no. 3:676-683 Mr '60.

SALTS—THERMAL PROPERTIES

Thermographic study of salts with the simultaneous recording of two properties - the thermal effects and the electric conductivity. L. G. Berg, N. P. Burmistrova. Zhur. neorg khim. 5 no. 3:676-683 Mr '60.

SALTYKOV, MIKHAIL EVGRAFOVICH, 1826-1889

Correspondence; letters written by M. E. Saltykov-Shchedrin and those addressed to him. D. M. Klimova. Biul. Ruk. otd. Push. doma no. 9 107-186 '61.

The manuscripts and correspondence of M. E. Saltykov-Shchedrin. L. M. Dobrovol'skii. Biul. Ruk. otd. Push. doma no. 9:5-11 '61.

Zolotnitskii, D. [Shchedrin as a dramatist] Shchedrin - dramaturg. Leningrad, Gos. izd-vo "Iskusstvo," 1961. 210 p.

SALTYKOV, MIKHAIL EVGRAFOVICH, 1826-1889—BIBLIOGRAPHY see Bibliography—Saltykov, Mikhail Evgrafovich, 1826-1889

SAMARA BEND—LUMBERING—MACHINERY

Mechanized processing of full-length logs in the Perevoloki Combine. P. I. Mosevich, IU. V. Rusanov Les prom. 39 no 6:18-20 Je '61.

SAMARIUM

Gamma-transitions in the Sm^{146} nucleus. E. E. Berlov and others. Zhur. eksp. i teor. fiz. 40 no. 1:375-377 Ja '61.

SAMARIUM—DECAY

Level scheme of Eu^{153} [with summary in English]. L. I. Rusinov and others. Zhur. eksp. i teor. fiz. 40 no. 1: 79-84 Ja '61.

SAMARKAND—EXCAVATIONS (ARCHAEOLOGY)

Some materials on the topography of the southwestern part of Afrasiab (Samarkand). V. D. Zhukov. Obshchestv. nauki v Uz. no. 4:54-57 '61

SAMARKAND—MEDICAL COLLEGES

Thirtieth anniversary of the I. P. Pavlov Samarkand State Medical Institute. M. N. Khaitov. Med. zhur. Uzb. no. 5 77-78 My '61.

SAMARKAND—MURAL PAINTING AND DECORATION

Wall paintings and the time of their creation in the Ulug Beg Medresse, Samarkand. L. F. Borodina. Sov. arkheol. 5 no. 2:258-264 '61.

SAMARKAND PROVINCE—GOITER

Some results of a study of goiter in Samarkand Province of the Uzbek S S R P. N Karlenko and others Med zhur. Uzb. no 5 17-20 My '61.

SAMARKAND PROVINCE—PLANT QUARANTINE

Depending on nonsalaried workers. Kh. M. Simashev. Zashch. rast. ot vred. i bol. 5 no. 1 35-36 Ja '60.

SAN JOSÉ SCALE

Measures for controlling the San Jose scale. E. A. Pokrovskii, V. K. Unterberger, G. P. Danilkina. Zashch rast. ot vred. i bol. 5 no. 1:27 Ja '60.

SANATORIUMS

(see also subdivision under Livadaya)

New principles for standard planning of sanatoriums. G. Vinogradov. Arkhit. SSSR no. 5 9-14 '61.

Summer sleeping quarters of frame and panel construction L. Lysaia, G. Makarov, L Belousov. Arkhit SSSR no. 5:15-17 '61.

SAND

(see also subdivision under Kyakhta District)

Determining the moisture content of sand. V. Koppel'. Stroitel' no. 5:31 My '61.

Vibrated screen. Stroitel' no. 5-10 My '61.

SAND, FOUNDRY

Making large cast iron parts in molds of sand and sodium silicate. M. S. Kagan. Lit. proizv. no. 6 12-13 Je '61.

SAND AND GRAVEL INDUSTRY

Fedotov, A. S. [Basic considerations in quarrying rocks, gravel, and sand] Osnovnye raschety pri otkrytoi razrabotke nerudnykh stroitel'nykh materialov. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960, 171 p.

SANDSTONE

Relation between the velocity of elastic longitudinal waves and some physical characteristics of sedimentary rocks L. S Polak, M B Rapoport Prikl geofiz. no. 29:12-19 '61

SANGILEN RANGE—ROCKS, IGNEOUS

Absolute age of intrusions in the eastern Tuva region and the Yenisey Range [with summary in English] S I Zykov and others. Geokhimiia no. 7 547-560 '61.

SANITARY ENGINEERING

Fedorov, N. F., and V. M. Gusev. [Sanitary engineering] Sanitarnaia tekhnika. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 371 p.

SANITARY ENGINEERING—BIBLIOGRAPHY see Bibliography—Sanitary engineering

SANITATION

Bogolepova, L. S., and V. A. Smirnova-Rakitina. [Movement for improving sanitary conditions] Dvizhenie za sanitarnuiu kul'turu. Moskva, Izd-vo "Znanie," 1961. 32 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Biologiia i meditsina, no. 10)

SANZAR VALLEY—GAS, NATURAL—PIPELINES

Earthwork operations in building a crossing over the Sanzar River. A. IA. Belen'kii. Strol. truboprov. 6 no. 4:19-20 Ap '61.

SAP

Cause of the buoyancy of plankton diatoms [with summary in English]. K. V. Beklemishev, M. N. Petrikova, G. I. Semina. Trudy Inst. okean. 51:33-36 '61.

SAPONIFICATION

Saponification of complete esters of phosphorous acid with pure water. M. G Imaev. Zhur. ob. khim. 31 no. 6:1762-1766 Je '61.

Saponification of trialkyl phosphites in the presence of inorganic and organic bases M. G Imaev. Zhur. ob. khim. 31 no. 6,1767-1770 Je '61.

SARATA DISTRICT—HARVESTING

Harvesting in separate operations brings good results. I. Kutselepa. Agitator no. 13:31-32 Jl '61.

SARATOV—LIBRARIES

Soviet of a city library. M. Pokatilova. Bibliotekar' no. 6:40-41 Je '61.

SARATOV—MACHINE-TOOL INDUSTRY

How to plan the work of a trade union committee. S Zubkov. Sov. profsoiuzy 17 no. 12 32-33 Je '61.

SARATOV—THEATER

"Hamlet" V. Ryzhova. Teatr 22 no. 6:140-142 Je '61.

SARATOV PROVINCE—CONSTRUCTION INDUSTRY

Industrial enterprises help the village. Sel'. stroi. 16 no. 5:3 My '61.

Saratov Province Interfarm Construction Trust can work better. P. Lipkin. Sel'. stroi. 16 no. 5:10-12 My '61.

SARATOV PROVINCE—DAIRY BARNS
Mechanizing labor-consuming operations in frame cow barns. A. Ul'ianov, B. Kononov. Sel'. stroi. 15 no. 4:7-8 Ap '61.

SARATOV PROVINCE—ECONOMIC CONDITIONS
Attract and interest. V. Kusmartsev. Komsom. zhizn' no. 24 19-20 D '59.

SARATOV PROVINCE—FINANCE
Closer to production. P. Os'kin. Fin. SSSR. 22 no. 6:41-46 Je '61.

SARATOV PROVINCE—POLITICS AND GOVERNMENT
The communal self-government; based on the materials of Saratov Province. T. M. Pul'gunova, I. E. Farber. Sov. gos. i pravo 31 no. 7 103-107 Jl '61.

SARATOV PROVINCE—ROTATION OF CROPS
Effectiveness of various crop rotations on state grain farms of Saratov Province. N. V. Medvedev. Dokl. TSKhA no. 58, 241-252 '60.

SARATOV PROVINCE—STEEL INDUSTRY—PRODUCTION STANDARDS
Practice of the labor organization and production laboratory. S. Aptekar', F. Shmulich. Sots. trud 5 no. 12 132-134 D '60.

SARCOLYSINE
Effect of sarcolysine peptides on the metabolism of purine nucleotides in tumor cells [with summary in English] I. N. Romanova. Biokhimiia 26 no. 3 431-438 My-Je '61.

SARDINES see subdivision under Maritime Territory

SARGASSO SEA—HYDROLOGY
Some hydrological features of the Sargasso Sea. K. P. Vasil'ev, V. M. Gruzinov. Meteor. i gidrol. no. 7:32-35 Jl '61.

SATELLITES, ARTIFICIAL see Artificial satellites

SATIRE
Gural'nik, U. A. [Laughter is a weapon of the strong; Soviet satire and humorous literature at present] Smekh - oruzhie sil'nykh; sovetskaia satiricheskaia i yumoristicheskaia literatura segodnia. Moskva, Izd-vo "Znanie," 1961. 46 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6, Literatura i iskusstvo, no. 10)

SAULIAI—REINFORCED CONCRETE CONSTRUCTION
Industrial construction of rural stores. Sel'. stroi. 15 no. 4:31 Ap '61.

SAWMILLS
(see also subdivision under Perm Province)
Fil'kevich, V. IA. [Balancing of gang saw units] Uravnoveshivanie mass lesopil'nykh ram. Moskva, Goslesbumizdat, 1961. 115 p.

SAWMILLS—SAFETY MEASURES
Moskalev, S. A. [Pamphlet on safety engineering for gang-saw operators] Pamiatka po tekhnike bezopasnosti dlia mashinistov piloramy. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 16 p. (Tekhnika bezopasnosti)
Piterskov, N. I. [Pamphlet on safety engineering for the operators of circular and pendulum saws] Pamiatka po tekhnike bezopasnosti dlia rabotaiushchikh na tsirkul'noi i maiatnikovoi pilakh. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 13 p.

SAWS
Shifting to saw frames with a delivery head of 700 mm. A. L. Bershadskii. Les. prom. 39 no. 6:22-23 Je '61.

SAWS—TESTING
Stand for testing the "Druzhba" gasoline engine saw. V. G. Pershin, L. N. Belovzorov. Les. prom. 39 no. 5: 15-17 My '61.

SAYAN MOUNTAINS—GEOLOGY, STRATIGRAPHIC
Internal nonuniformity of the Dzhebash metamorphic formation in the Western Sayan Mountains. V. V. Bogatskii. Geol. i geofiz. no. 5:73-74 '61.

SAZAVA VALLEY—TOURIST CAMPS, HOSTELS, ETC.
River of friendship. Vokrug sveta no. 7:25 Jl '61.

SCALE INSECTS—PARASITES see Parasites—Scale insects

SCALES (WEIGHING INSTRUMENTS)—TESTING
Testing scales for weighing motor vehicles. G. Dedich. Izm. tekh. no. 7:10-12 Jl '61.

SCANDINAVIA—EDUCATION
School reform in the Scandinavian countries. E. Sokolov. Nar. obr. no. 7:101-106 Jl '61.

SCANDINAVIA—YOUTH
Scandinavian contemporaries. N. Kolesnikova. Vokrug sveta no. 7:40-42 Jl '61.

SCANDIUM
Sorption of scandium by ionites from solutions of nitric, sulfuric, hydrochloric, and perchloric acid. A. P. Samodelov. Izv. Sib. otd. AN SSSR no. 5 66-69 '61.

SCANDIUM—ANALYSIS
Method of chemical determination of scandium in coal ash. Z. L. Guseva. Nauch. trudy MGI no. 27:81-88 '59
Quantitative determination of scandium by means of halo-substituted mandelic acid [with summary in English]. I. P. Alimarin, Shen' Khan'-ai (Shên Han-hai). Zhur. anal. khim. 16 no. 3 279-283 My-Je '61.

SCANDIUM—DECAY
$\beta\gamma$-polarization correlation in β-decay of Sc^{46} [with summary in English] V. M. Lobashov, V. A. Nazarenko, L. I. Rusinov. Zhur. eksp. i teor. fiz. 40 no. 1 10-12 Ja '61.

SCAPOLITE
Scapolite from contact metasomatic formations in granites of the middle Azov Sea Region [with summary in English] E. IA. Marchenko. Dop. AN URSR no. 5 665-668 '61.

SCARABAEIDAE see subdivision under Tajikistan

SCARABS
Mechanized pesticide application to soil for the control of scarab larvae in pine plantations. V. E. Ivanitskii, A. G. Treml'. Biul. nauch.-tekh. inform. Ukr. NIILKhA no. 3/4:56-59 '57.

SCARLET FEVER
Active immunization against scarlet fever and its influence on the incidence of tonsilitis [with summary in English] S. L. Mitel'man. Zhur. mikrobiol. epid. i immun. 32 no. 4 53-55 Ap '61.
Comparative experimental study of 3 sorbed preparations of scarlet fever erythrogenic toxin [with summary in English] I. V. Kushko, V. V. Akimova. Zhur. mikrobiol. epid. i immun. 31 no. 8 51-54 Ag '60.
Scarlet fever in capitalistic countries; review of statistical data and some epidemiological problems. [with summary in English] M. N. Tkacheva. Zhur. mikrobiol. epid. i immun. 32 no. 4 56-61 Ap '01
Some epidemiological peculiarities of childrens' infections in Kaluga Province. Report No. 1 Seasonal character of diphtheria and scarlet fever. V. A. IAvtumov. Zhur. mikrobiol. epid. i immun. 31 no. 12, 95 D '60.
Study of the immunological and epidemiological activity of purified sorbed scarlet fever toxin [with summary in English]. S. L. Mitel'man. Zhur. mikrobiol. epid. i immun. 31 no. 8:70-75 Ag '60

SCATTERING (PHYSICS)
Integral equation for KN-scattering [with summary in English]. IU. Vol'f, V. TSeitner. Zhur. eksp. i teor. fiz. 40 no. 1 163-169 Ja '61.
Integral equation for pion-nucleon scattering at low energies [with summary in English]. Chzhu Khun-iuan' [Chu Hung-yuan]. Zhur. eksp. i teor. fiz. 40 no. 1 227-238 Ja '61
Polarization of particles with spin 1 in elastic scattering. IU. A. Popov. Vest. Mosk. un. Ser. 3: Fiz., astron. 16 no. 2:26-33 Mr-Ap '61.

SCHILLER, JOHANN CHRISTOPH FRIEDRICH VON, 1759-1805
"Collected works in seven volumes" by Friedrich Schiller. Reviewed by S. Turaev. Vop. lit. no. 12: 211-217 D '59.
The theater of Schiller. N. Berkovskii. Vop. lit. no. 11: 155-185 N '59.

SCHIZOPHRENIA
Aminazine treatment of patients with schizophrenia suffering from pulmonary tuberculosis [with summary in French]. E. A. Kivimiagi, E. A. IUdovich. Zhur. nevr. i psikh. 61 no. 2:247-250 '61.
Change in thermoregulation in schizophrenics during treatment with aminazine. N. K. Vilte, I. A. Mizrykhin, E. P. Topchieva. Vrach. delo no. 4:97-100 Ap '61.
Changes in the higher nervous activity and tone of the cerebral vessels in patients with schizophrenia [with summary in English]. A. S. Staritsyn, K. P. Moskovchenko. Zhur. vys. nerv. deiat. 11 no. 2:237-244 Mr-Ap '61.
Clinical and experimental study of the mechanisms of psychotherapy [with summary in English]. C. Astrup. Zhur. vys. nerv. deiat. 11 no. 2:216-224 Mr-Ap '61.
Immunological reactivity in patients with schizophrenia during treatment with insulin and neuroleptic drugs [with summary in French]. L. S. Kulikov. Zhur. nevr. i psikh. 61 no. 2:201-207 '61.
Letters to the editor. B. V. Zaitsev. Zhur. nevr. i psikh. 61 no. 2:318-319 '61.
Results of electroencephalographic studies on patients with a paranoid form of schizophrenia during treatment with aminazine. Report No. 2 [with summary in English]. N. IA. Belen'kaia. Zhur. nevr. i psikh. 61 no. 2:218-227 '61.
Significance of overstrain and changes in the external surroundings in the development of recurrences of schizophrenia. Kh. A. Alimov. Med. zhur. Uzb. no. 1: 58-60 Ja '61.
Treatment of patients with schizophrenia with prolonged uninterrupted sleep and a simultaneous application of aminazine [with summary in French]. V. P. Kutin. Zhur. nevr. i psikh. 61 no. 2:228-231 '61.

SCHIZOPROBOSCINA
Injuries in crinoids caused by Schizoproboscina. IU. A. Arendt. Paleont. zhur. no. 2:101-106 '61

SCHOOL CHILDREN
Changes in the electrical activity of the brain in children after school lessons [with summary in English]. IU. M. Pratusevich, N. N. Korzh. Gig. i san. 26 no. 1:44-50 Ja '61.

SCHOOL HYGIENE
Health and educational significance of extended school days [with summary in English]. L. I. Aleksandrova. Gig. i san. 26 no. 1:50-54 Ja '61.

SCHOOL SUPERVISION
(see also subdivision under Chelyabinsk, Kasimov, Ryazan Province; Kukmor District)
Russia (1917- R. S. F. S. R.) Upravlenie po doshkol'nomu vospitaniiu. [Kindergarten, a book for supervisors of kindergartens] Detskii sad; kniga dlia zaveduiushchikh detskimi sadami. Izd. 2. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 324 p.

SCHOOLHOUSES
(see also subdivision under Chekmagush District; Kiev; Leningrad; Voronezh)
Color in finishing school buildings. S. Sarkisov. Arkhit. SSSR no. 3:33-36a '61.

SCHOOLS see subdivision under Irkutsk Province, Sidi-Youssef, Tunisia

SCHOOLS—FURNITURE, EQUIPMENT, ETC.
Useful device. A. Banin. Nar. obr. no. 7:124 Jl '61
Workroom equipment for primary grades. E. Kostiashkin and others. Nar. obr. no. 6 insert Je '61.

SCHOOLS—LIGHTING
Evaluating the quality of lighting. E. B. Sheftel'. Svetotekhnika 7 no. 6:12-17 Je '61.

SCIATIC NERVE—FOREIGN BODIES
Foreign bodies of the sciatic nerve in gunshot injuries. K. F. Kanareikin. Arkh. pat. 24 no. 4:72-76 '61.

SCIATIC NERVE—TRANSPLANTATION
Suture of a nerve, repair of large defects of the nerve trunk, and prevention of amputation neuromas. F. M. Golub and others. Med. zhur. Uzb. no. 1:26-31 Ja '61.

SCIATICA
Cerebrospinal fluid in lumbar and sciatic pain [with summary in French]. T. G. Gloriozova. Zhur. nevr. i psikh. 61 no. 2 287-290 '61.

SCIENCE
(see also subdivision under Pakistan)
Danin, D. S. [Inevitability of a strange world] Neizbezhnost' strannogo mira. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia" 1961. 358 p.
Discussion of M. V. Keldysh's speech. L. A. Artsimovich and others. Vest. AN SSSR 31 no. 7:40-89 Jl '61.
In the joint council on the physicomathematical and technical sciences. A. K. Chernenko. Izv. Sib. ot. AN SSSR no. 6:134-135 '61
Kuzin, A. M. [Natural sciences and practice] Estestvennye nauki i praktika. Moskva, Izd-vo "Znanie," Vses. ob-va po rasprostraneniiu polit. i nauch. znanii, 1961. 30 p. (Narodnyi universitet kul'tury, no. 1)
A little bit about many things. Nauka i zhizn' 28 no. 5 70-71 My '61.
News from five continents. IUn. tekh. 6 no. 3:18-20 Mr '61.
Soviet science and the development of communism. M. V. Keldysh. Vest. AN SSSR 31 no. 7:14-39 Jl '01.

SCIENCE—BIBLIOGRAPHY see Bibliography—Science

SCIENCE—BIO-BIBLIOGRAPHY
Portraits of our scientists ("Materials for biobibliographies on scientists of the U. S. S. R." Reviewed by I. Inozemtsev). Novyi mir 37 no. 6:266-271 Je '61

SCIENCE—CLASSIFICATION see Classification of sciences

SCIENCE—INTERNATIONAL COOPERATION
Cooperation of the Soviet Academy of Sciences with foreign institutions. Vest. AN SSSR 31 no. 5:98 My '61.
Some problems in international cooperation in sciences, results of the 11th session of the general meeting of UNESCO. N. M. Sisakian, K. P. Rubanik. Vest. AN SSSR 31 no. 5:78-88 My '61.

SCIENCE—JUVENILE LITERATURE
Lyricism in physics and the teacher ("Paths into the unknown" Reviewed by M. Shurko). Nar. obr. no. 7: 113-114 Jl '61.

SCIENCE—MISCELLANEA
Exposed wonders ("Usual in the unusual" V. Mezentsev. Reviewed by S. Chekrygina). Vokrug sveta no. 7 63 Jl '61

SCIENCE—PHILOSOPHY
Critical evaluation of the concept of science and logical positivism [with summary in English, p. 184]. S. A. Janovskaia. Vop. filos. 15 no. 6:47-53 '61.

SCIENCE—STUDY AND TEACHING
Akademiia nauk SSSR. [Science and youth] Nauka i molodezh'. Moskva, 1960. 424 p.

SCIENCE FICTION
Fantasy and life. B. Liapunov. Vop. lit. no. 12:50-66 D '59.
Reflection of a dream. V. Sytin. Moskva 5 no. 5 206-211 '61.

SCIENTIFIC APPARATUS AND INSTRUMENTS
Apparatus for the demonstration of atomic and ionic structure. Khim. v shkole 16 no. 2 82-83 Mr-Ap '61.
Exchange of experience. Zav. lab. 27 no. 6:769 '61.

SCIENTIFIC APPARATUS AND INSTRUMENTS—BIBLIOGRAPHY see Bibliography—Scientific apparatus and instruments

SCIENTIFIC EXPEDITIONS see subdivision under Asia

SCIENTISTS—CORRESPONDENCE, REMINISCENCES, ETC.
Impossible things made possible. G. Babat. IUn. tekh. 5 no. 3:57-59 Mr '61.

SCINTILLATION COUNTERS
Structure of plastic scintillators. Part 3. Study of the temperature dependence of the refraction index and the determination of temperature transition points [with summary in English]. E. E. Baroni. Vysokom. soed. 3 no. 7 956-959 Jl '61.

SCISSORS AND SHEARS
Scissors for cutting glass tubes. IU. M. Shwab. Khim. v shkole 16 no. 2, 84 Mr-Ap '61.

SCLERODERMA
Circumscribed scleroderma as a syndrome of neural lesions [with summary in French]. G. IA. Vysotskii. Zhur. nevr. i psikh. 61 no. 2:294-297 '61.
Histochemical study of changes in the connective tissue of the skin in patients with scleroderma treated with lydase [with summary in French]. V. A. Rakhmanov, R. Kh. Khmel'nitskii. Sbor. nauch. rab. po lepr. i derm. no. 13, 103-110 '59.

SCOWS
Diesel-powered scow "Chernomorskaia-1." M. G. Shmakov. Sudostroenie 27 no. 6:60 Je '61.

SCRAP METAL INDUSTRY
Establishing regulations on bonuses for workers of industrial and business organizations for collecting, storing, delivering and unloading ferrous and nonferrous metal scrap. Biul. Gos. kom. po vop. truda i zarplaty no. 1 61-63 '61.

SCRAP METALS
Wire made of scrap metals. M. N. Babaev, V. G. Gubskii. Mashinostroitel' no. 6:19 Je '61.

SCRAPERS
The new D-457A scraper. A. M. Zhokhov. Stroi. i dor. mash. 6 no. 5:12-13 My '61.
Self-propelled Single-axle scraper. Na stroi. Ros. no. 3: 27 Mr '61.

SCREENS
Vibrated screen. Stroitel' no. 5:10 My '61.

SCREENS (MINING)
Basic principles in designing systems of resonance screens with nonlinear vibration absorbers. D. N. Usenko, B. I. Kriukov. Izv. vys. ucheb. zav., gor. zhur. no. 4:98-105 '61.

SCREENS (MINING)—ELECTRIC DRIVING
Determining the coefficient of effective load on the shaft of the drive on a vibrating screen. S. I. Liakhovitskii. Izv. vys. ucheb. zav.; gor. zhur. no. 4, 133-136 '61.

SCREW THREADS
New thread for large heavy-loaded joints. B. A. Morozov, V. P. Artiukhov. Vest. mash. 41 no. 6:34-37 Je '61.

SCREW THREADS—MEASUREMENT
Measuring the thread angle of internal conical thread. A. I. Khairov. Izm. tekh. no. 7:6-7 Jl '61.

SCREW THREADS, STANDARD
New system of allowances for metric screw threads with a diameter up to 1 mm. A. D. Nikiforov. Priboro-stroenie no. 6:26-28 Je '61.

SCREWDRIVERS
The PBK-3 suspended pneumatic screwdriver used in oil well drilling. V. A. Silin. Bezop. truda v prom. 5 no. 6:22-23 Je '61.

Using multi-spindle screwdrivers in assembling units of the SK-3 combine. I. S. Kamyshenko. Trakt. i sel'khozmash. 31 no. 7 41 Jl '61.

SCROLLS, DEAD SEA see Dead Sea scrolls

SCULPIN see subdivision under Bering Sea

SEA ICE
Use of ship radar equipment for determining the compactness of ice masses. I. Demin. Mor. flot 21 no. 2 12-14 Mr '61.
The "weight" of factors in a particular type of prognostic equations. N. P. Bulgakov. Trudy Inst. okean. 52: 166-170 '61

SEA OTTERS see subdivision under Murman Coast; Pacific Ocean

SEA SERPENT
Gigantic sea serpent. Igor' Akimushkin. Vokrug sveta no. 7, 56-59 Jl '61.

SEA URCHINS see subdivision under Pacific Ocean

SEABUCKTHORN
Seabuckthorn, a valuable shrub for the afforestation of gullies. K. L. Kholupiak. Biul. nauch.-tekh. inform. Ukr. NIILKhA no. 3/4:43-46 '57.

SEALING (TECHNOLOGY)
Hermetic sealing of safety (reducing) valves. B. M. Ryzhov. Vest. mash. 41 no. 7, 20-26 Jl '61.

SEALS (ANIMALS) see subdivision under Baikal, Lake; Caspian Sea; Greenland Sea; Pacific Ocean; Soviet Far East; White Sea

SEALS (ANIMALS)—PARASITES see Parasites—Seals (Animals)

SEAMEN
In memory of a comrade. Mor. flot 21 no. 3:48 Mr '61.
Review of ship's "red corners." Mor. flot 21 no. 3:48 Mr '61.

SEARCHLIGHTS
"Searchlight beam in the atmosphere; studies on atmospheric optics" by IU. S. Georgievskii and others. Reviewed by K. IA. Kondrat'ev. Izv. AN SSSR. Ser. geofiz. no. 7:1094-1096 Jl '61.

SEASIDE RESORTS see subdivision under Bulgaria

SEAWEED—THERAPEUTIC USE
Laminaria saccharina. M. S. Marshak. Zdorov'e 7 no. 7:30 Jl '61

SECHENOVO DISTRICT—CONSTRUCTION INDUSTRY
New clubs, schools, medical centers. Sel'. stroi. 16 no. 5:3 My '61.

SECONDARY ELECTRON EMISSION
Determining the paths of slow truely secondary electrons. I. M. Bronshtein, B. S. Fraiman. Fiz. tver. tela 3 no. 5: 1371-1372 My '61.
Emission of an oxide cathode bombarded by charged particles. I. A. Abroian, S. M. Movnin. Fiz. tver. tela 3 no. 2:567-574 F '61.

SECTS
(see also subdivision under Litin District; Orenburg Province)
Frank accounts ("Unchained prisoners of dark superstition." Reviewed by I. Zaslavs'kyi). Volov. ateist no. 2:62-63 F '61.
A knotty problem. V. Buslinskii. Agitator no. 7:49-51 Ap '61.
Varavka, V. V., and Meshavkin, S. F. [Truth about sectarians] Pravda o sektantakh. [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1960. 61 p.

SEDIMENTARY ROCKS see Rocks, Sedimentary

SEDIMENTATION ANALYSIS
Effect of the concentration of the dispersed phase on the overall dispersity characteristics of suspensions. N. A. Figurovskii, T. B. Gavrilova. Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no. 2:295-300 '60.

SEDIMENTATION AND DEPOSITION
(see also subdivision under Central Black Earth region)
Method of studying sedimentary formations in a stream channel. A. F. Kudriashov. Meteor. i gidrol. no. 7, 28-32 Jl '61.

SEDIMENTS (GEOLOGY)
(see also subdivision under Bashkiria; Donets Basin; Mugodzhar Mountain region; Tatar A.S.S.R.; Ural Mountains)
Study of the history of sediment accumulation based on the materials of geophysical exploration of boreholes. V. A. Dolitskii. Prikl. geofiz. no. 29:202-231 '61.

SEED PRODUCTION
Co-ordinated Conference on tree breeding and seed production. P. I. Voichal'. Izv. vys. ucheb. zav., les. zhur. 4 no. 2:165 '61.

Machines for planting sugar-beet roots. M. I. Nozhkin. Biul. tekh.-ekon. inform. no. 5 53-55 '61.
Seeding methods for perennial and annual grasses grown for seed production in irrigated regions. D. R. Kostyrko. Izv. AN Azerb. SSR Ser. biol. i med. nauk no. 2 45-48 '61

SEEDS
Amount of viable seeds in peaty meadow soils of L'vov Province [with summary in English]. T. K. Zelenchuk. Biul. MOIP. Otd. biol. 66 no. 3 77-82 My-Je '61.
Cytological study of embryos in neutron-irradiated wheat. O. N. Sorokina, I. D. Anikeeva. Tsitologiia 3 no. 3: 300-304 My-Je '61.

SEEDS—ANATOMY
Anatomical features of the seed coat structure on slowly germinating tree seeds. E. A. Shustova. Izv. vys. ucheb. zav., les. zhur. 4 no. 2:161-164 '61.

SEEDS—GERMINATION see Germination

SEEPAGE
Control of water losses in irrigation systems. S. A. Girshkan. Gidr. i mel. 13 no. 6 56-58 Je '61
Nichiporovich, A. A., V. S. Istomina, and V. I. Titova. [Instructions for planning the underground contour of hydraulic structures not on rock foundations, and subject to water pressure] Ukazaniia po proektirovaniiu podzemnogo kontura vodopodpornykh sooruzhenii na neskal'nykh osnovaniiakh. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 98 p. (Gidravlicheskie sooruzheniia)

SEGEZHA—HARDBOARD
Hardboards manufactured from sawmill waste by the Segezha Combine. V. A. Shmarov. Les. prom. 39 no. 5:22-24 My '61.

SEIGNETTOELECTRIC SUBSTANCES see Ferroelectric substances

SEIM RIVER—AMUSEMENTS
Camp on the Seim. Sov. kras. krest. 11 no. 3:18 My-Je '61.

SEISMIC PROSPECTING
Results of refraction shooting. D. P. Kasatkin. Razved. i okh. nedr 26 no. 2:33-38 F '60.
Some aspects of the use of the mean velocity method. E. A. Kozlov. Prikl. geofiz. no. 29:30-49 '61.
Theory of the grouping of explosions on seismic prospecting. I. I. Gurvich. Prikl. geofiz. no. 29:20-38 '61.
Three-component seismic observations in boreholes. Report No. 2. E. I. Gal'perin, A. V. Frolova. Izv. AN SSSR. Ser. geofiz. no. 7:979-993 Jl '61.
Ultrasonic impulses in the simulation of marine seismic reverberations. B. A. Ovipova. Uch. zap. AGU. Geol.-geog. ser. no. 5:35-46 '50.

SEISMIC WAVES
Dynamic characteristics of refracted and diffracted waves. O. I. Rogoza. Prikl. geofiz. no. 29 3-11 '61
SEISMOLOGY
(see also subdivision under Carpathian Mountain region; Caucasus)
Accelerating the construction of the boundaries of refraction waves with a circle method. Zh. Latypov. Izv. AN Kazakh SSR. Ser. geol. no. 1 100-103 '61.
Geomorphological bases for seismologic zoning of the Mongolian People's Republic. V. A. Aprodov. Vop. geog. no. 52:117-133 '61.

SEISMOLOGY—OBSERVATIONS see subdivision under Irkutsk region

SESIMOMETRY
(see also subdivision under Pacific Ocean)
Use of epicentral lines in case of unknown frequency profiles. S. S. Andreev. Izv. AN SSSR. Ser. geofiz. no. 7:966-978 Jl '61.

SELENGA VALLEY—STONE AGE
Paleolithic monuments in the lower reaches of the Selenga River. Z. A. Abramova. Arkheol. sbor. no. 1:28-32 '59.

SELENIUM
Coprecipitation of selenium and tellurium with metal hydroxides. V. I. Plotnikov. Zhur. neorg. khim. 5 no. 3:731-737 Mr '60.
Crystallochemistry of sulfides. Report No. 3: Sulfur, selenium, and tellurium of the AX_2 type. G. B. Bokii, IU. G. Zagal'skaia, E. A. Pobedimskaia. Vest. Mosk. un. Ser. 4 Geol. 16 no. 3 18-33 My-Je '61.
Electronographic study of phase formation in binary layers of Pb - S and Pb - Se. G. A. Efendiev, I. V. Ivanova. Dokl. AN Azerb. SSR 17 no. 4:279-281 '61.
Preparation of high-purity selenium from commercial selenium by chlorination in an atmosphere of hydrochloric acid. V. V. Safonov, P. S. Kindiakov. Izv. vys. ucheb. zav.; tsvet. met. 4 no. 2:88-91 '61.

SELENIUM (Continued)

Recovery of selenium and tellurium from certain industrial products by sublimation in vacuum. R. A. Isakova, V. N. Nesterov. Trudy Inst. met. i obogashch. AN Kazakh. SSR 3:124-133 '60.

Selenium content of sedimentary rocks in Tuva [with summary in English] E. Z. Bur'ianova Geokhimiia no 7 623-629 '61.

SELENIUM—ELECTRIC PROPERTIES

Eliminating the effect of nonphotoconducting layers in studying the photoconductivity of layers of amorphous selenium with mercury admixture. M. I. Korsunskii, N. S. Pastushuk, G. D. Mokhov. Fiz. tver. tela 3 no. 5: 1366-1370 My '61.

SELENIUM—THERMAL PROPERTIES

Effect of thallium on the heat conductivity of polycrystalline selenium G. B. Abdullaev, M. I. Aliev, S. A. Akhundova. Fiz. tver. tela 3 no. 2 326-327 F '61

SELENIUM COMPOUNDS—CONGRESSES

Problems in chemical phase analysis at the conference on the methods of analysis of selenium-containing products. B. S. Khristoforov. Zhur. anal. khim. 16 no. 3 382-383 My-Je '61.

SELETY VALLEY—GEOLOGY

History of the valley of the middle and lower Selety River (North Kazakhstan) O. G. Saltykov, Z. A. Svarichevskaia Izv. AN Kazakh. SSR Ser. geol. no. 1 51-60 '61

SELF-CONTROL

Influence of repeated exercises on the self-control of pupils in industrial training [with summary in English] N. I. Kuvshinov. Vop. psikhol. 7 no. 2: 17-22 Mr-Ap '61

Peculiarities in the formation of self-control during industrial training [with summary in English] L. B. Itel'son Vop. psikhol. 7 no. 2 5-16 Mr-Ap '61

SELF-DEFENSE (LAW)

Tishkevich, L. S. [Self-defense against criminal offenses] Zashchita ot prestupnykh posiagatel'stv. Moskva, Gos. izd-vo jurid. lit-ry, 1961. 88 p.

SELF-GOVERNMENT (IN EDUCATION)

Effective pedagogical means; student self-government in schools. Nar. obr. no. 7, insere Jl '61.

SEMASHKO, NIKOLAI ALEKSANDROVICH, 1874-1949

N. A. Semashko and congresses of public health departments. E. D. Gribanov. Zdravookhranenie 2 no. 4: 3-6 Jl-Ag '59.

SEMEN

Quality of semen and the breeding value of inbred bulls. V. P. Shostak. Visnyk sil'hosp. nauky 4 no. 5 114-117 My '61.

SEMICARBAZIDE

Complex compounds of mercury and silver with thiosemicarbazide. V. F. Toropova, L. S. Kirillova. Zhur. neorg. khim. 5 no. 3: 575-579 Mr '60.

SEMICONDUCTORS

Band structure of complex semiconductors. Determining the band structure of Si, Ge, and GaAs by the simplified method of orthogonal plane waves. F. M. Gashimzade, V. E. Khartsiev. Fiz. tver. tela 3 no. 5: 1453-1457 My '61.

Breakdown in nonpolar semiconductors. Kh. Frelikh. Fiz. tver. tela 3 no. 2: 670 F '61.

Device for investigating the galvanomagnetic effects with pressure applied from all sides. A. A. Averkin, V. N. [illegible]

Temperature dependence of tunnel current in p—n junctions B. M. Vul, A. P. Shotov, S. P. Grishechkina. Fiz. tver. tela 3 no. 2 667-670 F '61

Theory of the electrical conductivity of semiconductors in a magnetic field. Part I [with summary in English]. V. L. Gurevich, IU. A. Firsov. Zhur. eksp. i teor. fiz. 40 no. 1 199-213 Ja '61.

Third conference of institutions of higher education on modern dielectric and semiconductor equipment. IU. M. Volokobinskii. Izv. vys. ucheb. zav., prib. 4 no. 3: 141-144 '61

SEMICONDUCTORS—CONGRESSES

Soveshchanie po poluprovodnikovym materialam, 4th. [Transactions of the Fourth Conference on Semiconductor Materials. Problems of the metallurgy and physics of semiconductors] Voprosy metallurgii i fiziki poluprovodnikov; trudy. Moskva, Izd-vo Akad. nauk SSSR, 1961. 174 p.

SEMICONDUCTORS—CORROSION

UIT-3 installation for the corrosion of metals, semiconductors, and dielectrics by ion bombardment. G. V. Spivak, F. F. Kushnir, V. E. Urasova. Izv. AN SSSR. Ser. fiz. 25 no. 6: 707-712 Je '61.

SEMICONDUCTORS—ELECTRIC PROPERTIES

Determining the characteristic parameters of minority carriers in semiconductors from measurements of photoconductivity and of the photomagnetic effect. IU. I. Ravich. Fiz. tver. tela 3 no. 5: 1601-1611 My '61

SEMICONDUCTORS—MAGNETIC PROPERTIES

Determining the characteristic parameters of minority carriers in semiconductors from measurements of photoconductivity and of the photomagnetic effect. IU. I. Ravich. Fiz. tver. tela 3 no. 5: 1601-1611 My '61.

SEMICONDUCTORS, EFFECT OF RADIATION ON

Recombination of current carriers in n-type silicon subjected to γ-irradiation G. N. Gaikin. Fiz. tver. tela 3 no. 2: 630-631 F '61

SEMIOZERNOYE DISTRICT—BIRDS OF PREY

Abundance of predatory birds and its relation to rodents in the steppe zone of northern Kazakhstan L. A. Gibet Ornitologiia no. 3 278-291 '60

SENCHI VALLEY—BOTANY—ECOLOGY

Some features of vegetation of the Senchi swamp IU. A. L'vov Izv. Sib. otd. AN SSSR no. 4 113-115 '61

SENEGAL—TRADE UNIONS

The labor movement in Senegal Abddoulaye Thiew Vsem. prof. dvizh. no. 5 34-35, 42 My '61.

SENSE ORGANS—FISHES

Some structural characteristics of the seismosensory system in northern blennioids (Stichaeoidae, Blennioidei, Pisces). V. M. Makushok. Trudy Inst. okean. 43: 225-269 '61

SENSES AND SENSATION

Influence of exercise on the value of the spatial threshold of tactile differentiation [with summary in English]. L. A. Milerian, V. G. Tkachenko. Vop. psikhol. 7 no. 3 60-69 My-Je '61.

Interaction of sensations in binocular contrast [with summary in English]. A. I. Zotov. Vop. psikhol. 7 no. 2: 87-96 Mr-Ap '61.

Investigation of pathophysiological pruritis [with summary in French]. A. S. Dyshko Sbor. nauch. rab. po lepr. i derm. no. 13: 52-62 '59

Investigation of pruritis in lesions of the peripheral part of the skin analyzer in leprosy patients [with summary in French] A. S. Dyshko. Sbor. nauch. rab. po lepr. i derm. no. 13, 63-70 '59.

SEPARATORS (MACHINES)

Industrial experience in using 2VK-5V separators. N. V. Smirnov, V. V. Karmazin, V. I. Sukharev. Gor. zhur. no. 4, 43-44 Ap '60.

Self-discharging marine separators for the cleaning of heavy fuels [from foreign journals] R. M. Utkevich. Sudostroenie 27 no. 6: 69-73 Je '61.

Using separators in batching. Z. F. Karimov, V. I. Chernikin. Neft. khoz. 39 no. 4: 56-60 Ap '61.

SEPTICEMIA

Cutaneous form of anthrax and bacteremia [with summary in English] V. N. Nikiforov Zhur. mikrobiol. epid. i immun. 31 no. 8: 122-128 Ag '60.

Early diagnosis of postpartum (postabortal) septic diseases. S. B. Rafal'kes. Vop. okh. mat. i det. 6 no. 4: 67-69 Ap '61.

SEQUENCES (MATHEMATICS)

Relation between the collective concepts of Mises-Church and the normal sequence of signs according to Bernoulli [with summary in German]. L. P. Postnikova. Teor. veroiat. i ee prim. 6 no. 2: 232-234 '61.

Summation of a denumerable number of sequences. A. L. Brudno. Izv. AN SSSR, Ser. mat. 25 no. 3: 385-410 My-Je '61.

SEREDYSH ISLAND—FIELD MICE

Observations on the vole Microtus oeconomus on islands in the middle course of the Volga River. E. M. Snigirevskaia Trudy Zool. inst. 29: 137-155 '61.

SERFDOM

Centennial of the abolishment of serfdom. Vest. AN [illegible] 31 no. 6: 108-109 Je '61

SERGIEV, NIKOLAI GRIGOR'EVICH, 1901-1960

Nikolai Grigor'evich Sergiev, obituary Izv. AN Kazakh. SSR Ser. geol. no. 1: 110-112 '61

SERINE

Intramolecular rearrangement of o-cathobenzoxyphenylalanyl-N-(glycyl)-serine M. M. Botvinik, I. M. Kokharova. Zhur. ob. khim. 31 no. 6: 2078-2079 Je '61

SEROUS MEMBRANES—INNERVATION

Silver impregnation using N. I. Odnoralov's method in macro- and microscopic studies of the innervation of the serous membranes. I. N. Chertkova Arkh. anat. gist. i embr. 38 no. 2: 82-83 F '60

SEROV—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Marked by preparations for the party congress. A. Sokolov. Part. zhizn' no. 14: 45-47 Jl '61.

SEROV REGION (SVERDLOVSK PROVINCE)

Chromium in bean-conglomerate iron ores in the Serov deposit (Northern Urals) A. V. Vtorushin, N. A. Fgorova, N. F. Obotnin Izv. vys. ucheb. zav., geol. i razv. 4 no. 4: 79-85 Ap '61.

SERPENTS see subdivision under Armenia

SERPENTS—PARASITES see Parasites—Serpents

SERPUKHOV—SPINNING MACHINERY

New method of cleaning steel spinnerets K. M. Kiasheva, A. V. Lomako. Khim. volok. no. 3: 69 '61.

SERPUKHOV—TEACHING

Dropping out and repeating a year. G. Krymov. Nar. obr. no. 7: 33-35 Jl '61.

SERPUKHOV DISTRICT—RURAL LIBRARIES

Patriotic initiative. E. Barsukova. Bibliotekar' no. 6: 10-13 Je '61.

SERUM

Biochemical characteristics of blood serum during dyspepsia in newborn calves. V. K. Chernukha Visnyk sil'hosp. nauky 4 no. 5 120-121 My '61.

Determination of the amount of potassium and sodium in blood serum by flame photometry. IU. P. Vel'tishchev, N. M. Zlatkovskaia, M. G. Fel'dman. Lab. delo 7 no. 7 6-9 Jl '61

Effect of antithrombocytic serum on hematopoiesis in dogs [with summary in English]. A. M. Namiatyaheva. Pat. fiziol. i eksp. terap. 5 no. 1: 24-32 Ja-F '61.

Effect of hyperimmunization on the protein composition of sera in horses producing immune sera Report No. 1 [with summary in English] I. I. Raikher Zhur. mikrobiol. epid. i immun. 31 no. 8: 40-46 Ag '60

Electro- and immunophoretic study of antitoxic sera [with summary in English] N. P. Efimova and others Zhur. mikrobiol. epid. i immun. 32 no. 1: 77-81 Ja '61

Identification of the pathogens of botulism by means of luminescent sera [with summary in English] T. I. Bulatova, F. A. Kabanova Zhur. mikrobiol. epid. i immun. 31 no. 3: 18-22 Mr '60.

Lyophilic drying of sera specific for phytopathogenic viruses. B. G. Boiarskii. Dokl. TSKhA no. 50: 203-208 '59.

Method for determining potassium in blood serum. N. I. Lazarov. Lab. delo 7 no. 7: 20-22 Jl '61.

Method of obtaining and applying fluorescein isocyanate-labeled sera in microbiology [with summary in English] A. I. Glubokina and others. Zhur. mikrobiol. epid. i immun. 31 no. 3: 3-8 Mr '60

Production of a natural high-quality serum against diphtheria [with summary in English]. L. B. Balaian Zhur. mikrobiol. epid. i immun. 32 no. 4: 23-28 Ap '61

Result of the use of luminescent sera in the diagnosis of dysentery and coli enteritis [with summary in English] E. A. Kabanova and others Zhur. mikrobiol. epid. i immun. 31 no. 11: 30-35 N '60

Study of antitoxin losses in the purification and concentration of sera by the diapherm-3 method V. N. Miraskova and others. Zhur. mikrobiol. epid. i immun. 31 no. 8: 139-141 Ag '60.

Study of tetracyclines in human blood serum by means of electrophoresis [with summary in English] I. M. Iakobson, V. M. Grigor'eva Antibiotiki 5 no. 3: 60-63 My-Je '60.

Variations of the method of fluorescent sera [with summary in English]. I. F. Mikhailov, L. Ll. Zhur. mikrobiol. epid. i immun. 31 no. 3: 9-13 Mr '60

SERUM DIAGNOSIS

Agglomeration reaction of alizarin agglutinin suspensions as a method for a rapid identification of pathogenic microbes (a new serological reaction) Report No. 2 [with summary in English]. A. K. Adamov. Zhur. mikrobiol. epid. i immun. 32 no. 3: 84-91 Mr '61.

SERUM DIAGNOSIS (Continued)

Studies on copro- and hemocultures with the use of the agglomeration reaction of alizarin-agglutin suspensions Report No. 3 [with summary in English] A K Adamov Zhur mikrobiol epid. i immun 31 no 11,67-70 N '60

Use of an indirect fluorescent antibody method in species- and type-specific staining of certain pathogenic bacteria [with summary in English] I O Dashkevich and others Zhur mikrobiol epid. i immun 31 no. 11' 43-49 N '60.

SERUM THERAPY

Initial periods of serum therapy in Russia, on the Centennial of the birth of G N Gabrichevskii A I Metelkin. Zhur mikrobiol epid i immun 32 no. 1;144-148 Ja '61

Treating bronchial asthma in children with stimulin D. L. Il.Hordon. Ped., akush. i gin 23 no. 1·27-28 '61.

SERVICE INDUSTRIES see subdivision under Europe, Eastern

SERVOMECHANISMS

Automatic control of the transconductance of photoelectric servomechanisms. P. V. Nikolaev Shor rab. po vop. elektromekh. no 5.149-161 '61.

Continuous control system ensuring the operation of a telescope at a given program. Z. N. Mamedova Shor rab po vop. elektromekh. no. 5:176-188 '61.

Dynamics of an indirect control system containing a variable-speed servomotor taking into account coulomb friction in the slide valve and servomotor. R. A. Nelepin. Avtom. upr. i vych. tekh. no. 4:365-383 '61.

Methods for forming an extremum index of self-regulating systems. P. I. Chynaiev. Avtomatyka no 3:79-81 '01

Servomechanisms with spherical coordinate converters based on rotating transformers. V. P. Egorov. Shor. rab. po vop. elektromekh. no. 5:162-176 '61.

Servosystem with a two-phase asynchronous motor with the control winding fed by a current generator [with summary in English]. N P Vlasov Avtom i telem 22 no 5 624-629 My '61.

Study of a thyratron pulse convertor with a step-by-step motor [with summary in English]. V. M. Kolesnikov Avtom i telem 22 no. 5 630-640 My '61.

Use of a servomechanism with an electric contactor height finder V. M Levertov, D S. Mil'shtein Kuz. -shtam. proizv. 3 no 6:46-47 Je '61.

SESQUITERPENE

Ion-catalytic telomerization. Part 3: New method of separating primary allyl halo derivatives from a mixture of isomers, Geranyl chloride, Sesquiterpene chlorides. K V Leets, Zhur. ob. khim. 31 no. 6' 1869-1876 Je '61.

SEVAN, LAKE—FISH CULTURE

Present status and future development of fish culture in Lake Sevan. R. Dallakian. Prom. Arm. 4 no. 2:11-12 F '61.

SEVASTOPOL—RICKETTSIAL DISEASES

Eradication of Marseilles fever; some observations on Marseilles fever in Sevastopol [with summary in English] S M. Kulagin and others. Zhur. mikrobiol epid. i immun 31 no. 8, 117-120 Ag '60.

SEVENTH-DAY ADVENTISTS see subdivision under Kirovograd

SEVERIANKA (SUBMARINE BOAT)

The blue curtain parts; scientific voyages of the "Severianka" V. G. Azhazha Priroda 50 no. 7:81-87 Jl '61.

SEVERNAYA ZEMLYA—GEOLOGY, STRATIGRAPHIC

Mesozoic deposits on the islands of Severnaya Zemlya. V. D. Dibner, K. S. Ageev. Inform. biul. NIIGA no. 18: 9-18 '60.

SEVERO-ZADONSK—COAL MINES AND MINING

What was the subject of the discussion at the "Vtoraia Severnaia" Mine? N. Bychkova. Izobr. i rats. no. 6:29-30 Je '61.

SEVILLE—AGRICULTURAL CHEMISTRY—CONGRESSES

International Conference on the problems of nitrogen in agriculture. A. Peterburgskii. Vest sel'khoz. nauki 6 no. 6:143-150 Ja '61

SEVSK DISTRICT—VEGETABLE GARDENING

Sinkov, A. A. [Five hundred and twelve centners of vegetables per hectare] Piat'sot dvenadtsat' tsentnerov ovoshchei s gektara. Moskva, 1961. Izd-vo "Sovetskaia Rossiia," 1961. 24 p. (Reshenila ianvarskogo (1961 g.) Plenuma TsK KPSS - v zhizn'!) (DA)

SEWAGE

Determination of nitrocyclohexane in sewage. B.V. Volkov, L. A. Martynenko, G. A. Kochurova. Gig. i san. 26 no. 1: 62-63 Ja '61.

SEWAGE—PURIFICATION

Combined two-stage aeration structures Z. A. Orlovskii. Vod. i san tekh. no. 5·1-6 My '61

Nonionogenic disemulsifiers as a basis for the improvement of sewage from petroleum processing Z A Bernadiuk Vod. i san tekh no. 5 6-9 My '61

Purification of acid waters in the production of synthetic fatty acids L A. Alferova, I. F. Chistov Masl.-zhir prom. 27 no. 6·19-21 Je '61.

SEWAGE AS FERTILIZER

Residue from sewage purification is a valuable organic fertilizer A. A. Kukharenko Gor khoz Mosk. 35 no. 5 34-36 My '61.

SEWAGE IRRIGATION

Role of sewage and irrigation fields in the incidence of poliomyelitis, survey of the literature G A. Bagdasar'ian Zhur. mikrobiol epid. i immun. 32 no 2. 84-87 F '61.

Use of sewage from enterprises of the food industry in the irrigation of farm. lands A. M. Konlushkov Vod i san tekh no. 6·38-40 Je '61.

SEWAGE SLUDGE

Makovlev, S. V., and Iu. M. Laskov. [Pumping of sewage sludge and sediments; hydraulic resistances during the flow of sediments in sludge pipes] Perekachka ila i osadkov stochnykh vod; gidravlicheskie soprotivlenila pri dvizhenii osadkov v iloprovodakh. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 105 p.

SEWERAGE

Divided-flow sewage pumping station V. S. Nadysev Vod i san tekh no 5 11-13 My '61.

SEX ORGANS see Generative organs

SHAFT SINKING
(see also subdivision under Germany, East, Krivoy Rog Basin)

Calculation of the optimal parameters of support belts in shaft lining systems by reinforced concrete tubbing without cribs. D I. Vitlik. Shakht. stroi. 5 no 6 8-12 Je '61.

Chizhikov, N. I. [New ShASh-1 sluice for shaft sinking with compressed air] Novyi shliuzovoi apparat ShASh-1 dlia prokhodki shakhtnykh stvolov pod szhatym vozdukhom. Moskva, TSentr. biuro tekhn. informatsii, 1959. 29 p.

New methods of raise driving V. P. Urvantsev. Trudy Gor.-geol. inst UFAN SSSR no. 54 65-69 '60

Reducing the time needed for lining vertical shafts. K. F. Epifantsev, L. A. Surovtsev, IA. G. Rafal'. Shakht stroi. 5 no. 6·12-15 Je '61.

SHALYGA ISLAND—FIELD MICE

Observations on the vole Microtus oeconomus on islands in the middle course of the Volga River. E. M. Snigirevskaia. Trudy Zool. inst. 29 137-155 '61.

SHAPORIN, IURII ALEKSANDROVICH, 1889-

Romezov, I. I. [Cantatas and oratorios by Shaporin] Kantaty i oratorii Shaporina. Moskva, Gos. muzykal'noe izd-vo, 1960. 63 p. (Biblioteka slushatelia kontsertov)

SHARDAKOV, MIKHAIL NIKOLAEVICH, 1895-1961

To the good memory of M. N Shardakov. Vop. paikhol. 7 no. 2·100 Mr-Ap '61.

SHEEP see subdivision under Chernigov Province; Kirghizistan; Virgin Territory

SHEEP—ANATOMY

Characteristics of postnatal growth of the gastrointestinal tract in the Soviet Merino, Daghestan mountain sheep, and Gissar sheep L. V. Davletova. Trudy Inst. morf. zhiv. no 35·158-169 '61.

Characteristics of the development of hair follicles in Vyatka sheep after birth. I. M. Botbaev. Trudy Inst. morf. zhiv. no 35 146-157 '61.

Comparative characteristics of the histogenesis of gastric and intestinal walls in fetuses of Soviet Merino and Gissar sheep L. V. Davletova. Trudy Inst. morf. zhiv. no 35,258-269 '61.

Individual differences in the development of wool fibers in fine-wool sheep. N. A. Dlomidova Trudy Inst. morf. zhiv. no 35,110-127 '61.

Longitudinal growth of the skeleton in Gissar sheep in comparison to skeletal growth in the Soviet Merino during the intrauterine development. N. N. Trot'iskov. Trudy Inst. morf. zhiv. no. 35:215-257 '61.

Postnatal development and growth of the skin in some fine-wool and medium-wool sheep. E. P. Panfilova. Trudy Inst morf. zhiv no. 35: 58-94 '61.

Weight growth of the skeleton, muscles, and internal organs during the postnatal ontogenesis of the Soviet Merino and other sheep breeds. S. N. Bogoliubskii. Trudy Inst. morf. zhiv. no. 35:7-57 '61.

SHEEP—DISEASES AND PESTS

Anaphylaxis in sheep and its prevention. IE. I. Skrypnyk. Visnyk sil'hosp. nauky 4 no. 7 85-89 Jl '61.

Ridding sheep of principal helminth diseases. F. O. Shtun'. Visnyk sil'hosp nauky 4 no. 7·90-92 Jl '61.

Role of ixodid ticks in the epizootiology of necrobacillosis. A. A. Volkova, A. F. Timofeeva, R. V. Grebeniuk. Izv. AN Kir. SSR Ser. biol. nauk 2 no. 7·25-30 '60.

SHEEP—PHYSIOLOGY

Copper, cobalt, and nickel metabolism in sheep. R. N. Odynets, M U Mambetov Izv AN Kir SSR Ser. biol nauk 2 no 5·17-52 '60.

Effect of chalk and sodium bicarbonate on strontium deposition in the organs and tissues of sheep R N. Odynets and others Izv AN Kir SSR. Ser biol. nauk 2 no 5 53-67 '60.

Effect of strontium on cobalt, copper, calcium, phosphorus, and chlorine metabolism in sheep E P Ilibezova, R N Odynets Izv AN Kir. SSR. Ser biol nauk 2 no 5 29-39 '60

Nitrogen and carbon metabolism in sheep in case of a high strontium level in the food ration R. N. Odynets, F P Ilibezova, V. S Perelygina Izv AN kir SSR Ser. biol nauk 2 no 5 41-45 '60

Physiological characteristics of postnatal development in Soviet and French Merino sheep. P. A. Korzhuev, I S. Nikol'skaia, L I. Radzinskaia. Trudy Inst. morf. zhiv no. 35-208-214 '61.

SHEEP BREEDING
(see also subdivision under Daghestan)

How the early use of the sires of Askaniya sheep affects their growth, development, and wool production D H. Stepanov, N. A Karpova. Visnyk sil'hosp. nauky 4 no. 7.78-80 Jl '61.

SHEEP BREEDS see subdivision under Azerbaijan

SHEEPSHEARING
(see also subdivision under Tsiurupinsk District)

New machinery for shearing stations. G. Stetsenko. Tekh. v sel'khoz. 21 no. 6·29-32 Je '61.

SHEET METAL—WELDING

Design of elements of industrial equipment for welding thin sheet sections. IU. D. Gamzaev. Svar. proizv. no. 6;18-19 Je '61.

SHEET-METAL WORK

Automatic lines for die stamping. S. L. Zlotnikov Kuz.-shtam. proizv 3 no 6 23-32 Je '61.

Device for the automatic feed of strip metal into press dies. A. A. Mukhanov. Kuz.-shtam proizv. 3 no. 7.26-28 Jl '61.

Die-stamped dividers for roller guides. E. M. Gil'dinson, A. M. Grunlov. Kuz.-shtam. proizv. 3 no. 3:38-39 Mr '61.

"Dies for sheet-metal work" by V. I. Kukhtarov, O. V. Kukhtarov. Reviewed by G. N. Rovinskii, V. D. Golovlev. Kuz.-shtam. proizv. 3 no. 3 45-46 Mr '61.

Stamping of sections. A. Kochergin. IUn. tekh. 6 no. 3:39 Mr '61.

Technology of die stamping large-size parts. L A Shofman. Kuz.-shtam. proizv. 3 no. 6 1-4 Je '61

Two works of P. D. Chudakov. S. B. Bakulin. Kuz.-shtam. proizv. 3 no. 7 46-48 Jl '61.

Universal block for rapid-change dies. V. M. Kolosov. Kuz.-shtam. proizv. 3 no. 3:39-41 Mr '61.

SHEET-METAL WORK—BIBLIOGRAPHY see Bibliography—Sheet-metal work

SHEET-METAL WORK—EQUIPMENT AND SUPPLIES

"Press equipment for sheet-metal working shops" by G. N. Rovinskii. Reviewed by V. P. Romanovskii. Vest. mash. 41 no. 6:03 Je '61.

SHEET-METAL WORK—TECHNOLOGICAL INNOVATIONS

Baranovskii, M. S. [Mechanization and automation of sheet-metal work] Mekhanizatsiia i avtomatizatsiia shtampovochnogo proizvodstva. Minsk, Gos. izd-vo BSSR Red. nauchno-tekhn. lit-ry, 1960. 233 p.

SHEET-METAL WORKING MACHINERY

Ivanov, A. P., and V. D. Lisitsyn, eds. [Modernization of forging and die-stamping equipment] Modernizatsiia kuznechno-shtampovochnogo oborudovaniia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 226 p.

Sheremet, V. A., V. N. Smirnov, and P. M. Pavlovich. [Mechanisms, devices and auxiliary equipment for forging and die-stamping processes; an album] Mekhanizmy, prisposobleniia i sredstva mekhanizatsii kuznechno-pressovogo proizvodstva; al'bom. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 93 p.

SHEET PILING

Large reinforced concrete sheet pile. V. P. Kadekin, A. N. Petrov. Transp. stroi. 11 no. 5:20-22 My '61.

SHEET STEEL

Certain factors determining the capacity of sheet steel to be deep-drawn. P. G. Kovtun, O. A. Rozhkov. Kuz.-shtam. proizv. 3 no. 6 7-13 Je '61.

SHEET STEEL—DEFECTS

Reasons of blister formation on cold-rolled 08kp steel sheets [with summary in English]. F. A. Ksenzuk, N. A. Troshchenkov. Stal' 21 no. 3·274-276 Mr '61.

SHEET STEEL—HEAT TREATMENT

Compensation of cushioning by irregular local heating. I. A. Chechetin, V. P. Martynov, Kuz.-shtam. proizv. 3 no. 7:36-37 Jl '61.

SHEET STEEL—WELDING

Stability against intercrystalline corrosion of welds in thin-sheet stainless steel made in an atmosphere of carbon dioxide. V. A. Savchenkov, V. I. Trubilko. Svar. proizv. no. 6:28-30 Je '61.

SHELL MOLDING (FOUNDING)

Making accurate castings of high-alloy metals in shell molds. I. N. Ukolov. Lit. proizv. no. 3:9-10 Mr '61.

Using lignin powder bakelite in shell molding. A. A. Sokolova and others. Izv. vys. ucheb. zav., les. zhur. 4 no. 2:138-146 '61.

SHELL ROOFS see Roofs, Shell

SHELLAC

"Experiment in producing natural shellac in the U. S. S. R." by N. I. Shaparov, A. I. Prokopenko; book review. Priroda 50 no. 7:72 Jl '61.

SHEMAKHA DISTRICT—CORN (MAIZE)

Effect of trace elements on corn yield under dry farming conditions in Shemakha District. B. Z. Guseinov, G. A. Rzaev. Dokl. AN Azerb. SSR 17 no. 5:419-422 '61.

SHEMAKHA DISTRICT—EROSION

Effect of the direction of plowing slopes on the erosion of soils and yields of farm crops. K. S. Ragimov. Izv. AN Azerb. SSR Ser. biol. i med. nauk no. 1:139-144 '61.

SHERUBAY-NURA VALLEY—WATER, UNDERGROUND

Conditions of formation and the cycle of underground waters in the upper part of the Sherubay-Nura Basin. S. Zhaparkhanov. Izv. AN Kazakh SSR, Ser. geol. no. 1 61-67 '61.

SHEVCHENKO, TARAS, 1814-1861

Centennial of the death of T. G. Shevchenko. Vest. AN SSSR 31 no. 3:106-108 Je '61.

In the great family of nations, interviews and information notes. Voiov. steist no. 3 20-21 Mr '61.

Onufriichuk, Fedir, [Flora in Shevchenko's poetry] Svit roslyn u tvorakh T. Shevchenka. Peredmova IU. Mulyka-Lutsyka. Yorkton, Nakl. avtora, 1961. 52 p.

Our bard's words will live forever. P. Dovhaliuk. Voiov steist no. 3 13-19 Mr '61.

Shutrava'kyi, V. E. [The dramaturgy of T. H. Shevchenka] Dramaturgiia T. H. Shevchenka. Vyd. 2., dop. i vypr. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1961. 116 p.

SHEVCHENKO, TARAS, 1814-1861—DRAMA

[And me in a great family...; works by Soviet Ukrainian dramatists devoted to the life and work of T. N. Shevchenko] I mene v sem'i velykii...; tvory ukrains'kykh radians'kykh dramaturgiv, prysviachani zhyttiu i diiatel'nosti T. H. Shevchenka. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1961. 560 p.

SHEVCHENKO, TARAS, 1814-1861—HOMES AND HAUNTS

Places associated with Shevchenko. D. Krasyts'kyi. Voiov. steist. no. 3 22-23 Mr '61.

SHIELDING (ELECTRICITY)

Combination method for measuring the shielding of underground and overhead communication networks. V. O. Shvartsman. Vest. sviazi 21 no. 4:12-13 Ap '61.

Principle of duality and electric models of magnetic shields. G. IA. Murav'eva, V. N. Rudakov. Izv. vys. ucheb. zav.; energ. 4 no. 5 32-39 My '61.

"Shielding of equipment and communication lines" by I. I. Grodnev and K. IA. Seregichuk, reviewed by V. O. Shvartsman. Elektrosviaz' 15 no. 6:71 Je '61.

SHIELDING (RADIATION)

Radiation shielding in open-hearth furnace processes. B. M. Zlobinskii, N. S. Nemtsov. Bezop. truda v prom. 5 no. 7:7-8 Jl '61.

SHIGELLA

Antigenic relationships in Shigella and Salmonella. Report No. 1: Antigenic relationships in Shigella and Salmonella according to data on the precipitation reaction with antigens exposed to sound [with summary in English]. I. F. Pers. Zhur. mikrobiol. epid. i immun. 31 no. 11:111-117 N '60.

Antigenic relationships in Shigella and Salmonella. Report No. 2. On the nature of antigenic relationships in Shigella and Salmonella [with summary in English]. I. F. Pers. Zhur. mikrobiol. epid. i immun. 32 no. 3:102-107 Mr '61.

Drug resistance of local strains of dysentery bacteria; abstract. S. A. Shal'man. Zhur. mikrobiol. epid. i immun. 32 no. 3:142 Mr '61.

Effect of cortisone on the therapeutic effects of levomycetin in acute experimental infections [with summary in English]. V. A. Liashenko. Antibiotiki 5 no. 3:41-44 My-Je '60.

Fate of I^{131}-labeled antigens of dysenterial bacilli after oral administration in animals [with summary in English]. V. V. Grechko, T. S. Sedova. Zhur. mikrobiol. epid. i immun. 31 no. 11:117-122 N '60.

"Organization and methodology of mass bacteriological examinations to detect dysentery pathogens" by I. A. Siroko. Reviewed by P. I. Matveev. Zhur. mikrobiol. epid. i immun. 32 no. 3:146-148 Mr '61.

Production of a highly active Grigor'ev-Shiga toxin and its investigation by means of an electrophoretic method [with summary in English]. E. A. El'chinova. Zhur. mikrobiol. epid. i immun. 32 no. 2:16-20 F '61.

Result of a study on synthomycin sensitivity in dysenterial microbes, isolated in Blagoveshchensk, and some clinical problems in dysentery. N. N. Ostrovskii. Zhur. mikrobiol. epid. i immun. 32 no. 2:125-127 F '61.

SHIGELLA DYSENTERIAE

Study of the antigenic composition of Grigor'ev-Shiga microbes in diffusion gel precipitation experiments [with summary in English]. E. A. El'chinova. Zhur. mikrobiol. epid. i immun. 32 no. 3:110-115 Mr '61.

SHIGELLA PARADYSENTERIAE

Biological properties of causative agents isolated in various clinical forms of dysentery. N. A. IAkhnina and others. Zhur. mikrobiol. epid. i immun. 31 no. 3 126 Mr '60.

Comparison of standard Russian and foreign Flexner's cultures (with summary in English). L. D. Grinberg. Zhur. mikrobiol. epid. i immun. 32 no. 2:6-11 F '61.

Cultivation of Flexner bacilli in chick embryos [with summary in English]. E. A. El'chinova. Zhur. mikrobiol. epid. i immun. 31 no. 3:119-122 Mr '60.

Effect of small doses of ultraviolet rays on the variability of Flexner's bacilli [with summary in English]. Z. G. Pershina, I. G. Vasil'eva. Zhur. mikrobiol. epid. i immun. 31 no. 11:99-103 N '60.

Experience in the isolation and study of the allergenic principle of dysentery bacteria [with summary in English]. D. A. TSuverkalov. Zhur. mikrobiol. epid. i immun. 32 no. 1:85-89 Ja '61.

Methodical instructions for the use of the titer phage rise for detecting dysentery and typhoid bacteria [with summary in English]. D. M. Gol'dfarb, V. N. Kuznetsova, Z. S. Ostrovskaia. Zhur. mikrobiol. epid. i immun. 31 no. 3:36-40 Mr '60.

Morphology and some biochemical properties of the L-form of dysentery bacteria. M. K. Kalumova. Zdrav. Tadzh. 8 no. 3:42-43 My-Je '61.

Prolonged preservation of immunogenic properties of dysenterial bacteria dried by various methods [with summary in English]. T. S. Sil'chenko. Zhur. mikrobiol. mikrobiol. epid. i immun. 32 no. 2:25-27 F '61.

Semicontinuous method in the production of Flexner's bacteriophage [with summary in English]. L. B. Borisov. Zhur. mikrobiol. epid. i immun. 32 no. 2:40-44 F '61.

Study of the morphology of dysentery bacteria in the electron microscope, on the cilia of microbial cells [with summary in English]. Z. G. Pershina, I. G. Vasil'eva. Zhur. mikrobiol. epid. i immun. 31 no. 3:14-17 Mr '60.

Thiamine-destroying factors in tuberculous and dysenterial bacteria [with summary in English]. D. S. Zaprudskaia. Zhur. mikrobiol. epid. i immun. 32 no. 2:44-48 F '61.

Use of radioactive sulfur for obtaining labeled bacteria [with summary in English]. T. S. Sedova, V. V. Grechko. Zhur. mikrobiol. epid. i immun. 31 no. 3:31-35 Mr '60.

SHILOV, PETR IOSIFOVICH, 1890-

Honorary rank. Izv. vys. ucheb. zav.; geod. i aerof. no. 2:154 '61.

SHINBONE see Tibia

SHINOVNIKOV, IVAN FEDOROVICH, 1895-1961

I. F. Shinovnikov. Ekon. Stroi. no. 5:72 My '61.

SHIP HANDLING

Constant improvement of ship handling know-how. A. Nikolin. Rech. transp. 20 no. 6:2-4 Je '61.

SHIP HANDLING—BIBLIOGRAPHY see Bibliography—Ship handling

SHIP MODELS

Pupils of a naval club. I. Eretichenko. Voen. znan. 37 no. 7:29-30 Jl '61.

SHIP MODELS—TESTING see subdivision under Great Britain

SHIP PROPULSION

Engine performance in a water-jet propelled unit in shallow waters. V. I. Nebesnov, G. I. Zuev. Sudostroenie 27 no. 5:14-18 My '61.

Graphs for an approximate determination of elements and of the propulsive speed of single-screw tankers. V. M. Veksler. Sudostroenie 27 no. 6:10-17 Je '61.

SHIP PROPULSION, ELECTRIC

Characteristics of the work of electric propulsion systems on ice-breaking vessels with propellers hitting the ice and being wedged in it. Sudostroenie 27 no. 5:30-33 My '61.

Installation of shaft generators on ships. V. N. Shprintsin. Sudostroenie 27 no. 6:39-42 Je '61.

SHIPBUILDING

(see also subdivision under Estonia; Finland; Germany, East; Japan; Netherlands)

Activity of the Scientific Technological Society of Shipbuilding. V. D. Matskevich. Sudostroenie 27 no. 5:71-72 My '61.

Results of the competition of the Moscow Province Administration of the Scientific Technological Society of Shipbuilding. Sudostroenie 27 no. 5:83 Je '61.

The technology of shipbuilding should be tied in with the technology of ship repairs. M. Morozov, L. Sokolov. Mor. flot 21 no. 6:25-26 Je '61.

Ukolov, D. P. [Hoisting operations in shipbuilding] Gruzopod"emnye raboty pri postroike sudov. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1960. 90 p.

Use of epoxy resins. G. B. Rozenbaum. Sudostroenie 27 no. 5:45-49 My '61.

Vasil'ev, A. L. [Cargo hatch covers on ships] Zakrytiia sudovykh gruzovykh liukov. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 137 p.

SHIPBUILDING—BIBLIOGRAPHY see Bibliography—Shipbuilding

SHIPBUILDING—COMPETITIONS

Conditions of the annual competition of the Scientific Technological Society of Shipbuilding on the introduction of advanced machinery, progressive techniques and industrial organization. Sudostroenie 27 no. 5:75 My '61.

SHIPBUILDING—PERIODICALS

At the meetings with the journal's readers. L. M. Vidutskii. Sudostroenie 27 no. 6:82 Je '61.

SHIPFITTING

Belianev, G. S. [Mechanization of fitting and assembling operations in marine engineering] Mekhanizatsiia slesarno-sborochnykh i montazhnykh rabot v sudovom mashinostroenii. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 267 p.

SHIPFITTING—EQUIPMENT AND SUPPLIES

Movable machine for the fitting of valves. A. I. Sitnin. Mor. flot 21 no. 6:31 Je '61.

SHIPPING

Marine transportation during the third year of the seven-year plan. S. Baev. Mor. flot 21 no. 1:1-3 Ja '61.

Shipping in capitalist countries and the 1960 freight market. M. Burmistrov. Mor. flot 21 no. 6:38-40 Je '61.

SHIPS

(see also subdivision under Denmark; Germany, West; Great Britain)

Chronicle from foreign countries. Mor. flot 21 no. 1:45 Ja '61.

Determining an optimum program for building a fleet. V. Savin. Rech. transp. 20 no. 6:20-21 Je '61.

SHIPS—AIR CONDITIONING

Results of testing water coolers made of round tubes with square ribs. N. N. Kasalainen. Sudostroenie 27 no. 5:23-26 My '61.

SHIPS—CARGO

Adopt a larger scale packaged freight transportation program. Mor. flot 21 no. 3:47-48 Mr '61.

Buoy the unloading of high-tonnage tankers in the road stead. Mor. flot 21 no. 2:45 F '61.

Transshipment operation in the open sea. S. Il'ichev. Mor. flot 21 no. 3:6-8 Mr '61.

SHIPS—CORROSION

Epoxy coatings for the protection of structural ship elements against corrosion. V. A. Bernhtein, I. A. El'-T. A. Kolenkina. Sudostroenie 27 no. 6:41-45 My '61.

SHIPS—EQUIPMENT AND SUPPLIES

Calculation for strength of the rolling lashings for deck cargo. L. Magner. Mor. flot 21 no. 1:6-8 Ja '61.

Dubrov, M. M., and F. IA. Zharkov. [Auxiliary mechanisms of river ships; an atlas] Vspomogatel'nye mekhanizmy rechnykh sudov; atlas. Leningrad, Izd-vo Min-va morskogo i rechnogo flota SSSR, 1953. 202 p.

Electric cranes on ships of the "Ugleural'sk" type. N. Taranchuk. Mor. flot 21 no. 1:30-33 Ja '61.

Flexible drinking water containers for the deck. B. Druz, V. Maguta, M. Novosolov. Mor. flot 21 no. 1:39 Ja '61.

SHIPS—LAUNCHING

Data on merchant ships launched in foreign countries in 1960 [from Lloyd's Register, February 1961] Sudostroenie 27 no. 5:67-70 My '61.

SHIPS—MAINTENANCE AND REPAIR

(see also subdivision under Black Sea; United States)

Adopting ship structure made of aluminum-magnesium alloys. K. Khatskin, V. Vasil'ev. Mor. flot 21 no. 6 29-30 Je '61.

Ben'kovskii, D. D., and others. [Technology of ship repairs] Tekhnologiia sudoremonta. Pod obshchel red. D. D. Ben'kovskogo. Moskva, Izd-vo "Morskoi transport," 1961. 559 p.

Experience of the Black Sea Ship Line in the use of epoxy resins. S. Nunuparov, L. Likver. Mor. flot 21 no. 2:28-30 F '61.

SHIPS -- MAINTENANCE AND REPAIR (Continued)
Follow-up of V. Gribovskii's article entitled: "Use of epoxy resins for reconditioning cylinder blocks and bushings." Mor. flot 21 no. 6, 47 Je '61
For a wide exchange of practices. Mor. flot 21 no. 1:48 Ja '61.
Forehearth with gas outlet tube as means of increasing the heating of cast iron in cupolas operating on a cold blow. A. Korobtsov. Mor. flot 21 no 6:26-29 Je '61.
Improve the organization of ship repairing. V. Popov. Mor. flot 21 no. 3:27-28 Mr '61.
Novokreshchenov, A. A., and F. F. Rennengardt. [Maintenance of hulls of ships engaged in inland navigation] Ukhod za korpusami sudov vnutrennogo plavaniia. Pod red. IU. V. Gorinskogo. Leningrad, Izd-vo "Rechnoi transport," Leningr. otd-nie, 1961. 127 p.
Semiautomatic open-arc welding. A. Nemtsev. Mor. flot 21 no. 3:28-29 Mr '61.
Seminar of the chief mechanics of ship repairing yards. Mor. flot 21 no. 2:48, 3 of cover. F '61.
Simultaneous docking of two ships in a floating dock in winter. R. R. Vel'sman, IU A. Petrov Sudostroenie 27 no 6:55-56 Je '61.
The technology of shipbuilding should be tied in with the technology of ship repairs. M. Morozov, L. Sokolov Mor. flot 21 no. 6:25-26 Je '61.
Use of glass-reinforced plastics for the repair of cracks in metal structures [from "Shipbuilding and Shipping Record no. 19, 1960]. Sudostroenie 27 no. 5:67 My '61.
Using caisson semidocks to expose the underwater part of SRT type boats. E. L. Mar'iasin, G. N. Finkel'. Ryb. khoz. 37 no. 4:48-53 '61.
Ways of increasing the effectiveness of the over-all mechanization and automatization of ship repairing. L. Korobtsov, A. Risovich. Mor. flot 21 no. 1:35-38 Ja '61.

SHIPS--PAINTING
Mechanization of ship painting. Rech. transp. 20 no. 6: 47 Je '61.

SHIPS--TESTING
Out of town session of the navigability section. Sudostroenie 27 no. 5:74 My '61.

SHIPS--WELDING
Activity of the Scientific Technological Society of Shipbuilding. V. D. Matskevich. Sudostroenie 27 no. 5:71-72 My '61

SHIPS, WOODEN
Terent'ev, G. B. [Seagoing wooden vessels] Morskie derevianye suda. Pod red. N. K. Dormidontova. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 244 p.

SHIRVAN--RIVERS
Density of the river network and its geographical distribution in the Shirvan area [in Azerbaijani with summary in Russian]. R. Kh. Piriev. Uch. zap. AGU, Geol.-geog. ser. no. 5:59-66 '59.

SHIRVAN STEPPE see Kura Lowland

SHOCK
Case of anaphylactic shock with fatal outcome following a single dose of penicillin. M. I. Kseandzovskii, M. E. Salant. Antibiotiki 5 no 3:105-106 My-Je '60.
Features of the development of traumatic shock in animals receiving prophylactic pituitary gland adrenocorticotropic hormone [with summary in English]. V. K. Kulagin. Pat. fiziol. i eksp. terap. 5 no. 3:49-54 My-Je '61.
Potentiated anesthesia and hypothermia in the treatment of traumatic shock. I. Sh. Blumin, I. T. Vilenskii. Eksper. khir. 4 no. 6:46-48 N-D '59.
Treatment of severe traumatic shock [with summary in English]. T. N. Astakhova, I. V. Il'inskaia. Pat. fiziol., eksp. terap. 5 no. 3:46-49 My-Je '61.

SHOCK WAVES
Asymptotic motion of shock waves, in which one triangularly-profiled pressure wave catches up with another. M. A. TSikulin. PMTF no. 2:132-134 Jl-Ag '60.
Compression of a spherical gas cavity by a shock wave in water. V. K. Kedrinskii, R. I. Soloukhin. PMTF no. 1:27-29 Ja-F '61.
Eliminating distortions occurring in the recording of shock waves in water. I. B. Sinani. PMTF no. 2:128-131 Jl-Ag '60.
Interaction of a shock wave in water with a free surface. B. D. Khristoforov. PMTF no. 1:30-37 Ja-F '61.
Investigation of nonequilibrium phenomena behind the shock wave front in air. Dissociation of oxygen. N. A. Generalov, S. A. Losev. PMTF no. 2:64-73 Jl-Ag '60.
Irregular reflection of a plane shock wave from a free surface in water. O. A. Berezin, A. A. Grib. PMTF no. 2:34-39 Jl-Ag '60.
Method of integral relations for calculating flows of gas with strong shock waves. G. G. Chernyi. Prikl. mat. i mekh. 25 no. 1:101-107 Ja-F '61.
One-dimensional movements of gas accompanied by shock waves located in a magnetic field. V. P. Korobeinikov. PMTF no. 2:47-53 Jl-Ag '60.
Origin of air shock waves in underwater explosions. M. A. TSikulin. PMTF no. 1:110-112 Ja-F '61.
Parameters of the shock wave and gas bubble in underwater explosions of low-weight tetraethylamine nitrate charges. B. D. Khristoforov. PMTF no. 2:124-127 Jl-Ag '60.
Reactive and kinetic nature of nonuniformities in a shock wave front and their role in the propagation of a gas detonation. B. P. Volin and others. PMTF no. 2:78-80 Jl-Ag '60.
Shock waves in the ground and liquefaction of water-saturated sand. G. M. Liakhov. PMTF no. 1:38-46 Ja-F '61.
Structure of an inclined magnetohydrodynamic shock wave. A. G. Kulikovskii, G. A. Liubimov. Prikl. mat. i mekh. 25 no. 1:125-131 Ja-F '61.
Use of shock waves for studying the ignition of gas. R. I. Soloukhin. PMTF no. 2:90-92 Jl-Ag '60.

SHOE INDUSTRY see subdivision under Kiev

SHOE MACHINERY
The PKD semiautomatic machine for assembling bootees. D. L. Lak'ianov. Biul. tekh.-ekon. inform. no. 6:54-56 '61

SHOE MANUFACTURE
Centralized cutting of stiff leather for sole components. D. Z. Fleiman, I. S. Morozov. Kozh.-obuv. prom. 3 no. 3:12-13 Mr '61.
Production of Russian leather and of footwear manufactured with the hot vulcanization method. M. L. Berbaremdiker and others Kozh.-obuv. prom. 3 no. 3: 17-20 Mr '61.

SHOE MANUFACTURE--TECHNOLOGICAL INNOVATIONS
In the Committee on Inventions and Discoveries of the Council of Ministers of the U. S. S. R. E. Gonchar. Kozh.-obuv. prom. 3 no. 3:40 Mr '61

SHOE MANUFACTURE--TESTING
Testing the moisture resistance of materials for shoe uppers in the leather-lining system. M. S. Rudenko, A. A. Avilov. Kozh.-obuv. prom. 3 no. 3:23-26 Mr '61.

SHOKAL'SKAIA, ZINAIDA IUL'EVNA, 1882-1961
Zinaida IUl'evna Shokal'skaia; obituary. Pochvovedenie no. 6:112-113 Je '61.

SHOOTING
(see also subdivision under Chelyabinsk)
Exposition and demonstration. I. Rabinovich. Voen. znanie. 37 no. 7:32 Jl '61.
Medical and pedagogical observations of riflemen in training and in competion. N. A. Kalinichenko, T. A. Trefilova. Teor. i prak. fiz. kul't. 23 no. 10:756-757 '60.
My first teacher. O. Zhgutov. Voen. znan. 37 no. 6:33 Je '61.

SHOOTING CONTESTS--JUDGING
Judge's card. A. Vasil'ev. Voen. znan. 37 no. 6:34 Je '61.

SHORE BIRDS
Mechanism of the lower jaw in Charadriiformes, Procellariiformes, and some other birds. K. A. IUdin. Trudy Zool. inst. 29, 267-302 '61.
Trend of the evolutionary process in shore birds of the family Charadriidae according to studies on the skull structure. E. V. Kozlova. Trudy Zool. inst. 29:183-212 '61.

SHORE LINES see subdivision under Mingechaur Reservoir

SHORE PROTECTION
Armored cement blankets for shore consolidation. G. A. Kukolevskii. Les. prom. 39 no 5:20-21 My '61.
Shore stabilization with dike dams. N. Rudol. Mor. flot 21 no. 3:32-34 Mr '61.
Sinking large hollow shore protection units in running water. N. I. Gaganov and others. Gidr. stroi. 31 no. 5: 30-31 My '61.

SHORING AND UNDERPINNING
(see also subdivision under Donets Basin)
Partitions are set up a new way. Stroi. i arkhit. 9 no. 4: 29 Ap '61.

SHORTHAND, KIRGHIZ
Karasaeva, Aisha. [Kirghiz shorthand] Kyrgyz tilinin stenografiiasy. Red. K. K. IUdakhin. Frunze, Kyrgyz, mamlekettik okuu-pedagogika basmasy, 1960. 705 p. [In Kirghiz]

SHRUBS see subdivision under Batum

SHRUBS--DISEASES AND PESTS
Effectiveness of aerosols in controlling tree and shrubbery pests in cities. S. T. Ped'ko. Zashch. rast. ot vred. i bol. 5 no. 1:24 Ja '60.

SHTEIN, ALEKSANDR PETROVICH
Isn't the "Ocean" a little shallow? Zh. Fomina. Sov. voin 43 no. 11:42-43 Je '61.

SHUTTERS, PHOTOGRAPHIC
High-speed shutter for aerial cameras based on the use of the "field of exposure." L. A. Malkin. Izv. vys. ucheb. zav.; geod. i aerof. no. 1:73-86 '61.
What type of shutter for a camera? P. Dereviankin. Sov. foto 21 no. 6:30-32 Je '61.

SHVARTSBERG, IAKOV ALEKSANDROVICH, 1885-
Professor IAkov Aleksandrovich Shvartsberg, Honored Scientist of the Ukrainian S. S. R. N. Onoprienko, L. Solov'ev, K. Kozitskaia. Zhur. ush., nos., i gorl. bol. 21 no. 1:91-92 Ja-F '61.

SHWARTZMAN PHENOMENON
Effect of caffeine and strychnine on the heterologic Shwartzman's phenomenon B. D. Stanchev, TS. Takeva. Zhur. mikrobiol. epid. i immun. 32 no. 1:128-133 Ja '61

SIAZAN' REGION--EARTH TEMPERATURE
Results of geothermal observations with a maximum thermometer at the Siazanneft' deposit [in Azerbaijani with summary in Russian]. S. A. Aliev. Uch. zap. AGU, Geol.-geog. ser. no. 2:79-83 '59.

SIBERIA--BIRDS
Changes in the ranges of birds in central Siberia resulting from the warming of the climate and human activities E. E. Syroechkovskii. Ornitologiia no 3, 212-218 '60.

SIBERIA--CHEMICAL INDUSTRIES
Consolidated Learned Council on Chemical Sciences. K. E. Mironov. Izv. Sib. otd. AN SSSR no. 4, 119-120 '61.

SIBERIA--CITY PLANNING
The lay-out of a residential district. V. Zaretskii and others. Arkhit. SSSR no. 3:17-22 '61.

SIBERIA--COMMUNIST PARTY OF THE SOVIET UNION--PARTY WORK
Efforts of the Siberian party organization to raise the political and labor activity of workers in the early phase of the socialist industrialization of our country, from 1926 to 1929. P. K. Kortikovtsev. Trudy Nov. inzh.-stroi. inst. 9, 154-169 '59.

SIBERIA--CRAZYWEED
Analyzing the milk vetch and crazyweed flora of central Siberian steppes. A. V. Polozhii. Izv. Tomsk. otd. VBO 4:63-75 '59.

SIBERIA--ECONOMIC CONDITIONS
Consolidated Learned Council on Economics. V. G. Fomin. Izv. Sib. otd. AN SSSR no. 4, 117-119 '61.

SIBERIA--EXCAVATING MACHINERY
We improve the performance of excavators. P. I. Ushkanov. Transp. stroi. 11 no. 5:3-4 My '61.

SIBERIA--FORESTS AND FORESTRY
Forest-type zones of Siberia. G. V. Krylov. Izv. Tomsk. otd. VBO 4:115-140 '59.

SIBERIA--GEOLOGY--BIBLIOGRAPHY
Literature on the geology of Siberia received by the State Public Library of Science and Technology of the Siberian Branch of the Academy of Sciences of the U. S. S. R. during the period 4 January 1961 to 25 January 1961; except Irkutsk and Chita Provinces and the Buryat A. S. S. R. Geol. i geofiz. no. 5:98-103 '61.

SIBERIA--GEOLOGY--MAPS
Second Interdepartmental Conference on Compiling Lithologic-Paleogeographical Maps of Siberia. V. P. Kazarinov, S. P. Mikutskii, M. M. Odintsov. Geol. i geofiz. no. 5:109-111 '61.

SIBERIA--INTERCONNECTED ELECTRIC UTILITY SYSTEMS
Effect of d. c. power transmission on the static stability of an a. c. system. R. S. Zainullina. Trudy Transp.-energ. inst. Sib. otd. AN SSSR no. 11:178-187 '60.

SIBERIA--LUMBER--TRANSPORTATION
It is unpractical to use tractors with skidding "pans." P. F. Vizner. Les. prom. 39 no. 5:39 My '61.

SIBERIA--MIGRATION, INTERNAL
Before a long journey. Vokrug sveta no. 7:6-7 Jl '61.
Migrant. V. Smirnov. Vokrug sveta no. 7:4-10 Jl '61.

SIBERIA--MILK VETCH
Analyzing the milk vetch and crazyweed flora of central Siberian steppes. A. V. Polozhii. Izv. Tomsk. otd. VBO 4:63-75 '59.

SIBERIA--PALEOGEOGRAPHY
Traces of the ancient drainage network in the western part of northern Siberia G. I. Amurskii, IU. P. Parmuzin. Izv. vys. ucheb. zav.; geol. i razv. 4 no. 4: 33-43 Ap '61.

SIBERIA--PHOSPHORITES
Conferences on the development of phosphorite reserves in Siberia and the Far East. V. A. Ivanov. Sov. geol. 4 no. 6:143-145 Je '61.

SIBERIA--RESEARCH
General assembly of the Siberian Branch of the Academy of Sciences of the U. S. S. R. V. G. Fomin. Izv. Sib. otd AN SSSR no. 4:116-117 '61.

SIBERIA—REVOLUTION, 1917-1921

How the Bolsheviks unmasked the conciliatory role of the Siberian Mensheviks and Social Revolutionaries in the revolutionary period from February to October 1917 A N Reznichenko Trudy Nov inzh -stroi inst 9:111-153 '59.

SIBERIA—SALTS

Work of the salts commission. A. S. Kolosov. Izv. Sib otd. AN SSSR no. 6: 131-132 '61

SIBERIA—SOCIAL GROUP WORK

Premises and early history of the patronage aid of Siberian workers to rural areas V. L. Soskin Trudy Nov inzh -stroi. inst. 9:170-197 '59.

SIBERIA—SOILS—CONGRESSES

First Siberian Conference of Soil Scientists. N. V Orlovskii Izv. Sib. otd. an SSSR no. 6:134 '61.

SIBERIA—STOCK AND STOCKBREEDING—COSTS

Hidden potentialities for increasing production and reducing costs of livestock products in Siberia. I Polovenko. Ekon. sel'khoz 32 no. 6.111-111 Je '61

SIBERIA, EASTERN—BIRDS

Recent data on the distribution of birds in Eastern Siberia. T. N Gagina Ornitologiia no 3 219-225 '60.

SIBERIA, EASTERN—FORESTS AND FORESTRY

Prospects of the utilization of Eastern Siberia and Far-East forests. D. Fogel', B T'Sugullev. Les. prom. 39 no. 6:4-7 Je '61.

SIBERIA, EASTERN—GEOLOGY, STRATIGRAPHIC

Paleontologic basis for the delineation of the Sinian in Eastern Siberia [with summary in English] A V. Vologdin Sov. geol. 4 no. 5-77-95 My '61

SIBERIA, EASTERN—INSECTS, INJURIOUS AND BENEFICIAL

Some little-known pests of farm crops in Eastern Siberia. N. G Dzholova, E V. Poliakova. Trudy Vost -Sib fil AN SSSR no. 23-41-43 '60.

SIBERIA, EASTERN—LUMBER—TRANSPORTATION

Tikhonirov, B. N. [Floating larch on the rivers of Eastern Siberia] Splav listvennitsy po rekam Vostochnoi Sibiri. Moskva, Goslesbumizdat, 1959. 44 p.

SIBERIA, EASTERN—LUMBERING

Aristov, V. A. [Main trends in the development of the lumbering industry of Eastern Siberia] Osnovnye napravleniia razvitiia lesozagotovitel'noi promyshlennosti Vostochnoi Sibiri. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1960, 73 p.

SIBERIA, EASTERN—MEDICAL SOCIETIES

History of medical societies in Eastern Siberia. E. D. Petrinev. Sov. zdrav. 19 no. 3 51-56 '60.

SIBERIA, EASTERN—PROSPECTING—GEOPHYSICAL METHODS

Russia (1917- R. S. F. S. R.) Glavnoe geologicheskoe upravlenie. [Geophysical prospecting in studying the geology of Eastern Siberia; articles on geophysical investigations] Geofizicheskie raboty pri reshenii geologicheskikh zadach v Vostochnoi Sibiri; sbornik statei po geofizicheskim issledovaniiam. Pod red. V. G. Vasil'eva. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 230 p.

SIBERIA, EASTERN—ROCKS, IGNEOUS

Composition and properties of the products of weathering of effusive rocks in the tundra of northeastern U. S. S. R. S. S. Morozov, V. A. Selivanov. Vest. Mosk. un. Ser. 4: Geol. 16 no. 3 10-17 My-Je '61

SIBERIA, WESTERN—LIBRARIES

First results of the work of the area unification of libraries in Western Siberia. IA. G. Khaninson. Sov bibl. no. 3:3-10 '61.

SIBERIA, WESTERN—SOLONETZ SOILS

Genetic characteristics of Solonetz and Soloth soils of Western Siberia I. S. Kaurichev, M. V. Bazilinskaia. Dokl. TSKhA no. 60:99-101 '61.

SIBERIA, WESTERN—SOLOTH SOILS

Genetic characteristics of Solonetz and Soloth soils of Western Siberia. I. S. Kaurichev, M. V. Bazilinskaia. Dokl. TSKhA no. 60:99-101 '61.

SIBERIA, WESTERN—SPRUCE

Role of natural regeneration before and after clear-cutting in whortleberry-spruce forests of the northern trans-Ural region. N. I. Mamonov. Izv. vys. ucheb. zav., les. zhur. 4 no. 2:24-28 '61.

SIBERIA, WESTERN—WATER, UNDERGROUND

Dynamics of the underground waters in the West Siberian artesian basin S. S. Bondarenko Izv. vys. ucheb. zav.; geol. i razv. 4 no. 4.96-106 Ap '61.

SIBERIAN PLATFORM—MAGNETISM, TERRESTRIAL

Use of aeromagnetic survey data for studying deep-seated structures in the earth's crust in the Siberian Platform. L. V. Bulina. Sov. geol. 4 no. 5:134-138 My '61.

SIBERIAN PLATFORM—PETROLEUM GEOLOGY

Geologic conditions of petroleum occurrences in the volcanic pipes of the Siberian Platform N S Beskrovnyi Trudy VNIGRI no 163:270-308 '60.

SIDI-YOUSSEF, TUNISIA—SCHOOLS

Flags over Sidi-Youssef. Vokrug sveta no 7:21 Jl '61.

SIEVES

Double-stage sieve middlings purifier with four intakes Z. Kalashnikova. Muk.-elev. prom. 27 no. 5:17-19 My '61.

SIGNALS AND SIGNALING

Principles for designing devices for generating electric signals with random shape, based on the use of radioactive decay as master process. V F. Nesteruk, N. N. Porfir'eva, B A. Finagin. Izv vys. ucheb. zav., prib. 4 no. 3,135-140 '61.

Sound signals of pickup balers B. Turovskii. Tekh. v sel'khoz. 21 no. 6:71-72 Je '61.

SIKHOTE-ALIN'—FLOTATION

Rapid flotation practices at the Sikhote-Alin' Combine. N. R. Romanov. Izv. vys. ucheb. zav.; tsvet. met. 4 no. 2:102 '61.

SIKHOTE-ALIN' MOUNTAINS—CALCITE

Calcite mushrooms. A. M. Kropachev, V. I. Raevskii. Priroda 50 no 7 109 Jl '61

SIKHOTE-ALIN' RANGE—TIMBERLINE

Dynamics of the timberline in the southern Sikhote-Alin Range. M. V. Ponomarenko Izv. Sib. otd. AN SSSR no. 5. 100-109 '61.

SILANE

Catalytic and radiation polymerization and copolymerization of allylhydrosilanes [with summary in English]. I. N. Liashenko and others. Vysokom. soed. 3 no. 6: 833-840 Je '61.

Halogenation of aromatic silanes. Part 8: Preparation and properties of chlorine derivatives of phenylmethyldichlorosilane containing chlorine atoms in the aromatic nucleus. G. V. Motsarev, V. R. Rozenberg Zhur. ob. khim. 31 no. 6:2004-2011 Je '61.

Particular aspects of phenylmethyldichlorosilane chlorination G. V. Motsarev, V. R. Rozenberg, IA I Mindlin Zhur. VKHO 6 no. 3:353-354 '61

Reaction of butyl-ortho-titanate with dimethyldiacetoxysilane [with summary in English]. A. L. Suvorov, S. S Spasskii. Vysokom soed. 3 no 6.865-869 Je '61

SILICA

Accelerated means of detecting silicon dioxide in magnesite, its by-products, and dolomite. S. N. Myshkin. Ogneupory 26 no. 5:239-240 '61.

Comparative characteristics of various silica gel samples based on their reactions to contained sulfur organic compounds in some fuels. R. D. Obolentsev, B. V. Aivasov, K. V. Titova. Khim. sera i azotorg. soed. v neft. i nefteprod. 3:211-217 '60.

Effect of silicic acid and silica on blood lipoids. I. Sabo, I. Modi, J. Sekei. Pat. fiziol.,eksp. terap. 5 no. 3:74-75 My-Je '61.

Properties of the melts of the $PbO - SiO_2$ system as studied by the electromotive force method at 1200°C. V. I. Minenko, S. M. Petrov, N. S. Ivanova. Izv. vys. ucheb. zav.; khim. i khim. tekh. 4 no. 1:3-6 '61.

Removing silica from cesium sulfate solutions. A. G. Motina. Nauch. trudy MGI no. 27.151-155 '59.

Surface tension and density of alloys containing oxides of lead, vanadium, and silicon. B. M. Lepinskikh, O. A. Esin, G. A. Teterin. Zhur. neorg. khim. 5 no. 3:642-648 Mr '60.

SILICATES

Akademiia stroitel'stva i arkhitektury SSSR, Institut osnovanii i podzemnykh sooruzhenii. [Instructions for hardening ground by silicates] Instruktsiia po silikatizatsii gruntov. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 53 p.

Asbestos silicate insulating articles. I. Z. Volchek. Strof. mat. 7 no. 5:8-13 My '61.

Detection of boron in silicate ores by the grinding method [with summary in English]. E. P. Ozhigov, V. S. Lozinskaia, A. L. Krasnitskaia. Zhur. anal. khim. 16 no. 3: 315-318 My-Je '61.

High-strength air-entrained silicate. I. T. Kudriashev, E. P. Sidorov. Bet. i zhel.-bet. no. 5:219-220 My '61.

Let's develop the manufacture of details and elements made of solid and porous silicate concrete. A. Boldyrev. Na stroi. Ros. no. 3:17-19 D '60.

Mesh-reinforced silicate floor slabs. V. Bogdanov. Na stroi. Ros. no. 3:23-24 D '60.

Quantitative X-ray phase analysis of silicates. V. P. Stativa. Zav. lab. 27 no. 6:703-704 '61.

Silicate paints. V. Naumov, K. Karasev. Na stroi. Ros. no. 4:33 Ap '61.

Stalingrad's first experience. A. Adamian, G. Sysoev. Na stroi. Ros. no. 3:25 D '60.

Surface tension and density of zinc containing silicate melts. D. M. Chizhikov, S. S. Deineka. Dokl. AN SSSR 136 no. 6:1402-1404 Je '61.

Work of the Institute of Silicate Chemistry. Vest. AN SSSR 31 no. 5:99 My '61.

SILICIC ACID

Effect of silicic acid on carbohydrate metabolism in animals. I. Sabo and others. Pat. fiziol.,eksp. terap. 5 no. 3 76 My-Je '61.

SILICOMOLYBDATES

Solubility of some poorly soluble alkali salts of heteropolyacids. V. I Spitsyn, N. B. Babaev. Zhur. neorg khim. 5 no. 3:580-585 Mr '60.

SILICON

Desiliconization of aluminate solutions with preparation of alumina by the sulfate-limestone method. T. I. Avdeeva, I. S. Lileev. Trudy Khim.-met inst. Sib. otd. AN SSSR, no. 15-75-80 '60

Evaporation of silicon in vapors tellurium. V. E. Kosenko, B. A. Nesterenko. Fiz. tver. tela 3 no 2:650 662 F '61

Preparation of high-purity silicon S. S. Alikberov, L. P Shklover Zhur. neorg khim. 5 no. 3:513-518 Mr '60

Recombination of current carriers in n-type silicon subjected to γ-irradiation G. N. Galkin. Fiz. tver. tela 3 no. 2,630-631 F '61.

SILICON—ANALYSIS

Determination of silicon and phosphorus in reagents without the use of organic solvents E. A. Nikitina, M. Z Partashnikova. Trudy IREA no. 22 119-123 '59.

SILICON—ELECTRIC PROPERTIES

Investigating the stationary photoconductivity and surface recombination rate of silicon. IU. A. Kontsevoi, M. I. Iglitsyn. Fiz. tver. tela 3 no. 5:1465-1474 My '61.

SILICON CRYSTALS—DEFECTS

Formation of lattice defects under the action of thermal neutrons in connection with the irradiation of silicon single crystals in a nuclear reactor. M. V. Chukichev, V. S. Vavilov. Fiz. tver. tela 3 no. 5.1522-1527 My '61

SILICON-IRON ALLOYS see Iron-silicon alloys

SILICON ORGANIC COMPOUNDS

Conjugated systems. Part 139: Hydrogenation of cetyne silicon hydrocarbons M D Stadnichuk, A A Petrov Zhur ob. khim. 31 no. 6:1855-1861 Je '61.

Formation of inorganic element-organic structures in adhesive compositions with the use of asbestos. A. B. Davydov, Z. G. Ivanova. Khim. prom. no. 5:340-344 My '61.

Organosilicon ethers of ketoximes and of benzaldehyde and o-hydroxybenzaldehyde oximes Z I Sergeeva, Z M. Matveeva, M. G. Voronkov. Zhur. ob. khim 31 no 6:2017-2023 Je '61.

Properties of organosilicon electric insulating enamels and their uses. M. B. Fromberg. Lakokras. mat. i ikh prim. no. 3.33-39 '61.

Reactions of diatomic organosilicon alcohols with diisocyanates [with summary in English] K. A. Andrianov, L. I. Makarova. Vysokom. soed. 3 no. 7.966-970 Jl '61

SILICOTUNGSTATES

Solubility of some poorly soluble alkali salts of heteropolyacids. V. I Spitsyn, N. B. Babaev. Zhur. neorg khim. 5 no. 3:580-585 Mr '60.

SILK MANUFACTURE see subdivision under Asia, Central

SILKWORMS—DISEASES AND PESTS

Effect of glucose and sodium citrate on respiration and the amount of purines and nucleic acids in pupae of the silkworm Bombyx mori infected with grasserie [with summary in English]. T. H. Brezhunova. Ukr. biokhim. zhur. 33 no. 3.363-373 '61.

Possible conversion of ribonucleic acid into desoxyribonucleic acid during the multiplication of the silkworm grasserie virus. L. M. Tarasevich, E F Ulanova. TSitologiia 3 no. 3:334-340 My-Je '61.

SILOXANES

Addition of unsaturated compounds to dimethylmethyl polysiloxanes [with summary in English]. V. O. Reikhsfel'd, A. L. Bondarenko Vysokom. soed. 3 no. 3.441 Mr '61.

Condensation reaction of methylphosphinic acid with α,ω-diethoxy-dimethylsiloxanes. K. A. Andrianov, T V. Vasil'eva, L. M. Khananashvili. Izv. AN SSSR, Otd. khim. nauk no. 6:1030-1035 Je '61.

Oxidation of polydimethylsiloxane rubber [with summary in English]. A. S. Kuz'minskii, E. A. Goldovskii Vysokom. soed. 3 no. 7.1054-1061 Jl '61.

Synthesis of linear aluminosiloxane polymers by silanol condensation [with summary in English]. Z. N Nudel'man, A. V. Sviridova, A. S. Novikov. Vysokom. soed. 3 no. 6:841-846 Je '61.

SILTSTONE see subdivision under Ob' Valley

SILVER

Determining the energy of vacancy formation in silver. O. M. Ovcharenko. Ukr. fiz. zhur. 6 no 1:139-140 Ja-F '61.

SILVER—ISOTOPES

Cadmium ratios for Ag^{107} and Ag^{109}. IU. F. Romanov, K. A. Petrzhak, M. A. Bak. Trudy Radiev. inst. AN SSSR 9:84-86 '59.

SILVER ALLOYS

Some special characteristics of silver alloy surface preparation for enamelling. R. B. Laskovaia. Izv. vys. ucheb. zav.; tsvet. met. 4 no. 2:123-130 '61.

SILVER CHLORIDE CRYSTALS

Phenomenon of "nonphotoconductivity" in AgCl. IU. Kh. Vekilov. Fiz. tver. tela 3 no. 2 545-546 F '61

SILVER COMPOUNDS

Complex compounds of mercury and silver with thiosemicarbazide. V. F. Toropova, L. S Kirillova. Zhur. neorg. khim. 5 no. 3:575-579 Mr '60.

SILVER PERMANGANATE

Effect of preliminary irradiation and chemical treatment on the thermal decomposition rate of silver permanganate. V. V. Boldyrev and others Kin i kat 2 no 2, 184-187 Mr-Ap '61

SIM VALLEY—COPEPODA, FOSSIL

A new species of Cyclidae (Crustacea) from lower Permian deposits of the Ural Mountain region N. N Kramarenko Paleont. zhur. no 2 86-89 '61

SIMAZINE

Effect of simazine and 2, 4-D on nitrogen metabolism in plants. F. K. Vorob'ev, Ch Zhu-bi (Ch'a Ju-pi). Doklady TSKhA no 57 63-69 '60.

Sensitivity of various plant species to simazine Ishtvan Krakkai Doklady TSKhA no 57 169-173 '60.

SIMAZINE—TOXICOLOGY

Absorption and translocation of C^{14} labeled simazine by corn and oats. M. IA. Berezovskii, Ishtvan Krakkai Dokl TSKhA no 64 83-90 '61

Duration of the toxicity of simazine in soil. F. K. Vorob'ev, Ch'a Ju-pi. Dokl TSKhA no 64:91-99 '61.

SIMENON, GEORGES, 1903-

Evidence of accusation ("Yellow dog," "Price of a head," "The Negro Quarter," "The President" by Georges Simenon. Reviewed by M. Zlobina) Novyi mir 37 no 6:263-266 Je '61

SIN

A dictionary for atheists Volov ateist no. 3:49 Mr '61

SINKIANG PROVINCE see Sinkiang-Uigur Autonomous region

SINKIANG-UIGUR AUTONOMOUS REGION—GEOGRAPHY

"Natural conditions in Sinkiang." Reviewed by I. Kh. Ovidenko. Vest. AN SSSR 31 no 6:135-136 Je '61.

SINTERING

Burning out of the sulfur in the sintering process [with summary in English]. D. T. Khokhlov. Stal' 21 no. 3. 193-197 Mr '61.

Effect of the occurrence of diffusion porosity in nichrome alloys on the sintering of nickel and chromium powders. S. M. Astrakhantsev and others. Metalloved i term. obr. met. no. 7:52-54 Jl '61

Effect of the size relationship of phase particles on the sintering of two-phase mixtures [with summary in English]. V. V. Skorokhod, I. M. Fedorchenko. Dop. AN URSR no. 6:745-748 '61.

Investigating the process of decomposing zircon by sintering with limestone G. E. Kaplan, T. D. Uspenskaia, T. V. Prianishnikova. TSvet. met. 34 no. 6:59-61 Je '61.

Preparation of alumina and lye by means of sintering bauxites with sodium sulfate in conditions of reduction-oxidation roasting. R. G. Rozentreter, A. A. Gorlunova. Trudy Khim.-met. inst. Sib. otd. AN SSSR. no. 15:121-129 '60.

Sintering of ceramic metal iron in hydrogen with small additions of hydrogen chloride. R. A. Andrievskii, V. V. Panichkina, I. M. Fedorchenko. Metalloved. i term. obr. met. no. 7:48-52 Jl '61.

Sintering of soda-sulfate-limestone charges. R. G. Rozentreter and others Trudy Khim.-met. inst. Sib. otd. AN SSSR. no. 15:41-54 '60.

Sintering of sulfate-limestone charges. R. G. Rozentreter and others. Trudy Khim.-met. inst. Sib. otd. AN SSSR. no. 15:27-39 '60.

Sintering two-phase powder systems [with summary in English]. V. Skorokhod, I. M. Fedorchenko. Dop. AN URSR no. 4:486-489 '61.

Studying the heat conductivity of granules and concentrates. S. G. Bratchikov. Izv. vys. ucheb. zav.; chern. met. 4 no 6:157-163 '61.

Studying the process of sintering bauxite-sulfate charges in a rotary furnace reduction-oxidation medium. R. G. Rozentreter, Z. S. Tkacheva, N. S. Berseneva. Trudy Khim.-met. inst. Sib. otd. AN SSSR. no. 15:131-144 '60.

SIRUPS

Shcherbatenko, V. V., T. S. Lur'e, and V. A. Patt. [Use of molasses in the baking industry] Primenenie patoki v khlebopekarnom proizvodstve. Moskva, Pishchepromizdat, 1960. 34 p.

SIVASH REGION—ROCKS—DENSITY

Problem of certain physical properties of rocks of the northern Sivash area [with summary in English]. N. M. Karpins'ka, H. IE. Kharechko. Dop. AN URSR no. 6: 740-746 '61.

SKACHKOV, IVAN IVANOVICH, 1884-1961

Ivan Ivanovich Skachkov; obituary. Poligr proizv no 5: 32 My '61

SKARNS

Contact-metasomatic deposits of boron in magnesia skarns L. I. Shabynin. Geol. rud. mestorozh. no. 3:3-27 My-Je '61

Some structural features of localization of limestone skarns. V. F. Chernyshev Geol. rud. mestorozh. no. 3 70-83 My-Je '61.

SKATING

For further improvement of the skill of Soviet skiers and skaters. Teor i prak fiz. kul' 23 no 12 881-885 '60

SKELETON

Longitudinal growth of the skeleton in Gissar sheep in comparison to skeletal growth in the Soviet Merino during the intrauterine development. N. N. Tret'iakov Trudy Inst morf. zhiv no 35 215-257 '61.

SKIMMIA

Creeping Skimmia. M. V. Chernyshev. Priroda 50 no. 7:117 Jl '61.

SKIN

Bactericidal properties of the skin in a topographical section [with summary in French] M IA Evtod'eva. Sbor nauch rab po lepr. i derm. no 13:120-128 '59

Bactericidal properties of the skin under varying conditions of children's diet [with summary in French]. M. IA Evtod'eva. Sbor. nauch rab. po lepr. i derm no 13:115-119 '59.

Changes in the reflexes from the carotid chemoreceptors following chemical irritation of the skin. A. A. Kolpakov. Vrach. delo no. 4:142-143 Ap '61.

Characteristics of the development of hair follicles in Vyatka sheep after birth. I. M Botbaev. Trudy Inst. morf. zhiv. no. 35.148-157 '61.

Condition of the nerve receptor apparatus of the skin, perspiration, and neurovascular reactions in vitiligo [with summary in French]. Shao Chan'-gen' [Shao Ch'an-ken]. Sbor. nauch rab po lepr. i derm no. 13: 91-102 '59.

Development and growth of the skin in Gissar sheep during their first year of life. E. P. Panfilova. Trudy Inst. morf. zhiv. no. 35 95-109 '61.

Effect of the level of milk feeding on the development of secondary hair follicles in Vyatka sheep. E. P. Panfilova. Trudy Inst. morf. zhiv. no. 35:270-275 '61.

Influence of exercise on the value of the spatial threshold of tactile differentiation [with summary in English]. E. A. Milerian, V. G. Tkachenko. Vop. psikhol. 7 no. 3: 60-69 My-Je '61.

Modification of skin proteins after thermal burns [with summary in English]. V. V. Oppel'. Vop. med. khim. 7 no. 2:172-178 Mr-Ap '61.

Postnatal development and growth of the skin in some fine-wool and medium-wool sheep. E. P. Panfilova. Trudy Inst. morf. zhiv. no. 35-56-84 '61.

Skin structure in newborn lambs of the Azerbaijan mountain merino, the bozakh breed, and their crosses. G. K. Kuliev Izv. AN Azerb. SSR. Ser. biol. i med. nauk no 1: 47-57 '61.

Structure and development of connective tissue elements of the skin in Romanov and Vyatka sheep. N. V. Mikhailova. Trudy Inst. morf. zhiv. no 35:128-147 '61.

SKIN—CANCER

Sharashidze, L. K. [Histochemistry of induced skin cancer] Gistokhimiia indutsirovannogo raka kozhi. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo," 1960. 278 p.
(DNLM)

SKIN—DISEASES

Clinical and bacteriological interrelationships during antibiotic therapy for pyoderma [with summary in English]. P. G. Oganesian, L. A. Shteinlukht. Antibiotiki 5 no 3:85-89 My-Je '60.

Data on antienzyme immunity reactions. Antilecithinase as one of the indicators of the immunological reactions of the body in staphyloderma [with summary in English]. S. P. Ivanova. Zhur. mikrobiol. epid. i immun. 31 no. 8:19-23 Ag '60.

"Diseases of the mucous membrane of the oral cavity in skin and venereal diseases" by B. M. Pashkov. Reviewed by V. M. Foderman. Zhur. ush., nos. i gorl. bol. 21 no. 2:91-93 Mr-Ap '61.

Grzhebin, Z. N., G. S. T'Seraidis. [Principles of the histopathology of the skin] Osnovy gistopatologii kozhi. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 359 p. (DNLM)

Mashkilleison, L. N. [Infectious and parasitic diseases of the skin] Infektsionnye i parazitarnye bolezni kozhi. Moskva, Gos. izd-vo med. lit-ry, Medgiz, 1960. 368 p. (DNLM)

Photodermatoses. U. K. Beiukha. Med. zhur. Uzb. no. 5:38-40 My '61.

Some occupational skin diseases in medical workers [with summary in English]. B. I. Il'in. Sov. med. 26 no. 4:113-119 Ap '61.

"Treating skin diseases by ultrasound" by L. I. Bogdanovich. Reviewed by A. A. Studnitsin Sov med. 25 no. 4 155-156 Ap '61.

Treatment of photodermatoses [with summary in French]. L. A Neradov. Sbor. nauch. rab po lepr. i derm no. 13:149-153 '59

Two observations on Behcet's disease. G. S. Kurenia. Zhur. ush., nos. i gorl. bol. 21 no. 2:77-79 Mr-Ap '61.

SKIN—TUBERCULOSIS

Effect of combined antibacterial therapy on osteoarticular diseases in patients with skin tuberculosis [with summary in English] I N. Agapkin. Sov. med. 25 no 4 99-105 Ap '61

SKIN DIVING see Diving, Submarine

SKIN GRAFTING

Method for subgranulative skin transplantation [with summary in English]. I. S. Proskuriakova. Zhur. ush., nos. i gorl. bol. 21 no. 2:31-34 Mr-Ap '61.

SKIS AND SKIING

Exercises for ski jumpers. A. A. Stepanov. Teor. i prak. fiz. kul'. 23 no. 10 781-783 '60.

Experience in using roller skates in the training of slalom skiers. A. I. Freidberg. Teor. i prak. fiz. kul'. 23 no. 5: 339-343 '60.

For further improvement of the skill of Soviet skiers and skaters. Teor. i prak fiz. kul'. 23 no 12 881-885 '60

Friendship is the winner. V. Gavrilin, N. Denisov. Sov. voin 43 no. 7:22-25 Ap '61.

Present state of skiing and prospects for its development. S. A. Bogachev. Teor. i prak. fiz. kul'. 23 no. 10:730-737 '60.

Rest interval during repetitive work directed toward the development of speed in young skiers. N. I. Volkov and others. Teor. i prak. fiz. kul'. 23 no. 10:752-754 '60.

Technique of the best ski jumpers V. K. Nasimovich Teor i prak fiz kul'. 23 no 12 918-926 '60

Will training of skiers. V. A. Voronov, A. TS. Puni. Teor. i prak. fiz. kul'. 23 no. 9:658-662 '60.

SKULL

Age-related variations in the skull and an analysis of the age composition of populations of the Norwegian lemming (Lemmus lemmus) [with summary in English] T. V. Koshkina, A S Khalanskii. Biul MOIP. Otd. biol. 66 no. 2:3-14 Mr-Ap '61

Craniological study of Karabair horses. D. I. Kosolapov Uzb. biol. zhur. no. 3:68-71 '61.

Trend of the evolutionary process in shore birds of the family Charadriidae according to studies on the skull structure E. V. Kozlova. Trudy Zool. inst. 29.183-212 '61.

SKULL—WOUNDS AND INJURIES

[Soviet medicine in the Great Patriotic War 1941-1945] Opyt Sovetskoi meditsiny v Velikoi Otechestvennoi Voine 1941-1945 gg. Moskva, Medgiz.
Vol. 4. 1960. 547 p.

SKULLCAP (PLANT)

Essential oil glands in the nectaries of certain skullcap species and their biological significance. N. N. Kartashova. Izv. Tomsk. otd. VBO 4:105-108 '60.

SKVORTSOV, GEORGI, d. 1929

Memorial to Communist Youth League member Georgi Skvortsov. Stroi. i arkhit. Len. 23 no. 4:40 Ap '61.

SLAG

Effect of alkaline slag on the reduction in the viscosity of cement slurry [with summary in English]. M. I. Nekrich, L. IA. Budnik, A. P. Hotlina'ka. Dop. AN URSR no. 6:779-782 '61.

Effect of the phase composition of slags on the process of cast iron gravitation in the reduction smelting of red pulp sinters. A. M. Samarin, A. V. Rudneva, S. V. Zalesskaia. Izv. vys ucheb. zav.; chern. met 4 no. 6: 20-26 '61.

Open-hearth furnaces feed corn. M. Belikov. Izobr. i rats. no. 7:8-10 Jl '61.

Pouring high-alloy types of steel under flux. V. P. Osipov, I. V. Lisov, N. F. Nakonechnyi. Vop. proizv. stali no. 8:88-95 '61.

Recovery from waste slag by cementation. A. D. Garenskikh and others. Vest. AN Kazakh SSR 17 no. 5.27-30 My '61.

Slag as fertilizer. V. N. Sintsov. Zemledelie 23 no. 6: 79-80 Je '61.

Slag conditions in the scrap process of steel smelting. K. K. Prokhorenko and others. Vop. proizv. stali no. 8: 78-87 '61.

SLAG—ANALYSIS

Mercury reduction method for the determination of magnetite in slags from lead smelting. S. G. Trofimova. Izv. AN Kazakh. SSR. Ser. met., obog. i ogneup. no. 1: 55-58 '61.

SLASTION, OPANAS HEORHIIOVYCH, 1855-1933

Akademiia nauk Ukrains'koi RSR. Instytut mystetstvoznavstva, fol'kloru ta etnografii. [Portralls of Ukrainian kobzars by O. Slastiona] Portrety ukrains'kykh kobzariv O. Slastiona. Vstupna stattia, prymitky i komentari IU. Turchenka. Kyiv, 1961. 61 p.

SLAVIC LITERATURE—HISTORY AND CRITICISM

Akademiia nauk SSSR, Sovetskii komitet slavistov. [Studies on Slavic literature and folklore, reports made by Soviet scholars at the Fourth International Congress of Slavic Scholars] Issledovaniia po slavianskomu literaturovedeniiu i fol'kloristike; doklady sovetskikh uchenykh na IV Mezhdunarodnom s"ezde slavistov. Moskva, Izd-vo Akad. nauk SSSR, 1960. 338 p.

"Historical ties of Slavic literatures," Reviewed by M. Gol'berg. A Dun. Vop. lit. 5 no. 6 223-228 Je '61.

SLAVIC STUDIES

A coordinating conference on the current problems of Slavic studies. M N Kuz'min Vop. ist no. 6 111-114 Je '61.

SLAVIC STUDIES—CONGRESSES

Current problems in Slavic studies M N. Kuz'min. Vest. AN SSSR 31 no 5 124-125 My '61

SLAVIN, GRIGORII POLIKARPOVICH, 1885-1961

In memory of G. P. Slavin, obituary Zhur mikrobiol epid. i immun 32 no 5 149-150 My '61

SLEEP

Dynamics of the orientation reflex during the development of sleep inhibition in man [with summary in English]. E. N. Sokolov, N. P. Paramonova. Zhur. vys. nerv. deiat. 11 no. 2:208-215 Mr-Ap '61.

SLEEP—THERAPEUTIC USE

Treatment of patients with schizophrenia with prolonged uninterrupted sleep and a simultaneous application of aminazine [with summary in French]. V. P. Kutin. Zhur. nevr. i psikh. 61 no 2:228-231 '61.

SLIDE RULE

Slide rule for determining birefringence ($\gamma - \alpha$) values by means of a calcite rotating compensator. V. I. Matveev. Izv. vys. ucheb. zav.; geol. i razv. 2 no. 12:103-108 '59.

SLUICES

Chizhikov, N. I. [New ShASh-1 sluice for shaft sinking with compressed air] Novyi shliuzovoi apparat ShASh-1 dlia prokhodki shakhtnykh stvolov pod szhatym vozdukhom. Moskva, TSentr. biuro tekhn. informatsii, 1959. 29 p.

SLUTSK DISTRICT—DAIRYING

Statkevich, G. I. [My experience in increasing the milk yield of cows] Moi opyt razdoia korov. Minsk, 1961. 22 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Belorusskoi SSR, no. 11)

SLYUDYANKA REGION (IRKUTSK PROVINCE)—PHLOGOPITE

Goniometry of phlogopite from the Slyudyanka deposit. O. G. Kozlova. Vest. Mosk. un. Ser. 4:Geol. 16 no 3 34-40 My-Je '61.

SMALLPOX

(see also subdivision under Moscow; Novosibirsk Province)

Correlation between virulence and immunogenic properties of vaccinal smallpox strains [with summary in English]. M. A. Morozov, V. I. Konstantinova. Zhur. mikrobiol. epid i immun. 32 no. 4:79-84 Ap '61.

Maximally permissible virulence and reactive properties of smallpox vaccines. A. P. Kiselev, V. F. Kozhevnikova Zhur. mikrobiol epid i immun. 32 no. 4 88 Ap '61

Means for the improvement of laboratory smallpox diagnosis [with summary in English]. A. A. Avakian and others. Vop. virus. 6 no. 2:196-203 Mr-Ap '61.

Outbreak of smallpox in Moscow during 1959-1960 [with summary in English] O. V Barolan, A. F. Serenko. Zhur. mikrobiol. epid i immun. 32 no. 4:72-79 Ap '61.

Some complications after smallpox vaccination [with summary in English]. K. V. Bunin and others. Sov. med. 25 no. 5:73-80 My '61.

Status of immunity against smallpox in the adult population. R. B. Dzhavadov. Zhur. mikrobiol. epid. i immun. 31 no. 12:110-111 D '60.

Studies on results of smallpox vaccination [with summary in English]. IU. N. Mastiukova and others. Vop. virus. 6 no. 2:189-196 Mr-Ap '61.

Treatment of patients with smallpox with antismallpox γ-globulin [with summary in English]. S. S. Marennikova A. V. Eremian, Z. I. Ogorodnikova. Zhur. mikrobiol. epid. i immun. 32 no. 4:84-87 Ap '61.

Use of the slide agar precipitation reaction in the diagnosis of smallpox [with summary in English]. S. S. Marennikova, N. N. Mal'tseva. Vop. virus. 6 no. 2:204-207 Mr-Ap '61.

SMELL

Effect of olfactory stimulation on the higher nervous activity in dogs [with summary in English]. T. E. Kalinina. Zhur. vys. nerv. deiat. 11 no. 2:318-321 Mr-Ap '61.

The sense of smell in marine mammals. A. V. IAblokov. Trudy sov. ikht. kom. no. 12:87-93 '61.

SMOG see subdivision under Moscow

SMOG—TOXICOLOGY see subdivision under London

SMOKE—EFFECT ON PLANTS see Plants, Effect of smoke on

SMOKED FISH see Fish, Smoked

SMOKEHOUSES

Investigating the work conditions of stoves for hot smoking of fish. I. M. Marshak, S. N. Surzhin, S. N. Mizitkin. Trudy VNIRO 39 106-132 '59.

SMOLENSK—BOOKSELLERS AND BOOKSELLING

Smolensk is a book town. I. Verkhovtsev. Sov. knizh. torg. 12 no. 8:18-20 Ag '60.

SMOLENSK—DIPHTHERIA

Analysis of the incidence of diphtheria during the last 10 years in Smolensk I. K Dzhavrova Zhur. mikrobiol. epid i immun 32 no 4 141-146 Ap '61

SMOLENSK—TEXTILE WORKERS—DISEASES AND HYGIENE

Defensive role of the mucous membrane of the upper respiratory passages in lung diseases [with summary in English]. M. G. Novikov. Zhur. ush., nos. i gorl. bol. 21 no. 3:52-53 My-Je '61.

SMOLENSK—TEXTILE WORKERS—MEDICAL CARE

Organization of medical and preventive work at an industrial enterprise [with summary in English]. M. G Novikov, V. D Adamchuk Sov zdrav. 19 no 3 35-41 '60

SMUTS

Loose smut of corn in Moscow Province. N. P. IAkovleva. Dokl. TSKhA no. 59:189-195 '60.

SNOW see subdivision under Azerbaijan; Tien Shan

SNOW BUNTINGS see subdivision under Russia, Northern

SNOW FENCES

Snow and ice research. D. Bilenkin. Izobr. i rats. no. 6 18-19 Je '61.

SNOW-LINE

Problem of the snow line [with summary in English]. S. V. Kalesnik. Vest. LGU 16 no. 12:95-102 '61.

SNOW PLOWS

Determining the capacity of the rotor engine on street snowplows. V. I. Balovnev. Stroi. i dor. mash 6 no. 5:18-20 My '61.

SOBOL', SAMUIL L'VOVICH, 1893-1960

In memory of S. L. Sobol'. L. Bilakher. Biul. MOIP. Otd. biol. 66 no. 2:158-159 Mr-Ap '61

SOBOLEV, VIKTOR POMPEEVICH, 1888-1961

Viktor Pompeevich Sobolev; obituary. Gidr. stroi. 31 no. 6:63 Je '61.

SOBOL'SHCHIKOV, VASILII IVANOVICH, 1813-1872

First manual on library science in Russia A. A. Gromova. Bibliot. SSSR no. 16:113-127 '61

SOCIAL CLASSES

Moscow. Akademiia obshchestvennykh nauk. [Changes in the class structure of a society during the building of socialism and communism] Izmenenie klassovoi struktury obshchestva v protsesse stroitel'stva sotsializma i kommunizma. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 302 p.

SOCIAL GROUP WORK see subdivision under Rostov Province; Siberia

SOCIAL SCIENCE RESEARCH

Let's expand the role of social sciences in the building of communism. Kommunist 38 no. 10:31-41 Jl '61.

The All-Russian Conference of the Chairmen of the Social Science Departments of the Institutions of Higher Education. G. A. Chigirinov. Vop. ist no. 8:145-147 Je '61

SOCIAL SCIENCES—BIBLIOGRAPHY see Bibliography—Social sciences

SOCIAL SCIENCES—DICTIONARIES—RUSSIAN

Soronbaev, K., S. Cholokov, and Zh. Shukurov. [A draft dictionary of sociopolitical terms] Slovar' obshchestvenno-politicheskikh terminov; proekt. Frunze, Izd-vo AN Kirgizskoi SSR, 1960. 141 p.

SOCIAL SCIENCES—STUDY AND TEACHING

Let's give a sound fund of knowledge to correspondence students. S. P. Dudel'. Vest. vys. shkoly 19 no. 6: 62-67 Je '61.

Let's improve scientific training and pedagogical skill. A. I. Vasil'kov, G. A. Kuprilanov, K. K. Dubina. Vest. vys. shkoly 19 no. 6-67-69 Je '61.

SOCIAL INSURANCE see Insurance, Social

SOCIALISM

Bol'shov, D. G., V. V. Midtsev, and L. A. IAkovleva. [Crisis of reformist illusions of a "democratic socialism."] Krizis reformistskikh illiuzii "demokraticheskogo sotsializma." Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 460 p.

Bunkina, M. K. [Criticism of the right-wing socialist theory of the "growth" of capitalism into socialism; based on materials of the Social-Democratic Party of Germany and the Socialist Party of Austria] Kritika pravosotsialisticheskoi teorii "vrastaniia" kapitalizma v sotsializm; po materialam sotsial-demokraticheskoi partii Germanii i sotsialisticheskoi partii Avstrii. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 78 p.

Novikov, V. A. [Utopian socialism in Western Europe; a lecture delivered at the Irkutsk Party School] Utopicheskii sotsializm v Zapadnoi Evrope, lektsiia, prochitannaia v Irkutskoi Vysshei partiinoi shkole. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 26 p.

SOCIALIST COMPETITION

(see also subdivision under Arkadak District; Armenia Fergana, Ivanovo; Korea, North; Tyumen' Province)

The carrying out of obligations is our main task. Agitator no. 7:29-32 Ap '61.

Collectivism in life and work N Markov. Sots trud 5 no 12 109-116 D '60

Communist labor enterprises. S. Gershberg. Sots. trud 6 no 5 11-19 My '61

A competition in skills. V. Podzorenko Sov profsoiuzy 17 no 12 5-8 Je '61

Corn is a crop of inexhaustible possibilities. K Tarchkov Ekon sel'khoz 32 no 2 31-33 F '61.

Experience of the best is available for all construction organizations. Ekon. stroi. no. 5:3-8 My '61.

For 1,100 centners of milk and 200 centners of meat from 100 hectares in 1961 P Malinina Ekon sel'khoz. 33 no 2 24-28 F '61.

Historical significance of the brigade and shock workers movements of the communist labor. M. V. Gamalaev Dokl. TSKhA no. 58:223-230 '60.

I shall fatten 12,000 swine and give to the state 10,000 centners of meat. T Pereshivko. Ekon. sel'khoz 33 no 2 26-30 F '61

A large grain factory. Z. Frank. Ekon. sel'khoz. 32 no 6 64-68 Je '61.

A mixed brigade of communist labor. A. Bekker. Ekon sel'khoz. 32 no. 6:68-70 Je '61

On the path of the further upsurge. G. Kozlov. Nar. khoz. Kazakh. 19 no. 6-9-16 Je '61.

Practice of a mechanized mixed brigade. N. Manukovskii Ekon. sel'khoz 32 no. 6:80-84 Je '61.

Prompted by life. V. Burov. Sov. profsoiuzy 17 no 12 9-10 Je '61.

The purpose of life. E. Sevast'iannikov. Sov. profsoiuzy 17 no. 12 24-26 Je '61

Socialist competition before the party congress and the tasks of party organizations. Part. zhizn' no. 14:3-8 Jl '61.

Socialist competition between the workers of the Moscow and Leningrad railroad repair shops. Elek. i tepl tiaga 5 no. 4 1-2 Ap '61.

A steady upsurge in agriculture is everybody's business Ekon sel'khoz 32 no 2-3-10 F '61.

Triumph of free labor. Sots. trud 6 no. 5 3-10 My '61

Utilize virgin land potentials more fully. Ekon. sel'khoz. 32 no 6:3-9 Je '61

We will greet the Party Congress with new labor victories. Zhil.-kom khoz. 11 no 4:1-2 Ap '61.

With fast steps forward! A. Fedeev, Z. Chabanova Sov profsoiuzy 17 no. 12 11-12 Je '61.

Youth in the first ranks. S. Kabiak. Komsom. zhizn' no. 23:1-5 D '59.

SOCIALIST REALISM

Kryzhanivs'kyi, S. A. [Socialist realism is the creative method of Soviet literature] Sotsialistychnyi realizm - tvorchyi metod radians'koi literatury. Kyiv [Vyd-vo i kombinat druku "Radians'ka Ukraina"] 1961. 51 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 8, no. 6)

SOCIOLOGY

Shcherbin, M. IA. [The reactionary nature of present-day bourgeois ideology; a critical review of present-day bourgeois sociological ideas] Reaktsiinyi kharakter suchasnoi burzhuaznoi idiologii; krytychnyi ohliad suchasnykh burzhuazhnykh sotsiologichnykh teorii. Kyiv, 1961. 90 p. (Tovarystvo dlia poshyrennia politichnykh i naukovykh znan' Ukrains'koi RSR. Ser. 1, no. 5/6)

SODIUM—ISOTOPES

On changes in conditioned reflex activity of white rats caused by small doses of internal radiation [with summary in English]. V. M. Zakharov. Zhur. vys. nerv. deiat. 11 no. 2:361-369 Mr-Ap '61.

SODIUM—PHYSIOLOGICAL EFFECT

Effect of chalk and sodium bicarbonate on strontium deposition in the organs and tissues of sheep. R. N. Odynets and others. Izv. AN Kir SSR. Ser. biol. nauk 2 no. 5:53-67 '60.

SODIUM ACETATE

Kinetics and mechanism of the thermal decomposition of lithium, sodium and barium acetates. V. I IAkerson, A. M. Rubinshtein. Kin. i kat. 2 no. 2:172-178 Mr Ap '61.

SOIL SCIENCE — CONGRESSES

[illegible] for [illegible] Congress of Soil Scientists [illegible] A. [illegible] Vestnik [illegible]

SOIL STABILIZATION

(see also subdivision under Novosibirsk Province, Plyavinas Hydroelectric Power Station)

Akademiia stroitel'stva i arkhitektury SSSR. Institut osnovanii i podzemnykh sooruzhenii. [Instructions for hardening ground by silicification] Instruktsiia po [illegible] Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. [illegible] p.

Akademiia stroitel'stva i arkhitektury SSSR. Institut osnovanii i podzemnykh sooruzhenii. [Instructions for the stabilization of sandy soils with [illegible]] [illegible] Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. [illegible] p.

The bearing power of [illegible] soils [illegible] [illegible]

[illegible] soil compaction in industrial construction [illegible]

Soil compaction under load. [illegible] Vestnik [illegible]

[illegible] for saturated soils. [illegible]

[illegible] of soil compacting machines [illegible]

Vibrating earth and ballast compaction machines. [illegible]

SOIL TEMPERATURE

Assimilation of nitrogen by legumes at low different soil temperatures. [illegible] Doklady [illegible]

Results of thermographic investigations of the soil absorption complex in a prolonged experiment. [illegible] [illegible]

SOILS

(see also subdivision under Africa, Central; Akstafa Valley; Angara Valley; Astrakhan Bazar District; Cherevkova District; Kellotoska District; Kirghizistan; Moscow region; Moskva Valley; Northern Dvina Delta; [illegible] District; Virgin Territory; Volga Hills; Vologda Province; West Kazakhstan Province)

Bersenov, A.I. [Selected works] Izbrannye trudy. Alma Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1960. 354 p.

Dokuchaev, V.V. [Works] Sochineniia. Moskva, Izd-vo Akad. nauk SSSR.

Vol. 8. [Papers and addresses. Correspondence] Raboty i vystupleniia. Perepiska. 1961. 550 p.

SOILS — ALUMINUM CONTENT

Separation of free (nonsilicate) iron and aluminum from soils and clays [with summary in English]. I.O. Tiiurapa. Pochvovedenie no.4:99-100 Ap '61.

SOILS — ANALYSIS

(see also subdivision under Feodosiya; Ivov Province)

Using ion-exchange resins for the quantitative analysis of trace elements. I.K. [illegible]. Pochvovedenie no.4:107-110 Ap '61.

SOILS — BIBLIOGRAPHY see Bibliography — Soils

SOILS — CALCIUM CONTENT

How plants assimilate calcium from the carbonate horizon of soil [with summaries in English, German and French]. M.M. Karna. Vest. sel'khoz. nauki [illegible] no.6:37-41 Je '61

SOILS — CLASSIFICATION

(see also subdivision under Azerbaijan, Ryazan Province)

Classification of characteristics of mantle-rock on the basis of natural vegetation. V.V. Petrov. Biul. MOIP Otd. geol. 34 no.5:162-163 S-O '59

SOILS — COMPOSITION

Effect of the mineralogical composition of soils on their moisture characteristics. V.M. Fridland, S.I. Dolgov. Dokl. AN SSSR 138 no.5:1167-1169 Je '61.

SOILS — IRON CONTENT

(see also subdivision under Khanka Plain)

Separation of free (nonsilicate) iron and aluminum from soils and clays [with summary in English]. I.O. Tiiurapa. Pochvovedenie no.4:99-100 Ap '61.

SOILS — MANGANESE CONTENT see subdivision under Khanka Plain

SOILS — MAPS

Gerasimov, I.P., and M.A. Glazovskaia. [Principles of soil science and soil geography] Osnovy pochvovedeniia i geografiia pochv. Moskva, Gos. izd-vo geogr. lit-ry, 1960. 490 p. maps.

(DA)

[illegible]

SOILS — MICROBIOLOGY [illegible]

SOILS — MOLYBDENUM CONTENT [illegible]

SOILS — PHOSPHORUS CONTENT [illegible]

SOILS — PHYSICAL PROPERTIES [illegible]

SOILS — [illegible]

SOILS AND CLIMATE [illegible]

SOKOLOV, NIKOLAI [illegible] [illegible]

SOKOLOV, NIKOLAI [illegible] [illegible] see Bibliography [illegible] 1900-1960

SOKOLOVSKA REGION [illegible] [illegible]

SOLAR ENERGY [illegible]

SOLAR RADIATION [illegible]

SOLAR RADIATION — MEASUREMENTS [illegible]

SOLAR RADIATION — PHYSIOLOGICAL EFFECT [illegible]

SOLDERING [illegible]

SOLIDIFICATION [illegible]

SOLIDS [illegible]

SOLIDS — THERMAL PROPERTIES [illegible]

SOLONCHAK SOILS see subdivision under Mongolia [illegible]

SOLONETZ SOILS see subdivision under Kazakhstan, Mongolia, Siberia, Western

SOLOTH SOILS see subdivision under Siberia, Western; Altai Territory

[illegible]

SORTING DEVICES

Floating crushing and grading installation. Gidr. stroi. 31 no 5:37 Je '61.

Important means of improving the quality of fine-grained concrete aggregates. V. V. Dlougii. Stroi. i arkhit. Len. 23 no. 4:27-28 Ap '61.

Sorting of fish based on the shadow area and the use of photocells. S. N. Mizifun. Trudy VNIRO 39,160-165 '59.

SOUND

Effect of the elasticity of the medium on the radiation resistance of a piston in a screen. D. N. Chetaev. Akust. zhur. 5 no. 4 501-503 '59.

SOUND—BIBLIOGRAPHY see Bibliography—Sound

SOUND—CONGRESSES

Colloquium on acoustics and ultrasonics in Budapest. T. Tarnoczy. Akust zhur 5 no. 1:504-505 '59.

SOUND—SPEED

Bark, L. S., P. P. Ganson, and N. A. Meister. [Tables of the speed of sound in sea water] Tablitsy skorosti zvuka v morskoi vode. Moskva, Vychislitel'nyi tsentr AN SSSR, 1961. 180 p.

Existence of a jump in the speed of sound at the critical point. I. I. Novikov. PMTF no. 1:109-110 Ja-F '61.

Speed of sound along the "vapor-liquid" phase equilibrium curve. Speed of sound propagation in saturated vapors of carbon dioxide. I. I. Novikov, IU. S. Trelin PMTF no. 2:112-115 Jl-Ag '60.

Temperature dependence of the sound velocity in dense gases. I. Z. Fisher Akust. zhur. 5 no. 4:458-463 '59

SOUND—TRANSMISSION

Admittance of a group of apertures. V. S. Nesterov. Akust. zhur 5 no. 1 140-144 '59.

Experimental studies of waveguide sound propagation in layered inhomogeneous media A. N. Barkhatov, I. I. Shmelev. Akust zhur. 5 no. 4:403-407 '59.

Theory of the study of sound radiation by thin elastic shells and plates. L. M. Lliamshev. Akust. zhur. 5 no 4:420-427 '59.

SOUND WAVES

Absorption of waves of finite amplitude in a conducting medium [with summary in English]. IU. F. Filippov Uvr fiz zhur. 6 no 2 248-254 Mr-Ap '61.

Elastic waves in a thin toroidal tube filled with a liquid V. S. Tkalich, V. I. Pakhomov. Ukr. fiz. zhur 5 no 1 115-117 Ja-F '60.

Method of calculating the gain in convex sound-wave bunches. B. D. Tartakovskii. Akust. zhur. 5 no. 1:450-458 '59.

Propagation of sound and electromagnetic waves in half-space. M. D. Khaskind Akust zhur. 5 no. 1:464-471 '59

Second approximation in the method of smooth perturbations. T. A. Shirokova. Akust zhur. 5 no. 4:485-489 '59.

Surface waves in air. K. M. Ivanov-Shits, F. V. Rozhin. Akust. zhur. 5 no. 4:495-496 '59.

SOUND WAVES—DAMPING

Thermal damping of sound in a suspension of high concentration. N. L. Byzova, V. S. Nesterov. Akust. zhur. 5 no. 4:408-411 '59.

SOUTH AFRICA, UNION OF

Forbidden word. V. Gorodnov. Az. i Afr. seg. no. 5: 52 My '61

SOUTH AFRICA, UNION OF—SOCIAL CONDITIONS

Motion picture filmed in secret. Az. i Afr. seg. no. 3: 44-45 Mr '61.

SOUTH AFRICA, UNION OF—TRIALS (POLITICAL CRIMES AND OFFENSES)

Collapse of a trial. V. Gorodnov. Az. i Afr. seg. no. 6: 54-55 Je '61.

SOUTH KOREA see Korea, South

SOVIET BLOC see Communist Countries

SOVIET CENTRAL ASIA—ASH (TREE)

More on the systematics of Central Asian ashes. A. A. Abdurakhmanov. Uzb. biol. zhur. no 3:39-41 '61

SOVIET CENTRAL ASIA—BIBLIOGRAPHY

Brief report on new books. Obshchestv. nauki v Uz. no. 4:54 '61.

SOVIET CENTRAL ASIA—DARKLING BEETLES

New species of the genus Sarathropus (Coleoptera, Tenebrionidae) from Central Asia [with summary in English]. G. S. Medvedev. Ent. oboz. 40 no. 2: 365-368 '61.

SOVIET CENTRAL ASIA—DRAINAGE

Use of vertical drainage in irrigated territories as exemplified by its use in Central Asia [with summary in English]. D. M. Kats, V. M. Fomin Sov. geol. 4 no 6 8-16 Je '61

SOVIET CENTRAL ASIA—ECONOMIC CONDITIONS

The republics of the Soviet East as an example of the transition of underdeveloped countries to a socialist social and governmental system. D. R. Rasulov, S. Radzhabov. Sov. gos. i pravo 31 no. 7:26-35 Jl '61.

SOVIET CENTRAL ASIA—ECONOMIC POLICY

Basic problems in the specialization and the general development of the economy in Central Asia N. Nekrasov. Plan. khoz 38 no. 7:40-50 Jl '61.

SOVIET CENTRAL ASIA—FINCHES

The red Kashmir finch (Pyrrhospiza punicea humii Sharpe) A. A. Kuznetsov Ornitologiia no 3 351-361 '60

SOVIET CENTRAL ASIA—FISHERIES—CONGRESSES

Konferentsiia po rybnomu khoziaistvu respublik Srednei Azii i Kazakhstana, Frunze, 1958. [Transactions of the Conference on Fishery Management in the Republics of Central Asia and Kazakhstan] Trudy. Frunze, Akad. nauk Kirgizskoi SSR, 1961. 214 p.

SOVIET CENTRAL ASIA—GEOLOGY, STRATIGRAPHIC

Interdepartmental Conference of the Quaternary period in Central Asia and Kazakhstan Sov. geol 4 no. 6 146 Je '61

Permian stratigraphy of Central Asia [with summary in English]. A. D. Miklukho-Maklai. Vest. LGU 16 no. 12 18-41 '61.

SOVIET CENTRAL ASIA—LEAF HOPPERS

Cellulike galls on Populus pruinosa Schrenk. IU. V. Sinadskii. Ent. oboz. 40 no. 2 297-299 '61.

SOVIET CENTRAL ASIA—LOESS

Accumulation of eolian dust in fluvial basins of the Tien-Shan (origin of loess in Central Asia). I. N. Stepanov. Biul. MOIP, Otd. geol 34 no 5:165 S-O '59

SOVIET CENTRAL ASIA—MACHINERY INDUSTRY

Regional economic conference on problems of specialization and cooperation in the machinery manufacturing industry in the Central Asian Republics and Kazakhstan B. A. Desiatchikov, P. V. Kaliakin Obshchestv nauki v Uz no. 1 61 '61

SOVIET CENTRAL ASIA—PROTOZOA, PATHOGENIC

New species of parasitic protozoans from snakes of Central Asia G. S. Markov, O. P. Bogdanov Uzb. biol. zhur. no. 3 57-62 '61

SOVIET CENTRAL ASIA—ROVE BEETLES

A new species of the genus Lathrimaeum Er. (Coleoptera, Staphylinidae) from Central Asia [with summary in English]. IA. D. Kirshenblat. Ent. oboz. 40 no. 2: 363-364 '61.

SOVIET CENTRAL ASIA—VIRUS DISEASES OF PLANTS

Recent data on the virus diseases of plants in Central Asia. IU. I. Vlasov. Zashch. rast. ot vred. i bol. 5 no. 1 22-23 Ja '60.

SOVIET FAR EAST—CODFISH

Diagnostic characters in the young of Far Eastern gadoid fishes (family Gadidae). L. N. Musienko. Trudy Inst. okean. 43:270-281 '61.

SOVIET FAR EAST—DISCOVERY AND EXPLORATION

Kamanin, L. IU. [First explorers of the Far East] Pershi doslidnyky dalekoho skhodu. Kyiv, Derzh. uchbovo-pedagog. vyd-vo "Radians'ka shkola," 1955. 212 p.

SOVIET FAR EAST—FORESTS AND FORESTRY

Prospects of the utilization of Eastern Siberia and Far-East forests D. Fogel', B. Tsugulev Les. prom 39 no. 6:4-7 Je '61.

SOVIET FAR EAST—ORE DEPOSITS

Conference on the metallogeny of the Pacific ore belt. G. N. Shcherba. Izv. AN Kazakh SSR Ser geol no 1: 80-85 '61

SOVIET FAR EAST—SEALS (ANIMALS)

Distribution and migrations of seals in Far Eastern waters. E. A. Tikhomirov Trudy nov. ikht. kom no. 12:199-210 '61

SOVIET UNION see Russia

SOVIETS

The development of the soviets as the organs of state rule and as the mass organizations of Soviet workers F. I. Kalinychev. Sov gos i pravo 31 no 6:3-13 Je '61.

Improve the coordination of the economic activities of local soviets and the councils of national economy. IA. Chadaev. Plan. khoz. 38 no. 7:12-20 Jl '61.

The soviets today and tomorrow. M. S. Akhmedov. Vop ist. KPSS 5 no. 3:224-229 '61

V. I. Lenin on the soviets as a constitutional form of the dictatorship of the proletariat. A. G. Lashin Vop ist. KPSS 5 no 3:40-58 '61.

SOWING

Effect of different periods and types of seeding on the carbohydrate-protein metabolism in certain fodder crops [in Azerbaijani with summary in Russian] A. M. Mamedov. Dokl. AN Azerb. SSR 17 no. 4:335-340 '61.

Effect of seeding methods on the biological properties and yields of soybeans. A. S. Ragimov. Izv. AN Azerb SSR Ser. biol. i med nauk no 1:33-45 '61.

Effect of seeding rates on the yield of different barley varieties in the Karabakh Lowland. F. A. Guseinov. Izv. AN Azerb. SSR Ser. biol. i med. nauk no. 2:39-43 '61.

Seeding methods for perennial and annual grasses grown for seed production in irrigated regions D. R. Kostyrko Izv. AN Azerb. SSR, Ser. biol. i med nauk no. 2 45-48 '61

SOYBEAN

Companion cropping of corn and soybeans. S. R. Molchadskii Zemledelie 23 no 6:77-78 Je '61

Effect of seeding methods on the biological properties and yields of soybeans A. S. Ragimov Izv AN Azerb SSR Ser biol i med nauk no 1 33-45 '61

SPACE AND TIME

Space-time metrics inside the Schwarzschild singular sphere [with summary in English]. I. D. Novikov. Astron. zhur. 38 no. 3:504-505 My-Je '61.

SPACE BIOLOGY

Biological problems of space flight N. M. Sisakian Vest AN SSSR 31 no 6 31-40 Je '61

The universe and life. A. I. Oparin Priroda 50 no. 7: 5-12 Jl '61

SPACE FLIGHT

The great victory of labor and science achieved by the Soviet people. Vest. Mosk un. Ser. 6: Biol., pochv 16 no 3:3-4 My-Je '61.

Man and the cosmos. Vop. psikhol. 7 no. 2 3-4 Mr-Ap '61.

Parfenov, V. A. [Returning from space] Vozvrashchenie iz kosmosa. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 67 p. (Nauchno-populiarnaia biblioteka voennogo izdatel'stva)

SPACE FLIGHT—HYGIENIC ASPECTS

Diet of the cosmonaut G. A. Arutiunov. Zdorov'e 7 no 7 6-7 Jl '61

SPACE FLIGHT TO VENUS

Great victory of Soviet science and technology, opening of the first interplanetary route. IUn. tekh. 5 no. 3:11 Mr '61.

SPACE MEDICINE

[Medicine and cosmic flight] Meditsina i kosmicheskie polety; sbornik. Moskva, Izd-vo "Znanie," 1961. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Biologiia i meditsina, no. 9)

SPACE SCIENCES

Conquering space G. M. Idlis Vest. AN Kazakh SSR 17 no 5 10-14 My '61.

SPACES, GENERALIZED

Classes of saturation in C-space A. Kh. Turetskii Izv. AN SSSR, Ser. mat 25 no 3:411-442 My-Je '61

Integral transformations connected with straight-line complexes in a complex affine space. I. M. Gelfand, M. I. Graev. Dokl. AN SSSR 138 no. 6:1266-1269 Je '61.

Invariant random measures on a sphere [with summary in French]. V. N. Tutubalin. Teor. veroiat. i ee prim. 6 no. 1:125-130 '61.

Kagan, V. F. [Subprojective spaces] Subproektivnye prostranstva. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 218 p. (Biblioteka russkoi nauki: Matematika, mekhanika, astronomiia)

Metric properties of the endomorphisms of an n-dimensional torus. A. L. Genis. Dokl. AN SSSR 138 no. 5: 991-993 Je '61.

Petrov, A. Z. [Einstein spaces] Prostranstva Einshteina. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 463 p.

Stratified Riemann spaces with one-parameter holonomy groups. A. P. Kratashev. Dokl. AN SSSR 138 no. 5: 1002-1004 Je '61.

SPAIN—FOREIGN RELATIONS—UNITED STATES

Beliavskii, A. M. [American imperialism on the Pyrenean Peninsula] Amerikanskii imperializm na Pireneiskom poluostrove. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 401 p.

SPAIN—POLITICS AND GOVERNMENT

Under the sky of Spain. Nov. vrem. 10 no. 30:3-4 Jl '61.

SPAIN—TANK VESSELS

Spanish tanker "Talavera" [from "Shipbuilding and Shipping Record" no. 21, 1960]. Sudostroenie 27 no 5:67

SPECTROMETER

Magnetic multispectrometer for the study of the directional distribution of the charged products of nuclear reactions. V. F. Litvin. Trudy Radiev. inst. AN SSSR 9:141-149 '59

Scintillation γ-spectrometers. IU. A. Nemilov, A. N. Pisarevskii, E. D Teterin. Trudy Radiev. inst. AN SSSR 9:181-191 '59.

SPECTROPHOTOMETER

High-speed photoelectric solar spectrophotometer [with summary in English]. P. P. Kozak. Astron. zhur. 38 no. 3 549-553 My-Je '61.

SPECTROPHOTOMETRY

Determination of neodymium by differential spectrophotometry T. M. Maliutina, B. M. Dobkina, IU. A. Chernikhov. Zav. lab. 27 no 6:653-656 '61

Determination of titanium in ilmenite concentrates by means of differential spectrophotometry. T. M Maliutina, B. M Dobkina Zav. lab. 27 no 6 650-652 '61.

SPECTRUM, ATOMIC

Energy spectra of an antiferromagnetic in a magnetic field [with summary in English]. V A Popov Ukr fiz zhur 6 no 1 25-33 Ja-F '61

SPECTRUM, MOLECULAR

Dependence of the electronic moment of the $^1\Sigma^* \rightarrow {}^1\Sigma$ transition on the internuclear distance for BaO, CaO, and MgO molecules F S Ortenberg Ukr fiz zhur 6 no 1, 145-147 Ja-F '61

Electronic spectra of molecules and ions in crystals. Part I: Molecular crystals [translated from the English]. D. S. McClure Usp. fiz nauk 74 no. 1 86-123 My '61

SPECTRUM, SOLAR

Results of measurements of spectrum line intensities of the sun in relation to the phase of solar activity [with summary in English]. T. E. Derviz, L. F. Kuprevich, L. A. Mitrofanova. Astron. zhur. 38 no. 3:448-454 My-Je '61.

SPECTRUM, ULTRAVIOLET

Ultraviolet absorption spectra of isonicotinic acid hydrazide and its derivatives. L. I. Grebennik. Farm. i toks. 24 no. 2:233-237 Mr-Ap '61.

SPECTRUM, X-RAY

Effect of small admixtures of antimony on the L-series X-ray spectrum of germanium [with summary in English]. M I Korsunskyi, H. P. Borovykova. Ukr fiz. zhur. 5 no. 1 88-93 Ja-F '60

SPECTRUM ANALYSIS

Leningradskii dom nauchno-tekhnicheskoi propagandy. [Methods of approximate quantitative spectral analysis] Metodika priblizhennogo kolichestvennogo spektral'nogo analiza. Leningrad, 1952. 13 p. (Informatsionno-tekhnicheskii listok, no. 72(413))

Present state and prospects for the expansion of optical and X-ray spectrum analysis methods. I. G. Dem'ianikov, L. E. Naimark. Trudy Inst. met. i obogashch. AN Kazakh. SSR 3:67-75 '60.

Reflection spectra of some inorganic compounds in a medium of organic liquids. B. V. Ozimov, IU. N. Vol'nov. Izv. vys. ucheb. zav.; khim. i khim. tekh. 4 no. 1:28-32 '61.

SPECTRUM ANALYSIS—CONGRESSES

Fourteenth All-Union Conference on Spectroscopy. Zav. lab. 27 no. 6:765 '61.

SPEECH

...e formation of the arbitrary actions
Probl. psikhol. sporta

SPINE—ABNORMITIES AND DEFORMITIES

Ducroquet's apparatus and a method for its use in active traction on the spine in scoliosis F S Antipenovich. Zdrav Bel 7 no 5 53-55 My '61

SPINE—WOUNDS AND INJURIES

Injuries to the spinal column in weight lifters and their treatment P K. Levchik, E. IA Mikhailova Teor i prak fiz kul' 23 no 12 945-949 '60.

SPINEL—ELECTRIC PROPERTIES

Electrical conductivity of cobalt-manganese spinels with additions of lithium, titanium, and copper oxides. M. IA. Kushnarev, V. P. Linde, S Z. Roginskii. Fiz. tver. tela 3 no 2 384-394 F '61.

SPINEL GROUP—TESTING

Phase constitution of spinelides in chrome-magnesite refractories prior to and after service S M. Zubakov. Izv. AN Kazakh SSR, Ser. met., obog. i ogneup no. 1 84-91 '61

SPINNING MACHINERY see subdivision under Japan; Serpukhov

SPINNING MACHINERY—TECHNOLOGICAL INNOVATIONS

Valuable invention. Prom Arm 4 no. 3:42-44 Mr '61.

SPLEEN

Distribution of carboxyl and sulfhydryl groups of proteins in the spleen tissue of mice under normal conditions and after irradiation. M S. Konstantinova TSitologiia 3 no. 3:293-299 My-Je '61.

Splenectomy in children with Werlhof's disease and familial hemolytic anemia [with summary in English, p 62]. S D Ternovskii. Probl gemat i perel krovi 5 no 1 25-26 Ja '60.

Use of splenectomy in hypoplastic anemias [with summary in English, p. 63]. F. L. Fainshtein, R. I. Murazian Probl. gemat. i perel. krovi 5 no. 1:48-52 Ja '60

SPLEEN—INNERVATION

Changes in the delicate morphology of the nervous apparatus of the porta lienis in some diseases in connection with and without the total action on the body of antibiotics and chemical preparations. IA. M. Musaev. Azerb. med. zhur. no. 6:52-58 Je '61.

SPLEEN—RUPTURE

Two-stage rupture of the spleen. D. L. German. Zdravookhranenie 2 no. 4:52-53 Jl-Ag '59.

SPLEEN—SURGERY

Analysis of the clinical observations on treatment of diseases of the hematopoietic system by splenectomy. A. N. Filatov, M. E. Depp. Probl. gemat i perel. krovi 5 no. 1 17-21 Ja '60.

Effectiveness of splenectomy in various diseases of the hematopoietic system Report No 1. Splenectomy in hemolytic anemias. F. A Efendiev, A. M. Akhundova. Probl. gemat i perel krovi 5 no 1:21-24 Ja '60

Effectiveness of splenectomy in Werlhof's disease [with summary in English, p. 61] D. M. Grozdov. Probl. gemat. i perel. krovi 5 no. 1:9-13 Ja '60

Hematopoiesis in children with Werlhof's disease immediately after operation [with summary in English, p. 62] G I Stepanova Probl. gemat i perel. krovi 5 no 1: 36-37 Ja '60

Immediate and late results of splenectomy in Werlhof's disease [with summary in English, p. 62] A. G Miasnikova. Probl. gemat. i perel. krovi 5 no. 1:35-36 Ja '60.

Immediate and late results of treating chronic hemolytic anemias [with summary in English, p 63]. IU. I. Lorie, A. S. Kukel, M. A. Umnova Probl. gemat. i perel krovi ... 40-46 Ja '60.

...ntraindications for splenectomy in ...e, hemolytic jaundice, the splenoliver cirrhosis, and in thrombophle... [with summary in English, p. 61]. Blinova. Probl. gemat. i perel. Ja '60

...ren in splenogenic liver cirrhosis English, p. 62]. A. I. Generalov. ...el. krovi 5 no. 1:26-29 Ja '60.

...ination with omentohepatofixation in hosis of the liver. G. S. Grigor'iants. ..., 1:70-71 Ja '61.

...cute stage of Werlhof's disease in ...mary in English]. N. I. Stepanova. ... 6 no. 4:14-16 Ap '61.

...f hemolytic anemias [with summary V. IA. Braitsev. Probl. gemat. i 1:38-40 Ja '60.

...f various diseases of the hematopoi... summary in English, p. 62]. IA. A. ...Probl. gemat. i perel. krovi 5 no. 1:

...anspleural approach in surgery in ... summary in English, p. 63]. N. I. ...bl. gemat. i perel. krovi 5 no. 1:

SPODUMENE

Reactions of minerals containing rare alkali elements with salts and oxides in sintering and fusion processes. Part 4: Reaction between β-spodumene and potassium sulfate. V. E. Plyushchev. Izv. vys. ucheb. zav.; khim. i khim. tekh. 4 no. 1:116-122 '61.

SPORTS

(see also subdivision under Moscow; Ukraine)

History of the development of sports in Russia during the second half of the 19th century. I. G Chudinov. Teor. i prak. fiz. kul'. 24 no. 6,418-422 '61.

The theory of the bourgeois "sports sociology" is antagonistic to the people. A. A. Frenkin Teor. i prak fiz. kul'. 24 no 6:457-460 '61.

SPORTS—HYGIENIC ASPECTS

Organizing and conducting medical and pedagogical observations of physical exercises and sports. R. E. Motylianskaia. Teor. i prak. fiz. kul'. 23 no. 10:737-748 '60.

Training and improvement of qualifications of specialists in sports medicine in capitalist countries of Europe. V. K. Dobrovol'skii, E. I. Kholodkovskaia. Teor. i prak. fiz. kul'. 23 no. 10:775-779 '60.

SPORTS—PSYCHOLOGICAL ASPECTS

Influence of an imaginary competitive situation on the effectiveness of actions and frequency of pulse in athletes N. R. Bogush, L. I. Valigura. Probl. psikhol. sporta no. 1 219-227 '60.

Internal speech in the formation of the arbitrary actions of athletes R. S. Abel'skain. Probl. psikhol sporta no. 1:36-40 '60.

Method of the educational psychological experiment in sports. IA. I. TSurkovskii Probl. psikhol sporta no 1 241-253 '60

Psychological basis of athletic training V. G. Norakidze Probl. psikhol. sporta no. 1:86-95 '60

Psychological experiments in laboratory studies on the psychology of sport. N. R. Bogush, I M Onishchenko Probl. psikhol. sporta no. 1, 288-301 '60

Psychological investigation of highly trained athletes by means of the contriolograph. IA I TSurkovskii Probl psikhol. sporta no. 1:254-260 '60

Psychological peculiarities of motor skills and their significance in learning and athletic training. P. A. Rudik Probl. psikhol. sporta no. 1, 27-38 '60.

Psychological peculiarities of the influence of emotions on the activity of athletes. O. A Chernikova. Probl psikhol. sporta no. 1:199-212 '60.

Volitional training of athletes. A. TS. Puni. Probl. psikhol. sporta no. 1:148-159 '60.

SPORTS—PSYCHOLOGICAL ASPECTS—CONGRESSES

All-Union Conference on the Psychology of Sport. Probl. psikhol. sporta no. 1:7-26 '60.

SPRAY PAINTING

Lightweight compression device. E. Aberkov. Stroitel' no. 5:9 My '61.

Mechanization of ship painting. Rech. transp. 20 no. 6: 47 Je '61.

Painting apparatus with a plunger pump. V. Gusev. Sel'. stroi. 16 no. 5:26 My '61

SPRAYING AND DUSTING

Our plans. P. I. Bitkov. Zashch. rast. ot vred. i bol. 6 no. 1:41-42 Ja '60.

Reducing the loss of chemicals in airplane dusting. A. V. Funikov. Zashch. rast. ot vred. i bol. 5 no. 1:14-15 Ja '60.

SPRAYING AND DUSTING EQUIPMENT

At the Lvov Agricultural Machinery Plant. V. F. Palii. Zashch. rast. ot vred. i bol. 5 no. 1:16-17 Ja '60.

Machinery for controlling plant pests. S. D. Sheruda. Trakt. i sel'khozmash. 31 no. 7:32-33 Jl '61.

Mechanized pesticide application to soil for the control of scarab larvae in pine plantations. V. E. Ivanitskii, A. G. Treml'. Biul. nauch.-tekh. inform. Ukr. NIILKhA no. 3/4:56-59 '57.

Sprayer for vineyards. V. Kotliar. Tekh. v sel'khoz. 21 no. 6:87-88 Je '61.

SPRINGS see subdivision under Kedabek District; Transbaikalia

SPRINGS (MECHANISM)

Design of intensively compressed compression springs S. D. Ponomarev. Vest. mash. 41 no. 6:11-14 Je '61.

SPRINKLER IRRIGATION see subdivision under United States

SPRINKLERS see subdivision under Armenia

SPRUCE

(see also subdivision under Siberia, Western; White Russia)

Growth of uneven-aged spruce-fir plantations. A. G Shavnin. Izv. vys. ucheb. zav.; les. zhur. 4 no. 2:39-44 '61.

SPRUCE—DISEASES AND PESTS

A new spruce pest from southern Kirghizia (Coleoptera, Curculionidae). M. E. Ter-Minasian. Ent. oboz. 40 no. 2:392 '61.

SPUTNIKS see Artificial satellites

SREDINNYY RANGE—QUARTZITE
Alumina-rich secondary quartzite facies of the Sredinnyy Range in Kamchatka G M. Vlasov, M M Vasilevskii Geokhimiia no. 7 630-633 '61

STABILITY OF SHIPS
Gurdobin, A. A., and M. T. Chashkov. [Improving the stability of ships being re-equipped] Uluchshenie ostoichivosti pereoborudуemykh sudov. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 69 p.
Hydraulic roll stabilizers I' S, Nikerov, Sudostroenie 27 no 6:17-18 Je '61
Method of graphic analysis for determining the necessary ballast and increase in ship stability characteristics, N F Voevodin Sudostroenie 27 no 5,11-11 My '61
Necessity of taking into account the differential metacentric radius in determining the increment of the transverse metacentric height. L, Shapiro. Mor. flot 21 no. 3,9 Mr '61.
Stability of grain-carrying freighters. N, Bronshtein. Mor. flot 21 no. 2 8-10 F '61.
What caused the oblivion of the apparatus for the inspection and regulation of ship loading? V, Vasil'ev. Mor. flot 21 no. 3:40 Mr '61.

STABLES—STANDARDS
Norms and technical specifications in planning structures for horses. Biul. strol. tekh. 18 no. 4:12 Ap '61.

STAINS AND STAINING (MICROSCOPY)
Identification of the pathogens of botulism by means of luminescent sera [with summary in English]. T I. Bulatova E. A. Kabanova Zhur mikrobiol epid i immun 31 no. 3:18-22 Mr '60.
Method for vital staining of tissues in the intact organism. IA I Arkhipa. Pat. fiziol. eksp. terap. 5 no. 3:77-83 My-Je '61.
Method of obtaining and applying fluorescein isocyanate-labeled sera in microbiology [with summary in English] A I Glubokina and others Zhur mikrobiol. epid. i immun. 31 no. 3 3-8 Mr '60.
Rapid method for the in vitro detection of injured and dead cells of Ehrlich's carcinoma [with summary in English] B E. Aizenman, and others Antibiotiki 5 no. 3:97-98 My-Je '60
Silver impregnation using N. I. Odnoralov's method in macro- and microscopic studies of the innervation of the serous membranes. I. N. Chertkova Arkh. anat. gist i embr. 38 no 2:82-83 F '60
Variations of the method of fluorescent sera [with summary in English] I. F. Mikhailov, L. Li Zhur mikrobiol epid i immun 31 no. 3 9-13 Mr '60.

STALINABAD—INFLUENZA
Influenza in Stalinabad in 1960. E. N. Slovokhotova. Zdrav. Tadzh. 8 no. 3:26-30 My-Je '61.

STALINGRAD—BUILDING MATERIALS
Stalingrad's first experience. A. Adamian, G. Sysoev. Na strol. Ros. no. 3:25 D '60.

STALINGRAD—CONSTRUCTION INDUSTRY
A regenerated city. V. Simbertsev. Na strol. Ros. no. 3: 24a-24b Mr '61.
Specialization among enterprises of the Stalingrad Building Elements Trust. G. Leichik. Na strol. Ros. no. 3.18-19 Mr '61.
Stalingrad. G. Luppov. Na strol. Ros. no. 3:37 Mr '61.

STALINGRAD—METALLURGICAL PLANTS
Progressive methods of building an aluminum plant. S IAkubanets, G. Rubtsov. Na strol. Ros. no. 3:11-14 Mr '61.

STALINGRAD—TECHNOLOGY CLUBS
At the Stalingrad Tractor Plant. Voen. znan. 37 no. 7: 21 Jl '61.

STALINGRAD—TRADE UNIONS
A trade-union province committee is staffed with non-salaried personnel. D. Makarov. Agitator no. 7:27 Ap '61.

STALINGRAD PROVINCE—CONSTRUCTION INDUSTRY
The production base is the foundation for prefabrication techniques in construction. A. Andreev. Na strol. Ros. no 3:9-11 Mr '61.

STALINGRAD PROVINCE—FALLOWING
Green fallows preceding winter rye in northwestern Stalingrad Province. F. K. Zaitalov. Dokl. TSKhA no. 60 19-24 '61.

STALINGRAD PROVINCE—GEOLOGY, STRUCTURAL
Forms of tectonic disturbances in Stalingrad Province and their genesis. G. A. Brazhnikov. Biul. MOIP. Otd. geol. 34 no. 5:149-150 S-O '59.

STALINGRAD PROVINCE—OIL WELL DRILLING
Testing exploratory wells by testing layers in the Stalingrad Economic Council. G. D. Sukhonosov. Neft. Khoz. 39 no. 7:58-60 Jl '61.

STALINGRAD RESERVOIR REGION—CARP
Ecology and relative abundance of carp in the lower course of the Volga River in 1957-1959 [with summary in English]. N. A Konstantinova. Zool. zhur 40 no 6 873-881 Je '61

STALINO—DIPHTHERIA
Schicks reaction in Stalino children vaccinated against diphtheria, author's abstract. B. IA Reznik. Zhur. mikrobiol. epid. i immun 31 no 8,142 Ag '60.

STALINO PROVINCE—BAPTISTS
They change their tactics. Z. Kozak Volov. ateist no. 2:13-15 F '61

STALINO PROVINCE—CONSTRUCTION INDUSTRY
Local councils as customers. A. Selezen', Strol. i arkhit. 9 no. 4:36 Ap '61.

STALINO PROVINCE—OTOLARYNGOLOGICAL SOCIETIES
Report on the activity of the Stalino Province Otolaryngological Society for 1959. S. F. Lotnik, V. I. Rodin. Zhur. ush., nos. i gorl. bol. 20 no. 5:87-90 S-O '60.

STALINO PROVINCE—REINFORCED CONCRETE CONSTRUCTION
Reinforced concrete half frames in rural construction. N. Zlut'ev. Sil'. bud. 11 no. 5:22-23 My '61.

STALINO PROVINCE—TILLAGE
Results obtained from investigating the Mal'tsev tillage system in Stalino Province. G P Pedan Zemledelie 23 no 6:30-36 Je '61

STALINSK—BLAST FURNACES
Zherebin, B. N., and others. [Expansion of blast furnace production at the Kuznetsk Metallurgical Combine] Razvitie domennogo proizvodstva na Kuznetskom metallurgicheskom kombinate. Pod obshchei red. B. N. Zherebina. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 361 p.

STALINSK—COKE INDUSTRY
Automation of the benzene scrubbing department at the Stalinsk Coke-Chemical Plant. A. R. Kuz'menkov, P. G. Gus'kov, L. A. Skitalov Mekh i avtom proizv. 15 no. 6:18-20 Je '61

STALINSK—STEEL INDUSTRY
Planning wage funds under conditions of the new bonus system A. Sosul'nikov Sots trud 6 no 5,123-126 My '61.

STAMMERING
Stammering in children. D. N. Entina. Zdrav. Tadzh. 8 no. 3:36-38 My-Je '61.

STANDARDIZATION
"Reference book for industrial-standardization engineers"; published by the French Standardization Association Reviewed by T. V. Truskolinvskaia. Standartizatsiia 25 no. 6:61-63 Je '61.
Standardization at the Moscow Automobile Plant. V. V. Fokin. Standartizatsiia 25 no. 6:48-50 Je '61.
Technical and economic substantiation of the design of standardized objects B.D.Rabinovich Standartizatsiia 25 no 6:3-7 Je '61.

STANDARDIZATION—CONGRESSES
Sessions of the General Assembly and of the Council of the International Standardization Organization. Izm. tekh. no. 7.62 Jl '61.

STANDARDS, ENGINEERING
Changes in government standards. Biul. strol. tekh. 18 no. 4:16-19 Ap '61.
Collected State Standards. Standartizatsiia 25 no. 6: 63-64 Je '61
Including technical specifications for planning, carrying out, and inspecting construction and assembly operations in parts 2 and 3 of "Norms and Specifications in Construction." Biul. strol. tekh. 18 no. 4:15-16 Ap '61.
[Information index of standards.] Inform. ukaz. stand. 22 nos. 3-6 '61.
Instructions for planning the construction of establishments, buildings, and structures in light industry. Biul strol. tekh. 18 no. 4:8-10 Ap '61.
List of current government standards for basic construction materials, parts, equipment and machines used in construction, as of March 1, 1961 (conclusion). Biul. strol. tekh. 18 no. 4:47-3 of cover Ap '61.
Operations plan for work on state standards in 1961. Biul. strol. tekh. 18 no. 4:6-8 Ap '61.
Operations plan of planning organizations concerning the compiling of all-Union norms and technical specifications and instructions for research, planning, and construction in 1961. Biul. strol. tekh. 18 no. 4:3-4 Ap '61.
Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [List of current generally obligatory norms concerning construction planning as of February 1, 1961] Perechen' deistvuiushchikh obshcheobiazatel'nykh normativnykh dokumentov po stroitel'nomu proektirovaniiu po sostoianiiu na 1 fevralia 1961 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 29 p.
Russia (1923- U. S. S. R.) Vsesoiuznyi komitet standartov. [Index of state standards, 1961 (as of January 1, 1961)] Ukazatel' gosudarstvennykh standartov 1960, po sostoianiiu na 1/I 1961 g. Izd. ofitsial'noe. Moskva, 1961. 535 p. (SSSR Gosudarstvennyo standarty)

STANISLAV—THYROID GLAND—DISEASES
Endemic enlargement of the thyroid gland in pupils in Stanislav and ways of controlling it V A Deshko. Ped., akush. i gin. 23 no. 1:17-20 '61.

STANISLAV PROVINCE—JEHOVAH'S WITNESSES
Let the blind see the truth B. Viktorov Volov ateist no. 3 38-41 Mr '61

STAPHYLOCOCCAL INFECTIONS
Data on antienzyme immunity reactions. Antilecithinase as one of the indicators of the immunological reaction of the body in staphyloderma [with summary in English]. S. P. Ivanova. Zhur. mikrobiol epid i immun 31 no 8:19-23 Ag '60
Effect of cortisone on the therapeutic effects of levomycetin in acute experimental infections [with summary in English]. V. A Liashenko. Antibiotiki 5 no. 3:41-44 My-Je '60.
Experience in the prevention of staphylococcal diseases in maternity homes by immunizing pregnant women with staphylococcal toxoid [with summary in English]. B. V. Voskresenskii, A. I. Dmitrieva, Z. I Lebedeva. Zhur. mikrobiol. epid. i immun 32 no. 1,33-39 Ja '61.
Food poisoning of staphylococcal etiology, caused by the addition to food of milk from cows with suppurative diseases of the udder [with summary in English]. G. P. Popov, I. L Pollakova Zhur. mikrobiol. epid i immun 32 no. 2:119-121 F '61.
Studies on the effect of antibiotics individually and in combination on experimental infections in white mice caused by antibiotic-resistant staphylococci [with summary in English] T V Golosova Antibiotiki 5 no. 3: 89-93 My-Je '60.
Study on a possibility of clinical utilization of the synergism between cycloserine and other antibiotics in the treatment of infections caused by staphylococci resistant to penicillin. Report No 2 [with summary in English]. M. Balsh and others. Antibiotiki 5 no. 3:32-35 My-Je '60

STAPHYLOCOCCI
Experimental data on the formation of resistance to antibiotics in pathogenic staphylococci; abstract. K. Kalman. Zhur. mikrobiol epid. i immun 32 no 2:115-116 F '61.

STAPHYLOCOCCUS
Antimicrobial effects of penicillin in suppurative exudate in relation to the viscosity and aeration of the medium. V. N. Solov'ev, V. S Zueva. Antibiotiki 5 no. 3:75-80 My-Je '60.
Biological properties of pathogenic staphylococci isolated from persons employed in a maternity hospital. E. A. Ved'mina, T. V. Golosova, V. A. Shenderovich. Lab. delo 7 no. 7 48-51 Jl '61.
Changes in toxigenic and other properties of Staphylococcus aureus under the influence of antibiotics [with summary in English]. Sy Chahi-dun [Sai Chih-tung]. Antibiotiki 5 no 3:60-64 My-Je '60.
Dynamics of change in the oxidation-reduction potential and pH in media of pure and mixed cultures Report No 2 Changes in the oxidation-reduction potential and pH in media of pure and mixed cultures of Proteus, Staphylococcus aureus and Bacillus pyocyaneus [with summary in English]. M. G. Gimranov. Zhur mikrobiol. epid. i immun. 32 no. 4:92-98 Ap '61.
Effect of sublethal doses of ionizing radiation on the morphological and biological properties of staphylococcus. D. K. Vedibeda Zhur mikrobiol epid i immun 32 no. 4 142-143 Ap '61
Phagepattern of staphylococci isolated during the regular inspection of confectionary factories and in connection with food poisoning [with summary in English]. N. P. Nefed'eva, S. L. Petrovich, L I Petrushina. Vop pit. 20 no. 3:51-55 My-Je '61.

STARCH
Changes in the ascorbic acid and starch of potatoes during their storage. O. K. Biletska. Visnyk sil'. hosp. nauky 4 no. 6.103-111 Je 61.
Combined processing of potatoes to starch and alcohol at the Chernigov Alcohol Trust plants. P. A. Chatskii. Spirt. prom. 27 no. 4:31-33 '61.
Complete processing of potatoes to starch and alcohol. V. M. Zelenskii. Spirt. prom. 27 no. 4:30-31 '61.
One hundred and fiftieth anniversary of Kirkhgof's discovery. I. M. Vol'per. Sakh. prom. 35 no. 6:8-9 Je '61.
Rate of the floating of corn germ as dependent on milk density and clover consistency. B. K. Bychkov. Sakh. prom. 35 no. 6:53-56 Je '61.

STARCH—THERMAL PROPERTIES
Changes in wheat starch undergoing hydrothermal treatment. M. G. Stoliar. Spirt. prom. 27 no. 4:16-19 '61.

STARLINGS see subdivision under Karaganda Province

STARO-KONSTANTINOV—BAGASSE

Our experience in building beet pulp processing stations. I Ostapchuk. Sil'. bud 11 no. 5 12-13 My '61

STAROBIN—POTASSIUM

Efficient utilization of the Starobin potassium deposit. A. N Andreichev Khim. prom no. 6 405-409 Je '61

STARS—CATALOGS

Bykov, M. F. [Absolute catalog of right ascensions of 623 faint stars from FKSZ] Absolutnyi katalog priamykh voskhozhdenii 623 slabykh zvezd iz FKSZ. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, 1961. 162 p.

STARS—CLUSTERS

Letter to the editor. E. A. Dibai, F. A. TSitsin, A. S. Sharov. Astron. zhur. 38 no. 3:566 My-Je '61.

STARS—MAGNITUDES

Photographic and photored stellar magnitudes in the region of the Milky Way with center $\alpha = 18^h50^m, \delta = +5°$ [with summary in English] V. I Voroshylov Dop AN URSR no 5 616-619 '61

STARS—RADIATION

Limits of the applicability of Bouguer's method for determining the intensity of light from a celestial source [with summary in English]. N. I. Kozhevnikov, E. A. Makarova. Astron. zhur. 38 no. 3:536-540 My-Je '61.

STARS—SPECTRA

Variations in the spectrum of χ Ophiuchi [with summary in English]. I. D. Kupo. Astron. zhur. 38 no. 3: 496-506 My-Je '61.

STARS, DOUBLE

Masses of the components of bynary star γ Leonis [with summary in German]. G. V. Ruben. Astron. zhur. 38 no. 3:491-495 My-Je '61.

STARS, NEW

Spectrophotometry of the supernova in NGC 4,496 [with summary in English]. B. A. Vorontsov-Vel'iaminov, M. V. Savel'eva. Astron. zhur. 38 no. 3.555-558 My-Je '61.

STATE, THE

On the further development of Lenin's theory on the socialist state by the Communist Part of the Soviet Union, on the 91st anniversary of V. I Lenin's birthday Kh S. Sulaimanova Obshchestv nauki v Uz. no 4 5-11 '61

STATE ENCOURAGEMENT OF SCIENCE, LITERATURE, AND ART

Word of the party. Novyi mir 37 no. 6:3-7 Je '61.

STATE FARMS

(see also subdivision under Altai Territory; Azerbaijan, Estonia; Kirghizistan, Nikolayev Province, Transbaikalia Tula Province; Virgin Territory)

Agricultural specialization on state livestock farms A. V. Beliaev Dokl TSKhA no 58 167-177 '60

An interesting study of state farms ["The legal status of Soviet state farms" by G A. Aksenenok. Reviewed by S. Baisalov and others]. Sov. gos. i pravo 31 no. 7 143-147 Jl '61.

A large grain factory. Z. Frank. Ekon. sel'khoz. 32 no 6,64-68 Je '61.

Party and government measures in consolidating state farm organization and economy N Pakhomov. Ekon. sel'khoz 32 no. 6:28-34 Je '61

Role of state farms in the agriculture of the U S S R. B. A. Kriniteskii. Dokl. TSKhA no. 58:99-108 '60

Statistical investigation of the various production types of state farms I. D. Belits m... Dokl. TSKhA ... no. 58

STATE FARMS—LAWS AND LEGISLATION

"The legal regulation of work on state farms" by E A Panova Reviewed by M A Nikitin Sov gos i pravo 31 no. 6 132-135 Je '61

STATE FARMS—TECHNOLOGICAL INNOVATIONS see subdivision under Altai Territory

STATISTICAL MECHANICS

Bolotin, V. V. [Statistical methods in structural mechanics] Statisticheskie metody v stroitel'noi mekhanike. Moskva, Gos. izd-vo lit-ry po stroit., arkhit i stroit. materialam, 1961. 201 p.

STATISTICS

Petrov, A. I., ed. [Course in economic statistics] Kurs ekonomicheskoi statistiki. Izd. 3., dop. i perer. Moskva, Gosstatizdat TsSU SSSR, 1961. 507 p.

Statistical problems discussed in newspapers and journals. Vest. stat no 6 76-77 '61

Truthfulness and adherence to principles are above everything Vest stat no. 6 1-8 '61

STATISTICS—CONGRESSES

Conference of the Statistical Administration chiefs of the Union Republics S. K Vest. stat. no 6.78 '61

STAVROPOL TERRITORY—COMMUNIST YOUTH LEAGUE

Don't isolate yourself from youth. A. Gonochenko. Komsom zhizn' no. 23:26-27 D '59.

STAVROPOL TERRITORY—GAS, NATURAL—GEOLOGY

Geological development and oil and gas potentials of eastern Stavropol Territory IA. F. Borodin, M S Burshtar Geol nefti i gaza 5 no 6 11-16 '61

STAVROPOL TERRITORY—PETROLEUM GEOLOGY

Geological development and oil and gas potentials of eastern Stavropol Territory IA F Borodin, M. S. Burshtar Geol nefti i gaza 5 no 6 11-16 '61

STEAM

Ermilov, V. G. [Controlling steam distribution of marine steam engines] Regulirovanie paroraspredeleniia sudovykh parovykh mashin. Izd. 2., dop. i perer. Leningrad, Izd-vo "Morskoi transport," 1961. 202 p.

STEAM BOILERS see Boilers

STEAM BOILERS, MARINE see Boilers, Marine

STEAM POWER PLANTS

Belinskii, S. IA., and V. A. Vedinev. [Thermal sections of electric power plants; heat engineering systems] Teplovaia chast' elektricheskikh stantsii, teploenergeticheskie ustanovki. Pod red. L. I. Kortselli. Moskva, Gos. energ. izd-vo, 1961. 303 p.

Elizarov, P. P. [Operating high-pressure boiler units at electric power plants] Ekspluatatsiia kotel'nykh ustanovok vysokogo davleniia na elektrostantsiiakh. Moskva, Gos. energ. izd-vo, 1961. 399 p.

Principal type of steam turbines for future thermal electric power plants M. P. Chuvilkin. Izv vys. ucheb zav , energ. 4 no. 5 48-56 My '61.

STEAM TURBINES

Principal type of steam turbines for future thermal electric power plants. M P Chuvilkin Izv. vys. ucheb zav , energ. 4 no 5 48-56 My '61.

Zal'f, G. A., and V. V. Zvlagintsev. [Thermal calculations of steam turbines] Teplovoi raschet parovykh turbin. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 290 p.

STEAMBOAT LINES see subdivision under Black Sea

STEEL

...t crumbling on the fatigue strength of ... for scale effect [with summary in Eng... 'chuk. Dop. AN URSR no. 6 727-730 '61.

...uctural changes in the regraphitization ... summary in English]. O. O. Baranov, ...a. Dop. AN URSR no. 4:490-494 '61.

...l amounts of aluminum in steel. E. S. ...utina. Vop. proizv. stali no. 8:96-101 ...

...NESS ...s in steel. L. M. Utevskii. Metalloved. ... no. 6:35-41 Je '61.

...RKING ...e of deformation on the true resistance ... steels by cold working. V. A. Krokha. ...zv. 3 no. 7:6-10 Jl '61.

...V ...ien for testing long-period corrosion ...Gulinev, E. S. Gromova, E. N. Ivanov. ... 6:759 '61

...uctural units of the open-hearth build... ...tive actions of the atmosphere N. P. ...i stroi. 39 no 4,19-27 '61.

STEEL—DEFECTS

Distinguishing types of defects in checking the quality of the outer layers of machine parts by the eddy current method [with summary in English]. A D. IAroshev. Dop AN URSR no 6:731-735 '61.

Reducing the contamination of electrical steel by hair cracks and nonmetallic inclusions. K. K. Prokhorenko and others. Vop. proizv. stali no. 8 55-69 '61.

STEEL—ELECTROMETALLURGY

Efforts for the reduction of steel costs. S. S Zubkov. Metallurg 6 no 7 17-19 Jl '61.

Study of electrical transfer in steels by the method of inert markers [with summary in English] S D Hertzriken and others Ukr. fiz zhur 6 no 1 129-135 Ja-F '61.

STEEL—FATIGUE

Effect of preliminary plastic deformations caused by stretching on the fatigue strength of steel M. IA Gel'perin, B M. Rovinskii, V M Sinaiskii Izv AN SSSR. Otd. tekh. nauk Mekh i mashinostr. no. 3 161-162 My-Je '61.

STEEL—HARDENING

Compression from all sides and the phase hardening of residual austenite P M IUshkevich Metalloved i term. obr. met no. 7,11-14 Jl '61

Diagrams of steel deformation hardened from temperatures Ac_1 - Ac_3. G. I. Pogodin-Alekseev, B. A. Artamonov. Metalloved. i term. obr. met. no. 3.47-51 Mr '61.

Semiautomatic unit for hardening circular discs. N I. Klas, I. I Levites Stan. i instr. 32 no 6:33-34 Je '61

STEEL—HEAT TREATMENT

Effect of preliminary chemical and heat treatment of iron and steel on their interaction with liquid zinc. D. IA. Gluskin, Metalloved. i term. obr. met. no. 3.35-40 Mr '61.

Heat treatment of steel products in an exothermal atmosphere with a high carbon potential. N. P. Petrov, I T Troshkin Metalloved. i term. obr. met. no. 6.18-21 Je '61

Kinetics of the heating of steel products in fused salts. E. A. Smol'nikov. Metalloved. i term obr. met. no. 6 7-13 Je '61

Normalizing by elastic current pulses. A. D. Assonov. Metalloved. i term. obr. met. no. 7:58 Jl '61.

STEEL—HYDROGEN CONTENT

Kinetics of the passage of hydrogen in the gaseous phase through slag into the metal. G. S. Ershov, K. I Kurochkin, P. V Umrikhin Izv. vys. ucheb. zav. , chern. met. 4 no. 6:34-41 '61.

STEEL—METALLOGRAPHY

Effect of flakiness on the properties of carbon steel [with summary in English]. M. A. Balter, N. M Grinberg. Stal' 21 no 3 271-274 Mr '61

Effect of manganese on the phase constitution of electrical silicon steels. N F. Dubrov, M I Gol'dshtein S G Guterman. Fiz. met. i metalloved 11 no 6 919-922 Je '61.

Effect of the austenite grain size on the plasticity of 9KhG steel. G. M. Belkov, N T Litenko. Metalloved. i term. obr. met. no. 6:21-24 Je '61.

Heterogeneity of austenite in arc fusion welding of pearlitic steel. M. Kh. Shorshorov, B. A. Smirnov. Svar. proizv. no. 6:1-5 Je '61.

Investigating the decomposition of nonhomogeneous martensite obtained during hardening from a quick heating I N Kidin, A N Marshukin Izv vys ucheb. zav , chern. met. 4 no. 5 147-152 '61.

Making steel with a prescribed phase constitution P. P. Bidulia, S. A. Iodkovskii, N. N. Sashchikhin. Lit. proizv. no. 6:1-4 Je '61.

Redistribution of carbon during intermediate transformations of austenite. R. I. Entin, I. I. Kogan Metalloved. i term obr. met. no. 7:7-11 Jl '61

Structure of steel made of cuttings. I. N. Goncharov, K M Stroeva. Metalloved. i term. obr. met. no. 6:46-49 Je '61.

Transformations during heating. N. N. Lipchin. Metalloved i term. obr. met. no. 6:41-46 Je '61.

Transformations during steel heating. V. G. Gorbach, B. K. Sokolov Metalloved. i term. obr. met. no. 5 42-44 Je '61.

Transformations of residual austenite in steels undergoing cementation. S. N. Krasotskaia. Metalloved. i term. obr. met. no. 3:42-46 Mr '61.

STEEL—METALLURGY

Control of a slag-granulating unit. P. I. Akinin, IA P. Gindis. Mekh. i avtom. proizv. 15 no. 6:17-18 Je '61

Effect of the deoxidation method of M16C steel on its plasticity in the hot state and its impact toughness. S. F. Karp, V. P. Grechko. Vop. proizv. stali no. 8: 48-54 '61.

Electric slag remelting of steel [with summary in English]. A F. Tregubenko, V. G Speranskii, S. A. Leibenzon Stal' 21 no. 3 233-236 Mr '61.

Improving the technology of ball-bearing steel production I. A Baranov, G. N. Oike, I. I. Ansheles. Izv vys ucheb. zav., chern. met 4 no. 5 50-57 '61.

STEEL – METALLURGY (Continued)

Investigating the converter blowing of high phosphorous cast iron. V. G. Fedorovich. Vop. proizv. stali no. 8 34-36 '61.

Mikhailov, O. A. [Mathematical statistics and linear programming in ferrous metallurgy] Matematicheskaia statistika i lineinoe programmirovanie v chernoi metallurgii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 159 p

Refining cast iron and steel outside the furnace V. F. Surov, O. V. Travin, L. A. Shvartsman Izv. vys. ucheb. zav., chern. met 4 no. 5 17-49 '61.

Shalimova, N. I. [From ore to rolled stock] Ot rudy do prokata. Moskva, Izd-vo "Znanie," 1960. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Politekhnicheskaia bibliotechka dlia molodezhi)

Slag conditions in the scrap process of steel smelting. K. K. Prokhorenko and others. Vop. proizv. stali no. 8: 78-87 '61.

Strength of steel and the addition-alloy problem. A. P. Gulaev Metalloved. i term. obr. met. no. 7:23-28 Jl '61.

Surface reaction and boiling of the metal bath during decarburization M. G. Krasheninnikov, S. I. Filippov. Izv. vys. ucheb. zav., chern. met 4 no. 5 17-27 '61

Use of high ferroaluminum for the deoxidation of killed steel [with summary in English]. I. N. Lad'ianov. Stal' 21 no. 3 222-225 Mr '61

STEEL—QUENCHING

Hardenability of steel in isothermal quenching. E. K. Kovshikov, F. N. Tavadze. Metalloved. i term. obr. met no. 6: 5-7 Je '61

STEEL—SPECTRA

Leningradskii dom nauchno-tekhnicheskoi propagandy. [Spectral analysis of steels with an alternating-current arc] Spektral'nyi analiz stalei s dugoi peremennogo toka. Leningrad, 1952. 3 p. (Informatsionno-tekhnicheskii listok, no. 101(442))

STEEL—TESTING

Effect of repeated impacts on the resistance of steel to minor plastic deformations S. V. Tolkachnik Izv. vys. uchеb. zav., mashinostr. no 4:101-107 '61

Long-duration strength of some steels in the testing of tubular specimens under internal pressure of hydrogen at high temperatures L. A. Glikman and others Khim. sera i azotorg. soed. v nefti i nefteprod. 3:439-450 '60.

Mechanical properties at room temperature of Armco iron and some steels saturated by hydrogen at high temperatures L. A. Glikman and others Khim. sera i azotorg. soed. v nefti. i nefteprod. 3:431-438 '60

Plasticity of carbon steels, V. N. Peretiat'ko, M. A. Zaikov Izv. vys. ucheb. zav., chern. met 4 no. 6:67-74 '61.

Refinement of the equation on relaxation of stresses. L. P. Nikitina. Zav. lab. 27 no. 6 730-733 '61

STEEL—THERMAL PROPERTIES

Using the method of two points in determining heat conductivity of steels at high temperatures D. V. Budrin, E. L. Sukhanov. Izv. vys. ucheb. zav., prib. 4 no. 3: 130-134 '61

STEEL—WELDING

Durable strength of welds joining austenite steels on one hand with pearlite and chromium steels on the other. V. N. Zemzin. Svar. proizv. no. 7:1-6 Jl '61.

Effect of heat treatment and long heating on ferrite-austenite joints. I. A. Zaks Svar. proizv. no. 7 6-9 Jl '61.

Heterogeneity of austenite in the fusion welding of pearlitic steel. M. Kh. Shorshorov, B. A. Smirnov. Svar. proizv. no. 6:1-5 Je '61.

STEEL, HEAT RESISTANT—HEAT TREATMENT

Conditions of heat treatment for Kh9C2 heat-resistant steel M. A. Tylkin. Izv. vys. ucheb. zav.; chern. met 4 no. 5 173-176 '61

STEEL, HEAT-RESISTANT—WELDING

Effect of rolling on the properties of weld joints in SN-type heat-resistant steels. A. V. Petrov, M. M. Shtrikman. Svar. proizv. no. 7:10-13 Jl '61.

STEEL, STRUCTURAL

Investigating the plasticity of structural materials at high rates of deformation. V. G. Kononenko, S. G. Kushnarenko, V. G. Chizhov. Kuz.-shtam. proizv. 3 no. 7:4-6 Jl '61.

Precision in preparing and assembling steel elements B. J. Bellaev. Prom. stroi. 39 no. 4, 41-46 '61

STEEL, STRUCTURAL—TESTING

Effect of niobium on types of fracture in alloyed structural steel. M. P. Braun, B. B. Vinokur, A. I. Kondrashev. Izv. vys. ucheb. zav.; chern. met. 4 no. 6: 119-125 '61.

STEEL ALLOYS

Khomutov, A. I. [Steel alloys and iron alloys] Legirovannye stali i splavy. Moskva, Izd-vo "Znanie," 1961. 46 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 4, Tekhnika, no. 10)

STEEL ALLOYS—METALLOGRAPHY

Carbide coagulation in martensite crystals. N. A. Golovan'. Metalloved. i term. obr. met. no. 3:22-24 Mr '61.

New structural component in Fe-C-Si alloys. I. A. N. Malinochka, N. G. Osada, G. Z. Koval'chuk. Metalloved. i term. obr. met no. 7, 15-20 Jl '61

Structure of oxidation films and the scale resistance of pearlitic steel depending on alloy additions. S. A. Iuganova, Iu. G. Sorokina Metalloved. i term. obr. met no. 6. 53-56 Je '61.

STEEL ALLOYS—SPECTRA

Leningradskii dom nauchno-tekhnicheskoi propagandy. [Method of parallel curves and a system of standards in the analysis of alloyed steels] Metod parallel'nogo grafika i sistema etalonov pri analize legirovannykh stalei. Leningrad, 1952. 11 p. (Informatsionno-tekhnicheskii listok, no. 71(412))

STEEL-ALUMINUM ALLOYS—METALLOGRAPHY

Effect of the composition of chromium-aluminum steels on the extent of their spotty segregation [with summary in English] A. T. Pereviazko, N. M. Chukov. Stal' 21 no. 3 267-271 Mr '61

Effect of the technology of smelting, vacuum treatment, and pouring of chromium-aluminum steel on the presence of spotty segregation. A. T. Pereviazko, N. M. Chuiko, Izv. vys. ucheb. zav., chern. met. 4 no. 6, 12-52 '61.

STEEL BARS

Designing eccentrically compressed monosymmetric bars for rigidity. Iu. N. Aleshinskii. Stroi. mekh. i rasch. soor. 3 no. 3, 24-30 '61.

STEEL CASTINGS

Certain properties of cast graphitized steel. A. P. Serbin, N. I. Blinov. Lit. proizv. no. 3 24-26 Mr '61.

Continuous steel flow. A. Charnyi. Izobr. i rats. no. 6: 4-5 Je '61.

Macrostructure of hollow steel centrifugal castings. K. U. Tsvetenko. Lit. proizv. no. 6 35-37 Je '61.

STEEL FORGINGS

Making sectional disk forgings of stainless steel. S. A. Skorodumov Kuz.-shtam. proizv. 3 no. 7:1-3 Jl '61.

STEEL INDUSTRY

(see also subdivision under Elektrostal'; Stalinsk; Zhdanov)

A competition in skills V. Podzorenko Sov. profsoiuzy 17 no. 12, 5-6 Je '61

Kheinman, S. A. [Production organization and labor productivity in the U. S. S. R. industry, based on machinery manufacturing and ferrous metallurgy] Organizatsiia proizvodstva i proizvoditel'nost' truda v promyshlennosti SSSR; na primere mashinostroeniia i chernoi metallurgii. Pod obshchei red. K. I. Klimenko. Moskva, Gos. izd-vo planovo-ekon. lit-ry, 1961. 225 p.

Methodology for calculating the increase of workers' productivity in the railroad workshops of metallurgical plants taking the expansion of production into consideration. B. Dorfman, L. Parvishenko. Biul. nauch. inform., trud i zar. plata 4 no. 6: 20-25 '61.

Sheftel', N. I. [Recent developments in ferrous metallurgical factories] Novoe na zavodakh chernoi metallurgii. Moskva, Izd-vo "Znanie," 1961. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 4, Tekhnika, no. 9)

STEEL INDUSTRY—COSTS see subdivision under Dnepropetrovsk Province

STEEL INDUSTRY—PRODUCTION STANDARDS see subdivision under Saratov Province

STEEL INDUSTRY—QUALITY CONTROL see subdivision under Moscow Province; Novosibirsk

STEEL INDUSTRY—TECHNOLOGICAL INNOVATIONS

Introducing new equipment in ferrous metallurgy. F. G. Kostenko. Biul. tekh.-ekon. inform. no. 5 3-6 '61.

STEEL INGOTS

Arsenic distribution in rimmed steel ingots. L. M. Efimov, V. I. IAkushin. Izv. vys. ucheb. zav.; chern. met. 4 no. 5: 68-74 '61.

Denitrification of liquid steel by titanium in industrial conditions Iu. G. Gurevich. Izv. vys. ucheb. zav., chern. met. 4 no. 5 58-67 '61.

Feeding of hot ingots into soaking pits. V. M. Sobolev. Stal' 21 no. 3 230-235 Mr '61.

Floating risерheads with ceramic rings. B. I. Panich, V. I. Khmirov, D. P. Ul'ianov. Stal' 21 no. 3 225-227 Mr '61.

STEEL INGOTS—DEFECTS

Distribution of nonmetallic inclusions in ball-bearing steel ingots. K. K. Prokhorenko, N. IA. Ishchuk, N. E. Vasil'ev. Vop. proizv. stali no. 8: 70-77 '61.

Effect of the welding up of flakes on the mechanical properties of steel. D. IA. Povolotskii, L. D. Kossovskii. Izv. vys. ucheb. zav.; chern. met. 4 no. 6: 129-133 '61.

Formation of flakes in steel during the time of its inspection for flakes E. S. Tovpeneta, S. Z. IUdovich Izv. vys. ucheb. zav.; chern. met. 4 no. 6: 134-138 '61

Pouring high-alloy types of steel under flux. V. P. Osipov, I. V. Lisov, N. F. Nakonechnyi. Vop. proizv. stali no. 8 88-95 '61.

Reasons for the bulging of ingots and slabs [with summary in English] I. P. Zabaluev, E. I. Moshkevich. Stal' 21 no. 3 249-251 Mr '61.

STEELWORKS see subdivision under Magnitogorsk, Nizhniy Tagil

STELE (ARCHAEOLOGY) see subdivision under Zavetnoye (Crimea)

STENDHAL, pseud. see Beyle, Marie Henri, 1783-1842

STEPNOY DISTRICT—KERATOPHYRES

Age of quartz keratophyres in the Sakmar zone of the southern Urals B. M. Rudenko Vest. AN Kazakh SSR 17 no. 5 56-63 My '61

STEPPE FAUNA

The degree of resistance to water deficiency in some murine rodents of the steppe zone [with summary in English]. A. L. German Zool. zhur. 40 no. 6: 914-921 Je '61

STEPPE FLORA see subdivision under Central Black Earth region

STEPPES

(see also subdivision under Khakass Autonomous Province; Transbaikalia)

Steppe as a biogeocoenotic concept. G. L. Dokhman. Soob. Lab. lesoved. AN SSSR no. 4:3-16 '61.

STEREOTYPING

Means of fastening the printing plates in the stereotype. F. I. Gut. Poligr. proizv no. 5: 22 My '61

STEREOTYPING—EQUIPMENT AND SUPPLIES

Improving the brass cutting machine V. F. Gladysheva Poligr. proizv no. 5 23 My '61.

STERIC HINDRANCE

Steric hindrance in Merchutkin's reactions. M. G. Gonikberg, B. S. El'ianov. Dokl. AN SSSR 138 no. 5: 1103-1106 Je '61.

STERILITY IN PLANTS

Cytological data on male sterility in corn. E. I. Ustinova. TSitologiia 3 no. 3: 266-271 My-Je '61

STERLITAMAK—FLOUR MILLS

At the Sterlitamak Grain Milling Combine. G. Baibulin. Muk.-elev. prom. 27 no. 5: 9-10 My '61.

STERLITAMAK—GEOLOGICAL SURVEYS

Advanced geological survey office N. N. Andreev, M. Kh. Salikhov. Bezop. truda v prom. 5 no. 6, 31-32 Je '61

STEROIDS

Synthesis of $\Delta^{4,6}$-D-homoestra-14ξ-dienol--3, 17a-dione. N. N. Gaidamovich, I. V. Torgov. Izv. AN SSSR, Otd. khim. nauk no. 6, 1162 Je '61.

STILBESTROL—PHYSIOLOGICAL EFFECT

Effect of diethylstilbestrol on certain morphological and biochemical changes in the blood of cattle IU. N. Shamberev. Dokl. TSKhA no. 61: 65-70 '61.

STOCK AND STOCKBREEDING

(see also subdivision under Erkenshilikskiy District; Isil'kil' District; Kalinin Province, Kazakhstan; Kostroma Province; North Kazakhstan Province; Virgin Territory; West Kazakhstan Province)

Agricultural specialization on state livestock farms A. V. Beliaev Dokl. TSKhA no. 58: 167-177 '60

Conference on biological principles in improving the meat qualities of farm animals. V. Loshchenko. Visnyk sil'hosp. nauky 4 no. 7 123-124 Jl '61.

In the Stockbreeding Section of the Ukrainian Academy of Agricultural Sciences. Visnyk sil'hosp. nauky 4 no. 5 124 My '61.

Khmel'noi, I. G. [Outstanding people in livestock raising] Maiaki v zhivotnovodstve. Moskva, Izd-vo "Znanie" Vses. ob-va po raspr. polit. i nauchn. znanii, 1961. 39 p. (Narodnyi universitet kul'tury, no. 4)

Kravchuk, A. T., comp. [Mechanizer came to the farm] Mekhanizator prishel na fermu; sbornik statei. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1961. 116 p. (DA)

Possibilities for using high-frequency electric motors on livestock farms. IU. I. Kramorov, IU. A. Sementak. Mekh. i elek. sots. sel'khoz 19 no. 3: 46-48 '61.

Problems pertaining to the breeding of farm animals. B. Popov. Vest. sel'khoz. nauki 6 no. 6: 151-152 Ja '61.

Rostovtsev, N. F. [The most important thing in stockbreeding] Glavnoe v zhivotnovodstve. Moskva, Izd-vo "Znanie," 1961. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 5, Sel'skoe khoziaistvo, no. 9)

To increase the meat production is one of our immediate tasks. I. H. Zorin. Visnyk sil'hosp. nauky 4 no. 7: 3-10 Jl '61.

STOCK AND STOCKBREEDING—ACCOUNTING see subdivision under Zhitomir Province

STOCK AND STOCKBREEDING—COSTS
(see also subdivision under Siberia)

Analyzing variations in the cost of livestock products in various zones of the U S S R S S Sergeev Dokl TSKhA no. 58 43-72 '60

STOMACH

Effect of food stimulation on the cholinolytic activity of the gastric mucosa I A P Sklinrov, I N Karpenko Fiziol. zhur 47 no 1:472-474 Ap '61

Gastric changes following vagotomy. V A Titkova Arkh pat 23 no 4 49-54 '61

In the departments of the Turkmen Medical Institute Zdrav Turk. 5 no 1 48 Ja-F '61

Mechanism of functional disorders of the stomach in acute experimental gastritis [with summary in English] N. N. Lebedev. Pat. fiziol i eksp. terap. 5 no 1 56-61 Ja-F '61.

New method for simultaneous registration of gastric tonus, motor activities, and evacuation in studying the influence of food temperature [with summary in English] IU K Vasilenko. Vop pit 20 no. 2:28-35 Mr-Ap '61.

STOMACH—DISEASES

Prolapse of the mucosa of the antral section of the stomach into the duodenal bulb I V Shved, V V Slesarev Zdrav. Turk 5 no 1:28-30 Ja-F '61

STOMACH—SECRETIONS

Effect of carbocholine on gastric secretion. A. IA. Marinova. Uch. zap. Omsk. gos. ped. inst. no. 12:85-114 '59

Role of the stomach in nitrogen metabolism in eczema patients [with summary in French] I IA. Shakhmeister. Sbor nauch rab po lepr i derm no 13:87-90 '59.

STOMACH—SURGERY

Disorders in the evacuatory function of the stump of the stomach following resection. M. P. Postolov. Med. zhur. Uzb. no. 1 13-15 Ja '61.

Simplified stomach resection with preservation of the secretory function of the hepato-pancreatic-duodenal system. M. I. Petrushinskii. Med. zhur. Uzb. no. 1. 15-20 Ja '61.

Two cases of agastric anemia. E. IA. Severova. Sov. med. 25 no. 5 143-145 My '61.

STOMACH—WOUNDS AND INJURIES

Closing of a penetrating defect of the stomach wall with an autotransplant following combined radiation injury under experimental conditions N V Stankevich Zdrav Bel 7 no 5 26-30 My '61

STONE, CAST

Diabase and amphibolite stone casting V. V Vagin, B I. Pirogov Gor zhur no 4:61-63 Ap '60

STONE, CRUSHED

Fedeiev, A. S. [Basic considerations in quarrying rocks, gravel, and sand] Osnovnye raschety pri otkrytoi razrabotke nerudnykh stroitel'nykh materialov. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960, 171 p.

Mechanized quarry in Rovno. D. D. Eshchenko. Stroi. i arkhit. Len. 23 no. 6:12-15 Je '61.

STONE AGE
(see also subdivision under Bystrytsa Valley; Mingechaur; Selenga Valley; Transbaikalia, Tung-Pei, Ulan-Ude)

Significance of women's images of the Paleolithic Period S A Tokarev Sov. arkheol 5 no 2:12-20 '61

STONE FRUIT—VARIETIES see subdivision under

under Nizhniy

Extend the mechanization of stonecutting. G. S. Iablonovskii. Bezop. truda v prom. 5 no. 6:13-14 Je '61.

Modernizing the SM-88A stonecutting machine. S. Avetisov. Prom. Arm. 4 no. 3:28-30 Mr '61.

New disks for stonecutting machines for quarrying tufa. I Ter-Azar'ev, K. Vardanian. Prom. Arm. 4 no. 1: 31-36 Ja '61.

STONY TUNGUSKA RIVER see Podkamennaya Tunguska

STORAGE BATTERIES

Charging station for storage batteries. P. U. Veretel'nikov Elek i tepl tiaga 5 no 4:14-16 Ap '61

Evin, G. D. [Mechanization of the repair of caustic storage batteries] Mekhanizatsiia remonta vagonnykh shchelochnykh akkumuliatorov. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 32 p.

STORES, RETAIL

Good experience in organizing business. Z. S. Akopova. Gor. khoz. Mosk. 35 no. 5:40a-40b My 61.

Industrial construction of rural stores. Sel'. stroi. 16 no. 4:31 Ap '61.

STORKS

Abundance of the white stork in the U. S. S. R. M. I. Lebedeva Ornitologiia no. 4 113-119 '60

STORMS see subdivision under Kudymkar region

STOVES, GAS—SAFETY APPLIANCES

Infrared injection burners. V. Skvortsev. Pozh. delo 7 no 6 25 Je '61.

STOWE, HARRIET ELIZABETH (BEECHER), 1811-1896

Beecher Stowe A Brushtein V mire knig 1 no 6:31-32 Je '61

Exposer of slavery and racism. S. Kogan. Nar. obr. no 7:96-97 Jl '61

STRABISMUS

Origin of concomitant strabismus R E. Vodneva Zdrav Bel 7 no 5 39-40 My '61

STRAIN GAUGES

Allapyshev, V. G. [Multiple-spot strain measuring of cyclodynamic processes] Opyt mnogotochechnogo tenzometrirovaniia tsiklodinamicheskikh protsessov. Leningrad, 1960. 16 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia. Elektricheskie metody obrabotki metallov, no. 7)

Electrodynamic flexure meter G. S. Rodov. Izm. tekh. no 7 19-20 Jl '61.

Device for measuring the tension of a strip on continuous section mills. V N. Vydrin, P N Amosov. Izm. tekh no 7.9 Jl '61.

Measuring stresses in rock massifs V. I. Nikolin. Trudy Gor.-geol. inst. Ufan SSSR no 54 43-50 '60.

Piatnitskii, A. A. [Introduction to the theory and practice of strain measurement] Vvedenie v teoriiu i praktiku tenzometrirovaniia. Novocherkassk, Redaktsionno-izdatel'skii otdel NPI, 1960. 72 p.

Portable device for gluing on and drying of wire strain gauges. V IU Chudnovskii, V N Trudov. Zav lab 27 no. 6 760 '61

Unit for dynamic testing of pressure pickups. A. P. Pleshko, V. V Perfil'ev. Izm tekh no. 7:17-19 Jl '61

STRAINS AND STRESSES

Calculating fitting stresses around holes in elastic media. A G. Ugodchikov. Inzh. sbor. 31:80-85 '61.

Calculating stresses in spherical and near spherical solids V N Ionov. Izv. vys. ucheb. zav., mashinostr. no. 4 90-100 '61.

Calculation of equivalent stresses on the parts of a hoisting mechanism. V. A. Avakov Neft khoz. 39 no. 7 19-24 Jl '61.

Computing the stresses in shallow convex shells with double constant curvature using a rectangular plane. V. N. Baikov. Stroi. mekh. i rasch. soor. 3 no. 3:7-12 '61.

Creep in duralumin under conditions of a complex state of stress. V. S. Namestnikov. PMTF no. 2:157-162 Jl-Ag '60.

Design principles for high-pressure apparatus. Principle of radial stress reduction. D. S. Mirinskii. PMTF no. 2: 165-168 Jl-Ag '60.

Determination of residual stresses by the method of transparent optically sensitive layers. N. I. Prigorovskii, P. T. Bogdyl'. Zav. lab 27 no. 6:721-724 '61.

Investigating contact stresses in the rolls of a multiple-roll mill IU. D Zheleznov, V P Polukhin. Izv. vys. ucheb. zav., chern met. 4 no 5 85-97 '61.

Mean flexure of a flat spherical panel, square in its plane, in the case of nonlinear dependence between deformation and stress. Kh M. Mushtari, R. G. Surkin. PMTF no. 2: 162-165 Jl-Ag '60.

Radial stresses and displacements of points of the [illegible] nal wheel center of a crane caused by press fitting the shaft. V I. Kotov Trudy Ural. politekh. no. 104 96-104 '61.

Refinement of the equation on relaxation of stresses. L. P. Nikitina Zav. lab. 27 no. 6:736-738 '61.

Residual stresses in castings and ways to reduce them. O. IU. Kotsiubinskii. Lit. proizv. no 6:32-35 Je '61.

Tarabasov, N. D. [Calculating wringing fits in the manufacture of machinery] Raschety napriazhennykh posadok v mashinostroenii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 266 p.

Testing for creep and relaxation under tensile stress applied until rupture occurs. L. IA. Liberman, N. V. Volkova. Zav lab. 27 no. 6:724-726 '61.

STRAINS AND STRESSES—TESTING

Methods of extrapolating the results of relaxation testings. IA. S Gintsburg Izv. vys. ucheb. zav.; chern. met 4 no. 5 132-139 '61.

STRAW

Remove straw from fields in time. V. T. Boiko. Mekh. sil'. hosp. 12 no. 7:8-12 Jl '61.

STRAWBERRIES
(see also subdivision under Moldavia)

Characteristics of changeability in the chemical composition of strawberries. A. G. Reznichenko. Dokl. TSKhA no. 59:17-24 '60.

STREAM MEASUREMENTS

Field apparatus for measuring the concentration increase of substances dissolved in the stream in water discharge measurements by the method of mixing V. P. Starikovskii Trudy Inst. energ. AN BSSR no 12:232-240 '60

Measuring water discharges by the method of mixing in case of inadequate mixing of water masses. V. P. Starikovskii. Trudy Inst. energ. AN BSSR no. 12-220-231 '60.

STREET LIGHTING

Calculation of the reflecting properties of asphalt street pavements. M. A. Ostrovskii. Svetotekhnika 7 no. 5 1-5 My '61.

STREET RAILWAYS see subdivision under Leningrad

STREETCARS—MAINTENANCE AND REPAIR see subdivision under Kharkov

STRELA COMPUTER

Program for the adjustment of small triangulation networks on the Strela electronic computer V A Bo[illegible] a Geod i kart. no. 5:14-21 My '61

STRENGTH OF MATERIALS

Comments on D. D. Ivlev's article. A. M. Zhukov. Inzh. sbor. 31:254-259 '61

Griaznov, I. M., and others. [Laboratory manual on the strength of materials and on deformations] Laboratornyi praktikum po soprotivleniiu materialov, deformirovaniiu. Pod obshchei red. P. M. Ogibalova i I. A. Skorogo. [Moskva] Izd-vo Mosk. univ., 1961. 199 p.

Levshin, V. A. [Strength of materials] Soprotivlenie materialov. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 475 p.

Movnin, M. S., and A. N. Mitinskii. [Technical mechanics strenght of materials, theory of mechanisms and machines. Machine parts] Tekhnicheskaia mekhanika; soprotivlenie materialov, teoriia mekhanizmov i mashin. Detali mashin. Izd. 2., perer. Moskva, Goslesbumizdat, 1961. 781 p.

Possible generalization of Mohr's and Hübel-Mises-Hencky's theories on the strength of materials M M Filonenko-Borodich. Inzh. sbor. 31:15-24 '61.

Raising the strength of thin glass. I. A. Bogusiavskii, F. F. Vitman, V P. Pukh Dokl AN SSSR 138 no. 5. 1062-1065 Je '61.

Studies of the problem "Scientific principles of strength and plasticity" by the institutes of the Academy of Sciences of the Ukrainian S S R. in 1960 O M Ivan'kov Prykl. mekh. 7 no. 3, 340-345 '61

STREPTOCOCCUS

Biological characteristics of streptococcal bacteriophages [with summary in English] A. A Totolian Mikrobiologiia 30 no 2, 261-266 Mr-Ap '61

Data for the study of biological properties of streptococcal hyaluronidase. Report No 1 Effect of streptococcal hyaluronidase on the processes of the absorption of various antigens [with summary in English] V IA Fel' Zhur. mikrobiol epid i immun 32 no 4 61-63 Ap '61

Streptococcal antigens in the blood of patients with rheumatic fever [with summary in English] A. M Khovanova. Zhur. mikrobiol. epid i immun 31 no. 3 114-119 Mr '60.

Study of streptococcal bacteriophages. Adsorption capacity of bacteriophages [with summary in English] A. A. Totolian. Zhur mikrobiol epid i immun 32 no. 4 68-72 Ap '61.

STREPTOMYCES

Cytological investigation on the development of the producer of chlortetracycline in media containing sources of carbohydrate nutrition [with summary in English]. L. N. Kats. Antibiotiki 5 no. 3:29-32 My-Je '61

Recombination of Actinomyces aureofaciens [with summary in English]. S I. Alikhanian, L N Borisova Mikrobiologiia 30 no. 2 214-220 Mr-Ap '61

Strain of the producer of oleandomycin [with summary in English]. S. I. Alikhanian, K. P. Garina Antibiotiki 5 no. 3:14-17 My-Je '60.

Use of actinophage in the identification and directed study of some producers of polyene antibiotics [with summary in English]. V. D. Kuznetsov. Antibiotiki 5 no 3:25-32 My-Je '60.

STREPTOMYCIN

Changes in toxigenic and other properties of staphylococcus aureus under the influence of antibiotics [with summary in English]. Sy Chzhi-dun [Sai Chih-tung]. Antibiotiki 5 no. 3:80-84 My-Je '60.

Combined use of bicillin, dihydrostreptomycin, and oxytetracycline in the treatment of acute radiation sickness [with summary in English]. M. IA Chalkovskaia, G. E. Vaisberg. Antibiotiki 5 no. 3:36-38 My-Je '60.

Treatment of pulmonary tuberculosis by intratracheobronchial administration of streptomycin. G. Y. Pugardopulo. Zhur. ush., nos. i gorl. bol. 20 no. 5:71 S-O '60.

Use of dry streptomycin aerosols in area prophylaxis in experimental plague [with summary in English] L. N. Makarovskaia. Antibiotiki 5 no 3:38-41 My-Je '60

STRESEMANN, ERWIN, 1889-
Erwin Stresemann; on his 70th birthday. G P Dement'ev Ornitologiia no 3:479-481 '60

STRIKES and LOCKOUTS see subdivision under Leningrad United States

STRIKES AND LOCKOUTS—MINERAL INDUSTRIES see subdivision under Kassa

STRING QUARTETS
Raaben, L. N. [Problems in quartet performance] Voprosy kvartetnogo ispolnitel'stva. Izd. 2. Moskva, Gos. muzykal'noe izd-vo, 1960. 106 p. (V pomoshch' pedagogu-muzykantu)

STRINGED INSTRUMENTS, BOWED—CONSTRUCTION
Podgornyi, T. F. [From the notes of a master workman] Iz zapisok mastera. Pod red. I. M. IAmpol'skogo. Moskva, Gos. muzykal'noe izd-vo, 1960. 81 p.

STRIP MINING
(see also subdivision under Agarak; Kadzharan; Kazakhstan)
Area of practical use of inclined holes for charges reduced in diameter diameter for blasting work in open-pit mines. A. T. Gallmullin. Izv vys ucheb. zav ; gor. zhur no. 4:85-91 '61
Determination of the maximum dimensions of excavator-worked open-pit mines with top loading. M. I. Lugovkina. Shakht. stroi. 5 no. 8 15-19 Je '61
Estimating the amount of oversized ore during blasting in open-pit mines G IA Votovikov. Izv vys ucheb. zav ; gor. zhur no 4:81-84 '61
Hoisting of rock in deep strip mines using combined transportation systems L G Tymovskii, A M. Faktorovich, IU A Perten. Gor zhur, no 5:17-20 My '61.
Kuleshov, N. A. [Open-pit mining] Otkrytye gornye raboty. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 327 p.
Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. [Operation of open-pit transportation] Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 159 p.
Novozhilov, M. G. [Open-pit mining] Otkrytye gornye raboty. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 474 p.
Open-pit mining without excavators. O. Vereshchagin-IAnko Sel'. stroi. 16 no 5:17 My '61.
Operation of 8m³ excavators in open pit mines. N. I. Smirnov, F. G. Doronenko. Trudy Inst. gor. dela AN Kazakh. SSR 7:76-82 '60.
Using bores with a diameter of 100 mm. for blasting operations in open-pit mining. A P. Averchenkov, M. I Onoiskii. Stroi. mat. 7 no. 5:20-22 My '61.

STRIP MINING—COLD WEATHER CONDITIONS
System of open-pit mining of wet mari. I. M. Sidochenko, N. S Zavgorodnii. Gor. zhur no. 5:20-22 My '61

STRIP MINING—SAFETY MEASURES
Preventing the collapse of benches during rotary excavator operations. G. M. Baskov. Gor. zhur. no. 6:12-14 Je '61.

STRONTIUM—ISOTOPES
Accumulation of the radioisotopes of strontium (89-90) and ytirium(90) in mirror carp M M. Telitchenko Ryb khoz 37 no. 5 40-43 '61.
Sorption of microquantities of strontium-90 by ferric hydroxide in the presence of alkaline earth metals. V. V. Pushkarev and others. Izv. vys. ucheb. zav. ;khim. i khim. tekh. 4 no. 1:60-63 '61.

STRONTIUM—PHYSIOLOGICAL EFFECT
Effect of strontium on cobalt, copper, calcium, phosphorus, and chlorine metabolism in sheep. E. P. Ilibezova, R N Odynets. Izv. AN Kir. SSR. Ser. biol nauk 2 no. 5 29-39 '60
Nitrogen and carbon metabolism in sheep in case of a high strontium level in the food ration. R N. Odynets, E. P. Ilibezova, V. S Perelygina. Izv. AN Kir. SSR. Ser. biol. nauk 2 no. 5 41-45 '60.

STRONTIUM IN THE BODY
Effect of chalk and sodium bicarbonate on strontium deposition in the organs and tissues of sheep. R. N. Odynets and others. Izv. AN Kir. SSR. Ser. biol. nauk 2 no. 5:53-67 '60.

STRUCTURAL FRAMES
Action of temperature and loading on two-hinged frames. V. M. Milonov. Bet. i zhel.-bet. no. 5:213-218 My '61.
Glushkov, G. S., I. R. Egorov, and V. V. Ermolov, [Formulas for designing continuous beams and frames] Formuly dlia raschota nerazreznykh balok i ram; spravochnoe posobie. Pod red. G. S. Glushkova. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 342 p.
Plastic bending and torsion of a frame depending on the change in length of its struts [with summary in English]. A. I. Strel'byts'ka. Prykl. mekh 7 no. 3:278-286 '61.
Reinforced concrete half frames in rural construction. N. Zlat'ev. Sil'. bud. 11 no. 5:22-23 My '61.
Structures with inflated frameworks. Sil'. bud 11 no 4: 23 Ap '61.

STRUCTURAL FRAMES—WELDING
Leningradskii dom nauchno-tekhnicheskoi propagandy. [Butt welding of short joints by means of the ADSh-500 automatic consumable wire arc-welding machine: from research by the MPS Bridge Research Institute] Svarka stykovykh soedinenii nebol'shoi protiazhennosti shlangovym avtomatom ADSh-500, iz opyta Nauchno-issledovatel'skogo instituta mostov MPS. Leningrad, 1952. 7 p. (Informatsionno-tekhnicheskii listok, no. 42(383))
Publication of E. O. Paton's works. Sudostroenie 27 no. 5:74 My '61.

STRUCTURAL GEOLOGY see Geology, Structural

STRUCTURAL STEEL see Steel, Structural

STRUCTURES, THEORY OF
Bolotin, V. V. [Statistical methods in structural mechanics] Statisticheskie metody v stroitel'noi mekhanike. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 201 p.
Counting degrees of static indetermination (passive connections) of mechanisms and trusses. L. N. Reshetov, I. P. Sporysh. Izv. vys ucheb. zav., mashinostr. no. 4:8-13 '61.
Theoretical structural theorem of a type resembling Giushko's theorem. M. M Glukhov. Dokl. AN SSSR 138 no 5:994-997 Je '61.

STRUCTURES, THEORY OF—BIBLIOGRAPHY see Bibliography—Structures, Theory of

STRYCHNINE
Effect of caffeine and strychnine on the heteronlergic Shwartzman's phenomenon B D Stanchev, TS Takeva Zhur. mikrobiol epid i immun 32 no. 1:129-133 Ja '61
Reaction of rhythm adoption in the cerebral cortex and reticular formation of the brain stem during the presence of a strychnine-induced focus of stimulation [with summary in English]. N. N. Zisiina, L. A. Novikova. Zhur. vys. nerv. deiat. 11 no. 2:338-345 Mr-Ap '61.

STUDENT ACITIVITIES see subdivision under Darg-Kokh

STUPINO DISTRICT—DAIRYING
Continuous shift method of dairy cattle maintenance in the dairying section of the "Novaia zhizn'" Collective Farm in Stupino District of Moscow Province V. A. Sobolev, N P. Militsin Dokl TSKhA no 61 181-186 '61
Suslova, K. D. [About our life and work] O nashei zhizni, o nashem trude. [Moskva] Mosk. rabochii, 1961. 16 p. (Liudi, dela, plany)
(DA)

STUPINO DISTRICT—PASTURES AND MEADOWS
Natural meadows and their utilization in Stupino District of Moscow Province. L. V. Motorina. Dokl. TSKhA no. 59:155-160 '60.

STURGEONS see subdivision under Don River; Kura River; Volga River

STYLE, MUSICAL
National style in music and our time. I. Liashenko. Komm. Ukr. 36 no. 7:80-78 Jl '61.

STYRENE
Fluorinated styrenes. Report 5: α,β,β-Trifluorostyrenes. G. V. Kazennikova and others. Izv. AN SSSR. Otd. khim. nauk no. 6:1063-1065 Je '61.
Fluorinated styrenes. Report 6: α-Difluoromethylstyrenes and α-trifluoromethylstyrenes. G. V. Kazennikova and others. Izv. AN SSSR. Otd. khim nauk no. 6:1066-1069 Je '61.
Light scattering and viscosity of dichloro-substituted polystyrene in an ideal solvent. Part 2: Poly-3, 4-dichlorostyrene [with summary in English]. V E. Eskin, L. N. Andreeva. Vysokom. soed. 3 no. 3:435-440 Mr '61.
Mechanism of radiation polymerization. Part 2: Mechanism of the carbonium polymerization of styrene and methyl methacrylate induced by gamma rays [with summary in English]. M. K. IAkovleva, A. P. Sheinker, A D. Abkin. Vysokom. soed. 3 no. 6:828-832 Je '61.
Polymerization kinetics of styrene in the presence of phthaloyl peroxide [with summary in English]. N. S. TSvetkov. Vysokom. soed. 3 no. 3:408-413 Mr '61.

STYRENE POLYMERS
Ionizing radiation damage to polystyrene [with summary in English]. E. E. Baroni. Vysokom. soed. 3 no. 7 960-965 Jl '61.
Structure of plastic scintillators. Part 3: Study of the temperature dependence of the refraction index and the determination of temperature transition points [with summary in English]. E. E. Baroni. Vysokom. soed. 3 no. 7:956-959 Jl '61.
Synthesis and polymerization of nucleus-substituted styrenes and properties of their polymers. M. M. Koton. Khim. prom. no. 6:371-376 Je '61.

SUBMARINE BOATS
Eight torpedoes - eight hits. Z. Davydov. Voen. znan. 37 no 6:25-26 Je '61
General course. N. Lanin Sov voin 43 no. 11-4-6 Je '61
Maturity of a sailor. O. Ravinskii. Voen. znan. 37 no. 7:28-29 Jl '61.
On the waves and in the depths. Voen znan. 37 no. 7: 20b-20c Jl '61.
We serve our country. Sov voin 43 no. 11 0-12 Je '61.

SUBMARINE CHASERS
A small submarine chaser attacks Sov voin 43 no 11 22-23 Je '61.

SUBMARINE TOPOGRAPHY see subdivision under Greenland Sea

SUBMARINE WARFARE
A pair from the same boat. G Shchedrin. Sov voin 43 no 12 42-43 Je '61.

SUBSIDENCES (EARTH MOVEMENTS)
Surface shifting in mining steeply dipping veins M I. Muzal'kov. Gor. zhur. no 4:67-70 Ap '60.

SUBSTITUTE PRODUCTS
Sport vessels made of wood substitutes. A. N. Brusiavskii, L. G Nikiforova, F. M Shedling Sudostroenie 27 no. 5:37-38 My '61.

SUBSTITUTION (CHEMISTRY)
Kinetics of substitution reaction in the inner sphere of complex molecules. A. D. Gel'man, L. N Sasen Dokl. AN SSSR 138 no. 5:1095-1098 Je '61.

SUBVERSIVE ACTIVITIES see subdivision under Lithuania

SUBWAYS
(see also subdivision under Leningrad; Moscow)
Establishing regulations for working time and rest periods for railroad transportation and subway workers. Biul. Gos. kom. po vop. truda i zar. platy no 1 66-72 '61

SUCROSE
Solubility of sucrose in water (from "Gazeta Cukrownicza," no. 12, 1960). K. Vagnerovskii, D. Dombrovskaia, Ch. Dombrovskii. Sakh. prom. 35 no. 6:71-73 Je '61.

SUDAN GRASS see subdivision under Kazakhstan

SUGAR
One hundred and fiftieth anniversary of Kirkhgof's discovery. I. M. Vol'per. Sakh. prom. 35 no. 6:8-9 Je '61.

SUGAR—COSTS
Changing the system of selling sugar at reduced price. Sel' mekh. no 6:24 '61.

SUGAR—DRYING see subdivision under Poland

SUGAR—TRANSPORTATION
Over-all mechanization of the transshipment of raw sugar in bags. N. Bel'doman, F. Romanovskii. Mor. flot 21 no. 1:11-13 Ja '61.

SUGAR BEETS
(see also subdivision under Glubino District; Kirghizistan; Kuban; Podgnytsy District; Poland; Vinnitsa Province)
Machines for planting sugar-beet roots M. I. Nozhkin Biul. tekh.-ekon. inform. no. 5,53-55 '61
Prospects for growing sugar beet stecklings, IA. IU. Loosalu. Sakh. prom. 35 no. 6:51-53 Je '61.
Recent developments in the cultivation of sugar beets. M. P. Shapoval. Visnyk sil'hosp nauky 4 no. 7-38-41 Jl '61.
Results of testing new machinery for sugar beet growing. G.M.Kukta, Z.P.Kitaitseva. Mekh.i elek.sots. sel'khoz. 19 no. 3,55-59 '61.
Sugar beets in the feed rations of dairy cows [with summaries in English, German, and French]. M I. Kniga Vest. sel'khoz. nauki 6 no. 6:42-49 Ja '61.
Work practices of IE. P. Diduk, a well-known sugar-beet grower. M. A. Levyts'kyi. Visnyk sil'hosp. nauky 4 no. 5:38-41 My '61.

SUGAR BEETS—COSTS
Kosenko, D. S. [Lowering the cost of sugar beets] Za snizhenie sebestoimosti sakharnoi svekly. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 25 p. (Reshenila ianvarskogo (1961 g.) Plenuma TsK KPSS - v zhizn'!)
(DA)

SUGAR BEETS—FERTILIZERS AND MANURES
(see also subdivision under Alma-Ata Province)
Fertilizer placement before fall plowing gives most effective results. T. IA. Bisovets'kyi. Visnyk sil'hosp. nauky 4 no. 7,33-37 Jl '61.

SUGAR BEETS—HARVESTING see subdivision under Ukraine

SUGAR BEETS—STORAGE
Mechanized storage area for beets at a sugar plant. A.A. Kozlarevich. Mekh. i avtom proizv. 15 no. 6:33-34 Je '61.

SUGAR BEETS—WATER REQUIREMENTS

Temperature of sugar beet leaves as a physiological indicator of adequate water supply I I Saltykov. Visnyk sil'hosp nauky 4 no.5 97-100 My '61

SUGAR CANE see subdivision under Tokmak

SUGAR INDUSTRY

Accelerate and improve the quality of the construction of sugar factories. Sakh.prom. 35 no.6 1-2 Je '61.

Drying of beet leaves, lucerne, and other herbs at sugar factories. B. M. Kleiman, M. Z Khelemskii. Sakh. prom 35 no.6 3-6 Je '61.

High quality processed limestone for the sugar industry. A.V. Rodnikov. Sakh.prom. 35 no 6:25-28 Je '61.

Sugar industry specialists, members of the Scientific and Technological Society, solve problems involved in technological progress and help agriculture. P S Koval'chuk Sakh.prom 35 no.6 7-8 Je '61

Technical and economic literature on the sugar industry. A.I. Korchinskii Sakh.prom. 35 no.6:78-79 Je '61.

SUGAR INDUSTRY—EQUIPMENT AND SUPPLIES
(see also subdivision under Orekhovsk)

Increase of the steam-producing capacity of SM-16/22 sectional boilers IU.S Rubinov, Sakh.prom. 35 no.6 39-43 Je '61.

SUGAR INDUSTRY—EXHIBITIONS

At the All-Union Exhibition of the Achievements of the U.S.S.R. in 1961, "Sugar and confectionery industry" section. E Sokol'skaia. Sakh.prom 35 no.6 10-12 Je '61.

SUGAR INDUSTRY—LABOR PRODUCTIVITY see subdivision under Krasnodar Territroy

SUGAR MACHINERY
(see also subdivision under Germany, West; Hungary)

Efficiency coefficient of clarifying and thickening units. Ch. K. Kurochitskii. Sakh.prom. 35 no.6:59-63 Je '61.

SUGAR MANUFACTURE

Carbonic acid (carbonate) method of the ion exchange purification of second carbonation juice (from "Zucker," no. 5, 1960) I. F Bugaenko. Sakh.prom. 35 no.6 73-74 Je '61.

Continuous boiling of massacuites. A. S. Eplshin. Sakh. prom. 35 no.6 30-31 Je '61.

Determination of the amount of lime to be used in the purification of diffusion juices. V. S. Vasilega. Sakh. prom. 35 no.6 16-18 Je '61

Improvement of the controlled filtration of the first carbonation juice. A. E. Dudnik. Sakh. prom. 35 no.6:24 Je '61.

Procedure for an efficient discarding of mud on disk-type filters. V. A. Zambrovskii. Sakh.prom. 35 no.6 18-23 Je '61.

Regeneration of ion exchangers. P. V. Golovin and others. Sakh. prom. 35 no.6:13-16 Je '61.

SUGAR MANUFACTURE—ACCOUNTING

Calculation of the quantity of sugar obtained in the separation of sirup. I M. Rekhtman. Sakh.prom. 35 no.6 44-46 Je '61.

SUGAR MANUFACTURE—CONGRESSES

Annual scientific conference at the Moscow Technological Institute of the Food Industry. Sakh.prom. 35 no.6:33-34 Je '61.

SUGARS

Variations in the accumulation of sugar and anthocyan in grafted first-year and second-year beets. V. T Poda-Chikalenko. Uch. zap. Omsk gos. ped. inst. no. 12. 47-60 '59.

SUGGESTION SYSTEMS see subdivision under United States

SULERZHITSKII, LEOPOL'D ANTONOVICH, 1872-1916

Correspondence between A. M. Gor'kii and L. A. Sulerzhitskii, A. Tarasevich. Novyi mir 37 no. 6:171-194 Je '61.

SULFANILAMIDE

Effect of endogenous hyperthermia on the permeability of biological barriers to S35 penicillin, S35 streptocid album, and radiophosphorus [with summary in English]. I. P. Popov. Antibiotiki 5 no 3:51-55 My-Je '60.

SULFANILAMIDE—TOXICOLOGY

Case of individual sulfanilamide intolerance. B. A. Shelepin. Sov. med. 25 no. 5:146 My '61.

SULFIDES
(see also subdivision under Altai Mountains; Dnieper-Donets Lowland)

Comparative evaluation of heavy metal salt precipitation methods with gaseous hydrogen sulfide and sodium sulfide. N. M. Rusin, V. F. Rabinovich. Gig. i san. 26 no. 1:66-69 Ja '61.

Electrocapillary motion of sulfides in oxide melts. V. V. Khlynov, O. S. Esin, IU. P. Nikitin. Izv. vys. ucheb. zav.; khim. i khim. tekh. 4 no. 1:53-56 '61.

Extraction of ferric chloride with diisobutyl sulfide. V. M. Vdovenko, A S. Krivokhatskii Zhur.neorg.khim 5 no. 3.745-746 Mr '60.

Iodomethylates of some cyclic and aliphatic sulfides. R. D Obolentsev, V G. Bukhanov, N K Faizullina. Khim sera i azotorg. soed v neft i nefteprod 3:67-73 '60.

Kinetics of transformation of some monocyclic sulfides and 2-ethylthiophene in the presence of a spherical aluminosilicate catalyst. R D Obolentsev, V I Dronov. Khim. sera i azotorg soed v neft i nefteprod 3.271-294 '60.

Mechanism of the action of hydrogen sulfide and sodium sulfide on the blood erythrocyte level [with summary in English]. V. K Zhurzhinskii. Farm. i toks. 24 no. 2: 215-220 Mr-Ap '61.

Quantitative syntheses of metal sulfides Victor Hofmann Khim v shkole 16 no 2 80-81 Mr-Ap '61

Reactions of an aqueous solution of mercury acetate with some organic sulfides and thiols I N. Tits-Skvortsova, T A Danilova, B V. Kuznetsov Khim sera i azotorg. soed v neft i nefteprod 3 75-80 '60.

Refinement of the iodatometric potentiometric method for determining organic sulfides G.D Gal'pern, G. P Girina, V G. Luk'ianitsa Khim sera i azotorg. soed v neft i nefteprod 3.131-136 '60.

Sulfide sulfur in some crude oils of Bashkiria. R D. Obolentsev, A A Ratovskaia, V D. Timofeev. Khim sera i azotorg soed v neft i nefteprod. 3:167-172 '60

Using tetramethylthiuram-disulfide for controlling black scurf in potatoes. L. B. Dembskaia Zashch. rast. ot vred. i bol. 5 no. 1:28 Ja '60.

SULFIDES—METALLURGY
(see also subdivision under Dzhezkazgan)

Leaching of sulfide concentrates with simultaneous solution of elementary sulfur being precipitated. V. V. Ermilov. Trudy Inst. met. i obogashch. AN Kazakh. SSR 3:168-183 '60.

Rate of dissolution of lead and zinc sulfides in hydrochloric acid solutions. S. I. Tarabaev, K. A. Shchurov, B. E. Medvedkov. Trudy Inst. met. i obogashch. AN Kazakh. SSR 3 134-147 '60.

SULFIDES—SPECTRA

Absorption spectra in the ultraviolet of some cyclic sulfides, thianthrene, and 2-ethylthiophene R D. Obolentsev, N. S Liubopytova, L. A Makova Khim. sera i azotorg soed v neft i nefteprod 3:93-101 '60

Vibrational spectra of sulfides, R D. Obolentsev, IU. I. Kotov, E N Chelov Khim sera i azotorg soed. v neft i nefteprod 3:105-111 '60

SULFONAMIDES

Use of sulfanilamide preparations in the compound treatment of diabetes mellitus at the Truskavets Health Resort L. K. Baikalov Zdrav Turk. 5 no 1:21-24 Ja-F '61.

SULFONES

Corrections to the article by M F. Shostakovskii and others' "Research on sulfones and sulfoxides Part 1: Vinyl ethyl sulfone, synthesis and some conversions" Zhur ob. khim. 31 no. 6:2081 Je '61

Reduction of thiophane sulfones and its homologs by means of aluminum lithium hydrides. R. D. Obolentsev, V G Bukhanov, M M Gerasimov Khim sera i azotorg soed v neft i nefteprod. 3;43-48 '60

Sulfone sulfonic acids as by-products in sulfonation processes Part 6. Possibility of using the chromatopolarographic method for the quantitative determination of sulfonic acids of naphthalene and dinaphthylsulfone A. P. Shestov, N A Osipova, K K Petukhova Zhur. ob khim 31 no 6:1780-1787 Je '61

Sulfoxides and sulfones of some monosubstituted thiophanes R D Obolentsev, V G. Bukhanov, M M Gerasimov Khim. sera i azotorg, soed, v neft i nefteprod 3;35-41 '61

SULFONES—THERAPEUTIC USE

Influence of sulfone preparations on the cardiovascular system of leprosy patients [with summary in French]. V. K Loginov, N I. Efimova. Sbor nauch rab po lepr i derm no 13 48-51 '59.

SULFONIC ACIDS

Chlorides of N-arylsulfonylareniminosulfonic acids. Part 2. E S Levchenko, N. IA. Derkach, A V Kirsanov. Zhur. ob. khim 31 no. 6:1071-1076 Je '61.

N-arysulfonylliminothionyl chlorides. E S. Levchenko, A V. Kirsanov. Zhur. ob khim. 31 no. 6:1068-1071 Je '61.

Sulfone sulfonic acids as by-products in sulfonation processes. Part 6; Possibility of using the chromatopolarographic method for the quantitative determination of sulfonic acids of naphthalene and dinaphthylsulfone A. P. Shestov, N. A Osipova, K K Petukhova. Zhur. ob. khim. 31 no. 6:1780-1787 Je '61.

SULFOXIDES

Separation of concentrates of sulfur compounds and aromatic hydrocarbons by selective oxidation and chromatography, following the example of the 175-300° fraction of Romashkino oils. E. N Karaulova, G. D. Gal'pern. Khim. sera i azotorg. soed, v neft, i nefteprod. 3;227-239 '60.

Sulfoxides and sulfones of some monosubstituted thiophanes R D Obolentsev, V. G Bukhanov, M M Gerasimov Khim. sera i azotorg, soed v neft i nefteprod 3;35-41 '60

SULFUR

Character of the sulfur distribution in the high molecular weight hydrocarbon fraction of Romashkino crudes S R. Sergienko, I A. Nozhkina, I S Maiorov. Khim sera i azotorg soed v neft, i nefteprod. 3,173-182 '[illegible]

Crystallochemistry of sulfides Report No. 3 Sulfur, selenium, and tellurium of the AX_2 type G R Bokii, IU G Zagal'skaia, E. A. Pobedimskaia Vest Mosk un. Ser 4 Geol 16 no 3 18-33 My-Je '61

Development of methods for the utilization of sulfur removed in the refining of clear petroleum products. F. A Sokolov, B. E Stankevich, N G. Toropteev Khim sera i azotorg, soed, v neft nefteprod 3:407-410 '60

Effect of sulfur containing in oil on the physicomechanical properties of friction surfaces' G P Sharonov. Khim i tekh topl i masel 6 no 7,50-56 Jl '61

Effect of the sulfur content on the wear of fuel pump plungers in the ZD-6 engine M S. Smirnov, V N Dneprov Khim sera i azotorg soed, v neft, i nefteprod 3:483-485 '60

Electronographic study of phase formation in binary layers of Pb - S and Pb - Se. G A Efendiev, I V Ivanova Dokl. AN Azerb, SSR 17 no 4:279-281 '61

Reaction of polyethylene with sulfur. B A Dogadkin, A A Dontsov Dokl. AN SSSR 138 no 6,1349-1352 Je '61

Role of elementary sulfur in the formation of hydrogen sulfide during the heating of crude oils. R D Obolentsev, B. V. Aivazov, K V Titova Khim sera i azotorg soed, v neft i nefteprod 3:253-259 '60.

Ternary system bismuth - iron - sulfur (on the theory of the precipitation smelting of bismuth) G G. Urazov and others Zhur neorg khim 5 no 3 630-636 Mr '60.

Thermal decomposition of diphenylguanidine and its reaction with sulfur at the vulcanization temperature. B. A. Dogadkin, N. N. Pavlov. Dokl AN SSSR 138 no 5 1111-1114 Je '61.

SULFUR—ANALYSIS

Determination of sulfur in organic compounds without the use of alkaline metals S. N. Beketovskii Khim v shkole 16 no. 2 80 Mr-Ap '61

Distribution of sulfur and nitrogen in the products of coking of heavy residual oils in a fluidized bed of finely divided coke G. S. Spektor, IA. A Beinikov, V. A Brusina Khim. sera i azotorg soed, v neft i nefteprod 3;193-197 '60.

New method for the quantitative determination of sulfur in organic substances. P. N. Fedoseev, R. M. Lagoshina Izv. vys. ucheb. zav.; khim. i khim. tekh 3 no 2.330-333 '60.

Polarographic determination of free sulfur in petroleum products. V G. Luk'ianitsa, G. D Gal'pern. Khim sera i azotorg soed v neft i nefteprod 3 121-123 '60

Simultaneous determination of carbon, hydrogen, and sulfur in organic compounds A A Ratovskaia, V. M Nizhutina, F Sh. Ibragimova. Khim. sera i azotorg soed, v neft, i nefteprod. 3;149-150 '60.

Sulfide sulfur in some crude oils of Bashkiria. R D Obolentsev, A A. Ratovskaia, V. D. Timofeev. Khim sera i azotorg, soed, v neft i nefteprod 3;167-172 '60

SULFUR—ISOTOPES

Adsorption of hexane and benzene vapors on nonradioactive and radioactive barium sulfate samples. L.D. Belinkova and others. Dokl. AN SSSR 138 no. 5 1139-1142 Je '61.

Use of radioactive sulfur for obtaining labeled bacteria [with summary in English]. T. S. Sedova, V V Grechi Zhur. mikrobiol. epid. i immun 31 no. 3 31-35 Mr '[illegible]

SULFUR BACTERIA see Bacteria, Sulfur

SULFUR COMPOUNDS

Removal of sulfur compounds from hydrocarbon gases. E. G. Rozantsev, I. I. Berger. Khim. prom. no. 5,333-340 My '61.

SULFUR CHLORIDE

Cross-linking of hydrocellulose fibers with sulfur monochloride [with summary in English]. B. I Alkhodzhaeva and others Vysokom. soed. 3 no 6:806-810 Je '61

SULFUR DIOXIDE

Ammonia-phosphoric acid method for processing weak sulfur dioxide and the production of "ammofos." N. A Vasilenko, M. M. Chernobaeva, S. L. Reutova. Khim prom. no. 6:403-405 Je '61.

Camera for testing the resistance of paint coatings to the action of sulfur dioxide. M. I. Korfakina, S V. IAkubovich. Lakokras. mat. i ikh prim. no. 3:58 '61.

Effect of humidity on the yield of sulfur from the reaction of hydrogen sulfide and sulfur dioxide. L. V Surafina Izv. Sib. otd AN SSSR no. 6:124-125 '61."

Thyroid gland function of workers in sulfuric acid production. A. G. Pekhterev, B. S. Bakalenikov. Vrach. delo no. 4:114-116 Ap '61.

SULFUR FLUORIDE

Perel'shtein, I.I. [Thermodynamic properties of sulfur hexafluoride. Scientific report] Termodinamicheskie svoistva shestiftoristoi sery, nauchnoe soobshchenie. Moskva, Gos. izd-vo torg. lit-ry, 1961. 45 p

SULFUR INDUSTRY—EQUIPMENT AND SUPPLIES

Complete processing of sulfur ores by the continuous thermal method. A. G. Kasatkin, V. M. Lekae, L. N. Elkin. Khim. prom. no. 5:300-306 My '61.

SULFUR MINES AND MINING see subdivision under Rozdol region

SULFUR ORGANIC COMPOUNDS

Comparative characteristics of various silica gel samples based on their relations to contained sulfur organic compounds in some fuels. R. D. Obolentsev, B. V. Alvasov, K. V. Titova. Khim. sera i azotorg. soed. v neft. i nefteprod. 3:211-217 '60.

Complex compounds of some cyclic and aliphatic sulfides with mercury chloride. R. D. Obolentsev, V. G. Bukharov, N. K. Faizullina. Khim. sera i azotorg. soed. v neft. i nefteprod. 3:51-65 '60.

Composition of sulfur organic compounds in a straight-run fuel produced from Tuymazy and Bavly oils. R. D. Obolentsev and others. Khim. sera i azotorg. soed. v neft. i nefteprod. 3:241-250 '60.

Distribution of sulfur in the cracking products of heavy charge stocks. A. V. Agafonov, B. T. Abaev, N. A. Okinshevich. Khim. sera i azotorg. soed. v neft i nefteprod. 3:183-192 '60.

Effect of sulfur compounds on the thermooxidative stability of diesel fuels. I. A. Rubinshtein, E. P. Sobolev, Z. A. Kleimenova. Khim. sera i azotorg. soed. v neft. i nefteprod. 3:460-474 '60.

Effect of the refining method on the hydrocarbon composition of fractions containing organic sulfur compounds. V. G. Nikolaeva, E. V. Zverova. Khim. sera i azotorg. soed. v neft i nefteprod. 3:397-405 '60.

Effect of the structure of sulfur organic compounds on the rate of the reactions of oxidation and catalytic hydrogenation. S. R. Sergienko, V. N. Perchenko, A. A. Mikhnovskaia. Khim. sera i azotorg. soed. v neft. i nefteprod. 3:353-361 '60.

From the editorial board. Khim. sera i azotorg. soed. v neft. i nefteprod. 3:3-4 '60.

Hydrogenolysis of sulfur organic compounds under conditions of hydrofining. R. D. Obolentsev, A. V. Mashkina. Khim. sera i azotorg. soed. v neft. i nefteprod. 3:295-329 '60.

Introduction. Khim. sera i azotorg. soed. v neft. i nefteprod. 3:5 '60.

Kinetics of transformation of 2, 8-dimethyl-5-thianonane and 5, 7-dipropyl-6-thiaundecane in the presence of an aluminosilicate catalyst. R. D. Obolentsev, L. N. Gabdullina. Khim. sera i azotorg. soed. v neft. nefteprod. 3:261-270 '60.

Micromethod for the determination of sulfur in organic substances with carboxyarsenazo, a new indicator for the titration of SO_4^{2-} ion [with summary in English]. K. F. Novikova, N. N. Basargin, M. F. TSyganova. Zhur. anal. khim. 16 no. 3:348-351 My-Je '61.

Selection of adsorbents for the chromatographic separation of concentrates of sulfur compounds and aromatic hydrocarbons. G. D. Gal'pern, V. N. Karicheva, A. S. Nekrasov. Khim. sera i azotorg. soed. v neft. i nefteprod. 3:219-226 '60.

Simultaneous determination of carbon, hydrogen, and sulfur in organic compounds. A. A. Ratovskaia, V. M. Nizhutina, F. Sh. Ibragimova. Khim. sera i azotorg. soed. v neft. i nefteprod. 3:148-150 '60.

SULFUR ORGANIC COMPOUNDS—THERMAL PROPERTIES

General formulae for the determination of standard heat capacities of 3-thia-, 2-thiaalkanes, and alkane thiols. P. T. Maslov. Khim. sera i azotorg. soed. v neft. i nefteprod. 3:115-120 '60.

Thermal stability of sulfur compounds and their effect on the performance characteristics of fuels. I. A. B. Chertkov, V. N. Zrelov, R. D. Obolentsev. Khim. sera. i azotorg. soed. v neft. i nefteprod. 3:461-466 '60.

SULFURIC ACID

(see also subdivision under Czechoslovakia)

Equilibrium in the system $Ce(SO_4)_2 - H_2SO_4 - H_2O$. I. I. Angelov, K. D. Poslavskaia. Trudy IREA no. 22:30-32 '58.

Physicochemical analysis of aqueous solutions of the system phosphoric acid - sulfuric acid. D. P. Belotskii, M. F. Khokhol. Zhur. neorg. khim. 5 no. 3:708-712 Mr '60.

Solubility rate of copper in dilute solutions of sulfuric acid containing equivalent amounts of different oxidizing agents. A. I. Klinevskii. Izv. vys. ucheb. zav.; khim. i khim. tekh. 4 no. 1:57-59 '61.

SULFURIC ACID INDUSTRY

(see also subdivision under Germany, East)

An hourly bonus system for workers in sulfuric acid production. V. Del'nik. Biul. nauch. inform., trud i zar. plata 4 no. 4:26-33 '61.

SULFURYL CHLORIDE

Determination of sulfuryl chloride in the presence of chlorosulfonic acid. G. V. Zavarov. Zav. lab. 27 no. 6:670-672 '61.

SULTONES

Fluorine-containing β-sultones. Report 8: β-Sultones, promoters of acylation. G. A. Sokol'skii, I. L. Knunyants. Izv. AN SSSR, Otd. khim. nauk no. 6:1053-1055 Je '61.

Fluorine-containing β-sultones. Report 9: Reactions between fluorine-containing β-sultones and mercaptans. G. A. Sokol'skii, M. A. Dmitriev, I. L. Knunyants. Izv. AN SSSR, Otd. khim. nauk no. 6:1055-1057 Je '61.

SUMMER see subdivision under Kyzyl Kum

SUMY—THEATER

An impressive performance. Ol. Slukvin. Volov. ateist no. 2:51 F '61.

SUN

Continuous emission of the chromosphere beyond the Balmer series during the solar eclipse of 1954 [with summary in English]. D. IA. Martynov. Astron. zhur. 38 no. 3:443-447 My-Je '61.

Corpuscular streams and the solar corona above active regions [with summary in English]. E. R. Mustel'. Astron. zhur. 38 no. 3:395-401 My-Je '61.

Generation of flares with the growth of solar magnetic fields [with summary in English]. A. B. Severnyi. Astron. zhur. 38 no. 3:402-408 My-Je '61.

Results of measurements of spectrum line intensities of the sun in relation to the phase of solar activity [with summary in English]. T. E. Derviz, I. F. Kuprevich, L. A. Mitrofanova. Astron. zhur. 38 no. 3:448-454 My-Je '61.

SUN—CORONA

Evaluating the electron density of the corona from the observation of solar radio emission [with summary in English]. I. G. Moiseev. Astron. zhur. 38 no. 3: 541-543 My-Je '61.

Formation of coronal condensations above active regions [with summary in English]. S. B. Pikel'ner. Astron. zhur. 38 no. 3:552-553 My-Je '61.

Polarization in coronal rays [with summary in English]. I. D. Gits. Astron. zhur. 38 no. 3:474-477 My-Je '61.

Thermoelectric phenomena on the sun. Part 1: Electrostatic field in the solar corona [with summary in English]. G. M. Shtil'shtein. Astron. zhur. 38 no. 3: 463-473 My-Je '61.

SUN—PROMINENCES

A prominence with nonuniform physical properties along the line of sight [with summary in English]. E. A. Makarova, A. I. Kiriukhina. Astron. zhur. 38 no. 3: 543-545 My-Je '61.

SUN BATHS

Therapeutic apparatus at the Kiev central telegraph. P. P. Bazhan. Vest. svinzi 21 no. 5:24 My '61.

SUN LORE

Bronze Age solar images from the Crimea. A. A. Shchepinskii. Sov. arkheol. 5 no. 2:227-231 '61.

SUNFLOWER SEED OIL

Effect of γ-irradiation on sunflower oil [with summary in English]. A. I. Zhuravlev. Vop. pit. 20 no. 2:65-69 Mr-Ap '61.

Influence of temperature on the extraction of prepressed sunflower cakes in the DS-70 extractor. A. G. Neshchadim, V. N. Kurdiumov. Masl.-zhir. prom. 27 no. 6:35-38 Je '61.

SUNFLOWERS

How the development of sunflowers is affected by indoleacetic and gibberellic acids in their separate and combined application. M. M. Gukova, V. V. Faustov. Doklady TSKhA no. 57:133-138 '60.

Pay more attention to sunflowers. V. S. Pustovoit. Zemledelie 23 no. 6:13-15 Je '61.

Primitive signs in the anatomical structure of sunflower seedlings [with summary in English]. V. K. Vasilevskaia. Bot. zhur. 46 no. 6:780-786 Je '61.

SUNFLOWERS—DISEASES AND PESTS

Dates for thinning sunflowers in areas where mildew occurs [with summaries in English, German, and French]. P. G. Semikhnenko, D. N. Belevtsev. Vest. sel'khoz. nauki 6 no. 6:30-36 Ja '61.

SUNSPOTS

Number of originating and disappearing sunspot groups on the rotating sun. V. F. Chistiakov. Biul. VAGO no. 26:21-26 '60.

SUPERCONDUCTIVITY

Effects of pair correlation near closed shells [with summary in English]. S. I. Drozdov, D. F. Zaretskii. Zhur. eksp. i teor. fiz. 40 no. 1:206-205 Ja '61.

Magnetic properties of thin superconducting tin and indium films [with summary in English]. B. K. Sevast'ianov. Zhur. eksp. i teor. fiz. 40 no. 1:52-63 Ja '61.

Raman dispersion of light in superconductors [with summary in English]. A. A. Abrikosov, L. A. Fal'kovskii. Zhur. eksp. i teor. fiz. 40 no. 1:262-270 Ja '61.

Threshold phenomena in superconductors [with summary in English]. V. L. Pokrovskii. Zhur. eksp. i teor. fiz. 40 no. 1:143-151 Ja '61.

Using methods of the theory of superconductivity in problems pertaining to the masses of elementary particles [with summary in English]. V. G. Vaks, A. I. Larkin. Zhur. eksp. i teor. fiz. 40 no. 1:282-285 Ja '61.

SUPERFLUIDITY

Critical velocities in superfluid helium. V. P. Peshkov. Zhur. eksp. i teor. fiz. 40 no. 1:370-381 Ja '61.

Superfluidity of nuclear matter [with summary in English]. L. P. Rapoport, S. G. Kadmenskii. Zhur. eksp. i teor. fiz. 40 no. 1:183-193 Ja '61.

SUPPLY AND DEMAND

Statistical study of the population's demand. S. Pal'gul. Vest. stat. no. 6:9-21 '61.

SUPPORT (DOMESTIC RELATIONS)

Let's continue this discussion. L. Zhukova. Sov. iust. no. 12:10-11 Je '61.

SURFACE ACTIVE AGENTS

Effect of different surface active agents on the deaeration of viscose and defoaming of a spinning bath. V. M. Alekseeva, L. A. Nikonova, V. A. Miagkov. Khim. volok. no. 3:30-33 '61.

Effect of surface-active substances on the rate of solution of calcite in acids. E. A. Kanovskii, V. A. Pchelkin. Kin. i kat. 2 no. 2:186-191 Mr-Ap '61.

Using surface active agents in petroleum production. A. A. Amaev, V. M. Salazhev. Neft. khoz. 39 no. 4: 33-37 Ap '61.

SURFACE CHEMISTRY

Surface reaction and boiling of the metal bath during decarburization. M. G. Krasheninnikov, S. I. Filippov. Izv. vys. ucheb. zav., chern. met. 4 no. 5:17-27 '61.

SURFACE ENERGY

Spectral dependence of changes in the surface potential of CdSe caused by illumination. L. P. Strakhov. Fiz. tver. tela 3 no. 5:1612-1613 My '61.

SURFACE TENSION

Effect of surface tension on interfacial condensation [with summary in English]. N. V. Mikhailov, S. S. Nikolaeva, V. I. Maiboroda. Vysokom. soed. 3 no. 7: 991-994 Jl '61.

"Large drop" method for the determination of the surface tension and density of molten metals at high temperatures. IU. V. Naidich, V. N. Eremenko. Fiz. met. i metalloved. 11 no. 6:883-888 Je '61.

Surface activity of hydrogen in liquid iron. B. A. Baum, K. T. Kurochkin, P. V. Umrikhin. Fiz. met. i metalloved. 11 no. 6:960-961 Je '61.

Surface tension and density of zinc containing silicate melts. D. M. Chizhikov, S. S. Deineka. Dokl. AN SSSR 138 no. 6:1402-1404 Je '61.

Surface tension of solutions of liquified gases N_2--Ar, Ar--CH_4, N_2--CH_4 [with summary in English]. IU. P. Blagoi. Ukr. fiz. zhur. 5 no. 1:109-114 Ja-F '60.

SURFACES

Existence and uniqueness of an infinite complete convex surface with a given external curvature in Lobachevskii space. A. L. Verner. Sib. mat. zhur. 2 no. 1:20-35 Ja-F '61.

SURFACES (TECHNOLOGY)

Some special characteristics of silver alloy surface preparation for enamelling. R. B. Laskovain. Izv. vys. ucheb. zav.; tsvet. met. 4 no. 2:123-130 '61.

SURFACES (TECHNOLOGY)—TESTING

Investigating the causes of defects on flat polished surfaces. A. M. Kharitontsuk, E. D. TSybina. Priborostroenie no. 7:23-25 Jl '61.

Leningradskii dom nauchno-tekhnicheskoi propagandy. [Color method for surface defect detection; experience of the Leningrad Metal Works] TSvetnoi metod vyiavlenitia poverkhnostnykh defektov; opyt Leningradskogo metallicheskogo zavoda imeni Stalina. Leningrad, 1960. 5 p. (Informatsionno-tekhnicheskii listok, no. 8(349))

SURGERY

In the departments of the Turkmen Medical Institute. Zdrav. Turk. 5 no. 1:48 Ja-F '61.

Surgical technics in remote metastatic hypernephromas [with summary in English]. E. A. TSeil'. Sov. med. 25 no. 4:86-93 Ap '61.

Use of ACTH and cortisone in surgical inflammatory diseases. I. N. Grishin. Zdrav. Bel. 7 no. 5:49-51 My '61.

SURGERY, ASEPTIC AND ANTISEPTIC see subdivision under Poland

SURGICAL INSTRUMENTS AND APPARATUS

Pneumatic tonsil compressor for stopping hemorrhage from the tonsillar niches S A Liberzon, A L Markelitser Zhur. ush., nos i gorl bol 21 no 1 79-80 Ja-F '61.

Universal raspatory for tonsillectomy. IA. I. Gokher. Zhur. ush., nos. i gorl. bol. 21 no. 2 80-81 Mr-Ap '61.

SURGICAL OPERATIONS see Operations, Surgical

SURGICAL SOCIETIES see subdivision under Andizhan; White Russia

SURIN, ALEKSANDR ALEKSEEVICH, 1881-

Aleksandr Alekseevich Surin, on his 80th birthday Vod i san tekh no 5 41 My '61

SURVEYING
(see also subdivision under China; Poland)

Adjustment of rectangles with measured sides A. V. Butkevich Izv vys ucheb. zav , geod i aerof no 1 3-19 '61.

All-terrain vehicles and helicopters in geodesy B I Goverukhin. Geod. i kart no. 5 04 My '61

Brief news Geod i kart no 5 75-77 My '61

Brief news Geod i kart no 6 77-80 Je '61.

Changes in the technical scheme for tracing linear structures and computation of earthwork quantities S M Kuznetsov. Geod. i kart no 5 42-51 My '61

Escalator method in group adjustment S G. Sharupich Izv. vys ucheb zav ; geod. i aerof no 1 37-40 '61

"Geodesy" by A. V. Maslov, G. I Gorokhov. Pt 3. Reviewed by M A. Girshberg Izv vys ucheb zav , geod i aerof. no 2 141-145 '61

Modrinskii, N. I. [Geodesy] Geodezlia. Izd. 2, , ispr. i dop. Leningrad, Gidrometeor. izd-vo, 1960. 448 p.

Murashev, S. A., N. A. Palzanskii, and K. P. Panova. [Geodesy] Geodezlia. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959, 374 p.

Results of socialist competition among enterprises of the Main Administration of Geodesy and Cartography of the Ministry of Geology and Conservation of Mineral Resources for the first quarter of 1961 Geod i kart no. 5,12-13 My '61.

Some geodetic layout problems B I Gerzhuia Geod i kart. no 6 49-53 Je '61

Toward the 22d Congress of the CPSU. Geod i kart. no. 6 3-4 Je '61

SURVEYING—BIBLIOGRAPHY see Bibliography—Surveying

SURVEYING—INSTRUMENTS

Checkered rods with verniers. Geod. i kart. no. 5: 56-60 My '61.

"Geodetic instruments and apparatus" by S V. Eliseev Reviewed by D. A. Romanov. Izv vys. ucheb zav., geod. i aerof. no 2;147-150 '61

Invar rods with a single graduation scale. I. N. Meshcherskii. Geod i kart. no. 5;60 My '61.

Use of mathematical statistics in processing experimental observations made with modern geodetic instruments N. I Lebedinskii. Izv. vys. ucheb. zav , geod i aerof. no. 2 3-11 '61.

SURVEYING—PERIODICALS

The tie between the journal and practice M. S. Krüger. Geod. i kart. no. 5;66 My '61.

Y MEASURES

hic-geodetic field work in ... V. M. Volnovskii.

Shekhtman, IU. M. [Filtration of low-concentration suspensions] Fil'tratsiia malokontsentrirovannykh suspenzii. Moskva, Izd-vo Akad nauk SSSR, 1961. 210 p.

Thermal damping of sound in a suspension of high concentration. N I. Byzova, V S Nesterov. Akust. zhur. 5 no. 1,108-111 '59.

SUTURES

Suture of a nerve, repair of large defects of the nerve trunk, and prevention of amputation neuromas. F. M. Golub and others. Med. zhur. Uzb. no. 1,26-31 Ja '61.

SVERDLOVO—CITY PLANNING

The village of Sverdlovo in several years. D. Gold'berg, S Rendino, S. Serzhantov. Sil'. bud. 11 no 5 16 My '61.

SVERDLOVSK—BOOKSELLERS AND BOOKSELLING

It is difficult to buy agricultural books in Sverdlovsk. L. Raskin Sov. knizh. torg. 12 no 8,10-11 Ag '60.

SVERDLOVSK—CHILDREN'S PLAYS

Five out of seven IA. Tubin Teatr 22 no. 6 101 Je '61.

SVERDLOVSK—FORGING MACHINERY—MAINTENANCE AND REPAIR

Forging-machine bed has been reconditioned. P. A. Rozhdestvenskii. Mashinostroitel' no. 6;14-15 Je '61.

SVERDLOVSK—INFLUENZA

Material on the epidemiology of influenza in Sverdlovsk in 1950. I P. Sakulin and others. Zhur. mikrobiol. epid i immun 32 no 1;137-140 Ja '61.

SVERDLOVSK—MACHINERY INDUSTRY

Potentials for carrying out the seven-year plan ("Potentials in the machinery industry" V. I. Ganshtak, P. A. Zhukov). V Pavlov. NTO 3 no. 6;59-60 Je '61.

Story of a Ural giant ("Father of factories; outline history of the Ural Machine Plant" by E. M Makarov Reviewed by S Marlinskii, IA. Shternshtein) Novyi mir 37 no. 6,266-268 Je '61.

SVERDLOVSK—MOTORTRUCKS—TIRES

New truck tire for use in logging. M. I. Rakitar, V. A. Trushin. Kauch. i rez. 20 no. 6;45-47 Je '61.

SVERDLOVSK—TIRES, RUBBER

Experimental re-treading section of the Sverdlovsk Tire Factory. K N. Karamelev, V. A. Erokhin. Kauch. i rez. 20 no. 6,38-40 Je '61.

SVERDLOVSK PROVINCE—BLASTING

Adoption of inclined holes with reduced diameter at the Pervouralsk Mine. N. U. Turuta, A T. Galimullin, D V. Tereshchenko Gor zhur no 4;27-30 Ap '60.

SVERDLOVSK PROVINCE—COMMUNITY CENTERS

Cultural centers are the disseminators of everything new. A. Verilov. Sov profsoiuzy 17 no. 12;20-21 Je '61.

SVERDLOVSK PROVINCE—FINANCE

In search of new forms and methods. P. Rogozinskii. Fin. SSSR 22 no 6;20-26 Je '61.

SVERDLOVSK PROVINCE—FOREST REPRODUCTION

Principal results of the study of natural reproduction of forests in clearcuttings of Sverdlovsk Province. B. P. Kolesnikov. Trudy Inst. biol. UFAN SSSR no 14;3-21 '60.

SVERDLOVSK PROVINCE—TUBERCULOSIS

Active pulmonary tuberculosis detected by fluorographic methods in collective farms of Sverdlovsk Province. G. I. Firsov. Sov. med. 25 no. 5;146-147 My '61.

SVIKKE, JANIS, 1886-

A bit of Lenin's warmth. N. Shchavelev. Sov. voin 43 no. 7;34 Ap '61.

SWAMPS see subdivision under Iska Valley; Ural Mountain region

SWEAT see Perspiration

SWEDEN—BORING MACHINERY

New Swedish deep test drilling rigs. E. S. Bubnov, N. V. Medvedev Razved i okh. nedr 26 no. 2;55-62 F '60

SWEDEN—FOREIGN ECONOMIC RELATIONS—RUSSIA

"Russo-Swedish economic relations in the 17th century: collected documents." Reviewed by O. L. Vainshtein. Vop. ist. no. 6;136-139 Je '61

SWEDEN—TANK VESSELS

Detector for the determination of petroleum vapor concentration on tank vessels [from "Svensk Sjafarts Tidning" no. 47, 1960]. Sudostroenie 27 no. 6;79 Je '61

SWIMMING

Elementary training in swimming for school children in the early and middle grades. N. Zh. Bulgakova and others. Teor. i prak. fiz. kul', 23 no. 9;669-673 '60.

Eliminate shortcomings in the teaching of swimming. Teor. i prak. fiz. kul', 24 no. 5;401-405 '61.

How John and Ilsa Conrads train. V. V. Belokovskii. Teor i prak. fiz. kul' 23 no. 5;377-378 '60.

Learn to swim well. IU. Loginov. Voen. znan. 37 no. 7 30-31 Jl '61.

"Teaching servicemen to swim" by A. A. Vanikov, N. I. Plekhanov. Reviewed by V. Butrin. Voen. znan 37 no. 7;30 Jl '61.

The unsatisfactory state of swimming and methods of improvement. Teor. i prak. fiz. kul', 24 no. 6 475 [illegible] '61

Vasil'ev, V. S. [Teaching young children how to swim] Obuchenie malen'kikh detei plavaniiu. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1961. 68 p.

Work the new way. V. F Borisenko. Teor i prak. fiz. kul'. 24 no. 6 479-480 '61.

SWINE
(see also subdivision under Novgorod Province; Omsk Province)

For efficient management of farms attached to army messes V Gusev, G. Biba, A Leont'ev. Tyl i snab. Sov Voor Sil 21 no 1 61-63 Ja '61

Technological charts in swine breeding. A Gurin Ekon sel'khoz 32 no. 2 75-80 F '61

SWINE—DISEASES AND PESTS

Changes in the nervous system caused by the atrophic rhinitis of swine N. H. Tolstova-Parita'ka, H A. Krasnikov. Visnyk sil'hosp. nauky 4 no. 5 86-90 My '61

Recent data on the prophylaxis of the infectious atrophic rhinitis in swine T. V Pashov Visnyk sil' hosp nauky 4 no 6 99-102 Je '61.

SWINE—FEEDING AND FEEDS

Characteristics of growth and development in young pigs of the Ukrainian White Steppe breed under various types of feeding. M O. Korol'ov. Visnyk sil'hosp nauky 4 no 5 75-79 My '61.

Effect of the toxic fungus Fusarium sporotrichioides on swine. N. A. Akulin Dokl TSKhA no 61 243-246 '61

Fattening swine to various weight levels. A. S IArkov Dokl TSKhA no 61 123-128 '61.

Meeting biological requirements in feeding swine for meat. I M Zakharchenko Visnyk sil'. hosp nauky 4 no 6,84-88 Je '61.

Swine fattening station serving several collective farms N. Pashchenko Tekh. v sel'khoz. 21 no. 6;26-29 Je '61.

Using bone meal in fattening swine. V. A Tashchilin Dokl. TSKhA no 61 99-104 '61.

Using corn cake for fattening swine. H. F. Kudynova Visnyk sil'hosp nauky 4 no 7;87-89 Jl '61.

SWINE—PHYSIOLOGY

Effect of photoperiodic conditions on swine [with summary in English]. A. IA. Klochkova, A. M. Emme. Biul MOIP, Otd. biol. 66 no. 3 134-143 My-Je '61

Thyroid gland structure, gas exchange and certain economically valuable features in purebred and hybrid swine I. I IArov. Dokl. TSKhA no 61 115-121 '61

SWINE BREEDING

Effectiveness of pairing types II-III, II-IV, and III-III in swine breeding I A. Savich Dokl. TSKhA no 61 105-114 '61

SWINE HOUSES AND EQUIPMENT see subdivision under Krasnoarmeyskiy District; Moscow Province; Rostov Province

SWITCHING THEORY

Concerning "reversal" conditions in semiconductor relay devices [with summary in English]. S. V. Kullikov. Avtom. i telem. 22 no. 7;914-916 Jl '61.

Concerning the probability of the appearance of Boolean functions. Chen' TSziun'-lian, [Ch'ên Chün-liang]. Probl. pered. inform. no. 8;74-87 '61.

Contact complexity of Boolean functions. A. A. Arkhangel'skaia, V. G. Lazarev, Chen' TSziun'-linn [Ch'ên Chun-liang]. Probl. pered. inform. no. 8, 20-44 '61

Evaluation of the complexity of a switching circuit. Chen' TSziun'-lian, [Ch'ên Chün-liang]. Probl. pered. inform. no. 8 45-68 '61.

Graphic construction of switching circuits with bypass paths. V. N. Roginskii. Probl. pered. inform. no. 8 67-73 '61.

Measure of the order of Boolean functions. IU. L. Sagalovich. Probl. pered. inform. no. 8;80-108 '61

Principles of designing a contactless machine for the synthesis of switching circuits. V. G. Lazarev, O. A. Oganov, V. N. Roginskii. Probl. pered. inform. no. 8 3-19 '61.

Semigraphical method for the synthesis of contactless switching circuits. V. G. Lazarev, O. A. Oganov. Probl. pered. inform. no. 8;109-120 '61.

Switching circuits with parametric functions and many-valued logic. T. L. Maistrova, V. N. Roginskii. Probl. pered. inform. no. 8;121-131 '61.

SWITZERLAND—POLITICAL CRIMES AND OFFENSES

Victims of the "Bloody hand" (to be concluded). Az. i Afr. seg. no. 6;38-41 Je '61.

SWITZERLAND—WORLD WAR, 1939-1945
Operation Tannenbaum. L. Leshchinskii. Nov. vrem. 19 no 30 12-14 Jl '61.

SWORDFISH see subdivision under Pacific Ocean

SWORDS see subdivision under Anna District, Vilyuysk District

SYENITE see subdivision under Tselinograd Province

SYMPATHETIC NERVOUS SYSTEM see Nervous system, Sympathetic

SYNCHROTRON
Storage ring for a Frascati type electron synchrotron B. IA. Atom energ. 10 no 6:636 Je '61.

SYNNEMATIN
Studies on a possibility of the synthesis of synnematin by P. chrysogenum [with summary in English]. V. A. Severin, T. P. Verkhovtseva. Antibiotiki 5 no. 3:11-15 My-Je '60.

SYNTHETIC FABRICS—EXHIBITIONS
Kaleidoscope of colors. A. IA. Stepanova. Nauka i zhizn' 28 no 5 65-67 My '61

SYNTHETIC FIBERS see Textile fibers, Synthetic

SYNTHETIC RUBBER see Rubber, Synthetic

SYPHILIS
(see also subdivision under Floreshty)
Histomorphological changes in the roseolous syphilides of the skin in syphilitic patients treated with bitsillin 1. Kh. Kh. Khusanov, N. P. Krut'ko. Med. zhur. Uzb. no. 1: 55-58 Ja '61.
Observations on the treatment of syphilis without arsenic [with summary in English]. S. S. Gorbulev. Sov. med. 25 no. 5:114-117 My '61.
Sound-treated antigens in the serodiagnosis of syphilis and gonorrhea. N. M. Ovchinnikov and others. Lab. delo 7 no. 7 38-41 Jl '61.

SYRINGOMYELIA
Investigation of the sensation of pruritis in lesions affecting the pathways of the spinal cord [with summary in French]. A. S. Dyshko. Shor. nauch. rab. po lepr. i derm. no. 13:71-77 '59

SYRYENIANS see Komi

SYSTEMS (CHEMISTRY)
Akademiia nauk SSSR. Institut obshchei i neorganicheskoi khimii. [Manual on the fusibility of the systems consisting of anhydrous inorganic salts] Spravochnik po plavkosti sistem iz bezvodnykh neorganicheskikh solei. Sost. N. K. Voskresenskaia i dr. Moskva.
Vol. 1. [Binary systems] Dvoinye sistemy. 1961. 846 p.
Fusibility in a system consisting of sodium and potassium fluorides and silicates. N. A. Shul'ga, A. G. Bergman. Zhur. neorg. khim. 5 no. 3:649-653 Mr '60.
Kashkarov, O. D. [Graphic calculations of salt systems] Graficheskie raschety solevykh sistem. Leningrad, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1960. 430 p. (Leningrad. Vsesoiuznyi nauchno-issledovatel'skii institut galurgii. Trudy, no. 38)
Korolkov, I. L., and P. B. Budberg. [Phase diagrams of two- and three-component systems of titanium] Diagrammy sostoianiia dvoinykh i troinykh system titana. Moskva, Vses. in-t nauchnoi i tekhn. informatsii, 1961. 172 p.
Stable section of a quaternary reciprocal system consisting of chlorides and sulfates of sodium, cobalt, and nickel. K. A. Bol'shakov, P. I. Fedorov, V. N. Nepomiashchaia. Zhur. neorg. khim. 5 no. 3:660-663 Mr '60.
System $Na^+, Ca^{++} \parallel SO_4 = HCO_3^- - H_2O$ at 25°C and $P_{CO_2} \sim 1$ atm. IU. P. Nikol'skaia, I. A. Moshkina. Trudy Khim. -met. inst. Zap. -Sib. fil. AN SSSR no. 12 3-10 '58.
System $Na^+, Mg^{++} \parallel SO_4^{--}, HCO_3^- - H_2O$ at 25°C and $P_{CO_2} \sim 1$ atm. IU. P. Nikol'skaia, I. A. Moshkina. Trudy Khim. -met. inst. Zap. -Sib. fil. AN SSSR no. 12, 11-15 '58.

SYSTOX
Reactivation of cholinesterase and experimental treatment of mercaptophos poisoning. IU. S. Kagan. Pat. fiziol. i eksp. terap. 5 no. 1:63-65 Ja-F '61.

SZAIBELYITE
Some geochemical characteristics of the ascharitization of magnesian-ferruginous borates [with summary in English]. S. M. Aleksandrov. Geokhimiia no. 6:493-499 '61.

TACHYMETER
Tunnel tachymeter of the Ministry of Transportation Construction. V. G. Afanas'ev. Transp. stroi. 11 no. 5: 19-20 My '61.

TAGANROG—COMMUNIST YOUTH LEAGUE
Everything should be beautiful in man. V. L'vov. Komsom. zhizn' no. 2:19-23 Ja '60.

TAGANROG—TEACHERS, TRAINING OF
Schools should have experienced teachers. K. Khor'kov. Nar. obr. no. 6:33-34 Je '61.

TAGORE, RABINDRANATH, 1861-1941
Great humanist, on the centennial of the birth of Rabindranath Tagore. A. A. Guber. Vest. AN SSSR 31 no 5: 67-71 Je '61.
Our great friend, on the 100th anniversary of the birth of Rabindranath Tagore. Lev Nikulin. Moskva 5 no 5 204-205 '61.
Rabindranath Tagore. E. P. Chelyshev. Nauka i zhizn' 28 no. 5:60-69 My '61.
Rabindranath Tagore, the friend of the Russian people. Az. i Afr. seg. no. 3:58 Mr '61.
Rabindranath Tagore in Russia. E. Borovik. Az. i Afr. seg. no. 3:36-40 Mr '61.
Several days with a poet [with English summary in insert]. F. Petrov. Az. i Afr. seg. no 5:39-10 My '61
Tagore the novelist. N. Makarova. Vop. lit. 5 no. 6:170-187 Je '61.

TAILINGS (METALLURGY)
(see also subdivision under Armenia; Mirgalimsay)
Storage of tailings of ore dressing plants. L. IA. Shubov. TSvet. met. 31 no 2-60-93 F '61
Transporting tailings to the dump on conveyers. A. D. Omel'chenko. Gor. zhur. no 6:75-77 Je '61.

TAJIK DEPRESSION—WATER, UNDERGROUND
Hydrogeological zonation of the Tajik Depression [with summary in English]. V. S. Samarina. Vest. LGU 18 no. 12:70-83 '61.

TAJIK LANGUAGE—DIALECTS
Rastorgueva, V. S. [Outline of Tajik dialects] Ocherki po tadzhikskoi dialektologii. Moskva, Izd-vo Akad. nauk SSSR.
No. 4. [South Fergana dialects (Rishtan, Sokh) and dialects of the Ura-Tyube group] IUzhnoferganskie govory (Rishtan, Sokh) i govory ura-tiubinskoi gruppy. 1961. 222 p.

TAJIKISTAN—ACCOUNTING—CONGRESSES
Conference on problems of accounting and reports in the Tajik S. S. R. M. P. Vest. stat. no 6:79 '61

TAJIKISTAN—ASCARIDS AND ASCARIASIS
Focus for the diffusion of ascariasis in a rural locality. V. F. Burmakina. Zdrav. Tadzh. 8 no. 3:31-35 My-Je '61.

TAJIKISTAN—CANCER
Chief problems in the organization of measures against cancer in the Tajik S. S. R. A. I. Pachos. Zdrav. Tadzh. 8 no. 3:3-6 My-Je '61.

TAJIKISTAN—CONJUNCTIVA—DISEASES
Case of virus diseases of the conjunctiva resembling trachoma in Tajikistan. V. B. Geft. Zdrav. Tadzh. 8 no. 3:19-21 My-Je '61.

TAJIKISTAN—DIET
Proper diet. Zdrav. Tadzh. 8 no. 3:58-59 My-Je '61.

TAJIKISTAN—MEDICINE—BIBLIOGRAPHY
Novskii, V. A. [Medicine in Tajikistan; bibliographic index of literature on the history and contemporary status of medicine and public health in Tajik S. S. R.] Meditsyna v Tadzhikistane, bibliograficheskii ukazatel' literatury po istorii i sovremennomu sostoianiiu meditsyny i zdravookhraneniia v Tadzhikskoi SSR. Pod red. V. S. Vail'. Stalinabad, Gos. nauchn. med. biblioteka, 1959. 380 p.

TAJIKISTAN—MINERAL WATERS
Mineral waters of Soviet Tajikistan. I. M. Saliev. Zdrav. Tadzh. 8 no. 3:6-8 My-Je '61.

TAJIKISTAN—POLIOMYELITIS
Paralytic poliomyelitis in Tajikistan in 1960. L. G. Rapoport, V. K. Shikhalieva. Zdrav. Tadzh. 8 no. 3: 21-26 My-Je '61.

TAJIKISTAN—PUBLIC HEALTH
Some results of fulfilling the yearly plan and budget by public health organizations. N. Leonov. Zdrav. Tadzh. 8 no. 3:57-58 My-Je '61.

TAJIKISTAN—SCARABAEIDAE
Description of the larvae of three species of the lamellicorn superfamily (Coleoptera, Lamellicornia) from Tajikistan. S. I. Medvedev. Ent. obozr. 40 no. 2: 385-389 '61.

TALAKHTAKH VALLEY—DIKES (GEOLOGY)
Sandstone dikes in Sinaean dolomites on the Talakhtakh River (Anabar region). A. V. Ukhanov. Inform. biul. NIIGA no. 18:21-23 '60.

TALAS VALLEY—GOITER
Reduction of thyroid endemia in the Talas Valley. I. D. Pefti. Izv. AN Kir. SSR. Ser. biol. nauk 2 no. 6:31-35 '60.

TALLINN—DEPARTMENT STORES
House of Commerce in Tallinn. Stroi. i arkhit. Len. 23 no. 4:36 Ap '61.

TALLOW TREE see subdivision under Batum

TAMAN' PENINSULA—IRON ORES
Composition and origin of the Kerch and Taman' brown iron-ore deposits. A. U. Litvinenko. Izv. vys. ucheb. zav., geol. i razv. 4 no. 1 44-57 Ap '61

TAMBOV PROVINCE—BARNS
Simplified building for fattening cattle. M. Chernyshev. Sel'. stroi. 16 no. 5:8-9 My '61

TAMBOV PROVINCE—CORN (MAIZE)
Corn cultivation practices for increasing the yields of stalks and ears at the soft dough stage in Tambov Province. IU. D. Lugovityn. Dokl. TSKhA no. 59:77-83 '60.

TAMBOV PROVINCE—MAPS
Geographical atlas of Tambov Province. Z. I. Martynova, A. A. Mints. Geod. i kart. no. 6,66-68 My '61

TANGANYIKA—ECONOMIC CONDITIONS
Is Tanganyika free? [with English summary in insert]. V. Katsman. Az. i Afr. seg. no. 5,18-21 My '61

TANGANYIKA—POLITICS AND GOVERNMENT
Is Tanganyika free? [with English summary in insert]. V. Katsman. Az. i Afr. seg. no. 5,18-21 My '61

TANGERINE see subdivision under Batum

TANK CARS
If you are wrong you must compensate the injured party. M. TSvetkov. Sov. iust. no 12:15 Je '61.

TANK CARS—CLEANING
Mechanization of external washing and cleaning of tank cars. P. N. Chernyshev, IU. G. Chursin. Mekh. i avtom. proizv. 15 no 6:34-37 Je '61

TANK TRUCKS
Tank truck for transporting gases. Na stroi. Ros. no. 4: 13 Ap '61.

TANK VESSELS
(see also subdivision under Spain, Sweden)
Advanced technology for barge construction. Mor. flot 21 no. 3,48 F '61.
Graphs for an approximate determination of elements and of the propulsive speed of single-screw tankers. V. M. Veksler. Sudostroenie 27 no 6,10-12 Je '61.
Shallow tanker for river service. S. V. Kniazev. Sudostroenie 27 no 5:1-2 My '61
Structural defects in tank vessels of project no. 866. G. Orlin. Rech. transp. 20 no. 6:40 Je '61
What then should be the design of river tank vessels? M. Rabei. Rech. transp. 20 no 6:19 Je '61.

TANK VESSELS—CLEANING
Hydraulic giant for the cleaning of petroleum tank vessels for petroleum product residues. V. Shcherbakov, O. Kortnev. Rech. transp. 20 no 6:45-46 Je '61.

TANK WARFARE
Beacon lights among our soldiers tell their story. IU. Pronikin. Sov. voin 41 no. 10:2-3 My '61.

TANKS
(see also subdivision under England)
Mesh-reinforced concrete tanks. IA. Rudenko. Stroitel' no. 5:5-6 My '61.
New model precast tank. N. IA. TSukerman. Stroi. i arkhit. Len. 23 no. 5:39-40 My '61.
Petroleum tanks made of precast reinforced concrete. G. Vizirian. Na stroi. Ros. no. 2:17-19 F '61.
Ways of prestressing cylindrical-reinforced concrete tanks. K. G. Kuz'min. Bet. i zhel.-bet. no. 5:201-204 My '61.

TANKS—WELDING
Argon-arc welding of aluminum tanks. A. M. Gofner, V. V. Zheltenkov. Svar. proizv. no. 6:32-34 Je '61.

TANNINS
Extraction of tannin from willow bark with sodium sulfite. N. V. Volkov, M. I. Karpman. Kozh.-obuv. prom. 3 no. 3:32-33 Mr '61.
A review of F. S. Pervukhin's article "Polygonum coriarium Grig., a new tannin plant," (no. 9, 1959). S. E. Korovin. Bot. zhur. 46 no. 6:909-910 Je '61.

TANNU-TUVA see Tuva Autonomous Province

TANSY see subdivision under Transbaikalia

TANTALATES
Gliuzburg, A. L., and others. [Titanates, tantalates, and niobates] Titano-tantalo-niobaty. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr. (Geologiia mestorozhdenii redkikh elementov, no. 10) Part. 1. 1960. 166 p.

TANTALUM
Direct amperometric titration of zirconium by complexon III with a rotating tantalum microelectrode. V. A. Khadeev, F. F. Kvashina. Izv. vys. uchob. zav. khim. i khim. tekh. 3 no. 2:251-257 '60.

TANTALUM—ELECTROMETALLURGY

Obtaining plastic tantalum from electrolytic powders V M Amosov TS.et met. 34 no.6 65-72 Je '61.

TAPE AND WIRE RECORDERS AND RECORDING see Magnetic recorders and recording

TAPEWORMS see subdivision under Issyk-Kul' region

TAPS AND DIES

Tap designed by B. F. Danilov. IU. Stepanenko. Mashinostroitel' no. 6 19 Je '61.

TARBAGATAYSKIY DISTRICT—IRRIGATION FARMING

Utilize water resources of the district. T. Fornev Nar. khoz Kazakh 19 no. 6 73-75 Je '61.

TARGETS (MILITARY SCIENCE)

Automatic control of outdoor lighting I Kalmykov. Tyl i snab Sov Voor Sil 21 no 2 85-86 F '61

TARUTINO DISTRICT—AGRICULTURE—STUDY AND TEACHING

Institute at a state farm. V. Golovchenko. Komsom zhizn' no 24 12-13 D '59

TASHAUZ PROVINCE—BONES—TUBERCULOSIS

Materials from an inquiry into osteoarticular tuberculosis in Tashauz Province G A Amanov Zdrav Turk 5 no 10-11 Ja-F '61

TASHKENT—GOITER

Thyroid function in healthy subjects and in residents of Tashkent with goiter as revealed by data on the absorption of radioactive iodine R K. Islambekov Med zhur Uzb no 5 20-23 My '61.

TASHKENT—PRECAST CONCRETE

Tashkent large-panel housing construction combine. N. N. Davydov, IU. M. Shislag. Mekh. strol. 18 no. 4 19-20 Ap '61.

TASHKENT—THYROID GLAND—DISEASES

Results of iodine prophylaxis in the endemic enlargement of the thyroid gland in Tashkent school children D O Obltiarov Med. zhur. Uzb no 5 23-25 My '61.

TASHKENT PROVINCE—OPHTHALMOLOGICAL SOCIETIES

Report on the work of the Tashkent Province Ophthalmological Society for 1960 T. IA Kasymov, S S Komissarova Med zhur Uzb no 5 78-79 My '61

TASHKENT REGION—ALHAGI

Formation of Alhagi stands P. O Gushchin Uzb. biol. zhur. no. 3 20-35 '61

TATAR A. S. S. R.—BOTANICAL RESEARCH

Department of Geobotany and Plant Systematics. M. V. Markov. Uch. zap. Kaz un. 120 no. 3:3-22 '60.

TATAR A. S. S. R.—CONSTITUTION

Tatar A. S. S. R. Constitution. [Constitution (fundamental law) of the Tatar Autonomous Soviet Socialist Republic; with amendments adopted at the first, third, and fifth sessions of the Fifth Supreme Soviet of the Tatar A. S. S. R.] Konstitutsiia (osnovnoi zakon) Tatarskoi Avtonomnoi Sovetskoi Sotsialisticheskoi Respubliki. S izmeneniiami i dopolneniiami, priniatymi na I, III, V sessiiakh Verkhovnogo Soveta Tatarskoi ASSR piatogo sozyva. Kazan', Tatarskoe knizhnoe izd-vo, 1961. 25 p.

TATAR A. S. S. R.—FIELD CROPS—DISEASES AND PESTS

In the Tatar A. S. S. R. P. A. Alekseenko, A. M. Shamaeva. Zashch. rast. ot vred. i bol. 5 no. 1-33-34 Ja '60.

TATAR A. S. S. R.—GEOLOGY, STRATIGRAPHIC

Sediments of the Moscovian stage in central and northern areas of the Tatar A. S. S. R. V G. Khalymbadzha. Uch. zap. Kaz. un. 120 no. 4-12-30 '60.

TATAR A. S. S. R.—PHYSIOLOGY—RESEARCH

Department of Human and Animal Physiology. I. G. Validov. Uch. zap. Kaz. un. 120 no. 3:75-105 '60.

TATAR A. S. S. R.—PLANT PHYSIOLOGY—RESEARCH

Department of Plant Physiology and Microbiology. A. M. Alekseev. Uch. zap. Kaz. un. 120 no. 3:23-32 '60.

TATAR A. S. S. R.—SEDIMENTS (GEOLOGY)

Lower Vise terrigene sediments of the Tatar A. S. S. R N P. Beteiev. Biul MOIP. Otd. geol 34 no 5 155 S-O '59

TATAR A. S. S. R.—SOIL RESEARCH

Department of Soil Science. A. V. Koloskova. Uch. zap. Kaz. un. 120 no. 3:33-55 '60.

TATAR A. S. S. R.—ZOOLOGICAL RESEARCH

Department of Invertebrate Zoology. N. A. Livanov. Uch. zap. Kaz. un. 120 no. 3:56-64 '60.

Department of Vertebrate Zoology. A. I. Shmidtov. Uch. zap. Kaz. un. 120 no. 3:65-74 '60.

TATARBUNARY DISTRICT—AGRICULTURAL ADMINISTRATION

Effective work of a party committee of a collective farm. V. Bobova'kyi. Komm. Ukr. 36 no. 7:54-61 Jl '61.

TAUTOMERISM

Tautomerism of nitro compounds. Report 3. Effect of temperature and ionic strength of solutions on the rates of phenylnitromethane tautomeric transitions. V. M. Belikov and others. Izv. AN SSSR Otd. khim. nauk no. 6 1108-1111 Je '61

TAX ACCOUNTING

Kozhukh, S. A., and others. [Deductions from profit] Otchisleniia ot pribyli. Moskva, Gosfinizdat, 1961. 162 p.

TAYATY REGION—IRON ORES

Chemical processes in the formation of the Tayaty iron ore deposit (Eastern Sayans) [with summary in English] D V Kalinin Geokhimiia no 7 616-622 '61.

TBILISI see Tiflis

TEA—HARVESTING

Mechanized harvesting of tea. Sh. IA. Kereselidze. Trakt. i sel'khozmash. 31 no. 6-33-34 Je '61.

TEA—IRRIGATION

Lebedev, G. V. [Tea cultivation under irrigation] Chainyi kust v usloviiakh oroshenila. Moskva, Izd-vo Akad. nauk SSSR, 1961. 103 p.

TEACHERS

Masters of pedagogical work. M. Lysak Nar. obr. no. 7 115-117 Jl '61

TEACHERS—LEAVES OF ABSENCE

Issuing additional leave to school teachers and teaching staff of higher and secondary special schools in connection with their work in the Far North and equivalent territories Biul Gos kom. po vop. truda i zar. platy no 1 79 '61

TEACHERS, TRAINING OF

(see also subdivision under Orenburg Province, Taganrog, Tyumen' Province)

Let's improve scientific training and pedagogical skill. A. I Vasil'kov, G. A. Kuprilanov, K. K. Dubina Vest vys shkoly 10 no 6 67-69 Je '61

TEACHING

(see also subdivision under Kostroma Province, Sakhty, Serpukhov)

Bibliographer's page ("Pioneers camp" by B. Balanenko and others, "Teacher's pedagogical tact in working with students of different temperaments" by T. IAkusheva, book review). Nar. obr. no 6:120 Je '61

Director, teacher, and student, all are responsible. T. Panfilova. Nar. obr no 7:19-23 Jl '61.

From the history of the role of the class leader. A. I. Dulov. Uch. zap Irk gos ped inst. inostr. iaz. no. 3: 77-96 '59.

Meditations of a rural teacher and academician ("Believe in man" by V. A. Sukhomlinskii. Reviewed by G. Volkov). Nar. obr. no. 6:113-115 Je '61.

Treasure chest of pedagogical experience. Nar. obr. no. 6-58 Je '61.

TEACHING—BIBLIOGRAPHY see Bibliography—Teaching

TEBERDA VALLEY—ROCKS

Petrology of the Paleozoic metamorphic and igneous rocks in the gorge of the Teberda River N F. Tatrishvili Trudy AN Gruz. SSR. Min. i petr ser. 5 85-114 '61

TECHNICAL ASSISTANCE, GERMAN see subdivision under India

TECHNICAL ASSISTANCE, RUSSIAN

(see also subdivision under India)

For the happiness of mankind. Sakhib Sing Sokkhei. Az. i Afr. seg. no. 6:3 Je '61.

In the notebooks of propagandists. Komm. Bel. 35 no. 3-58-60 Mr '61.

TECHNICAL CHEMISTRY see Chemistry, Technical

TECHNICAL EDUCATION

(see also subdivision under Armenia; Dubossary; Erivan; Moscow Province)

In a technical study room. M. Ushakov. NTO 3 no. 6: 16-17, 44, 45, 46, 47, 49, 50, 51 Je '61.

In ministries and departments. Komsom. zhizn' no. 24:31 D '59.

Russia (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. [Admission rules and examination requirements for entrance to the secondary specialized schools of the U. S. S. R. in 1961] Pravila priema i programmy priemnykh ekzamenov dlia postupaiushchikh v srednie spetsial'nye uchebnye zavedeniia SSSR na 1961 god. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 47 p.

Russia (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. [Handbook for students entering secondary specialized schools of the U. S. S. R. (technical schools) in 1961] Spravochnik dlia postupaiushchikh v srednie spetsial'nye uchebnye zavedeniia SSSR (tekhnikumy, uchilishcha, shkoly) v 1961 g. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 335 p.

School of scouts. V. Agranova. IUn. tekh. 5 no. 3 52-56 Mr '61.

Where to study? Sel' mekh no. 6-12 '61.

TECHNICAL LIBRARIES

Promoting technical literature among workers and engineers T. N. Zotova Bibliot SSSR no. 10 31-45 '61

Technical and economic literature on the Angara Industry A. I Korchinskii. Sakh. prom 35 no. 6. 70-79 Je '61

TECHNICAL SOCIETIES

(see also subdivision under Leningrad)

Activity of the Scientific Technological Society of the Ferrous Metallurgy. NTO 3 no. 6-20-21 Je '61

For active mass organizations of scientific technological societies. V. Fitisov. NTO 3 no. 6-36-37 Je '61

Let us fulfill our pledges. NTO 3 no. 6-1-2 Je '61.

What we get from scientific technological societies IU. IUdin, A. Trofimova. NTO 3 no. 6-45 Je '61.

TECHNOLOGICAL INNOVATIONS

(see also subdivision under Armenia, Germany, East, Kaluga Province)

Brief news. Mashinostroitel' no. 6-13, 15, 20, 29, 32, 35 Je '61.

Develop and introduce. S. Folumenov, Izobr. i rats. no. 26 Jl '61.

Disseminate the experience of scientific technological societies ("Scientific and technological achievements in industry" by K. Stepanov). Reviewed by G. Kosmal'. Mashinostroitel' no. 6-47 Je '61.

Following up our articles. Izobr. i rats. no. 7-34 Jl '61

From an IR technician's notebook. Izobr. i rats. no. 6 15-17 Je '61.

From different countries. Izobr. i rats. no. 7-17 19 Jl '61.

From readers' letters. NTO 3 no. 6-47 Je '61.

From the notebook of the technologist of "Izobretatel'-Ratsionalizator." Izobr. i rats. no. 7 35-37 Jl '61

Gendler, G. Kh. [Wages and technological progress] Zarabotnaia plata i tekhnicheskii progress. Moskva, Gos. izd-vo polit. lit-ry, 1961. 113 p.

How to eliminate primitive methods? V. Karasev. Izobr. i rats. no. 7:4-5 Jl '61

In the world of science and technology abroad. Prom. Arm. 4 no. 2.63-65 F '61.

In the world of science and technology abroad. Prom. Arm. 4 no. 3:68-70 Mr '61.

In the world of science and technology abroad. Prom. Arm. 4 no. 1.70-71 Ja '61.

In the world of science and technology in the U. S. S. R. Prom. Arm. 4 no. 1-67-69 Ja '61

In the world of science and technology in the U. S. S. R. Prom. Arm. 4 no. 2-61-63 F '61.

In the world of science and technology in the U. S. S. R. Prom. Arm. 4 no. 3-66-68 Mr '61

In the world of technology. Mekh. stil. hosp. 12 no. 7 13 Jl '61.

Income-tax exemptions. Izobr. i rats. no. 6-35 Je '61

Letters to the editor. Izobr. i rats. no. 7-13, 24 Jl '61.

News from abroad. NTO 3 no. 6-63 Je '61.

News of Soviet mechanical engineering. NTO 3 no. 6 61-62 Je '61.

Readers' letters. Izobr. i rats. no. 6-34-35 Je '61.

Suggested, created, introduced. Izobr. i rats. no. 6-12-17 Je '61.

Suggested, created, introduced. Izobr. i rats. no. 7 30-31 Jl '61.

Suggestions of innovators in the economic councils of the R. S. F. S. R. S. S. Fainzinger. Biul. tekh.-ekon. inf. no. 6:75-77 '61.

Supreme Court of the U. S. S. R. interprets. I. Gringl'ts Izobr. i rats. no. 6:32-34 Je '61.

Technological development (review of the bulletin "Ideia gradskaia promyshlennost'") Mekh i avtom proizv 15 no 6.59-60 Je '61

Technological progress and industrial safety B. Pichugskii. Sots trud 6 no. 5-61-64 My '61.

Ten billions in six years. Izobr. i rats. no. 7-1 Jl '61

Toward the 22d Congress of the CPSU Mekh i avtom proizv. 15 no. 6:1-3 Je '61

Wishing you success, friends. Izobr. i rats. no. 7-2-3 Jl '61.

Workers of the machinery industry to the 22d Congress of the CPSU. Mashinostroitel' no. 6:1 Je '61.

TECHNOLOGY

In foreign countries. Prom. Arm. 4 no 4-66-69 Ap '61

Kuznetsov, V. I. [Achievements in the field of technological progress in the U. S. S. R.] Dostizheniia v oblasti tekhnicheskogo progressa v SSSR. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 300 p.

A little bit about many things. Nauka i zhizn' 28 no 5 70-71 My '61.

News from five continents. IUn. tekh. 5 no. 3:19-30 Mr '61.

To the aunt Konstantin Kudievskii. Sov. Ukr. 11 no. 4-3-7 Je '61.

TECHNOLOGY—BIBLIOGRAPHY see Bibliography—Technology

TECHNOLOGY—COMPETITIONS
"Contribution of Young Technicians to their Country" contest continues. IU. Stoliarov. IUn. tekh. 5 no. 3: 37-38 Mr '61.

TECHNOLOGY—DICTIONARIES
Akademiia nauk Gruzinskoi SSR, Tiflis. Institut iazykoznaniia. [Technical terminology; Georgian-Russian part] Tekhnicheskaia terminologiia, Gruzinsko-russkaia chast'. Pod red. V. M. Beridze, R. R. Dvali i R. B. Gamkrelidze. Tbilisi, 1960. 459 p.

TECHNOLOGY—INFORMATION SERVICES
Peynov, N. I. [Planning and organizing the dissemination of scientific and technical information in industry] Planirovanie i organizatsiia nauchno-tekhnicheskoi informatsii v promyshlennosti. Moskva, Gos. izd-vo planovo-ekon. lit-ry, 1961. 188 p.

TECHNOLOGY AND CIVILIZATION
Work and knowledge I Changli Sov. profsoiuzy 17 no 12 17-19 Je '61

TECHNOLOGY CLUBS see subdivision under Chelyabinsk, Stalingrad

TEETH
Age determination and age relationships in mammals exemplified in the squirrel, the muskrat, and five carnivore species. V. S. Smirnov. Trudy Inst. biol. UFAN SSSR no 14:97-112 '60.
Materials on the development of teeth and determination of age in sperm whales. A. A. Berzin. Trudy sov. ikht. kom. no 12 94-103 '61.

TEETH—DISEASES
Highmoritis of dental origin [with summary in English]. N. I. Zaslavskii. Zhur. ush., nos. i gorl. bol. 21 no. 2: 50-53 Mr-Ap '61.

TEHERAN CONFERENCE, 1943
Teheran Conference of the leaders of the three great powers Mezhdunar. zhizn' 8 no 7:176-190 Jl '61

TEKELI (AKTYUBINSK PROVINCE)—ORE DRESSING
Improving the technology of Tekeli deposit ore dressing. V. A. Borodina. Trudy Inst. met. i obogashch. AN Kazakh. SSR 3:78-84 '60.

TEL'BES REGION—XENOLITHS
Xenoliths in magnetites from dikes in the Tel'bes deposit. E. V. IAroshinskii, V. N. Sergeev. Geol. rud. mestorozh. no. 3:98-102 My-Je '61.

TELECOMMUNICATION
(see also subdivision under Estonia; Latvia)
Calculation of the number of channels of multichannel systems with interspace time-pulse modulation. B. R. Levin, V. S. Rozanov. Elektrosviaz' 15 no. 6:10-14 Je '61.
Certificates of invention. Elektrosviaz' 15 no. 5:76 My '61.
Certificates of invention. Elektrosviaz' 15 no. 7:73-76 Jl '61.
Development is taking place in every field of communication and service to the public is improving. S. G. Volkov, L. IA. IAkovlev. Vest. sviazi 21 no. 3:17-19 Mr '61.
For further development and improvement of means of radio communication, radiobroadcasting, television, and wire broadcasting. Vest. sviazi 21 no 5:1-2 My '61.
Foreign patents. Elektrosviaz' 15 no. 6:74-75 Je '61.
Means of telephone and telegraph communications should be under the same administration. P. P. Zotov, M. I. Sunisovich. Vest. sviazi 21 no. 3:23-24 Mr '61.
Smirnov, B. V. [Communications in agriculture] Sviaz' v sel'skom khoziaistve. Izd. 2., perer. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 407 p. (Uchebniki i uchebnye posobiia dlia massovykh kadrov)
Television across thousands of kilometers. F. Chestnov. IUn. tekh. 5 no. 3:43-47 Mr '61.
Use of power networks for the transmission of information. V. V. Sidel'nikov, IU. A Morozov Vest. AN SSSR 31 no. 6:99-100 Je '61.
We are helping the lagging communications departments to reach the ranks of the leaders. V. O Lozovitskaia. Vest sviazi 21 no. 4 29 Ap '61.
Work of the trade unions should contribute to the solution of new problems. Vest. sviazi 21 no. 3:1-2 Mr '61.

TELECOMMUNICATION—ACCOUNTING
Improve the business accounting in design bureaus. L. V. Rybinskaia, M. L. Kal'chitskii. Vest. sviazi 21 no. 3: 14-15 Mr '61.

TELECOMMUNICATION—BIBLIOGRAPHY see Bibliography—Telecommunication

TELECOMMUNICATION—CONGRESSES
Let's prepare for the 22d Congress of the CPSU. Vest. sviazi 21 no. 3:16 Mr '61.

TELECOMMUNICATION—EMPLOYEES
Celebrate the 22d Congress of the CPSU with renewed labor achievements. Vest. sviazi 21 no. 4.1-2 Ap '61.
Collectives of communication workers are accepting greater responsibilities. Vest. sviazi 21 no. 4 3 Ap '61.
For communist labor B. G Varshavskii. Vest sviazi 21 no 4 29-30 Ap '61
From the brigades to the enterprises of communist labor S G Vultakh, A V Gorokhvskii, L IA Rivin. Vest sviazi 21 no 5:25-26 My '61
Improve work with communication workers to meet new requirements Vest sviazi 21 no 1 18-21 Ap '61
Leading workers of the socialist competition. Vest. sviazi 21 no. 3:16 Mr '61.
Our methods for increasing the knowledge of communication workers in the field of economics I S Baum. Vest sviazi 21 no 5:15 My '61
Rules governing the bous payments to supervisory, engineering, and specialized personnel S P Kokuin Vest sviazi 21 no 4 30-31 Ap '61

TELECOMMUNICATION—SAFETY MEASURES
The government attaches much importance to industrial safety and safety engineering at the communication enterprises A M Kanaeva. Vest sviazi 21 no 5: 21-23 My '61.

TELEGRAPH
(see also subdivision under Karelia; Moscow, Vladimir Province)
Calculation of the number of channels for a system with direct connections. P. A. Naumov. Vest. sviazi 21 no. 3:13 Mr '61.
Certificates of invention. Vest. sviazi 21 no. 3:3 of cover Mr '61.
Channel multiplexing of telegraph communication systems. V. I. Shlinpoberskii. Elektrosviaz' 15 no. 7 66-70 Jl '61.
Direct connection systems should be used more widely. A. G. Smiragin. Vest. sviazi 21 no. 3:31 Mr '61.
Every type of communication should give good service to the public and the national economy. N. I. Bakhgorskii. Vest. sviazi 21 no. 3:29-30 Mr '61.
Telegraph reporting is simplified. Vest. stat no 6:73 '61.
Test signal transducer. A. V. Gorbunov. Vest. sviazi 21 no. 3:6-8 Mr '61.

TELEGRAPH—AUTOMATIC SYSTEMS
Automatic control of the operation of telegraph communications. P. A. Naumov, G. A. Emel'ianov. Elektrosviaz' 15 no. 7 61-65 Jl '61.
Electronic regenerative transmission N U Korotkov, V. I. Kirsanov, E B Minkin. Vest sviazi 21 no 4 4-5 Ap '61.

TELEGRAPH, WIRELESS
Diversity reception systems of frequency telegraphy and long-distance frequency telegraphy signals. A. I Fal'ko. Vest. sviazi 21 no. 3:8-9 Mr '61
Potential interference rejection and conditions for deriving a method for separate reception of frequency telegraphy signals. I S. Andronov. Elektrosviaz' 15 no. 6 3-9 Je '61.

TELEGRAPH LINES
Parameters of high-frequency communication channels using overhead and cable electric power transmission lines. M. V. Kostenko, V. V. Sidel'nikov, V. N. Orlov. Sbor. rab. po vop. elektromekh. no. 5 240-251 '61.
Survey of the general trends in the development of long-distance and municipal wire communications technology. R. M. Lakernik, D. L. Sharle, V. O. Shvartsman. Elektrosviaz' 15 no. 6:62-67 Je '61.

TELEMETERING
Acoustical thermometer for telemetry measurements. A. D. Brodskii, V. V. Kovalevskaia. Sbor. rab. po vop. elektromekh. no. 5:281-287 '61.
Brief report on the activity of the Lvov Institute of Mechanical Engineering and Automation of the Academy of Sciences of the Ukrainian S. S. R. in the fields of automatic control, telemetry, and measuring techniques. H. H. Maksymovych. Avtomatyka no. 3.88-95 '61.
Use of magnetic elements in telemetry code systems. V. E. Chernyshev. Sbor. rab. po vop. elektromekh. no 5: 201-208 '61.

TELEMETERING—EQUIPMENT AND SUPPLIES
Pulse-frequency telemetering transmitting device [with summary in English]. I. A. Liubinskii, V. A Militsina, N. V. Pozin. Avtom. i telem. 22 no. 7:934-938 Jl '61.

TELEPHONE
(see also subdivision under Czechoslovakia)
Calculation of the required number of channels for a long-distance semiautomatic telephone system. O I. Gorshkova. Vest sviazi 21 no. 5:12-13 My '61
Certificates of invention. Vest. sviazi 21 no. 3:3 of cover Mr '61.
Effect of the inversion of a group of telephone channels on the strength of nonlinear interferences. A. P. Chernenko. Elektrosviaz' 15 no. 5:51-57 My '61.
Every type of communication should give good service to the public and the national economy. N. I. Bakhgorskii. Vest. sviazi 21 no. 3:29-30 Mr '61.

TELEPHONE, AUTOMATIC
Carrying capacity of a group of devices serviced by two common systems. G. L. Grigor'ev. Elektrosviaz' 15 no. 6:53-56 Je '61.
Commutation of the speech channel in electronic automatic telephone exchanges. I. M. Gubrenko. Elektrosviaz' 15 no. 7 56-60 Jl '61
Experience in the operation of automatic long-distance telephone communications. S. N. Kuznetsov, N. A. Turkina. Vest. sviazi 21 no. 3:27-28 Mr '61.
Modernization of the equipment of rotary automatic telephone exchanges M F Kopp, A IA Markovich, M N. Pisker Vest sviazi 21 no 4 10-11 Ap '61.
Principle of designing and electronic controlling device in the register finder stages of crossbar automatic telephone exchanges. N. S Bagrintseva, G G Savvin, Chen' TSziun'-lian Vest sviazi 21 no. 5:8-11 My '61
Program control at automatic telephone exchanges. O. N. Ivanova, Z. S Kokhanova, A. P. TSygankin. Elektrosviaz' 15 no. 5:41-50 My '61.
Use of coupling line sets on the 33-series automatic telephone exchanges V R Ustinov, V. P. Klimanov. Avtom. i telem i sviaz' 5 no. 5 36-37 My '61

TELEPHONE, AUTOMATIC—MAINTENANCE AND REPAIR
Russia (1923- U. S. S. R.) Glavnoe upravlenie signalizatsii i sviazi. [Instructions on the technical maintenance of wire communication systems] Instruktsiia po tekhnicheskomu soderzhaniiu ustroistv provodnoi sviazi. Vsamen instruktsii TsSh/1645 ot 6/VIII 1952 g. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 103 p.

TELEPHONE LINES
Combination method for measuring the shielding of underground and overhead communication networks. V O Shvartsman Vest sviazi 21 no. 4 12-13 Ap '61
Experimental study of high-frequency corona interference on round conductors with a clean surface. V. V Sidel'nikov, A. S Sokhranskii. Sbor. rab. po vop elektromekh no. 5 251-262 '61
New cables for interdistrict communications and wire broadcasting networks. IA. G. Rozenberg. Vest. sviazi 21 no. 3:10-11 Mr '61.
Parameters of high-frequency communication channels using overhead and cable electric power transmission lines. M. V Kostenko, V V Sidel'nikov, V. N. Orlov. Sbor rab. po vop. elektromekh no 5 240-251 '61
Survey of the general trends in the development of long-distance and municipal wire communications technology. R. M. Lakernik, D. L Sharle, V O Shvartsman. Elektrosviaz' 15 no 6.62-67 Je '61
Telephone-television coaxial main line. I. P. Petrushin, G. E. IArtsev. Vest. sviazi 21 no. 3:3-5 Mr '61.

TELEPHONE LINES—BIBLIOGRAPHY see Bibliography—Telephone lines

TELEPHONE LINES—MAINTENANCE AND REPAIR
Russia (1923- U. S. S. R.) Glavnoe upravlenie signalizatsii i sviazi. [Instructions on the technical maintenance of wire communication systems] Instruktsiia po tekhnicheskomu soderzhaniiu ustroistv provodnoi sviazi. Vsamen instruktsii TsSh/1645 ot 6/VIII 1952 g. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 103 p.

TELESCOPE
Continuous control system ensuring the operation of a telescope at a given program. Z. N. Mamedova. Sbor. rab. po vop elektromekh. no. 5:176-188 '61.
Servomechanisms with spherical coordinate converters based on rotating transformers. V P. Egorov. Sbor. rab po vop. elektromekh. no. 5 162-176 '61.

TELESCOPE, REFLECTING see subdivision under Germany, East

TELESHOV, NIKOLAI AFANAS'EVICH
Russian inventor N A. Teleshov. N Semenkevich Kryl. rod 12 no. 6 29 Je '61.

TELEVISION
(see also subdivision under Czechoslovakia)
Early history of present-day television. P. K. Gorokhov. Radiotekhnika 16 no. 6 70-79 Je '61.
Pre-emphasis of television signals in coaxial cable systems. A. K. Oksman. Elektrosviaz' 15 no. 7:37-47 Jl '61.
Sensitivity of television systems with different scanning parameters. S. B. Gurevich. Radiotekh. i elektron. 6 no. 7:1165-1169 Jl '61.
Telephone-television coaxial main line. I. P. Petrushin, G. E. IArtsev. Vest. sviazi 21 no. 3:3-5 Mr '61.

TELEVISION—ANTENNAS
New coaxial cables for television antennas. V. V. Gavriliuk A. N. Malochinskaia, V. A. Aron. Elektrosviaz' 15 no. 6 69-71 Je '61.

TELEVISION—BIBLIOGRAPHY see Bibliography—Television

TELEVISION—NOISE
Concerning the problem of changing the signal to noise ratio introduced into the television system by the transmitting tubes. S B Gurevich Radiotekh i elektron 6 no. 6:982-992 Je '61.

TELEVISION—PICTURE TUBES

Temperature conditions of luminescent screens of kinescopes and cathode-ray tubes of high brightness [with summary in English] S A Tiktin Ukr fiz zhur 6 no 1 93-101 Ja-F '61

TELEVISION—RECEIVERS AND RECEPTION

Samoilov, V. F. [Synchronization of television sweep generators] Sinkhronizatsiia generatorov televizionnoi razvertki. Gos. energ. izd-vo, 1961. 95 p. (Massovaia radiobiblioteka, no. 395)

TELEVISION BROADCASTING

Moscow on the TV screens of Europe. IU. Fokin, V Luchai. Sov. pech no 7, 29-31 Jl '61.

TELEVISION STATIONS

(see also subdivision under Leningrad)

Increasing the power of the standard MTR 2/1 television station. G. V Lurie, I IA Ekabson Vest sviazi 21 no 5, 7-9 My '61

TELLURIUM

Coprecipitation of selenium and tellurium with metal hydroxides V I Plotnikov. Zhur. neorg khim. 5 no. 3 731-737 Mr '60

Crystallization of Bi, Te, and Bi_2Te_3 with the aid of the Peltier effect. S. A. Semenkovich, L. A. Kolomoets, N V Kolomoets. Fiz. tver. tela 3 no. 5 1597-1600 My '61.

Crystallochemistry of sulfides. Report No. 3. Sulfur, selenium, and tellurium of the AX_2 type. G. B. Bokii, IU G Zagal'skaia, E. A. Pobedimskaia. Vest. Mosk. un. Ser. 4 Geol. 16 no. 3 18-33 My-Je '61.

Evaporation of silicon in vapors tellurium V. E. Kosenko, B. A Nesterenko. Fiz. tver. tela 3 no 2 660-662 F '61

Recovery of selenium and tellurium from certain industrial products by sublimation in vacuum. R. A. Isakova, V. N. Nesterov. Trudy Inst. met. i obogashch. AN Kazakh SSR 3 124-133 '60.

TELLURIUM—DECAY

Decay scheme of Te^{131m} [with summary in English]. A. Bedesku and others Zhur. eksp. i teor. fiz. 40 no 1 91-100 Ja '61.

TELLURIUM—METALLURGY

Extraction of tellurium from saturated lead leaching reagents. V. S. Lovchikov and others. Izv. vys. ucheb. zav.; tsvet. met. 4 no. 2, 97-101 '61.

TEMPERATURE—MEASUREMENT

Temperature measurement of calcium carbide poured from a furnace. M. A. Vapnik. Khim. prom. no. 6, 413-416 Je '61.

TEMPERATURE—PHYSIOLOGICAL EFFECT

Effect of dinitrophenol on temperature dependence of the action potential in the giant axon of earthworms [with summary in English]. V. F. Antonov. Biofizika 6 no. 3 317-321 '61.

Effect of temperature on the conduction of excitation in giant axons of the earthworm [with summary in English]. B N Veprintsev, V. F Antonov Biofizika 4 no 5, 541-549 '59.

New method for simultaneous registration of gastric tonus, motor activities, and evacuation in studying the influence of food temperature [with summary in English] IU. K. Vasilenko. Vop. pit. 20 no 2, 28-35 Mr-Ap '61.

Thermal adaptation of muscle fibers of the lake frog (Rana ridibunda) inhabiting warm springs [with summary in English]. B. P. Ushakov, N. V. Zander. Biofizika 6 no. 3, 322-327 '61.

TENDRIAKOV, VLADIMIR FEDOROVICH

"The trial" by V Tendriakov. Reviewed by Vasilii Il'in Sov. profsoiuzy 17 no 12 47 Je '61.

TENOTOMY

Insulin inactivating properties of denervated and tenotomized muscles [with summary in English] G S. Sheves Ukr biokhim zhur. 33 no. 3 332-336 '61.

TENT-CATERPILLARS

Using dendrobacillin for the control of larch spinners [with summaries in English, German, and French] E. V Talalaev Vest. sel'khoz. nauki 6 no 6, 100-105 Ja '61

TER-GAZARIAN, EDGAR LAZAREVICH, 1912-1961

Edgar Lazarevich Ter-Gazarian; obituary. Prom. Arm. 4 no. 3, 76 Mr '61.

TEREK-KUMA CANAL

One more structure of the seven-year plan goes into operation. P. Lobachev. Sel'. stroi. 15 no. 4, 10-11 Ap '61.

TEREK VALLEY—GEOLOGY, STRATIGRAPHIC

Stratigraphy of Cretaceous sediments in the Mardaker Depression (Azerbaijan, Lesser Caucasus). Kh. Alitulia Dokl. AN Azerb. SSR 17 no. 5, 405-409 '61.

TEREPHTHALIC ACID

Changes occurring in the microscopic structure of polyethyleneterephthalate fibers during heating [with summary in English]. A V. Orlova, I P. Nagdaseva Vysokom. soed 3 no 7 953-955 Jl '61.

Preparation of polyethylene terephthalate. N.K. Moshchinskaia, L. I. Zhupiev, V S Olifer. Khim. volok. no. 3 11-15 '61

TEREPHTHALOYL CHLORIDE

Heterochain polyesters. Part 31. Role played by the hydrolysis of aromatic dicarboxylic acid chlorides in the process of interfacial polycondensation [with summary in English]. V. V. Korshak and others. Vysokom. soed 3 no 7 984-990 Jl '61.

Kinetics and mechanism of the initial stage of the polycondensation of terephthaloyl chloride with ethylene glycol. Part 1. Relation between the reaction rate and the polarity of the medium [with summary in English] S G Entelis, G. P. Kondrat'eva, N. M Chirkov. Vysokom. soed 3 no 7 1044-1053 Jl '61

TERNOPOL PROVINCE—OTOLARYNGOLOGICAL SOCIETIES

Report on the activity of the Ternopol Province Otolaryngological Society for 1960. Zhur. ush., nos. i gorl. bol. 21 no. 3, 95-96 My-Je '61.

TERNOPOL PROVINCE—POTATOES—DISEASES AND PESTS

Potato fields are well protected. M. Mazurok. Zashch. rast. ot vred. i bol. 5 no. 1, 37 Ja '60.

TERRACES (GEOLOGY) see subdivision under Vyatka Valley

TERRAMYCIN

Combined use of biolilin, dihydrostreptomycin, and oxytetracycline in the treatment of acute radiation sickness [with summary in English]. M. IA Chaikovskaia, G. E. Vaisberg. Antibiotiki 5 no 3, 30-38 My-Je '60.

Effect of chlortetracycline and terramycin on the blood picture, blood pressure, pulse frequency, and respiration in dogs [with summary in English]. A. M. Dumova, Farm. i toks. 24 no. 2, 186-191 Mr-Ap '61.

TESTING—STANDARDS

Standardizing the methods for frictional and wearing tests. M. M. Tenenbaum. Standartizatsiia 25 no 6, 11-16 Je '61.

TESTING LABORATORIES

State testing laboratories should receive the necessary official literature. N. A. Pleva. Izm. tekh. no. 7, 61 Jl '61.

TESTING MACHINES

Device for bending tests of the thin parts of instruments. V. A. Khokhlov Priborostroenie no 6, 23-24 Je '61.

The 50-P instrument for determining the degree of the machinability of materials. G. A. Kruglov, V. A. Korovin. Priborostroenie no 6, 25 Je '61.

Instrument with a variable measuring force for measuring small parts. T. S. Gladilina. Priborostroenie no. 6, 24-25 Je '61.

Testing machine for detecting defects in steel hoisting ropes. I. B. Vizental', Zh. G Stamashvili. Gor. zhur. no. 5, 49-50 My '61.

TETANUS

Associated vaccine in preventing poliomyelitis, diphtheria and tetanus [with summary in English]. O. G. Andzhaparidze, Z. F. Zubova. Zhur. mikrobiol. epid. i immun. 31 no. 12, 55-59 D '60.

Changes in higher nervous activity of white rats in tetanic intoxication [with summary in English]. IU. A. Gromova, K. N Tkachenko. Zhur. vys. nerv. deiat. 11 no. 2, 370-375 Mr-Ap '61.

Electrophysiological analysis of the pathogenesis in tetanus intoxication [with summary in English] N. N Semenov, A. N Razumeev. Zhur. mikrobiol. epid. i immun 32 no 5, 100-105 My '61

Experience in sublimation drying of concentrated anatoxin [with summary in English] R. A Saltykov, E. M Zemskov, I. V. Nikonov Zhur. mikrobiol. epid. i immun 32 no 1, 117-121 Ja '61.

Immunization with tetratoxoid against wound infection [with summary in English]. A. I Ugleva, I. M Khaustova, V. O Rozhdestvenskaia Zhur. mikrobiol. epid. i immun 31 no. 8, 75-79 Ag '60.

Pathogenesis and treatment of tetanus neonatorum V. I' Bushila, O. Pop. Zhur. mikrobiol. epid. i immun. 31 no 3, 100-104 Mr '60

Possibility of the use of ionizing radiations for the sterilization of various bioproparations Report No 2. Effect of ionizing radiations on antigangrene and anti-tetanus serum (serological and electrophoretic study) [with summary in English] I. M Goncharenko Zh. mikrobiol. epid. i immun 32 no 1, 121-125 Ja '61.

Regularities in complex immunization with sorbed formalene and tetanus toxoids [with summary in English] A. K Akatov. Zhur. mikrobiol. epid. i immun. 31 no. 8, 81-87 Ag '60

Studies on compound active immunization against tetanus and leptospirosis under experimental conditions. Report No 1. Studies on the effectiveness of associated immunization by means of a study on dynamics of antibody formation [with summary in English] M. G Glovatskaia. Zhur mikrobiol. epid. i immun. 32 no. 2, 107-110 F '61.

Studies on the structure of the tetanus toxin by means a diffusion gel precipitation method [with summary in English] A IU. Illiutovich. Zhur. mikrobiol. epid. i immun 32 no 3, 76-80 Mr '61.

Study of the sensitizing properties of tetanus toxoids in experiment Report No 1 [with summary in English] N. S. Kashintseva and others Zhur. mikrobiol. epid. i immun 32 no. 1, 126-129 Ja '61

Use of ionizing radiation in sterilizing tetanus anatoxin Report No. 2 [with summary in English] I M. Gorbatenko Zhur mikrobiol. epid. i immun 32 no 5, 97-101 My '61

TETRACYCLINE

Effect of tetracyclines on the adrenals in rabbits [with summary in English] Z A Popenenkova. Antibiotiki 5 no. 3, 44-48 My-Je '60.

Study of tetracyclines in human blood serum by means of electrophoresis [with summary in English] I. M IAkobson, V M Grigor'eva. Antibiotiki 5 no 3, 60-My-Je '60.

TETRALOGY OF FALLOT

Late results of aortopulmonary anastomosis in dextraposition of the bulbus cordis (tetralogy of Fallot) [with summary in English]. E. N. Meshalkin, V. S. Sergeiskii, E. E. Kabachevskaia. Eksper. khir. 4 no. 6, 17-26 N-D '59.

TETRAZOLIUM COMPOUNDS

Use of triphenyltetrazole chloride for rapid quantitative determination of live cells in plague vaccine [with summary in English]. V N. Segatovskii Zhur. mikrobiol. epid. i immun 32 no 5, 61-64 My '61

TETYUKHE REGION—ROCKS, IGNEOUS

Position of hydrothermally altered effusive rocks in the geological structure of the Tetyukhe region B I Sobolev, V. K. Rotman. Sov. geol. 4 no 5, 138-142 My '61

TEUTONIC KNIGHTS

How Russia struggled against the aggression of the Teutonic Knights in the first half of the 15th century N. A. Kazakova. Uch zap. LGU no 270, 3-33 '59

TEXTBOOKS

V. G. Belinskii on textbooks for Russian schools. T. G. skaia. Nar. obr. no. 6, 95-99 Je '61.

TEXTBOOKS—BIBLIOGRAPHY see Bibliography—Textbooks

TEXTILE FACTORIES see subdivision under Kamyshi Kursk; Ryazan

TEXTILE FIBERS, SYNTHETIC

(see also subdivision under Kalinin)

Antistatic preparation of fibers based on hydrophobic polymers (West German Patent No. 1047374). Khim. volok. no. 3, 76-77 '61.

Changes occurring in the microscopic structure of polyethyleneterephthalate fibers during heating [with summary in English]. A. V. Orlova, I. P. Nagdaseva Vysokom soed. 3 no. 7, 953-955 Jl '61.

New method of preparation of polyacrylonitrile fibers (U. S. A. Patent No. 2936211). Khim. volok. no. 3, 77

Production of initial monomers for carbochain fibers V. N. Antonov. Khim. volok. no. 3, 3-7 '61.

TEXTILE FIBERS, SYNTHETIC (Continued)

Quality of synthetic fibers. Khim volok. no 3:1-2 '61

Stabilization of polyamide fibers L. G. Tokareva and others. Khim. volok. no. 3:15-21 '61

Why did the textile industry request the delivery of staple fiber in the form of a sliver with the weight of 20-40 g/m? E. N Shagova Khim. volok. no 3 69 '61

World production of synthetic fibers in 1959. G. E Birger. Khim volok no. 3 50-55 '61.

TEXTILE FIBERS, SYNTHETIC—STUDY AND TEACHING

Opening of the complete scientific research laboratory at the Department of Synthetic Fibers of the Moscow Textile Institute. L S Gal'braikh, T. V. Druzhinina, R A. Krylova. Khim volok no. 3:76-79 '61.

TEXTILE FIBERS, SYNTHETIC—TESTING

Role played by chemical and intermolecular bonds in polymer rupture [with summary in English] S N Zhurkov, S. A. Abasov Vysokom soed 3 no. 3, 450-455 Mr '61.

Temperature-time dependence of the tensile strength of polymer fibers [with summary in English] S N Zhurkov, S. A Abasov. Vysokom. soed. 3 no. 3:441-449 Mr '61.

Unification of the methods of the physical and mechanical testing of synthetic fibers. N. V. Demina, L S. Romanova. Khim. volok. no. 3:46-47 '61

TEXTILE FIBERS, SYNTHETIC—THERMAL PROPERTIES

Thermal stability of synthetic fibers. IU. V. Vasil'ev. Khim. volok. no 3:41-46 '61.

TEXTILE INDUSTRY see subdivision under Moscow; Vichuga

TEXTILE INDUSTRY—EQUIPMENT AND SUPPLIES see subdivision under Armenia

TEXTILE INDUSTRY—HYGIENIC ASPECTS

Improvement of health conditions in the chemical fiber industry. V. D. Krantsfel'd. Gig. i san. 26 no. 1:82-86 Ja '61.

TEXTILE WORKERS—DISEASES AND HYGINENE see subdivision under Smolensk

TEXTILE WORKERS—MEDICAL CARE see subdivision under Smolensk

THAELMANN, ERNST, 1886-1944

Great son of the German people. IU. Mozhaev. Agitator no. 7:22-23 Ap '61.

THAILAND—ECONOMIC CONDITIONS

Fate of Thailand unemployed. A. Dmitriev. Az. i Afr. sog no. 5:15 My '61.

THALLIUM

Effect of thallium on the heat conductivity of polycrystalline selenium. G. B. Abdullaev, M. I. Aliev, S A. Akhundova. Fiz. tver tela 3 no. 2, 326-327 F '61

Geochemistry of alkaline elements and thallium in the Musht granites (Northern Caucasus) [with summary in English]. N. T. Voskresenskaia, Su Shou-tian' [Su Shou-t'ien], Geokhimiia no. 6:500-507 '61.

Thallium concentration in magmatic rocks of the Greater Caucasus and some other regions of the U. S. S. R. [with summary in English]. N. T. Voskresenskaia Geokhimiia no. 7:573-583 '61.

THALLIUM—ANALYSIS

Analytical chemistry of thallium. Report No. 6: New complexometric methods for the determination of thallium [with summary in English]. A. I. Busev, V. G. Tiptsova. Zhur. anal. khim. 16 no. 3:275-278 My-Je '61.

Colorimetric method of determining thallium in sodium iodide A. P. Kilimov, IU. V Naboikin, A. M. Volkova Trudy IREA no. 22:124-127 '58.

THALLIUM CHLORIDE

Interaction in the systems: $CdCl_2$ - $ZnCl_2$ - Al and $CdCl_2$ - TlCl - Al. A. P. Palkin, G. G. Korotkikh, N. B Vinsenko. Zhur. neorg. khim 5 no. 3:637-641 Mr '60

Reaction of asymmetric organomercury compounds with thallium trichloride. A. E. Borisov, M. A. Osipova. Izv. AN SSSR, Otd. khim. nauk no. 6:1039-1042 Je '61.

THEATER

(see also subdivision under Algeria; Bucharest; Cairo; Great Britain; Kiev; Moscow; Peiping; Petropavlovsk; Saratov; Sumy; Vladivostok; Voronezh)

Classic and contemporary. Georgii Tovstonogov. Teatr 22 no. 6:97-102 Je '61.

The discussion continues in Makhachkala. Teatr 22 no. 6:136-137 Je '61.

Dramaturgy and theaters greet the 22d Congress of the CPSU. Teatr 22 no. 6:150 Je '61

Gor'kii on the stage today. E. Balatova. Teatr 22 no. 6: 103-110 Je '61.

News from Ochamchire and other cities. Teatr 22 no. 6: 160, 163 Je '61.

On the stage and in newspapers. IUrii Grachevskii. Sov. pech. no. 7:12-15 Jl '61.

Repertoire of theaters for 1960 Teatr 22 no. 6: 152-153 Je '61.

The Soviet theater. V. Nofed. Komm. Bel. 35 no. 3: 67-71 Mr '61.

THEATER, OPEN-AIR see subdivision under Moscow

THEATERS

Children must have theaters! Teatr 22 no. 6:151 Je '61

THEATERS—CONSTRUCTION see subdivision under Moscow

THEATERS—STAGE SETTING AND SCENERY see subdivision under Ukraine

THENARDITE see subdivision under Bol'shoy Anzhbulat, Lake; Kuchuk, Lake

THEODOLITES

Examination of the experimental model of the OMT-30 optical theodolite for mine surveying. V. V Verevichev. Gor. zhur. no 6 67-69 Je '61

Studying systematic errors of the diameters of horizontal circles in optical theodolites O. A. Ponomarev. Geod i kart no 6 17-21 Je '61.

Use of the verifying telescope in angular measurements from trihedral signals P. A. Brykin. Geod i kart no 6 10-17 Je '61

THEORY OF EQUATIONS see Equations, Theory of

THEORY OF ERRORS see Errors, Theory of

THEORY OF STRUCTURES see Structures, Theory of

THERAPEUTICS, PHYSIOLOGICAL

Blood protein fractions in patients with infectious nonspecific polyarthritis under the influence of compound treatment. E. M. Pybelinskaia. Vrach. delo no. 4: 42-44 Ap '61.

Influence of the reticular formation of the brain on the effectiveness of health resort treatment of the neuroses. B. I. Sharapov. Zdravookhranenie 2 no. 4:36-39 Jl-Ag '59.

List of articles published in "Meditsinskaia sestra" from 1942-1959 Med. sestra no 5:62-64 My '61.

THERMAL ANALYSIS

Thermographic investigation of chromite ores from the Kimpersay massif. S. M Zubakov, Z. K. Kairbaeva. Izv AN Kazakh. SSR. Ser. met., obog i ognеup. no. 1 73-83 '61

Thermography of caustobiolites and clayey minerals. N. V. Logvinenko, S. I. Shumenko. Izv. AN SSSR. Ser. geol. 26 no. 6:101-109 Je '61.

THERMAL DIFFUSIVITY

Separation of neon isotopes by the thermal diffusion method. L. S. Kotousov, E. M Martynov, IU. P. Stepanov. Atom. energ. 10 no 6:632-633 Je '61.

THERMAL STRESSES

Calculation of stresses in welds between steel pipes with various coefficients of linear expansion A A Voloshin. Sudostroenie 27 no. 6:33-36 Je '61.

Industrial specimen for testing hot cracks in steel castings. I. V. Gruzнykh, IU. A. Nekhendzi. Lit. proizv. no. 6:7-9 Je '61.

Thermal stresses in a built-up cylinder [with summary in English]. L I. Diatlovyts'kyi, V M. Seimov Pryki mekh. 7 no. 3:287-294 '61.

Thermal stresses in the housing of a steel-pouring ladle. A. A. Kazantsev. Izv. vys. ucheb. zav.; chern. met. 4 no. 6:185-190 '61.

THERMIONIC EMISSION

Effect of electric field on the temperature of electrons, electrical conductivity and thermionic emission of semiconductors. Part 3: Thermionic emission. I. M. Dykman, P. M. Tomchuk. Fiz. tver. tela 3 no. 2: 632-641 F '61.

Thermionic emission from nickel in the presence of halides. E. I. Agishev, IU. I. Beliakov. Zhur. tekh. fiz. 29 no. 12:1480-1483 D '59.

Thermionic emission from single crystals of NaCl and KCl during bombardment by lithium and potassium ions G. M. Batanov. Fiz. tver. tela 3 no. 2:558-566 F '61.

THERMITE PROCESS

Methods of investigating high temperature processes in the carbothermite reduction of high melting oxides. I. E. Vil'komirskii, I. P. Karaseva. Izv. vys. ucheb. zav.; tsvet. met. 4 no. 2:107-109 '61.

THERMOCOUPLES

Method for measuring temperature in turbine installation elements [with summary in English]. M. O. Minisilenko, V. I. Fedorov, N. N. Shel'menko. Do. AN URSR no. 6: 759-762 '61.

Temperature conditions of the molten metal in the conversion of phosphorous cast iron. I. IU. Kozhevnikov, A. G. Alimov, K. A. Tikhomirova. Stal' 21 no. 3:228-230 Mr '61.

Temperature measurement during the growth of metal crystals from melts. V. T. Borisov, A. I Dukhin. Fiz. met. i metalloved. 11 no. 6:893-898 Je '61.

THERMODYNAMICS

Approximate analytic representation of thermodynamic air functions. V. V. Mikhailov. Inzh sbor. 31 206-216 '61.

Thermodynamic functions for some concrete types of internal energy of an ideal compressible fluid. N. N. Kochina. Prikl. mat. i mekh. 25 no. 1:148-149 Ja-F '61.

Thermodynamics of a die-casting mold. A. I. Veinik. Sbor. nauch. trud. Fiz. -tekh. inst. AN BSSR no. 6 150-161 '60.

THERMOELECTRICITY

Thermoelectric phenomena on the sun. Part 1: Electrostatic field in the solar corona [with summary in English]. G. M. Shtil'shtein. Astron. zhur. 38 no. 3: 463-473 My-Je '61.

Volume-gradient phenomena and the feasibility of the second thermoelectric relation. P I. Baranskii. Fiz tver. tela 3 no. 5, 1616-1617 My '61.

Ways of increasing the thermoelectric properties of the semiconductor zinc-antimony alloy D. I Lainer, L M. Golubtsov. TSvet met 34 no 2 69-74 F '61

THERMOMETERS

Temperature compensation in a radiation transducer of low temperatures E. N. Kostina Priborostroenie no 6:4-5 Je '61

Using asymmetrical bridge circuits in magnetoelectric ratiometers of resistance thermometers. A I. Avdeev, D. A. Il'menskii, M D. Notarius. Priborostroenie no 6, 1-3 Je '61

THERMOMETRY

Heat cycle during welding and hard facing of sheets with spaced arcs. V. A. Shebanov. Svar. proizv. no. 6:12-15 Je '61.

THERMOMETRY—STANDARDS

New regulations on an international practical temperature scale. B. N Oleinik. Izm. tekh. no 7 20-23 Jl '61

THERMOPLASTICS

Large details made of sheet thermoplastics. K. Streltsov. Na strol Ros. no. 4 35-36 Ap '61.

THERMOSTAT

RTPDm-80 thermostat. IA. Sardaev. Mor. flot 21 no. 2:26-27 F '61.

Simple circuit of an electronic thermostat. V V Liamin. Priborostroenie no. 7 28 Jl '61.

THIADIAZINE

Diuretic action of hypothiazide in treating disturbances in blood circulation R A. Karabaeva. Med zhur. Uzb. no 5 64-65 My '61

THIAMINE

Study of human requirements of thiamine (data on requirements of thiamine for adult subjects) E I. Solov'eva Vop. pit. 20 no 3 76-82 My-Je '61.

Thiamine-destroying factors in tuberculosis and dysenterial bacteria [with summary in English] D S. Zaprudskaia. Zhur. mikrobiol. epid i immun 32 no 2:44-48 F '61.

Thiamine uptake and distribution rate in the ocular tissue [with summary in English]. I. I. Chikalo. Vop. med. khim. 7 no. 2:166-172 Mr-Ap '61.

Use of vitamin B_1 in treating eczema. G. B. Nesterenko. Vrach. delo no. 4:141 Ap '61.

THIANTHRENE—SPECTRA

TH

Synthesis of thiazane and thiadiazine derivatives of biological interest. Part 1: 3-Aryl derivatives of 1, 3-thiazane-2, 4-dione. E. V. Vladzimirskaia. Zhur. ob khim. 31 no. 6:1921-1924 Je '61.

THIOINDIGO

Thioindigoid dyes. Part 7: Thioindigoid dyes with methylsulfonyl groups. N. S. Dokunikhin, IU. E. Gerasimenko. Zhur. ob. khim. 31 no. 6:1927-1931 Je '61.

Thioindigoid dyes. Part 8: Ethoxymethylsulfonyl substituted thioindigo. N. S. Dokunikhin, IU. E. Gerasimenko Zhur. ob. khim. 31 no 6:1931-1934 Je '61.

THIOLS

Deposit formation on the cadmium-plated parts of fuel pumps with the action of mercaptans contained in jet fuels. I. E. Bespolov, E. V Koltushkina. Khim. sera i azotorg. soed v nefti, i neftepred. 3:475-481 '60.

Fluorine-containing β-sultones. Report 9: Reactions between fluorine-containing β-sultones and mercaptans. G. A. Sokol'skii, M. A. Dmitriev, I. L. Knunyants. Izv. AN SSSR, Otd. khim. nauk no. 6:1055-1057 Je '61.

Reactions of an aqueous solution of mercury acetate with some organic sulfides and thiols. I. N. Tits-Skvortsova, T. A. Danilova, B. V. Kuznetsov. Khim. sera, i azotorg soed. v nefti, i neftepred. 3:75-80 '60.

THIONYL CHLORIDE

N-arylsulfonyliminothionyl chlorides. E. S Levchenko, A V Kirsanov Zhur ob khim 31 no 6 1968-1971 Je '61.

THIOPHENE

Effect of the structure of compounds on the kinetics and direction of their catalytic hydrogenation Part 2· Hydrogenation kinetics of furan, thiophene, and ferrocene on rhodium A A Balandin, M L Khidekel', V V Patrikeev Zhur ob khim 31 no 6·1876-1882 Je '61

Kinetics of hydrogenolysis of the compounds of the thiophene and thiophane series on a platinum catalyst R D Obolentsev, D M Torikov Khim sera i azotorg soed v nefti i nefteprod 3:333-343 '60.

Kinetics of transformation of some monocyclic sulfides and 2-ethylthiophene in the presence of a spherical aluminosilicate catalyst. R D Obolentsev, V I Dronov Khim sera i azotorg soed v nefti i nefteprod 3·271-294 '60

Poisoning of a platinum catalyst with thiophene under conditions of reforming Kh M. Minachev, D A Kondrat'ev Khim sera i azotorg. soed. v nefti i nefteprod 3;345-352 '60

Sulfoxides and sulfones of some monosubstituted thiophanes. R D. Obolentsev, V G Bukhanov, M M Gerasimov. Khim. sera i azotorg. soed. v nefti i nefteprod 3 35-41 '61.

Synthesis of monosubstituted thiophanes R D. Obolentsev and others Khim. sera i azotorg soed v nefti i nefteprod, 3,9-17 '60

Synthesis of 2, 5-dimethyl-3-alkyl- and 2, 5-dimethyl-3-arylthiophanes IU K. IUr'ev, E. G. Rozantsev. Khim sera i azotorg soed v nefti i nefteprod 3:19-24 '60

THIOPHENE—SPECTRA

Absorption spectra in the ultraviolet of some cyclic sulfides, thianthrene, and 2-ethylthiophene R D Obolentsev, N S Liubopytova, E A Makova Khim sera i azotorg soed v nefti, i nefteprod, 3,93-104 '60

Mass-spectra of some thiophane homologs. K I Zimina and others. Khim. sera i azotorg. soed. v nefti i nefteprod. 3;81-92 '60.

THIOPHENEGLYCOLIC ACID

Chemistry of heterocycles. Part 34· Synthesis and properties of arnikylamides of di(2-thienyl)-glycolic acid. P. A Petiunin, M S. Khodyreva, M E. Konshin. Zhur. ob. khim. 31 no 6:1847-1849 Je '61

THIRST

The degree of resistance to water deficiency in some murine rodents of the steppe zone [with summary in English]. A L German Zool zhur. 40 no. 6 914-921 Je '61.

THISTLE, CANADA

Modifying plows for the cultivation of fields infested with Canada thistle K. I. Kunochkin Dokl. TSKhA no 63 45-54 '61

THONRAKETZI see Paulicians

THORIUM

Field and thermionic emission of thorium and barium layers on tungsten. IU. V. Zubenko, I. L. Sokol'skaia. Fiz. tver. tela 3 no. 5:1561-1565 My '61.

THORIUM—METALLURGY

"Metallurgy of rare earth metals, thorium and urianium" by A. N. Zelikman. Reviewed by V. A. Pazukhin. Izv. vys. ucheb. zav.; tsvet. met. 4 no. 2:169-170 '61.

THORIUM OXIDE

Catalytic properties of thorium dioxide in the dehydrogenation and dehydration of alcohols, and in the dehydrogenation of cyclic hydrocarbons. A. A Balandin, A A Tolstopiatova, Z. Dudzik. Kin i kat. 2 no 2:273-284 Mr-Ap '61.

THREE BODIES, PROBLEM OF see Problem of three bodies

THRESHING MACHINES

Extension feeder for grain threshing machines S. IA. Podlipenskii. Mekh. i elek. sots. sel'khoz. 19 no 3: 36-38 '61.

Shelling corn in a threshing drum [with summaries in English, German, and French] S. IU. Danilevich Vest. sel'khoz nauki 6 no. 6;69-74 Ja '61

THRIPS see subdivision under Ukraine

THROMBOPLASTIN

Thromboplastin activity of the blood in Botkin's disease [with summary in English]. I. B. TSynkalovskii. Vop. med. khim. 7 no. 2:132-136 Mr-Ap '61.

THRUSHES see subdivision under Amur Valley

THYROID GLAND

Comparative data on the weight and volume of the thyroid gland in fetuses and the newborn in Leningrad and Stalinabad. IA. IU. Dodokhodzhaev. Zdrav. Tadzh. 8 no. 3:46-49 My-Je '61.

Comparative morphology of the thyroid gland S Kh. Khamitov, S Tuimambetov Izv AN Kir SSR, Ser. biol nauk 2 no 6 79-84 '60

Development of the thyroid gland in fetuses and the newborn P. N Kalenko, R IU Omirov Med zhur Uzb no 5-25-28 My '61.

Effect of fats containing a large quantity of highly unsaturated fatty acids on the state of the thyroid gland in animals [with summary in English] A I Shtenberg, IU N Eremin Vop pit 20 no. 3 34-41 My-Je '61

Fateeva, M. N. [Clinical and diagnostic use of some radioactive isotopes in the U. S. S. R.] Opyt klinikodiagnosticheskogo primeneniia nekotorykh radioaktivnykh izotopov v SSSR. Moskva, 1955, 14 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii) (DNLM)

Function of the accumulation Mo f(t) in diffusion and biosynthesis N. A Smol'kov. Biofizika 6 no. 3·284-287 '61.

Nitrogen and carbon metabolism in sheep in case of a high strontium level in the food ration. R. N. Odynets, E. P Ilibezova, V. S. Perelygina Izv AN Kir. SSR, Ser biol nauk 2 no 5 41-45 '60

Thyroid function in healthy subjects and in residents of Tashkent with goiter as revealed by data on the absorption of radioactive iodine. R K Islambekov Med zhur Uzb no 5 20-23 My '61.

Thyroid gland function of workers in sulfuric acid production. A. G. Pekhterev, B. S. Bakalcinikov. Vrach. delo no. 4 114-115 Ap '61.

THYROID GLAND—CANCER

Malignant adenoma of the accessory lobe of the thyroid gland I D Petti. Izv. AN Kir SSR Ser biol nauk 2 no 6 27-29 '60

THYROID GLAND—DISEASES

(see also subdivision under Stanislav; Tashkent)

Adrenal cortex function in thyrotoxicosis patients before and following treatment with radioactive iodine Sh Sh. Shamakhmudov Med zhur Uzb no 5 31-34 My '61

Case of goiter of an accessory thyroid gland F A. Burdyga Med zhur Uzb. no. 5 73 My '61

Glycogen reserves in the liver in thyrotoxicoses before and following surgery. Sh. Sh. Il'iasov Med. zhur. Uzb no. 5-29-31 My '61.

Khavin, I. B., and O. V. Nikolaev, [Diseases of the thyroid gland] Bolezni shchitovidnoi zhelezy. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 250 p. (DNLM)

Thyroid gland and radioactive iodine IA Kh. Turakulov Med zhur Uzb. no 5 11-16 My '61.

Treatment of thyrotoxicosis in children [with summary in English]. V. I. Naumova, E. L. Belikhova. Vop. okh. mat. i det. 6 no. 4;22-28 Ap '61.

THYROID GLAND—HYDATIDS

Case of Echinococcus of the thyroid gland. M. A Akhmedov Med. zhur Uzb no 5 71 My '61

THYROID GLAND—TUMORS

Case of metastatic spreading of tissue of the thyroid gland into the mandible. N. N. Mazalova Med zhur Uzb no 5 71-72 My '61

Neoplasms of the thyroid gland V. G Astapenko. Zdrav. Bel. 7 no. 5 32-34 My '61.

THYROIDIN

Effect of vitamin A and thyroidin on the activity of catalase and cholinesterase in white rats [with summary in English]. L. S. Pryputina, M. B. Lutsiuk. Ukr. biokhim. zhur. 33 no. 3 392-395 '61.

TIBIA

Regeneration of tubular bones (tibia) in rats under conditions of lowered basal metabolism. S A Ivanova, IU D. Sorokina Vest. Mosk. un Ser. 6: Biol., pochv 16 no. 3 5-14 My-Je '61.

TICKS see subdivision under Ashkhabad; Crimea; Turochak District

TICKS AS CARRIERS OF DISEASE

(see also subdivision under Kirghizistan)

Role of ixodid ticks in the epizootiology of necrobacillosis. A. A. Volkova, A F Timofeeva, R V. Grebeniuk. Izv. AN Kir. SSR, Ser. biol. nauk 2 no. 7 25-30 '60

Studying the role of ticks of the genera Dermacentor and Haemaphysalis in the transmission of brucellosis A. A. Volkova and others. Izv. AN Kir. SSR, Ser. biol. nauk 2 no. 7·5-24 '60.

Studying ticks of the genus Dermacentor as carriers of Bacillus pestis under experimental conditions P. A. Poluliakh, R. V. Grebeniuk Izv AN Kir. SSR Ser. biol. nauk 2 no 7 31-36 '60.

TIDAL WAVES

Computing the height of tsunamis along the coast. L. N. Sretenskii, A. S Stavrovskii. Trudy MGI 24:25-47 '61.

Elastic displacements of the earth's core caused by tsunamis approaching the shore line at an angle. A. S. Stavrovskii. Trudy MGI 24;48-84 '61.

Travel of tidal waves from a strait into a basin of variable depth. S S. Voit. Trudy MGI 24;89-104 '61.

TIDAL WAVES—MAPS see subdivision under Kurile Islands

TIDES

Application of theoretical calculations to the study of tidal phenomena. L. A Sgibnev Trudy Okean k - 10 no 1:61-68 '60

Doodson's and Lecolazet's methods for harmonic analysis of tidal observations. V. G. Balenko Trudy Pols geof observ 9 48-94 '61.

"Dynamics of the earth's rotation axis and the levels of oceans" by G. D. Khizanashvili. Reviewed by K. P. Fedorov. Astron. zhur. 38 no. 3;568-570 My-Je '61.

Elements of tidal kinematics. V. V. Timonov. Trudy Okean kom 10 no. 1,45-46 '60

Harmonic analysis of a monthly series of tidal observations. P S Matveev. Trudy Pols geof. observ 5 3-6 '61.

Resultant and secondary currents in seas with tides V. V. Timonov Trudy Okean kom 10 no 1,43-44 '60

TIDES—TABLES

Leningrad. Gosudarstvennyi okeanograficheskii institut. [Astronomical N and C data for 1961-1966 for tide tables (permanent)] Astronomicheskie dannye N i C na 1961-1966 gg. dlia vkhoda v tablitsy prilivov (postoiannye dannye). Leningrad, Gidrometeoizdat, 1960. 15 p.

TIEN SHAN—BIRDS

Distribution of faunal complexes of birds in the central Tien Shan. L. S Stepanian. Ornitologiia no 3 369-371 '60

TIEN SHAN—FLEAS

Fleas of the eastern Tien Shan F. A. Shvarts, A. P Kudriavtseva, R V. Grebeniuk Izv. AN Kir SSR Ser biol nauk 2 no. 7·101-117 '60.

TIEN SHAN—KIRGHIZ

Petrov, K. I. [Feudal relations among the Kirghiz from the 15th to 18th century] Ocherki feodal'nykh otnoshenii u kirgizov v XV-XVIII vv. Frunze, Izd-vo AN Kirgizskoi SSR, 1961. 172 p.

TIEN SHAN—ORE DEPOSITS

Naslodov, B. N. [Metallogeny of western Tien Shan and Uzbekistan] Metallogeniia Zapadnogo Tian'-Shania i Uzbekistana. Pod red. F. I. Vol'fsona. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1961. 328 p.

TIEN SHAN—POLYZOA, FOSSIL

New Famennian polyzoan species from the Chatkal-Narin zone of the Tien Shan. M. B. Ortsevskii. Paleont sb no 2 64-71 '61.

TIEN SHAN—RUMEX

Biology of germination in Rumex tianschanicus S S Sagatov. Uzb. biol. zhur no 3 46-48 '61

TIEN SHAN—SNOW

Accumulation of eolian dust in firn basins of the Tien-Shan (origin of loess in Central Asia). I N Sitnikova Biul. MOIP, Otd. geol 34 no 5,165 5-6 '59

TIEN SHAN PROVINCE—WORMS, INTESTINAL AND PARASITIC

Helminths occurring in wild birds of Kirghizistan N T Chibichenko Izv. AN Kir. SSR Ser biol nauk 2 no 7 169-175 '60.

TIFLIS—COMMUNIST EDUCATION

The propagandist finds the main factor. P. Tsveliova. Komsom. zhizn' no. 2:14-15 Ja '60.

TIFLIS—MACHINE-TOOL INDUSTRY

Criticizing. G. Gorbatenko. NTO 3 no.6·29 Je '61.

TIFLIS REGION—GAS, NATURAL—GEOLOGY

Geology, and oil and gas potentials in the Tiflis region D. A. Buleishvili, G. V. Dzhaparidze. Trudy VNKhI no 15,52-65 '59.

TIFLIS REGION—PETROLEUM GEOLOGY

Geology, and oil and gas potentials in the Tiflis region D A. Buleishvili, G. V. Dzhaparidze Trudy VNKhI no 15,52-65 '59.

TIKHONOV, NIKOLAI SEMENOVICH, 1896-

Pages of memories (to be continued). Nikolai Tikhonov. Znamia 31 no. 6;89-115 Je '61.

TIKHONRAVOV, NIKOLAI VIKTOROVICH, 1899-1961

Nikolai Viktorovich Tikhonravov. Khim. tekh topl masel 6 no. 7;72 Jl '61.

Nikolai Viktorovich Tikhonravov, obituary Geol nefti i gaza 5 no. 6·61 '61.

TIKHOV, GAVRIIL ADRIANOVICH, 1875-1960

Gavriil Adrianovich Tikhov; obituary. M. A. Miklukho-Maklai, M. A. Daskal. Biul. VAGO no. 28:56-59 '60.

TIKHVIN REGION—BAUXITE

Adoption of a method of electrohydrodynamic analogy for determining the water inflow to strip mines in the Tikhvin bauxite deposits. E V. Lekhtimiaki Izv vys. ucheb. zav., geol. i razv. 4 no. 3:82-101 Mr '61.

Adoption of hygroscopic holes for drainage purposes in the Tikhvin bauxite deposits, E. V. Lekhtimiaki. Izv. vys. ucheb. zav.; geol. i razv. 2 no. 12:118-127 '59.

LE CONSTRUCTION
Precast slabs of tiles for walls and floors. V. Verner, M. Usupov. Sel'. stroi. 15 no. 4:16-17 Ap '61.

LE LAYING—EQUIPMENT AND SUPPLIES
Tile knife. Stroitel' no. 5:10 My '61.

LES see subdivision under Odessa Province, Ukraine

LLAGE
(see also subdivision under Stalino Province; Volga Valley)
Advanced practices in the mechanized cultivation of row crops IU. K. Kirtbaia Visnyk sil' hosp nauky 4 no 6:36-42 Je '61
Effect of subtillage on perennial grasses. V. E. Miroshnichenko. Dokl. TSKhA no 60 31-34 '61.
Effect of various cultivation methods on the development of the microbiological activity in soils N. A. Dimitrova Dokl TSKhA no 60 53-59 '61
Effect of various cultivation practices on the biological activeness of soils. N. A Dimitrova Dokl TSKhA no. 63 33-38 '61.
Effect of various soil cultivation practices on spring wheat yields M. Bolobolova. Dokl TSKhA no. 63 27-32 '61.
Effect of various soil cultivation practices on winter wheat yields M. G Chizhevskii, P. G. Kudelia. Dokl. TSKhA no. 63 21-26 '61.
Evaluating tillage implements on the basis of their ability to create a wind resistant soil surface. A. P. Bocharov. Mekh. i elek. sots. sel'khoz. 19 no. 3:22-25 '61.
How fertilizers affect the yield of corn when planted on Chernozems following fall cultivation with moldboard or moldboardless plows T A Orlikova. Dokl. TSKhA no. 63 39-43 '61.
Improved methods for checkrow planting and cross cultivation of row crops. P. G. Karaerov. Dokl. TSKhA no 66 75-89 '61.
Investigating the performance of tillage implements at increased speed in preparing soil for planting V S. Revuka Visnyk sil'hosp nauky 4 no 7 19-21 Jl '61.
Mechanical composition of turf-Podzolic silty loams under natural conditions and under cultivation. N. N. Nikol'skii. Dokl. TSKhA no. 60:85-91 '61.
Vaskan, G. K. [Soil cultivation in fruit-bearing orchards] Ukhod za pochvoi v plodonosiashchem sadu. Kishinov, Gos. izd-vo "Kartia Moldovenaske," 1961. 22 p. (Biblioteka plodovoda Moldavii)
(DA)

LLAGE—BIBLIOGRAPHY see Bibliography—Tillage

MBERLINE see subdivision under Sikhote-Alin' Range

ME
Paikevich, A. V., V. N. Gan'shin, and L. S. Khrenov. [Time and the calendar] Vremia i kalendar'. Pod obshchei red. L. S. Khrenova. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 117 p.
Simultaneous approximate determination of astronomical azymut and the local stellar time. B. A. Volynskii. Biul. VAGO no. 28:42-50 '60.

ME-SERIES ANALYSIS
"Time series analysis" [in English] by E. J. Hannan. Reviewed by IU. A. Rozanov. Teor. veroiat. i ee prim. 6 no. 4:255-256 '61.

MEKEEPING (LABOR)
He who seeks finds. P. Morozov Sov profsoiuzy 17 no. 12 13-14 Je '61.

MOR—POLITICS AND GOVERNMENT
Island of Timor [with English summary in insert]. G. Sokolov. Az. i Afr. seg. no. 3:19-20 Mr '61.

I
Coefficient of distribution of tin in antimony selenide. Sh Movlanov, A. A. Kuliev. Dokl. AN Azerb SSR 17 no 4:275-276 '61.
Separation of indium and tin by extraction with alkylphosphoric acids I. S. Levin, V A Mikhailov. Dokl AN SSSR 138 no 6:1392-1394 Je '61

I—ANALYSIS
Spectral analysis of combined rare earth elements in the presence of tin. G. I. Zavorotnova. Izv. Sib. otd. AN SSSR no. 5:117-119 '61.

I—ISOTOPES
Investigating the (γ, n) reaction on Sn^{112} and Sn^{124} isotopes [with summary in English]. Go TSI-di [Kuo Ch'i-ti], B. S. Ratner, B. V. Sergeev. Zhur. eksp. i teor. fiz. 40 no. 1:35-37 Ja '61.

I—MAGNETIC PROPERTIES
Magnetic properties of thin superconducting tin and indium films [with summary in English] B. K Sevast'ianov. Zhur eksp. i teor. fiz. 40 no 1:52-63 Ja '61.

I-BISMUTH ALLOYS see Bismuth-tin alloys

I CHLORIDE
Tin chloride - o-nitroanisole system. M. Usanovich, E. Pichugina, A. Kalistratova. Zhur. ob. khim. 31 no. 6:1759-1761 Je '61

TIN COMPOUNDS
Photoelectronic emission from the intermetallic compounds Mg_2Sn and InAs [with summary in English] P G Borzjak, P M Marchuk, H. F. Mitians'kyi Ukr. fiz zhur 5 no 1 65-74 Ja-F '60.

TIN-LEAD ALLOYS see Lead-tin alloys

TIN ORES see subdivision under Yakutia

TIN ORGANIC COMPOUNDS
Molecular compounds of tin tetrachloride with organic sulfides. I. P. Gol'dshtein, E. N. Gur'ianova, K. A Kocheshkov Dokl. AN SSSR 136 no 5 1099-1102 Je '61
Preparation of new organotin polymers [with summary in English] N. A Adrova, M M Koton, V A Klages. Vysokom soed 3 no. 7:1041-1043 Jl '61.
Reaction of trialkylalkoxystannanes with ketene. I. F Lutsenko, S. V Ponomarev. Zhur ob khim 31 no 6, 2025-2027 Je '61

TIN ORGANIC COMPOUNDS—MAGNETIC PROPERTIES
Magnetic susceptibility of some tin molecular compounds. Part I O A Osipov, O. E Kashirentnov Zhur ob khim. 31 no 6,1755-1759 Je '61

TIN PLATING
Profsoiuz rabochikh mashinostroenila, TSentral'nyi komitet. [Safety instructions for tin and zinc platers working with the hot method] Instruktsiia po tekhnike bezopasnosti dlia ludit'shchikov i otsinkovshchikov, rabotaiushchikh goriachim sposobom. [Moskva] Mashgiz, 1960. 8 p.

TIN SELENIDE
Second-order phase transition in SnSe. V. V. Zhdanova. Fiz. tver. tela 3 no. 5:1619-1620 My '61.

TIN-TITANIUM ALLOYS see Titanium-tin alloys

TINNING
Changes in the technology of producing tinned flasks. O. A. Rozkhov. Kuz.-shtam. proizv. 3 no. 7:13-15 Jl '61.

TIRASPOL'—CANNING INDUSTRY
Educational significance of collective forms of wage payment. M. Baradanov, P. Semenets. Sots trud 5 no. 12:116-121 D '60

TIRASPOL'—CLOTHING INDUSTRY
Collectivism in life and work N. Markov Sots. trud 5 no 12,109-116 D '60

TIRASPOL' REGION—GEOLOGY, STRATIGRAPHIC
Recent data on the age of the "Tiraspol' gravel" A L Chepalyga. Dokl. AN SSSR 138 no. 6 1431-1433 Je '61.

TIRE FABRICS
Using cords of equal density in automobile tires. L. G. Khrapunov. Khim volok. no. 3:35-37 '61.

TIRE FABRICS—TESTING
Effect of the compounding formula of the resorcinol-formalfehyde resin used in compositions for cord impregnation and the conditions of its condensation on the adhesive strength of rubber-cord systems. R. V. Uzina and others. Kauch. i rez. 20 no 7:21-28 Jl '61.

TIRES, RUBBER
(see also subdivision under Dnepropetrovsk; Sverdlovsk; United States)
Automatic device for opening press molds after the vulcanization of tire casings. E. M. Aristov. Kauch i rez. 20 no. 7 50-51 Jl '61.
Modern experience in the organization of labor in the tire manufacture. I. Z. Gak, S. P. Potamoshnev. Kauch. i rez. 20 no. 7:39-42 Jl '61.

TISLISI, ABDUL-FAZL-CHOBEISH-IBRAHIM, fl. 12th cent.
Globular-conical vessels in 12th century Asia Minor treatises on applied technology. O L. Vil'chevskii Sov. arkheol. 5 no. 2:210-212 '61.

TISSUE CULTURE
Characteristics of the growth of sheep kidney epithelium in tissue culture [with summary in English]. G. A. Smirnova, V. I. Gavrilov. Vop. virus. 6 no. 2:227-231 Mr-Ap '61.
Experimental analysis of the effect of radiation on cell nuclei in the culture of embryonic human tissues. N. P. Dubinin, IU. IA. Kerkis, L. I. Lebedeva Dokl. AN SSSR 138 no. 5:1212-1215 Je '61.

TISSUE EXTRACTS
Kuznetsov, N. N. [New heteroperitoneal preparations for restorative surgery and tissue therapy; preserved plastic materials from the peritoneum of cattle] Novye geteroperitoneal'nye preparaty dlia vosstanovitel'noi khirurgii i tkanevoi terapii; konservirovannyi plasticheskii material iz briushiny krupnogo rogatogo skota. Kishinev, Gos. izd-vo "Kartia Moldovenaske," 1961. 157 p.
(DNLM)

TISSUES—PERMEABILITY
Change in the trophicity of tissues under the influence of a novocaine block. Report No. 2 Study of the permeability of tissues by means of radioactive isotopes in the area of the local action of a novocaine block. S. N. Muratov. Eksper. khir. 4 no. 6:48-49 N-D '59.

TIT-ARY REGION—GEOLOGY, STRATIGRAPHIC
Upper Paleozoic deposits in the lower Lena Valley; preliminary report on field work results of 1959 R V Solomina Inform. biul. NIIGA no 16 23-26 '60

TITANATES
Ginzburg, A. I., and others. [Titanates, tantalates, and niobates] Titano-tantalo-niobaty. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr. (Geologiia mestorozhdenii redkikh elementov, no. 10)
Part. 1. 1960. 166 p.

TITANIUM
Determining the coefficient of external friction during drawing titanium. V. P. Severdenko, V Z. Zhilkin Sbor. nauch. trud. Fiz.-tekh. inst. AN BSSR no. 6 66-73 '60.
Effect of a high content of oxygen and nitrogen on the mechanical properties of titanium. E. V Petunina. Metalloved. i term obr. met. no 6:50-53 Je '61.
Genesis of titanium-zirconium placer deposits [with summary in English] G. V. Nesterenko. Geol i geofiz. no. 6:31-38 '61.
Interaction of $BaCO_3$ with TiO_2 and ZrO_2 during heating. E. K. Keler, N. B. Karpenko. Zhur. neorg khim. 5 no. 3 668-675 Mr '60
Investigating certain conditions for the hot rolling of titanium in vacuum and in the air. I M Pavlov and others Izv vys. ucheb zav., chern met 4 no 6:105-110 '61
Investigating the granulation process of high titanium slag. E I. Machkasov, V. D. Ponomarev, IU. M. Spivak. Izv AN Kazakh. SSR. Ser. met., obog. i ogneup. no. 1 41-47 '61
Reactions of benzoyl peroxide with titanocene derivatives. G A Razuvaev, V. N. Latiaeva, L. I. Vyshinskaia Dokl. AN SSSR 138 no. 5:1126-1129 Je '61.
Theory of the paramagnetic resonance of Ti and Co ions in corundum S. A Al'tshuler, M. M Zaripov Zhur eksp i teor fiz. 40 no. 1 377-379 Ja '61

TITANIUM—ANALYSIS
Determination of titanium in ilmenite concentrates by means of differential spectrophotometry. T. M. Maliutina, B M. Dobkina. Zav. lab. 27 no 6:650-652 '61.
Determining small contents of tungsten in titanium metal by colorimetry. A. M. Dymov, L. Z Kozel' Izv vys ucheb zav., chern. met 4 no 5:102-107 '61

TITANIUM—METALLURGY
Research on theoretical problems of titanium production. N. N. Ruban. Trudy Inst. met. i obogashch. AN Kazakh. SSR 3:154-158 '60.

TITANIUM—WELDING
Welded titanium pumps. G M. Itel'son TSvet met 34 no. 2 74-78 F '61.

TITANIUM ALLOYS
Kornilov, I. I., and P. B. Budberg. [Phase diagrams of two- and three-component systems of titanium] Diagrammy sostoianiia dvoinykh i troinykh sistem titana. Moskva, Vses. in-t nauchnoi i tekhn. informatsii, 1961. 172 p.

TITANIUM ALLOYS—METALLOGRAPHY
Structure and mechanical properties of titanium alloys subjected to induction annealing. M. N. Bodinko, IU M Loiko, V. I Parkhimovich. Sbor. nauch. trud. Fiz.-tekh. inst. AN BSSR no. 6:130-149 '60.

TITANIUM-ALUMINUM-CHROMIUM ALLOYS—HEAT TREATMENT
Investigating the tempering of BT-3 and BT-3-1 alloys. Z. S. Verigina, B G Livshits. Izv. vys ucheb. zav., chern met. 4 no 5 162-172 '61.

TITANIUM-ALUMINUM-MANGANESE ALLOYS
System Ti - Al - Mn alloys. L. P. Luzhnikov, V. N. Moiseev. Metalloved i term. obr met. no. 7:28-34 Jl '61.

TITANIUM CHLORIDE
Photometric study of the reaction of titanium (IV) with phenols in acetic acid. S. IA. Shnaiderman. Izv. vys. ucheb. zav., khim. i khim. tekh. 3 no. 2:258-264 '60.
Solubility of aluminum chloride in titanium tetrachloride. N. N. Ruban, V. D. Ponomarev, K. A. Vinogradova. Izv. AN Kazakh. SSR. Ser. met., obog. i ogneup. no. 1:33-40 '61.
Studying the density, viscosity and electric conductivity of the system $TiCl_3$ - $TiCl_2$ - NaCl. B. G. Korshunov, V. I. Ionov. Izv. vys. ucheb. zav.; tsvet. met. 4 no. 2: 101-106 '61.

TITANIUM-CHROMIUM ALLOYS—BRITTLENESS
Brittleness of titanium-chromium alloys in the eutectoid transformation. R. P. Shchegoleva, L. S. Golubeva, N. A. Ruch'eva. Metalloved. i term. obr. met. no 7:35-36 Jl '61.

TITANIUM-NEODYMIUM ALLOYS

Phase diagram of the alloys in the system titanium -neodymium E M Savitskii, G S Burkhanov Zhur neorg khim 5 no 3,751-753 Mr '60

TITANIUM-NICKEL-COBALT ALLOYS see Nickel-cobalt-titanium alloys

TITANIUM NITRIDE

Denitrification of liquid steel by titanium in industrial conditions IU G Gurevich. Izv vys ucheb zav , chern met 3 no 5 56-67 '61

TITANIUM ORES

(see also subdivision under Dnieper-Donets Lowland, Ukraine)

Mechanism of the effect of pulp pH on the floatability of titanium minerals. Lu Shou-tzy [Lu Shou-tz'ŭ], S. I. Pol'kin. Izv. vys. ucheb. zav., tsvet. met. 4 no. 2. 27-32 '61.

TITANIUM OXIDE

Effect of ionizing radiation on the catalytic and magnetic properties of titanium dioxide IU A Mishchenko and others Kin i kat. 2 no 2:296 Mr-Ap '61

Peroxide compounds of titanium, zirconium, and cerium as products of interaction between hydroxides and hydrogen peroxide. S. Z. Makarov, L. V Ladeinova. Izv AN SSSR. Otd khim. nauk no. 6 958-964 Je '61

Solubility of titanium dioxide in molten potassium fluotitanate. F. M Kolomitskii, A. I Milov, V D. Ponomarev Izv AN Kazakh SSR. Ser. met., obog. i ogneup. no. 1 26-32 '61.

TITANIUM-TIN ALLOYS

Phase diagram of the system titanium - tin. I I Kornilov, T T Nartova. Zhur neorg khim 5 no 3 622-629 Mr '60

TITANIUM-VANADIUM ALLOYS

Stability of the β-phase in titanium-vanadium alloys N. V Ageev, L A Petrova. Zhur neorg khim 5 no 3 615-618 Mr 60

TITANIUM-VANADIUM-MOLYBDENUM ALLOYS

Stability of the β-phase in titanium-vanadium-molybdenum alloys N. V Ageev, Z M Rogachevskaia. Zhur neorg khim 5 no 3 619-621 Mr '06

TITANYL OXALATE

Stability of complex titanyl oxalate in solution. A. A. Grinberg, L. V. Shikheeva. Zhur. neorg. khim. 5 no. 3 599-603 Mr '60.

TITMICE see subdivision under Moscow Province

TITRATION

Differential titration of strong, weak, and very weak acid mixtures in methyl ethyl ketone media. A. P. Kreshkov, L. N. Bykova, N A. Kazarian. Izv. vys. ucheb. zav. khim. i khim. tekh 4 no. 1:20-24 '61.

TOBACCO PROCESSING MACHINERY

The MN-1 automatic makhorka stuffing machine M. I. Antonovskii Biul. tekh -ekon. inform no. 5:51-52 '61.

TOKMAK—SUGAR CANE

Technological flow chart for refining raw sugar cane at the Tokmak Sugar Factory. I A. Koifman. Sakh. prom. 35 no. 6:29 Je '61.

TOLSTOI, ALEKSEI KONSTANTINOVICH, 1817-1875

The origin of A. K. Tolstoi's tragedy "Tsar Fedor Ioannovich." N. A. IAkobi. Uch. zap. MOPI 82:77-102 '60.

TOLSTOI, LEV NIKOLAEVICH, 1828-1910

"His soul embraces all of Russia." B. Bialik. Vop. lit. no. 11:117-143 N '59.

in; the story of creating the Uch. zap. MOPI 82.103-132

TOMSK—BOTANICAL SOCIETIES

Brief survey of the work of the Tomsk Branch of the All-Union Botanical Society in 1932-1956. L. Sergievskaia. Izv. Tomsk. otd VBO 4.150-151 '59

TOMSK PROVINCE—FORAGE PLANTS

Data on the chemical composition of forage plants in Tomsk Province. N I Vyltsan. Izv. Tomsk otd. VBO 4 113-114 '59

TONGUE

Some structural characteristics of the tongue and the hyoid apparatus in finches B V Nekrasov Trudy Zool inst 29 213-226 '61

TONGUE—DISEASES

Goiter of the root of the tongue. I. F. Gerashchenko. Zhur. ush., nos. i gorl. bol. 21 no. 2:76-77 Mr-Ap '61.

TONSILS

Microelements of palatal tonsils [with summary in English]. IA. M. Dymshchits, A. P. Misharin. Zhur. ush., nos. i gorl. bol. 20 no. 5:34-39 S-O '60.

TONSILS—DISEASES

Active immunization against scarlet fever and its influence on the incidences of tonsillitis [with summary in English] S L Mitel'man Zhur mikrobiol epid. i immun 32 no 4 53-55 Ap '61.

Anginas in children under 1 year of age [with summary in English]. N. I. Nisevich. Vop. okh. mat. i det. 6 no. 4 37-43 Ap '61.

Autoimmune reaction against antigens from tonsils in chronic tonsillitis [with summary in English] V I Marchenko and others Zhur mikrobiol epid i immun 32 no. 4 50-53 Ap '61

Brief news. Zhur. ush., nos. i gorl. bol. 20 no. 4:96 Jl-Ag '60.

Conservative methods for the treatment of chronic tonsillitis. L. A. Lukovskii. Zhur. ush., nos. i gorl. bol. 20 no. 5:73-75 S-O '60.

Finding of Trichomonas elongata in the crypts of the pharyngeal tonsils in chronic tonsillitis R Sh Talmatova Med zhur. Uzb no 5 76 My '61.

Late results of tonsillectomy in patients with chronic tonsillitis and rheumatic fever [with summary in English]. S. A. IArlykov. Zhur. ush., nos. i gorl. bol. 20 no. 5:63-67 S-O '60.

Possibility of detecting granulomas in the palatal tonsils [with summary in English]. G. N. Popova. Zhur. ush., nos. i gorl. bol. 21 no. 2:8-12 Mr-Ap '61.

Tasks and ways in the further study of the problem of chronic tonsillitis. L. A. Lukovskii. Zhur. ush., nos. i gorl. bol. 21 no. 2:3-8 Mr-Ap '61.

Use of Chaoul X-ray therapy in chronic tonsillitis [with summary in English]. N. F. Nazimok. Zhur. ush., nos. i gorl. bol. 21 no. 3:49-51 My-Je '61.

TONSILS—SURGERY

Hemorrhages in tonsillectomy as revealed by materials of the Otorhinolaryngological Section of the Odessa Region Military Hospital [with summary in English]. A. A. Bari. Zhur. ush., nos. i gorl. bol. 20 no. 5:45-48 S-O '60.

Method of arresting hemorrhage following surgery on the palatal tonsils. E. I. Turovich. Zhur. ush., nos. i gorl. bol. 21 no. 3:64-65 My-Je '61.

Pneumatic tonsil compressor for stopping hemorrhage from the tonsillar niches S A Libetzon, A L. Markzitser. Zhur. ush., nos i gorl bol 21 no. 1:79-80 J Ja-F '61.

Prevention of hemorrhage following tonsillectomy I. F. Reznik Zhur ush , nos i gorl. bol 21 no 1 78 Ja-F '61.

Universal raspatory for tonsillectomy. IA. I. Gekker. Zhur. ush., nos. i gorl. bol. 21 no. 2:80-81 Mr-Ap '61.

HARDENING

ness and red hardness of high-speed nmary in English]. P M. IUshkevych. 5 no 1 100-108 Ja-F '60.

ALLOGRAPHY

peed steels [from "Journ. Japan Inst. 60]. Metalloved. i term. obr. met. 11.

duced carbide heterogeneity. IU. A. nneva, TS. L. Olesova. Metalloved. i o. 9:25-35 Je '61.

S

es of the compilation and generalizaa landscape maps. Sh. S. Poletaeva. v.; geod. i aerof. no. 1:123-131 '61.

perfectly normal spaces. A. P. Savin. 3 no. 5:1028-1032 Je '61.

p-extensions of a local field. S. P. AN SSSR Ser. mat. 25 no. 3.329-346

Platetskii-Shapiro, I. I. [Geometry of the classical regions and the theory of automorphic functions] Geometriia klassicheskikh oblastei i teoriia avtomorfnykh funktsii. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 191 p. (Sovremennye problemy matematiki)

Proof of the fundamental theorem in the theory of stereohedra B. N Delone Dokl AN SSSR 139 no 6.1270-1272 Je '61

Reversed spectra and dimensionality. B. Pansykov. Dokl AN SSSR 136 no. 5.1013-1015 Je '61.

Some problems in the topology of Euclidean spaces. L. V. Keldysh. Usp. mat. nauk 16 no. 1:3-18 Ja F '61.

Summation of a denumerable number of sequences S F Brudno Izv AN SSSR. Ser mat 25 no 3 385-401 My-Je '61

Weight and capacity of ill-closed spaces. I I Parovichenko Dokl AN SSSR 138 no 6:1285-1287 Je '61

TORGASHINO REGION—LIMESTONE

Recent data on the age of the Torgashino limestones (Krasnoyarsk area). I I Koptev Izv. vys ucheb zav geol i razv. 4 no 4 3-8 Ap '61

TORNADOES see subdivision under Kel' Valley

TORPEDOES

The torpedo is a terrible weapon. V. Romanovskii Voen. znan. 37 no. 7:25-26 Jl '61.

TORSION

Elastic plastic torsion of oval bars. P. I. Perlin. Inzh. sbor. 31 202-205 '61.

High-temperature branch of the internal friction background. N S. Fastov. Dokl. AN SSSR 138 no. 5 1069-1072 Je '61.

Torsion of an elliptic bar with two circular cavities A S Kosmodamianskii. Inzh. sbor. 31:76-79 '61

Torsion of prismatic rods made of an anisotropic inelastic plastic material G. I. Bykovtsev. Izv. AN SSSR Otd tekh. nauk. Mekh. i mashinostr. no. 3:151-157 My-Je '61

Torsion test for plastics and inorganic glasses at temperature above the vitrification point. A. S. Predtechenskii Zav. lab. 27 no. 6:743-747 '61.

Twisting of an anisotropic rod by forces distributed at the lateral surface. S. G. Lekhnitskii. Prikl. mat. i mekh. 25 no. 1:56-67 Ja-F '61.

TOURISM

(see also subdivision under Altai Mountains)

[The Caucasian ring; an automobile tour] Kavkazskoe kol'tso, avtomobil'nyi marshrut. [Moskva] Izd-vo VTsSPS Profizdat, 1960. 126 p.

[For those preparing to take to the road] Sobiraiushchemusia v dorogu. Moskva, Izd-vo "Pravda," 1961. 76 p. (Biblioteka "Komsomol'skoi pravdy," no. 6)

Tourists, on the road! S. Novikov. Komsom zhizn' no. 12.13-16 Je '61.

TOURMALINE see subdivision under Kedabek District

TOWING

Device for the automatic linking of river and lake vessels. V. A. IAkovlev Sudostroenie 27 no. 5:19-23 My '61

TOXINS AND ANTITOXINS

Change in the plasmocyte reaction and formation of antitoxin in rabbits under the effect of penicillin [with summary in English] N. V. Chumachenko Zhur. mikrobiol epid i immun. 32 no. 1:73-76 Ja '61

Comparative experimental study of 3 sorbed preparations of scarlet fever erythrogenic toxin [with summary in English] I V Kushko, V. V. Akimova Zhur mikrobiol epid i immun. 31 no. 8:51-54 Ag '60.

Effect of products of deep splitting of proteins in a culture medium on C. diphtheriae toxin formation Report No. 1: Medium digested by an enzymatic mixture of trypsin and enterokinase for the preparation of diphtherial toxin [with summary in English]. P. V. Pavlov, A. G Leonova, M. V. Smirnova Zhur mikrobiol. epid. i immun. 31 no. 8:65-69 Ag '60.

Effect of the plague microbe toxin on phosphorus metabolism in the liver [with summary in English]. I. V. Domaradskii, I. M. Klimova, L. G. Perevalova Vop. med. khim. 7 no. 2:145-149 Mr-Ap '61.

Effect of the products of protein splitting in a culture medium on toxin formation. Report No. 2: Antigenic and immunogenic properties of diphtheria toxins (toxoids) obtained on a medium, digested by two enzymes, during culture of the Wolsensee strain [with summary in English] P. V. Pavlov, A. G. Leonova. Zhur mikrobiol. epid. i immun. 32 no. 1:95-99 Ja '61.

Experience in sublimation drying of concentrated sorbed antoxins [with summary in English]. R. A. Saltykov, E. M. Zamskov, I. V. Nikonov. Zhur. mikrobiol. epid. i immun. 32 no 1:117-121 Ja '61.

Experimental study of the immunogenic properties of associated anaerobic toxoids. Report No. 1: Study of the immunological effectiveness of sextatoxoids in primary immunization of animals [with summary in English]. G. V. Vygodchikov and others. Zhur. mikrobiol. epid i immun. 32 no. 1:28-32 Ja '61.

TOXINS AND ANTITOXINS (Continued)
Production of a highly active Grigor'ev-Shiga toxin and its investigation by means of an electrophoretic method [with summary in English] E A El'chinova Zhur mikrobiol, epid i immun 32 no 2 16-20 F '61
Production of a highly purified diphtheria anatoxin and its characteristics. Report No 1 Production of a highly-purified diphtherial anatoxin [with summary in English] I Z Konshina Zhur. mikrobiol epid i immun 32 no 4 19-22 Ap '61
Quantitative determination of diphtheria anatoxin aerosol [with summary in English] S N Muromtsev and others Zhur mikrobiol epid i immun 31 no 8:47-50 Ag '60
Sorption properties of toxins in relation to antibiotics. V N. Derkach. Antibiotiki 5 no 3:116-119 My-Je '60
Spectrophotometry and luminescence analysis of anatoxins [with summary in English] V. M. Vadimov. Zhur mikrobiol. epid i immun. 31 no 8 35-40 Ag '60.
Studies on the structure of the tetanus toxin by means of a diffusion gel precipitation method [with summary in English] A IU Illiutovich. Zhur mikrobiol epid. i immun. 32 no 3 76-80 Mr '61
Study of the antigenic composition of Cl. perfringens toxin and antatoxins [with summary in English] M V Ispolatovskaia, I IA Marmalevskaia Zhur mikrobiol epid i immun 31 no 8,70-75 Ag '60
Use of ionizing radiation in sterilizing tetanus anatoxin Report No 2 [with summary in English] I M Goncharenko Zhur. mikrobiol epid i immun J2 no 5 97-100 My '61
Use of the complement fixation reaction in the quantitative determination of Clostridium botulinum toxin A [with summary in English] T A. Kalitina. Vop pit. 20 no 2,62-64 Mr-Ap '61.

TOXOPLASMOSIS
Treatment of congenital toxoplasmosis in children [with summary in English]. Z. L. Filippova-Nutikhina. Vop. okh. mat. i det. 6 no.4:29-33 Ap '61.

TRACE ELEMENTS
Conference on the biological role of trace elements. IA. V. Hanitkevych Ukr. biokhim zhur. 33 no 3: 459-460 '61.
Effect of copper, manganese, and boron on the yield and quality of sugar beets and spring wheat in Alma-Ata Province D V Vasil'eva Dokl TSKhA no 64 49-56 '61
Effect of fritted trace elements of hemp yields V I. Pyl'nyk Visnyk sil'hosp. nauky 4 no 5 106-108 My '61
Effect of trace elements (zinc, maganese, cobalt) on growth and metabolic processes in BCG cultures [with summary in English. T. S. Goncharevskaia Zhur. mikrobiol epid i immun 32 no. 3,70-75 Mr '61.
Effectiveness of trace element fertilizers in Moscow Province A V Peterburgskii, G. L. Nelliubova. Dokl TSKhA no. 64 41-47 '61.
Trace elements in Leninogorsk deposit ores. A. N. Litvinovich, M. D Loginova Trudy Alt. GMNII AN Kazakh. SSR 9.92-103 '60.
Using ion-exchange resins for the quantitative analysis of trace elements. I. K. TSitovich. Pochvovedenie no. 4 107-110 Ap '61.

TRACHEA—INNERVATION
Afferent innervation of the trachea [with summary in English]. A. I. Pavlova. Zhur. ush., nos. i gorl. bol. 21 no. 2:12-17 Mr-Ap '61.

TRACHEA—SURGERY
First tracheotomies in Russian surgery. V. S. Liande. Zhur. ush., nos. i gorl. bol. 21 no. 3:85-86 My-Je '61.

TRACHEA—WOUNDS AND INJURIES
Closed injury of the larynx with complete avulsion of the trachea. L. A. Poliak. Zhur. ush., nos. i gorl. bol. 21 no. 1:73-75 Ja-F '61.

TRACHOMA see Conjunctivitis, Granular

TRACK ATHLETICS see subdivision under Uzbekistan

TRACK ATHLETICS—PSYCHOLOGICAL ASPECTS
Methods for building persistence and endurance in older pupils in the process of training in track athletics O M. Tutundzian. Probl. psikhol. sporta no. 1,178-198 '60

TRACTOR INDUSTRY
(see also subdivision under Kharkov; Minsk)
New automatic line. D. A. Simonov. Trakt. i sel'khozmash. 31 no. 7:39-40 Jl '61.
Production indices in tractor and agricultural machinery industry. K. V. Kolesova. Trakt. i sel'khozmash. 31 no. 7:37-39 Jl '61.
Specialization in tractor building. E. S. Naidenov. Trakt. i sel'khozmash. 31 no. 6:42-43 Je '61.
Tractor industry in 1961-1962. G. I. Vekhov. Trakt. i sel'khozmash. 31 no. 7:1-2 Jl '61.

TRACTOR INDUSTRY—COSTS
The cost of production is a mirror which shows the work of industrial enterprises. P Katsura Agitator no 13 24-27 Jl '61.

TRACTORS
(see also subdivision under United States)
Attachment for the automatic control of tractors. M. M Nastenko, I I Vasylenko, V. M Dovbysh. Mekh. sil' hosp. 12 no. 7 29-30 Jl '61
Distribution of loads on the support mechanism of the DT-54 tractor with a mounted plow P. M Borisshko, P H IEremenko Visnyk sil'hosp nauky 4 no 5 16-23 My '61
Evaluating the traction force of tractors with the help of dimensionless parameters B IA Ginsburg Mekh. i elek sots. sel'khoz. 19 no 3 9-14 '61
Khar'kovskii traktorosborochnyi zavod. [The T-75 tractor; operating manual] Traktor T-75, rukovodstvo po ekspluatatsii. Pod red. B. P. Kashuba. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit lit-ry, 1960. 374 p.
New mechanisms of modern Soviet tractors. M. Prigozhain. Tekh. v sel'khoz 21 no. 6 17-19 Je '61
Operating tractors at increased speeds. M Pogosbekov Tekh. v sel'khoz. 21 no. 6 70-81 Je '61
Possibilities for over-all automation in the operation of tractors V. I Anokhin Dokl TSKhA no 66 91-102 '61.
S-100M tractor A. Adrianov, V Davydov. Tekh. v sel'khoz 21 no. 6,46-47 Je '61.
Work of the Tractor Research Institute in accelerating the operating speed of tractors [with summaries in English, German, and French] I I Trepenenkov Vest. sel'khoz. nauki 6 no 6:64-68 Ja '61
Working conditions on tractors and agricultural machinery. G. Krukov, M. Bol'shov. Trakt. i sel'khozmash. 31 no. 7 17-18 Jl '61.
Working in two shifts is an important measure in increasing the productivity of tractors. F I IAlovenko Mekh. sil'. hosp. 12 no 7,19-21 Jl '61.

TRACTORS—DYNAMICS
How the position of the momentary axis of the turning gear of a plow's suspension mechanism affects the reaction of the furrow bottom and the additional load of tractor engines. I. F Popov, N I Klenin Dokl TSKhA no 66 53-66 '61.

TRACTORS—ENGINES
Increasing dynamic and economic indices of tractor engines under unsteady load. V. I. Sheshukhin. Trakt. i sel'khozmash. 31 no. 7:8-11 Jl '61.
Investigating the thermal stress and wear of parts in hopped up SMD-14 engines M P. Zubietova, K. Nikitin Dokl TSKhA no 66 145-154 '61.

TRACTORS—ENGINES—CYLINDERS
Precision guarantees high quality. P. Ekain. Sel'. mekh no. 6:16-19 '61.
Ways for investigating how various methods of hopping up internal combustion engines of truck-tractors affect the wear of cylinder and piston rings. E. V. Issaev. Dokl TSKhA no 66 155-166 '61

TRACTORS—FUEL SYSTEMS
Principles of the fuel feed system A G Sakharov Dokl TSKhA no. 66.103-108 '61

TRACTORS—LIGHTING
Corn cultivation with electric lighting. S. Mishle, E Potekhin. Tekh. v sel'khoz. 21 no. 6,70-71 Je '61

TRACTORS—MAINTENANCE AND REPAIR
Moscow. TSentral'nyi nauchno-issledovatel'skii institut mekhanizatsii i energetiki lesnoi promyshlennosti. [Technical specifications for repairing, assembling, and testing after repair TDT-60 tractors] Tekhnicheskie usloviia na remont, sborku i ispytanie posle remonta traktora TDT-60. Moskva, Goslesbumizdat (Tipovaia tekhnologiia remonta lesozagotovitel'nykh mashin i mekhanizmov)
Pt. 2, [Tractor and its units (except the engine)] Traktor i ego agregaty (krome dvigatelia). 1961. 149 p.
Selecting the electrode wire for building up truck-tractor parts by automatic pulsation welding. V S Ibragimov Dokl TSKhA no 66 271-280 '61.

TRACTORS—TESTING
Methods for investigating starting properties of tractors on a testing stand. M. A. Orlov. Dokl. TSKhA no. 66. 131-144 '61.

TRACTORS—TIRES
Electric vulcanization sector. A. P. Burlak, A. P. Livanov. Les. prom. 39 no. 6:30 Je '61.

TRACTORS—TRANSMISSION DEVICES
Methods for accelerated stand testing of transmissions. G. I. Skundin. Trakt. i sel'khozmash. 31 no. 7:11-14 Jl '61.
Repairing pinions of intermediate shafts IA Reznikov, E Prianishnikov, A Aleshkin Sel'. mekh no 6-28 '61
Traction force of tractors with hydrostatic transmission I V Prumkis, V I Mininzon Mekh i elek.sots.sel'khoz 19 no 3 14-18 '61.
Tractor with hydraulic transmission (from "Agricultural Engineering" May, 1960). Trakt. i sel'khozmash. 31 no 6-3 of cover Je '61.

TRACTORS—WHEELS
Fastening hubs on tractor wheels I. Kurilo. Sel'. mekh. no 6-28-29 '61.

TRADE UNIONS
(see also subdivision under Africa, Czechoslovakia; Germany, West, Great Britain, India, Indonesia, Latin America, Senegal, Stalingrad, Tyumen' Province, Vladimir Province)
[Collection of resolutions of the Presidium and Secretariat of the All-Union Central Council of Trade Unions, Council of Trade Unions; January-September 1960] Sbornik postanovlenii Prezidiuma i Sekretariata VTsSPS, 1960 god (yanvar'-sentiabr'). [Moskva] Izd-vo VTsSPS Profizdat, 1961. 439 p.
A competition in skills V Podzorenko Sov profsoiuzy 17 no 12 5-8 Je '61
Consultations. Ryb khoz 37 no 5 92 '61.
Cultural centers are the disseminators of everything new A Vertlov Sov profsoiuzy 17 no 12 20-21 Je '61
How to plan the work of a trade union committee. S. Zubkov Sov. profsoiuzy 17 no 12 32-33 Je '61
In defense and for the expansion of trade union rights Elena Teodorescu Voem. prof dvizh no 5 43-46 My '61
Internationalism is our banner L Solov'ev. Sov profsoiuzy 17 no 12 1-4 Je '61
Moscow. Vysshaia zaochnaia shkola Profdvizhenia [History of the trade-union movement in the U. S. S. R.] Istoriia profdvizhenia v SSSR. Izd. 2., pererab. [Moskva] Izd-vo VTsSPS Profizdat, 1961. 524 p.
Participation of trade unions in government during the large-scale building of a communist society. A S. Pashkov. Sov. gos. i pravo 31 no. 7,36-45 Jl '61.
We feel the World Federation of Trade Unions' support Vasilis Papastafidas Sov profsoiuzy 17 no 12 35-36 Je '61

TRAFFIC ACCIDENTS
(see also subdivision under Kiev)
Defects in automobiles cause accidents. A. Belan Sel'. mekh no 6:40-42 '61

TRAFFIC ENGINEERING
(see also subdivision under Leningrad)
The railroad station and its square form a nucleus for a unified transport system. I. IAvein. Arkhit. SSSR no. 3: 26-31 '61.

TRAFFIC SIGNS AND SIGNALS see subdivision under Moscow

TRAINING OF EMPLOYEES see Employees, Training of

TRANQUILIZING DRUGS
Depressive states appearing during treatment with neuroleptic drugs [with summary in French]. A. B. Smulevich. Zhur. nevr. i psikh. 61 no. 2:236-246 '61.
Sedative and antiemetic effect of a new neuroplegic substance ethaperazine [with summary in English] Che Si-pin [Ch'ê Hsi-p'ing]. Farm. i toks. 24 no 2 140-145 Mr-Ap '61.

TRANSAMINASE
Aminopherases in isolated cell nuclei V. L. Nemchinskaia TSitologiia 3 no 3:327-333 My-Je '61.
Data on the distribution of transaminases in the blood and the effect of carbon tetrachloride on their activity in animals [with summary in English]. IA. L Hermaniuk. Ukr. biokhim. zhur 33 no 3 374-378 '61.
Diagnostic and prognostic value of serum transaminase and aldolase activity tests in patients with Botkin's disease. T. A. Veselovskaia, P. D. Starshov. Sov. med. 25 no. 5:47-52 My '61.
Ornithine carbamyltransferase and glutamate-aspartate-transaminase in the blood serum in liver diseases. K. Rysanek, V. Vitek. Vop. med. khim. 7 no. 2:136-141 Mr-Ap '61.

TRANSBAIKALIA—ARCHAEOLOGY
Foreword. Arkheol. sbor. 1:3-4 '59.

TRANSBAIKALIA—BARK BEETLES
Fauna and ecology of bark beetles in southwestern Transbaikalia. G. V. Lindeman. Soob. Lab. lesoved. AN SSSR no. 4:98-101 '61.

TRANSBAIKALIA—BORINGS
Results of key drilling in the Irkutsk amphitheater and western Transbaikalia Z A Kondrat'eva Trudy VNIGRI no. 163:3-71 '60.

TRANSBAIKALIA—BRONZE AGE
On the origin of the slab grave cultures in Transbaikalia. V. E. Larichev. Arkheol. sbor 1:63-73 '59

TRANSBAIKALIA—DESCRIPTION AND TRAVEL

Transbaikalia G. L Tarasov. Priroda 50 no. 7 19-24 Jl '61

TRANSBAIKALIA—FLOODS

Floods from rain in Transbaikalia N. N. Dreier. Priroda 50 no 7.126 Jl '61

TRANSBAIKALIA—FLUORITE

Basic geological and genetic features of fluorite deposits in western Transbaikalia. A. D. Shcheglov. Geol. i rud mestorozh. no. 3 51-69 My-Je '61

TRANSBAIKALIA—GEOLOGY, STRATIGRAPHIC

Age of sedimentary and metamorphic formations in eastern Transbaikalia B. V Timofeev Trudy VNIGRI no 163 486-492 '60.

TRANSBAIKALIA—GEOLOGY, STRUCTURAL

Main features of the geological texture of the Antonovogorsk tungsten deposit in eastern Transbaikalia. A. V. Druzhinin, K. M. Mel'nikova. Izv. vys. ucheb. zav.; tsvet. met. 4 no.2:11-18 '61.

Predicting the structure of some Mesozoic depressions in Transbaikalia and problems relative to methods of prospecting for hidden deposits. V. V. Aristov and others Izv vys ucheb. zav , geol i razv. 4 no 2 76-90 F '61.

TRANSBAIKALIA—SPRINGS

Termal springs containing nitrogen in northern Transbaikalia V A Albagachieva Biul. MOIP Otd geol 34 no 5 156-157 S-O '59

TRANSBAIKALIA—STATE FARMS

Military state farms of Transbaikalia have improved their operation I. Kuz'min, K Galkin Tyl i snab Sov Voor. Sil 21 no 2 16-19 F '61.

TRANSBAIKALIA—STEPPES

Tansy steppes of the Transbaikalia. L. P. Serglevskaia. Izv. Tomsk. otd. VBO 4.41-49 '59.

TRANSBAIKALIA—STONE AGE

General study of the paleolith in Transbaikalia A. P. Okladnikov. Arkheol. sbor. 1,5-25 '59

TRANSBAIKALIA—TANSY

Tansy steppes of the Transbaikalia. L. P. Serglevskaia. Izv. Tomsk. otd. VBO 4 41-49 '59.

TRANSBAIKALIA—WATER, UNDERGROUND

Some problems in the hydrogeological study of eastern Transbaikalia from the viewpoint of industrial water supply K. A Ksenofontova Biul MOIP. Otd geol 34 no 5 157-158 S-O '59

TRANSCARPATHIA—CATHOLIC CHURCH

The futile efforts of clergymen Dezyderii Kovach Volov ateist no. 3 30-31 Mr '61

TRANSCARPATHIA—CLOVER—FERTILIZERS AND MANURES

Effect of mineral fertilizers and trace elements on the yield of clover seed in Transcarpathia T. M Pokryshchenko Visnyk sil'hosp nauky 4 no. 5 110-112 My '61.

TRANSCARPATHIA—CORN (MAIZE)—FERTILIZERS AND MANURES

Effect of manure composts on corn yields in Transcarpathia. O F. Zhdanova. Visnyk sil'hosp. nauky 4 no. 7 42-44 Jl '61.

TRANSCARPATHIA—FORESTS AND FORESTRY

Forest types of Transcarpathia. B. I. Ivanenko. Soob. Lab. lesoved. AN SSSR no.4 102-114 '61.

TRANSCARPATHIA—GEOLOGY, STRUCTURAL

Geological structure of the Transcarpathian region in the mary in English]. AN URSR

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TRANSIENTS (ELECTRICITY)

Investigating transient processes in two-circuit parametric converters with sum or difference output frequencies. IU. A. Il'inskii, M. D. Karasev. Vest. Mosk. un. Ser. 3: Fiz., astron. 16 no.2.12-18 Mr-Ap '61.

TRANSISTOR AMPLIFIERS

Concerning the theory of selective RC transistor amplifiers. IU. G. Timchenko, A. P. Arapenkov. Elektrosviaz' 15 no.5:26-32 My '61.

Dependence of the principal circuit parameters on the changes in the parameter of one of its elements. L. IA. Nagornyi. Elektrosviaz' 15 no.8.42-52 Je '61.

Design of transistor amplifiers with feedback. G.S.Ramm Elektrosviaz' 15 no 7:30-36 Jl '61.

Gorasimov, S. M., L. N. Migulin, and V. N. IAkovlev, [Design and transistor amplifiers and oscillators] Raschet poluprovodnikovykh usilitelei i generatorov. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 430 p.

TRANSISTOR CIRCUITS

Concerning "reversal" conditions in semiconductor relay devices [with summary in English]. S. V. Kulikov Avtom i telem 22 no. 7 914-918 Jl '61.

Miniature high-speed automatic transistor compensator. V G Zubov, L. IA. Mizfuk. Priborostroenie no. 6 10-12 Je '61

Temperature compensation for transistor stabilizers S. D. Dodik. Izm tekh. no. 7 23-26 Jl '61

TRANSISTORS

Drobashchenko, I. T., and A. N. Ksenofontov, [Fundamentals of electronics and radio engineering] Osnovy elektroniki i radiotekhniki. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 283 p.

Pulse method for determing the parameters of drift transistors V. I. Shveikin Radiotekh. i elektron 6 no. 6,999-1009 Je '61.

Study of the operation of a frequency multiplier using the nonlinear capacitance of the p-n junction. V. B. Braginskii, V. A. Dianova, E. R. Mustel'. Radiotekh. i elektron. 6 no. 7:1173-1177 Jl '61.

Transistorized rail flaw detector G. N. Zrazhevskii, V. D Potapenko. Put' i put khoz 5 no 5.34-35 My '61.

TRANSISTORS—THERMAL PROPERTIES

Calculation of thermal conditions in transistors [with summary in English] A N. Afanas'ev Avtom. i telem 22 no 5 641-647 My '61.

TRANSPLANTATION OF ORGANS, TISSUES, ETC.

Basic problems in tissue and organ transplantation. P. M. Chepov. Pat. fiziol. i eksp. terap. 5 no. 3:86-91 My-Je '61.

Genetics of tissue transplantation. O. S. Frankfurt. Pat. fiziol. i eksp. terap. 5 no. 1.74-82 Ja-F '61.

TRANSPORT PLANES

Transport planes en route. B IA. IAkovlev Vest. Vozd. Fl no 3 46-49 '61

TRANSPORTATION

(see also subdivision under Irkutsk Province)

Koldomasov, IU. I. [Comprehensive development of Soviet transportation] Kompleksnoe razvitie transporta SSSR. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 179 p.

Shul'man, A. S. [Transportation of the Russian Federation during the seven-year plan period] Transport Rossiskoi Federatsii v semiletii. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1960. 103 p.

TRANSPORTATION—PASSENGER TRAFFIC

[Traveler's guidebook] Spravochnik passazhira. [Moskva] Transzheldorizdat, 1961. 368 p.

TRANSPORTATION, AUTOMOTIVE

In the interests of the countries of Asia and the Far East. A. Nekrasov Avt dor 24 no. 6.26-28 My '61

Russia (1917- R. S. F. S. R.) Ministerstvo avtomobil'nogo transporta i shosseinykh dorog. [Manual of the automotive transportation worker, production and finance planning, accounting and reporting in automotive transportation units] Spravochnik rabotnika avtomobil'nogo transporta; proizvodstvennoe i finansovoe planirovanie, uchet i otchetnost' v avtokhoziaistvakh. Red. kollegila: L. A. Bronshtein i dr. Moskva, Avtotransizdat, 1961. 310 p.

Shipunova, M. A. [How to lower overhead expenses in automotive transportation] Puti snizhenia nakladnykh raskhodov v avtokhoziaistvakh. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 29 p.

TRANSPORTATION, AUTOMOTIVE—LABOR PRODUCTIVITY

Methodology for measuring and planning labor productivity in automotive transportation. N. Bilibina. Biul. nauch. inform., trud i zar plata 4 no 4 7-12 '61.

TRANSPORTATION, MILITARY

For great economy in military transportation. IU Mashonin Tyl i snab. Sov. Voor. Sil 21 no. 1:78-80 Ja '61.

TRAVELING-WAVE TUBES

Entrainment of oscillations generated by a backward-wave tube in the microwave band. V. I. Kanavets. Vest. Mosk. un. Ser. 3. Fiz., astron. 16 no. 2 34-40 Mr-Ap '61.

Focusing of the electron beam by a periodic electrostatic field in a traveling-wave tube. A. L. Igritskii. Radiotekh. i elektron. 6 no. 6 964-975 Je '61.

Harmonics in the electron stream at the output end of a traveling-wave tube V I Kanavets. Radiotekhn i elektron 6 no. 6:954-963 Je '61

TRAVERSES (SURVEYING)

Criterion of the curvature of a polygonal traverse V. F Antoniuzhenko. Izv vys ucheb zav , geod i aerof. no. 1:65-72 '61

Effect of systematic errors in linear measurements on the accuracy of adjusted elements of a polygonal traverse V G. Konusov. Izv. vys. ucheb. zav., geod i aerof no 2:57-64 '61

Method of azimuthal polygonal intersections used in establishing geodetic networks in cities V N. Shimkovich. Izv. vys. ucheb zav , geod i aerof. no. 2:40-45 '61.

TRAVERTINE see subdivision under Minusinsk Basin

TRAWLS AND TRAWLING see subdivision under Atlantic Ocean; Bering Sea, Germany, West

TREE BREEDING

(see also subdivision under Ural Mountain region)

Co-ordinated Conference on tree breeding and seed production. P. I. Volchal' Izv. vys. ucheb. zav., lesnoi zhur. 4 no. 2:166 '61

TREES

(see also subdivision under Batum, Mediterranean Sea region; Ukraine)

Effect of climate on the increment of trees. O. S Ivanteievev. Visnyk sil'hosp. nauky 4 no. 7 97-102 Jl '61.

Factors affecting the development of tree crowns. P. S. Kondrat'ev. Dokl TSKhA no. 59.117-122 '60

Pisnitskii, S. S. [Course in dendrology] Kurs dendrologii. Khar'kov, Izd-vo Khar'kovskogo gos. univ. im. A. M. Gor'kogo, 1960. 421 p.

TREES—DISEASES AND PESTS

Ecology of the murine rodents of conifer-hardwood forests. V. I Shmal'gauzen. Soob. Lab. lesoved. AN SSSR no 3:63-68 '61.

Effectiveness of aerosols in controlling tree and shrubbery pests in cities. S. T. Pod'ko. Zashch. rast. ot vred i bol. 5 no. 1:24 Ja '60.

Restoration of murine rodent population in forests after extermination B. V. Obraztsov Soob. Lab lesoved AN SSSR no 3:59-62 '61.

Role of latent infection in the development of cytosporosis in trees. E. A. Dvoichenkova. Dokl. TSKhA no. 59:205-214 '60.

TREES—WATER REQUIREMENTS

Water consumption of trees in the steppe. E. G. Kucheriavykh. Biul. nauch.-tekh. inform. Ukr. NII. KhA no. 2:43-46 '57.

TREES IN WINTER

Dynamics of chloroplast granules in the bark of tree shoots in spring and winter. IU. M. Agaev. Izv. AN Azerb. SSR. Ser. biol i med. nauk no 2:10-24 '61

TREMATODA see subdivision under Azerbaijan; Kirghizistan

TRIALS (POLITICAL CRIMES AND OFFENSES) see subdivision under Germany; South Africa, Union of, Turkey

TRIANGULATION

Accuracy of staking out structures by the microtriangulation method. V. K Pankrushin. Izv. vys ucheb zav , geod. i aerof. no 2:77-85 '61.

Estimating the number of conditional equations involved in subsidiary triangulation networks. A A Solomonov Izv. vys. ucheb. zav. ; geod. i aerof. no 2:47-56 '61

Gaidaev, P. A., and M. P. Fomin. [Adjustment of second-order triangulation of approximations] Uravnivanie triangulatsii 2 klassa priblizheniami. Moskva, Izd-vo geodiz. lit-ry, 1960. 36 p.

Intersections in city triangulation. L A Aninimov Geod i kart. no. 6:53-56 Je '61

Measuring grid for use in determining the elevations of points. A. S. Doroshchak. Geod. i kart. no 5 62-64 My '61.

Program for the adjustment of small triangulation networks on the Strela electronic computer. V. A Kougia Geod. i kart. no. 5:14-21 My '61.

Theoretically advisable standard size of triangulation triangles. G. E. Somov. Izv. vys. ucheb. zav., geod i aerof. no. 1:27-36 '61.

TRIANGULATION SIGNAL TOWERS

Results of angular measurements from trilateral signals in 1960. S. G. Sudakov Geod. i kart. no. 5:3-11 My '61.

TRIAZOLE
Aminotriazoles in the Mannich reaction. S. S. Novikov, V. A. Rudenko, V. M. Brusnikina. Izv. AN SSSR. Otd. khim. nauk no 6 1148-1149 Je '61.

TRICHINA AND TRICHINOSIS
Role of zoological parks in the epizootiology of trichinosis [with summary in English] IU. A. Berezantsev Zool. zhur. 40 no. 6 934-935 Je '61

TRICHODERMA—TOXICOLOGY
Toxicity of feeds infested by Trichoderma fungi T. E. Burdeiev, V. G. Zhil'tsov Dokl. TSKhA no 61 229-233 '61

TRICHOMONAS
Finding of Trichomonas elongata in the crypts of the pharyngeal tonsils in chronic tonsillitis R. Sh. Taimatova Med. zhur. Uzb. no 5 76 My '61
Treating trichomonal colpitis with gastric juice. I. V. Movchan. Ped., akush. i gin. 23 no 1:64 '61

TRICHOMONIASIS
Treatment of trichomoniasis in cattle with aminoacrichine A. A. Kovnlov. Visnyk sil'hosp. nauky 4 no. 7 81-84 Jl '61

TRICKS
Other side of tricks. A. Akopian. IUn. tekh. 5 no. 3: 67 Mr '61.

TRIGONOMETRY—PROBLEMS, EXERCISES, ETC.
Aizenshtat, IA. I., and B. G. Belotserkovskaia. [Solving of problems in trigonometry; manual for teachers] Reshenie zadach po trigonometrii, posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 254 p.

TRILOBITES see subdivision under Aktyubinsk Province; Kendyktas Ridge

TRIODES
Concerning the theory of a plane-electrode triode with zero space charge in the plate-grid gap. E. N. Petrov. Radiotekh. i elektron. 6 no. 7:1170-1172 Jl '61.
Selecting semiconductor triodes by comparing their characteristics on electron oscillographs N. I. Preobrazhenskii, K. A. Konev. Dokl. TSKhA no 66 27-30 '61

TRITIUM
Periodicity in the exchange of hydrogen between organic structures and water in the organism [with summary in English] K. M. Bogdanov, M. I. Shal'nov, IU. M. Shtukkenberg Biofizika 4 no 5,582-587 '59

TRIZNOVO—MOUNDS
Burial mounds at the Triznovo village S. A. Iziumova. Sov. arkheol. 5 no. 2:252-258 '61

TROFIMOV, NIKOLAI PAVLOVICH, 1861-1918
Nikolai Pavlovich Trofimov. B. L. Frantsuzov. Zhur. ush., nos. i gorl. bol. 21 no. 3:87-88 My-Je '61.

TROLLEY BUSES—MAINTENANCE AND REPAIR see subdivision under Moscow

TROSTYANETS DISTRICT—COLLECTIVE FARMS
The principal trait of character. Nikolai Ponomarev. Sov. Ukr. 11 no 6:171-176 Je '61.

TRUCK TRAILERS
The 790 panel transporter for carrying the panels of apartment houses. I. IA. Martsynovskii, A. I. Skordzhev. Stroi. i dor. mash. 6 no. 5:16-17 My '61.
Trailer trucks for transporting building parts. A. I. Skordzhev, L. IA. Martsynovskii. Mekh. stroi. 18 no. 4: 21-24 Ap '61.

TRUSSES
Precast prestressed-concrete segmented trusses of linear elements. Biul. stroi. tekh. 18 no. 4:21-26 Ap '61.
Supporting joints of reinforced concrete trusses. IU. V. Chinenkov, T. N. Kozhevnikova. Bet. i zhel.-bet. no. 5: 228-231 My '61.
Welded reinforced concrete trusses. Stroi. i arkhit. Len. 23 no. 5:40 My '61.

TRUSSES—TRANSPORTATION
Transporting 30 m. trusses. I. Stepanskii. Na stroi. Ros. no. 2:14 F '61.

TRUTNEV, VASILII KUZ'MICH, 1891-1960
In memory of Professor V. K. Trutnev; obituary. N. A. Bobrovskii. Zhur. ush., nos. i gorl. bol. 21 no. 2: 94-95 Mr-Ap '61.

THUYÈRE RIVER, FRANCE—HYDROELECTRIC POWER STATIONS
Building the Grandval hydroelectric development. S. la Roche, G. le Gros. Gidr. stroi. 31 no. 6:42-49 Je '61.

TRYPANOSOMIASIS
Single-phase casein-yeast medium for culturing Trypanosoma cruzi. G. V. Romanov. Lab. delo 7 no. 7: 54-55 Jl '61.

TRYPSIN
Effect of products of deep splitting of proteins in a culture medium on C. diphtheriae toxin formation. Report No 1: Medium digested by an enzymatic mixture of trypsin and enterokinase for the preparation of diphtherial toxin [with summary in English] P. V. Pavlov, A. G. Leonova, M. V. Smirnova. Zhur. mikrobiol. epid. i immun. 31 no. 8,65-69 Ag '60
Effect of the products of protein splitting in a culture medium on toxin formation. Report No. 2: Antigenic and immunogenic properties of diphtheria toxins (toxoids) obtained on a medium, digested by two enzymes, during culture of the Weisensee strain [with summary in English] P. V. Pavlov, A. G. Leonova Zhur. mikrobiol. epid. i immun. 32 no 1:95-99 Ja '61.

TRYPTOPHAN
Possibility of energy migration among tryptophan molecules S. V. Konev, M. A. Katibnikov, M. A. Petrova. Biofizika 6 no. 3:375 '61.
Synthesis of β-tryptophan V. P. Mamaev, L. S. Sandakhchiev Zhur. VKHO 6 no 3-350-352 '61.

TSELINA DISTRICT—AGRICULTURE
Kon'kov, M. I. [We should clearly see our future development] Nasho videt' perspektivu. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 40 p. (Reshenila ianvarskogo (1961 g.) Plenuma TsK KPSS - v zhizn'!)

TSELINNYY KRAY see Virgin Territory

TSELINOGRAD PROVINCE—SOIL RESEARCH
Soil investigations on the "Krasivinskii" State Farm located in the newly reclaimed area of Akmolinsk Province A. P. Mershin, A. I. Zhukov. Dokl. TSKhA no 60,77-83 '61

TSELINOGRAD PROVINCE—SYENITE
Sodalite-nepheline syenites in the Kubasadyr massif within the Dzharkainagach natural boundary (central Kazakhstan). A. N. Nurylbaev, A. G. Panchenko, S. B. Patrikeev Izv. AN Kazakh SSR. Ser. geol. no 1 28-35 '61

TSIMLYANSK RESERVOIR—ORGANIC MATTER
Study of organic matter from Tsimlyansk Reservoir and the White Sea. V. G. Datsko, I. A. Goncharova. Gidrokhim. mat. 32 128-130 '61.

TSIOLKOVSKII, KONSTANTIN EDUARDOVICH, 1857-1935
Investigation of the facts continues. . M. Arlazarov Nauka i zhizn' 28 no. 5:72-74 My '61.

TSIURUPINSK DISTRICT—SHEEPSHEARING
Masters of fine fleece. Ivan Sinokip. Sov. Ukr. 11 no. 6 127-138 Je '61.

TUAR-KYR—CLUB MOSES, FOSSIL
The middle Jurassic species of Setaginellites from western Turkmenistan. A. T. Burakova. Paleont. zhur no 2 133-134 '61.

TUBERCULOSIS
(see also subdivision under Sverdlovsk Province; Uzbekistan)
Alimov, Sh. A. [Clinical aspects and therapy in pulmonary tuberculosis] Klinika i terapiia tuberkuleza legkikh. Tashkent, Gos. med. izd-vo M-va zdravookhraneniia UzSSR, 1960. 146 p. (DNLM)
Aminazine treatment of patients with schizophrenia suffering from pulmonary tuberculosis [with summary in French]. E. A. Kivimiagi, E. A. IUdovich. Zhur. nevr. i psikh. 61 no. 2:247-250 '61.
Bacterioscopic methods for the examination of laryngeal mucus and bronchial and gastric lavage in patients with abacillary pulmonary tuberculosis [with summary in English]. A. I. Efimova. Sov. med. 25 no. 5:117-121 My '61.
Changes in the bronchi in tuberculosis of the bronchial nodes in young persons and adults. N. S. Vainberg, A. L. Brant. Vrach. delo no. 4:51-54 Ap '61.
Course of pulmonary tuberculosis and results of treating it under conditions of a local sanatorium F. K. Ismailov. Zdrav. Turk. 5 no. 1:30-34 Ja-F '61.
Diagnosis and therapy of early of forms of silicotuberculosis [with summary in English]. I. A. Shaklein, A. G. Gol'del'man. Sov. med. 25 no. 4:31-34 Ap '61.
Einis, V. L. [Tuberculosis; clinical aspects, prophylaxis and treatment] Tuberkulez; klinika, profilaktika i lechenie. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 231 p. (DNLM)
Hematological and immunobiological changes in dogs with pulmonary tuberculous cavities [with summary in English]. I. M. Bondarev. Pat. fiziol., eksp. terap. 5 no. 3: 64-71 My-Je '61.
Hematological characteristics of fresh uncomplicated cases of pulmonary tuberculosis during treatment with antibacterial drugs. A. G. Radzinskii. Vrach. delo no. 4:61-66 Ap '61.
Intratracheal administration of a suspension of phthivazid with penicillin in cavernous pulmonary tuberculosis [with summary in English]. A. I. Gerasimov. Zhur. ush., nos. i gorl. bol. 21 no. 2:61-67 Mr-Ap '61.
Possibility for broader use of a potato medium in studies on tuberculosis. T. A. Lutsenko. Lab. delo 7 no 7: 51-53 Jl '61.
Role and site for carrying out thoracocautery in treating pulmonary tuberculosis at the present stage [in Azerbaijani with summary in Russian]. B. M. Gorodetskii, A. D. Nurmamedov. Azerb. med. zhur. no. 6:70-73 Je '61.
Sounding and angiopneumography (general and selective) in pulmonary tuberculosis [with summary in English]. P. N. Mazaev and others. Eksper. khir. 4 no. 6:26-29 N-D '59.
Treatment of pulmonary tuberculosis by intratracheobronchial administration of streptomycin. G. V. Popandopulo. Zhur. ush., nos., i gorl. bol. 20 no. 5:71 S-O '60.
Treatment of tuberculosis of the bronchi and lungs by inhalations of aerosols of garlic juice [with summary in English]. IU. M. Guzeev. Zhur. ush., nos., i gorl. bol. 20 no. 5:21-26 S-O '60.

TUBERCULOSIS—PREVENTION
Program of the World Health Organization for the tuberculosis campaign, seventh session of the Tuberculosis Expert Committee of the World Health Organization. N. A. Shmelev. Vest. AMN SSSR 15 no 2:80-83 '60.

TUBERCULOSIS IN ANIMALS
A case of tuberculosis in a raven R. S. Galiev, A. F. Timofeev Izv. AN Kir. SSR Ser. biol. nauk 2 no. 7 37-39 '60

TUBES—WELDING
Programming conditions of argon-arc welding of tubes with a nonconsumable electrode. I. V. Variamov, IU. S. Ishchenko. Svar. proizv. no. 6:5-9 Je '61.

TUBINSKIY REGION—CHALCOPYRITE
New data on the structure of the Tubinskiy chalcopyrite ore deposit G. S. Il'inov Vop. geol. vost. okr. Rus. platf. i IUzh. Urala no. 4 3-6 '59

TUBINSKIY REGION—DIORITE
Composition of Tubinskiy gabbro-diorites and the possibility of the genetic relation between their sulfide mineralization and pyrite ore formation G. S. Il'inov Vop. geol. vost. okr. Rus. platf. i IUzh. Urala no. 4:7-16 '59

TUBINSKIY REGION—GABBRO
Composition of Tubinskiy gabbro-diorites and the possibility of the genetic relation between their sulfide mineralization and pyrite ore formation. G. S. Il'inov. Vop. geol. vost. okr. Rus. platf. i IUzh. Urala no 4 7-16 '59

TUBINSKIY REGION—PYRITES
Composition of Tubinskiy gabbro-diorites and the possibility of the genetic relation between their sulfide mineralization and pyrite ore formation. G. S. Il'inov Vop. geol. vost. okr. Rus. platf. i IUzh. Urala no 4:7-16 '59.
Contact changes in rocks of the Tubinskiy group of pyrite deposits in the Southern Urals. G. S. Il'inov. Vop. geol. vost. okr. Rus. platf. i IUzh. Urala no. 4: 17-27 '59.

TUGBOATS
Propulsive unit icebreaker-tug. IU. N. Popov, A. IA. Ryvlin. Sudostroenie 27 no. 6:18-19 Je '61
Selecting basic parameters of multi-propeller tugboats [from "International Shipbuilding Progress," November 1959]. V. Bondarenko. Rech. transp. 20 no. 6:57 Je '61

TULA—HOUSING MANAGEMENT
"Shortcomings in the administration and maintenance of Tula housing." Zhil.-kom. khoz. 11 no 4:27 Ap '61.

TULA DISTRICT—CONSTRUCTION INDUSTRY
Tula. I. Solotskii, V. Gipp. Na stroi. Ros. no. 2:37 F '61.

TULA PROVINCE—CONSTRUCTION INDUSTRY
The farmstead of the "Bol'shevik" State Farm changes its appearance Sel'. stroi. 16 no. 5:2 of cover My '61.

TULA PROVINCE—HEMORRHAGIC FEVER
Epidemiological peculiarities of an outbreak of hemorrhagic fever with a renal syndrome [with summary in English]. IU. A. Misnikov, Z. A. Levachova, K. K. Egiazarian. Zhur. mikrobiol. epid. i immun. 32 no. 5: 31-37 My '61

TULA PROVINCE—SOIL PHYSICS
Specific resistance of gray forest soils to plowing on the "Pakhomovo" State Farm in Tula Province [with summary in English]. P. U. Bakhtin, V. I. Volotskaia. Pochvovedenie no. 4:68-77 Ap '61.

TULA PROVINCE—SOILS—PHOSPHORUS CONTENT
Available phosphorus content of the Chernozems of Tula Province. A. I. Ratnikov Dokl. TSKhA no 60: 131-135 '61.

TULA PROVINCE—STATE FARMS
A good tillage brings a good harvest. P. Chebukin. Moskva 5 no. 5 199-202 '61.

TULA PROVINCE—WHEAT—FERTILIZERS AND MANURES

Fertilizer application to spring wheat on Chernozems on Tula Province I V Gulishin, V I Uspenskii Dokl TSKhA no 64 37-40 '61

TULAREMIA

(see also subdivision under Caucasus; Chita Province; Don River Delta)

Aerosol immunization with dry live vaccines and anatoxins Part 4- Characteristics and dynamics of the vaccinal process following aerosol vaccination with brucellosis, tularemia, anthrax and plague dust vaccines [with summary in English]. N I Aleksandrov and others Zhur mikrobiol epid i immun 31 no 12 38-41 D '60

Preliminary data on the culturing of the causative agents of tularemia, brucellosis, and plague on a medium with native fermentative hydrolysate aminopeptide-2 Report No 1 A S Leibenzon, Z F Luchsheva Zhur mikrobiol, epid i immun 31 no 12 102-103 D '60

"Problems in the epidemiology and prevention of tularemia " Edited by N G Olsuf'ev, B. N. Pastukhov, V. V Kucheruk Reviewed by IU A Mlasnikov Zhur mikrobiol epid i immun 31 no 3;134-136 Mr '60

Protective function of the local inflammatory focus induced by live vaccine Report No 1 [with summary in English]. P A Vershilova, M I Chernysheva Zhur mikrobiol epid i immun 32 no 1;60-64 Ja '61

Tularemia in white mice infected by a vaccinal strain [with summary in English] O S Emel'ianova Zhur mikrobiol epid i immun 31 no. 8,111- 117 Ag '60.

TUMORS

Agar-gel electrophoretic study of soluble cytoplasmic and nuclear proteins of the liver and transplanted hepatoma of rats [with summary in English] T K Nikolov, A A. Khadzhiolov Biokhimiia 26 no 3 523-529 My-Je '61

Biochemistry of the growth and development of malignant tumors I B Zbarskii. Zhur. VKHO 6 no 3 338-342 '61.

Changes in the lipoproteins of tumors due to the effect of gamma rays [with summary in English]. A M D'iakova Ukr. biokhim. zhur 33 no. 3 352-362 '61

Evaluation of certain hemodynamic changes under the influence of various forms of anesthesia in anoncological surgery [with summary in English]. M S Chernin, Sov. med. 25 no. 4 93-98 Ap '61.

Giant hanging fibromyoma growing out of the left inguinal canal. K. Khummedov Zdrav Turk 5 no. 1 35 Ja-F '61

Inclusion of phenylalanine-C^{14} into proteins of transplanted animal tumors [with summary in English]. Pan'Tsi-tsao [P'an Ch'i-ts'ao]. Vop. med. khim. 7 no. 2;149-154 Mr-Ap '61.

Isolation of a viral agent (polyoma virus) from the tissue of hybrid mice (C57 X C3Hf) F, [with summary in English]. Z. I. Merekalova. Vop. virus. 6 no 2 219-232 Mr-Ap '61.

Phagocytic activity of leukocytes during the process of carcinogenesis under the influence of cellophane and 9, 10-dimethyl- 1, 2-benzathracene in white rats A kh. Kogan, Sh. I Mardakhashvili. Arkh. pat. 23 no. 4: 43-49 '61

Possibility of detecting granulomas in the palatal tonsils [with summary in English]. G. N. Popova. Zhur. ush., nos. i gorl. bol. 21 no. 2;8-12 Mr-Ap '61.

TUNG-PEI—STONE AGE

Neolith of Tung-pei and its connection with the Stone Age cultures of northeastern Asia V E Larichev Arkheol. sbor. 1;33-62 '59

TUNGSTEN

Diffusion of tungsten in a cobalt alloy. I. I. Kovenskii Fiz tver. tela 3 no. 2; 350-353 F '61.

TUNGSTEN—ANALYSIS

Determining small contents of tungsten in titanium metal by colorimetry. A. M. Dymov, L. Z. Kozel' Izv. vys ucheb zav , chern met 4 no. 5;192-197 '61.

TUNGSTEN CARBIDE

Adsorption, migration and evaporation of barium on tungsten carbide. IU. V. Zubenko. Fiz. tver tela 3 no. 2;528-534 F '61.

TUNGSTEN-COBALT ALLOYS see Cobalt-tungsten alloys

TUNGSTEN ORES

Main features of the geological texture of the Antonovogorsk tungsten deposit in eastern Transbaikalia. A. V. Druzhinin, K. M. Mel'nikova. Izv. vys. ucheb. zav.; tsvet. met. 4 no. 2;11-18 '61.

TUNGSTEN-PLATINUM ALLOYS—CORROSION

Oxidizability of strain-hardened and recrystallized tungsten-platinum alloys. R F. Voitovich. Metalloved. i term. obr. met. no. 7;47-48 Jl '61.

TUNGUSES

Levin, M. G. [On the problem of Tungus' ethnogeny] K probleme etnogenoza tungusov. Moskva, Izd-vo vostochnol lit-ry, 1960. 9 p.

TUNGUSKA, NIZHNYAYA see Lower Tunguska Valley

TUNGUSKA, PODKAMENNAYA see Podkamennaya Tunguska

TUNGUSKA BASIN—COAL GEOLOGY

Study of coal metamorphism in the part of the Tunguska Basin near the Yenisey River IU. IA Livshits Inform biul NIIGA no 16 40-43 '60.

TUNGUY VALLEY—COAL

Chemical and technical properties of coal from the Tunguy Depression K I Davydova, I N. Nikolaev Izv Sib otd AN SSSR no 1 28-37 '61

TUNNELING

Hermetic shield tunneling in underground workings in water-bearing unstable rocks under great hydrostatic pressure V L Makovskii Shakht stroi 5 no 5 30 My '61.

TUNNELS

Burdzgla, N. L. [Static design of hydraulic engineering tunnels] Statisticheskii raschet gidrotekhnicheskikh tunnelei. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961, 194 p.

Tunnels for building dams. S N Vlasov. Transp. stroi. 11 no. 5 17-19 My '61

TURBINES

Method for measuring temperature in turbine installation elements [with summary in English]. M. O. Miniatlenko, V. I. Fedorov, N. N. Shel'menko. Dop AN URSR no. 6 759-762 '61.

Technical specifications for assembling steam turbine units, turbogenerations, and turbofans. Biul. stroi. tekh. 18 no. 4;11 Ap '61.

TURBODRILLS

Packing glands for turbodrills. V. I. Smekalin. Bezop. truda v prom. 5 no 7;30 Jl '61.

Using electrodrills and turbodrills in aeration drilling. M. A. Geiman and others. Neft. khoz. 39 no. 4;21-26 Ap '61.

Ways of increasing the efficiency of turbodrill turbines B. G Liubimov. Neft khoz. 39 no. 7;11-15 Jl '61.

TURBOGENERATORS

(see also subdivision under Kharkov, Leningrad)

Zundelevich, M. I. [Technological processes in the manufacture of large hydrogenerators] Tekhnologiia proizvodstva krupnykh gidrogeneratorov. Moskva, Gos. energ. izd-vo, 1961, 284 p.

TURBOMACHINES—IMPELLERS see Impellers

TURBULENCE

Horizontal macroturbulent exchange in the Black Sea A N Gezentsvei, Trudy Inst. okean. 52;115-132 '61

Hypothesis of the universality of ejection properties of turbulent gas jets and its applications. O. V. IAkovlevskii, Izv. AN SSSR. Otd tekh nauk. Mekh. i mashinostr. no. 3,49-54 My-Je '61

Investigating the turbulence of the surface layer of water in the Antarctic sector of the Indian and Pacific Oceans. N. A Panteleev Trudy Okean. kom. 10 no. 1;137-140 '60

Mixing of turbulent jets of different density. G. N. Abramovich, Izv AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no 3;55-57 My-Je '61.

Small-scale turbulence in the surface layer of the sea rough with fully developed wind waves. S. A. Kitaigorodskii. Trudy Inst. okean. 52,87-96 '61.

Theory of turbulence and turbulence in the sea. R. V. Ozmidov Trudy Inst. okean 52;97-114 '61

Theory of turbulent mixing in the sea with reference to depth calculations for the upper isothermal layer. S A Kitaigorodskii. Trudy Inst. okean. 52;3-86 '61

Turbulent exchange in the surface water layer beneath the ice covering a body of water. A. A. Speranskaia. Trudy Okean. kom 10 no 1;147-151 '60.

TURGAY PLATEAU—SOIL ABSORPTION

Interrelations between the absorptive power, silt friction and humus content of the soils of the Turgay Plateau. M. N. Pershina, M. E. IAkovleva Dokl TSKhA no 63 149-157 '61.

TURIN—EXHIBITIONS

"The working man." A. S. Dobrolubskii. Mashinostroitel' no. 6;38-41 Je '61.

TURKESTAN—REVOLUTION, 1917-1921—FOREIGN PARTICIPATION

The foreign Communists in Turkestan. A. M. Matveev. Vop. ist KPSS 5 no. 3;114-126 '61

TURKEY—PEASANTRY

"Poverty, lack of rights, ignorance." Az. i Afr. seg. no. 5;50 My '61.

TURKEY—POLITICS AND GOVERNMENT

Turkey on the threshold of a second republic. V. Vershinin. Nov. vrem. 19 no. 26;19-21 Je '61.

TURKEY—RELATIONS (GENERAL) WITH RUSSIA

Letter to the editor. B. Potskhverila Az. i Afr. seg. no. 3;49-51 Mr '61.

TURKEY—TRIALS (POLITICAL CRIMES AND OFFENSES)

Trial on Yassiada. L. Suetina. Az. i Afr. seg no 5, 53-51 My '61

TURKEYS—FEEDING AND FEEDS

Mixed feeds for intensive turkey growing. I P Ber.'', Visnyk sil'hosp. nauky 4 no 7 106-109 Jl '61.

TURKIC LANGUAGES

Muratov, S. N. [Set expressions in Turkic languages] Ustoichivye slovosochetaniia v tiurkskikh iazykakh. Moskva, Izd-vo vostochnoi lit-ry, 1961, 127 p.

TURKIC LANGUAGES—DIALECTS

Akademiia nauk Azerbaidzhanskoi SSR, Baku. Institut literatury i iazyka. [Problems of the dialectology of the Turkic languages] Voprosy dialektologii tiurkskikh iazykov. Baku.

Vol. 2. 1960. 233 p.

TURKIC LANGUAGES—NOUN

Morphological characteristics of noun stems in the language of the Tonyukuk monument. G Aidarov Izv AN Kazakh. SSR. Ser. filol. i lak. no. 3 35-41 '60

TURKISH PERIODICALS

Progressive tendencies in the journal "Turk Yurdu." E. IU. Gasanova. Izv. AN Azerb. SSR. Ser. obshchestv. nauk no. 3 149-161 '61.

TURKMENISTAN—ANTIQUITIES

Excavation of the prehistoric site near Oyukly G. A. Markov Vest. Mosk. un. Ser. 9- Ist. 16 no. 3 67-82 My-Je '61.

TURKMENISTAN—ARCHAEOLOGY

Preservation of Turkmenistan monuments V I Sarianidi Sov arkheol. 5 no 2-322-324 '61

TURKMENISTAN—GEOLOGY

Geologic history of western Turkmenia in the Akchagyl time S. N Kolladnyi Trudy VNIGRI no 163 [V. 4] '60

TURKMENISTAN—PALEOBOTANY

Finds of new-Caspian flora in western Turkmenistan and its paleogeographical significance S K. Sanbiosov Biul MOIP Otd geol. 34 no. 5 154-155 S-O '59

TURKMENISTAN—PETROLEUM GEOLOGY

Analogues of the Kala series in Turkmenia. S. N. Kolodnyi. Trudy VNIGRI no. 163;466-472 '60.

Some oil distribution characteristics of the Kotur-Tepe field. O A. Odekov. Uch. zap. AGU. Geol.-geog ser no. 3 37-42 '60.

TURNING

Errors in machining on multicut lathes depending on the rigidity of the system. P. G Pavliuk Vest mash 41 no. 6;56-60 Je '61.

TUROCHAK DISTRICT—TICKS

Materials on the infestation of birds by ticks in mountain forest landscapes of the northeastern Altai IU V Drozdova, E. Z. Taskaeva, B. P. Dobrokhotov Parazitologiia no. 3 190-199 '60.

TURZHANSKII, LEONARD VIKTOROVICH, 1875-1945

Globacheva, S. I. Leonard Viktorovich Turzhanskii. Leningrad, Khudozhnik RSFSR, 1960. 93 p.

TUVA AUTONOMOUS PROVINCE—BUMBLEBEES

Species and geographical distribution of Bombinata in Tuva D V Panfilov, O L. Rossolimo, E. K. Syrovatkovskii. Izv. Sib. otd AN SSSR no. 6;108-113 '59.

TUVA AUTONOMOUS PROVINCE—FAULTS (GEOLOGY)

Relationship between faults of different directions in northeastern Tuva IU. V. Chudinov. Biul. MOIP. Otd. geol. 34 no. 5;152-153 S-O '59.

TUVA AUTONOMOUS PROVINCE—GEOLOGY, STRUCTURAL

Recent tectonic movements in the Ulug-O Basin and Taskyl Range of northeastern Tuva [with summary in English]. IU. V. Chudinov. Biul. MOIP. Otd. geol. 34 no. 5;55-71 S-O '59.

TUVA AUTONOMOUS PROVINCE—ROCKS, SEDIMENTARY

Selenium content of sedimentary rocks in Tuva [with summary in English]. E. Z. Burtianova. Geokhimiia no. 7;623-629 '61.

TUYMAZY REGION—PETROLEUM—ANALYSIS

Nitrogen organic compounds in the Devonian oil of the Tuymazy field A. K Efimova, A. M. Shatunova, M B Volf. Khim. sera i azotorg. soed. v nefti i nefteprod 3;198-205 '60.

TVARDOVSKII, ALEKSANDR TRIFONOVICH, 1910-
For the sake of life on earth (conclusion). S. Marshak. Znamia 31 no.6:184-200 Je '61.

2,4-D
Effect of simazine and 2, 4-D on nitrogen metabolism in plants. F. K. Vorob'ev, Ch Zhu-bi (Ch'u Ju-pi) Doklady TSKhA no 57 63-69 '60
Effect of 2, 4-D on weeds in the monoculture of oats on turf-Podzolic soils of various fertility. A N. Kiselev, Li P'u Dokl TSKhA no 61 133-140 '61
Effect of 2,4-dinitrophenol and monoiodoacetic acid on the functional state of the spinal cord [with summary in English]. O. H. Polit'ko. Dop. AN URSR no. 4. 526-530 '61.
Using 2, 4-D for killing weeds on meadows. A. A. Fomina. Zashch. rast. ot vred. i bol. 5 no. 1 25-26 Ja '60.

2,4-D—TOXICOLOGY
How nutritive conditions affect the sensitivity of corn to 2, 4-D. V B. Bagaev. Dokl TSKhA no. 64 101-107 '61

TYARLEVO—PUBLIC BUILDINGS
Village club and movie theatre. Stroi. i arkhit. Len. 23 no. 6:39 Je '61.

TYLOPODA
Position of Tylopods in the system of mammals IA. I. Khaveson. Paleont zhur no. 2 131-133 '61

TYMPANIC MEMBRANE—SURGERY
Late complication in tympanoplasty. I. M. Maerovich. Zhur. ush., nos. i gorl. bol. 20 no. 5:68-69 S-O '60.
New modification in tympanoplasty [with summary in English]. K. L. Khilov. Zhur. ush., nos. i gorl. bol. 20 no. 5:8-11 S-O '60.

TYMPANIC MEMBRANE—WOUNDS AND INJURIES
Case of rupture of the tympanic membrane. A. G. Lomtia Zhur ush., nos i gorl. bol 21 no 1, 78 Ja-F '61

TYNIANOV, IURII NIKOLAEVICH, 1894-1943
Belinkov, A. V. IUrii Tynianov. Moskva, Sovetskii pisatel', 1960. 434 p.
A contemporary book on the historical novel ("IUrii Tynianov" by A. Belinkov Reviewed by L. Levitskii) Novyi mir 37 no. 7:263-266 Jl '61.

TYPESETTING
Making ready and conditions which exclude it. K. I. Finakin. Poligr. proizv. no. 5:12-15 My '61.
Organization of the working areas in the typesetting shop. N. V Bibikov. Poligr. proizv. no. 5:20-22 My '61.

TYPESETTING MACHINES
Study of the characteristics of the packing under impact M. M. Nurkns Poligr. proizv. no. 5:15-16 My '61.

TYPEWRITERS see subdivision under Moscow

TYPHOID FEVER
(see also subdivision under Krasnovodsk)
Activity of the catalase and peroxidase in typhoid fever bacteria of varying virulence D. G Kudlai, V. G. Petrovskaia, S F Gorshkova. Zhur mikrobiol epid. i immun. 32 no 5:128-129 My '61
Anthelminthic treatment of ascariasis with piperazine phosphate in Botkin's disease, typhoparatyphoid diseases, and dysentery [with summary in English]. IU. A. Shamov, Sov. med. 25 no. 5:69-73 My '61.
Appendicitis as a mask for typhoid fever and dysentery. B. IA. Padalka, G. G. Kazatskaia. Vrach. delo no. 4: 106-109 Ap '61.
Clinical characteristics of typhoid fever of water origin. D. N. Zupnik, P. P. Mel'nikov, G. A. Vul'fson. Vrach. delo no. 4:109-111 Ap '61.
Data on the epidemiological effectiveness of divaccine and polyvaccine from the Gamaleia Institute of Epidemiology and Microbiology and of NIISI polyvaccine in relation to typhoid and paratyphoid B fevers [with summary in English]. K. I. Liuksemburg. Zhur. mikrobiol. epid i immun 32 no. 5 111-115 My '61
Immunological indexes in subjects inoculated against typhoid and paratyphoid B fevers with a chemical adsorbed divaccine of the Gamaleia Institute of Epidemiology and Microbiology of the Academy of Medical Sciences of the U. S. S. R. [with summary in English]. K. I. Liuksemburg. Zhur. mikrobiol. epid. i immun. 31 no. 12:85-88 D '60.
Intensity of synthesis of proteins of the body during the induction phase of the formation of typhoid agglutinins [with summary in English]. I. IA. Uchitel', E. L. Khasman, A. S. Konikova. Zhur. mikrobiol epid. i immun. 32 no. 1:17-22 Ja '61.
Intermittent-cyclical use of synthomycin in typhoid fever. I. G. Kubasov. Vrach. delo no. 4:104-106 Ap '61.
Rare cases of typhoid fever complications and their epidemiological significance. N. IA. Sofienko, L. A. Siarkevich. Vrach. delo no. 4:136-137 Ap '61.
Reactivity of a new divaccine (against typhoid fever and paratyphoid B) of the Gamaleia Institute of Epidemiology and Microbiology at the Academy of Medical Sciences of the U. S. S. R. [with summary in English]. K. I. Liuksemburg. Zhur mikrobiol. epid. i immun. 32 no. 4:108-112 Ap '61.
Some considerations on a method for preventive vaccination against typhoid fever [with summary in English]. E N Melikova. Zhur mikrobiol. epid i immun 32 no 2:91-95 F '61
Use of phage titer increase methods in the qualitative control of disinfection in foci of intestinal infections (typhoid fever, dysentery) [with summary in English] O A Kozel'ko. Zhur mikrobiol epid i immun 32 no 2,36-39 F '61.
Use of Vi-diagnostic reaction for the detection of typhoid fever carriers. A. IA. Ukhov. Vrach. delo no. 4 141-142 Ap '61.
Vi-agglutination reaction in the diagnosis of typhoid carrying [with summary in English] A IA Ukhov Zhur mikrobiol. epid i immun 32 no. 2,54-57 F '61.

TYPHUS FEVER
Electrophoretic analyses of blood protein fractions in typhus fever IU. A. Krichevskii. Lab. delo 7 no 7 19-20 Jl '61.
Possibility of prolonged carrying of Rickettsia prowazeki Report No 4 Influence of an avitaminotic diet on the possibility of isolating Rickettsia prowazeki from animals following an attack of experimental typhus fever T V Bocharova Zhur mikrobiol. epid. i immun 32 no 5 96-97 My '61

TYPOLOGY (PSYCHOLOGY)
Determination of personal tempo and rhythm in daily life [with summary in English]. S N. Beliaeva-Ekzemplliarskaia Vop. psikhol. 7 no 2 61-74 Mr-Ap '61.
Manifestation of individual peculiarities in man by the speed of his movements [with summary in English] E. Geron Vop. psikhol 7 no. 2 51-60 Mr-Ap '61

TYUMEN' PROVINCE—SOCIALIST COMPETITION
To reach a decision is not all yet N Nikolaichik Sov profsoiuzy 17 no 12 15-16 Je '61

TYUMEN' PROVINCE—TEACHERS, TRAINING OF
Studying progressive experience. R, Shevchenko. Nar. obr no. 6:38-39 Je '61.

TYUMEN' PROVINCE—TRADE UNIONS
To reach a decision is not all yet. N. Nikolaichik. Sov profsoiuzy 17 no. 12 15-16 Je '61

UDAY RIVER—ISLANDS
Floating island. I Alekseenko. Vokrug sveta no 7:35 Jl '61.

UDDER—INNERVATION
Effect of mammary denervation on the amino acid composition of goat milk casein A. G. Tsranenko Fiziol zhur. 47 no 4:454-458 Ap '61.

UFA—CHEMICAL PLANTS
For agricultural needs. I. Kuznetsov, Na stroi. Ros. no. 4:9-11 Ap '61.

UFA—CONSTRUCTION INDUSTRY
Ufa. M. Bukhanov. Na stroi. Ros. no. 1:37 Ja '61.

UGLEGORSK—CREDIT
Issuing credit for finished production. V. Stamm. Den. i kred 19 no. 6:52-53 Je '61.

UIGUR LANGUAGE—PRONUNCIATION
Pronunciation in the Uigur language [in Kazakh with summary in Russian] T. Talipov. Izv. AN Kazakh. SSR. Ser. filol. i isk. no. 3:59-69 '60.

UIGUR LANGUAGE—RIME
Phonetic classification of Uigur rimes M. Khamraev. Vest. AN Kazakh SSR 17 no. 5:91-98 My '61.

UKRAINE—ADHESIVES
Bitumen is replaced by mastic. Sil'. bud. 11 no. 4:23 Ap '61.

UKRAINE—AGRICULTURAL RESEARCH
In the Presidium of the Ukrainian Academy of Agricultural Sciences. Visnyk sil'hosp. nauky 4 no 5:122-124 My '61.

UKRAINE—AGRICULTURE
Increased activity. Komsom. zhizn' no. 2:2-5 Ja '60.
The rapid development of the Ukrainian national economy ("The national economy of the Ukrainian S. S. R. in 1959, a statistical yearbook." Reviewed by IE. Dolhopolov). Ekon. Rad. Ukr. no. 3:113-115 My-Je '61.

UKRAINE—AGRICULTURE—PRODUCTION STANDARDS
Ways to improve the establishment of work norms and increase daily output on collective farms. A. Sitalo. Sots. trud 6 no. 5:94-99 My '61.

UKRAINE—AIRPLANES—MODELS
Victory of the Kharkovians. V. Evseev. Kryl. rod. 12 no. 6:5 Je '61.

UKRAINE—ARCHITECTURE
Aesthetic expression in precast housing construction. E. Sviatchenko. Stroi. i arkhit. 9 no. 4:3-6 Ap '61.
Creative practice among Ukranian architects. N. Kolomiets. Stroi. i arkhit. 9 no. 5:1-5 My '61.

UKRAINE—ARCHITECTURE—COMPETITIONS
Competition for the best planning and building. Stroi. i arkhit. 9 no. 5:38 My '61.

UKRAINE—ARCHITECTURE—DESIGNS AND PLANS
Faults in the examination of plans. Stroi. i arkhit. 9 no. 5 39-40 My '61.

UKRAINE—BIOLOGY—PHILOSOPHY
Results of a congress on philosophical problems in biology and objectives in further treatment of philosophical problems in biology in the Ukraine. Dop AN URSR no. 6:675 '61.

UKRAINE—BOULDERS
Origin of the exotic boulders in the Pontian sediments in the southern Ukraine L. S Belokrys, V F Petrun' Izv vys. ucheb. zav., geol i razv 4 no 3 126-128 Mr '61

UKRAINE—BRICK INDUSTRY
New plans for clay brick factories. G. Marchenko Sil' bud 11 no 1 17-19 Ap '61

UKRAINE—BRUCELLOSIS
Some results in the control of brucellosis and prospects for its elimination in the Ukrainian S S R A S Korotich and others Zhur mikrobiol. epid. i immun. 31 no 12 104-107 D '60

UKRAINE—BUILDING MATERIALS
Curved shapes should be introduced into construction. Stroi. i arkhit. 9 no. 5:40 My '61.
Exterior finish of walls made of local materials. A. Lobkov. Sil'. bud. 11 no. 5 17 My '61

UKRAINE—CALLISTHENICS
Experience in introducing callisthenics in Ukrainian industry. M. V. Khazanovich. Teor. i prak fiz. kul'. 23 no. 10:767-768 '60.

UKRAINE—CHERNOZEM SOILS
Phosphorus and its transformation in Chernozems of the Ukrainian S. S. R M Tulinhanov Visnyk sil'hosp nauky 4 no. 7 95-97 Jl '61

UKRAINE—CHILDREN—CARE AND HYGIENE
Our tasks for 1961. R. V. Medlanyk. Ped., akush. i gin 23 no. 1 3-7 '61.

UKRAINE—CITY PLANNING
Building in southern cities of the Ukraine. A. Ivanova. Stroi. i arkhit. 9 no. 4, 12-14 Ap '61.
Integrated series of model plans for collective farms and state farms V Katsin, Z Chechik Zhil. stroi. no. 5:17-19 My '61.

UKRAINE—CLAY
Study of Ukrainian clays and kaolins as potential raw material for the production of high-density refractories [with summary in English]. N. F. Kozyns'kyi Dop. AN URSR no. 6 776-778 '61

UKRAINE—CLEARING OF LAND
Mechanized stump removal and soil preparation in felling areas of the Ukrainian steppe zone. A. N. Nedashkovskii, L. E. Dolgoruchenko. Biul. nauch. -tekh. inform. Ukr. NIILKhA no. 3/4:51-56 '57.

UKRAINE—COAL MINES AND MINING—SAFETY MEASURES
In the State Mine Inspection of the Ukrainian S. S. R Bezop. truda v prom 5 no. 7-7, 30 Jl '61.

UKRAINE—COMMUNIST YOUTH LEAGUE
Increased activity. Komsom. zhizn' no. 2:2-5 Ja '60.
Let's improve the studying of the history of the Communist Youth League. V. Panibud'laska. Komm. Ukr. 36 no. 7:89-92 Jl '61.
Role of the Communist Youth League in the work of the Union of Athletic Societies and Organizations of the Ukraine I. A Mozgovoi. Teor. i prak. fiz. kul' 23 no 12 885-891 '60

UKRAINE—CONJUNCTIVITIS, GRANULAR
In the Ministry of Public Health of the Ukrainian S. S. R. V. G. Larionov. Vrach. delo no. 4:154-155 Ap '61.

UKRAINE—CONSTITUTION
Ukraine. Constitution. [Constitution (fundamental law) of the Ukrainian Soviet Socialist Republic; with amendments adopted at the fourth session of the Fifth Supreme Soviet of the Ukrainian S. S. R.] Konstitutsiia (osnovnoi zakon) Ukrainskoi Sovetskoi Sotsialisticheskoi Respubliki; s izmenentiami i dopolneniiami, priniatymi na IV sessii Verkhovnogo Soveta Ukrainskoi SSR platogo sozyva. Kiev, Izd. Verkhovnogo Soveta Ukrainskoi SSR, 1961. 29 p.

UKRAINE—CONSTRUCTION INDUSTRY
Development of assembly-line construction. Stroi. i arkhit. 9 no. 5:38-39 My '61.
Direct all forces to fulfilling the decisions of the January Plenum of the CPSU. Sil'. bud. 11 no 4-1-2 Ap '61.
Let's insure building with local materials on the collective farms. Sil'. bud. 11 no. 5:1-2 My '61.
Let's introduce new economical materials and elements. L. Dudik. Sil'. bud. 11 no. 4:8-10 Ap '61.

UKRAINE – CONSTRUCTION INDUSTRY (Continued)

Let's undertake increased obligations. Sil' bud 11 no 1 3 Ap '61.

Let's work the communist way. A. Sikors'kii. Sil' bud. 11 no 5:3-4 My '61

On collective and state farms of the Ukraine Sil' bud 11 no 4 16 Ap '61

Urgent problems. M Kolotin Sil' bud. 11 no 4:6-8 Ap '61

UKRAINE—CORN (MAIZE)

Agrometeorological conditions of the planting time of corn in the Ukraine A M Kekukh, G L Timoshenko Trudy UKrNIGMI no 22 32-38 '61

Problems pertaining to the development of corn growing O. S Musiiko Visnyk sil'hosp nauky 4 no 5 31-37 My '61

UKRAINE—CORN (MAIZE)—VARIETIES

Characteristics of different corn varieties with reference to their temperature requirements A. M. Kekukh, M. N. Kopachevskaia Trudy UKrNIGMI no 22 39-54 '61

UKRAINE—CRIMINAL LAW

Ukraine, Laws, statutes, etc. [The criminal code of the Ukrainian S. S. R.] Kryminal'nyi kodeks Ukrains'koi RSR. Kyiv, Derzh. vyd-vo polit. lit-ry, URSR, 1961. 131 p.

UKRAINE—CULTURE

As if there were spring floods V. Danilelko Sov. Ukr 10 no 2 187-188 F '60.

On national characteristics in art F Lesovoi Sov. Ukr. 10 no 2 177-181 F '60.

[Soviet Ukrainian culture; a collection of articles] Ukrainskaia Sovetskaia kul'tura; sbornik statei. Kiev, Gos. izd-vo polit. lit-ry USSR, 1961. 278 p.

UKRAINE—DAIRY BARNS

Four-row cow barn employing new means of mechanization V. Glushchenko. Sil'. bud. 11 no. 5:13-15 My '61

UKRAINE—DAIRY CATTLE

Quality of milk from various cattle breeds of the Ukrainian S S R O IU. IAtsenko, IE I Hertsen, L P P'ianovs'ka Visnyk sil'hosp. nauky 4 no 5 69-74 My '61

UKRAINE—DENTAL PROSTHESIS

Need for dental prostheses. N. V. Maslenkova. Vrach. delo no. 4. 121-123 Ap '61.

UKRAINE—DRUGSTORES

Results of socialist competition. Kh M. Radovil's'kyi. Farmatsev zhur. 16 no 3:65-66 '61.

Results of the work of the drugstore network of the Ukrainian S S. R for 1960. Farmatsev. zhur. 16 no 3 3-9 '61

UKRAINE—DUST STORMS

Dust storms in the southern Ukraine in the spring of 1960. V. A. Kulikov. Pochvovedenie no. 6:10-18 Je '61.

UKRAINE—ECONOMIC CONDITIONS

History of the building of socialism ("The Ukrainian S. S. R. during the reconstruction of its national economy, from 1921 to 1925" by P. I. Bakumenko. Reviewed by F. Ostapenko, F. Stolan). Komin. Ukr. 36 no. 7:93 Jl '61.

UKRAINE—EDUCATION—CONGRESSES

S"ezd uchitelei Ukrainskoi SSR, 1959. [Materials of the Congress of teachers of the Ukrainian S. S. R.] Materialy. Kiev, Gos. uchebno-pedagog. izd-vo "Radians'ka shkola," 1960. 318 p.

UKRAINE—EDUCATION, COOPERATIVE

School and industry I. Cherkashyn. Ekon. Rad. Ukr.

UKRAINE—FORESTS AND FORESTRY

Present state of collective farm forests in the Ukraine and ways for improving their management. M V. Turkevych, S A Kensiruk Visnyk sil'hosp nauky 4 no 7 57-61 Jl '61

Resolutions of the technical conference on the results of the expedition for the purpose of investigating the withering of forest plantations in the Ukrainian steppes. Biul. nauch.-tekh. inform. Ukr. NIILKhA no. 3/4:3-7 '57.

UKRAINE—FROST

Winterkilling of young tree and shrub seedlings in nurseries. V. A. Cherstvin. Biul. nauch.-tekh. inform. Ukr. NIILKhA no. 3/4:34-37 '57.

UKRAINE—FURNITURE

New furniture in the Ukraine. N. Manucharova. Zhil. stroi no. 5 20-22 My '61

UKRAINE—GAS, NATURAL—GEOLOGY

Development of views on the geology of gas fields in western regions of the Ukrainian S. S. R. M. R Ladyzhens'kyi Pratsi inst geol kor kop. AN URSR 1 101-107 '59.

UKRAINE—GEOLOGY

Development of the geological sciences in institutions of the Ukrainian Academy of Sciences Dop. AN URSR no. 6:826 '61.

UKRAINE—HISTORY

Distortion of history disguised as an impartial study ("The propaganda war in the Ukraine, 1708-1709" [in Swedish] by Bohdan von Kentrschynskyj Reviewed by V E Shutoi) Vop. ist no. 6:201-208 Je '61

Los', F., E., ed. [Readings in the history of the Ukrainian S. S. R., a textbook for teachers] Khrestomatiia z istorii Ukrains'koi RSR; posibnyk dlia vchiteliv. Uporiadkuvaly IA. Dashkevych i dr. Kyiv, Derzh. uchebovo-pedagog. vyd-vo "Radians'ka shkola."
Vol. 2. 1861-1917. 1961. 641 p.

A vital theme ("Condition and the struggle of the workers of Galicia, Bukovina, and Transcarpathia at the beginning of the 20th century, 1900-1918" by I I Kompaniets', "Prewar socialist reforms in the western provinces of the Ukraine" by V L Varets'kyi Reviewed by V Chuntulov). Sov Ukr 11 no 8 164-165 Je '61

UKRAINE—INDUSTRIES

The rapid development of the Ukrainian national economy ("The national economy of the Ukrainian S. S. R. in 1959 a statistical yearbook." Reviewed by IE. Dolhopolov). Ekon. Rad. Ukr. no 3. 113-115 My-Je '61.

UKRAINE—INSTRUMENT INDUSTRY

Poliakov, D. I. [Development of machinery and instrument manufacture in the Ukraine during the seven-year plan] Razvitie mashinostroenila i priborostroenie na Ukraine v semiletke. Kiev, 1961, 37 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Ukrainskoi SSR. Ser. 7, no. 1)

UKRAINE—KILNS

How we mechanized the loading and unloading of brick in a kiln. S Dvorzhak Sil' bud. 11 no. 4:20 Ap '61.

UKRAINE—MACHINERY INDUSTRY

Poliakov, D. I. [Development of machinery and instrument manufacture in the Ukraine during the seven-year plan] Razvitie mashinostroenila i priborostroenila na Ukraine v semiletke. Kiev, 1961. 37 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Ukrainskoi SSR. Ser. 7, no. 1)

UKRAINE—MEDICINE

Brief news. Zhur. ush., nos. i gorl. bol. 21 no. 2:96 Mr-Ap '61.

Vrach. delo no. 4:155-157 Ap '61.

an Conference on the History of Medicine, ko. Sov. zdrav. 19 no. 3:89 '60

for increasing the productivity of he forest-steppe. A. O. Krasniuk, nuky 4 no 6, 76-83 Je '61.

ERTILIZERS AND MANURES

iological aspects of potassium nuts grown for bulbs. A. IA. Kal'tia. ch, no. 6:219-227 '61.

ION (ARCHITECTURE)

nents in the southern Ukraine, stroi. no. 5:9-11 My '61.

GOLOGICAL SOCIETIES

f the Dnepropetrovsk Province inian Otolaryngological Society for ios. i gorl. bol. 21 no. 3:89-91

f the extended Plenum of the Board olaryngological Society Jointly with nference (Stalino and Luganek ukovich. Zhur. ush., nos. i gorl. i S-O '60.

UKRAINE—PEAT SOILS

Biochemical characteristics of vegetable crops and potatoes grown on flood lands. P. A. Vlasiuk. Biokhim. pl. i ovoshch no. 6:100-121 '61.

UKRAINE—PETROLOGY

Progress in petrographic studies of western regions of the Ukraine during the Soviet regime L. H. Tkachuk and others Pratsi Inst. geol kor. kop. AN URSR 1:102-117 '59

UKRAINE—PHARMACY

Brief news and information Farmatsev zhur. 16 no 1 91-95 '61.

UKRAINE—PHARMACY—STUDY AND TEACHING

History of the development of pharmaceutical education in the Ukraine Part 1 The prerevolutionary period L. Kh. Dukhin. Farmatsev. zhur 16 no. 3 53-56 '61

UKRAINE—PHYSICAL THERAPY

In the Ministry of Public Health of the Ukrainian S. S. R. V. G. Larionov. Vrach. delo no. 4:154-155 Ap '61.

UKRAINE—PHYSICS—RESEARCH

Confirmation of the research topic plan and the plan for introduction of achievements of the Division of Physical and Mathematical Sciences of the Ukrainian Academy of Sciences for 1961. Dop. AN URSR no. 4:538-539 '61.

Status and prospects of the Ukrainian Institute of Physics Dop. AN URSR no. 4:540-541 '61.

UKRAINE—POSTAL SERVICE

Mechanization of the Ukrainian postal enterprises G F Sinchenko Vest. sviazi 21 no. 4 24-26 Ap '61.

UKRAINE—POULTRY HOUSES AND EQUIPMENT

Wide poultry house for laying hens and for fattening chicks. O. Gandel'man. Sil'. bud. 11 no. 5:6-9 My '61.

UKRAINE—PRECAST CONCRETE CONSTRUCTION

Plans for large-panel apartment houses. D. Kuznetsov, M. Darskii. Stroi. i arkhit. 9 no. 5:14-17 My '61.

Urgent tasks in large-panel housing construction in the Ukraine. N. Vasiukov Zhil. stroi. no. 5:2-5 My '61

UKRAINE—PRESS

Under public control. Sov. pech. no. 7:6-7 Jl '61.

UKRAINE—PRESTRESSED CONCRETE

Manufacture of prestressed concrete elements. I. Maiboroda. Sil'. bud. 11 no. 5:18-20 My '61.

UKRAINE—PROSPECTING—GEOPHYSICAL METHODS

Progress in geophysical studies of western regions of the Ukrainian S. S. R. during the Soviet regime. S I Subbotin and others. Pratsi Inst. geol. kor. kop. AN URSR 1:118-149 '59.

UKRAINE—PUBLIC BUILDINGS

Commercial and municipal services buildings in a village. A. Gaiduchenia, T. Samsonova. Stroi. i arkhit. 9 no. 5:7-10 My '61.

Make a composite plan of the public buildings for a village. A. Marinchenko. Stroi. i arkhit. 9 no. 5: 10-13 My '61.

UKRAINE—PUBLISHERS AND PUBLISHING

Report on the work of the editorial and publishing council and the publishing house of the Ukrainian Academy of Sciences in 1960. Dop. AN URSR no. 6:626-627 '61.

UKRAINE—RADIANT HEATING

Glass concrete heating panels. Stroi. i arkhit. 9 no. 5: 39 My '61.

UKRAINE—RAW MATERIALS

Some problems concerning the utilization of the nonedible plants of the Ukrainian S. S. R. M. Dudkin. Ekon. Rad. Ukr. no. 3. 29-35 My-Je '61.

UKRAINE—REGIONAL PLANNING

Regional planning in rural administrative districts. G. Deleur. Stroi. i arkhit. 9 no. 5:6-7 My '61.

UKRAINE—REINFORCED CONCRETE

We are introducing mesh-reinforced concrete into rural construction. I. Domashenko, P. Liutii. Sil'. bud. 11 no. 5:1-6 My '61.

UKRAINE—RESEARCH

Confirmation of the research topic plan and the plan for introduction of achievements of the Division of Technical Sciences of the Ukrainian Academy of Sciences for 1961. Dop. AN URSR no. 4:539-540 '61.

Principal results of research activities of the Kazakh Academy of Sciences in 1960 and its next objectives. Sh. Ch. Chokin. Vest. AN Kazakh. SSR 17 no. 6 38-53 Je '61.

UKRAINE—RETAIL TRADE

More attention to supplying commercial organizations with materials and equipment. M. Saltykov. Ekon. Rad. Ukr. no. 3:36-39 My-Je '61.

UKRAINE—REVOLUTION, 1917-1921

The committees of poor peasants in the Ukraine. A. A Nedukh. Vop. ist. KPSS 5 no. 3:150-156 '61.

UKRAINE—ROCKS, IGNEOUS

Germanium in granitoids of the Ukrainian crystalline shield [with summary in English]. E. S Burkser, B. F. Mitskevich, K. I. Lazebnik. Geokhimiia no. 6:515-520 '61.

UKRAINE—ROOFING

Corrugated roofing sheets made on the SKVL-2 machine tool. G. Basovich. Sil'. bud. 11 no. 4 21 Ap '61

UKRAINE—ROOFING, CONCRETE

Corrugated roofing slabs for reinforced concrete arched buildings. V. Moskul Sil' bud 11 no 4-22 Ap '61

UKRAINE—RURAL ELECTRIFICATION

Methods of determining power indices for the electrification of collective and state farms of the Ukrainian S S R I I Martynenko, L I Doroah Visnyk sil'hosp nauky 4 no 7,11-18 Jl '61

UKRAINE—SOIL CONSERVATION

Erosion control measures in the Ukraine. O. S. Skorodumov Visnyk sil'hosp. nauky 4 no. 5.24-30 My '61.

UKRAINE—SOIL MOISTURE

Soil moisture along the irrigation canals of the southern Ukraine. P. F. Konoz. Biul. nauch.-tekh. inform. Ukr. NIILKhA no. 3/4:46-50 '57.

UKRAINE—SPORTS

Role of the Communist Youth League in the work of the Union of Athletic Societies and organization of the Ukraine. I. A. Mozgovoi Teor. i prak. fiz. kul' 23 no. 12 885-891 '60

UKRAINE—SUGAR BEETS—HARVESTING

Method of forecasting the harvesting time for sugar beets. N I Mikhailova, M. S Galinskaia. Trudy UKrNIGMI no 22 55-66 '61.

UKRAINE—THEATERS—STAGE SETTING AND SCENERY

Drak, A. M. [Theatrical decoration in the Ukraine; a brief sketch] Ukrains'ke teatral'no-dekoratsiine mystetstvo, korotkyi narys. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1961. 63 p. illus.

UKRAINE—THRIPS

New predatory thrips species Embothrips tubversicolor sp. nov. (Thysanoptera) [with summary in English]. M. P. Dzedzekho. Dop AN URSR no. 5,688-690 '61.

UKRAINE—TILES

Over 750 thousand cement-and-sand tiles. M. Chub. Sil'. bud. 11 no. 5:21-22 My '61.

UKRAINE—TITANIUM ORES

New titanium-bearing area in the Ukraine. S. I. Gurvich. Izv. vys. ucheb. zav., geol. i razv. 4 no 3 58-60 Mr '61.

UKRAINE—TREES

Results obtained from a 20-year investigation of tree species on dark Chestnut soils of the Ukrainian S. S. R S H. Volovodov, O. P. Dotsenko Visnyk sil'hosp. nauky 4 no. 7 102-104 Jl '61.

Ways of increasing the number of tree species for the establishment of fast growing plantations in the Ukrainian forests. P. F. Podgurskii. Biul. nauch.-tekh. inform. Ukr. NIILKhA no. 3/4:31-33 '57.

UKRAINE—VINCA

Phytochemical analysis of Vinca minor growing in the Ukraine. Report No. 3 Analysis of the alkaloid content of Vinca minor. P. M. Liapunova, IU. H. Borysiuk. Farmatsev. zhur. 16 no. 3.48-51 '61.

UKRAINE—WAGES

Economical expenditure of wage funds is an important means for reducing production costs. V. Shokun Den i kred. 10 no. 6:49-52 Je '61.

UKRAINE—WALNUT

Biochemical composition of walnut kernels in the Ukraine. L. K. Polishchuk. Biokhim. pl. i ovoshch. no. 6:197-207 '61.

UKRAINE—WATER SUPPLY, RURAL

Let's assure the state farms a reliable water supply. M. Nechaev. Sil'. bud. 11 no. 4:13-14 Ap '61.

UKRAINE—WHEAT

Characteristics of soil moisture in winter wheat fields and its role in the wintering period of 1955-1958 A. M. Kekukh. Trudy UKrNIGMI no. 22:3-18 '61.

UKRAINE—WOOD

Let's use wood from deciduous trees in construction. P. Podsechenov. Sil'. bud. 11 no. 4:11-12 Ap '16.

UKRAINE—WORLD WAR, 1939-1945—PERSONAL NARRATIVES

Battle for the Ukraine; from war memoirs (to be continued). A. I. Rodimtsev. Sov. Ukr. 11 no. 6:10-59 Je '61.

A revived legend. IU. IUrechko. Sov. Ukr. 11 no. 6:178-184 Je '61.

War memoirs ("Three wars" by I. V. Tiulenev; "At the front" by R. G Umanskii. Reviewed by I. M Pteimysler). Sov Ukr. 11 no 6.159-161 Je '61.

UKRAINE, WESTERN—ECONOMIC CONDITIONS

A vital theme ("Condition and the struggle of the workers of Galicia, Bukovina, and Transcarpathia at the beginning of the 20th century, 1900-1918" by I I. Kompaniets', "Prewar socialist reforms in the western provinces of the Ukraine" by V L Varets'kyi Reviewed by V Chuntulov). Sov Ukr 11 no 6:164-165 Je '61

UKRAINE, WESTERN—MUSIC

Zahaikevych, M. P. [Musical life of Western Ukraine during the second half of the 19th century] Muzychne zhyttia Zakhidnoi Ukrainy druhoi polovyny XIX st. Kyiv, Vyd-vo Akad. nauk URSR, 1960. 199 p.

UKRAINE, WESTERN—PEASANT UPRISINGS

Antifeudal struggle of Ukrainian peasants in eastern Galicia in the first half of the 19th century. E. M Kosachevskaia Uch. zap LGU no 270 145-181 '59

UKRAINE, WESTERN—PLANTERS (AGRICULTURAL MACHINERY)

Special aspects of operating SKGN-6A planters in the Western Ukraine. I. Chernov Tekh. v sel'khoz. 21 no. 6:58-59 Je '61

UKRAINIAN AUTHORS see Authors, Ukrainian

UKRAINIAN LANGUAGE—SYNTAX

Bezpal'ko, O. P. [Sketches of the historical syntax of the Ukrainian language] Narysy z istorychnoho syntaksysu ukrains'koi movy; posibnyk dlia fakul'tetiv movy i literatury pedagogichnykh instytutiv. Kyiv, Derzh. uchbovo-pedagog. vyd-vo "Radians'ka shkola," 1960. 231 p.

UKRAINIAN LITERATURE—BIBLIOGRAPHY see Bibliography—Ukrainian literature

UKRAINIAN LITERATURE—HISTORY AND CRITICISM

The ideological and theoretical struggle of Soviet Ukrainian literature from 1920 to 1924 in connection with the affirmative hero. P. P. Kononenko. Dosl. z lit. ta mov. no. 1:25-39 '60.

Poetry of work and inspiration Ivan Bass. Sov. Ukr. 10 no. 2:150-155 F '60.

Zerov, Mykola. [New Ukrainian literature] Nove ukraina'ke pys'menstvo; istorychnyi narys. Munich, In-t lit-ry.
No. 1. 1960. 306 p.

UKRAINIAN POETRY—TRANSLATIONS FROM FOREIGN LITERATURE

Remarks on the language and style of L. Borovykovskyi's translations. V. V. Koptilov. Dosl. z lit. ta mov. no. 1 77-93 '60.

UKRAINKA, LESIA, 1871-1913

Ardent fighter I. Holovakha Volov. ateist no. 2:44-47 F '61

ULAKHAN-BOTUOBUYA VALLEY—ROCKS, IGNEOUS

Subalkaline varieties of Siberian traps in the basin of the Ulakhan-Botuobuya River (right tributary of the Vilyuy) V. V. IUdina. Izv. AN SSSR, Ser. geol. 26 no. 6 79-97 Je '61.

ULAN-BATOR—DYSENTERY

Effectiveness of treating acute dysentery with antibiotics and sensitivity of its pathogen to them in Ulan-Bator [with summary in English]. V. Gamma Zhur mikrobiol epid. i immun. 32 no. 5.106-110 My '61.

ULAN-BATOR—EXHIBITION BUILDINGS

A grouping of Soviet exhibition buildings in Ulan-Bator. Arkhit. SSSR no. 3:55 '61.

ULAN-UDE—ANTIQUITIES

Neolithic burials in Novaya Shishkovka. E. A. Khamzina. Arkheol. sbor. 1:127-128 '59.

ULAN-UDE—STONE AGE

Neolithic burials in Novaya Shishkova. E. A. Khamzina. Arkheol. sbor. 1:127-128 '59

ULAN-UDE REGION—DOMESTIC ANIMALS

Remains of domestic animals from nomadic burials. K. B. IUr'ev. Arkheol. sbor. 1:83-84 '59.

UL'IANOV, IL'IA NIKOLAEVICH, 1831-1886

I. N. Ul'ianov's concern for the advanced people's schools. A. Kondakov. Nar. obr. no. 7:91-95 Jl '61.

ULTRAMARINE

Technology of the production of ultramarine. I. A. Gorlovskii and others. Lakokras. mat. i ikh prim. no. 3:20-25 '61.

ULTRASONIC WAVES

Absorption of ultrasonic waves in ethyl acetate. S. Barledge, E. Kerom. Akust. zhur. 5 no. 4:490-492 '59.

Absorption of ultrasonic waves in some alkali halide crystals. L. G. Merkulov. Akust. zhur. 5 no. 4:432-439 '59.

Application of ultrasound to conformational analysis. L. D. Bergel'son. Akust. zhur. 5 no. 4 391-402 '59.

Contribution to the theory of magnetoacoustic resonance in metals [with summary in English]. E. A. Kaner, V. G Peschanskii, I. A. Privorotskii. Zhur. eksp. i teor. fiz. 40 no 1 214-226 Ja '61.

New possibilities of the pulse method of two fixed distances. V. N Zalivchii, N. I. Koshkin, V. F Nozdrev. Akust. zhur. 5 no. 4 493-495 '59

Stimulating action of ultrasonic waves on the germination of corn seeds L. M. Bronskaia, I. E. El'piner. Akust. zhur. 5 no 4:492-493 '59.

Theory of acoustic paramagnetic resonance in crystals containing ions of the iron group. S. A. Al'tshuler, Sh. Sh. Bashkirov, A. M. Leushin. Fiz. tver. tela 3 no. 5 1501-1504 My '61.

Ultrasonic pulse lugging E. V. Karus, M V. Saks Vest. AN SSSR 31 no 5 70-74 My '61

ULTRASONIC WAVES—INDUSTRIAL APPLICATIONS

Additional application of ultrasonic waves in cutting metals. V. I. Zakharov and others. Vest mash. 41 no. 7 62-65 Jl '61

Demchuk, L. S. [Using ultrasonic waves in intensifying technological processes] Ul'trazvukovaia intensifikatsiia tekhnologicheskikh protsessov. Pod obshchei red. L. IA. Popilova. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 88 p. (Bibliotechka elektrotekhnologa i ul'trazvukovika, no. 7)

Extraction of oil from the cod liver by the use of ultrasonic generators. I. M. Marshak, R. R. Perepletchik. Trudy VNIRO 39:185-196 '59.

The 4770 universal ultrasonic branching machine. D. F. IAkhimovich Stan i instr 32 no 6 11-13 Je '61

Instrument for measuring ship speed through the water. B. Zalivadnyi. Mor. flot 21 no. 2:18-20 F '61.

Investigating the action of ultrasonic waves on the structure of magnesium cast iron K. V. Gorev, Z N Prosvurina, I. A. Shevchuk. Sbor. nauch. trud. Fiz.-tekh. inst. AN BSSR no. 6 82-93 '60.

Popilov, L. IA. [Electric and ultrasonic treatment; reference manual] Elektricheskaia i ul'trazvukovaia obrabotka; spravochnoe posobie. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 135 p. (Bibliotechka elektrotekhnologa i ul'trazvukovika, no. 1)

[MICROFILM]

Removal of boiler-scales by ultrasonic waves. N.G. Chub. Spirt. prom. 27 no. 1:37-38 '61.

The strength of concrete is determined ultrasonically. Na strol. Ros. no. 3:24 Mr '61.

Trapping of a highly dispersed carbon black by means of acoustic coagulation. V. P. Kurkin. Kauch. i rez. 20 no. 6:20-32 Je '61.

Ultrasonic nitriding of steel. G. V. Zomskov and others. Metalloved. i term. obr. met. no. 3:40-42 Mr '61.

Ultrasonic waves clean boilers. Strol. i arkhit. Len. 23 no. 6:38 Je '61.

Ultrasonics inspect the quality of welding. V. I. Tolmachev. Put' i put khoz. 5 no 5 17 My '61.

ULTRASONIC WAVES—PHYSIOLOGICAL EFFECT

Electron microscope study of the phagolysate of Bacillus mycoides following exposure to ultrasonic waves A S. Tikhonenko, I. E El'piner Biofizika 4 no. 5:610-604 '59.

Role of chemical substances formed in water under ultrasonic irradiation in the damaging effect of ultrasonic waves on yeast cells. G. B. Komolova, M. S. Levinson. Izv. Sib. otd. AN SSSR no. 5:80-85 '61.

Studies on the chemical composition of BCG culture extracts exposed to ultrasonics and the isolation of a soluble antigen from them [with summary in English]. V. A. Blagoveshchenskii, G. I Stepanchenok-Rudnik, L. V. Zhulina. Zhur. mikrobiol. epid. i immun 32 no. 3:17-22 Mr '61.

Studies on the hygienic nature of ultrasonic waves in industry [with summary in English]. Z. S. Lisichkina. Gig. i san. 26 no. 1:23-33 Ja '61.

Use of ultrasonic waves in microbiology and the biochemistry of microbes, survey of the literature [with summary in English] G. I. Stepanchenok-Rudnik, V. A. Blagoveshchenskii. Zhur. mikrobiol. epid. i immun. 31 no. 3:44-48 Mr '60.

ULTRASONIC WAVES—THERAPEUTIC USE

"Treating skin diseases by ultrasound" by L. I. Bogdanovich. Reviewed by A. A. Studnitsin. Sov. med. 25 no. 4. 156-156 Ap '61.

ULTRASONICS

New journal on ultrasonics. L. Rozenberg. Akust. zhur. 5 no. 4:508 '59.

Use of ultrasonics in the cleaning of oil sections. Chen Khua-din [Ch'êng Hua-ting]. Elek. i tepl tiaga 5 no. 3. 16-17 Mr '61.

ULTRAVIOLET RAYS

Ultraviolet microscopy of biological objects with incident illumination [with summary in English]. E. M. Brumberg, I. IA. Baraksi, P. E Moroz. Biofizika 4 no. 5: 595-599 '59.

ULTRAVIOLET RAYS—PHYSIOLOGICAL EFFECT

Effect of small doses of ultraviolet rays on the variability of Flexner's bacilli [with summary in English] Z. G. Pershina, I. G. Vasil'eva. Zhur. mikrobiol. epid. i immun. 31 no. 11 99-103 N '60

Experimental production of Fusarium variants synthesizing increased amounts of gibberellin. A. A. Imshenetskii, O. M. Ul'ianova. Dokl. AN SSSR 136 no. 5: 1204-1207 Je '61.

Studying the effect of ultraviolet irradiation on collienteritic pathogens, author's abstract. Z. P. Gorialnova-Ikol, R. A. Ter-Pogosian. Zhur. mikrobiol. epid. i immun. 32 no. 2 116 F '61

ULTRAVIOLET RAYS—THERAPEUTIC USE

(see also subdivision under Germany, East)

Treatment of infiltrations after aminazine injections [with summary in French]. L. M. Plotnikov. Zhur. nevr. i psikh. 61 no. 2 251-255 '61.

ULTRAVIOLET SPECTRUM see Spectrum, Ultraviolet

ULU-TAU—AMPHIBOLE

Alkaline amphiboles in the Ulu-Tau Pre-Cambrian complex (central Kazakhstan) I. I. Filatova. Izv. vys. ucheb. zav., geol. i razv. 4 no. 2 53-61 F '61

UL'YANOVSK—CITY PLANNING

Successes and difficulties in improving the public areas and services of Ul'yanovsk. V. Manusov. Zhil.-kom. khoz. 11 no. 4:3-4 Ap '61

UL'YANOVSK—MUNICIPAL SERVICES

Moving ahead. B. Kuznetsov. Zhil.-kom. khoz. 11 no. 4:7 Ap '61.

UNAUTHORIZED PRACTICE OF LAW

We should try to eliminate the unauthorized practice of law. D. Golubovskii. Sov. iust. no. 12, 19-20 Je '61.

UNDECANE

Kinetics of transformation of 2, 8-dimethyl-5-thiananonane and 5, 7-dipropyl-6-thiaundecane in the presence of an aluminosilicate catalyst. R. D. Obolentsev, L. N. Gabdullina. Khim. sera i azotorg. soed. v nefti i nefteprod. 3:281-270 '60

UNDERDEVELOPED AREAS

Some characteristics of state capitalism in underdeveloped countries [with summary in English]. S. I. Tiul'panov. Vest. LGU 16 no. 11 5-26 '61.

UNDERGROUND CONSTRUCTION

Maliovanov, D. I., ed. [Underground construction] Podzemnoe stroitel'stvo. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 307 p.

UNDERGROUND WATER see Water, Underground

UNDERPASSES see subdivision under Leningrad, Moscow

UNDERSTANDING see Comprehension

UNDERWATER ACOUSTICS

Russian inventors of hydroacoustical equipment. E. Shoshikov. Mor. flot 21 no. 6 37 Je '61

Some phenomena associated with the propagation of sound in sea water. A. L. Sosedova. Akust. zhur. 5 no. 4:445-449 '59.

UNDERWATER EXPLOSIONS

Experimental investigation of the development of a gas bubble and crown in underwater explosions. V. L. Za- ... V. N. Kostiuchenko. PMTF ... surface. '61. ... M. A.

UNITED NATIONS

Changes are necessary. Nov. vrem. 19 no. 26:13-14 Je '61.

UNITED NATIONS EDUCATIONAL, SCIENTIFIC AND CULTURAL ORGANIZATION

Negin, M. [United Nations Educational, Scientific and Cultural Organization (UNESCO)] Organizatsiia Ob"edinennykh Natsii po voprosam prosveshcheniia, nauki i kul'tury (IUNESKO). Moskva, Izd-vo in-ta mezhdunarodnykh otnoshenii, 1959. 106 p.

UNITED STATES—AGRICULTURE

Unsolved problem. N. Rydanov. Mezhdunar. zhizn' 8 no. 7 143-145 Jl '61.

UNITED STATES—AGRICULTURE—INFORMATION SERVICES

Organization of agricultural propaganda in the U. S. A. V. Popov. Ekon. sel'khoz. 32 no. 2 112-118 F '61.

UNITED STATES—AGRICULTURE—LABOR PRODUCTIVITY

Labor productivity and crisis phenomena in U. S. agriculture. G. S. Wheeler. Ekon. sel'khoz. 32 no. 2: 119-120 F '61.

UNITED STATES—AIR FORCE

Automatic control systems for Air Force support units in the United States. N. Alekseev. Tyl i snab. Sov. Voor. Sil 21 no. 1 90-93 Ja '61.

UNITED STATES—ALIENS

Property rights of Soviet citizens in the United States of America. A. F. Volchkov, A. A. Rubanov. Sov. gos. i pravo 31 no. 6, 83-93 Je '61

UNITED STATES—ARBITRATION, INDUSTRIAL

Interference of the U. S. Government in labor disputes. M. V. Baglai. Sov. gos. i pravo 31 no. 7:91-102 Jl '61.

UNITED STATES—ARTIFICIAL RESPIRATION

Tubes for artificial respiration. Iu. F. Boronkov. Mont. i spets. rab. v stroi. 23 no. 5:31-32 My '61.

UNITED STATES—AUTOMOBILES—TIRES

Tires with a two-ply carcass in the United States [from "Die Gummiberatung," no. 12, 1960). Kauch. i rez. 20 no. 6:60-61 Je '61

UNITED STATES—BALANCE OF PAYMENTS

"Gold and the dollar crisis" [in English] by R. Triffin. Reviewed by L. Fray. Den. i kred. 19 no. 6, 84-86 Je '61

U. S. balance of payments. M. Zakhmatov. Den. i kred. 19 no. 6:67-76 Je '61

UNITED STATES—BRIDGE CONSTRUCTION

General solution of problems in planning and building a wide-span bridge. I. E. TSimbarg. Avt. dor. 24 no. 5, 28-30 My '61

UNITED STATES—CALCIUM CARBIDE

Production of calcium carbide in the U. S. A. L. N. Moroz. Khim. prom. no. 5:362-365 My '61.

UNITED STATES—CAST-IRON—METALLURGY

Development of the production of pearlitic malleable cast iron in the United States. K. L. Shcherbakov. Biul. tekh.-ekon. inform. no. 5:64-67 '61.

UNITED STATES—COMMERCE—RUSSIA

Gorbunov, R. G. [Soviet-American trade relations] Sovetsko-amerikanskie torgovye otnosheniia. Moskva, Vneshtorgizdat, 1961, 58 p.

UNITED STATES—COMMUNIST PARTY—CONGRESSES

Communist Party of the United States of America. 17th convention, New York, 1959. [Seventeenth National ... the Communist Party of the U. S. A., 1959. Translated from the English] s"ezd Kommunisticheskoi partii ...ria 1959 goda. Moskva, Gos. izd-vo 232 p. (Dokumenty i materialy ...munisticheskikh i rabochikh partii)

...RN (MAIZE)—IRRIGATION

...f corn irrigation in the United States. Gidr. i mel. 13 no. 6, 51-55 Je

...LTURE

...ists of culture in the United States. ...ob. mira no. 12:54-61 D '61.

...CTIONARIES AND ENCYCLOPEDIAS

...erica." Reviewed by L. Prokhorova. ...:63 Jl '61.

...ONOMIC CONDITIONS

...day; the time of uncertainty and re... ...akov. Kommunist 38 no. 10:80-89

...ECTRIC POWER

...vth of the power industry in the ...lochkin. Plan. khoz. 38 no. 7:83-

Kuroplatnik, R. P. [Development of the electric power industry in the U. S. A.] Razvitie elektroenergetiki v SShA. Moskva, Izd-vo Akad. nauk SSSR, 1961. 205 p.

UNITED STATES—ELECTRONIC CONTROL

Automatic instructor for assembling electronic equipment. L. Rumiantseva. Biul. nauch. inform. i trud. i zar. plata 4 no. 4 66-70 '61.

UNITED STATES—EXTRUSION (METALS)

Use of shot instead of ingots for compression on tube extruding presses [from "Product Engineering," May, 1958] R. S. Kitain. Kuz.-shtam. proizv. 3 no. 6 3 of cover Je '61

UNITED STATES—FIGHTER PLANES

F-105 fighter. P. V. Safonov. Vest. Vozd. Fl. no. 3 91-93 '61.

UNITED STATES—FOREIGN ECONOMIC RELATIONS—AFRICA

Penetration of American imperialism into Africa. S. Volnians'kyi. Komm. Ukr. 36 no. 7:79-88 Jl '61.

UNITED STATES—FOREIGN RELATIONS

Dulles's ideas in a new edition. Nov. vrem. 10 no. 30 5-7 Jl '61.

Some problems relating to the development of American imperialist ideology [with summary in English, p. 21] A. M. Deborin. Vop. ist. no. 6:25-38 Je '61.

UNITED STATES—FOREIGN RELATIONS—PORTUGAL

Beliavskii, A. M. [American imperialism in the Pyrenean Peninsula] Amerikanskii imperializm na Pirenеiskom poluostrove. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 401 p.

UNITED STATES—FOREIGN RELATIONS—RUSSIA

Khrushchev, N. S. [Radio and television address on June 15, 1961] Vystuplenie po radio i televideniiu 15 iiunia 1961 goda. Moskva, Gos. izd-vo polit. lit-ry, 1961. 30 p.

Storm over the Hofburg. N. Polianov. Sov. pech. no. 1 56-57 Jl '61.

UNITED STATES—FOREIGN RELATIONS—SPAIN

Beliavskii, A. M. [American imperialism in the Pyrenean Peninsula] Amerikanskii imperializm na Pirenеiskom poluostrove. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 401 p.

UNITED STATES—HOSPITALS

Hospital care in the United States and England. A. M. TSyn. Zdrav. Ros. Feder. 5 no. 6:35-39 Je '61.

UNITED STATES—INDUSTRIAL MANAGEMENT

Evaluating the work of production administrators in the U. S. A. E. Aron. Biul. nauch. inform. i trud. i zar. plata 4 no. 6 72-77 '61.

UNITED STATES—INDUSTRIES

Great competition. A. Omarov. Agitator no. 13:6-11 Jl '61.

UNITED STATES—LABOR AND LABORING CLASSES

Mal'kov, V. L. [Labor movement in the U. S. A. during the period of the world economic crisis, 1929-1933] Rabochee dvizhenie v SShA v period mirovogo ekonomicheskogo krizisa, 1929-1933 gg. Moskva, Izd-vo Akad. nauk SSSR, 1961. 313 p.

UNITED STATES—LABOR DISPUTES

Interference of the U. S. Government in labor disputes. M. V. Baglai. Sov. gos. i pravo 31 no. 7:101-102 Jl '61.

UNITED STATES—LUMBERING—MACHINERY

Automatic lumber sorting (from "Timber Trades Journal," November, 1960). L. Nikolaev. Les prom. 39 no. 5:29 My '61.

UNITED STATES—MACHINERY INDUSTRY

Changes in the structure of the machinery industry in the U. S. A. during the postwar period. L. P. Nochevkina, I. I. Nikonova. Vest. mash. 41 no. 6:69-73 Je '61

UNITED STATES—MARINE GAS TURBINES

Practices in the operation of the "John Sergeant's" gas-turbine. G. Rosenberg, R. IUtkevich. Mor. flot 21 no. 2:42-45 F '61.

UNITED STATES—MERCHANT MARINE

Decline in the activities of U. S. A. merchant marine. B. Habur. Mor. flot 21 no. 2:41-42 F '61.

UNITED STATES—METAL SPRAYING

Color coating of steel [from "Iron and Steel Engineer," no. 5, 1960]. Metalloved. i term. obr. met. no. 7:64 Jl '61.

UNITED STATES—MICA

Use of ground mica in the rubber industry in the U. S. A. A. V. Sokolov. Kauch. i rez. 20 no. 6:62-63 Je '61.

UNITED STATES—MICROBIOLOGICAL RESEARCH

Microbiological research in the United States. A. A. Imshenetskii. Vest. AN SSSR 31 no. 6:72-75 Je '61

UNITED STATES—MINE ACCIDENTS

Accidents in the mining industry in the United States. Bezop truda v prom 5 no 6 33-34 Je '61

UNITED STATES—MINE TIMBERING

Supporting horizontal workings with concrete in the San Manuel Mine. N.K Golovachev Shakht stroi 5 no 5 27-28 My '61.

UNITED STATES—NUCLEAR REACTORS

Starting a reactor for studying the plutonium fuel cycle. Atom energ 10 no 6:639-640 Je '61

UNITED STATES—OIL FIELDS—PRODUCTION METHODS

Automatic control and mechanization in American oil fields. G.K. Maksimovich Neft khoz. 39 no 7 66-70 Jl '61.

UNITED STATES—ORE DEPOSITS

A month in America. V.I. Smirnov. Vest. Mosk. un. Ser. 4 Geol 16 no 3 74-79 My-Je '61

UNITED STATES—PHYSICAL EDUCATION AND TRAINING

Physical training in colleges and universities of the United States. V.I. Sukhotskii. Teor. i prak fiz kul' 23 no. 9 693-698 '60.

UNITED STATES—PLANT PHYSIOLOGY—RESEARCH

Current research on plant physiology in the United States. A.A. Shakhov. Usp. sovr. biol. 51 no. 3 379-390 My-Je '61.

UNITED STATES—POLITICS AND GOVERNMENT

Efforts to establish a third political party in the U.S.A in the 1930's N.V Sivachev Vest Mosk un Ser 9 Ist 16 no 3 48-56 My-Je '61

Will America take a new path? Thomas G Buchanan. V zashch. mira no. 12 16-22 D '60.

UNITED STATES—QUALITY CONTROL

Some measures for improving the organization of quality control in the U.S.A. E. Semenov Biul. nauch. inform. trud i zar plata 4 no 6:77-79 '61.

UNITED STATES—RAILROADS

Thirty days on the railroads of the U.S.A. A.I Tishchenko Elek. i tepl. tiaga 5 no 1 43-46 Ap '61

UNITED STATES—RAILROADS—SIGNALING

Session of the signaling section of the American Railway Association I.S. Glushman Avtom., telem. i sviaz' 5 no 5 46-47 My '61

UNITED STATES—RED CROSS

Red Cross in the United States N Chikalenko. Sov krasnokrest. 11 no. 3 26 My-Je '61

UNITED STATES—RIGHT OF PROPERTY

Property rights of Soviet citizens in the United States of America. A.F Volchkov, A.A Rubanov Sov gos i pravo 31 no 6 83-93 Je '61

UNITED STATES—ROSENBERG CASE

An imprisoned scientist. Albert Kahn. Sov. kust. no 12: 25-26 Je '61.

UNITED STATES—RUBBER, SYNTHETIC

New fluorocarbon elastomers and rubbers based on them. Kauch i rez. 20 no. 6 59-60 Je '61

UNITED STATES—RUBBER GOODS

High capacity hydraulic press for punching out rubber stoppers (from "Rubber Age," no. 4, 1960). Kauch. i rez. 20 no. 6:62 Je '61.

UNITED STATES—SCHOOLHOUSES

Planning technical high schools in the United States. I. Filippovich. Arkhit. SSSR no. 3:56-60 '61.

UNITED STATES—SHIPS—MAINTENANCE AND REPAIR

Elevator for raising ships out of the water. Rech. transp 20 no 6,57 Je '61

UNITED STATES—SOCIAL CONDITIONS

The United States today, the time of uncertainty and reflection. V Cheprakov Kommunist 38 no 10:80-89 Jl '61

UNITED STATES—SOIL CONSERVATION

Erosion control and restoration of soil fertility in the U.S.A. S.I. Ryzhov. Pochvovedenie no. 6,93-97 Je '61.

UNITED STATES—SPRINKLER IRRIGATION

Automatic sprinkling systems in the U.S.A. N.V. Vinnikova. Vest sel'khoz. nauki 6 no. 6:154-157 Ja '61.

UNITED STATES—STRIKES AND LOCKOUTS

On various continents. V. Zolotov. Sov profsoiuzy 17 no 12 36-38 Je '61.

White House and trade unions. I. Lapitskii Nov. vrem 19 no. 29:10-11 Jl '61.

UNITED STATES—SUGGESTION SYSTEMS

Squanderer of nerves and brain. B. Zharkov. Izobr. i rats. no. 6:44-45 Je '61.

UNITED STATES—TIRES, RUBBER

The industry of the U.S.A. in 1960 (from "Rubber World," no. 4, 1961). Kauch i rez. 20 no 6 59 Je '61.

UNITED STATES—TRACTORS

John Deer tractors, 1960 models. A.V. Sharapov. Trakt. i sel'khozmash. 31 no. 6:49-3 of cover Je '61.

UNITED STATES—UNEMPLOYED

No end to unemployment in the U.S.A. George Morris Mezhdunar. zhizn' 8 no 7 11-21 Jl '61

Unemployment in the United States George S Wheeler Vsem prof dvizh no 5 17-21 My '61

UNITED STATES—URANIUM ORES

Botanical prospecting for uranium in the United States. Atom energ. 10 no 6 616 Je '61

UNITHIOL

Effect of unithiol and its analogues on mercapto groups of the blood serum of rabbits under conditions of arsenic poisoning [with summary in English] M.I Lubanskyi, IU.I. Loboda Ukr biokhim. zhur. 33 no 3 315-325 '61

UNIVERSITIES AND COLLEGES see subdivision under Karaganda

UNIVERSITIES AND COLLEGES—CURRICULA

Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. [Handbook for students entering the institutions of higher learning of the U.S.S.R. in 1961] Spravochnik dlia postupaiushchikh v vysshie uchebnye zavedeniia SSSR v 1961 g. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 299 p.

UNIVERSITIES AND COLLEGES—ENTRANCE REQUIREMENTS

Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. [Handbook for students entering the institutions of higher learning of the U.S.S.R. in 1961] Spravochnik dlia postupaiushchikh v vysshie uchebnye zavedeniia SSSR v 1961 g. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 299 p.

UNSATURATED COMPOUNDS

Addition of germanium hydrides to unsaturated compounds. N.G. Dzharinskaia, V.F Mironov, A.D. Petrov Dokl. AN SSSR 138 no. 5,1107-1110 Je '61.

Use of trans-1-vinyl-6-acetoxy- and trans-1-vinyl-6-ethylenedioxy-9-methyl-Δ^1-octalines in diene synthesis reactions V.F. Kucherov, I.A. Gurvich. Izv. AN SSSR Otd. khim. nauk no. 6 1152-1153 Je '61

UPHOLSTERY

Bacia, K., B. Witkowski, and I. Witkowski. [Manual for upholsterers. Abridged translation from the Polish] Rukovodstvo dlia obivshchikov mingkoi mebeli. Moskva, Goslesbumizdat, 1961. 181 p.

UPLISTSIKHE REGION—OYSTERS, FOSSIL

Age of oysterbeds in the Uplistsikhe region. F.K. Vakhania Trudy VNIGNI no 15, 24-30 '59

UPPER VOLTA—POLITICS AND GOVERNMENT

Upper Volta is against the colonialists V. Verin Mezhdunar zhizn' 8 no 7:140-148 Jl '61

URACIL

Mechanism of antiphage activity of antitumor preparations [with summary in English]. T. N. Brokei Zhur. mikrobiol epid i immun. 31 no 12 84-89 D '60

Regeneration of tubular bones (tibia) in rats under conditions of lowered basal metabolism S.A Ivanova, IU.D. Sorokina. Vest. Mosk. un. Ser 6 Biol., pochv 16 no 3 5-14 My-Je '61.

URAL MOUNTAIN REGION—COMMUNIST PARTY OF THE SOVIET UNION

Korotaev, F.S. [The Lenin appeal to join the party in the Western Urals] Leninskii prizyv v partiiu na Zapadnom Urale. Perm', Permskoe knizhnoe izd-vo, 1960. 73 p.

URAL MOUNTAIN REGION—DESCRIPTION AND TRAVEL

The Ural horizon (to be continued). A. Efremov, E. Fedorovskii. Vokrug sveta no. 6:33-38 Je '61.

URAL MOUNTAIN REGION—ECONOMIC GEOGRAPHY

The Ural horizon (to be continued). A. Efremov, E. Fedorovskii. Vokrug sveta no. 6:33-38 Je '61.

URAL MOUNTAIN REGION—FERTILIZERS AND MANURES

Use waste products of the Ural industry in agriculture M. Dormidontov, IU. Nagaev, V. Rochev. Ekon. sel'khoz. 32 no. 2 109-111 F '61

URAL MOUNTAIN REGION—FOREST SOILS

Effect of pine and birch forests on soils of the southern Ural Mountain region [with summary in English]. IU.D. Abaturov, Pochvovedenie no. 6:47-54 Je '61.

URAL MOUNTAIN REGION—FORESTS AND FORESTRY—VALUATION

Dynamics of the age structure and stand composition in mixed deciduous-fir-spruce forests of the Urals. E.P. Smolonogov. Trudy Inst. biol. UFAN SSSR no. 14:30-54 '60.

URAL MOUNTAIN REGION—GEOLOGY, STRATIGRAPHIC

Sediments of the Lower Ordovician in Aktyubinsk Province of Kazakhstan and adjacent regions of the western slope of the Southern Urals B.M Keller, Kh.S Rozman Trudy GIN no 18 93-101 '61.

URAL MOUNTAIN REGION—GEOLOGY, STRUCTURAL

Basic structural features of the central part of the cis-Ural trough. K.S IArullin Vop geol vost okr. Rus platf. i IUzh. Urala no 4 104-122 '59.

URAL MOUNTAIN REGION—INDUSTRIAL WASTES

Use waste products of the Ural industry in agriculture M. Dormidontov, IU. Nagaev, V. Rochev Ekon. sel'khoz 32 no 2 109-111 F '61

URAL MOUNTAIN REGION—LABOR AND LABORING CLASSES

A conference on the history of Ural Mountain region workers K.K. Dimitrovskii, I.S. Laptsugovich, L.S. Rogachevskaia Vop ist no 6 150-153 Je '61

URAL MOUNTAIN REGION—MANGANESE ORES

Some details of the process of sedimentary ore formation (exemplified in manganese ores of the eastern part of the trans-Ural region). L.I. Shterenberg Dokl. AN SSSR 138 no. 5:1183-1186 Je '61

URAL MOUNTAIN REGION—PLANT INTRODUCTION

Introduction and breeding of woody plants in the Urals. N.A. Konovalov, I.P. Petukhova. Trudy Inst. biol. UFAN SSSR no. 11 55-65 '60.

URAL MOUNTAIN REGION—POTTERY

Classification of pottery from the forested steppe of the trans-Ural region K.V Sal'nikov Sov. arkheol. 5 no. 2:37-48 '61

URAL MOUNTAIN REGION—PYRITES

Recording transitional processes in pyrite deposits of the Southern Urals [with summary in English]. V.F Kovalenko Sov geol 4 no 6 89-101 Je '61

URAL MOUNTAIN REGION—RAILROAD ENGINEERING

Straight as an arrow, the relentless line pierces the taiga. P. Shvets. Sov. voin 43 no. 9,24-25 My '61.

URAL MOUNTAIN REGION—RODENTIA

Establishment of zoogeographical regions based on rodent distribution in the Urals S.S. Shvarts, V.N Pavlinin Trudy Inst. biol. UFAN SSSR no 11 83-96 '60.

URAL MOUNTAIN REGION—SWAMPS

Typology of swamps in the northern part of the trans-Ural region M.M Stolozheva. Trudy Inst. biol. UFAN SSSR no. 11 57-82 '60.

URAL MOUNTAIN REGION—TREE BREEDING

Introduction and breeding of woody plants in the Urals N.A. Konovalov, I.P Petukhova Trudy Inst biol UFAN SSSR no. 11:55-65 '60

URAL MOUNTAIN REGION—UNDERGROUND LITERATURE

Propaganda of the underground press of the Ural Bolsheviks intended for soldiers during the years of reaction, 1907-1910 B.P Baluev. Vest Mosk un. Ser. 7 Filol., zhur. 16 no 3,31-41 My-Je '61

URAL MOUNTAIN REGION—WORLD WAR, 1939-1945

Efforts of party organizations in the southern Ural Mountain region to place the evacuated industrial enterprises, 1941-1942 [with summary in English, pp 219-220] A.F Vasil'ev Vop ist no 6 62-74 Je '61

URAL MOUNTAINS—DOLOMITE

Characteristics of dolomites in upper Devonian sediments on the western slope of the Southern Urals. V.A Maslov Vop. geol vost. okr. Rus. platf. i IUzh. Urala no 4 80-84 '59

Epigenetic dolomites in lower Devonian sediments of the western slopes of the Southern Urals. S.N. Krauze, V.A. Maslov Vop geol vost okr Rus platf. i IUzh Urala no. 4:85-89 '59.

URAL MOUNTAINS—GARNET

Genesis of garnetiferous pyroxenite of the Krak massif in the Southern Urals S.V. Moskaleva, M.T. Orlova Mat VSEGEI Ob. ser no 28 143-147 '60

URAL MOUNTAINS—GEOLOGY, STRATIGRAPHIC

Boundary between the lower and middle Carboniferous on the eastern slope of the Urals A.A Sultanaev. Trudy VNIGRI no 163:337-420 '60

Correlation of Pre-Devonian sediments of western Bashkiria old series in the western slopes of the Southern Urals. L.D. Ozhiganova. Vop. geol. vost. okr. Rus. platf. i IUzh. Urala no. 4 47-53 '59

Marine lower Cambrian on the eastern slope of the Southern Urals, N.F. Mamaev. Sov geol 4 no. 5, 149-150 My '61.

Recent data on the geology of the Shatak series of the Southern Urals. N.A Rumiantseva Mat VSEGEI Ob. ser. no 28 19-30 '60

URAL MOUNTAINS—GEOLOGY, STRATIGRAPHIC (Continued)

Recent data on the stratigraphy of the Devonian sediments of the Southern Urals. IU R Bekker Sov geol 4 no 5 146-149 My '61.

Stratigraphy and conditions of formation of the lower Paleozoic of the western slope of the Central Urals A A Kukharenko, IU. D Smirnov Mat VSEGEI Ob ser no 28 51-66 '60

URAL MOUNTAINS—GEOLOGY, STRATIGRAPHIC—MAPS

Lithofacies maps of the Urals K. P. Evseev. Mat VSEGEI Ob ser. no. 28 3-8 '60

URAL MOUNTAINS—HAWKWEED

Table for determining hawkweed spicies of the Urals. A. IA. IUksip. Izv. Tomsk. otd. VBO 4.77-86 '59.

URAL MOUNTAINS—MINERALOGY

Accessory minerals of the ancient mute strata of the western slope of the Southern Urals M T. Orlova Mat. VSEGEI. Ob. ser. no 28 31-43 '60

URAL MOUNTAINS—MINES AND MINERAL RESOURCES

Main directions in improving the technology of underground mining of thick ore deposits in the Urals, L E Zubrilov and others. Trudy Gor -geol inst UFAN SSSR no 54 5-12 '60

URAL MOUNTAINS—ORE DEPOSITS

Pseudomorphs in ores from the pyrite deposit named after the 19th Party Congress. M. I. Izmagilov. Vop. geol. vost. okr. Rus. platf. i IUzh. Urala no. 4:28-31 '59.

URAL MOUNTAINS—PALEOGEOGRAPHY

Devonian paleogeography of the eastern slope of the Southern Urals. O A. Nestoianova Mat VSEGEI Ob ser. no 28 101-110 '60

URAL MOUNTAINS—PHOSPHORITES

Metasomatic phosphorites in the lower Permian sediments in the Urals, I. V. Khvorova, Izv. AN SSSR Ser. geol 26 no. 6:5-17 Je '61.

URAL MOUNTAINS—PYRITES

Age of the ore-bearing formations of the Uchaly and 19th Party Congress pyrite deposits O. A Nestoianova, I P Pastukhov Mat. VSEGEI. Ob. ser. no. 28. 167-169 '60

Determining the age of the pyrite deposits in the Urals, V. P. Loginov, T. N. Shadlun. Geol. rud. mestorozh. no. 3:110-119 My-Je '61.

Hydrochemical methods of prospecting for copper pyrite deposits in the Southern Urals [with summary in English] V. F. Kovalev and others Geokhimiia no 7 596-603 '61

Method of prospecting for hidden pyrite deposits in the Urals M. N. Al'bov, P. P. Zhelobov. Razved. i okh. nedr 26 no. 2:43-44 F '60.

URAL MOUNTAINS—PYROXENITE

Genesis of garnetiferous pyroxenite of the Krak massif in the Southern Urals. S. V. Moskaleva, M T. Orlova Mat. VSEGEI. Ob. ser. no. 28-143-147 '60

URAL MOUNTAINS—SEDIMENTS (GEOLOGY)

Geology of lower Devonian sediments in the Belaya-Ik interfluve in the Southern Urals. M. A. Kamaletdinov, R. A. Kamaletdinov, I. A. IAkupov. Vop. geol. vost. okr. Rus. platf. i IUzh. Urala no. 4:128-133 '59.

Some special features in the sedimentation of Sargayevo layers on the western slopes of the Southern Urals. S. N. Krauze. Vop. geol. vost. okr. Rus. platf. i IUzh. Urala no. 4:98-102 '59.

Special characteristics of the conditions governing the [illegible] of upper Frasnian sediments on the western he Southern Urals. V. A. Maslov. Vop. geol. Rus. platf. i IUzh Urala no. 4:68-79 '59.

[illegible] larities in the structure of uranates and their the properties of uranates. L. M. Kovba. Izv. sav.; khim. i khim. tekh. 3 no. 2:219-222 '60.

[illegible] s of the formation of different generations . I. V. Mel'nikov. Geol. rud. mestorozh. My-Je '61.

[illegible] s-section of uranium for fast neutrons, A. N. . IU. A. Selitskii, S. M. Solov'ev. Trudy . AN SSSR 9:55-60 '59.

[illegible] accompanying the thermal-neutron fission of . Artem'ev, A. N. Protopopov, B. M. Shtirlaev. v. inst. AN SSSR 9:78-83 '59.

[illegible] f the fission of uranium at high excitation . P. Shamov. Trudy Radiev. inst. AN SSSR

V. B., and B. N. Sudarikov. [Uranium Tekhnologiia urana. Moskva, Gos. izd-vo sti atomnoi nauki i tekhniki, 1961. 328 p.

[illegible] of the fission of uranium nuclei induced by ns. N. A. Perfilov, Z. I. Solov'eva. Trudy . AN SSSR 9:5-40 '59.

URANIUM—ANALYSIS

Increased sensitivity of the polarographic determination of uranium in the presence of vanadium and phosphate ions [with summary in English]. V. G. Sochevanov and others. Zhur. anal. khim. 16 no. 3 362-363 My-Je '61.

Kao Ts-Ai-shêng. [Studies of the kinetics of uranyl-ion electrochemical reactions in mineral acids in connection with the development of the quantitative determination of uranium in ores by oscillographic polarography. Author's resumé of dissertation for the degree of candidate of chemical sciences] Issledovanie kinetiki elektrokhimicheskikh reaktsii uranil-iona v mineral'nykh kislotakh v sviazi s razrabotkoi kolichestvennogo opredeleniia urana v rudakh metodom ostsillograficheskoi polarografii, avtoreferat dissertatsii na soiskanie uchenoi stepeni kandidata khimicheskikh nauk. Nauchnye rukovoditeli: D. I. Riabchikov, IA. P. Gokhstein. Moskva, In-t geokhimii i analiticheskoi khimii AN SSSR, 1960. 14 p.

2-(4-Chloro-2-phosphonobenzeneazo)-1, 8-dihydroxynaphthalene-3, 6-disulfonic acid (chlorophosphonazo I) as a reagent for the photometric determination of hexavalent uranium [with summary in English]. A. A. Nemodruk and others. Zhur. anal. khim. 16 no. 3. 292-298 My-Je '61.

URANIUM—METALLOGRAPHY

Changes in the microstructure of uranium under the effect of cyclic heat treatment. Part 2. R I Garber, S. IA Zalivadnyi, V. M. Mikhailovskii Fiz. met i metalloved 11 no 6 889-892 Je '61.

Investigating the structure of the primary oxide film on uranium A F Bessonov, B. S. Borisov, V. G. Vlasov. Fiz met i metalloved 11 no 6 959-960 Je '61.

Phase transformations in the oxidation of uranium metal A F Bessonov, V. G. Vlasov Fiz met i metalloved 11 no 6 957-959 Je '61

URANIUM—METALLURGY

"Metallurgy of rare earth metals, thorium and uranium" by A. N. Zelikman. Reviewed by V. A. Pazukhin. Izv. vys. ucheb. zav.; tsvet. met. 4 no. 2:169-170 '61.

URANIUM ORES

(see also subdivision under United States)

Effect of the composition of uranium ores on the gamma-ray spectrum as recorded by a scintillation spectrometer. A. G. Grammakov and others. Atom. energ. 10 no. 6:624-626 Je '61

Investigation of the effect of certain impurities on the oxidation of uranium in acid media. G. M. Nesmeianova, G M Alkhazashvili. Atom energ. 10 no 6:587-591 Je '61.

URANIUM OXIDES

Study of the higher oxides and peroxides of uranium by the isotopic method A I Brodskii, I F Franchuk Dokl. AN SSSR 138 no 6:1345-1348 Je '61.

URANYL IONS

Inhibiting effect of uranyl ions on the radiation-induced oxidation of divalent iron. V. G. Firsov Dokl. AN SSSR 138 no. 5:1155-1157 Je '61.

Kao Ts-Ai-shêng. [Studies of the kinetics of uranyl-ion electrochemical reactions in mineral acids in connection with the development of the quantitative determination of uranium in ores by oscillographic polarography. Author's resumé of dissertation for the degree of candidate of chemical sciences] Issledovanie kinetiki elektrokhimicheskikh reaktsii uranil-iona v mineral'nykh kislotakh v sviazi s razrabotkoi kolichestvennogo opredeleniia urana v rudakh metodom ostsillograficheskoi polarografii; avtoreferat dissertatsii na soiskanie uchenoi stepeni kandidata khimicheskikh nauk. Nauchnye rukovoditeli: D. I. Riabchikov, IA. P. Gokhshtein. Moskva, In-t geokhimii i analiticheskoi khimii AN SSSR, 1960. 14 p.

URANYL NITRATE

Solubility isotherm for the system $UO_2(NO_3)_2$ - $Mg(NO_3)_2$ - H_2O at 0 and 25°. M. A. IAkimov, N. F. Nosova. Zhur. neorg. khim. 5 no. 3, 720-721 Mr '60.

URARTU

Melikishvili, G. A. [Urartu population of the northern provinces of Nairi and its role in the history of the ancient East] Naselenie severnykh chastei Nairi—Urartu i ego rol' v drevnevostochnoi istorii. Moskva, Izd-vo vostochnoi lit-ry, 1960. 17 p.

UREA

Effect of organic acids on the utilization of urea. I. S. Tronchuk. Visnyk sil'. hosp. nauky 4 no. 6:117-122 Je '61.

Production of melamine from urea. M. Mikhailov, Kh. Alaminov. Khim. prom. no. 5:319-325 My '61.

Transformation of urea in soil [with summary in English]. A. F. Kalinkevich. Pochvovedenie no. 4:114-117 Ap '61.

Using ammonium bicarbonate and urea in fattening young oxen H. IA. Hryhor'ieva. Visnyk sil'hosp. nauky 4 no. 7 110-111 Jl '61.

UREA AS FEED

Some indices of fat metabolism in cows following the feeding of urea and sodium sulfate [with summary in English]. V. I. Skorokhid. Ukr. biokhim zhur. 33 no. 3:379-384 '61

UREN DISTRICT—ROAD CONSTRUCTION

Road builders. Sel'. stroi. 15 no. 4:31 Ap '61.

URETER—SURGERY

Restoration of the prevesical division of the ureter [illegible] Ginzburg. Akush. i gin 37 no 1:90-91 '61

URETHANES

Foamed polyurethan sheets. G. Shonorov, V. Shlorov. Na stroi Ros. no 4 31 Ap '61.

URGUT DISTRICT—SOILS

Natural conditions and soils of the Aman-Kuton area M A. Mirzhanov Dokl TSKhA no 63 165-167 '61

URINE—ANALYSIS AND PATHOLOGY

Acceleration of urine mineralization in examination for lead. S. N. Tiukhteneva. Gig. i san 26 no. 1:63-65 Ja '61.

Amount of vitamin C in the urine of patients with scleroma before and following compound treatment [with summary in English]. E. A. Evdoshchenko. Zhur. ush., nos. i gorl. bol. 21 no. 3:45-49 My-Je '61.

Excretion of allantoin with the urine in people of various ages [with summary in English]. P. V. Simukov Ukr. biokhim. zhur. 33 no. 3:385-391 '61

Urine color sedimentation reaction and the Quick-Patel test in lymphogranulomatosis. B. I. Rudyk. Vrach. delo no. 4:84-86 Ap '61.

URINE—RETENTION

Prolonged inhibition of voluntary urination after operation in relative urinary incontinence V P Pashkaba Akush. i gin. 37 no. 1 104-105 '61

URINE—SECRETION

Accelidine, a new preparation for the treatment of postoperative atony of the intestines and urinary bladder. K. A. Zaitseva, M. D. Mashkovskii. Med. prom. 15 no. 5:42-44 My '61.

Mechanism of action of acetylcholine on urination. P Pakhmurnyi Fiziol zhur. 47 no. 4:479-482 Ap '61

Mechanism of the action of salsoline on urination [with summary in English]. B. A. Pakhmurnyi. Farm. i Tok. 24 no. 2, 204-207 Mr-Ap '61.

UROPEPSIN

Influence of high external temperature and solar radiation on the excretion of uropepsin. G F Korol'kov Med zhur Uzb. no 5 34-38 My '61.

URTICARIA

Urticaria. V. IA. Arutiunov. Zdorov'e 7 no. 7:30 Jl '61

USA VALLEY—MANGANESE ORES

Some problems in the geochemistry of the Usa manganese deposit (Kuznetsk Ala-Tau). I. M. Varentsov. Dokl. AN SSSR 138 no. 5 1175-1178 Je '61.

USHAKOV, NIKOLAI NIKOLAEVICH, 1899-

Always an eyewitness ("Tale of the fleeting years" by Nik. Ushakov. Reviewed by B. Komanovskii). Vokrug sveta no. 6:59-60 Je '61.

USMAN' REGION—OWLS

Migration of the tawny owl in Voronezh Province. I. L. Semago. Ornitologiia no 3.173 '60.

USPENSKII, GLEB IVANOVICH, 1843-1902

[G. I. Uspenskii in Russian criticism] G. I. Uspenskii v Russkoi kritike. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 523 p.

USSURI VALLEY—LAND SETTLEMENT

Migration of peasants to the southern Ussuri Valley from 1883-1893. S A. Urodkov Uch zap. LGU no 330-157-200 '59.

UST'-KAMENOGORSK—CONSTRUCTION INDUSTRY—FINANCE

Introduce industrial methods in agricultural construction P. Shein. Nar. khoz. Kazakh. 19 no. 6:89-90 Je '61.

UST'-KAMENOGORSK—NONFERROUS METAL INDUSTRIES

Increasing the output and the quality indices in the production of zinc and cadmium at the Ust'-Kamenogorsk Lead and Zinc Combine. N. IA. Byrdin. Trudy Ast GMNII AN Kazakh. SSR 9:196-200 '60.

UST'-TAL'KINO—CRANIOMETRY

Anthropolgocial features of skulls from the Ust' Tal'kino mound, Lake Baikal region. I. I Gokhman Arkheol sbor. 1:85-89 '59.

UST'-TAL'KINO—MOUNDS

Anthropological features of skulls from the Ust' Tal'kino mound, Lake Baikal region. I. I Gokhman. Arkheol sbor. 1:85-89 '59.

NKU VALLEY—GEOLOGY, STRATIGRAPHIC
ge of mesozoic deposits in basins of the Usunku River nd the lower course of the Molodo River (lower eaches of the Lena River). Z V. Koshelkina Inform iul NIIGA no. 18 35-40 '60

RUS
creasing the contractile capacity of the uterus in cesa- ean section M O. Shylko. Ped., akush i gin. 23 o 1 51-53 '61.

scular reaction and temperature in the uterus follow- ng inhalation of oxygen, carbogen, and ether. I I enedyktov Ped , akush i gin. 23 no 1,45-47 '61

RUS—ABNORMITIES AND DEFORMITIES
inical and roentgenological picture of atresia of the terine cavity. E S Kononova. Akush i gin 37 no 1 2-75 '61

RUS—CANCER
mparative evaluation of the results of treating cancer f the cervix uteri with radioactive cobalt and radium- hesothorium [in Azerbaijani with summary in Russian]. .. E Allakhverdieva. Azerb. med. zhur. no 6 59-64 e '61.

RUS—HEMORRHAGE see Hemorrhage, Uterine

RUS—RUPTURE
terorrhexis at the site of a previous cesarean section. . F. Drobenia Zdrav. Bel 7 no 5 60-62 My '61

RUS—TUMORS
mplete hydatiform mole [with summary in English]. , P. Karpushin, V. P. Miroshnichenko, P. G. Soroka. ov. med. 25 no. 5 28-33 My '61.

eradnexal hysterectomy with preservation of the endo- metrial flap in the treatment of multiple fibroma of the terus. P Syrbu, I Bitnaru, V Peinescu Akush i in. 37 no. 1;76-79 '61.

rosis of fibromyoma of the uterus in pregnancy [with mmary in English]. V. A. Kuznetsov. Sov. med 25 5-139-132 My '61.

rine sarcomas [with summary in English]. B.I.Zhelez- ov. Sov. med. 25 no. 5:3-7 My '61.

PIAS
vikov, V. A. [Utopian socialism in Western Europe; lecture delivered at the Irkutsk Party School] Utopi- heskii sotsializm v Zapadnoi Evrope, lektsiia, prochi- annaia v Irkutskoi Vysshei partiinoi shkole. Moskva, zd-vo VPSh i AON pri TsK KPSS, 1961. 26 p.

EKISTAN—AGRICULTURE
ruggle of state farm and machine-tractor station work- rs of Uzbekistan to fulfill the first five-year plan Nurullaev Obshchestv. nauki v Uz. no. 4 50-52 '61.

EKISTAN—COMMUNISM
the transition of the Uzbek people toward the building f socialism bypassing the capitalist stage of develop- ment. O. P. Umurzakova. Obshchestv nauki v Uz. o 4 12-16 '61

EKISTAN—COTTON-PICKING MACHINERY
tton picking by machine. V. Antonov. Komsom. zhizn' o. 24:6-10 D '59.

EKISTAN—DESERT FLORA
fect of temperature on photosynthesis in some desert lants. S. F. Fazylova Uzb. biol zhur no 3;22-26 61.

EKISTAN—ECONOMIC CONDITIONS
the transition of the Uzbek people toward the building f socialism bypassing the capitalist stage of develop- ment. O.P. Umurzakova. Obshchestv nauki v Uz. o 4 12-16 '61.

EKISTAN—FIRES AND FIRE PREVENTION
ses have been cut by half. V. Parada. Pozh. delo 7 .6:24 Je '61.

EKISTAN—HEPATITIS, INFECTIOUS
ration of the course of infectious hepatitis under hot limatic conditions (southern Uzbekistan). P. N. IAkunin. led. zhur. Uzb. no. 5 40-42 My '61.

EKISTAN—HORSE BREEDS
nological study of Karabair horses D I. Kosolapov zb. biol. zhur. no. 3:68-71 '61.

EKISTAN—MEDICAL JURISPRUDENCE
gal medical evaluation of closed injuries of the thorac- cavity as revealed by data from the Office for Legal ledical Evaluation of the Ministry of Public Health of e Uzbek S. S. R. V. Akbarov. Med. zhur. Uzb. no. 5. 5-70 My '61.

EKISTAN—MEDICAL LIBRARIES
ference and bibliographical servicing of foreign scien- fic literature to medical workers in Uzbekistan K. G. nishova. Opyt rab. bibliot s inostr. lit. no 2-47-50 59.

EKISTAN—OPHTHALMOLOGY
th Republic Conference on Research and Practice of e Ophthalmologists of Uzbekistan. M. Kamilov. Med. hur. Uzb. no. 5-81-82 My '61.

UZBEKISTAN—ORE DEPOSITS
Nasledov, D. N. [Metallogeny of western Tien Shan and Uzbekistan] Metallogeniia Zapadnogo Tian'-Shania i Uzbekistana. Pod red. F. I. Vol'fsona. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1961. 328 p.

UZBEKISTAN—ORTHOPEDIA
Traumatologic and orthopedic care provided by the air- borne public health service in the Uzbek S. S. R. A. Sh. Shakirov, E. M. Kladova. Med. zhur. Uzb. no. 1;74-75 Ja '61.

UZBEKISTAN—PLANTS, PROTECTION OF
Contribution of the Uzbek youth. M. Ibragimov. Zashch. rast. ot vred. i bol. 5 no. 1;8-9 Ja '60.

UZBEKISTAN—RELATIONS (GENERAL) WITH RUSSIA
Interrelationship of Uzbek and Russian music during the prerevolutionary period. T. S. Vyzgo Obshchestv. nauki v Uz. no 4 42-47 '61.

UZBEKISTAN—REVOLUTION, 1917-1921
New book on the history of the civil war in Uzbekistan ("Studies on the history of the civil war in the Fergana Valley" by Sh A Shamagdiev Reviewed by Kh Sh Inoiatov, R. A. Nurullin) Obshchestv nauki v Uz. no 1 59-60 '61

UZBEKISTAN—RUSSIAN NEWSPAPERS
Encouragement of the new methods of work. Part. zhizn' no. 14;67-70 Jl '61.

UZBEKISTAN—TRACK ATHLETICS
Investigation of the time of motor reactions in track ath- letes under the climatic conditions of Uzbekistan A S Shatalina, M. N. Gabaidullina. Probl. psikhol sporta no. 1;125-137 '60.

UZBEKISTAN—TUBERCULOSIS
Republic meeting and conference of the phthisiologists of Uzbekistan A. M. Volokhvienskii Med zhur. Uzb. no. 5 82-84 My '61

VACATIONS, EMPLOYEE
In the Institute of State and Law of the Academy of Sciences of the U S S. R Sots trud 6 no. 5 148-150 My '61
On preserving continuous work status, giving the right for an additional three-day annual leave, in transfering workers to permanent work in other enterprises. Biul Gos kom po vop. truda i zar. platy no 1 78 '61

VACCINATION
(see also subdivision under Great Britain)
Aerosol immunization with dry live vaccines and ana- toxins Part 4 Characteristics and dynamics of the vaccinal process following aerosol vaccination with brucellosis, tularemia, anthrax and plague dust vac- cines [with summary in English] N. I. Aleksandrov and others Zhur mikrobiol epid i immun. 31 no 12 38-44 D '60
Clinical immunological indices during biomycin, pentovyl, and vaccine therapy for patients with acute dysentery [with summary in English]. S. T. Nadzhimitdinov. Zhur. mikrobiol epid. i immun 32 no. 2;21-25 F '61
Effect of immunization on the lysozyme content of saliva in animals. A. M. Monaenkov, IU. B. Ostrovskii. Dokl. AN SSSR 138 no. 5;1238-1240 Je '61.
Effect of novocaine on the vaccination reaction and anti- body production in immunization with a tetravaccine; author's abstract. Ting Fon-hua. Zhur. mikrobiol. epid. i immun. 32 no. 2;106 F '61.
Further consideration on the accumulation of antibodies in the blood after remote revaccination. D. F. Pletsityi. Zhur. mikrobiol. epid. i immun. 32 no. 1;149-152 Ja '61.
Immuno reactivity of rabbit producers of hemolysin in repeated immunization [with summary in English]. N. O. Sukhova Zhur. mikrobiol. epid. i immun. 32 no. 1;133-136 Ja '61.
Protective effect of preliminary vaccination on antibody formation following total-body X-ray irradiation [with summary in English] M. I. Ravich-Shcherbo, L. G. Prokopenko. Zhur mikrobiol. epid i immun 31 no. 12;68-74 D '60.

VACCINES
Aerosol immunization with dried living vaccines and toxoids. Report No 5: Study of morphological changes during aerosol immunization with some dust vaccines [with summary in English] N. E. Gefen, G. IA. Gordon. Zhur. mikrobiol. epid. i immun. 32 no. 1;40-46 Ja '61.
Associated vaccine in preventing poliomyelitis, diphthe- ria and tetanus [with summary in English]. O. G. Andzhaparidze, Z. F. Zubova. Zhur. mikrobiol. epid. i immun. 31 no 12 55-59 D '60
Data on reactogenic properties of polyvaccines not containing a cholera component [with summary in English]. M. I. Khazanov, L. B Kheifets, L. V. Salmin. Zhur. mikrobiol. epid. i immun. 31 no 12;59-64 D '60.
Data on the epidemiological effectiveness of divaccine and polyvaccine from the Gamaleia Institute of Epi- demiology and Microbiology and of NIISI polyvaccine in relation to typhoid and paratyphoid B fevers [with summary in English]. K. I. Liuksemburg. Zhur. mikro- biol epid. i immun. 32 no. 6-111-115 My '61.
Distribution of the bacteria of vaccines in the body of guinea pigs vaccinated epicutaneously with associated vaccine agains plague, tularemia, and brucellosis [with summary in English] V G Pilipenko, M A Miroshni- chenko, A M. Poliakova Zhur mikrobiol. epid i immun. 32 no 1;46-51 Ja '61
Flocculation reaction as a method for determination of complete antigens of microbes of the intestinal group in the NIISI polyvaccine [with summary in English] V. A Krestovnikova, V I Zhurbina. Zhur mikrobiol. epid i immun 31 no. 8;98-101 Ag '60
Immunization with tetratoxoid against wound infections [with summary in English] A I Ugleva, I M Khaus- tova, V O Rozhdestvenskaia Zhur mikrobiol epid. i immun. 31 no. 8 75-79 Ag '60.
Immunological effectiveness and reactogenic properties of a polyvaccine containing novocaine [with summary in English] L B Kheifets, M. I. Khazanov, S K Kanarei- kina. Zhur. mikrobiol epid. i immun 32 no. 2,101-106 F '61.
Principles of the development of live vaccines [with sum- mary in English] B IA. Elibert Zhur mikrobiol epid. i immun 31 no. 8;5-7 Ag '60.
Reactivity of a new divaccine (against typhoid fever and paratyphoid B) of the Gamaleia Institute of Epidemiol- ogy and Microbiology at the Academy of Medical Sciences of the U S. S. R. [with summary in English] K. I Liuksemburg Zhur mikrobiol epid i immun 32 no 4 108-112 Ap '61
Use of an indirect method for staining P. pestis with fluorescent antibodies Report No 1: Specificity of staining and morphological characteristics of plague vaccine cells [with summary in English]. A. A. Sinits- kii and others. Zhur. mikrobiol epid. i immun. 31 no. 11,35-39 N '60.

VACUUM APPARATUS
Vacuum switch with a single regulating handle. D. V. Fetisov, B. I. Pochtarev, A. N. Kobanov. Izv. AN SSSR. Ser. fiz. 25 no. 6;776-779 Je '61.

VACUUM METALLURGY
Effect of the technology of smelting, vacuum treatment, and pouring of chromium-aluminum steel on the pre- sence of spotty segregation. A T Perevlazko, N M. Chuiko. Izv. vys. ucheb zav ; chern. met 4 no 6;12- 52 '61.
Recovery of selenium and tellurium from certain industri- al products by sublimation in vacuum. R. A. Isakova, V. N. Nesterov. Trudy Inst. met. i obogashch. AN Kazakh. SSR 3;124-133 '60.

VACUUM METALLURGY—EQUIPMENT AND SUPPLIES
Vacuum refining of metals in a continuous action column. V. S. Estutin. Trudy Inst. met. i obogashch. AN Kazakh. SSR 3;184-199 '60.

VAGINA
Colpocytological changes in a full-term newborn girl during the first 10 days of life. S Dukomov Akush i gin. 37 no. 1;37-39 '61.

VAGINA—DISEASES
Treating trichomonal colpitis with gastric juice I. V. Movchan. Ped., akush. i gin. 23 no 1,64 '61.

VAGINA—SURGERY
Transabdominal vesical flap method for closing a vesi- covaginal fistula. M. N. Zil'berman Akush i gin. 37 no. 1;91-93 '61.

VAGUS NERVE—SURGERY
Gastric changes following vagotomy. V. A. Titkova. Arkh. pat. 23 no. 4;49-54 '61.

VAKH VALLEY—FORAMINIFERA, FOSSIL
Microfaunal characteristics of the upper Cretaceous sediments in the Vakh Basin [with summary in English]. V. I. Gudina. Geol. i geofiz. no. 5.52-56 '61.

VAKH VALLEY—GEOLOGY, STRATIGRAPHIC
Sedimentary formations of the upper Cretaceous and Paleogene in the Vakh Basin[with summary in English]. I. I. Zadkova, A. V. Ivanovskaia, E. S. Rabikhanukaeva. Geol. i geofiz. no. 5;39-51 '61.

VALLEYS
Using geophysical methods for studying burried narrow valleys in rocks. V. S. Polevoi. Biul. MOIP. Otd. geol. 34 no. 5;160-161 S-O '59.

VALUE
Price and the law of value in a socialist economy. S. Pervushin. Plan. khoz. 38 no. 7;21-30 Jl '61.

VANADIUM CHLORATE
Complex formation in the system VO^{2+} - CNS - solvent. A. M. Golub, R A. Kostrova. Zhur. neorg. khim. 5 no. 3;726-730 Mr '60.

VANADIUM-COPPER ALLOYS see Copper-vanadium alloys

VANADIUM-MOLYBDENUM-TITANIUM ALLOYS see Titanium-vanadium-molybdenum alloys

VANADIUM-NICKEL ALLOYS see Nickel-vanadium alloys

VANADIUM OXIDE
Surface tension and density of alloys containing oxides of lead, vanadium, and silicon B M Lepinskikh, O. A. Esin, G A Teterin Zhur neorg khim 5 no 3 642-648 Mr '60

VANADIUM SALTS
Determination of diazophenols by reduction with divalent vanadium salts. A. A Nemodruk, V F Orekhko. Izv. vys ucheb. zav., khim i khim. tekh. 3 no. 2 316-319 '60.

VANADIUM STEEL—HEAT TREATMENT
Transformations in vanadium-manganese steel during electric tempering V. N Gridnev, V. G Nechiporenko. Izv vys. ucheb zav , chern. met. 4 no 6,111-118 '61

VANADIUM-TIN ALLOYS see Titanium-vanadium alloys

VANDAM REGION—GEOLOGY, STRUCTURAL
Tectonics and basic stages of the development of the Vandam anticlinorium (southeastern Caucasus). I A. Voskresenskii. Izv. vys. ucheb. zav., geol. i razv. 2 no. 12 55-68 '59.

VAPOR PRESSURE
Measurement of the pressure of saturated cesium chloride vapor by means of radioactive tracers. A. N Nesmeianov, L. A. Sazonov. Zhur. neorg. khim. 5 no. 3 519-521 Mr '60.

VARIATION (BIOLOGY)
Chemical mutagenesis. S I Alikhanian Zhur. VKHO 5 no 3 285-292 '61.

VARICOCELE
Comparative evaluation of some surgical interventions in varicocele. V. N. Dunchik. Zdrav. Tadzh. 8 no. 3 12-16 My-Je '61.

VARNISH AND VARNISHING
Method for determining the blackness of the coats of varnish. V D. Zaitseva and others Kauch i rez 20 no. 6:47-49 Je '61.
New paint and varnish materials. M. Gordonov. Na stroi. Ros. no 4:34 Ap '61.
Replacing hydrolysis alcohol with synthetic alcohol in the production of spirit varnishes for furniture M. D. Bodnia and others. Lakokras. mat. i ikh prim. no. 3:65-66 '61.

VASHCHENKO, KONSTANTIN IL'ICH, 1901-
Konstantin Il'ich Vashchenko's sixtieth birthday. Lit. proizv. no. 3:40 Mr '61.

VASIL'EV, V. P.
Academician V. P. Vasil'ev. Zasheh. rast. ot vred. i bol. 5 no. 1:61 Ja '60.

VASOMOTOR DRUGS
Mechanism of the action of salsoline on urination [with summary in English]. B. A. Pakhmurnyi. Farm i toks. 24 no. 2.204-207 Mr-Ap '61.
Pharmacotherapeutic investigation of the preparation, "kordin." A. I. Bondarenko and others. Vrach. delo no. 4:32-36 Ap '61.

VASOMOTOR NERVOUS SYSTEM see Nervous system, vasomotor

VASYUTINA (MOSCOW PROVINCE)—EDUCATION, ELEMENTARY
Adopt this practice. L. Moskvina. Nar. obr. no. 6:49-52 Je '61.

VAVILOV, SERGEI IVANOVICH, 1891-1951
Akademiia nauk SSSR. Sergei Ivanovich Vavilov, 1891-1951. Izd. 2., dop. Vstup. stat'ia V. L. Levshina. Bibl. [illegible]

VEGETABLES
Chemical composition of little-known vegetable crops. V. D Brumshtein. Biokhim pl i ovoshch no. 6 137-145 '61.
New salad plants B N Usovskii Priroda 50 no 7 116-117 Jl '61.
Vegetables K. S. Petrovskii Zdorov'e 7 no. 7:25-26 Jl '61.

VEGETABLES—DISEASES AND PESTS
(see also subdivision under Irkutsk Province)
Osnitskaia, E. A., and B. A. Gerasimov. [Control of vegetable diseases and pests outdoors] Bor'ba s vreditelami i boleznjami ovoshchnykh kul'tur v otkrytom grunte. Izd. 2 , dop. Moskva, Izd-vo M-va sel' khoz. RSFSR, 1960. 28 p.
(DA)
Some little-known pests of farm crops in Eastern Siberia N G. Dzholova, E V Pollakova Trudy Vost -Sib. fil. AN SSSR no 23 11-43 '60

VEGETABLES—FERTILIZERS AND MANURES
(see also subdivision under Apsheron Peninsula)
Biochemical characteristics of vegetable crops and potatoes grown on flood lands. P. A. Vlasiuk. Biokhim. pl. i ovoshch. no. 6:100-121 '61.
Single and mixed fertilizers for vegetables A V. Peterburgskii. Doklady TSKhA no 57 125-131 '60

VEGETABLES—STORAGE
Speranskii, V. G. [Biological principles of the keeping quality of fruits and vegetables] Biologicheskie osnovy sokhraniaemosti plodov i ovoshchei. Moskva, Gos. izd-vo torg. lit-ry, 1961 120 p.
Usaliuk, M. K. [Storing vegetables] Opyt khraneniia ovoshchei. Moskva, Gos. izd-vo torg. lit-ry, 1961. 85 p.
We keep potatoes and vegetables in snow mounds I. Garkavyi. Tyl i snab Sov. Voor Sil 21 no 2:89-90 F '61.

VEHICLES, MILITARY
Electrically equipped vehicle training course I. Beliaev, N. Aliab'ev. Tyl i snab. Sov Voor. Sil 21 no 1 70-75 Ja '61

VEHICLES, MILITARY—COLD WEATHER OPERATION
Operation of machinery under severe climatic conditions. G. Krivosheenko Tyl i snab. Sov. Voor. Sil 21 no 2. 70-74 F '61.

VEINS—DISEASES
Clinical aspects and surgical treatment of acute and chronic thrombophlebitis of the superficial veins of the lower extremities. F. M. Gadzhiev. Azerb. med. zhur. no. 6: 43-51 Je '61.

VELIKIYE LUKI—EVENING AND CONTINUATION SCHOOLS
New trends. N. Erosh. Nar. obr. no. 7:79-84 Jl '61.

VENA CAVA
Significance of measuring pressure in the inferior vena cava during its ligation in patients with circulatory insufficiency in cardiac defects. IA. D. Vitebskii, B. P. Vorob'ev. Eksper. khir. 4 no. 6:45 N-D '59.

VENEREAL DISEASES
"Diseases of the mucous membrane of the oral cavity in skin and venereal diseases" by B. M. Pashkov. Reviewed by V. M. Foderman. Zhur. ush., nos. i gorl. bol. 21 no. 2:91-93 Mr-Ap '61.

VENOM
[illegible] ity of the venom of some snakes [with [illegible]glish] I. I. Nikol'skaia Biokhimiia 34 My-Je '61.

[illegible])LOGICAL EFFECT
[illegible]dritis of the concha auriculae following a [illegible], D. Kazhlaev, M. R. Rasulova. Zhur. [illegible]'l. bol. 21 no. 2:72-74 Mr-Ap '61.

[illegible]n conduits. Stroi. i arkhit. 9 no. 5:

[illegible]ion of grain. V. I. Antakin. Mekh. i [illegible]s. 19 no. 3:60-64 '61.

[illegible]nits and permissible noise levels in [illegible]. I. K Razumov. Vod. i san. tekh. [illegible]il.

[illegible]rption in a Venturi-type apparatus. [illegible]'. I. Oratovskii. Izv. vys. ucheb. zav.; [illegible] 4 no. 1:142-147 '61.

[illegible]EL'FRIDA DAVYDOVNA, 1890-
[illegible])avydovna Venus-Danilova; on the [illegible]sary of her birth. A. A. Petrov, L. A. [illegible]TI no. 60:227-235 '60.

[illegible]is of the structure of the atmosphere [illegible]mmary in English]. D. IA. Martynov, [illegible]. Astron. zhur. 38 no. 3:558-561

The planet Venus. L. Samsonenko. IUn. tekh. 5 no. 3: 21-24 Mi '61.

VENUS (PLANET)—SPECTRA
Riddle of the "morning star." N. A. Kozyrev Nauka i zhizn' 28 no 5 27-28 My '61

VENUS PROBES
From the Earth to Venus V P. TSesevych Volov ateist no 3 24-26 Mr '61
Soviet pennant is flying to Venus. Az. i Afr. seg. no. 3:1 Mr '61.

VERKHNE-KOLYMSK DISTRICT—GLACIOLOGICAL RESEARCH
Formation of subdrift ice in Verkhne-Kolymsk District N. T. Kamenkhin Sov. geol 4 no. 6 118-119 Je '61.

VERKHOYANSK RANGE REGION—AMMONOIDEA
First ammonoids from Permian deposits of the Verkhoyansk area V E. Ruzhentsev Paleont. zhur no 2 50-63 '61

VERMISHEV, ALEKSANDR ALEKSANDROVICH, 1879-1919
The author of "Red truth." L. Tamashin. Vop. lit. no. 11:186-191 N '59.

VERNALIZATION
Effect of vernalization on the setting of potato berries V. D. Volkov Visnyk sil'hosp. nauky 4 no 5:100-101 My '61

VERTEBRAE—SURGERY
Surgical approaches to the intervertebral nodes of the cervical and thoracic segments in dogs. G. A. Miamlina, V. N. Gerasimenko, R. S. Voronisov. Eksper. khir. 4 no. 6:49-50 N-D '59.

VERTEBRATES, FOSSIL
Orlov, IU. A. [In the world of the ancient animals, studies in vertebrate paleontology] V mire drevnikh zhivotnykh; ocherki po paleontologii pozvonochnykh. Izd-vo Akad. nauk SSSR, 1961. 199 p.

VESELOVSKII, BORIS BORISOVICH, 1880-1954
Boris Borisovich Veselovskii, 1880-1954. P. V. Sytin. Vop. geog. no. 51:189-190 '61.

VESTIBULAR APPARATUS
Interrelation of the vegetative nervous system and the vestibular apparatus [with summary in English] IA. Zelenka. Zhur. ush., nos. i gorl bol. 21 no 1:27-31 Ja-F '61.

VETCH—FERTILIZERS AND MANURES
How the placement of organic fertilizers at different depths affects the yields of winter rye and vetch-oat mixtures on sandy soils of the non-Chernozem zone A. E. Osin Dokl. TSKhA no. 60:61-67 '61.

VETERINARY ANATOMY
Akaevskii, A. I., D. IA. Krinitsin, and P. I. Melekhin. [Anatomy and physiology of farm animals] Anatomiia i fiziologiia sel'skokhoziaistvennykh zhivotnykh. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 287 p. (Uchebniki i uchebnye posobiia dlia sel'skokhoziaistvennykh tekhnikumov)

VETERINARY EMBRYOLOGY
Rare case of multiple pregnancy in a cow. F V. Stmenov. Priroda 50 no. 7:113 Jl '61.

VETERINARY MATERIA MEDICA AND PHARMACY
Mozgov, I. E. [Pharmacology; manual for veterinarians] Farmakologiia; rukovodstvo dlia veterinarnykh vrachei. Izd. 3., perer. i dop. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 583 p.
(DA)

VETERINARY MEDICINE
Zhukov, G. V. [Paratyphoid in young farm animals] Paratif molodniaka. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 136 p.
(DA)

VETERINARY OBSTETRICS
Dry method of separating the placenta in high-yielding cows. V I. Rubtsov Dokl. TSKhA no. 61-103-108 '61

VETERINARY PARASITOLOGY
Recent trends in controlling parasitic diseases in farm animals. M. D. Kl'osov. Visnyk sil'hosp. nauky 4 no. 5:80-85 My '61.

VETERINARY PHYSIOLOGY
Akaevskii, A. I., D. IA. Krinitsin, and P. I. Melekhin. [Anatomy and physiology of farm animals] Anatomiia i fiziologiia sel'skokhoziaistvennykh zhivotnykh. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 287 p. (Uchebniki i uchebnye posobiia dlia sel'skokhoziaistvennykh tekhnikumov)

VETERINARY RESEARCH
Conference on the co-ordination of veterinary research. G. Vasil'kov. Vest. sel'khoz. nauki 6 no. 6:152-155 Je '61.

VETKA DISTRICT—AGRICULTURAL ADMINISTRATION
We make greater use of progressive experience. I. Belogub. Komm. Bel. 35 no. 3:37-40 Mr '61.

VIBRATED CONCRETE—CONGRESSS
Vibration mixing of concrete mixtures. V. Bulakovskii. Stroi. i arkhit. 9 no. 5:37-38 My '61.

VIBRATION
Approximate equations of the bound vibrations of water and a ship in the chambers of transporting ship elevators and sluices O. F. Vasil'ev Dokl AN SSSR 136 no 6,1309-1312 Je '61
Damping of natural vibrations caused by bending and torsion A. P. Potemkin Vest mash 41 no 6:15-17 Je '61.
Determining the function of energy dissipation of a vibrating system with many degrees of freedom [with summary in English] P. M Senyk Prykl mekh 7 no 3 253-257 '61
Investigating dynamics and stability of vibration-impact systems. R. E. Brunshtein, A E Kobrinskii. Trudy Inst. mash. Sem po teor mash. 21 no. 83-84 46-54 '61.
Investigating the vibratory motion of a two-mass system in the presence of collisions [with summary in English] P. I Halaka Prykl mekh 7 no 3,258-265 '61
Investigating vibrations of a mechanical system with two degrees of freedom considering energy dissipation in elastic elements [with summary in English] IU O Kilfk Prykl. mekh 7 no 3 239-252 '61
Limited application of the correction of Newton's method to the determination of the period and form of a natural vibration process S. G Kisilitsyn, Trudy Inst. mash. Sem. po teor. mash 21 no. 83-84 55-56 '61
Study of the causes of vibration in the engine building of a hydroelectric power station. P. A. Gutidze. Gidr. stroi. 31 no. 5:7-11 My '61.
Theory of longitudinal vibrations of a system of material points connected with springs [with summary in English]. M. O Kil'cheva'kyi, A kh konstantynov, O P Protzenko. Prykl mekh. 7 no 3 233-238 '61
Using the Poincaré method in investigating unsteady vibrations. V. F. Bakhmutskii. Izv. AN SSSR. Otd tekh. nauk. Mekh. i mashinostr. no. 3:84-90 My-Je '61.

VIBRATION—PHYSIOLOGICAL EFFECT
Characteristics of recoil and vibration in certain pneumatic hammers A I. Kovalenko Trudy LSGMI 61:58-67 '60
Conditions of the higher nervous activity in mold breakers [with summary in English]. G I. Zuev Trudy LSGMI 61 91-96 '60
Disorders in the relationship between analyzers and changes in the lability of the neuromuscular apparatus in reinforced concrete moulders E. TS. Andreeva-Galanina, Z. M Rutkovskaia. Trudy LSGMI 61:151-156 '60.
Effect of general vertical vibrations on arterial blood pressure and pulse. A F Lebedeva, Tsiui Chzhun-sian [Ch'u Chung-hsiang] Trudy LSGMI 61:175-182 '60
Effect of general vertical vibrations on certain physiological functions in man [with summary in English] Tsiui Chzhun-sian [Ch'u Chung-hsiang] Trudy LSGMI 61:158-167 '60
Effect of general vertical vibrations on the level of oxygen requirement in rats [with summary in English]. S. I. Karchmazh Trudy LSGMI 61 168-174 '60.
Effect of vibration and noise on the functional condition of the motor analyzer [with summary in English]. A. I. Vozhzhova, A. F. Lebedeva. Trudy LSGMI 61.102-111 '60.
Effect of vibrations on certain characteristics of the flexor reflex [with summary in English]. N. I. Galat Trudy LSGMI 61:29-36 '60.
Electrocardiographic data on vibration sickness [with summary in English]. V.G. Artamonova Trudy LSGMI 61:77-85 '60.
Etiology and pathogenesis of osteoarticular changes in vibration disease E. TS. Andreeva-Galanina Trudy LSGMI 61:7-15 '60
Gastrointestinal conditions in vibration sickness [with summary in English]. V. G. Artamonova. Trudy LSGMI 61:73-76 '60.
Hygienic evaluation of the vibration factor in working marble [with summary in English]. A. V. Tarasova. Trudy LSGMI 61:125-131 '60.
Hygienic evaluation of the vibration factor in working with pneumatic rams [with summary in English]. A. M. Mikulinskii. Trudy LSGMI 61.132-139 '60.
Hygienic working conditions in machining large dies with pneumatic tools [with summary in English]. F. F. Gorbachevskii. Trudy LSGMI 61:112-117 '60.
Modification of the thermoregulatory reflex in various stages of vibration sickness, preliminary report [with summary in English]. IU. S. Koriukaev. Trudy LSGMI 61:68-72 '60.
Nonspecific manifestations of the effect of vibrations on the organism [with summary in English] L. IA. Burlova. Trudy LSGMI 61 49-57 '60.
Occupational hygienic characteristics in polishing rings for torsion machines [with summary in English]. I. B. Shagan. Trudy LSGMI 61:116-124 '60.
On hearing functions in mold breakers [with summary in English]. G. I. Zuev. Trudy LSGMI 61:97-101 '60.
Physiological analysis of the effect of vibrations on the organism [with summary in English] L. V. Donskaia, M. F. Stoma. Trudy LSGMI 61:37-48 '60.
Roentgenokymographic studies on the functional condition of the heart in mold breakers [with summary in English] A I. Kareva. Trudy LSGMI 61 85-90 '60
Some biochemical and morphological data from a study on the effect of local vibrations on the osteoarticular apparatus [with summary in English] L. Ch Minetskii. Trudy LSGMI 61:16-28 '60

VIBRATORS
Combined operation of several synchronous mechanical vibrators. I. I. Blekhman. Trudy Inst. mash. Sem. po teor mash. 21 no 83-84,41-45 '61.
Interaction of a vibrator and a bounded liquid medium. I. A. Kunin, V. F. Khon. PMTF no. 2:144-146 Jl-Ag '60.
Manufacturing reinforced concrete pipes by vibration molding. I I Mamontov Stroi. i arkhit Len 23 no. 5:28-30 My '61
New vibration mechanisms. Gidr. stroi 31 no. 5:45 My '61.
Power vibration roller. V. Riabchenko, L Nepomniashchii. Na strol. Ros. no 3:19-22 D '60.
Using differential vibrators with twisting vibrations for working frozen soils and hard rock S. A Pankratov Stroi. i dor. mash. 6 no. 5 13-15 My '61.
Vibrational metal deformation with limited widening. M. IA. Karnov. Kuz.-shtam. proizv. 3 no. 3:16-18 Mr '61.

VIBRIO
Water-borne Vibrio in Kola Bay [with summary English]. F I Spevak Zhur. mikrobiol. epid. i immun. 32 no. 3, 115-120 Mr '61.

VIBRIO COMMA
Increasing the virulence of Vibro cholerae by means of passage in animals with lower defense reactions [with summary in English] R. I. Kotliarova, A P. Ledovskaia Zhur. mikrobiol epid. i immun. 32 no. 2:80-83 F '61.

VICHUGA—TEXTILE INDUSTRY
Designers and public workers form brigades. I. Maslov, A. Kozlov. NTO 3 no. 6:43-44 Je '61.

VIETNAM, NORTH—BAUXITE
Bauxite-bearing region in North Vietnam [with summary in English]. M. V. Chebotarev, Bui Fu Mii Sov geol 4 no. 6 79-89 Je '61

VIETNAM, NORTH—CHIGGERS (MITES)
Trombiculid mites of the genera Doloisia Oudemans, 1910 and Traubacarus Audy et Nadchatram, 1957 (Acariformes, Trombiculidae) from North Vietnam. E. G. Shluger and others. Ent. oboz. 40 no. 2.446-453 '61.

VIETNAM, NORTH—ECONOMIC CONDITIONS
First five-year plan of Vietnam. Az. i Afr. seg. no. 3:31 Mr '61.

VIETNAM, NORTH—FOREIGN RELATIONS
Our contacts and our foreign policy. Pham Van Dong Nov vrem. 10 no 20-4-5 Jl '61

VIETNAM, NORTH—HISTORICAL RESEARCH
Work of the Institute of History of the Democratic Republic of Vietnam. Phan-gia-Bèn. Vop ist. no 6:198-199 Je '61.

VIETNAM, NORTH—JOURNALISM
Hanoi! It's close by. M. Melencvskaia. Sov. pech. no. 7: 49-50 Jl '61

VIETNAM, NORTH—TRADE UNIONS—CONGRESSES
Second Congress of the Vietnam General Confederation of Labor. Georges Gliste're. Vsem. prof. dvizh. no.5: 24-26 My '61

VIETNAM, SOUTH—LABOR AND LABORING CLASSES
South Vietnam: The laboring class intensifieds its struggle. I. Shchedrov. Az. i Afr. seg no. 5:16 My '61.

VIETNAM, SOUTH—POLITICS AND GOVERNMENT
Events in Angola and South Vietnam. Az. i Afr. seg. no. 6:5-6 Je '61.
An outpost of the "free world." Nov vrem 19 no 29:19 Jl '61

VILNIUS—LIBRARIES
Information and foreign publications service for professors and teachers at the V. Kapsukas State Library at Vilnius. L I. Vladimirov Opyt rab bibliot. i inostr. lit no 2-30-39 '59

VILNIUS—REINFORCED CONCRETE
Large-panel housing construction in Vilnius. E. R. Levinas. Mekh. stroi. 18 no. 4:15-18 Ap '61.
Platinum in the bedrocks of the Vilyuy Basin I. F Lobanov. Sov. geol 4 no. 5:142 My '61.

VILYUYSK DISTRICT—SPEARS
A sword and spear from Yakutia. V. G. Borisov. Sov. arkheol. 5 no. 2:239-241 '61.

VILYUYSK DISTRICT—SWORDS
A sword and spear from Yakutia. V. G. Borisov. Sov. arkheol. 5 no. 2:239-241 '61.

VINCA see subdivision under Ukraine

VINNITSA—AIR—POLLUTION
Experience with sanitary air protection in Vinnitsa. M. B. Belaga, P. N. Maistruk. Gig i san 26 no 1 73-76 Ja '61.

VINNITSA PROVINCE—SUGAR BEETS
How to increase labor productivity on collective sugar-beet farms. N Naida. Ekon. Rad. Ukr. no. 3:05-01 My-Je '61.

VINOGRADOV, BORIS STEPANOVICH, 1891-1958
Boris Stepanovich Vinogradov G A Novikov Trudy Zool inst 29 7-21 '61

VINYL ACETATE
Preparation of a vinyl acetate copolymer with maleic anhydride, and study of its structuration processes. E. A. Volynskaia and others. Trudy LTI no. 60:210-217 '60.
Vapor-phase catalytic synthesis of vinyl acetate. R. M. Flid and others. Izv. vys. ucheb zav., khim. i khim tekh. 3 no. 2:343-351 '60.

VINYL ALCOHOL POLYMERS
Transvesical closure of a vesicocervical fistula with the aid of a plastic (polyvinyl alcohol) B S Gekhman Akush. i gin. 37 no 1 94-95 '61

VINYL COMPOUNDS
Comparative dienophile reactivity in the vinyl sulfide - vinyl sulfoxide - vinyl sulfone series E. N. Prilezhaeva, L. V. TSymbal, M. F Shostakovskii. Dokl AN SSSR 136 no. 5 1122-1125 Je '61.
Kinetics of copolymerization of acrylonitrile with some vinyl monomers Report No 2. V. S. Durnbaum, A. D. Abkin, V. S. Klimenkov Khim volok no 3 6-11 '61.

VINYL POLYMERS
Improvement of the technology and intensification of the manufacturing processes of "vinyflex" resins A Sarkisian, A Bardian. Prom Arm 1 no 4-28-31 Ap '61
VIRGIN TERRITORY—AFFORESTATION
Protective afforestation in the Virgin Territory. I. Shcherbin. Nar. khoz. Kazakh 19 no. 6:76-78 Je '61.

VIRGIN TERRITORY—AGRICULTURAL POLICY
Utilize virgin land potentials more fully. Ekon. sel'khoz. 32 no. 6-3-9 Je '61

VIRGIN TERRITORY—AGRICULTURE
Potentials of the Virgin Territory are inexhaustible. T Sokolov. Ekon. sel'khoz 32 no 6:10-15 Je '61
VIRGIN TERRITORY—AGRICULTURE—ECONOMIC ASPECTS
Utilize potentials of virgin land farms more fully. A. Bryzhin. Ekon sel'khoz 32 no. 2 11-16 F '61
VIRGIN TERRITORY—AGRICULTURE—LABOR PRODUCTIVITY
Ways of increasing labor productivity on virgin land state farms N Sokolov. Ekon sel'khoz 32 no 6:16-27 Je '61.

VIRGIN TERRITORY—CEMENT INDUSTRIES
Virgin Territory must have a cement industry of its own. S. Urshov. Nar. khoz. Kazakh. 19 no. 6 85-86 Je '61.

VIRGIN TERRITORY—CONSTRUCTION INDUSTRY
Creating the material and technical base for construction in the Virgin Territory. V. Netiaga, B. Sitkin. Ekon. stroi. no. 5:22-26 My '61.

VIRGIN TERRITORY—FARM MANAGEMENT
Utilize potentials of virgin land farms more fully. A. Bryzhin Ekon sel'khoz. 32 no. 2-11-16 F '61.

VIRGIN TERRITORY—FARM MECHANIZATION
Great progress. A. Mikhailov. Tekh. v sel'khoz. 21 no. 6:23-25 Je '61.

VIRGIN TERRITORY—MICE
The degree of resistance to water deficiency in some murine rodents of the steppe zone [with summary in English]. A L. German, Zool. zhur. 40 no. 6-914-921 Je '61.

VIRGIN TERRITORY—POULTRY BREEDING
Developing poultry breeding is the most important source for the increase of meat production on virgin land. A. Pak. Ekon. sel'khoz. 32 no. 6:71-74 Je '61.

VIRGIN TERRITORY—SHEEP
Main problems in the economics and organization of sheep breeding in the Virgin Territory. N. Legantseva. Ekon. sel'khoz 32 no 6.35-43 Je '61.

VIRGIN TERRITORY—SOILS
Effect of plowing on dark Chestnut soils in the central part of the Virgin Territory. A. P. Mershin, P. I. Savinov. Dokl. TSKhA no 63 113-119 '61.

VIRGIN TERRITORY—STATE FARMS
Distributing branches and farms on grain cultivating state farms in the Virgin Territory. M. Gendel'man. Ekon. sel'khoz. 32 no. 6:54-63 Je '61

VIRGIN TERRITORY—STATE FARMS—FINANCE

Main problems in the economics and organization of sheep breeding in the Virgin Territory. N Leganteeva. Ekon. sel'khoz 32 no 6:35-43 Je '61

VIRGIN TERRITORY—STOCK AND STOCKBREEDING

Great progress. A. Mikhailov. Tekh. v sel'khoz. 21 no. 6:23-25 Je '61.

VIRGIN TERRITORY—WATER SUPPLY, RURAL

Rural water supply in the Virgin Territory. I N. Prikazchikov Ved. i san tekh no 6 2-6 Je '61.

VIRILISM

Adrenogenital syndrome, survey of foreign literature. L. G. Tumilovich. Sov med 25 no. 5:22-28 My '61.

Diagnosis and therapy of the virilizing syndrome [with summary in English]. N. T. Starkova Sov. med 25 no. 5 16-22 My '61.

VIROLOGY

Problems of general and agricultural virology. K. S. Sukhov. Zashch. rast. ot vred. i bol. 5 no. 1:18-22 Ja '60.

VIRUS DISEASES

Effect of supraoptimal temperatures on the appearance of nuclear polyhedrosis in certain insects [with summary in English]. A E. Karpov. Vop. virus. 6 no. 2 223-226 Mr-Ap '61.

VIRUS DISEASES OF PLANTS
(see also subdivision under Soviet Central Asia)

Characteristics of the distribution of X virus and its effect on potato yields. A. K. Grigorian. Dokl. TSKhA no. 59 197-200 '60.

Lyophilic drying of sera specific for phytopathogenic viruses. B G. Bolarskii. Dokl. TSKhA no. 59.203-208 '60.

Problems of general and agricultural virology. K. S. Sukhov. Zashch. rast. ot vred. i bol. 5 no. 1:18-22 Ja '60.

VIRUS RESEARCH

Atom and virus. R. Salganik. Izobr. i rats. no. 6:17-18 Je '61

Thirteenth Session of the Ivanovskii Institute of Virology of the Soviet Academy of Medicine. P. N. Kosiakov. Vop. Virus. 6 no. 2 251-253 Mr-Ap '61.

VIRUSES

Establishment of two lines of transplantable kidney cells from adult sheep Report No. 3 Cultivation of ECHO, Coxsackie and adenoa viruses [with summary in English]. V. I. Gavrilov. Vop. virus. 6 no. 2 170-174 Mr-Ap '61.

Isolation of a viral agent (polyoma virus) from the tissue of hybrid mice (C57 X C3Hf) F, [with summary in English]. Z. I. Merckalova. Vop. virus. 6 no. 2:219-232 Mr-Ap '61.

Possible conversion of ribonucleic acid into desoxyribonucleic acid during the multiplication of the silkworm grasserie virus. L M Tarasevich, E F Ulanova TSitologiia 3 no. 3:334-340 My-Je '61.

"Viral etiology of human leukemias" by V. M. Bergol'ts, Reviewed by IA. E. Khesin, M. K. Karakusumchan. Vop. virus. 6 no. 2:241-242 Mr-Ap '61.

Virological examination of the air. G. S. IAkovleva, S. V. Shandurin Vop virus. 6 no. 2.236-237 Mr-Ap '61.

VISCOSE

Effect of different surface active agents on the deaeration of viscose and defoaming of a spinning bath. V. M. Alekseeva, E. A. Nikonova, V. A. Misgkov Khim volok. no. 3:30-33 '61.

Modified method for the complexonometric determination of components in precipitation baths. L. A. Vol'f, A. I Meos, S. A. Inkina Khim. volok. no. 3,33-35 '61.

Viscose ripening (from "Holzforschung," no. 4, 1960) Khim. volok. no. 3:75-76 '61.

VISCOSIMETER

Viscosimetry of polymer solutions. Part 1: Capillary viscometer with electronic recording of flow time [with summary in English] M. Krishevskii, B Palchinskii. Vysokom. soed. 3 no. 6:936-942 Je '61.

VISCOSIMETRY

Method for continuous viscosity measurement. A. I. Pridantsev, A. V. Rimashevskii, A. N. Solov'ev. PMTF no. 1:128-132 Ja-F '61.

VISCOSITY

Investigation of the viscosity of the ternary system water - ethanol - benzene in the critical region [with summary in English] V. P. Solomko, S. M. Smilun Dop. AN URSR no 5:649-651 '61

Using well test data for determining fictitious viscosity in order to calculate edge water drive of bubble point oil. I. D Amelin. Trudy VNII no. 10:296-302 '57.

VISES

Pneumatic clamping device for mechanical vises. V. K. Seminskii, P M. Khanokh, I. V. Borodin. Stan. i instr. 32 no 7:37 Jl '61.

VISION

Changes in the sensitivity to light and color of the human optic analyzer under the influence of inadequate short-term stimuli [with summary in English]. K. O Santrosian. Vop psikhol 7 no. 2:75-86 Mr-Ap '61.

Doubling of relation channels in the visual analyser. V D Glezer, I I TSukkerman Biofizika 4 no 5,620-621 '59

Effect of general vertical vibrations on certain physiological functions in man [with summary in English] Tsiui Chzhan-sian [Ch'n Chung-hsiang] Trudy LSGMI 61 159-167 '60

Interaction of sensations in binocular contrast [with summary in English]. A I Zotov Vop psikhol. 7 no. 2. 87-96 Mr-Ap '61.

Peculiarities of a successive optic image in trained athletes M. G. Amilakhvari. Probl psikhol sporta no 1. 96-108 '60.

VISUAL AIDS

Useful device. A. Banin. Nar. obr. no. 7:121 Jl '61.

VITAMIN THERAPY

Effect of aeroionization and vitamin therapy on the work capacity of athletes. M. A Vytchikova Teor. i prak fiz. kul' 24 no. 6 446-449 '61.

VITAMINS

New daily norms of daily vitamin requirements for man N. S IArusova Vop pit 20 no 3 3-5 My-Je '61

Vegetables. K. S. Petrovskii. Zdorov'e 7 no. 7:25-26 Jl '61.

VITAMINS—A

Effect of vitamin A and thyroidin on the activity of catalase and cholinesterase in white rats [with summary in English]. L. S Pryputina, M. B. Lutsfuk. Ukr. biokhim. zhur. 33 no 3,392-395 '61

New path in the synthesis of vitamin A. Zh. A. Krasnaia, V. F. Kucherov. Izv. AN SSSR, Otd. khim nauk no. 6:1160-1161 Je '61.

VITAMINS—B

Effect of certain complex compounds of cobalt and the vitamin B complex on the peripheral blood in radiation sickness under experimental conditions [with summary in English] M. F. Runova Farm. i toks. 24 no. 2.191-197 Mr-Ap '61.

VITAMINS—B_c see Folic acid

VITAMINS—B_1 see Thiamine

VITAMINS—B_2 see Riboflavin

VITAMINS—B_5 see Nicotinic acid

VITAMINS—B_6 see Pyridoxine

VITAMINS—B_{12} see Cyanocobalamine

VITAMINS—D

Criteria for determining human requirements of vitamin D and its levels. A A. Titaev Vop. pit 20 no 3 69-75 My-Je '61

VITAMINS—G see Riboflavin

VITAMINS—K

Effect of vitamin K (vikasol) on the development of arteriosclerosis in rabbits [with summary in English]. Z. T Samoilova. Pat. fiziol. i eksp. terap. 5 no. 3:33-38 My-Je '61.

VITAMINS—M see Folic acid

VITEBSK—MACHINE-TOOL INDUSTRY

Machine tools manufactured by the Vitebsk Machine-Tool Plant. E M Gil'dinson Biul. tekh. -ekon. inform. no 5.37-41 '61.

VITEBSK PROVINCE—FINANCE

How we achieve an increase in budget income. I. Kazakov. Fin. SSSR 22 no. 6:37-41 Je '61.

VITICULTURE
(see also subdivision under Don Valley)

Effect of pinching back and suckering on closely planted grapevines. O. H. Mishurenko and others Visnyk sil'. hosp nauky 4 no 6:72-75 Je '61

Gray-Brown soils of the brushwood-arid steppe in the basin of the Akstafa River and some of their genetic and agricultural characteristics [in Azerbaijani with summary in Russian] Sh G. Gasanov Izv. AN Azerb. SSR. Ser. biol i med. nauk no 2 77-86 '61.

VITIM PLATEAU—GEOLOGY, STRATIGRAPHIC

Late molasses of the early Caledonian geosyncline in the inner part of the Baikal mountain area. V. G. Belichenko, P. M. Khrenov, IU. A. Chernov. Dokl. AN SSSR 138 no. 6:1405-1408 Je '61.

VITIM RIVER—HYDROGRAPHIC SURVEYING

"Energetik" sails on a surveying mission. L. Sheinman. Vokrug sveta no. 6:16-17 Je '61.

VLADIMIR—AERONAUTICS AS RECREATION

All year long in the air. A. Zavina. Kryl. rod 12 no. 2. 11 F '61.

VLADIMIR PROVINCE—ADMINISTRATIVE ECONOMIC COUNCILS

Public review-competition in using hidden production potentialities at the Vladimir Economic Council. I. A. Terent'ev. Biul. tekh. -ekon. inform. no. 6:78-80 '61.

VLADIMIR PROVINCE—LEGUMES

Effect of molybdenum on the yield of forage legumes in Vladimir Province N. A Korneev and others Dokl. TSKhA no 57-93-97 '60

VLADIMIR PROVINCE—TELEGRAPH

Experience in the organization of the operation of telegraph communications in Vladimir Province to a system of direct connections V. V Salikhov, IU N Blazhshev Vest sviazi 21 no. 4 21-24 Ap '61.

VLADIMIR PROVINCE—TRADE UNIONS

Fruits of complacency. L. Mamoshkin. Zhil. -kom. khoz 11 no. 4:10-11 Ap '61.

VLADIVOSTOK—CONSTRUCTION INDUSTRY

Vladivostok is building. V. Polikanov. Na strol. Ros no 1:16-18 Ja '61.

VLADIVOSTOK—HARBOR

Activities of the Scientific-Technical Society of the Vladivostok Port. E. Fisher. Mor. flot 21 no. 2 35-37 F '61.

VLADIVOSTOK—THEATER

"Three of them." IU. Nekhoroshev Teatr 22 no. 6. 144-146 Je '61.

VOCAL CORDS

Changes in the rima glottidis in severe closed cranial and cerebral injuries under experimental conditions IU V Zotov. Vop neirokhir 25 no. 3:45-50 Mr-Ap '61.

VOCATIONAL EDUCATION see subdivision under Bolkhov, Chelyabinsk, Rostov Province

VOCATIONAL GUIDANCE

Moralevich, A. IU. [Thirty thousand roads; choice of a profession] Putei - 30 tysiach; o vybore professii. Moskva, Izd-vo "Znanie," 1961. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 10, Molode znaiu, no. 8)

VOLCANIC ASH, TUFF, ETC.
(see also subdivision under Armenia; Lower Tunguska Valley)

Quarry-plant for the manufacture of natural composite large wall blocks and panels. M. Oganesian. Prom Arm. 4 no. 4.9-14 Ap '61.

VOLCANOES see subdivision under Kurile Islands

VOLGA-AKHTUBA FLOOD PLAIN—SOIL MOISTURE

Moisture conditions of soils in the Volga-Akhtuba Flood Plain and Delta. S. A. Vladychenskii Vest. Mosk. un. Ser. 6: Biol., pochv. 16 no. 3:73-80 My-Je '61

VOLGA DELTA—GOBIES

Recent data on the biology of the goby Pomatoschistus caucasicus (Kawrajsky) Berg in the outher Volga Delta A F. Koblitskata. Vop. ikht. 1 no. 2:253-261 '61.

VOLGA DELTA—HERONS

Feeding of the black-crowned night heron in the Volga Delta. N. N. Skokova Ornitologiia no. 3:396-404 '60

VOLGA DELTA—PHYSICAL GEOGRAPHY

Some results of structural and geomorphological studies in the Volga Delta in connection with prospects for finding oil and gas. A A. Aleksin, O. K. Leont'ev, N I Foteeva. Vop. geog. no. 52:35-44 '61

VOLGA DELTA—SOIL MOISTURE

Moisture conditions of soils in the Volga-Akhtuba Flood Plain and Delta. S A. Vladychenskii. Vest Mosk un Ser. 6: Biol., pochv. 16 no. 3:73-80 My-Je '61

VOLGA HILLS—EROSION

Formation and reconstruction of the erosional land forms of the Volga Upland. A. V. Tikhonov. Biul. MOIP. Otd geol. 34 no. 5:165-166 S-O '59.

VOLGA HILLS—SOILS

Effect of cultivation on chemical and hydro-physical changes in the light-colored Chestnut soils of the Volga Hills M. N. Pershina, V. T. Dodolina. Dokl. TSKhA no. 60 123-129 '61.

VOLGA HYDROELECTRIC POWER STATION

Party work at the building site of the Volga Hydroelectric Power Station. A. D. Fadeev. Vop. ist. KPSS 5 no 3: 94-105 '61.

VOLGA HYDROELECTRIC POWER STATION—HYGIENIC ASPECTS

Organization of medical and hygienic care at the construction site of the Kuibyshev Hydroelectric Station K. R. Sedov, G. I. Utkin, I. M. Berezin. Sov. zdrav. 19 no. 3:29-30 '60.

VOLGA RIVER—DESCRIPTION AND TRAVEL

Kitaeva, G. V., and K. A. Ivanov. [Moscow - Astrakhan; a guidebook] Moskva - Astrakhan'; putevoditel', [Moskva] Izd-vo VTsSPS Profizdat, 1961. 101 p.

VOLGA RIVER—FISHES—FOOD

Efficient utilization of food resources of the Volga River. P. N. Khoroshko. Ryb. khoz. 37 no. 4:22-23 '61.

VOLGA RIVER—STURGEONS

Ecological and morphological characteristics of larval development in the white strugeon Huso huso (L.). N. I. Dragomirov. Trudy Inst. morf. zhiv. no. 33 72-93 '61

Effectiveness of sturgeon reproduction in the Volga River upstream of the Stalingrad Hydroelectric Power Station in 1958-1960. Ryb. khoz. 37 no. 4:16-18 '61.

Setting sturgeons over the dam; a photosketch. Ryb. khoz. 37 no. 4 24-27 '61.

VOLGA RIVER—WATER—COMPOSITION

Variations in the concentration of biogenous and organic substances and gas composition of waters of the Volga River before its regulation (1954-1955). A. A. Zenin, V. L. Vasil'eva. Gidrokhim. mat. 32 31-46 '61.

VOLGA RIVER ESTUARY

Basic hydrological characteristics of shallows of the mouth of the river followed by a steep downward pitch of the sea floor (exemplified in the region off the mouth of the Volga River). N. A. Skriptunov. Trudy Okean. kom. 10 no. 1:107-118 '60.

VOLGA-URAL REGION—GEOLOGY, STRATIGRAPHIC

Resolutions of the Enlarged Conference of the Ural Group of the Interdepartmental Commission of Coordination of Geomorphological Recent Tectonic Studies of the Urals and Volga Valley. Sov. geol. 4 no. 6 147-148 Je '61.

VOLGA VALLEY—AGRICULTURE

Beacon lights of the Volga region participants in the Exhibition of Achievements of the Soviet National Economy. P. G. TSalykovskii. Zemledelie 23 no. 6, 65-68 Je '61.

Raising the standards of agriculture in the trans-Volga region. A. I. Stepanov. Dokl. TSKhA no. 58:179-190 '60.

VOLGA VALLEY—COSTUME

Gagen-Torn, N. I. [Women's costume of the Volga Region peoples; materials for ethnogeny] Zhenskaia odezhda narodov Povolzh'ia; materialy k etnogenezu. Cheboksary, Chuvashskoe gos. izd-vo, 1960. 226 p.

VOLGA VALLEY—ETHNOLOGY

Gorlunova, E. I. [Ethnic history of the Volga-Oka interfluve] Etnicheskaia istoriia Volgo-Okskogo mezhdurech'ia. Moskva, Izd-vo Akad. nauk SSSR, 1961. 264 p. (Materialy i issledovaniia po arkheologii SSSR, no. 94)

VOLGA VALLEY—GLACIAL EPOCH

Old frozen formations in the Volga Valley and Yergeni Hills. S. K. Gorelov. Biul. MOIP. Otd. geol. 34 no. 5 161-162 S-O '59.

VOLGA VALLEY—GRAIN

How buffer strips of shrubs planted along with forest shelterbelts affect grain yields in the arid Southeast. V. V. Tkachev. Dokl. TSKhA no. 63 65-71 '61.

VOLGA VALLEY—HYDROGRAPHY

Recent transformation of the Volga flood plain and its lakes near the mouth of the Ilet' River. A. V. Shnitnikov. Trudy Lab. ozeroved. 10:142-159 '60.

VOLGA VALLEY—IRRIGATION FARMING

Basin snow-water irrigation in the trans-Volga region [with summaries in English, German, and French]. L. S. Kostin. Vest. sel'khoz. nauki 6 no. 6:93-94 Ja '61.

Basin snow-water irrigation is of great importance in increasing the output of agricultural products in the trans-Volga region. A. I. Stepanov. Dokl. TSKhA no. 58:273-282 '60.

VOLGA VALLEY—PALYNOLOGY

Stratigraphy of the Yasnaya Polyana substage in the Volga Valley portion of Saratov and Stalingrad Provinces [with summary in English]. A. M. Loginova. Biul. MOIP. Otd. geol. 34 no. 5:95-102 S-O '59.

VOLGA VALLEY—SOIL MICRO-ORGANISMS

Characteristics of microbiological processes in dark turf-gley soils of the southern part of the upper Volga Lowland. V. F. Nepomiluev, L. L. Shishov. Doklady TSKhA no. 57 175-182 '60.

VOLGA VALLEY—TILLAGE

Preservation of stubble in the basic cultivation of soil in semiarid regions of the Southeast. N. IA. Grigor'ev. Dokl. TSKhA no. 60:25-29 '61.

VOLGA VALLEY—WATER RESOURCES DEVELOPMENT

Transformations in the lower reaches of the Volga. K. M. Zubrik. Priroda 50 no. 7:69-72 Jl '61.

VOLGA VALLEY—WINDBREAKS, SHELTERBELTS, ETC.

How buffer strips of shrubs planted along with forest shelterbelts affect grain yields in the arid Southeast. V. V. Tkachev. Dokl. TSKhA no. 63 65-74 '61.

VOLLEYBALL—PSYCHOLOGICAL ASPECTS

Investigation of the motor reactions of volley ball players. E. E. Liepin'sh. Probl. psikhol. sporta no. 1:109-115 '60.

VOLOGDA PROVINCE—BIRDS

Summer and fall populations of birds in the taiga landscape of Vologda Province. P. P. Vtorov, N. N. Drozdov. Ornitologiia no. 3:131-138 '60.

VOLOGDA PROVINCE—SOILS

Soils of Southwestern Vologda Province as exemplified by the land use on one of the collective farms in Ustyuzhna District [with summary in English]. L. L. Dvornikova. Vest. LGU 18 no. 12:135-147 '61.

VOLOGDA PROVINCE—STATISTICS

Vologda (Province) Statisticheskoe upravlenie. [Economy of Vologda Province, statistical collection] Narodnoe khoziaistvo Vologodskoi oblasti, statisticheskii sbornik. Vologda, Gos. stat. izd-vo, 1960. 132 p.

VOLOKOLAMSK DISTRICT—PLANTS, PROTECTION OF

In two neighboring districts. T. Demekhina, A. Veselov. Zashch. rast. ot vred. i bol. 6 no. 1:12-14 Ja '60.

VOLOSHIN, NIKOLAI FEDOROVICH

Sixteen years later.... V. Ukrainskii. Sov. voin. 43 no. 7: 29 Ap '61.

VOLTAGE REGULATORS

Certain methods for thermal compensation of transistor voltage stabilizers. V. I. Ogandzhaniants. Sbor. rab. po vop. elektromekh. no. 5:330-333 '61.

Device for stabilizing the amplitude of high-frequency voltages. A. A. L'vovich. Radiotekhnika 16 no. 6:61-69 Je '61.

Mikhaikov, A. V. [Important things to know about voltage regulation] Chto nuzhno znat' o regulirovanii napriazheniia. Moskva, Gos. energ. izd-vo, 1960. 47 p. (Biblioteka elektromontera, no. 28)

The 64/01, 10 voltage stabilizers. A. I. Kurbatov. Elek. i tepl. tiaga 5 no. 4 34-37 Ap '61.

VOLTAIC ARC see Electric arc

VOLTAMMETRY

Reverse volt-ampere characteristic of semiconductor diodes. G. M. Avakiants, D. A. Aronov, P. M. Karageorgii-Alkalaev. Fiz. tver. tela 3 no. 5:1400-1410 My '61.

VOLYN'-PODOLIAN UPLAND—PALEONTOLOGY, STRATIGRAPHIC

Pasternak, S. I. [Cretaceous biostratigraphy of the Volyn'-Podolian plateau] Biostratygrafiia kreidovykh vidkladiv Volyno-Podil's'koi plyty. Kyiv, Vyd-vo Akad. nauk URSR, 1959. 98 p.

VOLYNSK PROVINCE—CHEMICAL INDUSTRIES

Innovators should join the society. D. Brodskii. NTO 3 no. 6:29 Je '61.

VOLZHSKIY—BRIDGES, CONCRETE

Kel'Amzit concrete bridge. A. Mal'chenko. Na stroi. Ros. no. 3:20 Mr '61.

VOLZHSKIY—CONSTRUCTION INDUSTRY

New city on the Volga. V. Gugel'. Na stroi. Ros. no. 3:21-23 Mr '61.

VOLZHSKIY—PRECAST CONCRETE CONSTRUCTION

Using precast elements in Volzhskiy. N. Kolesnikov. Na stroi. Ros. no. 3:14-18 Mr '61.

VOMITING

Effect of the vomiting reflex on cardiac rhythm and its role in defense and pathological reactions of the body during pharmacological actions and disorders of coronary circulation [with summary in English]. B. M. Fedorov. Pat. fiziol. i eksp. terap. 5 no. 3:20-26 My-Je '61.

VOROB'EV, KONSTANTIN

Mishka and his contemporaries ("Geese and swan"; stories by Konstantin Vorob'ev. Reviewed by I. Dedkov). Novyi mir 37 no. 7:260-263 Jl '61.

VORONEZH—BUILDING MACHINERY INDUSTRY—TECHNOLOGICAL INNOVATIONS

Over-all mechanization of a division producing metal electrodes. A. G. Koron. Stroi. i dor. mash. 6 no. 5: 37-38 My '61.

VORONEZH—COMMUNIST YOUTH LEAGUE

Clubs of booklovers. E. Rubets. Komsom. zhizn' no. 23: 23-25 D '59.

VORONEZH—MACHINERY INDUSTRY

The best machinery plant in the province. A. Molchanov. Izobr. i rats. no. 6:6 Je '61.

VORONEZH—SCHOOLHOUSES

How to improve the construction of schools. IU. Tiushin. Nar. obr. no. 6:29-32 Je '61.

VORONEZH—THEATER

"Lavish evening." V. Vitiuk. Teatr 22 no. 6:146-147 Je '61.

VORONEZH PROVINCE—COCKCHAFERS

Effect of chemical treatment on intraspecific relationships in Melolontha hippocastani F. V. M. Berezina. Ent. oboz. 40 no. 2:253-258 '61.

VORONEZH PROVINCE—COLLECTIVE FARMS

Concern for the development of communal economy. L. Grevtsev, V. Baskakova. Part. zhizn' no. 14 :47-51 Jl '61.

VORONEZH PROVINCE—COMMUNICABLE DISEASES

Natural focus infections in Voronezh Province [with summary in English]. V. S. Sil'chenko. Zhur. mikrobiol. epid. i immun. 32 no. 5 15-18 My '61.

VORONEZH PROVINCE—COMMUNIST YOUTH LEAGUE

Comprehensive mechanization is the business of our Communist Youth League. I. Udodov. Komsom. zhizn' no. 2:5-9 Ja '60.

VORONEZH PROVINCE—FARM MECHANIZATION

Comprehensive mechanization is the business of our Communist Youth League. I. Udodov. Komsom. zhizn' no. 2:5-9 Ja '60.

VORONEZH PROVINCE—FOUNDRIES

Reorganization of foundries in the Voronezh Economic Council. K. I. Zvingintsev. Lit. proizv. no. 6:16-22 Je '61.

VORONEZH PROVINCE—OAK—DISEASES AND PESTS

Mobility and migration of murine rodents in Tellermanovskoye oak forests. F. R. Shtil'mark. Soob. Lab. lesoved. AN SSSR no. 3:46-58 '61.

Protecting young oak plantations from murine rodents in the Tellermanovskoye Forest. F. R. Shtil'mark. Soob. Lab. lesoved. AN SSSR no. 3,3-32 '61.

VORONEZH PROVINCE—RODENTIA

Mobility and migration of murine rodents in Tellermanovskoye oak forests. F. R. Shtil'mark. Soob. Lab. lesoved. AN SSSR no. 3 46-58 '61.

VORONEZH PROVINCE—ROOFING, BITUMINOUS

Rubber-bitumen roofing works. S. Shchukin, N. Popolitov. Sel'. stroi. 15 no. 4:23-24 Ap '61.

VORONEZH RIVER—ICE ON RIVERS, LAKES, ETC.

Chemical composition of ice on the Voronezh River. K. B. Zhaggar, M. I. Kholodova. Gidrokhim. mat. 32:25-30 '61.

VOROSHILOVGRAD see Lugansk

VOROSHILOVGRAD PROVINCE see Lugansk Province

VORTEX MOTION

Behavior of waves on the surface of a uniformly vortical liquid. Sun' I'Sao [Sun Ta'ao]. PMTF no. 2:15-21 Jl-Ag '60.

VOSKRESENSK—FERTILIZER INDUSTRY

Boric fertilizer plant. N. Bondarenko. Na stroi. Ros. no. 4 11-13 Ap '61.

VOYAGES AND TRAVELS

Journeys of a scientist ("From the Arctic to the tropics" by D. I. Shcherbakov. Reviewed by E. M. Pospelov, M. M. Kaplan). Priroda 50 no. 7 121-122 Jl '61.

Shcherbakov, D. I. [From the arctics to the tropics] Ot Arktiki do tropikov. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 198 p.

"Traveling 500 000 kilometers" by A. Kuleshov. Reviewed by V. Novospasskii. Vokrug sveta no. 6:61 Je '61.

VOYEYKOVO—METEOROLOGICAL MUSEUMS

Meteorological Museum. D. F. Nezdiurov. Meteor. i gidrol. no. 7:57-58 Jl '61.

VOYNICH, ETHEL LILLIAN (BOOLE), 1864-1960

Tarabuta, E. A. [Ethel Lillian Voynich] Etel' Lillian Voinich. Moskva, Gos. izd-vo khudozh. lit-ry, 1960. 288 p.

VULCANIZATION

Dependence of the thermal effects of the vulcanization of natural and synthetic rubbers upon the proportioning of sulfur, on temperature, and the type of accelerator used. F. F. Koshelev, N. A. Zanemonets. Kauch. i rez. 20 no. 7:15-18 Jl '61.

Electric vulcanization sector. A. P. Burlak, A. P. Ivanov. Len. prom. '9 no. 6:30 Je '61.

Vulcanization of ethylene and propylene copolymers. V. N. Reikh and others. Kauch. i rez. 20 no. 6:1-5 Je '61.

VULCANIZATION—EQUIPMENT AND SUPPLIES

Compounding formula, manufacture, and uses of carbon black-free lubricants for vulcanization molds. Kh. E. Malkina, A. N. Krasotina. Kauch. i rez. 20 no. 7,30-33 Jl '61.

VURGUN, SAMED, 1906-

Nature in Samed Vurgun's poetry [in Azerbaijani with summary in Russian]. B. Budagov. Izv. AN Azerb. SSR, Ser. obshchestv. nauk no. 3:93-103 '61.

VVEDENSKII, IVAN NIKOLAEVICH, 1875-1960

Ivan Nikolaevich Vvedenskii; an obituary. Zhur. nevr. i psikh. 61 no. 2:316-317 '61.

VYATKA UVAL—WATER, UNDERGROUND

Underground water in the central and southern portions of the Vyatka Uval. S. G. Kashtanov. Izv. vys. ucheb. zav.; geol. i razv. 2 no. 12:115-118 '59.

VYATKA VALLEY—TERRACES (GEOLOGY)

Age of Vyatka terraces. N. G. Ivanova. Biul. MOIP. Otd. geol. 34 no. 5:166-167 S-O '59.

VYCHEGDA RIVER—REGULATION

Pechora - Caspian; northern rivers will flow to the south. G. L. Sarukhanov. Priroda 50 no. 7:53-57 Jl '61.

VYCHEGDA RIVER—REGULATION (Continued)

Streamflow diversion of northern rivers and tasks of the lumbering industry D Fogel', B Shchiglovskii Les prom 39 no 5 1-4 My '61.

VYRHAN, IVAN

"At the height of the summer" by Ivan Vyrhan Reviewed by Vladimir Boianovich Sov Ukr 10 no. 2 172-174 F '60

VYSOKAYA, GORA (SVERDLOVSK PROVINCE)—MINING ENGINEERING

Analysis of the amount of laborious operations involved in the induced sublevel caving system at the Vysokaya Gora Mine. L F Zubrilov, B M Shul'min. Trudy Gor.-geol inst. UFAN SSSR no 54 91-101 '60

Comparing induced sublevel caving and combination systems in the Vysokaya Gora Mine A M Il'in, R A Plazok Trudy Gor.-geol inst UFAN SSSR no 54 79-84 '60

VYSOKOYE DISTRICT—PUBLIC HEALTH

Conference on medical personnel N Kharin, S Terekhin Zdrav Bel 7 no 5 69 My '61

WAGE PAYMENT SYSTEMS

Educational significance of collective forms of wage payment. M Baradanov, P. Semenets Sots. trud 5 no. 12 116-121 D '60.

Establishing criteria for procedures in assigning river fleet enterprises and organizations as well as river fleet vessels to managerial engineers', technicians' and command personnel wage groups Biul Gos kom po vop. truda i zar platy no 1-15-23 '61

Establishing regulations in wage payment procedures for crew members engaged during the run of marine fishing vessels Biul. Gos. kom po vop truda i zar platy no. 1-26-28 '61.

Establishing the wage payment administrative structure and conditions for workers in housing construction combines. Biul Gos kom po vop truda i zar platy no 1 46-52 '61.

From the editor's mail, Sots. trud. 6 no 5-133-136 My '61

Gendler, G. Kh. [Wages and technological progress] Zarabotnaia plata i tekhnicheskii progress. Moskva, Gos. izd-vo polit. lit-ry, 1961. 113 p.

The Gorkiy Automobile Plant after the wage regulation K. Mukhin, M Dragunov Sots. trud 6 no 5 105-110 My '61

Gur'ianov, S. Kh. [Analyzing the fulfillment of the labor plan in an industrial enterprise] Analiz vypolneniia plana po trudu na promyshlennom predpriiatii. Moskva, Gos. izd-vo planovo-ekon. lit-ry, 1961. 75 p. (V *pomoshch' propagandistam i slushateliam seti* partiinogo prosveshcheniia)

Improve the standard of literature on problems of wage organization ("Wage organization in a machinery manufacturing enterprises" by L. E. Gurin Reviewed by I. N[ekhin] *Sots trud 8 no, 5-156-159 My '61*

In the State Committee on Problems of Labor and Wages of the Council of Ministers of the U S S R, and the All-Union Central Council of Trade Unions Sots. trud 6 no. 5 143-145 My '61

Mixed brigades in construction. I Chernenzon, Sots. trud 6 no. 5:53-57 My '61.

Planning wage funds under conditions of the new bonus system A. Sosul'nikov Sots. trud 5 no 5 123-126 My '61.

Procedures for assigning marine and river fleet vessels of the fishing industry to command personnel wage groups Biul Gos. kom po vop. truda i zar. platy no. 1, 29 '61.

Results of regulating wages at the Kolomna Diesel Locomotive Plant. F. Tilis Sots. trud 5 no. 12:

enter-
nas' wage

Wages for district (city) industrial combines which are under the jurisdiction of local soviets of workers' deputies Biul Gos kom po vop truda i zar platy no 1 38-45 '61

Wages for the estimate-and-contract section chiefs and chief dispatchers in construction and assembly trusts and their subsections Biul Gos kom po vop truda i zar platy no. 1:60 '61

Wages in machinery manufacturing enterprises and their relation to production quality F Kasatkin Sots trud 6 no 5 41-46 My '61

WAGES

(see also subdivision under Ukraine)

Kukulevich, I. L., and V. P. Machikhin. [The wage systems in enterprises of local industry] Organizatsiia zarabotnoi platy na predpriiatiiakh mestnoi promyshlennosti. Moskva, Gos. izd-vo planovo-ekonomicheskoi lit-ry, *1961*. 355 p.

New reference books on wage scales. V. E. Mejodiev. Spirt. prom. 27 no. 1.44-46 '61.

Problems of wages of construction workers. Ekon. stroi. no. 5:58-60 My '61.

WAGES—ACCOUNTING

Consultation. Transp. stroi. 11 no. 5:60-61 My '61.

WAGES—BIBLIOGRAPHY see Bibliography—Wages

WAGTAILS see subdivision under Moscow

WALL NEWSPAPERS

Militant helper of the committee. A. Arnol'dov. Voen. znan. 37 no. 7, 23-24 Jl '61.

WALLBOARD

Wood fiber slabs. Sel'. stroi. 16 no 5:16 My '61.

WALLPAPER

Centralized wallpaper manufacture. B. Gorodishcher, V. Volodarskii. Stroitel' no. 5, 15 My '61.

WALLS

Exterior finish of walls made of local materials. A. Lobkov. Sil'. bud. 11 no 5 17 My '61.

Let's employ an economical way of building walls B. Kharchenko Sil'. bud 11 no 4-15 Ap '61.

The strength of walls made of vibrated brick panels. S. Sementsov. Na stroi. Ros no. 3 26-29 D '60

Village house of vibrated brick panels. IU. Moiseev, F. Solov'ev, A. Chutro. Stroi. i arkhit. 0 no. 4-18-19 Ap '61.

WALLS—THERMAL PROPERTIES

Heat conduction in single-ply wall panels. B. Danilov, R. Borodiskaia, V. Terekhov. Stroi. i arkhit. 9 no. 4: 21-22 Ap '61.

WALNUT see subdivision under Daghestan; Ukraine

WAR

Harsh truth about war and peace. Sovremennik. Nov. vrem. 19 no. 27, 1-3 Jl '61.

WAR—CASUALTIES (STATISTICS, ETC.)

(see also subdivision under Europe)

What have been the results of wars ("Wars and the population of Europe" by B TS Urlanis. Reviewed by S. Krasil'nikov) Kommunist 38 no 10:121-124 Jl '61

WAR—ECONOMIC ASPECTS

Kornienko, A. A. [Critique of modern theories on the militarization of economy] K kritike *sovremennykh* teorii militarizatsii ekonomiki. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 246 p.

WAR IN LITERATURE

[illegible] peace. Galina Zinchenko. Sov. Ukr. 11 [illegible] Je '61

LS see subdivision under Fill

ivision under Zeravshan Valley

ltures for transportation and ware-
every way possible. N Izvol'skaia,
trud 5 no. 12 71-78 D '60.

S AND FIRE PREVENTION

revention measures in storage
ozharnye meroprilatiia v skladskom
va, *Izd-vo M-va kommun. khoz.*
p.

AL ENGINEERING)
r protective *leather washers of*
, A. P. Begidzhanova, B. A. Liubimov,
, i sel'khozmash. 31 no. 7:14-17

g of raw leather waste. V. M. Sham-
v. prom. 3 no. 3:9 Mr '61.

WATER

Dolin, P. I., and B. V. Ershler. [Radiolysis of water in the presence of H_2 and O_2 caused by reactor radiation fission fragments, and X rays] Radioliz vody v prisutstvii H_2 i O_2 pod deistviem izlucheniia reaktora, oskolkov deleniia i rentgenovskogo izlucheniia. Moskva, 1955 30 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

WATER—ANALYSIS

Conductometric determination of calcium in natural waters. L. N. Bogusevich Gidrokhim. mat 32:164-17[illegible] '61.

Conductometric determination of organic carbon in natural waters. M. P. Belsova, P. A. Kritikov Gidrokhim mat 32:171-183 '61

Determination of ammonium ions in colored and turbid natural waters. V. T. Kaplin Gidrokhim mat 32 148-152 '61

Method for copper and zinc determination in a single sample of water T Kh Kolesnikova, Gidrokhim mat 32:165-170 '61.

Moscow. Gosudarstvennyi okeanograficheskii institut. [Manual of marine hydrochemical investigations for hydrometeorological observatories and marine hydrometeorological stations] Rukovodstvo po morskim gidrokhimicheskim issledovaniiam; dlia gidrometeorologicheskikh observatorii i morskikh gidrometeorologicheskikh stantsii Pod red. L. K. Blinova, Moskva, Gidrometeor. izd-vo (otd-nie), 1959. 255 p.

Using the L. P. Krylova's method of dry combustion in determining the organic cabron in sea water B. A. Skopintsev, S. N Timofeeva. Gidrokhim. mat 32: 153-164 '61

WATER—CHLORINATION

Chlorine disinfection of water infected with brucellar pathogens. S. S. Spaskii. Gig. i san. 26 no. 1:107-109 Ja '61.

WATER—COMPOSITION

(see also subdivision under Chu Valley; Kakhovka Reservoir; Karkovskoye Reservoir; Kazakhstan; Russia, Southern)

Chemical composition of ice on the Voronezh River. K. P Zhaggar, M. I Kholodova. Gidrokhim. mat. 32:25 30 '61.

A contribution to the study of the runoff of dissolved substances from the land of the globe. O. A Alekin, I V Brazhnikova. Gidrokhim mat. 32:12-24 '61

Graphic representation of the chemical composition of natural waters by the combination of two triangles and two squares. E. V. Posokhov. Gidrokhim mat. 32 192-194 '61.

Mineralization calculations for reservoir waters. A I Rtishchevskii. Gidrokhim. mat. 32:72-96 '61.

Nature of the movement of water masses near the dam in Taimlyansk, Gorkiy, Kuybyshev, and Stalingrad reservoirs. *A A. Zenin, V I Rogozhkin, N. G. Denenko* Gidrokhim. mat. 32:113-121 '61.

Place of hydrochemistry in the system of natural sciences O. A. Alekin. Gidrokhim mat 32, 3-11 '61

Results of hyrological and hydrochemical research in reservoirs of the Donets Basin. V. A Baranov, F F Zibol'd, L. N. Popov Gidrokhim. mat. 32:122-127 '61

State and problems of the prediction of water quality O. A Alekin Gidrokhim. mat. 32:64-71 '61.

WATER—DISTRIBUTION

Automatic water-raising installations for local water-supply systems. P. V. Lobachev, O. P. Mikheev, Vod i san. tekh. no. 6:6-13 Je '61.

WATER—MICROBIOLOGY

Use of the phage increase reaction in the examination of objects in the external environment. Report No 1) Use of the phage increase reaction in water analysis M A Gitsevich, K P. Bolarshinova, G A. Kremenchuk. Zhur mikrobiol epid. i immun. 32 no. 3:43-44 Mr '61

WATER—OZONIZATION

Water-jet mixers in installations for the discoloration and disinfection of water by the use of ozone on low-capacity water-supply lines P. I Smirnov Vod i san. tekh. no. 6:13-18 Je '61.

WATER—POLLUTION

Water factors in the epidemiology by dysentery; author's abstract. E. S. Tyrkova. Zhur. mikrobiol. epid. i immun 31 no. 11:148 N '60.

WATER—PURIFICATION

(see also subdivision under Kiev)

Mikhailov, V. A., and N. S. Novakovskii. [Automation of purifying structures in city water-supply systems] Avtomatizatsiia vodoochistnykh sooruzhenii gorodskikh vodoprovodov. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1960. 192 p.

Purification of waste waters from fluorides. IU.IU Lur'e, P. S. Antipova, A. N. Belevtsev. TSvet. met. 34 no 2 43-47 F '61.

WATER—STORAGE

Alcohols and the properties of their monomolecular layers in protecting reservoir water from evaporation A. D. Petrov and others. Dokl. AN SSSR 138 no. 6 1395-1398 Je '61.

WATER—THERMAL PROPERTIES

Equation of state and heat capacity of water in a wide range of thermodynamic parameters. N. M. Kuznetsov. PMTF no. 1:112-120 Ja-F '61.

WATER, DISPOSAL OF see Industrial wastes

WATER, UNDERGROUND
(see also subdivision under Azov-Kuban region; Caspian Lowland; Crimea; Don Valley, Karabakh Range, Kazakhstan; Miass region, Mongolia, Sherubay-Nura Valley; Siberia, Eastern, Tajik Depression, Transbaikalia; Vyatka Uval)

Characteristics of bromine ion accumulation in underground brines. A. M. Kuznetsov, G. A. Makaimovich. Dokl. AN SSSR 138 no. 5 1179-1182 Je '61

Estimate of the water balance of underground waters based on level fluctuations [with summary in English]. V. A. Sergeev. Vest. LGU 16 no. 12 61-66 '61.

Hydro-chemical composition of underground waters O. G. Penkov. Dokl. TSKhA no. 60 143-147 '61

Hydrochemical methods of prospecting for copper pyrite deposits in the Southern Urals [with summary in English] V. F. Kovalev and others. Geokhimiia no. 7 595-603 '61.

Hydrogeological principles for the zonal protection of subterranean water supply sources [with summary in English]. A. S. Belitskii. Gig. i san. 26 no. 1:15-18 Ja '61.

Klimentov, P. P. [Methodology of hydrogeological investigations] Metodika gidrogeologicheskikh issledovanii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1961. 389 p.

Relationship between the chemical composition of subterranean waters and the salinity of rocks. M. S. Ianshina. Biul. MOIP Otd. geol. 34 no. 5 158 S-O '59

WATER BIRDS
(see also subdivision under Moscow; Zuvintu, Lake)

Mechanism of the lower jaw in Charadriiformes, Procellariiformes, and some other birds. K. A. Iudin. Trudy Zool. inst. 29 257-302 '61

WATER FLEAS

Growth rate in water fleas and determination of their productivity. N. S. Konstantinova. Vop. ikht. 1 no. 2: 363-367 '61

WATER HAMMER

Reduction of the force of water hammer. K. Ratushnikov. Tyl i snab. Sov. Voor. Sil. 21 no. 1, 88 Ja '61.

WATER HEATERS

Biothermal water heater. S. Bushin. Tekh. v sel'khoz. 21 no. 6, 32-34 Je '61

Devices for water heating in rural houses. Sel'. stroi. 15 no. 4: insert: 3-4 Ap '61.

WATER IN THE BODY

Water metabolism in hypertension [with summary in English]. M. G. Shoverda. Vrach. delo no. 4: 16-20 Ap '61.

WATER PIPES

Determining the capacity of water conduits with oval cross section. S. A. Abdurashitov, M. A. Karaev. Vod. i san. tekh. no. 5 9-11 My '61

Let's assure the state farms a reliable water supply. M. Nechaev. Sil'. bud. 11 no. 4: 12-14 Ap '61

Use of plastic water pipes. S. N. Cherkinskii, K. I. Akulov, M. N. Rubleva. Gig. i san. 26 no. 1: 95-99 Ja '61.

WATER PLANTS see Aquatic plants

WATER RESOURCES DEVELOPMENT
(see also subdivision under Russia, Northern; Volga Valley)

Complete utilization of water resources and new waterways. Z. Shashkov. Rech. transp. 20 no. 6: 27-30 Je '61.

Is it fantasy? No, it is reality [with English summary in insert]. B. Nikolaev. Az. i Afr. seg. no. 5: 27-28 My '61.

State Committee for Water Economy of the Council of Ministers of the R. S. F. S. R. and its tasks. K. S. Kornev. Gidr. i mel. 13 no. 6: 63-64 Je '61.

WATER RESOURCES DEVELOPMENT—CONGRESSES

Scientific-technological conference on problems in water resources development. N. V. Lalykin. Meteor. i gidrol. no. 7: 58-59 Jl '61.

WATER SPORTS

By a new system. A. Tikhonov, A. Simkin, A. Goncharov. Voen. znan. 37 no. 6: 27 Je '61.

WATER SUPPLY
(see also subdivision under Erivan; Kiev; White Russia)

Hydrogeological principles for the zonal protection of subterranean water supply sources [with summary in English]. A. S. Belitskii. Gig. i san. 26 no. 1: 15-18 Ja '61.

WATER SUPPLY, RURAL
(see also subdivision under Ukraine; Virgin Territory)

Problems in the field of rural water supply. Vod. i san. tekh. no. 6, 1-2 Je '61

Use of plastic pipes in rural construction. P. A. Shevelev, D. F. Kagan, S. V. Ekhlakov. Vod. i san. tekh. no. 6: 18-21 Je '61

WATER-SUPPLY ENGINEERING
(see also subdivision under Moscow)

Economical design of some waterwork structures. A. I. Ostrovskii. Gidr. stroi. 31 no. 6: 31-33 Je '61.

Proper selection of sites for river water intakes. Iu. S. Demianenko. Vod. i san. tekh. no. 5: 34-35 My '61

Towerless system of water supply. P. S. Efros. Vod. i san. tekh. no. 5: 13-15 My '61

WATER VOLES

Production of virulent bacteria for controlling the water vole (Arvicola terrestris L.). V. I. Poltev, L. N. Gritsenko. Izv. Sib. otd. AN SSSR no. 6: 99-105 '61.

WATERMETERS

Static power converters; a survey. G. N. Del'ving. Shor. rab. po vop. elektromekh. no. 5: 307-321 '61.

WATERPROOFING

Cigánek, Vilém. [Waterproofing. Translated from the Czech] Gidroizoliatsiia. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 179 p.

Concrete blocks with numerous hollows and interior waterproofing. A. Chanturiia. Stroitel' no. 5: 6 My '61.

Karpov, V. V., M. E. Moitus, and N. IA. TSukerman. [Roofing and waterproofing operations, reference manual] Krovel'nye i gidroizoliatsionnye raboty, spravochnoe posobie. Pod obshchei red. V. V. Karpova. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 302 p.

WATT-HOUR METER—TESTING

Vostrokhutov, N. G., and A. M. Illukovich. [Testing of electric meters] Ispytanie elektricheskikh schetchikov. Moskva, Gos. energ. izd-vo, 1961. 207 p.

WAVE GUIDES

Calculation of a matching metal insert in a circular wave guide. Van Khuan'-chzho [Wang Hung-chu]. Radiotekh. i elektron. 6 no. 7: 1202-1205 Jl '61.

Calculation of the phase velocity of waves in an artificial metaldielectric with consideration of current harmonics on the elements of the structure. L. S. Benenson. Radiotekh. i elektron. 6 no. 7: 1128-1135 Jl '61.

Calculation of the side flow in a long wave guide line. R. F. Matveev. Radiotekh. i elektron. 6 no. 7: 1157-1164 Jl '61.

Effect of a recurrent annular slits and of a layer of dielectric material on wave attenuation in a round wave guide. V. P. Shestopalov, A. I. Adonina. Zhur. tekh. fiz. 29 no. 12 1457-1461 D '59.

Electroforming of wave-guide devices by a galvanoplastic method. A. I. Brodskii. Trudy inst. Kom. stand., mer. i izm. prib. no. 48 96-106 '60

Electron beam in a helical wave guide (taking the size of the helix into consideration). B. V. Kondrat'ev. Zhur. tekh. fiz. 29 no. 12: 1477-1480 D '59.

Electron beam on a coaxial helical line (taking into consideration the geometrical dimension of the helix) [with summary in English]. B. V. Kondrat'iev. Ukr. fiz. zhur. 6 no. 1: 77-85 Ja-F '61

Ferrite valves with decreased dimensions and weight. S. S. Perel'muter. Radiotekhnika 16 no. 6: 34-37 Je '61.

Field structure in cylindrical waveguides of complex cross section. V. V. Meikulov. Akust. zhur. 5 no. 4 428-431 '59.

Induced vibrator resistances in a wave guide. L. S. Benenson. Radiotekh. i elektron. 6 no. 6: 926-933 Je '61.

Measurement of radial conductances of axial-symmetrical systems with inductive walls. L. V. Kasatkin. Radiotekh. i elektron. 6 no. 6: 934-942 Je '61.

Measurement of small attenuations in wave guides. A. N. Akhiezer. Trudy inst. Kom. stand., mer. i izm. prib. no. 48: 65-85 '60.

Space resonance in a helical wave guide located in a magnetodielectric medium. V. P. Shestopalov, B. V. Kondrat'ev. Zhur. tekh. fiz. 29 no. 12: 1434-1456 D '59.

Transmission band theory of periodical wave guides. M. G. Krein, G. IA. Liubarskii. Prikl. mat. i mekh. 25 no. 1: 24-37 Ja-F '61.

WAVE MECHANICS

Approximate equations of the wave action of water and a ship in the navigation-lock chamber. O. F. Vasil'ev. Izv. AN SSSR, Otd. tekh. nauk, Mekh. i mashinostr. no. 3: 78-83 My-Je '61.

WAVE MOTION, THEORY OF

Increase of the wind wave length in a shallow sea. A. P. Khvan. Dokl. AN SSSR 138 no. 5: 1080-1083 Je '61.

WAVES

Behavior of waves on the surface of a uniformly vortical liquid. Sun' TSao [Sun Ts'ao]. PMTF no. 2: 15-21 Jl-Ag '60.

Cauchy-Poisson problem for waves of finite amplitude. L. N. Sretenskii. Trudy MGI 24 3-24 '61

Determining the elements of internal waves from single hydrological observations at sea. Shen' I Szian'-pin [Shên I hsien-p'ing]. Izv. AN SSSR. Ser. geofiz. no. 7: 1088-1091 Jl '61

Development of waves caused by two moving pressure systems. L. V. Cherkesov. Trudy MGI 24 117-125 '61

Effect of basin rotation on the transformation of standing oscillations in traveling waves. T. IA. Chaikovskaia. Trudy MGI 24, 105-116 '61

Modernized M. D. Konshin's prophilograph and its possible use in plotting wave profiles. V. IA. Mangazeev. Izv. vys. ucheb. zav., geod. i aerof. no. 1: 105-107 '61

Relation between the fields of wind waves and currents. E. G. Nikiforov. Trudy Okean. kom. 10 no. 1: 22-30 '60

Spectral representation of the energy of wind waves. I. S. Brovikov. Meteor. i gidrol. no. 7: 16-21 Jl '61

Temperature waves in the Atlantic Ocean according to the observations of the research ship "Sedov" in March-May 1958. O. A. Kuznetsov. Trudy Inst. okean. 52: 160-165 '61.

Waves at the separating boundary between two streams approaching each other at an angle. R. N. Samusheva. Trudy MGI 24: 126-134 '61.

WEAPONS, ATOMIC see Atomic weapons

WEATHER

Seasonal occurrence of viral hepatitis (Botkin's disease) [with summary in English]. G. P. Stepanov. Zhur. mikrobiol. epid. i immun. 32 no. 2: 48-53 F '61.

WEATHER FORECASTING

Analysis of conditions producing temperature changes in the lower one-kilometer atmospheric layer. A. A. Bachurina, M. S. Konlukhova. Trudy TSIP no. 110: 26-31 '61.

Establishing the date of the beginning of a natural synoptic period. S. T. Pagava. Meteor. i gidrol. no. 7: 11-15 Jl '61.

Forecasting of atmospheric pressure and wind fields. S. V. Nemchinov. Izv. AN SSSR, Ser. geofiz. no. 7: 1066-1077 Jl '61

Principal factors causing thermal transformations in the lower atmospheric layer and their quantitative calculation by the use of nomographs. A. A. Bachurina, M. S. Konlukhova. Trudy TSIP no. 110: 19-25 '61.

Satellites and meteorology. K. IA. Kondrat'ev. Usp. fiz. nauk 74 no. 2: 193-222 Je '61.

Segregation of long waves in hydrodynamical forecasting of pressure fields in the middle and upper troposphere over the northern hemisphere. M. B. Galin. Dokl. AN SSSR 138 no. 5: 1073-1075 Je '61

The system of numerical wind and geopotential forecasting in the lower part of the troposphere. A. I. Burtsev. Trudy TSIP no. 110: 12-11 '61.

Transformation of air in the lower atmospheric layer. A. A. Bachurina. Trudy TSIP no. 110: 3-18 '61.

The 27-day weather cycle. G. I. Kuz'menko. Biul. VAGO no. 26: 27-31 '60.

WEATHERING

Composition and properties of the products of weathering of effusive rocks in the tundra of northeastern U. S. S. R. S. S. Morozov, V. A. Selivanov. Vest. Mosk. un. Ser. 4: Geol. 16 no. 3: 10-17 My-Je '61

Some data on the weathering of basic effusive rocks. V. T. Trofimov, N. P. Bezgin. Vest. Mosk. un. Ser. 4: Geol. 16 no. 3: 51-56 My-Je '61

WEED CONTROL
(see also subdivision under Georgia)

Chemical control of corn and millet weeds from the airplane. V. I. Ivashchenko. Zemledelie 23 no. 6: 73-75 Je '61.

Chemical weed control on flax fields. O. A. Stolchev. Zashch. rast. ot vred. i bol. 5 no. 1: 26 Ja '60.

Chemical weed control on flax fields [with summary in English]. N. G. Abramov, N. F. Murashova. Trudy VNIIL no. 6: 189-203 '60

Developing new soil cultivation practices and chemical measures for the control of offset weeds. G. S. Gruzdev, A. M. Tulikov. Dokl. TSKhA no. 64: 123-131 '61.

Problems involved in the manufacture of chemicals for the protection of plants and for weed control. M. M. Mel'nikov. Khim. prom. no. 5: 297-299 My '61.

WEEDS see subdivision under Murmansk Province

WEEVILS
(see also subdivision under Kirghizistan)

Systematic distinctive features of certain species of weevils. V. I. Medvedeva. Zashch. rast. ot vred. i bol. 6 no. 1: 37-38 Ja '60.

WEIGHT LIFTING

Materials on the basis of modern methods of training weight lifters of a high caliber. V. G. Bushuev, V. M. Zatsiorskii. Teor. i prak. fiz. kul't. 24 no. 6: 443-446 '61.

Weight lifting. V. G. Maksimov. Teor. i prak. fiz. kul't. 23 no. 5: 384-386 '60.

WEIGHTS AND MEASURES—TESTING

Improve state inspection of measuring equipment used in commerce. V V Petropavlovskii Izm tekh. no 7 56-58 Jl '61

WEIL'S DISEASE

Role of cattle in the epidemiology of leptospirosis icterohemorrhagiae. I Z Soloshenko, G V Khorava Zhur mikrobiol epid i immun. 32 no. 2:79-80 F '61

WELDING

(see also subdivision under White Russia)

Galaktionov, A. T., and others. [Welding handbook] Spravochnik rabochego-svarshchika. Pod red. V. V. Stepanova. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 640 p

Kliachkin, IA. L. [Laboratory manual on welding] Laboratornyi praktikum po svarke. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 215 p.

[MICROFILM]

Nikolaev, G. A., ed. [Current welding practices] Sovremennoe sostoianie svarochnoi tekhniki. [n. p.] Sovmestnoe izdanie Mashgiz, SNTL, 1961. 318 p.

Seminar on welding. Mor. flot 21 no. 1:48 Ja '61.

WELDING—BIBLIOGRAPHY see Bibliography—Welding

WELDING—CONGRESSES

Central Asian conference on welding. R. Kh. Berishev. Svar. proizv. no 7 11-42 Jl '61.

Conference of readers of "Svarochnoe Proizvodstvo" in Rostov-on-Don. M. M. Dubashinskii, V. T. Zolotykh. Svar. proizv. no. 6:43-44 Je '61.

Conference on the expansion and application of welding techniques M. G Shmakov Sudostroenie 27 no 5: 73-74 My '61.

Industrial and technical conference on welding in Gorkiy. G. V. Nazarov. Svar. proizv. no. 6:44-45 Je '61.

Technological conference on welding in Moscow. V. F. Tiurin, M. M. Popekhin. Svar. proizv. no. 7 43-44 Jl '61.

WELDING—DEFECTS

"Hot" and crystallization cracks during welding and founding. N. F. Lashko, S. V. Lashko-Avakian. Svar. proizv. no. 6:41-42 Je '61.

WELDING—EQUIPMENT AND SUPPLIES

Design of elements of industrial equipment for welding thin sheet sections. IU. D. Gamzaev. Svar. proizv. no. 6:16-19 Je '61.

Device for cleaning and winding welding filler-metal wire in boxes. A. F. Galochkin. Svar. proizv. no. 7:38 Jl '61.

Gutiaev, A. I., and V. P. Riabinkin. [Automatic control and mechanization of welding processes] Avtomatizatsiia i mekhanizatsiia protsessov svarki. [Gor'kii] Gor'kovskoe knizhnoe izd-vo, 1960. 118 p.

WELDING—PATENTS

Soviet inventions on welding and soldering. Svar. proizv. no 7:44-45 Jl '61.

WELDING—QUALITY CONTROL

Nazarov, S. T. [Methods of welded-joint quality control] Metody kontrolia kachestva svarnykh soedinenii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 128 p.

WELDING—TESTING

Determining the plasticity of welded joints during crystallization. V. S. Gavriliuk. Svar. proizv. no. 7:17-19 Jl '61.

Durable strength of welds joining austenite steels on one hand with pearlite and chromium steels on the other V. N. Zemzin. Svar. proizv. no. 7 1-8 Jl '61.

Effect of heat treatment and long heating on ferrite-austenite joints. I. A. Zaks. Svar. proizv. no. 7 6-9 Jl '61.

Testing weld joints for [illegible] raviev. Svar.

I Tolma-

eisial'nykh
Manual for
water-
aboiam,
xdosnab-
Moskva,
aterialam,

, RURAL
rgin lands.
1:18-21

nybek
nglish],
'61.

WEST KAZAKHSTAN PROVINCE—STOCK AND STOCK-BREEDING

Cheap meat in the country A Tulebaev Ekon sel'-khoz '12 no. 2 67-68 F '61.

WEST KAZAKHSTAN PROVINCE—WINDBREAKS, SHELTERBELTS, ETC.

Main results of ten-year research at the Dzhanybek Permanent Field Station [with summary in English]. A. A. Rode. Pochvovedenie no. 4 14-20 Ap '61.

WEST SIBERIAN PLAIN

Upper Kazym arch [with summary in English]. V. A Nikolaev, L IA. Provodnikov. Geol i geofiz. no 5:3-8 '61.

WEST SIBERIAN PLAIN—CLAY—ANALYSIS

Klubova, T. T. [Lithological and mineralogical characteristics of Cretaceous clays in the West Siberian Plain, based on material from Berezovo, Omsk, and Khanty-Mansiysk key wells] Litologo-mineralogicheskaia kharakteristika melovykh glin Zapadno-Sibirskoi nizmennosti, po materialam Berezovskoi, Omskoi i Khanty-Mansiiskoi opornykh skvazhin. Moskva, Izd-vo Akad. nauk SSSR, 1961. 73 p.

WESTERN EUROPE see Europe, Western

WESTERN SIBERIA see Siberia, Western

WHALES

(see also subdivision under Antarctic regions; Bering Sea, Kurile Islands, Pacific Ocean)

Effect of atmospheric cyclones on the Antarctic feeding grounds of whales [with summary in English] K V Beklemishev. Trudy Inst. okean. 51 121-141 '61.

Growth of newborn finback whales during the period of nursing V A Zemskii Trudy VNIRO 33:173-178 '56

Longevity and reproduction cycles in finback whales. V A Zemskii Trudy sov. Ikht kom no 12 60-67 '61

Materials on the development of teeth and determination of age in sperm whales A. A Berzin Trudy sov Ikht kom no 12 91-103 '61

Plankton and the feeding of baleen whales (Mystacoceti) [with summary in English]. S. K. Klumov. Trudy Inst. okean. 51.142-156 '61.

WHALING see subdivision under Antarctic regions

WHALING—BY-PRODUCTS

Investigating the work of the press used in briquetting whale meat meal. P. I. Gusev, K E Korenkov. Trudy VNIRO 39.197-206 '59.

WHEAT

(see also subdivision under Ukraine)

Biochemical characteristics of perennial wheats. A. V Blagoveshchenskii, S. M. Sokolova. Bot. zhur. 46 no 6. 886-889 Je '61.

Changes in wheat starch undergoing hydrothermal treatment. M. G. Stoliar. Spirt. prom. 27 no. 4:16-19 '61.

Copper requirement of spring wheat during its ontogeny [with summary in English]. S. N Drozdov. Bot. zhur. 46 no 6:815-823 Je '61.

Development of the ear of Triticum turgidum L. Var. Aeternum Ostr. under various light conditions. S. A. Ostrenko Dokl. TSKhA no. 59 137-141 '60.

Effect of mechanical injury of grain on the germinating capacity of hard wheat. M P. Savchenko. Uch. zap. Omsk. gos. ped. inst. no 12 29-46 '59.

Effect of preceding crops on winter wheat yields P O. Lut Visnyk sil'hosp. nauky 4 no. 7 22-27 Jl '61

Effect of temperatures below the freezing point on the germinating capacity of stored hard wheat. M. P. Savchenko. Uch zap. Omsk. gos. ped. inst. no. 12:3-20 '59.

Effect of various soil cultivation practices on spring wheat yields. M Bolobolova Dokl TSKhA no. 63 27-32 '61.

Effect of various soil cultivation practices on winter wheat yields M. G Chizhevskii, P. G. Kudelia Dokl. TSKhA no 63 21-26 '61.

Formation of winter hardiness in certain winter wheat varieties depending on environmental conditions and the stage of development [with summaries in English, German, and French]. F G. Kirichenko, IU P Shatin Vest sel'khoz nauki 6 no. 6:3-10 Je '61

Investigating regular features in the ripening of winter on stalk and in windrows. I. S. Chystiakov. Visnyk sil'hosp. nauky 4 no 7 28-32 Jl '61.

Porekal'skii, F. M. [Spring wheat] IArovaia pshenitsa. Moskva, Gos. izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 278 p.

(DA)

WHEAT—DISEASES AND PESTS

Shield bug, main enemy of durum and soft wheats. E. I. Zashch. rast. ot vred. i bol. 5 no. 1:58 Ja '60.

WHEAT—FERTILIZERS AND MANURES

(see also subdivision under Alma-Ata Province; Murmansk Province; Tula Province)

Effect of nitrofoska and silvin on winter wheat yields V A. Sukhoivanov, V G. Mukhin. Doklady TSKhA no. 57: 119-123 '59.

Leaf analysis of nutrition and foliar nitrogen feeding of spring wheat. N. K Boldyrev Izv. Sib otd. AN SSSR no 4:79-85 '61.

WHEAT BREEDING

Breeding winter wheat for cold resistance under field conditions A A Horlach. Visnyk sil' hosp nauky 4 no 6 58-62 Je '61

WHEAT MILLING

Milling durum wheat into macaroni flour. A. Brahkit i. Muk.-elev. prom. 27 no 5 10-11 My '61.

WHEELS—STANDARDS

Wheels for cranes D A. Bogushev Standartizatsiia 25 no 6.57 Je '61

WHITE RUSSIA—ACCOUNTING

Conference of the activist group of statistical organs' workers in the White Russian S S R K B Vest stat no 6 79-80 '61

WHITE RUSSIA—AGRICULTURE

A debt of rural toilers' honor. P. Bondar'. Komm. Bel. 35 no. 3:31-36 Mr '61.

New achievements of Soviet White Russia. M. Gorauskii. Komm. Vooruzh. Sil 1 no. 14:39-42 Jl '61.

WHITE RUSSIA—AMATEUR THEATRICALS

Our responsibility. B. Platonov. Teatr 21 no 6: 175-176 Je '61

WHITE RUSSIA—BRICK INDUSTRY

Wage payment based on the finished product and the development of collectivism I Akimova, T Shatova Sots trud 6 no 5 118-123 My '61

WHITE RUSSIA—CHILDREN—CARE AND HYGIENE

In the Ministry of Public Health of the White Russian S S. R. Zdrav Bel 7 no 5 77-78 My '61

WHITE RUSSIA—CLAY

Building with crude clay F. Il'ichenko, N. Sovpel', Sel'. stroi. 16 no. 5:6-7 My '61

WHITE RUSSIA—COLLECTIVE FARMS

Collective farms are the schools of communism for the peasantry K. Orlovskii. Kommunist 38 no. 8. 103-113 Jl '61.

We should strengthen the collective farms which lag. S. Prityts'kii. Part. zhizn' no. 14 9-15 Jl '61.

WHITE RUSSIA—COMMUNICABLE DISEASES—PREVENTION

Prevention of infectious diseases at a feldsher-midwife center. G A. Moroz. Zdrav Bel 7 no 5 43-44 My '61

WHITE RUSSIA—COMMUNIST PARTY OF THE SOVIET UNION

A study devoted to an important problem ("How the Communist Party of White Russia struggled for the strengthening of the alliance of workers and rural toilers during the reconstruction period from 1921 to 1925" by M E. Shkliar Reviewed by IA. I. Alekseiadrov) Vop. ist KPSS 5 no. 4:184-189 '61.

WHITE RUSSIA—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Let's improve the organizational work of the party. Komm. Bel. 35 no. 3:2-7 Mr '61.

A little about everything. Komm. Bel. 35 no. 3:77-78 Mr '61.

WHITE RUSSIA—CONSTRUCTION INDUSTRY

In the State Construction Office of the White Russian S. S. R. Biul. stroi. tekh. 18 no. 4:39-40 Ap '61.

WHITE RUSSIA—CRIMINAL PROCEDURE

White Russia. Laws, statutes, etc. [The criminal procedure code of the White Russian S. S. R.] Kryminal'na-pratsesual'ny kodeks Belaruskai SSR; na belaruskai i ruskai movakh. Minsk, Dziarzh. vyd-va BSSR, Red. navukova-tekhn. lit-ry, 1961. 304 p. [Texts in White Russian and Russian.]

WHITE RUSSIA—CULTURE

A study devoted to a very important theme ("The development of White Russian socialist culture." Reviewed by A. Martinovich). Komm. Bel. 35 no. 3:72-76 Mr '61.

WHITE RUSSIA—FEED MILLS

Overcome lags in the feed-milling industry of White Russia. I. Pantiukhin. Muk.-elev prom. 27 no. 5-25-27 My '61.

WHITE RUSSIA—INDUSTRIES

In the notebooks of propagandists. Komm. Bel. 35 no. 3:58-60 Mr '61.

New achievements of Soviet White Russia. M. Gorauskii. Komm. Vooruzh. Sil 1 no. 14:39-42 Jl '61.

WHITE RUSSIA—JUSTICE, ADMINISTRATION OF

"Socialist legality in the work of the local soviets of the White Russian S. S. R., from 1917 to 1958." Reviewed by V. F. Kotok. Sov. gos. i pravo 31 no. 6:139-132 Je '61.

WHITE RUSSIA—LOCAL GOVERNMENT

"Socialist legality in the work of the local soviets of the White Russian S.S.R., from 1917 to 1958." Reviewed by V. F. Kotok. Sov. gos. i pravo 31 no. 6 139-142 Je '61

WHITE RUSSIA—MEDICAL PERSONNEL

Awards to medical personnel. Zdrav. Bel. 7 no. 5 76-77 My '61

WHITE RUSSIA—MILITARY EDUCATION

Visiting battle sites. Z. Slepchin. Voen. znan. 37 no. 6: 16 Je '61.

WHITE RUSSIA—MOTION PICTURES

For the creative development of the White Russian motion-picture industry. G. Kiselev. Komm. Bel. 35 no. 3:25-30 Mr '61.

WHITE RUSSIA—PETROLEUM GEOLOGY

Petroleum prospecting trends in White Russia. E. M. Lutkevich. Trudy VNIGRI no. 163:218-232 '60

WHITE RUSSIA—PLANT INTRODUCTION

Akademiia nauk BSSR, Minsk. Institut botaniki. [Trees and shrubbery introduced into the White Russian S.S.R.] Introdutsirovannye derev'ia i kustarniki v Belorusskoi SSR, Minsk.

No. 3. [Introduced woody plants of Siberia, Europe, the Mediterranean, the Crimea, the Caucasus, and Central Asia.] Introdutsirovannye drevesnye rastenitia flory Sibiri, Evropy, Sredizemnomor'ia, Kryma, Kavkaza i Srednei Azii. 1961. 333 p.

WHITE RUSSIA—POLITICS AND GOVERNMENT

With new strength. Komm. Bel. 35 no. 3:8-11 Mr '61.

WHITE RUSSIA—PUBLIC HEALTH

Glorious May Day. I. Kozhenkov. Zdrav. Bel. 7 no. 5 3-5 My '61

In the Ministry of Public Health of the White Russian S.S.R. Zdrav. Bel. 7 no. 5 77-78 My '61.

White Russian Society of Hygienists in 1960. M. Livshits. Zdrav. Bel. 7 no. 5 70-71 My '61

WHITE RUSSIA—RED CROSS

At congresses of the society. A. Petrova. Sov. kras. krest. 11 no. 3,23 My-Je '61.

WHITE RUSSIA—RED CROSS—CONGRESSES

Eighth Congress of the White Russian Red Cross Society. S. Kanyushnikov, G. Klebanov, M. Piletskii. Zdrav. Bel. 7 no. 5 64-67 My '61

WHITE RUSSIA—ROAD CONSTRUCTION

White Russian road workers are actively expediting the fulfilling of the decisions of the January Plenum of the Central Committee of the CPSU. I. Grigorovich. Avt. dor. 24 no. 5 4 My '61.

WHITE RUSSIA—SPRUCE

Physicomechanical properties of wood from spruce plantations of the White Russian S.S.R. A. F. Kiselev. Izv. vys. ucheb. zav., les. zhur. 4 no. 2:15-18 '61.

WHITE RUSSIA—STATISTICS—CONGRESSES

Conference of the activist group of statistical organs' workers in the White Russian S.S.R. K. B. Vest. stat. no. 6, 79-80 '61.

WHITE RUSSIA—SURGICAL SOCIETIES

Meeting of the Surgical Society. L. Guseva. Zdrav. Bel. 7 no. 5 71-72 My '61

WHITE RUSSIA—WATER SUPPLY

Determining the elements of balance in the water economy of the Western Dvina Basin (in the White Russian S.S.R.). P. D. Gatilo. Trudy Inst. energ. AN BSSR no. 12:250-276 '60.

WHITE RUSSIA—WELDING

Developments in welding procedures in White Russia. S. A. Karpenko. Svar. proizv. no. 7:33 Jl '61.

WHITE RUSSIA—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

Follow-up of articles published in "Kommunist Belorussii." Komm. Bel. 35 no. 3:79 Mr '61.

WHITE RUSSIAN LITERATURE—HISTORY AND CRITICISM

Works of a White Russian critic ("Road to literary mastery; development of K. Chorny's style" and "The creative method; literary criticism" by A. M. Adamovich. Reviewed by L. Novichenko). Vop. lit. no. 11: 214-221 N '60.

WHITE SEA—FISHERIES—RESEARCH

Interdepartmental conference on the problem "Theoretical foundations of efficient utilization, reproduction, and increase of fish stocks and other resources of the White Sea and inland waters of Karelia." N. G. Zavgorodniaia. Vop. ikht. 1 no. 2:372-374 '61

WHITE SEA—ORGANIC MATTER

Study of organic matter from Tsimlyansk Reservoir and the White Sea. V. G. Datsko, I. A. Goncharova. Gidrokhim. mat. 32 128-130 '61.

WHITE SEA—SEALS (ANIMALS)

Age determination in the hard seal of the White Sea and the establishment of fishery norms for it. M. IA. IAkovenko. Trudy sov. ikht. kom. no. 12 192-199 '61

Some ecological aspects of seasonal range dynamics of the White Sea population of Greenland seals (Pagophoca groenlandica). K. K. Chapskii. Trudy sov. ikht. kom. no. 12 150-163 '61

WHITE WHALE

(see also subdivision under Russia, Northern)

Physical thermoregulation in the white whale (Delphinapterus leucas Pall.). V. M. Bel'kovich. Trudy sov. ikht. kom. no. 12 50-59 '61

WHITEFISHES

(see also subdivision under Baikal, Lake, Ob' River)

Raising the Baikal whitefish Coregonus autumnalis migratorius, a photosketch. Ryb. khoz. 37 no. 4 32-35 '61.

WHOLE AND PARTS (PHILOSOPHY)

How the idealist adherents of holism distort the problem of elements and structure [with summary in English]. V. I. Sviderskii. Vest. LGU 16 no. 11:61-72 '61.

WHOLESALE TRADE—STATISTICS

Basic principles of small-scale wholesale trade turnover. Vest. stat. no. 6:94-96 '61

WHOOPING COUGH

Comparative study of the sensitizing properties of first-phase pertussis culture and of the agglutinogen obtained from it [with summary in English]. A. V. Mashkov, Z. M. Mikhailova. Zhur. mikrobiol. epid. i immun. 31 no. 8,129-131 Ag '60.

Experimental studies on an alcoholic whooping cough vaccine [with summary in English]. I. S. Atseiova. Zhur. mikrobiol. epid. i immun. 32 no. 4 34-37 Ap '61

Significance of the peculiarities of Hemophilus pertussis strains in the appearance of nonspecific sensitization [with summary in English]. A. A. Kashnaeva and others. Zhur. mikrobiol. epid. i immun. 32 no. 1 38-42 Ap '61

Soluble antigen of pertussis bacillus for active immunization [with summary in English]. B. L. Palant. Zhur. mikrobiol. epid. i immun. 31 no. 8,57-60 Ag '60

Some epidemiological peculiarities of children's infections in Kaluga Province. Report No. 2. Seasonal character of measles and whooping cough. V. A. IAvrumov. Zhur. mikrobiol. epid. i immun. 31 no. 12 97-98 D '60.

Study of the reaction to and the immunological and epidemiological efficacy of pertussis-diphtheria vaccine [with summary in English]. I. S. Davydova, E. V. Khenkina. Zhur. mikrobiol. epid. i immun. 31 no. 8: 61-64 Ag '60

WILLOWS

Monoecious goat willow. T. T. Samusev. Bot. zhur. 46 no. 6,896-897 Je '61.

Thirsty willows. V. T. Belikov. Priroda 50 no. 7:112 Jl '61.

WILNO see Vilnius

WINCHES

Device for rewinding rope, cable, and wire. Transp. stroi. 11 no. 5:52 My '61.

Device for the brake lever of the U2-4-5 winch. M. G. Ibragimov. Bezop. truda v prom. 5 no. 7,30 Jl '61

Simplified hand windlasses. I. Ellinson, L. Grudin. Stroitel' no. 5:23-24 My '61.

WIND EROSION

Evaluating tillage implements on the basis of their ability to create a wind resistant soil surface. A. P. Bochkarev. Mekh. i elek. sots. sel'khoz. 19 no. 3, 22-25 '61

WIND PRESSURE

Designing an elliptical dome for wind load according to the momentless theory. V. IA. Pavilainen. Stroi. mekh. i rasch. soor. 3 no. 3:38-42 '61.

WINDBREAKS, SHELTERBELTS, ETC.

(see also subdivision under Volga Valley; West Kazakhstan Province)

Biennial plantings for track protection. O. P. Prokaziuk. Put' i put. khoz. 5 no. 5:28-29 My '61.

Effectiveness of shelterbelts planted by the cluster method. I. V. Kondratiuk. Visnyk sil'hosp. nauky 4 no. 5:63-68 My '61.

For a better improvement felling of trees. V. B. Lialkovich. Put' i put. khoz. 5 no. 5:26-27 My '61.

A green belt on quicksands. M. F. Voloshin. Put' i put. khoz. 5 no. 5:28 My '61.

Improving and replacing inadequate shelterbelts. A. A. Lishenko. Biul. nauch.-tekh. inform. Ukr. NIILKhA no. 2 29-35 '57.

Using 3-5 year-old saplings in shelterbelt afforestation. M. M. Myloserdov. Visnyk sil' hosp. nauky 4 no. 6 114-116 Je '61

We will create beautiful roadsides. M. A. Polozov. Put' i put. khoz. 5 no. 5 27 My '61

Windbreaks and shelterbelts. IU. P. Bialtovich. Biul. nauch.-tekh. inform. Ukr. NIILKhA no. 2:35-39 '57.

WINDBREAKS, SHELTERBELTS, ETC.—FROST DAMAGE

Plague of tree shelterbelts. M. V. Kondrashov, A. I. Gushchin, Z. M. Anan'ev. Put' i put. khoz. 5 no. 5 29 My '61.

WINDOWS—CLEANING

Cleaning glass. Stroitel' no. 5:14 My '61.

WINDS

Influence of southwestern winds on the appearance and spread of tularemia in the focus of the Don Delta [with summary in English]. A. A. Lub'ianchenko, M. T. Badalov, E. K. Kolmachidi. Zhur. mikrobiol. epid. i immun. 32 no. 5 55-61 My '61

Possible heating of the upper atmosphere by long-wave acoustic radiation. G. S. Golitsyn. Izv. AN SSSR. Ser. geofiz. no. 7 1092-1093 Jl '61

Relation between the fields of wind waves and currents. E. G. Nikiforov. Trudy Okean. kom. 10 no. 1:22-30 '60

Wind determination over mountains from the pressure field in case of a variable coefficient of friction in a limited and unlimited turbulent atmosphere. A. F. Diubiuk, Shui Shuo-tsin' [Hsu Hsueo-chin]. Izv. AN SSSR. Ser. geofiz. no. 7 1078-1084 Jl '61.

WINE AND WINE MAKING see subdivision under Armenia, Kazakhstan

WINGS

Rudiment of the distal ear feather in the wing of birds. B. K. Shtegman. Trudy Zool. inst. 29 227-256 '61

WIRE BROADCASTING

(see also subdivision under Kiev Province, Moscow region)

Grinberg, G. B., and A. P. Morozov. [Combination of equipment at electric communications and wire broadcasting repeater stations.] Sovmeshchenie oborudovaniia uzlitel'nogo punkta elektrosviazi i radiofikatsii. Moskva, Gos. izd-vo lit-ry po voprosam svlazi i radio, 1960. 49 p.

[MICROFILM]

Multiprogram broadcasting system using wire broadcasting network with steel wires. L. IA. Kantor. Vest. svlazi 21 no. 5,3-5 My '61

New cables for interdistrict communications and wire broadcasting networks. IA. G. Rozenberg. Vest. svlazi 21 no. 3:10-11 Mr '61.

Principal trends in the development and improvement of wire broadcasting engineering. I. A. Shamshin. Vest. svlazi 21 no. 4 8-9 Ap '61

We support the 22d Congress of the CPSU with our work and our creativeness. Vest svlazi 21 no. 5:2 My '61

WIRE DRAWING

Characteristics of the manufacture of powder wire. G. M. Tunkel'taub. Svar. proizv. no. 7:33 Jl '61.

Industrial experimentation in patenting rope wire in two baths. I. E. Braiman, R. I. Budinshtein. Izv. vys. ucheb. zav., chern. met. 4 no. 6:139-144 '61

Wire made of scrap metals. M. N. Babaev, V. G. Gubskii. Mashinostroitel' no. 6:19 Je '61.

WIRE INDUSTRY

(see also subdivisi

New t

Bia

WOAD

Growing woad for spring grazing D F Likhvar Visnyk sil'hosp nauky 4 no 5 55-57 My '61

WOLFRAMITE

Role of the structural factor in the formation of various types of quartz-wolframite deposits. E P Malinovskii. Geol rud. mestorozh no. 3 84-88 My-Je '61

WOMEN see subdivision under Italy

WOMEN—EMPLOYMENT

(see also subdivision under China, Central and South; North Kazakhstan Province)

A Communist. Aleksandra Zakharenko. Komm. Bel. 35 no. 3:11-16 Mr '61.

[Special rights of women workers and employees] L'goty po trudu dlia zhenshchin - rabochikh i sluzhashchikh. Moskva, Gos. izd-vo jurid. lit-ry, 1961. 44 p. (L'goty po sovetskomu zakonodatel'stvu)

We hope to extend the participation of women in communal economy. N. Sakharova. Komm. Ukr. 36 no. 7 62-79 Jl '61.

WOMEN—HEALTH AND HYGIENE

Survey of health education literature on the problems of health protection for women A N Shibaeva Sov. zdrav 19 no. 3 85-87 '60

WOMEN—PHYSICAL EDUCATION see Physical education for women

WOMEN—RIGHTS OF WOMEN

[Special rights of women workers and employees] L'goty po trudu dlia zhenshchin - rabochikh i sluzhashchikh. Moskva, Gos. izd-vo jurid. lit-ry, 1961. 44 p. (L'goty po sovetskomu zakonodatel'stvu)

WOMEN—STATISTICS see subdivision under Kirghizistan

WOMEN AND RELIGION

A message to the women of my country IEvhenila Dolyniuk Volov ateist no 3 3-6 Mr '61

Women and religion. IE Kononko Volov ateist no 2 38-43 F '61

WOMEN AS JOURNALISTS

"Realm of women." L. Emel'ianova, T. IAkovlev. Sov. pech no 7 37-39 Jl '61.

WOMEN IN AERONAUTICS

Bold crew. L. Litvinova Kryl. rod 12 no. 6 11-12 Je '61

WOMEN IN ART

Significance of women's images of the Paleolithic Period. S A Tokarev. Sov. arkheol 5 no 2 12-20 '61

WOMEN'S COLLEGES

Pedagogical life of the capital. Nar. obr. no. 7:125-126 Jl '61

WOOD

(see also subdivision under Ukraine)

Anatomical structure and physicomechanical properties of wood in the pear Pyrus hyrcana. Z A. Novruzova. Izv AN Azerb. SSR Ser biol. i med nauk no 2 25-29 '61

Physicomechanical properties of wood from spruce plantations of the White Russian S. S R. A. F Kiselev. Izv. vys. ucheb. zav.; les. zhur. 4 no. 2:15-18 '61

X-ray structure of bent crosscut birch wood. T. P Khukhrianskaia. Izv. vys. ucheb. zav., les. zhur. 4 no. 2:96-101 '61.

WOOD—CHEMISTRY

Nikitin, V. M. [Wood and cellulose chemistry] Khimiia drevesiny i tsellulozy. Izd. 2., perer. Moskva, Goslesbumizdat, 1960. 468 p.

Processing of plant materials by hydrolysis and pyrolysis. S. V. Chepigo. Khim. prom. no. 5:316-319 My '61.

WOOD—PRESERVATION

Impregnating wood for electric line poles. S. Solodovnikov. Sel'. stroi. 15 no. 4:20 Ap '61.

Lengthening the service life of forest products is a great task of national importance S. N. Gorshin. Les. prom 38 no. 6:1-2 Je '61.

WOOD—TABLES AND READY-RECKONERS

Determining volumetric weight of wood with variable moisture content. N. L Leont'ev. Standartizatsiia 25 no. 6:43-45 Je '61.

WOOD, COMPRESSED

Problems of investigating the machinability of hardboard. S. P. Bukina. Izv. vys. ucheb. zav., les. zhur. 4 no. 2: 126-130 '61.

WOOD PRESERVATIVES—SAFETY MEASURES

Piterskov, N. I. [Pamphlet on safety measures for wood preservation workers] Pamiatka po tekhnike bezopasnosti dlia rabochikh po antiseptirovaniiu drevesiny. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 23 p. (Tekhnika bezopasnosti)

WOOD-USING INDUSTRIES see subdivision under Moscow

WOOD WASTE

Chemical composition of woodworking waste L N Burde, V N Kozlov Izv Sib otd AN SSSR no 1 61-67 '61

Conference at the Exhibition of Achievements of the National Economy of the U S S R V V Protanskii Les prom. 39 no 6 24 Je '61

Equipment for the processing of sawmill waste Les. prom 39 no 6 30 Je '61

Green gold at your feet. V. Bratenko. Izobr. i rats. no. 7: 12-13 Jl '61.

Hardboards manufactured from sawmill waste by the Segezha Combine. V. A Shmarov Les prom 39 no. 5:22-24 My '61.

Industrial chips from sawmill wastes. I B Kudriashov Les prom. 39 no 6 7-10 Je '61

WOODEN BEARINGS

Investigating the effect of the size of a diametral gap on the performance of wooden sliding bearings. A V. Pavlenko. Izv. vys. ucheb. zav., mashinostr. no. 4 119-123 '61

WOODEN SHIPS see Ships, Wooden

WOODWORKING INDUSTRIES

Benenson, G. M., S. A. Obrazisov, and L. E. Bollatinskaia. [Prospects of the distribution of sawmills and woodworking industries] Perspektivy razmeshchenila lesopil'no-derevoobrabatyvaiushchei promyshlennosti. Moskva, Goslesbumizdat, 1960. 206 p.

Specialization in wood-processing combines. P. Borisenko Strol. i arkhit. 9 no. 4:28 Ap '61.

WOODWORKING INDUSTRIES—MANAGEMENT

Petrov, B. S. [Production organization and planning in the woodworking industries] Organizatsiia i planirovanie proizvodstva na derevoobrabatyvaiushchikh predpriiatiiakh. Moskva, Goslesbumizdat, 1960. 312 p.

WOODWORKING MACHINERY

Effect of the rigidity of elements in the veneer cutter on the process of plywood cutting. IU. P. Goncharov. Izv. vys. ucheb. zav., les. zhur. 4 no. 2 121-125 '61.

IAkovlev, N. F. [Manual for mechanics of woodworking enterprises] Spravochnik mekhanika derevoobrabatyvaiushchego predpriiatiia. Minsk, Gos. izd-vo BSSR Red. nauchno-tekhn. lit-ry, 1961. 400 p.

Russia (1923- U. S. S. R.) Vsesoiuznyi komitet standartov. [Wood milling machinery and equipment] Derevoobrabatyvaiushchie stanki i oborudovanie. Izd. ofitsial'noe. Moskva, 1961. 215 p. (SSSR. Gosudarstvennye standarty)

WOODY PLANTS

Effect of concentrated salt solutions on the physiology of swelling and germination in the seeds of some trees and shrubs S A Alekperov Izv. AN Azerb SSR Ser biol i med. nauk no 1 15-23 '61.

WOOL

Effect of feeding on the wool production of fine-wool lambs of different constitutional types. A. I Knizev Dokl TSKhA no. 61 129-136 '61

Effect of sodium sulfate fed to sheep on the yield and chemical composition of wool [with summary in English]. S. Z. Hzhyts'kyi, I. A. Makar. Ukr. biokhim. zhur 33 no. 3 326-331 '61.

Formation of the fleece in fine-wool sheep of Kirghizistan M N. Lushchikhin, V. M Steshenko. Izv. AN Kir. SSR, Ser biol nauk 2 no 5 69-70 '60

Individual differences in the development of wool fibers in fine-wool sheep. N A. Diomidova Trudy Inst. morf. zhiv no. 35 110-127 '61.

Structural and development characteristics of the fleece in fine-wool sheep of Kirghizistan I. B. Botbaev. Izv. AN Kir. SSR. Ser. biol nauk 2 no. 5:81-86 '60

WORK

Daily schedule and work capacity of fifth-grade pupils in connection with the introduction of polytechnical training. V. V Kryzhanivs'ka and others. Ped., akush. i gin. 23 no. 1:7-10 '61.

Material and ethical incentives for work. F. Pavlov. Komm. Ukr. 36 no. 7:18-26 Jl '61.

Meeting on psychological problems of industrial education and training in the school. E. A. Farsponova. Vop psikhol 7 no. 2:188-189 Mr-Ap '61.

Work arrangements following recovery from tuberculous meningitis. G. R. Khersonskii. Vrach. delo no. 4: 82-83 Ap '61.

WORK FUNCTION (PHYSICS)

Methods for determining the work function of microscopic areas on the surface of thermionic cathodes. A. V. Druzhinin. Izv. AN SSSR. Ser. fiz. 25 no. 6:730-734 Je '61.

WORKHOUSES

The development of Soviet corrective labor colonies [with summary in English] N A. Beliaev. Vest LGU 16 no. 11:111-120 '61.

WORKS COUNCILS

Businesslike attitude in the main thing Sov profsoiuzy 17 no 12 27 Je '61.

WORLD FEDERATION OF TRADE UNIONS

The Cuban revolution is invincible Vsem prof dvizh no 5 1-6 My '61

For improving the social insurance Vsem prof dvizh no 5 21 My '61

Proletarian's warm and brotherly solidarity I. ia Saillant Vsem. prof. dvizh no 5 1-2 My '61

Saillant, Louis. [The World Federation of Trade Unions in the service of the workers of all countries] Vsemirnaia federatsiia profsoiuzov na sluzhbe trudiashchikhsia vsekh stran. [Moskva] Izd-vo VTsSPS Profizdat, 1960. 140 p.

WORLD FEDERATION OF TRADE UNIONS—CONGRESS

Workers of "Krasnyi Proletarii" welcome you. I Fedchenko Vsem prof dvizh no 5 49-50 My '61

WORLD POLITICS

The basic problems of international relations in the first half of 1961 V. Gantman, S. Mikoian Kommunist no. 10:90-99 Jl '61

Chuvikov, P. A. [Ideology and foreign policy] Ideologiia i vneshniaia politika. Moskva, Izd-vo "Znanie," 1961. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 7, Mezhdunarodnaia, no. 11)

Command of the times — peace! Aleksei Nosenko Sov Ukr 10 no 2 134-140 F '60

Foster, William Zabulon. [The historic advance of world socialism. Translated from the English] Istoricheskii progress mirovogo sotsializma. Moskva, Gos. izd-vo polit. lit-ry, 1961. 95 p.

Heroic deeds; on the 10th anniversary of the day of victory. F. Chernyshev. Agitator no. 7:13-15 Ap '61.

Imperialism as a threat to cultural freedom Az. i Afr. segs. no. 6:52 Je '61.

Important matters in brief. Az. i Afr. segs. no. 3 59 Mr '61.

International notes. Nov. vrem. 10 no. 26:26-27 Je

International notes. Nov. vrem. 10 no. 27:23-24 Jl '61.

International notes. Nov vrem 10 no. 29 26-27 Jl

International notes. Nov. vrem. 10 no. 30:24-26 Jl

Lenin, I. M. [International relations during the new phase of the general crisis of capitalism] Mezhdunarodnye otnoshenila na novom etape obshchego krizisa kapitalizma. Moskva, Izd-vo "Znanie," 1961. 3[illegible] (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 7, Mezhdunarodnaia no. 12)

Lessons of history. Az. i Afr. segs. no. 6:4 Je '61.

The lessons of history. G. A. Deborin, G. F. Zaitsev, B. S Tel'pukhovskii Vop ist. KPSS 5 no 3 7-24 '61

The new forms of colonial slavery. D. Zarine. Agitator no. 7:16-18 Ap '61.

New phase in the struggle for carrying out the principle of peaceful coexistence Izv. vys. ucheb. zav., ekon. i no 1 3-11 '60.

On international topics. Pierre Cot. V zashch. mira no. 12:2-7 D '60.

The principal international problems Mezhdunar. zhiz. 8 no. 7:3-10 Jl '61.

Problems for research in the realm of postwar international relations. N N. Inozemtsev. Vest. AN SSSR 31 no. 6:48-56 Je '61.

Tiagunenko, V. L. [Disintegration of the colonial system of imperialism] Krushenie kolonial'noi sistemy imperializma. Moskva, Izd-vo "Znanie," 1961. 48 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, Ekonomika, no. 1)

World events. Nov. vrem. 10 no. 26:32 Je '61.

World events. Nov. vrem. 10 no. 27:32 Jl '61.

World events. Nov vrem. 10 no. 29:32 Jl '61

World events. Nov. vrem. 10 no. 30:32 Jl '61.

Zorin, V. S. [A Soviet man in outer space; outer space and politics] V kosmose sovetskii chelovek; kosmos i politika. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1961. 31 p.

WORLD WAR, 1939-1945

(see also subdivision under Arctic Ocean; Crimea, Czechoslovakia; France; Germany; Japan; Kazakhstan, Kiev; Perm Province; Russia, Northern; Switzerland; Ukraine; Ural Mountain region; White Russia)

Artillery in battles to defend the motherland. S. S. Varfolomeev. Voen. znan. 37 no. 6:5-6 Je '61.

At the Wilhelmstrasse twenty years ago. V. Berezhkov. Nov. vrem. 10 no. 26:8-10 Je '61.

Failure of German military strategy. N. Pavlenko. Nov vrem. 10 no. 26:3-6 Je '61.

Great feat of the Soviet people. S. Krasovskii Kryl rod. 12 no. 6 1-3 Je '61.

WORLD WAR, 1939-1945 (Continued)
Heroic deeds; on the 16th anniversary of the day of victory. F. Chernyshev. Agitator no. 7:13-15 Ap '61.
Heroism of millions. A. Kalachnikov. Voen. znan. 37 no. 5, 7-8 Je '61.
The lessons of history. G. A. Deborin, G. F. Zastavenko, B. S. Tel'pukhovskii. Vop. ist. KPSS 5 no. 3 7-21 '61
The lessons of history [with summary in English, pp. 215-216]. V. G. Pozniak. Vop. ist. no. 6:13-21 Je '61.
Moscow. Institut marksizma-leninizma. [History of the Great Patriotic War of the Soviet Union, 1941-1945; in six volumes] Istoriia Velikoi Otechestvennoi voiny Sovetskogo Soiuza, 1941-1945; v shesti tomakh. Red. komissiia: Pospelov, P. N. i dr. Moskva, Voen. izd-vo M-va obor. SSSR.
Vol. 2. [Repulse by the Soviet people of fascist Germany's perfidious attack on the U. S. S. R. Creating the conditions for a turning point in the war, June 1941 to November 1942] Otrazhenie sovetskim narodom verolomnogo napadeniia fashistskoi Germanii na SSSR. Sozdanie uslovii dlia korennogo pereloma v voine, iiun' 1941 g.-noiabr' 1942 g. 1961. 691 p.
Nekrich, A. M. [The war they called "phony."] Voina, kotoruiu nazvali "strannoi." Moskva, Izd-vo Akad. nauk SSSR, 1961. 158 p. (Nauchno-populiarnaia serila)
Past lessons must not be forgotten. V. Anfilov. Vokrug sveta no. 6:39-40 Je '61.
Riddles of the Great War. S. S. Smirnov. Sov. voin. 43 no. 10 9-10 My '61.
Severe lesson. B. Tel'pukhovskii. Voen. znan. 37 no. 6, 1-2 Je '61.
The 20th anniversary of the beginning of the Great Patriotic War. G. V. Vasil'ev, V. M. Shapko. Vop. ist. KPSS 5 no. 4 222-227 '61.
"Work in the name of victory" by V. S. Vasilenko. Reviewed by N. V. Nelidov. Vop. ist. no. 6 131-133 Je '61

WORLD WAR, 1939-1945—AERIAL OPERATIONS
Career in aviation. N. Denisov. Kryl. rod. 12 no. 2 17 F '61
From the same regiment. V. S. Grizodubova, A. M. Berkhezin. Vest. Vozd. Fl. no. 3 72-80 '61.
When the commander was threatened with danger. L. Kosov. Kryl. rod. 12 no. 7 18 Jl '61.

WORLD WAR, 1939-1945—BIBLIOGRAPHY see Bibliography—World War, 1939-1945

WORLD WAR, 1939-1945—DIPLOMATIC HISTORY
An important phase of Anglo-Soviet relations during the Second World War [with summary in English, pp. 217-219]. V. G. Trukhanovskii. Vop. ist. no. 6: 39-61 Je '61.
Wartime diplomatic mission. A. E. Bogomolov. Mezhdunar. zhizn' 8 no. 7 126-133 Jl '61

WORLD WAR, 1939-1945—ECONOMIC ASPECTS
On the 20th anniversary of the beginning of the Great Patriotic War of the Soviet people. G. Abishev. Nar. khoz. Kazakh. 19 no. 6:33-39 Je '61.

WORLD WAR, 1939-1945—ENGINEERING AND CONSTRUCTION
Mystery of the wolf's lair. Ioan Grigorescu. Vokrug sveta no. 6:39-42 Je '61.

WORLD WAR, 1939-1945—HISTORIOGRAPHY
Brief review of literature on the history of the Great Patriotic War. A. V. Karasev. Vop. ist. no. 6:115-125 Je '61.
"The Great Patriotic War of the Soviet Union, 1941-1945; a bibliographical index of Soviet historical studies from 1946 to 1959." Reviewed by M. L. Itkin. Vop. ist. no. 6: 129-131 Je '61.
If the Soviet Army wouldn't have... L. Bezymenskii. Novyi mir 37 no. 6, 195-217 Je '61

WORLD WAR, 1939-1945—MEDICAL AND SANITARY AFFAIRS
Sanitary and antiepidemic work in the partisan detachment of S. A. Kovpak, twice-decorated Hero of the U. S. S. R. N. K. Maevskaia. Vrach. delo no. 4:143-146 Ap '61.
[Soviet medicine in the Great Patriotic War 1941-1945] Opyt Sovetskoi meditsiny v Velikoi Otechestvennoi Voine 1941-1945 gg. Moskva, Medgiz.
Vol. 4. 1949. 547 p.
[Soviet medicine in the Great Patriotic War 1941-1945] Opyt Sovetskoi meditsiny v Velikoi Otechestvennoi Voine 1941-1945 gg. Moskva, Medgiz.
Vol. 20. 1949. 312 p.

WORLD WAR, 1939-1945—PERSONAL NARRATIVES
[Bearers of orders of glory; sketches] Kavalery ordenov slavy; ocherki. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 181 p.
Birfuzov, S. S. [When cannons thundered] Kogda gremeli pushki. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 278 p. (Voennye memuary)
Heroes of the Soviet Union tell their stories. Voen. znan. 37 no. 6-10 Je '61.
Military memoirs. N. Baranov. Voen. znan. 37 no. 6:30 Je '61.
[Soldiers of peace and truth] Soldaty mira i pravdy. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 330 p.

WORLD WAR, 1939-1945—PHOTOGRAPHY
One could never forget these pictures. A repetition of the horrors of fascism and of war can't be tolerated. E. Haldei. Sov. foto 21 no. 6-18 Je '61.

WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS
Heroes of the invisible front. Nov. vrem. 10 no. 26-6-8 Je '61.
Recalling days as a partisan. D. Novakovskii. Sov. voin. 43 no. 12 7 Je '61
[Young Guard; a collection of documents and recollections about the heroic struggle of the members of the underground movement in Krasnodon during the days of the fascist occupation, July 1942-February 1943] Molodaia gvardiia, sbornik dokumentov i vospominanii o geroicheskoi bor'be podpol'shchikov Krasnodona v dni vremennoi fashistskoi okkupatsii, iiul' 1942-fevral' 1943. Kiev, Izd-vo TsK LKSMU "Molod'," 1961. 276 p.

WORMS, INTESTINAL AND PARASITIC (see also subdivision under Baikhash, Lake; Caspian Sea; Issyk-Kul' region, Kirghizistan; Tien Shan Province)
The necessity of a thorough and systematic study of the parasites of commercial marine mammals. S. L. Delamure. Trudy sov. likht kom. no. 12, 222-232 '61
Ridding sheep of principal helminth diseases. F. O. Shtun'. Visnyk sil'hosp. nauky 4 no. 7 99-02 Jl '61.

WORTH
A thorough study of human values ("The values of life and culture" by V. P. Tugarinov. Reviewed by B. A. Runov and others). Vest. LGU 16 no. 11:139-142 '61

WOUNDS
Features of the development of traumatic shock in animals receiving propylactic pituitary gland adrenocorticotropic hormone [with summary in English]. V. K. Kulagin. Pat. fiziol. i eksp. terap. 5 no. 3:49-54 My-Je '61.
Immunization with tetratoxoid against wound infections [with summary in English]. A. I. Ugleva, I. M. Khaustova, V. O. Rozhdestvenskaia. Zhur. mikrobiol. epid. i immun. 31 no. 6:75-79 Ag '60
Seven-year plan and problems in traumatology. N. N. Priorov, A. M. Dvorkin. Vest. AMN SSSR 15 no. 2 73-79 '60
Treatment of severe traumatic shock [with summary in English]. T. N. Astakhova, I. V. Il'inskaia. Pat. fiziol. i eksp. terap. 5 no. 3:46-49 My-Je '61.
What does a scratch lead to? V. Kuzovleva. Sov. krasnoarmeets. 11 no. 3:22 My-Je '61.

WRESTLING
Studying wrestling technique on an impact dynamograph. M. G. Okroshidze. Teor. i prak. fiz. kul't. 23 no. 10, 762 '60.
Wrestling as a sport. A. Z. Katulin. Teor. i prak. fiz. kul't. 23 no. 5:387-389 '60.

WRESTLING—PSYCHOLOGICAL ASPECTS
Some changes in the latent period of verbal reactions in the condition of wrestlers before starting action. E. Genova. Probl. psikhol. sporta no. 1:138-147 '60

WRITING
Gilliarevskii, R. S., and V. S. Grivnin. [Distinguishing the written languages of the world] Opredelitel' iazykov mira po pis'mennostiam. Izd. 2., ispr. Moskva, Izd-vo vostochnoi lit-ry, 1961. 301 p.

X-RAY ABSORPTION
Study of the characteristic absorption of zinc and copper in aluminum and magnesium alloys [with summary in English]. S. M. Karal'nyi and others. Ukr. fiz. zhur. 6 no. 1 121-128 Ja-F '61

X-RAY CRYSTALLOGRAPHY
X-ray study of the crystal structure of nonferrous metals in conditions of alternating load at room and low temperatures. Iu. S. Terminasov, A. M. Toropov. Izv. vys. ucheb. zav.; tsvet. met. 4 no. 2:116-122 '61.

X-RAY MICROSCOPE
Problems arising in designing an X-ray microanalyzer. A. M. Soloviev, V. N. Vertsner. Izv. AN SSSR. Ser. fiz. 25 no. 6, 691-694 Je '61.
Scanning electron microscope, an X-ray microanalyzer. Iu. M. Kushnir and others. Izv. AN SSSR. Ser. fiz. 25 no. 6-695-700 Je '61.
X-ray diffraction microscopy; survey. V. M. Kardonskii, I. P. Kushnir. Zav. lab. 27 no. 6-705-711 '61.

X-RAY SPECTROSCOPY
Focusing Debye spectrum lines on a bent film in making a reciprocal lattice photography. N. I. Sandler. Zav. lab. 27 no. 6:755-758 '61.
Present state and prospects for the expansion of optical and X-ray spectrum analysis methods. I. G. Dem'ianikov, L. E. Naimark. Trudy Inst. met. i obogashch. AN Kazakh. SSR 3:67-75 '60.
Studying the width of the X-ray lines of aluminum deformed at 4.2 k. O. V. Klinov, B. I. Smirnov. Fiz. tver. tela 3 no. 5 1335-1337 My '61.
X-ray spectroscopic analysis with the use of the Tu-70 radiation source and differential filters. A. IA. IAkubovich, V. IU. Zalesskii. Zav. lab. 27 no. 6, 713-720 '61.

X RAY SPECTRUM see Spectrum, X ray

X RAYS
Photoeffect in the region of soft X rays. N. G. Nakhodkin, P. V. Mel'nik. Radiotekh. i elektron. 6 no. 7. 1209-1210 Jl '61.
Recording of X radiation by means of CdS photovaristors. O. Z. Zhmudskyi, I. IA. Kucherov, V. I. Shylanovskyi. Ukr. fiz. zhur. 6 no. 2 278-281 Mr-Ap '61

X RAYS—DIFFRACTION
"Apparatus for X-ray diffraction studies" by M. M. Umanskii. Reviewed by D. M. Kheiker. Zav. lab. 27 no. 6-767-768 '61
Diffractometric determination of the amount of alumina in an electrolyte. M. S. Beletskii, M. I. Ermanilmskii. Zav. lab. 27 no. 6 702-703 '61
Some X-ray diffraction methods for studying plastic deformations in metals. D. M. Vasil'ev, B. I. Smirnov. Usp. fiz. nauk 73 no. 3:503-558 Mr '61.
X-ray diffraction analysis in the physical laboratory of the "Dneprospetsstal'" Plant. IA. L. Spektor. Zav. lab. 27 no. 6 762-763 '61
"X-ray diffraction analysis of polycrystals" by N. N. Kachanov, L. I. Mirkin. Reviewed by A. E. Koval'skii. Zav. lab. 27 no. 6:760-767 '61.
X-ray diffraction microscopy; survey. V. M. Kardonskii, I. P. Kushnir. Zav. lab. 27 no. 6:705-711 '61.

X RAYS—EQUIPMENT AND SUPPLIES
Camera for the collimated X-ray photography of polycrystalline flat specimens. V. I. Arkharov, A. A. Sokolova, F. L. Shangareev. Zav. lab. 27 no. 6:751-753 '61.
Changing the circuit of the URS-70-KI X-ray apparatus for the operation with two electron tubes. O. D. Shashkov. Zav. lab. 27 no. 6, 758 '61
Small-size furnaces heated up to 1000° for KROS-1 cameras. V. D. Vitol. Zav. lab. 27 no. 6-753-754 '61.

X RAYS—INDUSTRIAL APPLICATIONS
Application of the method of small-angle scattering of X rays in the study of submicroscopic inhomogeneities in materials; survey. V. L. Kalikhman, IA. S. Umanskii. Zav. lab. 27 no. 6:691-696 '61.
Determining the orientation of the diffusion submicropores in a-brass by the method of small-angle scattering of X rays. V. L. Kalikhman, IA. S. Umanskii. Fiz. tver. tela 3 no. 2:331-335 F '61.
Eliminating the effect of texture on the intensity of lines during the X-ray examination of solid specimens. A. S. Kagan. Zav. lab. 27 no. 6:712-713 '61.
Present-day problems in the X-ray study of materials. IA. S. Umanskii. Zav. lab. 27 no. 6-635-637 '61.
Quantitative X-ray phase analysis of silicates. V. P. Stativa. Zav. lab. 27 no. 6:703-704 '61.
Use of x-ray phase analysis in the solution of various problems in the production of chemical reagents. Report No. 1. L. A. Shugam, V. M. Levina. Trudy IREA no. 22, 50-52 '58.
X-ray phase analysis of hardened bulk products. B. A. Brusilovskii. Zav. lab. 27 no. 6, 699-701 '61.

X RAYS—PHYSIOLOGICAL EFFECT
Effect of ionizing radiation on the composition of lipids in dog blood and the role of highly unsaturated acids in the course of radiation sickness. N. A. Nekovaleva.

X RAYS—THERAPEUTIC USE

Effectiveness of radiation treatment of laryngeal cancer in relation to the stage of the disease. D. E. Rozengauz, IA. F. Levin. Zhur. ush., nos. i gorl. bol. 21 no. 3 66-67 My-Je '61.

Use of Chaoul X-ray therapy in chronic tonsillitis [with summary in English]. N. F. Nazimok. Zhur. ush., nos. i gorl. bol. 21 no. 3:49-51 My-Je '61.

X-ray treatment of chronic highmoritis in children [with summary in English]. N. A. Dolgorozheva, M. M. Mints. Zhur. ush., nos. i gorl. bol. 20 no. 4:21-25 Jl-Ag '60.

X-ray treatment of malignant tumors of the upper and middle sections of the pharynx [with summary in English]. N. V. Moskovskaia. Zhur. ush., nos. i gorl. bol. 21 no. 3 33-38 My-Je '61.

XENOLITHS see subdivision under Tel'bes region

XIPHOSURA, FOSSIL see subdivision under Novoselovka region (Stalino Province)

XYLENE

Production of phthalic acids from the mixture of xylenes. Kh. IA. Khchelan, A. F. Pavlichev, A. G. Kostiuk. Khim. prom. no. 5:327-335 My '61.

Y-PARTICLES see Hyperons

YACHT-BUILDING

Pull-out table for yachts [from "Yachting," no. 4, 1960]. Sudostroenie 27 no 5,40 My '61

YACHTS AND YACHTING

(see also subdivision under Atlantic Ocean)

Can a sailing yacht move quicker than wind IU S Kriuchkov Sudostroenie 27 no 6 43-47 Je '61

Sport catamaran "Pyram" [from "Yacht," no. 3754, 1960] Sudostroenie 27 no 5:40 My '61

YAKHROMA VALLEY—LAND FORMS

The Dubna-Yakhroma lowland; landforms features. A. M. Absturov. Vop. geog. no. 51:132-147 '61.

YAKS

Bison-yak hybrids [with summary in English] V. D. Treus, E. P. Steklen'ov. Dop. AN URSR no 5 691-693 '61

YAKUTIA—DIAMOND MINES AND MINING

Yakut diamond country S Zaitsev Sov. voin 43 no 12 25-27 Je '61.

YAKUTIA—DIAMONDS

First results of the combined use of geophysical methods of direct prospecting for diamond deposits in the Yakut A S S. R V. M Bondarenko, O. A Demidovich, A G Tarkhov Izv vys ucheb. zav., geol i razv 4 no 2 118-132 F '61

YAKUTIA—FROZEN GROUND

Votiakov, I. N. [Physicochemical properties of permafrost grounds of Central Yakutia] Fiziko-mekhanicheskie svoistva nmogoletnemerzlykh gruntov TSentral'noi IAkutii. Moskva, Izd-vo Akad. nauk SSSR, 1961. 59 p.

YAKUTIA—GAS, NATURAL—GEOLOGY

Geologic structure, and oil and gas potentials of the Yakut A. S. S. R. A. K. Bobrov. Trudy VNIGRI no. 163, 72-139 '60.

YAKUTIA—PASTURES AND MEADOWS—FERTILIZERS AND MANURES

Fertilizer application to flooded lowland meadows in central Yakutia D. V. IAkushev Dokl TSKhA no 64 31-36 '61

YAKUTIA—PETROLEUM GEOLOGY

Geologic structure, and oil and gas potentials of the Yakut A. S. S. R. A. K. Bobrov

YAROSLAVL—PRECAST CONCRETE CONSTRUCTION

Petroleum tanks made of precast reinforced concrete. G. Vizirian Na stroi Ros. no. 2:17-19 F '61

YAROSLAVL—RUBBER INDUSTRY—HYGIENIC ASPECTS

Man glorifies himself by labor N Nechaev. Sov. kras. krest. 11 no 3 10 My-Je '61.

YAROSLAVL PROVINCE—FACTORIES—FIRES AND FIRE PREVENTION

Creativeness. D. Chuprina, P. Bakin. Pozh. delo 7 no. 6:12 Je '61.

YAROSLAVL PROVINCE—FIREMEN

First try-first success. I. Fedoseev. Pozh. delo 7 no. 6:10-11 Je '61.

YAROSLAVL PROVINCE—INDUSTRIES

Conference in YAroslavl. V. Gusev. NTO 3 no. 6:20 Je '61.

YAROSLAVL PROVINCE—MEDICAL PERSONNEL

Sixth Congress of Medical Personnel of Yaroslavl Province. IU. N. Verkhovskii Zdrav Ros Feder. 5 no. 6 42-43 Je '61.

YEAST

(see also subdivision under Biysk)

Cause of possible death of rabbits in immunization with yeast organisms [with summary in English] N. P Elinov, V V Bystrova Zhur. mikrobiol. epid i immun. 32 no. 1,68-73 Ja '61.

Comparative analysis of the restoration of diploid yeasts following alpha and gamma irradiation. V Bilushi, V. I. Korogodin. Dokl AN SSSR 138 no. 5:1208-1211 Je '61.

Effect of fresh brewer's yeast on the digestion and metabolism in cows under various feeding conditions A. V. Zhadan Visnyk sil'hosp. nauky 4 no 5 112-114 My '61

Preservation of the properties of vine yeasts by means of lyophilic drying [with summary in English]. Z. A. Ostroukhova Mikrobiologiia 30 no. 2 341-345 Mr-Ap '61.

Rate of biosynthetic processes in aerobic reproduction of Torulopsis utilis yeasts in media containing various sugars [with summary in English] K. P. Andreev. Mikrobiologiia 30 no. 2 315-322 Mr-Ap '61.

Role of chemical substances formed in water under ultrasonic irradiation in the damaging effect of ultrasonic waves on yeast cells. G. S. Komolova, M. S. Lovinson. Izv. Sib. otd. AN SSSR no. 5.80-85 '61.

Studies on the activity of yeast glucans in relation to the properdin system [with summary in English]. M. E. Preobrazhenskaia, V. M. Kuznetsova, E. L. Rozenfel'd. Vop. med. khim. 7 no. 2:158-163 Mr-Ap '61.

Study of the effectiveness of therapeutic Brucella vaccine prepared on a medium with yeast autolysates, experimental study [with summary in English] A. I. Zaitseva. Zhur. mikrobiol. epid. i immun 32 no 1.107-110 Ja '61

YEL'NYA DISTRICT—GLACIOLOGICAL RESEARCH

Interglacial deposits near the Village of Sukhoy Pochinok in Yel'nya District of Smolensk Province. N. IA. Kats, S V Kats. Bot. zhur. 46 no. 6 847-853 Je '61.

YENISEY RIDGE—PETROLOGY

Petrology of the crystalline Pre-Cambrian of the southern Yenisey Ridge [with summary in English]. L. F. Ainberg Biul. MOIP. Otd. geol. 34 no 5:3-48 S-O '59.

YENISEY RIDGE—ROCKS, IGNEOUS

Absolute age of intrusions in the eastern Tuva region and the Yenisey Range [with summary in English]. S. I. Zykov and others. Geokhimiia no. 7 547-560 '61.

YENISEY RIVER—NAVIGATION

Feasibility of lengthening the navigation season in the lower Yenisey. V. Antonov. Mor. flot 21 no. 6.34-35 Je '61.

YENISEY VALLEY—BAUXITE

Some errors in the characterization of the bauxite sediments in the Yenisey Valley portion of Siberia. K. V. Bogolepov, E. I. Pel'tek. Geol. i geofiz. no. 5:94-98 '61.

YENISEY VALLEY—PASTURES AND MEADOWS

Effect of herbicides on the botanical composition and the yield of floodland meadows of the lower Yenisey. A. D. Belorussova. Bot. zhur. 46 no. 6:876-880 Je '61.

YEREVAN see Erivan

YERGENI HILLS—AFFORESTATION

Possibility of eliminating the "dead horizon" of desiccation by forest shelterbelts [with summary in English]. S. IA. Kraevoi. Biul. MOIP. Otd. biol. 66 no. 2:85-97 Mr-Ap '61.

YERGENI HILLS—GLACIAL EPOCH

Old frozen formations in the Volga Valley and Yergeni Hills. S. K. Gorelov. Biul. MOIP. Otd. geol. 34 no. 5: 161-162 S-O '59.

YERGENI HILLS—SOILS

Light-colored Chestnut soils of the Yergeni Hills. M. N. Pershina. Dokl. TSKhA no. 60:117-122 '61.

YEVPATORIYA—NURSES AND NURSING

Nurses' councils. M M Shchikota. Med. sestra no 5 61-62 My '61.

YEYSK REGION—GEOLOGY, STRATIGRAPHIC

Discovery of upper Triassic marine deposits in the Yeysk-Berezanskiy area of southwestern Ciscaucasia V. L. Egoian, V. A Fimakov, K I Klitko Dokl. AN SSSR 138 no. 6:1417-1420 Je '61.

YOUNG COMMUNIST LEAGUE see Communist Youth League

YOUTH

(see also subdivision under Cuba; Scandinavia)

Akademiia nauk SSSR. [Science and youth] Nauka i molodezh', Moskva, 1960. 424 p.

A message to our young people. Vl. Lidin. Agitator no. 7:41-44 Ap '61.

[Soviet youth in the fine arts] Sovetskaia molodezh' v proizvedeniiakh izobrazitel'nogo iskusstva. Moskva, Sovetskii khudozhnik, 1961. 257 p. illus. [Parallel texts in Russian, German, English and French.]

What do you think about your generation and its problems? Vokrug sveta no 7,2 Jl '61

YOUTH—CONGRESSES

Rosheiov, P. N. [International Youth Forum] Vsemirnyi Forum molodezhi. Moskva, Izd-vo "Znanie," 1961. 36 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 10, Molodezhnaia, no. 12)

World youth forum will soon be here. A. A. Shchekov Vest. vys. shkoly 10 no. 6.93-95 Je '61

YOUTH MOVEMENT

Youth, peace and progress. G Kasholan. Vokrug sveta no. 7-1, 3 Jl '61

YTTERBIUM CHLORIDE

Principal erbium and ytterbium chlorides. N. V. Nikol'skii, V. B. Spivakovskii. Zhur. neorg. khim. 5 no 3 547-557 Mr '60.

YTTRIUM—ISOTOPES

Accumulation of the radioisotopes of strontium (89 5.) and yttrium (90) in mirror carp M. M. Telitchenko Rybkhoz. 37 no 5 40-43 '61.

YUGOSLAVIA—BIBLIOGRAPHY

[New literature on Yugoslavia.] Nov. lit. po IUg. no. 4 '61.

ZANZIBAR—ECONOMIC CONDITIONS

Zanzibar for the Zanzibari [with English summary in insert]. O. Martynenko. Az. i Afr. seg. no. 3:32-34 Mr '61.

ZANZIBAR—POLITICS AND GOVERNMENT

Zanzibar for the Zanzibari [with English summary in insert]. O. Martynenko. Az. i Afr. seg. no. 3:32-34 Mr '61.

ZAPOROZH'YE—CHILDREN'S CLUBS

There is no boredom in the court yard. N. Prokhorik. Komsom. zhizn' no. 2:26-28 Ja '60.

ZAPOROZH'YE—METALWORK

The output has been doubled. I. D. Vokha, V. G. Meshcheriakin. Mashinostroitel' no. 6:16 Je '61.

ZAPOROZH'YE—PHARMACY—STUDY AND TEACHING

First graduating class of druggists from the correspondence school. IU. I. Kolisnychenko. Farmatsev. zhur. 16 no. 3:76-77 '61.

ZAPOROZH'YE PROVINCE—GEOLOGY, STRATIGRAPHIC

Lower Cretaceous sediments of the Konka-Yalbuzinka [with summary in English]. V. M. Semenenko. Dop. AN URSR no. 6.792-792 '61.

Turonian and Coniacian deposits of the Konka-Yalbuzinka Land [with summary in English]. L. F. Plotnikova Dop. AN URSR no. 6:793-795 '61.

ZAPOROZH'YE PROVINCE—ROAD CONSTRUCTION

Zaporozh'ye Province interfarm road construction trusts. D. Belichenko. Sel'. stroi. 15 no. 4:22-23 Ap '61.

ZAPOROZH'YE PROVINCE—ROCKS, IGNEOUS

Mineralogy of ultrabasites of the Belozerskiy region [with summary in English]. V. D. Ladieva. Dop. AN URSR no. 6:801-805 '61.

ZAVETNOYE (CRIMEA)—STELE (ARCHAEOLOGY)

Two steles from the burial mound at the Zavetnoye village in the Crimea. N A. Bogdanova. Sov. arkheol. 3 no. 2:249-252 '61.

ZAVRIEV, KIRIAK SAMSONOVICH, 1891-

Seventieth birthday of Kiriak Samsonovich Zavriev. Gidrostroi 31 no. 5:62-63 My '61.

ZAYARSK REGION—BITUMEN

Occurences of bitumen in the Cambrian sediments laid bare by the Zayarsk key well. N. I Bogoroditskaia Trudy VNIGRI no. 163:557-570 '60.

ZAYSAN REGION—GEOLOGY, STRUCTURAL
Geological development of the southern Altai and the Zaysan Depression in the Cenozoic V S Erofeev Trudy Alt GMNII AN Kazakh SSR 9 72-77 '60

ZELINSKII, NIKOLAI DMITRIEVICH, 1861-1953
Hundredth anniversary of the birth of N D Zelinskii Vest AN SSSR 31 no 5 126-127 My '61

ZERAVSHAN VALLEY—WARBLERS
Biology of reproduction of the lesser whitethroat (Sylvia curruca affinis Blyth) in the Zeravshan Basin A K Sagitov Ornitologiia no 3 346-350 '60

ZEYA-BUREYA PLAIN—GAS, NATURAL—GEOLOGY
Lower Cretaceous sediments in the southern Zeya-Bureya downwarp in connection with oil and gas potentials [with summary in English]. V. S. Volkhonin and others. Geol i geofiz. no. 5 9-18 '61

ZEYA-BUREYA PLAIN—PETROLEUM GEOLOGY
Lower Cretaceous sediments in the southern Zeya-Bureya downwarp in connection with oil and gas potentials [with summary in English]. V S Volkhonin and others Geol. i geofiz no. 5 9-18 '61.

ZHDANOV—CONSTRUCTION INDUSTRY
In close cooperation. M. Mikhov. Part. zhizn' no. 14:34-38 Jl '61

ZHDANOV—ROLLING MILLS
Building the "1700" mill. G. Goskin, B. Strashko, N. Astreinov. Stroi. i arkhit. 9 no. 5 22-25 My '61.

ZHDANOV—STEEL INDUSTRY
In close cooperation. M. Mikhov. Part. zhizn' no. 14:34-38 Jl '61.

ZHELULI MOUNTAINS—FAULTS (GEOLOGY)
Upthrust at the western end of the Zhguli bank discovered by borehole observations. V. A. Dolitskii, L. I. Berman Dokl AN SSSR 138 no 6:1113-1116 Je '61

ZHITOMIR PROVINCE—MEASLES
Seasonal factors in measles B. L Cherkasskii Zhur mikrobiol epid i immun 32 no 4:146-148 Ap '61

ZHITOMIR PROVINCE—STOCK AND STOCKBREEDING—ACCOUNTING
Telegraph reporting is simplified Vest. stat no. 6. 73 '61.

ZHURAVSKII, DMITRII PETROVICH, 1810-1856
Podvarkov, G. A. [Dmitrii Petrovich Zhuravskii, Russian statistician and economist] Russkii statistik-ekonomist Dmitrii Petrovich Zhuravskii. Pod red. D. V. Savinskogo. [Moskva] Izd-vo Mosk. univ., 1961. 87 p.

ZILIM VALLEY—GEOLOGY
Some data on outcropping Neogene (Kinel' ?) formations and showings of the most recent tectonics in the Zilim Valley I. P. Varlamov. Vop. geol. vost. okr. Rus. platf. i Ufzh Urala no. 4:123-127 '59.

ZIRCONIUM—ANALYSIS
Poluektov, N. S. [Use of radioisotopes in investigations of the analytic chemistry of zirconium and hafnium] Primenenie radioaktivnykh izotopov v issledovaniiakh po analiticheskoi khimii tsirkoniia i gafniia. Moskva, 1955. 17 p. (Doklady, predstavlennye USSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

ZINC
Effect of preliminary chemical and heat treatment of iron and steel on their interaction with liquid zinc. D. IA. Gluskin. Metalloved. i term. obr. met. no. 3: 35-40 Mr '61.

Method for copper and zinc determination in a single sample of water. T. Kh. Kolesnikova Gidrokhim. mat. 32:165-170 '61.

ZINC—ANALYSIS
Complexometric method for the determination of zinc in aluminum alloys. L. M. Budanova, T. V. Matrosova. Zav. lab. 27 no. 6:661-662 '61.

Complexometric method for the determination of zinc in aluminum alloys. L. M. Budanova, T. V. Matrosova. Zav. lab. 27 no. 6:661-662 '61

Conductometric method of determining zinc in the presence of copper. G. B. Pasovskaia. Izv. vys. uchab. zav.; khim. i khim. tekh. 4 no. 1:160-161 '61.

Determination of zinc by the luminescence method with salicylaldehyde semicarbazone. E. A. Bozhevol'nov. Trudy IREA no. 22:65-69 '59.

Determination of zinc and antimony by the luminescence method with the use of benzoin. E. A. Bozhevol'nov. Trudy IREA no. 22:60-64 '58.

Fluorescence method used in the determination of micro-amounts of metals in the form of compounds of metal-thiocyanate (halide) with a basic dye. Report No. I. Determination of zinc by the fluorescence quenching of aqueous solution of rhodamine C [with summary in English]. A. K. Babko, Z. I. Chalaia. Zhur. anal. khim. 16 no. 3 268-271 My-Je '61.

ZINC—ELECTROMETALLURGY
(see also subdivision under Dzaudzhikau)
Continuous two-stage purification of zinc sulfate solutions from impurities N A Popov TSvet met 34 no 2 81-82 F '61

Direct recovery of metal zinc from slags by electrolysis with enlarged laboratory equipment S V. Lipkin Trudy Alt GMNII AN Kazakh. SSR 9 227-232 '60

New hydro- and electrometallurgical flowsheet for obtaining high purity zinc O A Khan, E. I Urubkova, V A Shestakova Trudy Alt GMNII AN Kazakh SSR 9 173-180 '60

Remelting high-purity cathode zinc. D. P. Zosimovich, N A Shvab TSvet met. 34 no. 6 27-32 Je '61.

Selecting an efficient method of purifying zinc electrolytes from cobalt F I Barotitskaia, IU S Press TSvet met. 34 no 2 38-43 F '61.

ZINC—ISOTOPES
Observing the resonance absorption of γ-rays in Zn^{67} [with summary in English]. S I. Akasenov and others Zhur eksp i teor fiz 40 no. 1 88-90 Ja '61.

ZINC—METALLURGY
Deep purification of zinc by distillation. V. V. Krapukhin, L. G. Povedskaia, S A Dishova. TSvet. met. 34 no. 6: 23-27 Je '61.

Reducing the content of acid-soluble zinc in the bottom discharging of a neutrally thickened pulp. D A Taraskin Trudy Alt GMNII AN Kazakh. SSR 9 243-244 '60.

ZINC—SPECTRA
Quantitative spectral analysis of vulcanizates in the ultraviolet. V. N. Gulimov, I P. Martiukhina. Kauch. i rez. 20 no. 6 36-37 Je '61.

ZINC-ANTIMONY ALLOYS—THERMAL PROPERTIES
Ways of increasing the thermoelectric properties of the semiconductor zinc-antimony alloy. D I Lainer, L. M Golubtsov TSvet met 34 no 2 69-74 F '61.

ZINC CHLORIDE
Interaction in the systems: $CdCl_2$ - $ZnCl_2$ - Al and $CdCl_2$ - TlCl - Al A. P Palkin, G G. Korotkikh, N. B Vlasenko. Zhur neorg. khim 5 no 3:637-641 Mr '60

ZINC HALIDES
Products of the addition of aniline and its derivatives to zinc halides A. V. Ablov, Z P Bernsnheva Zhur. neorg khim 5 no 3, 604-609 Mr '60

ZINC-LEAD ALLOYS see Lead-zinc alloys

ZINC ORES see subdivision under Amikol Valley

ZINC OXIDE
Grinding of zinc whites in a ball mill in a solvent medium. M. D. Bodnia and others. Lakokras. mat. i ikh prim. no. 3 62-63 '61.

Preparation of cadmium sulfate, zinc sulfate, and zinc oxide of high purity. I. I. Angelov, G N. Platnitskaia. Trudy IREA no. 22:155-158 '59.

ZINC PLATING
Profsoiuz rabochikh mashinostroeniia. TSentral'nyi komitet. [Safety instructions for tin and zinc platers working with the hot method] Instruktsiia po tekhnike bezopasnosti dlia liudi'shchikov i otsinkovshchikov, rabotaiuzhchikh goriachim sposobom. [Moskva] Mashgiz, 1960. 8 p.

ZINC SULFATE
Distribution of the isomorphic components during crystallization from aqueous solutions. Report No. 5. Study of the system $FeSO_4$ - $ZnSO_4$ - H_2O with the use of radioactive tracers. G. I. Gorshtein, N. I Silant'eva. Trudy IREA no. 22:12-17 '59.

Preparation of cadmium sulfate, zinc sulfate, and zinc oxide of high purity. I. I. Angelov, G. N Platnitskaia Trudy IREA no. 22:155-158 '59.

ZINC SULFIDE
Investigating the photodielectric relaxation time in the phosphor ZnS--Cu, Co. G. M. Malkin Fiz. tver. tela 3 no. 2:578-580 F '61.

Parallel investigation of the photodielectric effect and light sum in the phosphor ZnS--Cu, Co. G. M. Malkin. Fiz. tver. tela 3 no. 2:575-577 F '61

ZINCOGRAPHY
Zincographs on thin zinc. I. IA. Chernyshev. Poligr. proizv. no. 6:23 My '61.

ZINOV'EV, ANATOLII ANDREEVICH
A. A. Zinov'ev's seventieth birthday. Masl.-zhir. prom. 27 no 6:48 Je '61

ZIRCON
Investigating the process of decomposing zircon by sintering with limestone. G. E. Kaplan, T. D Uspenskaia, T V. Prianishnikova. TSvet. met. 34 no. 6:59-61 Je '61.

ZIRCONIUM
Genesis of titanium-zirconium placer deposits [with summary in English]. G. V. Nesterenko. Geol. i geofiz. no 5 31-38 '61.

Zirconium hafnium ratio in zircons from pegmatites of various composition I M Lipova, I D Shevaleevskii Geokhimiia no 7 634-636 '61.

ZIRCONIUM—ANALYSIS
Direct amperometric titration of zirconium by complexon III with a rotating tantalum microelectrode V. A. Khadeev, I. F. Kvashina Izv. vys. ucheb. zav., khim. i khim. tekh. 3 no. 2:251-257 '60.

Photometric determination of zirconium. A. K. Babko, V T Vasilenko. Zav. lab 27 no. 6:640-644 '61

ZIRCONIUM—ELECTROMETALLURGY
Investigating the separation of zirconium and hafnium on anionites. G. A. IAgodin, K. V. Orlov. Izv. vyu. ucheb. zav.; tsvet. met. 4 no. 2:92-96 '61.

ZIRCONIUM COMPOUNDS
Oxalate complexes of zirconium. A. K. Babko, L. I. Dubovenko Izv. vys ucheb. zav., khim. i khim. tekh. 3 no. 2 226-234 '60.

ZIRCONIUM ORGANIC COMPOUNDS
Synthesis of mixed chelate-type cyclopentadienyl compounds of zirconium R Kh Freidlina, E. M. Brainina, A N. Nesmeianov Dokl AN SSSR 138 no 6:1369-1372 Je '61

ZIRCONIUM OXIDE
Interaction of $BaCO_3$ with TiO_2 and ZrO_2 during heating E. K. Keler, N. B Karpenko. Zhur. neorg. khim. 5 no. 3:668-675 Mr '60.

Peroxide compounds of titanium, zirconium, and cerium as products of interaction between hydroxides and hydrogen peroxide. S. Z. Makarov, L V. Ladeinova. Izv. AN SSSR. Otd. khim. nauk no 6:958-964 Je '01.

ZIRCONYL CHLORIDE
Catalytic oxidation of iodide with hydrogen peroxide in the presence of zirconium salts. K. B. IAtsimirskii, L. P. Haizman. Zhur. neorg. khim. 5 no. 3:593-596 Mr '60.

Solubility and thermal stability of zirconyl chloride. L. N. Komissarova, V. E. Plyushchev, I. N. Kremenskaia. Zhur neorg. khim. 5 no. 3:580-582 Mr '60.

ZIZIPHORA
Prevention and treatment of experimental myocarditis with an infusion of Ziziphora Bunge. F. D. Dzhumagalieva Vest. AN Kazakh SSR 17 no. 6 79-80 Je '61.

ZOLOTOYE DISTRICT—COMMUNIST YOUTH LEAGUE
Attract and interest. V. Kusmattaev. Komsom. zhizn' no. 21 19-20 D '59.

ZONE MELTING
Electric slag remelting of steel [with summary in English] A F. Tregubenko, V. G. Speranskii, S A Leibenzon Stal' 21 no 3 233-238 Mr '61.

Preparation of high-purity cadmium by the method of zone melting. A. M. Mochalov. Trudy Alt. GMNII AN Kazakh. SSR 9 233-237 '60.

ZOOGEOGRAPHY—CONGRESSES
Second All-Union Conference on Problems in the Zoogeography of Dry Land. F. I Strautman. Zool. zhur 40 no. 6:953-955 Je '61.

ZOOLOGICAL GARDENS
Role of zoological parks in the epizootiology of trichinosis [with summary in English]. IU. A. Berezantsev. Zool. zhur. 40 no. 6:934-935 Je '61.

ZOOLOGICAL RESEARCH see subdivision under Tatar A. S. S. R.

ZOOLOGICAL SPECIMENS—COLLECTION AND PRESERVATION
Effect of fixation on the size of eggs, praelarvae, and larvae in some flounder species of the family Pleuronectidae. T. A. Pertseva-Ostroumova. Trudy Inst. okean. 43:337-345 '61.

ZOOLOGY
(see also subdivision under Bukovina)
Abrikosov, G. G., and others. [Zoology course in two volumes] Kurs zoologii, v dvukh tomakh. Pod red. B. S. Matveeva. Izd. 6. Moskva, Gos. izd-vo "Vysshaia shkola."
Vol. 1. [Invertebrate zoology] Zoologiia bespozvonochnykh. Pod red. G. G. Abrikosova i L. B. Levinsona. Izd. 6. 1961. 561 p.
Vol. 2. [Vertebrate zoology; Chordata] Zoologiia pozvonochnykh; khordovye. Pod red. B. S. Matveeva. Izd. 6. 1961. 473 p.

Monthly Index *of* Russian Accessions

Volume 14, No. 7 October 1961

THE LIBRARY OF CONGRESS
WASHINGTON : 1961

INTRODUCTORY NOTE

The MONTHLY INDEX OF RUSSIAN ACCESSIONS is a record of the publications in the Russian language issued in and outside the Soviet Union that are currently received by the Library of Congress and a group of cooperating libraries. Whenever possible, publications printed in other languages spoken in the Soviet Union are also included. However, publications issued in the languages of the U. S. S. R. and in countries of Eastern Europe are not included, since these are covered by the *East European Accessions Index*.

The MONTHLY INDEX consists of three parts. Part A lists monographic literature, but to accessions published earlier than 1956 are included. To facilitate the use of the INDEX by readers who are not thoroughly familiar with the Russian language, the title in the original language in Part A is preceded by an English translation in bracket.

Part B lists Russian periodicals received, but excludes those not primarily devoted to science. Certain Soviet periodicals are being translated into English in cover-to-cover and publication regularly in translation in the United States and other English-speaking countries. Whenever such translated periodicals, their publishers, subscription prices, etc., are given at the end of each issue of the *Monthly Index*. In Part B such periodicals are indicated by two asterisks before the periodical name.

Part C provides subject analysis of the monographic titles listed in Part A and of the articles appearing in the periodicals enumerated in the *List of Periodicals Currently Received* [illegible] at the beginning of Part C. The number and letter in parenthesis following each subject class indicate the class and subclass in which the periodical appears in Part B. For the convenience of readers desiring to examine only monographs or periodical articles, the monographic titles are printed in slightly heavier type than the periodical titles. The titles of monographs are given both in the original language and in English translation, whereas titles of periodical articles are given in English translation only.

Sample title: Electroaction of the brain in glaucoma. [N. N. Lvovich, G. M. Neĭdgardt. Vliianie [illegible] mozga pri [illegible]].

Explanation: An article with title given above in English translation, written by [illegible] G. M. Neĭdgardt, will be found in the [illegible] issue of [illegible] *Glaukoma*, vol. 20, no. 5, pages [illegible].

A cumulative list of periodicals included in the current volume appears [illegible] volume. The list is arranged by subject; the symbol of [illegible] Library of Congress, known to have the set of each periodical, follows each title.

Except in Part C, the material is divided into [illegible] subject classes and arranged alphabetically within each class. In addition, for the convenience of the reader, the material listed in Part B is subdivided within each subject class into several subclasses. All entries are transliterated according to the system used by the Library of Congress, except that ligatures are omitted. Unless otherwise indicated, all listed items are represented in the collections of the Library of Congress. [illegible] representing other libraries indicate when items are available in those libraries. Consult [illegible] a symbol indicate that at the time of receipt the material was available in another library but [illegible] in the Library of Congress.

Cumulative author, subject, and periodical location indexes to the first four volumes of the MONTHLY INDEX are available as separate publications. Beginning with Volume 5, [illegible] monograph, and a periodical location index for the entire volume are [illegible] appendixes to the first two issues of the following volume.

Orders for microfilm or photostat copies of the listed items that are in the collections of the Library of Congress may be placed with the Photoduplication Service, Library of Congress, Washington 25, D. C.

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L. C. card, 58-46562

*Volumes 1-10 (No. 9), 1956-1957, issued under title *Monthly List of Russian Accessions*

SYMBOLS OF LIBRARIES REPORTING RECEIPT OF PUBLICATIONS

AAP	Auburn University, Auburn, Ala.
AMAU	Air University Library, Maxwell Air Force Base, Montgomery, Ala.
AU	University of Alabama, University
AzU	University of Arizona, Tucson
C	California State Library, Sacramento
CCH	Honnold Library, Claremont, Calif.
CCP	Pomona College, Claremont, Calif.
CFS	Fresno State College, Fresno, Calif.
CL	Los Angeles Public Library
CLCM	Los Angeles County Museum Library, Los Angeles
CLL	Los Angeles County Law Library, Los Angeles
CLSU	University of Southern California, Los Angeles
CLU	University of California at Los Angeles
CPT	California Institute of Technology, Pasadena
CSf	San Francisco Public Library
CSfA	California Academy of Sciences, San Francisco
CSt	Stanford College Libraries, Stanford, Calif.
CSt-H	— The Hoover Institution on War, Revolution, and Peace
CStmoR	Rand Corporation, Santa Monica, Calif.
CU	University of California, Berkeley
CU-A	— University of California, Davis
CU-B	— Bancroft Library, Berkeley
CU-M	— Medical Center, San Francisco
CU-Riv	— College of Arts, Letters and Science, Riverside
CU-S	— Scripps Institution of Oceanography, La Jolla
CaAEU	University of Alberta, Edmonton, Canada
CaBVa	Vancouver Public Library, Vancouver, Canada
CaBVaU	University of British Columbia, Vancouver, Canada
CaBViPA	Provincial Archives, Victoria, Canada
CaMWM	Manitoba Medical College, Winnipeg, Canada
CaOKQ	Queen's University, Kingston, Canada
CaOLU	University of Western Ontario, London, Canada
CaOOG	Geological Survey of Canada, Ottawa, Canada
CaOOGB	Geographical Bureau Library, Ottawa, Canada
CaOON	National Research Council, Ottawa, Canada
CaOOS	Dominion Bureau of Statistics, Ottawa, Canada
CaOOU	University of Ottawa, Ottawa, Canada
CaOTR	Royal Canadian Institute, Toronto. (Collection included with CaOTU)
CaOTU	University of Toronto, Toronto, Canada
CaQMAI	Arctic Institute of North America, Montreal, Canada
CaQMM	McGill University, Montreal, Canada
CaQMMM	— Medical Library
CoBBS	U. S. National Bureau of Standards, Boulder Laboratories, Colorado
CoU	University of Colorado, Boulder
CtHT	Trinity College, Hartford, Conn.
CtW	Wesleyan University, Middletown, Conn.
CtY	Yale University, New Haven
CtY-L	— Law Library
CtY-M	— Medical School Library
DA	U. S. Department of Agriculture Library
DAIA	American Institute of Architects Library, Washington, D. C.
DBC	U. S. Bureau of the Census Library
DBS	U. S. Bureau of Standards Library
DC	U. S. Department of Commerce Library
DCU	Catholic University of America Library, Washington, D. C.
DDC	Dominican House of Studies, Immaculate Conception Convent Library, Washington, D. C.
DDO	Dumbarton Oaks Research Library of Harvard University, Washington, D. C.
DFR	Board of Governors of the Federal Reserve System
DI	U. S. Department of the Interior Library
DI-GS	— Geological Survey Library
DN	U. S. Department of the Navy Library
DN-HO	— Hydrographic Office Library
DN-RL	Naval Research Laboratory Library, Anacostia Station, Washington, D. C.
DNIH	National Institutes of Health Library, Bethesda, Md.
DNLM	U. S. National Library of Medicine
DNW	U. S. National War College Library, Fort McNair
DP	U. S. Patent Office Library
DS	U. S. Department of State Library
DSI	Smithsonian Institution Library, Washington, D. C.
DWB	U. S. Weather Bureau Library
DeU	University of Delaware, Newark
FMU	University of Miami, Coral Gables, Fla.
FTaSU	Florida State University, Tallahassee
FU	University of Florida, Gainesville
GAT	Georgia Institute of Technology, Atlanta
GEU	Emory University, Atlanta
GU	University of Georgia, Athens
ICA	Art Institute of Chicago, Chicago
ICF	Chicago Natural History Museum, Chicago
ICJ	John Crerar Library, Chicago
ICMILC	Midwest Inter-Library Center, Chicago
ICN	Newberry Library, Chicago
ICU	University of Chicago, Chicago
ICU-Y	Yerkes Observatory, Williams Bay, Wis.
ICarbS	Southern Illinois University, Carbondale
IEN	Northwestern University, Evanston, Ill.
IHi	Illinois State Historical Library, Springfield
IU	University of Illinois, Urbana
IaAS	Iowa State University of Science and Technology, Ames
IaU	State University of Iowa, Iowa City
IdNTS	National Reactor Testing Station, Technical Library, Phillips Petroleum Company, Idaho Falls, Idaho
In	Indiana State Library, Indianapolis
InIA	Indiana Academy of Science Library, Indianapolis
InLP	Purdue University, Lafayette, Ind.
InNd	University of Notre Dame, Notre Dame, Ind.
InU	Indiana University, Bloomington
KAS	St. Benedict's College, Atchison, Kan.
KU	University of Kansas, Lawrence
KU-M	— Medical Center Library, Kansas City
KyU	University of Kentucky, Lexington
LNHT	Howard-Tilton Memorial Library of Tulane University, New Orleans, La.
LU	Louisiana State University, Baton Rouge
MA	Amherst College, Amherst, Mass.
MB	Boston Public Library
MBU	Boston University
MBdAF	U. S. Air Force Cambridge Research Center, Bedford, Mass.
MCM	Massachusetts Institute of Technology, Cambridge, Mass.
MH	Harvard University, Cambridge, Mass.
MH-A	— Arnold Arboretum, Jamaica Plain
MH-AH	— Andover-Harvard Theological Seminary Library
MH-C	— Chemistry Library
MH-F	— Farlow Reference Library
MH-FA	— Fogg Art Museum Library
MH-GM	— Gordon McKay Library
MH-HY	— Harvard-Yenching Institute (Chinese-Japanese Library)
MH-L	— Law School Library
MH-M	— Schools of Medicine, Public Health and Dental Medicine, Boston
MH-Mi	— Mineralogical Library
MH-P	— Peabody Museum Library
MH-PR	— Physics Research Library
MH-SD	— Graduate School of Design Library
MH-Z	— Museum of Comparative Zoology Library
MNS	Smith College, Northampton, Mass.
MWelC	Wellesley College, Wellesley, Mass.

MWhB	Marine Biological Laboratory, Woods Hole, Mass.
MdBJ	Johns Hopkins University, Baltimore
MdBWA	Walters Art Gallery, Baltimore
MeB	Bowdoin College, Brunswick, Maine
MeWC	Colby College, Waterville, Maine
MiD	Detroit Public Library
MiDA	Detroit Institute of Arts
MiDW	Wayne State University, Detroit
MiEM	Michigan State University, East Lansing
MiU	University of Michigan, Ann Arbor
MiU-C	— William L. Clements Library
MiU-L	— Law Library
MnU	University of Minnesota, Minneapolis
MnU-B	— Bio-Medical Library
MnU-L	— Law Library
MoKL	Linda Hall Library, Kansas City
MoRM	University of Missouri School of Mines and Metallurgy, Rolla
MoS	St. Louis Public Library
MoSU	St. Louis University, St. Louis
MoSW	Washington University, St. Louis
MoU	University of Missouri, Columbia
MsSM	Mississippi State University, State College
MsU	University of Mississippi, Oxford
MtBC	Montana State College, Bozeman
MtU	Montana State University, Missoula
N	New York State Library, Albany
NB	Brooklyn Public Library
NBC	Brooklyn College, Brooklyn
NBM	Medical Society of the County of Kings and Academy of Medicine of Brooklyn Library, Brooklyn
NBSU-M	State University of New York, College of Medicine Downstate Medical Center Library, Brooklyn
NCorniC	Corning Glass Works Library, Corning, N. Y.
NIC	Cornell University, Ithaca, N. Y.
NIC-A	— State Colleges of Agriculture and Home Economics
NN	New York Public Library
NNC	Columbia University, New York
NNC-L	— Law Library
NNC-M	— Medical Library
NNC-T	— Teachers College Library
NNE	Engineering Societies Library, New York
NNF	Fordham University, New York
NNIS	Library for Intercultural Studies, New York
NNJ	Jewish Theological Seminary of America, New York
NNM	American Museum of Natural History, New York
NNMM	Metropolitan Museum of Art Library, New York
NNNAM	New York Academy of Medicine, New York
NNR	Russell Sage Foundation, College of the City of New York

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NjMuB	Bell Telephone Laboratories, Murray Hill, N. J.
NjN	Newark Public Library, Newark, N. J.
NjP	Princeton University, Princeton, N. J.
NjR	Rutgers University, New Brunswick, N. J.
OCH	Hebrew Union College, Cincinnati
OCU	University of Cincinnati, Cincinnati
OCl	Cleveland Public Library
OClBHS	Benedictine High School, Cleveland
OClJC	John Carroll University, Cleveland
OClM	Cleveland Medical Library
OClMA	Cleveland Museum of Art
OClW	Western Reserve University, Cleveland
OCoB	Battelle Memorial Institute, Columbus
OO	Oberlin College, Oberlin, Ohio
OOxM	Miami University, Oxford, Ohio
OSte	Carnegie Library, Steubenville, Ohio
OU	Ohio State University, Columbus
OkS	Oklahoma State University, Stillwater
OkU	University of Oklahoma, Norman
OrCS	Oregon State College, Corvallis
OrPR	Reed College, Portland, Ore.
OrU	University of Oregon, Eugene
P	Pennsylvania State Library, Harrisburg
PBL	Lehigh University, Bethlehem, Pa.
PBm	Bryn Mawr College, Bryn Mawr, Pa.
PHC	Haverford College, Haverford, Pa.
PLF	Franklin and Marshall College, Lancaster, Pa.
PP	Free Library of Philadelphia
PPAN	Academy of Natural Sciences, Philadelphia
PPAmP	American Philosophical Society, Philadelphia
PPC	College of Physicians of Philadelphia
PPDrop	Dropsie College for Hebrew and Cognate Learning, Philadelphia
PPPM	Philadelphia Museum of Art
PPT	Temple University, Philadelphia
PPWI	Wistar Institute of Anatomy and Biology, Philadelphia
PPiCI	Carnegie Institute of Technology, Pittsburgh
PPiU	University of Pittsburgh, Pittsburgh
PRosC	Rosemont College, Rosemont, Pa.
PSC	Swarthmore College, Swarthmore, Pa.
PSt	Pennsylvania State University, University Park
PU	University of Pennsylvania, Philadelphia
PU-BZ	— Botany-Zoology Library
PU-El	— Moore School of Electrical Engineering Library
PU-FA	— School of Fine Arts Library
PU-Math	— Mathematics-Physics Library
PU-Mu	— University Museum Library
PU-Penn	— Penniman Library of Education
PU-Sc	— Towne Scientific School Library
RPB	Brown University, Providence, R. I.
TNJ	Joint University Libraries (Vanderbilt University, George Peabody College for Teachers, and Scarritt College), Nashville, Tenn.
TONS	Oak Ridge Institute of Nuclear Studies, Oak Ridge, Tenn.
TU	University of Tennessee, Knoxville
TxCM	Agricultural and Mechanical College of Texas, College Station
TxDaM	Southern Methodist University, Dallas
TxHR	Rice Institute, Houston
TxLT	Texas Technological College, Lubbock
TxU	University of Texas, Austin
ULA	Utah State Agricultural College, Logan
ViBlbV	Virginia Polytechnic Institute, Blacksburg
ViU	University of Virginia, Charlottesville
ViU-L	— Law Library
ViW	College of William and Mary, Williamsburg
VtMiM	Middlebury College, Middlebury, Vt.
VtU	University of Vermont and State Agricultural College, Burlington
WHi	State Historical Society of Wisconsin, Madison
WU	University of Wisconsin, Madison
WaU	University of Washington, Seattle
WvU	West Virginia University, Morgantown

MONTHLY INDEX OF RUSSIAN ACCESSIONS

LIBRARY OF CONGRESS—PROCESSING DEPARTMENT

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1. GENERAL

MOSCOW. VSESOIUZNYI INSTITUT NAUCHNOI I TEKHNICHESKOI INFORMATSII. [Scientific and cultural institutions of the U.S.A.] Nauchnye i kul'turnye uchrezhdeniia SShA. Moskva, 1961. 163 p.

[U.S.A. ANSWERS] SShA otvechaiut. Pod red. Kenneth E. Beer. Russkii perevod pod red. N.I. Bevad. New York, 1960. 652 p.

[UKRAINIAN SOVIET ENCYCLOPEDIA] Ukrains'ka radians'ka entsyklopediia. Holovna red. kolegiia: M.P. Bazhan ta inshi. Kyiv, Holovna red. Ukrains'koi radians'koi entsyklopedii.
Vol. 4. Dante - Eshelon. 560 p.

2. BIBLIOGRAPHY

AKADEMIIA NAUK SSSR. Institut russkoi literatury. [The Voltaire Library, a catalog of books] Biblioteka Vol'tera; katalog knig. Moskva, Izd-vo Akad. nauk SSSR, 1961. 1166 p.

[CONCISE TECHNICAL HANDBOOK FOR WORKERS IN THE PRINTING INDUSTRY] Kratkii tekhnicheskii spravochnik dlia rabotnikov poligraficheskikh predpriiatii. [Moskva, Iskusstvo]
Vol. 1. [1959]
(NNC)

FIRSOV, G.G. [Recording and cataloging of periodical publications magazines, newspapers, and serial publications] Registratsiia i opisanie periodicheskikh izdanii, zhurnaly, gazety i prodolzhaiushchiesia izdaniia. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 61 p.

KRYZHANOVSKAIA, Z.P. [Dissemination of technical literature in libraries of industrial enterprises] Opyt raboty po propagande tekhnicheskoi literatury bibliotekoi promyshlennogo predpriiatiia. Leningrad, 1961. 22 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Seriia: Metodika postanovki nauchno-tekhnicheskoi informatsii i propagandy)

MEZHDUNARODNAIA KNIGA. [Books published by the Academy of Sciences of the U.S.S.R. during 1961, a publication plan] Izdatel'stvo Akademii nauk SSSR; knigi 1961. Plan vypuska. Moskva, 1961. 323 p. (Katalog dlia zakazok, no. 29)

MEZHDUBIBLIOTECHNAIA KATALOGIZATSIONNAIA KOMISSIIA. [Classification tables for children's libraries] Tablitsy bibliotechnoi klassifikatsii dlia detskikh bibliotek. Moskva, Izd-vo Vses. knizhnoi palaty, 1959. 85 p.
(KU)

MOSCOW. PUBLICHNAIA BIBLIOTEKA. [Catalog of candidates' and doctoral dissertations received by the V.I. Lenin Library and the State Central Medical Library] Katalog kandidatskikh i doktorskikh dissertatsii, postupivshikh v Biblioteku imeni V.I. Lenina i Gosudarstvennuiu tsentral'nuiu nauchnuiu meditsinskuiu biblioteku v 3-m kvartale 1960 goda. Moskva, 1961. 240 p.

OMSK, SIBERIA. OBLASTNAIA BIBLIOTEKA IMENI A.S. PUSHKINA. Metodicheskii kabinet. [With love for one's work; collected articles on the activities of libraries] S liubov'iu k delu; sbornik statei ob opyte raboty bibliotek. Omsk, 1960. 67 p.

RUDNYTS'KYI, IA.B. [The Library of the Ukrainian National Prosvita Society of Port Arthur, Ontario] Biblioteka Tovarystva "Prosvita" v Port Arturi, Ontario. Vyd. 2. Winnipeg, 1961. 16 p. (Ukrains'ka Vil'na Akademiia nauk. Ser.: Litopis UVAN, no. 19)

ZIL'BERMINTS, L.V. [Use of bibliographical sources in information services] Bibliograficheskie istochniki i rabota s nimi v sluzhbakh informatsii. Leningrad, 1961. 18 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Seriia: Metodika postanovki nauchno-tekhnicheskoi informatsii i propagandy)

3. PHILOSOPHY & RELIGION

[AGAINST RELIGIOUS REMNANTS] Protiv religioznykh perezhitkov, nauchno-ateisticheskii sbornik. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1960. 78 p.

AGAPOV, B.N. [You're not alone in this world!] Ty ne odin na svete! Zametki publitsista. Moskva, Gos. izd-vo polit. lit-ry, 1961. 69 p. (Vremia i liudi: Iz serii o kommunisticheskoi morali)

AKADEMIIA NAUK SSSR. Institut filosofii. [Contemporary subjective idealism; critical essays] Sovremennyi sub"ektivnyi idealizm; kriticheskie ocherki. Moskva, Gos. izd-vo polit. lit-ry, 1957. 465 p.
(ICMILC)

AKSEL'ROD, GRIGORII. [With a cross and knuckle-duster] S krestom i knutotom; ocherk. Alma-Ata, Kazakhskoe gos. izd-vo khudozh. lit-ry, 1960. 9 p.

AVETIS'IAN, A.A. [Outline history of religion and atheism; the ancient world] Ocherki po istorii religii i ateizma; drevnii mir. Kiev, Izd-vo Akad. nauk, 1960. 194 p.
(NN)

BALABAN, G.IU. [The universe in the light of the universal theory of dynamic equilibrium] Real'nyi mir v svete universal'noi teorii podvizhnogo ravnovesiia. Hamilton, Ontario, 1960. 47 p.

BASKIN, M.P. [Philosophy and life] Filosofiia i zhizn'. Moskva, Izd-vo "Znanie" Vses. ob-va po raspr. polit. i nauchn. znanii, 1961. 39 p. (Narodnyi universitet kul'tury)

BASKIN, M.P. [What philosophy is] Chto takoe filosofiia. Izd. 2., dop. [Moskva] Mosk. rabochii, 1958. 70 p. (Obshchedostupnaia biblioteka po filosofii)
(IEN)

BATURIN, F.A. [I am going to the believers; story of a propagandist on the methods of work with the faithful] IA idu k veruiushchim; rasskaz agitatora o metodakh raboty s veruiushchimi. Moskva, Gos. izd-vo polit. lit-ry, 1961. 46 p.

BOCHORISHVILI, A.T. [Principal problems of psychology; a critique of bourgeois psychology] Printsipial'nye voprosy psikhologii; kritika burzhuaznoi psikhologii. Tbilisi, Akad. nauk Gruzinskoi SSR, 1957. [In Georgian with Russian summaries]
Vols. 1-2
(MH)

BOIARSKII, FEDOR. [Prophets; a sketch] Proroki; ocherk. Alma-Ata, Kazakhskoe gos. izd-vo khudozh. lit-ry, 1960. 12 p.

[CHAINS ARE TORN ASUNDER] Puty razorvany. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 93 p.

CHUGAEV, A.IA., ed. [Teaching methods and the study of V.I. Lenin's book "Materialism and empirio-criticism"] Voprosy metodiki prepodavaniia i izucheniia knigi B.I. Lenina "Materializm i empiriokrititsizm." [Moskva] Vysshaia shkola," 1961. 211 p.

DARMANSKII, P.F. [Flight from the dark; story of a former priest] Pobeg iz t'my; rasskaz byvshego sviashchennika. Moskva, Izd-vo "Sovetskaia Rossia," 1961. 110 p.

DAVID ANAKHT. [Defining philosophy] Opredelenija filosofii. Sbornyi kriticheskii tekst. Predisl. i kommentarii S.S. Arevshatiana. Erevan, Akad. nauk Armianskoi SSR, 1960. 167 p. (Pamiatniki armianskoi filosofskoi mysli, no. 2) [In Armenian and Russian.]
(MH)

DORONINA, A.A. [On true beauty, talks with members of brigades of communist labor] O nastoiashchei krasote; besedy s chlenami brigad kommunisticheskogo truda. [Riazan'] Riazanskoe knizhnoe izd-vo, 1960. 180 p.

IAKOBSON, P.M. [Study of feelings in children and adolescents; development of moral judgement in school children] Izuchenie chuvstv u detei i podrostkov, razvitie nravstvennykh otsenok u shkol'nikov. Moskva, Izd-vo Akad. pedagog. nauk RSFSR.
Pt. 2. [Psychology of feelings] Psikhologiia chuvstv. 1961. 213 p.

JOGAND-PAGES, GABRIEL ANTOINE. [A comic Bible. Translated from the French. Preface by V. Shishakov] Zabavnaia Biblia. Pod red. V. Shishakova. Moskva, Gos. izd-vo polit. lit-ry, 1961. 468 p. [Publ. under his pseud. Leo Taxil.]

KHRUSHCHEV, N.S. [Toward new successes in literature and art, a condensed version of a speech made at a meeting with representatives of the Soviet intelligentsia on July 17, 1960 during receptions in honor of writers and composers of the R.S.F.S.R.] K novym uspekham literatury i iskusstva, sokrashchennoe izlozhenie vystupleniia na vstreche s predstaviteliami sovetskoi intelligentsii 17 iiulia 1960 goda, na priemakh v chest' pisatelei i kompozitorov RSFSR. Moskva, Gos. izd-vo polit. lit-ry, 1961. 30 p.

KON, I.S. [Communist morals and bourgeois morals] Moral' kommunisticheskaia i moral' burzhuaznaia. Moskva, Gospolitizdat, 1960. 70 p. (Bibliotechka agitatora, no. 17)
(MH)

KOSICHEV, A.D. [How V.I. Lenin developed dialectical and historical materialism during the struggle for the establishment of the Marxist party in Russia, from 1894 to 1904] Razvitie V.I. Leninym dialekticheskogo i istoricheskogo materializma v period bor'by za sozdanie marksistskoi partii v Rossii; 1894-1904 gg. Moskva, Izd-vo "Znanie," 1961. 40 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, Filosofiia, no. 11)

KRUTIK, M.I. [What they still believe in] O tom, chemu eshche veriat. Moskva, Gospolitizdat, 1960. 55 p. (Besedy o religii i nauke)
(DS)

LEVYKIN, I.T. [On communist morals] O kommunisticheskoi nravstvennosti. [Orel] Orlovskoe knizhnoe izd-vo, 1960. 49 p.
(MH)

LIPKIVS'KII, VASIL'. Metropolitan of Kiev and all Ukraine. [History of the Ukrainian Orthodox Church] Istoriia Ukrains'koi Pravoslavnoi TSerkvy. Winnipeg, Nakladom fundatsii Ivana Gryshchuka,
Chapter 7. [Rebirth of the Ukrainian Church] Vidrodzhennia Ukrains'koi TSerkvy. Iz vstupom i zamitkamy S.V. Savchuka. 1961. lxxxviii, 181 p.

MIRZOEVA, SH.SH. [Criticism of present-day reactionary bourgeois aesthetics] Kritika sovremennoi reaktsionnoi burzhuaznoi estetiki. Baku, Akad. nauk Azerbaidzhanskoi SSR, 1960. 84 p.
(MH)

OSIPOVA, E.V. [Philosophy of the Polish enlightenment] Filosofiia pol'skogo prosveshchenila. Moskva, Izd-vo Akad. nauk SSSR, 1961. 251 p.

GRIGOR'EV, V. G. [Everyday heroism] Geroika budnei. Moskva, Izd-vo "Znanie," 1961. 48 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 10. Mobile lektsii. no. 10)

PISHCHALOV, I. M. [Attitude of the Soviet state toward religion] Otnoshenie Sovetskogo gosudarstva k religii. Moskva, Izd-vo "Znanie," 1961. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 1, Istorii, no. 19)

[PROGRESSIVE ATHEISM, popular articles] Voprosy ateizma, populiarnye stat'i. [Stalino] Kul'chitskoe i dr. izd-vo, "Stalino Bolshevik," 1960. 207 p.

RAZUMOVA, IONA. [Two ways, the moon is seven] Dve dorogi, luna o sem'iu lunami. Moskva, Izd-vo polit. lit-ry, 1961. 80 p.

RUSHCHENKO, N.A. [A word on the Bible] Slovo o Biblii. Moskva, Ob-vo po rasprostr. polit. i nauchn. znanii RSFSR, 1960. 30 p.

RUSSIA (1917- R.S.F.S.R.) Upravliaiushchie prezidiumami ot dela otvergaiushchikh. [Recommended subjects for lectures from papers on dialectical and historical materialism, for correspondence methods and for courses for departments of qualification of leaders of agitation] Primernaia tematika kontrol'nykh i kursovykh rabot po dialekticheskomu i istoricheskomu materializmu, dlia zaochnykh vysshikh shkol i fakul'tetov marksizma-leninizma pri obkomakh, gorkomakh i raikomakh partii. Moskva, Izd-vo polit. lit-ry, 1961. 61 p.

SOKOLOV, I. I., comp. [For the supplement of Lenin's articles in work] Za dopolnenie sobr. sochinenii Lenina. Kiev, Izd-vo polit. lit-ry, 1960. 189 p. (MH)

SVERDLOV, I. N. [How Dr. Marxism created philosophy of liberation] Kak doktor marksizm sozdal filosofiiu osvobozhdeniia. Revelations during the transition from capitalism to socialism] Iz vospominanii o bor'be bol'shevikov s vsiakogo roda burzhuaznymi, melkoburzhuaznymi i prochimi antipartiinymi techeniiami, gruppami i kapitalistami. [Moskva] Izd-vo Mosk. rabochii, 1961. 144 p.

TUPIKOV, G. V. [Medicine and religion] Meditsina i religiia. [Stalino] Gos. izd-vo Stalinskoi obl. lit-ry, 1960. 21 p. (Already a second edition)

UDOD, M. F. [Why you can not believe in the gospels] Pochemu nel'zia verit' evangel'skim skazaniiam. [Stalino, 1960] Stalinskoe obl. izd-vo, 1960. 31 p. (Already a second edition)

VARTANIAN, G. M. [The Leninist stage in the development of Marxist philosophy] O leninskom etape v razvitii filosofii marksizma. Erevan, Izd-vo Erevanskogo un-ta, 1960. 47 p. (MH)

VSESOIUZNOE SOVESHCHANIE PO VOPROSAM PODGOTOVKI [...], Moscow, 1957. [Reports presented at the Third All-Union Conference on Problems of Physical [...]] Fizkul'turnye dokladov. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1957. 184 p.

[WHY I BROKE WITH RELIGION] Pochemu ia poryval s religiei. Ashkhabad, Gos. izd-vo lit-ry po voprosam religii i ateizma Turkmenskoi SSR, 1960. 23 p.

4. HISTORY

AKADEMIIA NAUK GRUZINSKOI SSR, Tbilisi. [On the 45th anniversary of Soviet Armenia] Gruzinskoi Armenii 45 let. Tbilisi, 1965. 104 p. [In Georgian.] (MH)

AKADEMIIA NAUK GRUZINSKOI SSR, Tbilisi. Institut Istorii Gruzinskogo naroda Istoricheskii institut, Kalinin. [Recollections of participants in the revolution of 1905-1907 and the civil war of 1917-1921 in South Ossetia. Vospominaniia uchastnikov revoliutsii 1905-1907 gg. i grazhdanskoi voiny v Iuzhn. Osetii 1917-1921 gg. Kalinin, Gosizdat Kirgo Gorkii] 1960. 331 p. [In Ossetian.] (MH)

AKADEMIIA NAUK SSSR, Institut narodov Azii, [Oroshiyakoku nyumon] [Russian about Russia]. Translated from the Japanese] Oroshiyakoku nyumon (Key o Rossii). Izd. tekstа, perevod, vstup. stat'ia i kommentarii V. M. Konstantinova. Pod red. N. I. Konrada. Moskva, Izd-vo vostochnoi lit-ry, 1961. 136, 142 pp. (Pamiatniki literatury narodov Vostoka. Teksty. Malaia seriia, no. 2)

AKADEMIIA NAUK UZBEKSKOI SSR, Tashkent. Institut vostokovedeniia. [Governmental documents of Khiva during the 19th century] Gosudarstvennye dokumenty Khivy XIX v. Pod red. M. P. Iliushenova. Tashkent [In Uzbek.]
Vol. 2. 1960. 491 p.

KARAGUSOV, ZHANPEIS. [The Soviet Kazakh intelligentsia born of the October Revolution] Kazakhskaia sovetskaia intelligentsiia rozhdennaia Oktiabrem. Alma-Ata, Kazakhskoe gos. izd-vo, 1960. 140 p.
(WU)

KARPILENKO, S. T. [V. I. Lenin's book "Left Wing Communism, an Infantile Disorder"] Kniga V. I. Lenina "Detskaia bolezn 'levizny' v kommunizme." K 40-letiiu so dnia vykhoda v svet. Leningrad, 1960. 49 p.

KHARMANDARIAN, S. V. [Soviet Armenia during the fourth five-year plan, 1946-1950] Sovetskaia Armeniia v gody chetvertoi piatiletki, 1946-1950. Erevan, AN Armianskoi SSR, 1960. 220 p. [In Armenian.]
(MH)

KHEIFETS, F. A. [Paris Communards] Parizhskie kommunary. Moskva, Gos. izd-vo polit. lit-ry, 1961. 85 p.

KHOLMS'KYI, IVAN. [History of the Ukraine] Istoriia Ukrainy. Munich, Nakl. Naukovoho towarystva im. Shevchenka, 1949. 360 p. fold. maps (in pocket) (Biblioteka ukrainoznavstva, no. 2)
(IU)

KLIMOV, I. M. [The establishment and development of the Tatar A. S. S. R., from 1920 to 1926] Obrazovanie i razvitie Tatarskoi ASSR, 1920-1926. [Kazan'] Izd-vo Kazanskogo univ., 1960. 307 p.

KOBRIN, M. M. [World opinion on the free world] Mir o svobodnom mire. Moskva, Znanie, 1960. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 7; Mezhdunarodnaia, no. 19)
MH

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA Murmanskii oblastnoi komitet. Partiinyi arkhiv. [Struggle for the establishment and consolidation of the Soviet regime on the Kola Peninsula, collected documents and materials] Bor'ba za ustanovlenie i uprochenie Sovetskoi vlasti na Murmane; sbornik dokumentov i materialov. [Murmansk] Murmanskoe knizhnoe izd-vo, 1960. 492 p.

KONDRASHEV, I. F. [Outline history of the U. S. S. R., the Soviet country during the period of foreign military intervention and the civil war, 1918-1920] Ocherki istorii SSSR; sovetskaia strana v period inostrannoi voennoi interventsii i grazhdanskoi voiny, 1918-1920 g. g. Moskva, Gos. ucheb. pedagog. izd-vo, 1960. 397 p. illus., maps.
(NN)

KONDRAT'EV, V. A. [People's gift to Lenin] Narodnyi podarok Lenina. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 66 p.

KONDUFOR, IU. IU. [The Kharkov Bolshevist group "Vpered."] Khar'kovskaia bol'shevistskaia gruppa "Vpered." Khar'kov, Izd-vo Khar'kovskogo gos. univ. im. A. M. Gor'kogo, 1954. 49 p.
(CU)

KOROLEV, M. F. [In the forests of Kalevala; notes by a commissar of a partisan detachment] V lesakh Kalevaly; zapiski komissara partizanskogo otriada. [Vologda] Vologodskoe knizhnoe izd-vo, 1960. 198 p.
(NNC)

KOTVITSKII, M. A. [A heroic life] Put' geroia. Petrozavodsk, Gos. izd-vo Karel'skoi ASSR, 1961. 33 p.

KREER, A. M. ["Comrade Innokentii"] Tovarishch Innokentii. [Orel] Orlovskoe knizhnoe izd-vo, 1960. 137 p.

KUZNETSOV, B. G. [The creative path of Lomonosov] Tvorcheskii put' Lomonosova. Moskva, Izd-vo Akad. nauk SSSR, 1961. 373 p.

LANDA, R. G. [Algeria is breaking its chains] Alzhir sbrasyvaet okovy. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 154 p.

LIEBKNECHT, KARL PAUL AUGUST FRIEDRICH. [Selected speeches, letters, and articles. Preface by Wilhelm Pieck] Izbrannye rechi, pis'ma i stat'i. Moskva, Gos. izd-vo polit. lit-ry, 1961. 510 p.

LONGO, LUIGI. [International brigades in Spain] Internatsional'nye brigady v Ispanii. Moskva, Voen. izd-vo M-va obr. SSSR, 1960. 382 p.
(VIU)

MAKARENKO, IA. I. [In the days of victory; sketches] V dni pobedy; ocherki. Moskva, DOSAAF, 1960. 117 p.
(MH)

MAKEDONSKII, M. A. [Blaze over the Crimea, memoirs of a commander of the southern formation of partisan detachments in the Crimea] Plamia nad Krymom, vospominaniia komandira iuzhnogo soedineniia partizanskikh otriadov Kryma. Simferopol', Krymizdat, 1960. 252 p.
(MH)

MARKOV, I. S. [The Bolshevik Party during the first Russian Revolution from 1905 to 1907] Partiia bol'shevikov v period pervoi russkoi revoliutsii 1905-1907 gg., sekretar. Otv. red. I. B. Chelnapov. Moskva, 1960. 55 p.
(MH)

MARTYNETS', VOLODYMYR. [Brojce, a German concentration camp] Bratz; nimets'kyi kontsentratsiinyi tabir. Stuttgart, "Kep," 1946. 120 p.
(CtY)

MKRTCHIAN, S. A., and R. M. SHIROIAN. [They live in our hearts] Oni zhivut v nashikh serdtsakh. Erevan, Gos. izd-vo Armianskoi SSR, 1960. 113 p.

MOKIN, V. V. [From the Stokhod to the Crimea; an officer's notebook] Ot Stokhoda do Kryma, zapiski ofitsera. Simferopol', Krymizdat, 1960. 63 p.
(MH)

MOSCOW. UNIVERSITET. Istoricheskii fakul'tet. [The archaeological collection] Arkheologicheskii sbornik. [Moskva] 1961. 69 p.

OHLOBLYN, OLEXANDER. [Hetman Ivan Mazepa and his era] Het'man Ivan Mazepa ta ioho doba. New York, Vyd-vo OOChSU-LVU, 1960. 406 p.
(CnOOU)

[OUR GREAT MOTHERLAND] Nasha velikaia Rodina. Moskva, Gos. izd-vo polit. lit-ry, 1961. 613 p.

PACHOVS'KYI, VASYL'. [Silver Land, one thousand years of the Carpathian Ukraine in a historical sketch with a map] Sribna Zemlia, tysiacholittia Karpats'koi Ukrainy, narys istorii z mapoiu. Vyd. 2 nezminene. New York, Nakl. Vyd-va "Hoverlia," 1959. 69 p. (Istorychno-politychna biblioteka, " no. 1)
(InU)

[PAST CAMPAIGNS, reminiscences of Slovak Red Army participants in the Great October Socialist Revolution and the civil war in the U. S. S. R. Translated from the Slovak] Bylye pokhody, vospominaniia slovatskikh krasnoarmeitsev-uchastnikov Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii i grazhdanskoi voiny v SSSR. Pod obshchei red. i s predisl. V. D. Kariakina. Moskva, Voen. izd-vo, 1961. 253 p.
(CSt-H)

PLUTARCHUS. [Parallel lives; in three volumes. Translated from the classical Greek] Sravnitel'nye zhizneopisaniia, v trekh tomakh. Izd. podgotovili S. P. Markish i S. I. Sobolevskii. Moskva, Izd-vo Akad. nauk SSSR. (Literaturnye pamiatniki)
Vol. I 1961. 502 p.

[THE REVOLUTIONARY MOVEMENT IN SEPTEMBER 1917; the Russian national crisis] Revoliutsionnoe dvizhenie v Rossii v sentiabre 1917 g. obshchenatsional'nyi krizis. Redkollegiia sbornik: D. A. Chugaev i dr. Moskva, Izd-vo Akad. nauk SSSR, 1961. 620 p. (Vetikaia Oktiabr'skaia sotsialisticheskaia revoliutsiia. Dokumenty i materialy)

RIABOV, N. F. [We are from the Vyborg Quarter; memoirs] My - s Vyborgskoi storony; vospominaniia. Moskva, Izd-vo sotsial'no-ekon. lit-ry "Sotsekgiz," 1961. 110 p.

SAIAKHOV, F. L., ed. [On V. I. Lenin's ninetieth birthday] K devianostoletiiu so dnia rozhdeniia V. I. Lenina; sbornik statei. Ufa, 1960. 132 p.
(MH)

SAIRANOV, KH. S., V. P. CHEMERIS, and B. KH. IULDASHBAEV, eds. [For the rule of the Soviets, collected reminiscences of the revolutionists who participated in the October Revolution and civil war in Bashkiria] Za vlast' Sovetov; sbornik vospominanii uchastnikov Oktiabr'skoi revoliutsii i grazhdanskoi voiny v Bashkirii. Ufa, Bashkirskoe knizhnoe izd-vo, 1961. 309 p.

SEIFI, NUR. [Fulfilled dreams; reminiscences of an old activist of the Communist Youth League] Mechty stali byl'iu; iz vospominanii starogo komsomol'skogo aktivista. Kazan', Tatarskoe knizhnoe izd-vo, 1960. 111 p.

SHIGA, YOSHIO. [Portraits of Japanese revolutionists. Translated from the Japanese] Portrety deiatelei revoliutsionnogo dvizheniia Iaponii. Red. i vstup. stat'ia A. N. Romanova. Moskva, Izd-vo inostr. lit-ry, 1961. 277 p.

SHPIL'KOVA, V. I. [Imperialist policy of the U. S. A. toward Turkey, from 1914 to 1920, a textbook] Imperialisticheskaia politika SShA v otnoshenii Turtsii, 1914-1920 gg.; uchebnoe posobie. Pod red. A. I. Moloka. Moskva, Mosk. gos. pedagog. in-t im. V. I. Lenina, 1960. 152 p.

SIROTA, F. I. [Leningrad, heroic city] Leningrad - gorod-geroi. [Leningrad] Lenizdat, 1960. 181 p.
(NNC)

STEL'NIK, D. IA. [Mir Bashir Kasumov, a biographical sketch] Mir Bashir Kasumov, biograficheskii ocherk. Baku, Azerbaidzhanskoe gos. izd-vo, 1960. 88 p.
(MH)

[STORMY YEARS, reminiscences of old Communists] Grozovye gody, vospominaniia starykh kommunistov. [Ivanovo] Ivanovskoe knizhnoe izd-vo, 1961. 333 p.

SVACHIAN, ARUTIUN. [Articles. Publitsistika] Erevan, Armianskoe gos. izd-vo] 1960. 552 p. [In Armenian.]
(MH)

TAKAISHVILI, EUTHYMIUS. [Archaeological expedition undertaken in 1917 in the southern provinces of Georgia] Arkheologicheskaia ekspeditsiia 1917 goda v iuzhnye provintsii Gruzii. Tbilisi, Akad. nauk Gruzinskoi SSR, 1960. 95 p. [In Georgian.]
(MH)

TARAN, T. [The years of the first Russian revolution, 1905-1907] Roky pershoi rosiis'koi revoliutsii, 1905-1907. [Dnipropetrovs'k] Dnipropetrovs'ke knyzhkove vyd-vo, 1960. 48 p. (Z istorii Dnipropetrovs'koi oblasnoi partiinoi organizatsii, no. 3)
(MH)

TIAGAI, G. D. [Outline history of Korea during the second half of the 19th century] Ocherki istorii Korei vo vtoroi polovine XIX v. Moskva, Izd-vo vostochnoi lit-ry, 1960. 238 p.
(WU)

[TIME AND PEOPLE; articles and studies on the revolutionists who struggled for the Soviet regime in Transbaikalia] Gody i liudi, stat'i i ocherki ob uchastnikakh bor'by za Sovety v Zabaikal'e. [Chita] Chitinskoe knizhnoe izd-vo, 1960. 412 p. (K sorokoletiiu osvobozhdeniia Zabaikal'ia ot belogvardeitsev i interventov)

TIMIREV, S. N. [Memoirs of a naval officer. The Baltic Fleet during the war and revolution, 1914-1918] Vospominaniia morskogo ofitsera. Baltiiskii flot" vo vremia voiny i revoliutsii, 1914-1918 g. g. New York, Izd. Amerikanskogo ob-va dlia izucheniia russkoi morskoi istorii, 1961. 172 p. map. (Zarubezhnaia morskaia biblioteka, no. 78)
(NN)

TSYPKO, K. H. [The Great October Socialist Revolution and the struggle of the Bukovina workers for the power of the Soviets and reunification with the Soviet Ukraine] Velyka Zhovtneva sotsialistychna revoliutsiia i borot'ba trudiashchikh Bukoviny za vladu rad ta vozziednannia z Radians'koiu Ukrainoiu. Chernivtsi, 1958. 220 p.
(NNC)

[UNDER THE BANNER OF LENIN'S NATIONAL POLICY] Pod znamenem leninskoi natsional'noi politiki, sbornik statei. Alma-Ata, Kazgosizdat, 1960. 142 p. (40 let Kazakhskoi SSR)
(MH)

USMANOV, A. N. [Incorporation of Bashkiria into the Russian state] Prisoedinenie Bashkirii k Russkomu gosudarstvu. Pod red. R. G. Kuzeeva. Ufa, Bashkirskoe knizhnoe izd-vo, 1960. 193 p.

UZBEKISTAN. TSentral'nyi gosudarstvennyi istoricheskii arkhiv. [A. P. Fedchenko; collected documents] A. P. Fedchenko, sbornik dokumentov. Tashkent, Gosizdat Uzbekskoi SSR, 1958. 230 p. (Russkie uchenye-issledovateli Srednei Azii, 1)
(MH)

VARGIN, N. F. [Commissar of the Volga Fleet] Komissar Volzhskoi flotilii. Moskva, Gos. izd-vo polit. lit-ry, 1961. 84 p. (Geroi i podvigi)
(CSt-H)

[YEAR OF GREAT ACCOMPLISHMENTS] Gody velikikh svershenii, sbornik statei. Alma-Ata, Kazgosizdat, 1960. 249 p. (40 let Kazakhskoi SSR)
(MH)

ZAITSEV, M. I. [Kalach-on-Don; a historical sketch] Kalach-na-Donu; istoricheskii ocherk. [Stalingrad] Stalingradskoe knizhnoe izd-vo, 1960. 128 p.

ZHDANKO, T. A. [The ethnogeny of the Kara-Kalpaks] Problema etnogeneza karakalpakov. Moskva, 1960. 16 p.
(CLU)

ZUBOV, V. P. Leonardo da Vinci, 1452-1519. Moskva, Izd-vo Akad. nauk SSSR, 1961 370 p. (Nauchno-biograficheskaia serila)

5. SOCIAL SCIENCES

ABRAMOV, A. P., and G. V. KOTOV. [Cost of rail freight transportation and how to reduce it] Sebestoimost' zheleznodorozhnykh perevozok i puti ee snizhenila. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 41 p (V pomoshch' izuchaiushchim ekonomiku zheleznodorozhnogo transporta)

AKADEMIIA NAUK SSSR. Institut istorii. [Documents of feudal land tenure and economy] Akty feodal'nogo zemlevladenila i khoziaistva Sost. L. V. Cherepnin. Moskva.
Pt. 3. 1961. 441 p.

AKADEMIIA NAUK SSSR. Komissila po problemam Severa. [Raw material resources of Kamchatka Province, materials of an outsession of the Committee on Problems of the North, 1957] Syr'evye resursy Kamchatskoi oblasti, materialy vyezdnoi sessii Komissii po problemam Severa v 1957 g. Moskva, 1961. 183 p.

ALEKSANDROV, M. Z., and others. [Aid for the cooperative state purchasing agent] V pomoshch' kooperativnomu zagotoviteliu. Moskva, Izd-vo TSentrosoiuza, 1959. 238 p.
(CU)

ALEKSEEV, A. A., and A. A. GOLOVIN. [Technical and economic work planning in a construction organization] Tekhniko-ekonomicheskoe planirovanie raboty stroitel'noi organizatsii. [Tula] Tul'skoe knizhnoe izd-vo, 1960. 156 p.

ANISIMOV, N. I., and I. M. POZAMANTIR. [The seven-year plan of state farms in the virgin lands; an economic sketch] Semiletka tselinnogo sovkhoza; ekonomicheskii ocherk. Moskva, Sel'khozgiz, 1960. 102 p.
(DS)

ANDRIANOV, D. P. [Methodology for analyzing the efficiency of expenditures for new machinery] Effektivnost' zatrat na novuiu tekhniku; metodika analiza. Moskva, Gosfinizdat, 1961. 91 p. (Finansy promyshlennosti)

ASTRAKHAN, E. I. [Principles of the pension security for the workers and employees in the U. S. S. R.] Printsipy pensionnogo obespecheniia rabochikh i sluzhashchikh v SSSR. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 125 p.

AVRUKH, A. IA. [Costs of electricity and heat] Sebestoimost' elektricheskoi i teplovoi energii. Izd. 2., dop. i ispr. Moskva, Gos. energ. izd-vo, 1959. 221 p.
(CU)

BALDIN, G. A. [Freight trains and railroad ...

[THE BUILDING OF A SOCIALIST SOCIETY IN THE U. S. S. R.] Postroenie sotsialisticheskogo obshchestva v SSSR, materialy po tret'ei teme. Moskva, Izd-vo TsK VLKSM "Molodaia gvardiia," 1948. 38 p. (V pomoshch' slushateliam politshkol)

BUSYGIN, E. P., and N. V. ZORIN. [Russian population of the Chuvash A. S. S. R., material culture] Russkoe naselenie Chuvashskoi ASSR; material'naia kul'tura. Cheboksary, Chuvashskoe gos. izd-vo, 1960. 216 p.

[BYPASSING THE STAGE OF CAPITALISM, the transition of the Soviet Republics of Central Asia and Kazakhstan to socialism] Minuia kapitalizm, o perekhode k sotsializmu respublik Srednei Azii i Kazakhstana. Moskva, Gos. izd-vo polit. lit-ry, 1961. 215 p.

[CALCULATING RENT FOR EXCESS DWELLING SPACE AND CASES IN WHICH SUCH EXCESS SPACE MAY BE TAKEN AWAY] Kak oplachivaiutsia i v kakikh sluchaiakh izymaiutsia izlishki zhiloi ploshchadi. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 27 p. (Iuridicheskie konsul'tatsii dlia naselenila v voprosakh i otvetakh, no. 9)

CHUGAI, A. M. [Capital construction in Kazakhstan, development of the construction industry in Kazakhstan during the years of the Soviet regime] Kapital'noe stroitel'stvo v Kazakhskoi SSR; razvitie stroitel'nogo dela v Kazakhstane za gody Sovetskoi vlasti. Alma-Ata, Akad. nauk Kazakhskoi SSR, 1961. 197 p. (40 let Kazakhskoi SSR)
(MH)

[COLLECTED ARTICLES ON THE FIVE-YEAR PLAN FOR THE RESTORATION AND DEVELOPMENT OF THE NATIONAL ECONOMY OF THE U. S. S. R. FROM 1946 TO 1950] Sbornik statei o piatiletnem plane vosstanovleniia i razvitiia narodnogo khoziaistva SSSR na 1946-1950 g. g. Brianak, Izd-vo gazety "Brianskii rabochii," 1947 112 p.

[COLLECTION OF MATERIAL ON THE MANAGEMENT OF PUBLIC FOOD SERVICE] Sbornik rukovodiashchikh materialov po obshchestvennomu pitaniiu. Moskva, Izd-vo TSentrosoiuza, 1960. 207 p.

DELIUSIN, L. P. [Land should belong to the one who tills it] Zemlia tomu, kto ee obrabatyvaet. Moskva, Izd-vo vostochnoi lit-ry, 1961. 117 p.

DEMCHENKO, M. N. [Specialization and cooperation; potentials for production growth] Spetsializatsiia i kooperirovanie; rezervy rosta proizvodstva. Moskva, Gosplanizdat, 1961. 78 p.
(DC)

DEREV'IANKIN, T. I. [Ukrainian textile factories based on hand labor in the late 18th and the first half of the 19th century] Manufaktura na Ukraini v kintsi XVIII - pershii polovyni XIX st., tekstyl'ne vyrobnytstvo. Kyiv, Vyd-vo Akad. nauk URSR, 1960. 126 p.

DIORDITSA, A. F. [Soviet Moldavia in the seven-year plan] Sovetskaia Moldaviia v semiletii. Kishinev, Gos. izd-vo "Kartia moldovenieske," 1959. 52 p.

DODONOV, A. A. [Problems of accounting in industries of the U. S. S. R.; the author's summary of a dissertation] Problemy bukhgalterskogo ucheta v promyshlennosti SSSR; avtoreferat dissertatsii. Moskva, Mosk. fin. in-t M-va vysshego obrazovaniia SSSR, 1958. 45 p.

[MICROFILM]

... G. RUDENKO. [Monopolistic ... in the basic features of imperi... heskii kapitalizm; ocherki ...perializma. Moskva, Sotsekgiz, ...

...EXTILE ENTERPRISE; for the aid ...conomics] Ekonomika tekstil'nogo ...oshch' izuchaiushchim konkretniiu ...] Ivanovskoe knizhnoe izd-vo, ...

...istikavallitsus. [Achievements of ...ng twenty years] Dostizhenila ... 20 let; statisticheskii sbornik. ...gos. izd-vo, 1960. 176 p.

...LA, and MAURIZIO FERRARA. ...] Reportazh ob odnoi zabastovke. ...o polit. lit-ry, 1961. 60 p.

...state budget of the U. S. S. R. for ...fulfillment of the state budget ...on the state budget of the ...Gosudarstvennom biudzhete ...ispolnenii Gosudarstvennogo ...59 god. Zakon Soiuza Sovetskikh ...espublik o Gosudarstvennom ...etskikh Sotsialisticheskikh ...l. [Leningrad] Gosfinizdat, 1961.

GIRSHIN, P. I. [How to calculate economy resulting from the practical application of inventions and efficiency proposals in the textile industry] Metody podscheta ekonomii ot vnedrenila izobretenii i ratsionalizatorskikh predlozhenii v tekstil'nuiu promyshlennost'. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 126 p.

GLEBOVA, A. I., E. SAVONIN, and I. SHMELEV. [Economic accountability at enterprises of the Penza Economic Council] Khozraschet na predpriiatiiakh Penzenskogo sovnarkhoza. [Penza] Penzenskoe knizhnoe izd-vo, 1960. 242 p.
(MH)

GRANT, ANDREW. [Socialism and the middle classes Translated from the English] Sotsializm i srednie klassy. Moskva, Gospolitizdat, 1960. 198 p.
(CLU)

HOLOVACH, A. V., and V. I. IVANYTS'KYI. [Commodity and monetary relations during the period of large-scale building of communism] Tovarno-hroshovi vidnosyny v period rozhornutoho budivnytstva komunizmu. Kyiv, 1961. 46 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 3, no. 3)

IARMUKHAMEDOV, M. SH. [Economic geography of the Kazakh S. S. R., textbook for the teachers of Kazakhstan schools] Ekonomicheskaia geografiia Kazakhskoi SSR; uchebnoe posobie dlia uchitelei shkol Kazakhstana. Alma-Ata, Kazakhskoe Gos. uchebno-pedagog. izd-vo, 1959. 160 p.

IL'IN, V. M., and G. I. SMIRNOV. [Accounting in the construction industry] Analiz finansovo-khoziaistvennoi deiatel'nosti stroitel'noi organizatsii. Moskva, Gosfinizdat, 1960. 114 p.
(MH)

[IMPROVING FINANCIAL OPERATIONS IN CONSTRUCTION; lecture transcript] Voprosy sovershenstvovaniia ekonomicheskoi raboty v stroitel'stve; stenogramma lektsii. Leningrad, 1961. 28 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Serila "Stroitel'naia promyshlennost')

IUSHIN, V. A. [The technical, industrial, and financial plan of a fish-processing plant; methods of compilation] Tekhpromfinplan rybozavoda; metodika sostavleniia. Moskva, Pishchepromizdat, 1961. 138 p. (Ekonomika i organizatsila pishchevoi promyshlennosti)

IVANOV-MIROSLAVTSEV, P. I. [New branches of the Chuvashian industry] Novye otrosli promyshlennosti Chuvashii. Cheboksary, Chuvashskoe gos. izd-vo, 1960. 30 p.

IVNITSKAIA, T. V. [Publications of documents on the history of the working class of the U. S. S. R., 1918-1920] Publikatsii dokumentov po istorii rabochego klassa SSSR, 1918-1920 gg. Moskva, Glav. arkhiv upravlenie SSSR, 1960. 71 p.
(MH)

KABRO, S. I., and K. S. NESATAIA. [The shortened workday in the building materials industry] Sokrashchennyi rabochii den' na predpriiatiiakh promyshlennosti stroitel'nykh materialov. Kiev, Gosstroizdat, 1960. 76 p.
(MH)

KALUGA (Province) Oblastnoe statisticheskoe upravlenie. [The economy of Kaluga Province during 1959, statistical collection] Narodnoe khoziaistvo Kaluzhskoi oblasti v 1959 godu; statisticheskii sbornik. Moskva, Gosstatizdat, 1960. 191 p.
(MH)

KARABEKOV, V. I. [For the benefit of the Soviet people, procedure for repealing workers' and employees' income tax] Na blago sovetskogo naroda, o poriadke otmeny nalogov s zarabotnoi platy rabochikh i sluzhashchikh. [Leningrad] Lenizdat, 1960. 27 p.

KELLER, L. S. [Study of the history of Nizhnii Novgorod Trade Unions, 1905-1912] Ocherk istorii nizhegorodskikh professional'nykh soiuzov; 1905-1912 gg. [Gor'kii] Gor'kovskoe knizhnoe izd-vo, 1961. 138 p.

KHROMUSHIN, G. B. ["Economic humanism" or new variations on the theme "people's capitalism"] "Ekonomicheskii gumanizm" ili novye variatsii na temu o "narodnom kapitalizme." Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 58 p.

KHVALYNSKII, V. P. [Golden kopeck] Zolotaia kopeika. Moskva, Izd-vo "Znanie," 1961. 60 p.

KIRILLOV, I. A. [Present-day development of the technical qualification and culture of Soviet workers] Pod"em kul'turno-tekhnicheskogo urovnia trudiashchikhsia v sovremennykh usloviiakh. Moskva, Izd-vo "Znanie," 1961. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 1, Istorila, no. 11)

KIM KI UN, KIM YŎN CH'ŎL, and L. N. KARSHINOV, comps. [Russian-Korean and Korean-Russian dictionary of foreign trade] Russko-koreiskii i koreisko-russkii vneshnetorgovyi slovar'. Moskva, Vneshtorgizdat, 1961. 190 p.

KISHINEV. VYSSHAIA PARTIINAIA SHKOLA. [Studies] Uchenye zapiski. Kishinev, Partiinoe izd-vo TsK KP Moldavii, 1960. 252 p.

KLYMPOTIUK, M. [Youth in a struggle] IUnist' v borot'bi. Uzhhorod, Zakarpats'ke obl. vyd-vo, 1959. 101 p. (40 rokiv Lenins'koi komunistychnoi spilky molodi Ukrainy)
(MH)

KNIAZHYNS'KYI, ANTIN. [In the land of slavery] V krainі nevoli. Munich, "Khristiians'kyi holos," 1957. 69 p.
(InU)

KOLOSOV, A. F. [Some problems of the production of the means of production in industries of the U. S. S. R., author's abstract of a dissertation] Nekotorye voprosy vosproizvodstva osnovnykh fondov v promyshlennosti SSSR, avtoreferat dissertatsii. Moskva, Mosk. fin. in-t M-va vysshego obrazovaniia SSSR, 1958. 14 p.
[MICROFILM]

KOMAROV, D. I., and V. A. IUSHIN. [Planning in a fishing collective] Planirovanie v rybolovetskom kolkhoze. Moskva, Pishchepromizdat, 1960. 175 p.

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. Krasnodarskii kraikom. Otdel propagandy i agitatsii. [Kuban, the land of great possibilities; a special issue of "Bloknot agitatora" devoted to prospects for the industrial, agricultural, and cultural development of Krasnodar Territory] Kuban' - krai bol'shikh vozmozhnostei, bloknot agitatora. Spetsial'nyi vypusk, posviashchennyi perspektivam razvitiia promyshlennosti, sel'skogo khoziaistva i kul'tury Krasnodarskogo kraia. Krasnodar, Izd-vo "Sovetskaia Kuban'," 1958. 103 p.

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. Vysshyia partiinaia shkoly. Kafedra sovetskoi ekonomiki. [Program in construction economics for economics schools and seminars in party education] Programma po ekonomike stroitel'stva dlia ekonomicheskikh shkol i seminarov sети partiinogo prosveshcheniia. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 26 p.

KONDAKOVA, N. P. [He who does not work does not eat] Kto ne rabotaet-tot ne est. [Moskva] Mosk. rabochii, 1961. 29 p

KONDRATIUK, N. D. [Economic aspects of the poultry industry] Ekonomika ptitsepererabatyvaiushchei promyshlennosti. Moskva, Pishchepromizdat, 1960. 159 p.
(MiU)

KORIUNOV, S. N. [Undivided funds and capital investments of collective farms] Nedelimye fondy i kapital'nye vlozheniia kolkhozov. Moskva, Gosfinizdat, 1960. 94 p.
(MH)

KOSILOV, S. A., ed. [Methods in physiological investigations of work processes] Metody fiziologicheskikh issledovanii trudovykh protsessov. Moskva, In-t gigieny truda i profzabolevanii AMN SSSR, 1960. 127 p.

KOTOV, G. G., ed. [Economics of collective flax farms] Ekonomika l'novodnykh kolkhozov. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 535 p.
(CU)

KRASOV, A. P., and A. A. TROFIMOV. [Journal-voucher accounting system on railroads] Zhurnal'no-ordernaia forma ucheta na zheleznykh dorogakh. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 137 p.

KUL'BACHKO, GENNADII. [When two people meet] Kogda vstrechaiutsia dvoe. Izd. ispr. i dop. Stalino-Donbass, Knizhnoe izd-vo, 1959. 176 p.
[MICROFILM]

KULIKOV, B. S. [New construction projects of Chita Province] Novostroiki Chitinskoi oblasti. [Chita] Chitinskoe knizhnoe izd-vo, 1960. 73 p.

KULYSHEV, IU. A., and L. S. ROGACHEVSKAIA. [The first brigades of shock workers] Pervye udarnye. Moskva, Gos. izd-vo polit. lit-ry, 1961. 134 p. (Iz istorii Sovetskoi Rodiny)

KUNAEV, D. A. [Report of the Central Committee of the Communist Party of Kazakhstan to the Tenth Congress of the Communist Party of Kazakhstan] Otchet TSentral'nogo Komiteta Kommunisticheskoi partii Kazakhstana X s"ezdu Kompartii Kazakhstana. Alma-Ata, Kazakhskoe gos. izd-vo, 1960. 89 p.

LADA, I. V. [If the world disarms] Esli mir razoruzhitsia... Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1961. 111 p.

LAPIN, K. K. [Word about mothers] Slovo o materi. Moskva, Gos. izd-vo polit. lit-ry, 1961. 117 p. (Iz serii o kommunisticheskoi morali. Vremia i liudi.)

LENINGRAD. PUBLICHNAIA BIBLIOTEKA. [For the young worker of the economics of industrial production]. Molodomu rabochemu ob ekonomike promyshlennogo proizvodstva. Leningrad, 1960. 13 f. (in portfolio)

LYTVYN, M. O. [Two different sources of life facing the younger generation; facts about the conditions of young people in the Soviet Union and the capitalist countries] Dvi doli molodoho pokolinnia, fakty po stanovyshche molodi v Radians'komu Soiuzi ta v kapitalistychnykh krainakh. Kyiv, 1961. 45 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 10, no. 1)

[MACHINERY INDUSTRY IN NORTH KOREA] Mashinostroitel'naia promyshlennost' KNDR. Pyongyang, Izd-vo lit-ry na inostr. iazykakh, 1959. 1 v. illus.

MAKAROV, I. V. [Science in the service of justice] Kak nauka sluzhit pravosudiiu. Perm', Permskoe knizhnoe izd-vo, 1960. 42 p. (Populiarnaia iuridicheskaia biblioteka)

MAKSIN, V. I. [Vulgar bourgeois economics of the end of the 19th and beginning of the 20th century] Vul'garnaia burzhuaznaia politicheskaia ekonomiia kontsa XIX - nachala XX v., uchebnoe posobie. Minsk, Belorusskii gos. in-t nar. khoz. im. V. V. Kuibysheva, 1960. 49 p.

MARINKO, I. I., and V. M. RABINOVICH. [Economic accountability and production costs on state farms] Khozraschetnyi raschet i sebestoimost' produktsii v sovkhozakh. Moskva, Sel'khozgiz, 1960. 118 p.
(MH)

MARKOV, I. S. [Beginning of the labor movement and spread of Marxism in Russia; 1883-1894] Nachalo rabochego dvizheniia i rasprostranenie marksizma v Rossii 1883-1894 gg., leksitsia. Otv. red. A. G. Lipkina. Moskva, M-vo vysshego i srednego spetsial'nogo obrazovaniia RSFSR, 1960. 27 p.
(MH)

MASLOV, V. S. [People's squads against parasites, drunkards, and hooligans] Narodnye druzhiny protiv tuneiadtsev, p'ianits i khuliganov. [Smolensk] Smolenskoe knizhnoe izd-vo, 1961. 57 p. (Druzhinnik)

MATVEEV, B. G. [How to increase labor productivity in an enterprise] Kak povysit' proizvoditel'nost' truda na predpriiatii. Moskva, Gos. izd-vo polit. lit-ry, 1961. 39 p.

MEN'SHIKOV, S. M. [Economic conditions of the U. S. A.] Ekonomicheskoe polozhenie SShA. Moskva, Izd-vo "Znanie," 1961. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 7, Mezhdunarodnaia, no. 13)

MIRCHUK, PETRO. [In the German mills of death; recollections of life in German prisons and concentration camps from 1941 to 1945] V nimets'kykh mlynakh smerty, spomyny z pobuta v nimets'kykh tiurmakh i kontslagerakh 1941-1945. New York, Ukrains'kyi soluz politychkih v iazniv, 1957. 236 p.
(IU)

[MONEY WAGES ON COLLECTIVE FARMS] Denezhnaia oplata truda v kolkhozakh; sbornik statei. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1960. 138 p.
(DS)

MOSCOW. AKADEMIIA OBSHCHESTVENNYKH NAUK. [Consolidating the alliance between the working class and the peasantry during the sharp upsurge of agriculture, 1953-1958] Ukreplenie soiuza rabochego klassa i krest'ianstva v period krutogo pod"ema sel'skogo khoziaistva; 1953-1958 gg. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 478 p.

MOSCOW. AKADEMIIA OBSHCHESTVENNYKH NAUK.
AON, 1960. 466 p.
(NNC)

MOSCOW. GOSUDARSTVENNAIA PUBLICHNAIA ISTORICHESKAIA BIBLIOTEKA. [The founders of scientific communism; recommended literature on Marx and Engels] Osnovopolozhniki nauchnogo kommunizma; (chto chitat' o Markse i Engel'se); rekomendatel'nyi ukazatel' literatury. Moskva, 1961. 39 p.

MOSCOW. MOSKOVSKAIA SEL'SKOKHOZIAISTVENNAIA AKADEMIIA IM. TIMIRIAZEVA. [Reports of the Moscow Agricultural Academy on the 90th anniversary of the birth of V. I. Lenin, economics and organization of agriculture] Doklady TSKHA k 90-letiiu so dnia rozhdeniia V. I. Lenina, ekonomika i organizatsiia sel'skogo khoziaistva. Moskva, 1960. 373 p.
(DC)

MOSCOW. PERVYI MEDITSINSKII INSTITUT. [Methodological instructions for teaching the organization of the public health system] Metodicheskie ukazaniia k prepodavaniiu organizatsii zdravookhraneniia. Izd. 2. Moskva, 1960. 56 p.

MURIN, V. O. [Problems in the economy and organization of fishery management] Pytannia ekonomiky i organizatsii rybnoho hospodarstva. Kyiv, Vid-vo Ukrains'koi Akad. sil's'kohospodars'kykh nauk, 1960. 186 p.

NAUMOVA, L. N. [How to increase labor productivity and lower production costs in the cement industries] Puti povysheniia proizvoditel'nosti truda i snizheniia sebestoimosti v tsementnoi promyshlennosti. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 126 p.

NIKITIN, N. A. [Truck transportation of building materials along efficient routes] Avtomobil'nye perevozki stroitel'nykh materialov po ratsional'nym marshrutam. Leningrad, 1961. 19 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Stroitel'naia promyshlennost', no. 12)

NIKOL'SKII, V. S. [Wages and the establishment of norms] Normirovanie i oplata truda. Moskva, Gospolitizdat, 1960. 31 p. (Dlia slushatelei nachal'nykh ekonomicheskikh shkol i kruzhkov na promyshlennykh predpriiatiiakh, no. 5)
(MH)

NOVOZHILOV, B. F., and I. V. PARAMONOV. [Nonferrous metallurgy in Kazakhstan] TSvetnaia metallurgiia Kazakhstana. Alma-Ata, Kazakhskoe gos. izd-vo, 1960. 34 p.

OGANIAN, A. P. [History of East Armenian economic thought during the second half of the 19th century Iz istorii vostochnoarmianskoi ekonomicheskoi mysli; vtoraia polovina XIX veka.] Erevan, Izd-vo Erevanskogo univ., 1960. 178 p. [In Armenian.]
(MH)

PAVLOV, D. V. [Development of Soviet trade during the postwar years] Razvitie sovetskoi torgovli v poslevoennye gody. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1959. 37 p. (Sovetskaia ekonomika)
(NNC)

PAVZNER, IA. A., ed. [Monopolistic capital of modern Japan. Translated from the Japanese] Monopolisticheskii kapital sovremennoi IAponii. Moskva, Izd-vo inostr. lit-ry, 1961. 322 p.

PISARZHEVSKII, OLEG. [From eight to five] Ot vos'mi - k piati. [Moskva, Izd-vo "Molodaia gvardiia," 1960] 10 p.

PLASTININ, A. I. [Story of the chairman of a plant's trade-union committee] Povest' o predsedatele zavkoma. [Moskva] Izd-vo VTsSPS Profizdat, 1961. 135 p.

[PLENUM OF THE CENTRAL COMMITTEE OF THE COMMUNIST PARTY OF THE SOVIET UNION, JANUARY 10-18, 1961; verbatim report] Plenum TSentral'nogo Komiteta Kommunisticheskoi partii Sovetskogo Soiuza, 10-18 ianvaria 1961 goda; stenograficheskii otchet. Moskva, Gos. izd-vo polit. lit-ry, 1961. 647 p.

POGODIN-ALEKSEEV, G. I. [Achievements in science and technology and the progressive practices of industry and construction] Dostizheniia nauki i tekhniki i peredovoi opyt v promyshlennosti i stroitel'stve. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1958-1960.
No. 3.
No. 4.
(CU)

POGUDIN, N. A. [Organization of socialist competition in cooperative industry] Organizatsiia sotsialisticheskogo sorevnovaniia v kooperativnoi promyshlennosti. Moskva, Vses. koop. izd-vo, 1959. 19 p.
(NNC)

POLIENKO, A. M. [Long term economic agreements among the European socialist countries] Dolgosrochnye ekonomicheskie soglasheniia mezhdu evropeiskimi sotsialisticheskimi stranami. Moskva, Vneshtorgizdat, 1960. 54 p.

POL'SKAIA, N.M. [Economic geography of Great Britain, textbook] Ekonomicheskaia geografiia Velikobritanii, uchebnoe posobie. Pod red. I.M. Maiergoiza. Moskva, Izd-vo Mosk. univ., 1960. 133 p.

POTAPOV, KH.E., and P.S. ZAKUSILO. [Ways of lowering unit costs of production on collective farms] Puti snizheniia sebestoimosti produktsii v kolkhozakh. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 142 p.

[PROBLEMS OF THE ECONOMICS OF LABOR, lecture transcript] Voprosy ekonomiki truda, stenogramma lektsii. Leningrad, 1961. 32 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Serila Stroitel'naia promyshlennost')

RED CROSS. Russia. Soiuz obshchestv Krasnogo Kresta i Krasnogo polumesiatsa SSSR. [Forty years of the Soviet Red Cross, 1918-1958] 40 let Sovetskogo Krasnogo Kresta, 1918-1958. Moskva, Gos. izd-vo med. lit-ry, 1959. 222 p.

RUSSIA (1923- U.S.S.R.) Glavnoe passazhirskoe upravlenie. [Tables for calculating costs of the transportation of passengers, baggage, and fast freight, based on rates effective from August 16, 1948] Raschetnye tablitsy stoimosti proezda passazhirov, perevozki bagazha i tovarobagazha (gruza passazhirskoi skorosti) po zheleznym dorogam, sostavleny po tarifam, ustanovlennym s 16 avgusta 1948 g. Moskva, Gos. transp. zhel-dor. izd-vo, 1951. 51 p.

RUSSIA (1923- U.S.S.R.) Glavnoe passazhirskoe upravlenie. [Tables for the calculation of railroad transportation rates for passengers, luggage, and freight, supplement to collection No. 120, effective as of January 1, 1961] Raschetnye tablitsy stoimosti proezda passazhirov, perevozki bagazha i gruzobagazha po zheleznym dorogam, prilozhenie k sborniku No. 120. Vvodiatsia s 1 ianvaria 1961 g. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 56 p.

RUSSIA (1923- U.S.S.R.) Upravlenie prepodavaniia obshchestvennykh nauk. [The Communist Party as the inspirer and organizer of nationwide socialist competition in the U.S.S.R.] Kommunisticheskaia partiia - vdokhnovitel i organizator vsenarodnogo sotsialisticheskogo sorevnovaniia v SSSR. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 585 p.

SAMEDOV, S.I. [Public health in Iranian Azerbaijan on the eve of and during the period of the national liberation and democratic movement, 1945-1946] Zdravookhranenie v Iranskom Azerbaidzhane nakanune i v period natsional'no-osvoboditel'nogo i demokraticheskogo dvizheniia, 1945-1946 g. Baku, Azerbaidzhanskoe gos. izd-vo, 1960. 146 p.

SEMENOV, V.N. [Organization of production in public eating establishments, lectures for students of the technology departments of commercial institutions of higher learning] Organizatsiia proizvodstva predpriatii obshchestvennogo pitaniia, lektsii dlia studentov tekhnologicheskikh fakul'tetov torgovykh vuzov. Moskva, Gos. izd-vo torg. lit-ry, 1961. 84 p.

SHABALIN, A.E. [Industrial hygiene in the woodpulp and paper industry] Gigiena truda v tselliulozno-bumazhnoi promyshlennosti. Moskva, Gos. izd-vo med. lit-ry, Medgiz, 1960. 18 p.

SHCHERBAKOV, I.P., and G.T. URTAEV. [Forests and forest industries of Yakutia] Lesa i lesnaia promyshlennost' Iakutii. Moskva, Goslesbumizdat, 1961. 192 p.

SHIBAEV, P.A. [Potentials for the saving of material resources] Rezervy ekonomii material'nykh resursov. Moskva, Izd-vo "Znanie," 1961. 44 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, Ekonomika, no. 13). [MICROFILM]

SHEREMET, A.D. [What forms the unit costs of industrial production] Iz chego skladyvaetsia sebestoimost' promyshlennoi produktsii. Moskva, Izd-vo "Znanie" Vses. ob-va po raspr. polit. i nauchn. znanii, 1961. 37 p. (Narodnyi universitet kul'tury, no. 4)

SHEVERDA, L.A. [The labor movement in the German Federal Republic] Rabochee dvizhenie v Federativnoi Respublike Germanii. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 85 p.

SHPANOVA, L.G. [A party committee and the brigades of communist labor] Partiinyi komitet i brigady kommunisticheskogo truda. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 78 p.

SILINSKII, P.P. [Developing the economy of Irkutsk Province in 1959-1965; facts and figures] Razvitie narodnogo khoziaistva Irkutskoi oblasti v 1959-1965 godakh; tsifry i fakty. Izd. 2., ispr. i dop. [Irkutsk] Irkutskoi knizhnoe izd-vo, 1960. 61 p. [MICROFILM]

SKRIPNIK, P.M. [Analysis of the administrative operations of machinery manufacturing plants] Analiz khoziaistvennoi deiatel'nosti mashinostroitel'nykh zavodov. [Stalino] Knizhnoe izd-vo Stalino-Donbass, 1960. 83 p. (Voprosy ekonomiki i ekonomiki)

SLYN'KO, I.I. [Socialist reorganization and technical modernization of Ukrainian agriculture in 1927-1932] Sotsialisticheskaia perebudova i tekhnichna rekonstruktsiia sel's'koho hospodarstva Ukrainy, 1927-1932 rr. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 324 p.

SMULEVICH, B.IA. [Criticism of modern bourgeois social hygiene and medical sociology] Kritika sovremennoi burzhuaznoi sotsial'noi gigieny i meditsinskoi sotsiologii. Moskva, Gos. izd-vo med. lit-ry, Medgiz, 1960. 337 p.

STARODUBTSEV, N.L. [Power and fuel balance of Western Siberia] Toplivno-energeticheskii balans Zapadnoi Sibiri. Novosibirsk, Izd-vo Sibirskogo otdeleniia AN SSSR, 1960. 52 p.

[STRUGGLE OF THE CPSU FOR COMPLETING THE BUILDING OF SOCIALISM, 1953-1958, documents and materials] Bor'ba KPSS za zavershenie stroitel'stva sotsializma, 1953-1958 gody, dokumenty i materialy. Moskva, Gos. izd-vo polit. lit-ry, 1961. 695 p.

TARASENKO, M.IA. [Reorganization of the management of industry and construction and lowering the cost of building and assembling operations; from the experience of the Chelyabinsk Economic Administrative Region] Perestroika upravleniia promyshlennost'iu i stroitel'stvom i snizhenie sebestoimosti stroitel'no-montazhnykh rabot, iz opyta stroitel'nykh organizatsii Cheliabinskogo ekonomicheskogo administrativnogo raiona. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 71 p. (Opyt ekonomicheskoi raboty strok)

TARASOV, G.L. [The seven-year plan in Chita Province] Semiletka Chitinskoi oblasti. [Chita] Chitinskoe knizhnoe izd-vo, 1959. 86 p. (Besedy o semiletnem plane)

[MICROFILM]

TASHENEV, Z.A. [Kazakhstan in the brotherly family of peoples of the U.S.S.R.] Kazakhstan v bratskoi sem'e narodov SSSR. Alma-Ata, Kazgosizdat, 1960. 229 p. (40 let Kazakhskoi SSR)
(MH)

TAVROV, IA.M. (GVIN). [Creating mountains from grains of sand and seas from drops] Iz peschinok - gory, iz kapel' - moria. Moskva, Gos. izd-vo polit. lit-ry, 1961. 69 p.

TEREKHOV, IA.F. [Wages and productivity of labor] Produktyvnist' pratsi ta zarobitna plata. Kyiv, 1961. 43 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 3, no. 4)

TERENT'EVA, L.I. [Collective-farm peasantry of Latvia; a historical and ethnographical monograph based on materials for the collective farms of the Jekabpils District of Latvia] Kolkhoznoe krest'ianstvo Latvii, istoriko-etnograficheskaia monografiia po materialam kolkhozov Ekabpilsskogo raiona Latviiskoi SSR. Moskva Izd-vo Akad. nauk SSSR, 1960, 370 p.
(DBC)

TETERIATNIKOV, M.S. [Ship accounting] Sudovaia otchetnost', Moskva, Izd-vo "Rechnoi transport," 1961. 131 p.

TKACHENKO, G.G. [Heroic work of Donets Basin miners, the struggle of Donets Basin party organizations for the restoration of coal mining during the postwar five-year plan] Podvig shakhterov Donbassa, partiinye organizatsii Donbassa v bor'be za vosstanovlenie ugol'noi promyshlennosti v gody poslevoennoi piatiletki. [Khar'kov] Luganskoe obl. izd-vo, 1960. 74 p.

TRUSIKHIN, N.P. [Organization of wage payments in industrial enterprises] Organizatsiia zarabotnoi platy na promyshlennykh predpriatiiakh. Moskva, Gos. izd-vo planovo-ekon. lit-ry, 1961. 76 p. (V pomoshch' propagandistam i slushateliam seti partiinogo prosveshcheniia)

TSEDERBAUM, IU.IA. [Payment of pensions to workers and employees] Vyplata pensii rabochim i sluzhashchim. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 102 p.

TUMANIAN, O.E. [History of the economic development of Armenia from ancient time to the end of the 18th century] Istoriia ekonomicheskogo razvitiia Armenii s drevneishikh vremen do kontsa XVIII veka. Erevan, Armianskoe gos. izd-vo, 1960. 342 p. [In Armenian.]
(MH)

TURKMEN S.S.R. Statisticheskoe upravlenie. [Women in the Turkmen S.S.R., a brief statistical handbook] Zhenshchina v Turkmenskoi SSR, kratkii statisticheskii spravochnik. Ashkhabad, Gosstatizdat, 1960. 83 p.

TYCHININ, V.V. [Angara's third step] Tretia stupen' Angary, ocherk. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1960. 43 p. (Rasskazy o nashikh stroikakh)

[TYPICAL DAY, book of materials on one day of the seven-year plan in Stalino Province] Obychnyi den' [kniga materialov ob odnom dne semiletki v Stalinskoi oblasti. Stalino, Knizhnoe izd-vo, 1960.] 189 p.
(MH)

[THE U.S.A., concise review of factual data] SShA, kratkii obzor fakticheskikh dannykh. Izd. 2. New York, 1960. 67 p. Illus.

ULAN-UDE. BURIATSKII KOMPLEKSNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT. [The Buryat A.S.S.R. in the seven-year plan] Buriatiia v semiletke. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1960. 63 p.
(MH)

VASIL'EV, D.G., ed. [Accounting in agricultural enterprises; a course of lectures] Bukhgalterskii uchet v sel'skokhoziaistvennykh predpriatiiakh, kurs lektsii. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 451 p.
(CU)

VIKTOROV, A.F. [Daghestan industry in a new upsurge] Promyshlennost' Dagestana na novom pod"eme [Dagestan] Dagestanskoe knizhnoe izd-vo, 1959. 47 p.

[MICROFILM]

VIKTOROV, N.V. [Mahapay Republic] Mal'gashskaia Respublika. Moskva, Izd-vo "Znanie," 1961. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 12, Geologiia i geografiia, no. 12)

[MICROFILM]

VISHNEV, S.M. [Two systems and two results, a new stage in the economic competition of socialism and capitalism] Dve sistemy - dva itoga; novyi etap ekonomicheskogo sorevnovaniia sotsializma i kapitalizma. Moskva, Izd-vo "Znanie," 1961. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 7, Ekonomika, no. 12)

VOROBEICHIKOV, A.P. [Analysis of the economic aspects of a collective farm] Analiz khoziaistvennoi deiatel'nosti kolkhoza. Izd. 2., perer. i dop. Moskva, Gosstatizdat TsSU SSSR, 1960. 190 p.
(MH)

VOROB'EVA, O.B., and I.M. SINEL'NIKOVA. [Karl Marx's daughters] Docheri Marksa. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 142 p.

VORONTSOVA, E.I. [Industrial hygiene for the electric welder] Gigiena truda elektrosvarshchika. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 37 p.

VOSTRIKOV, IU.A., and A.I. MAKI'EV. [Communists of the "Rossiia" Collective Farm] Kommunisty kolkhoza "Rossiia." [Saratov] Saratovskoe knizhnoe izd-vo, 1960. 37 p.

VOSKRESENSKII, G.I. [Workers' meetings; studies on conducting general meetings of workers and employees] Rabochie sobraniia, ocherki ob opyte provedeniia obshchikh sobranii rabochikh i sluzhashchikh. [Tula] Tul'skoe knizhnoe izd-vo, 1960. 46 p.

VSESOIUZNAIA AKADEMIIA SEL'SKOKHOZIAISTVENNYKH NAUK IMENI V.I. LENINA. [Materials of the anniversary session dedicated to the 40th anniversary of the Great October Socialist Revolution] Materialy iubileinoi sessii, posviashchennoi 40-i godovshchine Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii. Moskva, Izd-vo M-va sel'skogo khoziaistva SSSR, 1958. 529 p.
(DC)

[WEALTH OF THE RECLAIMED VIRGIN SOIL] Bogatstvo osvoennoi tseliny. Alma-Ata, Kazakhskoe gos. izd-vo, 1960. 255 p.
(CSt-H)

[WHO DOES NOT WORK BUT EATS] Kto ne rabotaet, a est'; sbornik. [Kaliningrad] Kaliningradskoe knizhnoe izd-vo, 1960. 59 p.

ZAHORODNII, V.I. [Improvement of the welfare of the Soviet people] Zrostannia dobrobutu radians'koho narodu. Kyiv, 1961. 46 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 3, no. 2)

ZHOCHKIN, A. G. [From the "workday" to money wages] Ot trudodnia - k denezhnoi oplate. [Arkhangel'sk] Severo-Zapadnoe knizhnoe izd-vo, 1960. 176 p. (OS)

ZMIENKO, P. IA., and I. I. SPASHIN [Agriculture of the German Democratic Republic] Sel'skoe khoziaistvo Germanskoi Demokraticheskoi Respubliki. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 165 p.

6. POLITICAL SCIENCE

[AGAINST THE EFFORTS OF AMERICAN AGGRESSORS TO STRENGTHEN THE DICTATORSHIP OF SOUTH KOREAN MILITARISTS AND FASCISTS] Protiv usilenila amerikanskimi agressorami voennoi diktatury v IUzhnoi Koree. Pyongyang, Izd-vo lit-ry na inostr. iazykakh, 1961. 24 p.

ATLASOV, A. M. [Red corner on a collective farm] Krasnyi ugolok na kolkhoznoi ferme. [Tula] Tul'skoe knizhnoe izd-vo, 1960. 34 p. (Bibliotechka partiinogo rabotnika)

BARCHUGOV, P. V. [Meeting of the expanded staff of "Proletarii."] Sovershchanie rasshirennoi redaktsii "Proletarii." Moskva, Gos. izd-vo polit. lit-ry, 1961. 108 p.

BELOUSOV, IA. E. [The Moscow Bolsheviki in the period of the great victories of the Soviet regime, November 1917-February 1918] Moskovskie bol'sheviki v period triumfal'nogo shestviia Sovetskoi vlasti; noiabr' 1917 g. - fevral' 1918 g. [Moskva] Izd-vo Mosk. univ., 1961. 69 p.

BOIKO, N. A. [Gor'kii and the pioneers of Karelia.] Gor'kii i pionery Karelii. Petrozavodsk, Gos. izd-vo Karel'skoi ASSR, 1961. 76 p.

BULUCHEVSKII, V. K., and IA. N. TUPAL. [The Novo-Varshavka Village Soviet] Novo-Varshavskii sel'skii Sovet. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 54 p.

DYSTRINA, IVAN. [People's democracy in Czechoslovakia. Translated from the Czech] Narodnata demokratiia v Chekhoslovakii. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 265 p.

CHERNIGOV (Province). Rada deputativ trudiashchikh. [Administrative and territorial divisions of Chernigov Province, as of December 1, 1959] Administrativno-terytorial'nyi podil Chernihivs'koi oblasti, na 1 hrudnia 1959 roku. Chernihiv, Chernihivs'ke obl. vyd-vo, 1959. 73 p. (MH)

COMMUNIST PARTY OF GREAT BRITAIN. Congress, 25th, 1957. [Materials] Materialy. Moskva, Gos. izd-vo polit. lit-ry, 1958. (Dokumenty i materialy zarubezhnykh kommunisticheskikh i rabochikh partii) (NNC)

DAVIDZIUK, H. [Leninism is a sharp weapon in the struggle against revisionism] Leninizm, vostraia zbroia borot'by z revizionizmom. Minsk, Dziarzh. vyd-vo BSSR, 1960. 55 p. (MH)

DAVYDOV, M. I. Aleksandr Dmitrievich TSiurupa. Moskva, Gos. izd-vo polit. lit-ry, 1961. 102 p.

[FACTS AND FIGURES ABOUT THE COMMUNIST YOUTH LEAGUE OF TATARIA] Komsomol Tatarii v *tsifrakh i faktakh. Izd. 2.*, dop. Kazan', Tatarskoe knizhnoe izd-vo, 1960. 90 p.

[FROM THE SOCIALIST STATE OF COMMUNIST COMMUNAL SELF-GOVERNMENT; papers delivered at the conference organized by the Moscow City Committee of the CPSU, the Institute of Philosophy, and the Institute of the State and Law of the Academy of Sciences of the U.S.S.R. in Moscow, July 7-8, 1960] Ot sotsialisticheskoi gosudarstvennosti k kommunisticheskomu obshchestvennomu samoupravleniiu; trudy nauchnoi konferentsii, provedennoi Moskovskim gorodskim komitetom KPSS, Institutom filosofii i Institutom gosudarstva i prava Akademii nauk SSSR v g. Moskve 7-8 iiulia 1960 g. Moskva, Izd-vo Akad. nauk SSSR, 1961. 340 p.

GASPARIAN, NORAIR. [Stepan Shumian, prominent theorist and propagandist of Marxism. Stepan Shaumian, vydatnyshchiisia teoretik i propagandist marksizma. Erevan, Izd-vo Erevanskogo univ.] 1960. 128 p. [In Armenian with summary in Russian.] (MH)

GUSHIMA, KANESABURO. [Present-day colonialism. Translated from the Japanese] Sovremennyi kolonializm. Vstup. stat'ia i red. G. L. Bondarevskogo. Moskva, Izd-vo inostr. lit-ry, 1960. 178 p.

GUTERMAN, I. A. [The Marxist-Leninist program for Communists from all over the world, brief listing of literature on the Conference of the Representatives of Communist and Workers' Parties in 1960] Marksistsko-leninskaia programma kommunistov vsego mira, kratkii ukazatel'. *Literatury o soveshchanii predstavitelei kommunisticheskikh i rabochikh partii 1960 goda. Moskva, Izd-nie* gos. biblioteki SSSR im. V. I. Lenina, 1961. 23 p.

HAIDUCHOK, H. A., and L. I. TSYBIN. [Toward new triumphs, 1953-1960] Do novykh peremoh, 1953-1960 rr. Kyiv, Molod', 1960. 117 p. (Narysy z istorii leninsl'koho komsomolu Ukrainy) (MH)

IL'INOVA, N., and T. KOL'IAK. [Hardened youth, 1917-1920] Hartovana iunist', 1917-1920 rr. Kyiv, Molod', 1960. 136 p. (Narysy z istorii leninsl'koho komsomolu Ukrainy) (MH)

IL'IASH, N. M. [Problems of party structure during the period of the advance of socialism on all fronts, 1929-1932] Nekotorye voprosy partiinogo stroitel'stva v period nastupleniia sotsializma po vsemu frontu, 1929-1932 gody. Kishinev, Gos. izd-vo "Kartia moldovenieske," 1961. 80 p.

[INSTRUCTIONS FOR THE DEPUTIES OF LOCAL SOVIETS] Pamiatka deputata mestnogo Soveta. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 158 p.

IURCHENKO, O. T. [Lenin and the Bolshevik organizations of the Ukraine, 1905-1907] Lenin i LIl'shovyts'ki organizatsii Ukrainy v 1905-1907 rr. Kyiv, Derzhpolitvydav URSR, 1960. 98 p. (MH)

IVANOV, I. K. [V. I. Lenin as the founder of a new theory of socialist revolution] V. I. Lenin, tvorets novoi teorii sotsialisticheskoi revoliutsii. Leningrad, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, Leningr. otd-nie, 1960. 53 p. (MH)

KÁDÁR, JÁNOS. [Selected articles and speeches, 1957-1960] Izbrannye stat'i i rechi, 1957-1960 gody. Moskva, Gos. izd-vo polit. lit-ry, 1960. 642 p. (CU)

KIRIUSHIN, B. T. [Course of Russian revolutionary spirit; an historical sketch of the revolutionary movement and social thought in Russia] Puti rossiiskoi revoliutsionnosti; ocherk istorii revoliutsionnykh dvizhenii i obshchestvennoi mysli v Rossii. [Frankfurt a. M.] Posev, 1959. 245 p. (RPB)

KOMAROV, V. E. [Public service funds under socialism] Fondy obshchestvennogo potrebleniia pri sotsializme. Moskva, Gos. izd-vo polit. lit-ry, 1961. 45 p. (V pomoshch' izuchaiushchim politicheskuiu ekonomiiu)

KOMMUNISTICHESKAIA PARTIIA TURKMENISTANA. 16 s"ezd, Ashkhabad, 1960. [Materials of the 16th Congress of the Communist Party of Turkmenistan] Materialy. Ashkhabad, Turkmengosizdat, 1960. 102 p. (MH)

KOREA (People's Democratic Republic, 1948-) [Memorandum of the government of the Korean People's Democratic Republic of March 6, 1961. "For the peaceful reunification of our country"] Memorandum Pravitel'stva Koreiskoi Narodno-Demokraticheskoi Respubliki. Za mirnoe ob"edinenie Rodiny, 6 marta 1961 goda. Pyongyang, Izd-vo lit-ry na inostr. iazykakh [n. d.] 39 p.

KRIUKOV, P. S., and V. G. MULIN. [Dangerous union; the aggressive bloc of American and West German monopolists] Opasnyi soiuz; agressivnyi blok amerikanskikh i zapadnogermanskikh monopolistov. Moskva, Znanie, 1961. 46 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 7, Mezhdunarodnaia, no. 5) Mif

KURGANOV, E. N., ed. [Militant aid of the party, from the history of the Communist Youth League, 1918-1953] Partii pomoshchnik boevoi, iz istorii Saratovskoi oblastnoi organizatsii VLKSM, 1918-1958. [Saratov] Saratovskoe knizhnoe izd-vo, 1959. 250 p. (MH)

LENIN, V. I. [The party program adopted by the Eighth Congress of the Russian Communist Party (Bolshevik); documents, articles, speeches] O programme partii, prinatoi na VIII s"ezde RKP(b); dokumenty, stat'i, rechi. Moskva, Gos. izd-vo polit. lit-ry, 1961. 221 p. (NN)

LENIN, V. I. [What is to be done?] Chto delat'? Moskva, Gos. izd-vo polit. lit-ry, 1961. 214 p.

[LITERATURE ON THE DECISIONS OF THE [illegible] CONGRESS OF THE CPSU [illegible] gandirma ishini tashkil etish [illegible] [Moskva, Gospolitizdat] 1960. 6 p.

LIVENTSOV, V. O. [Complete victory of socialism in the U.S.S.R. and its international significance] Polnaia i okonchatel'naia pobeda sotsializma v SSSR i ee mezhdunarodnoe [illegible] Akad. nauk URSR, 1959. 70 p. (MH)

MAMIKONIAN, K. A. [V. I. Lenin and the Bolshevik organizations of Transcaucasia (Caucasus) in 1893-1907] V. I. Lenin i bol'shevistskie organizatsii Zakavkaz'ia v 1893-1907 gg. Erevan, Izdanie Gos. univ-ta, 1961. 193 p.

MANSVETOV, N. V. [Nikolai Ivanovich [illegible], 1859-1919; a historical and biographical sketch] Nikolai Ivanovich Petrunkevich, 1859-1919, istoriko-biograficheskii ocherk. [Leningrad] Lenizdat, 1960. 151 p. (MH)

MEL'NYKOV, I. P. [The German Democratic Republic, a bulwark of peace in the center of Europe] Nemetskaia Demokraticheskaia Respublika - oplot mira v tsentre Evropy. Kyiv, Derzh. vyd-vo polit. lit-ry, 1960. 63 p. (NNC)

MOSCOW. GOSUDARSTVENNAIA UCHEBNAIA BIBLIOTEKA. [The Decembrist movement, bibliography of the literature, 1948-1959] Dvizhenie dekabristov, ukazatel' literatury, 1948-1959. Sost. R. G. Eimontova. Pri uchastii A. A. Solennikovoi. Pod obshchei red. M. V. Nechkinoi. Moskva, Izd-vo Vses. knizhnoi palaty, 1960. 134 p. (MH)

MURAV'EV, S. P., and E. M. BYKOVSKII. [Links between propaganda and practical work, new forms of propaganda among the masses, experience of the Communists who work at the tool shop of the First Bearing Plant] Sviaz' agitatsii s praktikoi, novye formy agitatsii v massakh, opyt kommunistov, instrumental'nogo tsekha 1-go Gosudarstvennogo podshipnikovogo zavoda. [Moskva] Moskovskii rabochii, 1961. 61 p.

MYKHAILIUK, V., and I. FEDOROV. [Shock troops of the socialist offensive, 1926-1932] Udarna brygada sotsialistychnoho nastupu, 1926-1932 rr. Kyiv, Molod', 1960. 157 p. (Narysy z istorii leninsl'koho komsomolu Ukrainy) (MH)

ORLOV, E., and N. SASHKO. [Governmental system of Jordan] Gosudarstvennyi stroi Iordanii. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 60 p. (Gosudarstvennyi stroi stran mira)

[PAGES OF LIFE, from the history of the Serdobsk organization of the CPSU] Stranitsy zhizni, iz istorii Serdobskoi organizatsii KPSS. [Penza] Penzenskoe knizhnoe izd-vo, 1961. 154 p.

[PARTY CONTROL IN ACTION, from the experience of committees to effect control of party organizations over administrative operations] Partiinyi kontrol' v deistvii, iz opyta raboty komissii partorganizatsii po osushchestvleniiu prava kontrolia deiatel'nosti administratsii. [Moskva] Mosk. rabochii, 1961. 123 p.

[PARTY WORK IN INDUSTRY; from the work experience of party organizations in the Ukraine] Partiina robota v promyslovosti, z dosvidu roboty partiinykh organizatsii Ukrainy. Kyiv, Derzh. vyd-vo polit. lit-ry, 1959. 411 p. (NNC)

PERELYGIN, N. S. [For the power of the Soviets, struggle of the workers for the establishment and consolidation of Soviet power in Lipetsk Province] Za vlast' Sovetov, bor'ba trudiashchikhsia za ustanovlenie i uprochenie Sovetskoi vlasti na territorii Lipetskoi oblasti. [Lipetsk] Lipetskoe knizhnoe izd-vo, 1960. 95 p. (MH)

PLIEV, B. Z. [South Ossetian Communist Youth League of Georgia during the years of the Great Patriotic War, 1941-1945] IUgo-Osetinskaia organizatsiia LKSM Gruzii v gody Velikoi Otechestvennoi voiny 1941-1945 gg. Stalinir, Gosizdat IUgo-Osetii, 1960. 65 p.

[PROPOSED STATUTES OF THE COMMUNIST PARTY OF THE SOVIET UNION] Kommunisticheskaia partiia Sovetskogo Soiuza, Ustav (Proekt). Moskva, Gos. izd-vo polit. lit-ry, 1961. 29 p.

SHOSTAK, P. [In the front ranks, 1933-1937] U pershykh riadakh, 1933-1937 rr. Kyiv, Molod', 1960. 83 p. (Narysy z istorii leninsl'koho komsomolu Ukrainy) (MH)

SHTRAKS, G. M. [The subject matter of dialectical and historical materialism] Predmet dialekticheskogo i istoricheskogo materializma. Moskva, Gos. izd-vo "Vysshaia shkola," 1960. 58 p. (Materialy k lektsiiam po dialekticheskomu i istoricheskomu materializmu)

SOGOMONIAN, A. G., and V. A. CHUMICHEV. [V. I. Lenin on the building of communism in the U. S. S. R.] V. I. Lenin o postroenii kommunizma v SSSR. Leningrad, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, Leningr. otd-nie, 1960. 52 p.
(MH)

TEREKHOV, I. S., and K. S. TARASENKO. [In serried ranks] Splochennymi riadami. Moskva, Gos. izd-vo polit. lit-ry, 1960. 140 p. (Voprosy partiinogo stroitel'stva)
(CSt-H)

TOLSTIAKOV, K. A. [The struggle of the Kazan Bolsheviks for the consolidation of Soviet power in Tatarla, 1917-1918] Bor'ba kazanskoi organizatsii bol'shevikov za uprochenie Sovetskoi vlasti [v Tatarii] 1917-1918 gg. Kazan', Tatarskoe knizhnoe izd-vo, 1960. 140 p.
(MH)

TRON'KO, P. T. [In the battle for the motherland, 1941-1945] V bolikh za vitchyznu, 1941-1945 rr. Kyiv, Molod', 1960. 147 p. (Narysy z istorii leninsʻkoho komsomolu Ukrainy)
(MH)

TYKHONOVA, IE. A. [The right of voters to recall their deputies] Pravo otzyva deputata. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 46 p.

ZNAMENSKAIA, L. I. [What peaceful coexistence of the two systems means] Chto oznachaet mirnoe sosushchestvovanie dvukh sistem. [Moskva] Mosk. rabochii, 1959. 51 p. (Reshenila XXI sʻezda KPSS v massy)

7. LAW

AVDEEV, IU. I., and V. N. STRUNNIKOV. Rules of socialist public order and how our people help to maintain them] Pravila sotsialisticheskogo obshchezhitiia i uchastie obshchestvennosti v ikh okhrane. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 67 p.

DURDYEV, B. [Establishment and development of the Soviet judicial system in Turkmenistan] Sozdanie i razvitie sovetskogo suda v Turkmenistane. Ashkhabad, Turkmenskoe gos. izd-vo 1960. 118 p.

EROFEEV, B. V., and L. G. GOLOVACHEVA. [Soviet land law] Sovetskoe zemel'noe pravo. Otv. red. M. S. Lipetsker. Moskva, Vses. iurid. zaochnyi in-t, 1960. 197 p.

FEL'DMAN, D. I. [Recognition of governments in international law] Priznanie pravitel'stv v mezhdunarodnom prave. [Kazan'] Izd-vo Kazanskogo univ., 1961. 89 p.

GLINKIN, IA. S., and A. M. PRYTKOV, comps. [Collection of forms of legal documents recommended for consumers' cooperatives] Sbornik form dokumentov po pravovym voprosam dlia sistemy potrebitel'skoi kooperatsii. Moskva, Izd-vo TSentrosoiuza, 1960. 63 p.

GRABOVSKAIA, N. P. [How Soviet criminal law struggles against juvenile delinquency] Ugolovno-pravovaia bor'ba s prestupleniiami nesovershennoletnikh v SSSR. [Leningrad] Izd-vo Leningr. univ., 1961. 77 p.

[HOW TO BRING SUIT FOR ALIMONY AND THE SUPPORT OF CHILDREN] Obrashchenie v sud dlia vzyskaniia alimentov. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 39 p. (Iuridicheskie konsultatsii dlia naseleniia v voprosakh i otvetakh, no. 11)

[IN WHAT CASES CAN A TENANT BE EVICTED BY LEGAL PROCEDURE] V kakikh sluchiakh vozmozhno vyselenie v sudebnom poriadke. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 49 p. (Iuridicheskie konsul'tatsii dlia naseleniia v voprosakh i otvetakh, no. 15)

IOFFE, O. S., and M. D. SHARGORODSKII. [Problems in the general theory of law] Voprosy teorii prava. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 380 p.

IVANOV, V. A. [Procedure in obtaining patents for inventions and efficiency proposals] Oformlenie aviorskoi zaiavki na izobretenie i ratsionalizatorskoe predlozhenie. Moskva, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, 1959. 26 p. (Bibliotechka "V pomoshch' rabotnikam BRIZov i Sovetov VOIR," no. 5)

[MICROFILM]

KARELIAN A. S. S. R. Constitution. [Constitution (fundamental law) of the Karelian Autonomous Soviet Socialist Republic, with amendments adopted at the first, third, fourth, and sixth sessions of the Fifth Supreme Soviet of the Karelian A. S. S. R.] Konstitutsiia (osnovnoi zakon) Karel'skoi Avtonomnoi Sovetskoi Sotsialisticheskoi Respubliki. S izmeneniiami i dopolneniiami priniatymi na I, III, IV, VI sessiiakh Verkhovnogo Soveta Karel'skoi ASSR piatogo sozyva. Petrozavodsk, Gos. izd-vo Karel'skoi ASSR, 1961. 30 p.

KÁZ, TS. M. [Evidence in Soviet criminal procedure] Dokazatel'stva v sovetskom ugolovnom protsesse [Saratov] Izd-vo Saratovskogo univ. 1960. 104 p.

KAZAKH S. S. R. [Meeting of the Fifth Supreme Soviet of the Kazakh S. S. R., second session, July 21-22, 1959. Verbatim report] Verkhovnyi Sovet. Zasedaniia Verkhovnogo Soveta Kazakhskoi SSR, piatogo sozyva (vtoraia sessiia) 21-22 iiulia 1959 goda. Stenograficheskii otchet. Alma-Ata, Kazakhskoe gos. izd-vo, 1959. 401 p.

KIRGHIZ S. S. R. Laws, statutes, etc. [Law on the judicial system of the Kirghiz Soviet Socialist Republic] Zakon o sudoustroistve Kirgizskoi Sovetskoi Sotsialisticheskoi Respubliki. Frunze, Kyrgyzstan mamlekettik basmasy, 1960. 30 p. [Parallel texts in Kirgiz and Russian.]

KUFAKOVA, N. A., and M. L. KOGAN. [The legal status of officials in charge of assigned credits] Pravovoe polozhenie raspordiaditelei kreditov. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 51 p.

LIBERMAN, F. KH. [Price regulation in the practice of state arbitration agencies] Primenenie tsen na proiktsiiu v praktike Gosudarstvennogo arbitrazha. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 89 p. (Biblioteehka khoziaistvennika i rabotnika iuridicheskoi sluzhby)

LUNEV, A. S. [Penalties and fines for the violation of administrative rules] Administrativnaia otvetstvennost' za pravonarushenila. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 185 p.

MASLOV, V. [Legal problems concerning individual and joint construction of dwellings in cities and workers' settlements] Pravovye voprosy individual'nogo i kollektivnogo zhilishchnogo stroitel'stva grazhdan v gorode i v rabochem poselke. Khar'kov, Khar'kovskii iuridicheskii institut, 1960. 78 p.

MIKOLENKO, IA. F. [Right of cooperative property in the U. S. S. R.] Pravo kooperativnoi sobstvennosti v SSSR. Moskva, Izd-vo Akad. nauk SSSR, 1961. 158 p.

MIL'MAN, A. SH. [Fellow workers' courts and their role in the maintenance of law and order] Tovarishcheskie sudy i ikh rol' v okhrane obshchestvennogo poriadka. Baku, Azerbaidzhanskoe gos. izd-vo, 1961. 39 p.

POPKOV, V. D. [Democratic principles of the legislative work of the Soviet state] Demokraticheskie osnovy zakonodatel'noi deiatel'nosti Sovetskogo gosudarstva. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 61 p.

POVET'EV, G. A., and F. I. GAVZE, eds. [Problems in Soviet civil and labor law] Voprosy sovetskogo grazhdanskogo i trudovogo prava. Minsk, Izd-vo Belgosuniversiteta im. V. I. Lenina, 1961. 125 p.

[REGULATIONS OF THE WORK OF COMMERCIAL ENTERPRISES, AND REGULATIONS OF THE SALE OF MERCHANDISE; collection of normative material] Pravila raboty torgovykh predpriiatii, pravila prodazhi tovarov; sbornik normativnykh materialov. Moskva, Gos. izd-vo torg. lit-ry, 1961. 862 p.

RUSSIA (1917- R. S. F. S. R.) Constitution. [Constitution (fudamental law) of the Russian Soviet Federated Socialist Republic, with amendments adopted at the third session of the Fifth Supreme Soviet of the R. S. F. S. R.] Konstitutsiia (osnovnoi zakon) Rossiiskoi Sovetskoi Federativnoi Sotsialisticheskoi Respubliki. S izmeneniiami i dopolneniiami, priniatymi na III sessii Verkhovnogo Soveta RSFSR, piatogo sozyva. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 34 p.

RUSSIA (1923- U. S. S. R.) Constitution. [Constitution (fundamental law) of the Union of Soviet Socialist Republics; with amendments adopted at the fifth session of the Fifth Supreme Soviet of the U. S. S. R.] Konstitutsiia (osnovnoi zakon) Soiuza Sovetskikh Sotsialisticheskikh Respublik. S izmeneniiami i dopolneniiami, priniatymi na piatoi sessii Verkhovnogo Soveta SSSR piatogo sozyva. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 29 p.

RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po ispol'zovaniiu atomnoi energii. [Rules for the transportation of radioactive substances] Pravila perevozki radioaktivnykh veshchestv. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhniki, 1961. 64 p.

SADIKOV, O. N. [Legal problems in the gas industry] Pravovye voprosy gazosnabzhenila. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 187 p.

SELEZNEV, N. A. [Universal history of the state and law of foreign countries; the state and law of China, from 1864 to 1918; the state and law of Japan, from 1868 to 1918] Vseobshchaia istoriia gosudarstva i prava zarubezhnykh stran; gosudarstvo i pravo Kitaia 1864-1918 gg., gosudarstvo i pravo Iaponii 1868-1918 gg. Uchebnoe posobie dlia studentov. Moskva, Mosk. gos. univ., 1960. 77 p.

[SOCIAL INSURANCE GRANTS BY REASON OF PREGNANCY AND CHILDBED, AND ON THE OCCASION OF THE BIRTH OF A CHILD] Posobiia po beremennosti i rodam i po sluchaiu rozhdeniia rebenka. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 63 p. (Iuridicheskie konsul'tatsii dlia naseleniia v voprosakh i otvetakh, no. 12)

[STATUTES OF THE UNION OF JOURNALISTS OF THE U. S. S. R.] Ustav Soiuza zhurnalistov SSSR. Moskva, 1960. 18 p.

[MICROFILM]

[SUPREME ORGANS OF GOVERNMENT IN THE PEOPLE'S DEMOCRACIES, a collection of legal enactments] Vysshie organy gosudarstvennoi vlasti stran narodnoi demokratii, sbornik normativnykh aktov. Moskva, Gos. izd-vo iurid. lit-ry.
No. 2. [The countries of Asia] Strany Azii. Obshchaia red. L. M. Gudoshnikova. 1961. 126 p.

TURKMEN S. S. R. Constitution. [Constitution (fundamental law) of the Turkmen S. S. R.] Turkmenistan Sovet Sotsialistik Respublikasynyn Konstitutsiiasy (Esasy kanuny). Turkmenistan SSR bäşlinjiňi chagyrylyşy Ýokary Sowetiniň ikinji çakyrylyşy we dördünjiňi sessiýalarynda kabul edilen üýtgetmeler we goşmaçalar girizilller. Ashgabat, Turkmenistan devlet neşirleriy, 1960. 31 p. [In Turkmen]

TURKMEN S. S. R. Laws, statutes, etc. [Law on the judicial system of the Turkmen S. S. R.] Zakon o sudoustroistve Turkmenskoi SSR. Ashgabat, 1960. 44 p. [Parallel texts in Turkmen and Russian.]

8. EDUCATION

AKADEMIIA NAUK KIRGIZSKOI SSR, Frunze, Institut istorii. [Development of culture in the Kirghiz S. S. R., 1930-1941] Kul'turnoe stroitel'stvo v Kirgizii, 1930-1941 gg. Frunze, Kirgizskoe gos. izd-vo.
Vol. 2., pt. 1. [Public education] Narodnoe obrazovanie. 1960. 412 p.

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Institut metodov obucheniia. [Teaching arithmetic in elementary schools] Iz opyta prepodavaniia arifmetiki v nachal'noi shkole. Pod red. M. I. Moro. Moskva, 1959. 132 p. (Pedagogicheskie chteniia)

[BADMINTON; rules of the game] Badminton; igra v mlach s rakletkami; pravila osnovanii. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1961. 30 p.

[BICYCLING; collection of articles] Velosipednyi sport, sbornik statei. Moskva, Gos. izd-vo "Fizkul'tura i sport,"
No. 2. 1961. 251 p.

BONDARENKO, V. A., and others. [Grading students' progress in physical education in grades 5-8] Otsenka uspevaemosti po fizicheskoi kul'ture v V-VIII klassakh. Pod red. V. A. Bondarenko. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 124 p. (Pedagogicheskaia biblioteka uchitelia)

BRYKIN, A. T., and V. P. KNIAZEV. [Safeguards in competitive gymnastics; manual for teachers, trainers, and public instructors] Strakhovka v sportivnoi gimnastike; posobie dlia prepodavatelei, trenerov i instruktorov-obshchestvennikov. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1961. 168 p.

BULATOV, N. P. [Production practice of students] Proizvodstvennaia praktika uchashchikhsia. Pod red. M. N. Skatkina. Moskva, Izd-vo Akad. pedagog. nauk, 1956. 73 p. (Politekhnicheskoe obuchenie v shkole)

[DANCES] Tantsy. Moskva, Izd-vo "Sovetskaia Rossiia." (Biblioteehka khudozhestvennoi samodeiatel'nosti, no. 14)
No. 2. 1961. 56 p.

FADEEV, V. G., A. A. PECHATIN, and V. D. SUROVIKIN. [Man underwater] Cheloviek pod vodoi. Izd. 2., ispr. i dop. Moskva, Izd-vo DOSAAF, 1960. 263 p.

FALAMEEV, A. I., and M. T. LUK'IANOV. [Weight lifting for young persons; school manual] Tiazheliia atletika dlia iunoshei; uchebnoe posobie. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1961. 198 p.

GLAVATSKII, M. E. [Ural State University] Ural'skii gosudarstvennyi universitet. [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1960. 59 p.

GORINEVSKAIA, V. V., and N. M. PEISAKHOV. [Touring on foot] Peshekhodnyi turizm. Izd. 2. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 71 p. (Bibliotechka shkol'nika)

GRADOPOLOV, K. V. [Boxing] Boks. Izd. 3., ispr. i dop. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1961. 340 p.

KAZAKBAEV, ABDYKAIR. [Some aspects of the reorganization of the public education system in Kirghizia] Nekotorye voprosy perestroiki sistemy narodnogo obrazovaniia v Kirgizii. Frunze, Kirgizskoe gos. uchebno-pedagog. izd-vo, 1960. 44 p.

KHODAKOV, IU. V. [Development of logical thinking in chemistry lessons] Razvitie logicheskogo myshleniia na urokakh khimii. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1958. 48 p. (Pedagogicheskaia biblioteka uchitelia)

KORKIN, V. P. [Extracurricular work in acrobatics a guide for instructors and trainers] Vneklassnaia rabota po akrobatike; posobie dlia uchitelei i trenerov. Leningrad, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR Leningr. otd-nie, 1961. 111 p.

KUSTAREVA, V. A. [Extracurricular reading lessons in primary grades] Uroki vneklassnogo chtenila v nachal'nykh klassakh. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 46 p. (Pedagogicheskaia biblioteka uchitelia)

KUZ'MIN, N. I., and B. L. RUKODEL'NIKOV. [Training of mountain climbers] Trenirovka al'pinista. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1961. 138 p.

LOVITSKAIA, I. V., and S. L. FEIGIN. [Industrial calisthenics; manual for instructors and public workers] Proizvodstvennaia gimnastika; posobie dlia instruktorov-obshchestvennikov. [Moskva] Izd-vo VTsSPS Profizdat, 1961. 102 p.

MEZHDUNARODNAIA KNIGA. [Soviet books published by "Fizkul'tura i sport" during 1961] Sovetskie knigi izdatel'stva "Fizkul'tura i sport" na 1961 god. Moskva, 1961. 127 p. (Katalog dlia zaiavok, no. 25)

NAGORNYI, A. G. [Tourism as one of the activities of the "Ready for Labor and Defense" Organization] Turizm v komplekse GOT. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1960. 71 p.

NEISHTADT, IA. I. [Chess before Steinitz] Shakhmaty do Steinitsa. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1961. 278 p.

OZEROVA, N. V., F. E. ROITENBERG, and S. A. SMIRNOVA. [Textbook on developing speech skills] Posobie po razvitiiu navykov ustnoi rechi. Moskva, Izd-vo lit-ry na inostr. iazykakh, 1960. 169 p.
(NNC)

PENCHKO, N. A. [The establishment of Moscow University] Osnovanie Moskovskogo universiteta. [Moskva] Izd-vo Mosk. univ., 1952. 173 p.
(MH)

POLEVOI, N. [The All-Union Chess Tournament of Collective Farmers held in 1950] Vsesoiuznyi shakhmatnyi turnir kolkhoznikov 1950 g. Moskva, "Fizkul'tura i sport," 1951. 134 p.
(NN)

SKATKIN, L. N., ed. [Teaching arithmetic in grades 1-4 of elementary schools] Iz opyta prepodavaniia arifmetiki v I-IV klassakh nachal'noi shkoly. Sost. M. S. Nakhimova. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1959. 155 p.

TEMCHENKO, I. V. [The Ukrainian language; textbook for the second grade of the Russian elementary school] Ukrains'ka mova; pidruchnyk dlia druhoho klasu pochatkovoi shkoly z rosiis'koiu movoiu navchannia. Vyd. 17. Kyiv, Vyd-vo "Radians'ka shkola," 1958. 135 p.
(InU)

[THREE INTERPRETIVE DANCES] Tri siuzhetnykh tantsa. Moskva, Gos. izd-vo "Iskusstvo," 1961. 122 p. (Repertuar khudozhestvennoi samodeiatel'nosti, no. 12)

TIKHONOV, E. IA. [The work plan of a seminar on theory] Teoreticheskii seminar i organizatsiia ego raboty. Moskva, Gos. izd-vo polit. lit-ry, 1961. 46 p. (Bibliotechka propagandista, no. 5)

VERZINA, A. K. [Observations of the weather by students of the grades 1-4] Nabliudeniia pogody uchashchimisia I-IV klassov. Pod red. P. A. Zavitaeva Moskva, Izd-vo Akad. pedagog. nauk, 1958. 38 p. (Pedagogicheskie chteniia)

ZENOV, M. S. [Training students in the revolutionary and labor traditions of the Soviet people] Vospitanie uchashchikhsia na revoliutsionnykh i trudovykh traditsiiakh sovetskogo naroda. Moskva, Gos uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 98 p.

ZHILKINA, A. D., and V. F. ZHILKIN. [Handwork in elementary schools] Ruchnoi trud v nachal'noi shkole Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1958. 230 p.

ZYKOV, S. A., and B. D. KORSUNSKAIA. [Lessons in a school for the deaf and dumb] Urok v shkole glukhonemykh, sbornik statei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1954. 237 p.

9. MUSIC, THEATER & MOTION PICTURES

ABRAMSKII, A. S. [Songs of the Russian North] Pesni russkogo Severa. Pod obshchei red. S. Akslula. Moskva, Sovetskii kompozitor, 1959. 133 p.

[THE AMATEUR PUPPET THEATER] Samodeiatel'nyi teatr kukol. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 63 p. (Bibliotechka khudozhestvennoi samodeiatel'nosti, no. 13)

ARANOVSKII, M. G. [Vadim Nikolaevich Salmanov; a sketch of his life and works] Vadim Nikolaevich Salmanov, ocherk zhizni i tvorchestva. [Leningrad, Izd-vo "Sovetskii kompozitor," 1961] 74 p.

BERNATSKAIA, R. P. [Mikhail Fedorovich Romanov, People's Actor of the U. S. S. R.] Mikhail Fedorovich Romanov, narodnyi artist SSSR. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1960. 37 p. (Dekada ukrains'koi literatury ta mystetstva)
(MH)

BOBOSHKO, IU. N. [Hnat Petrovych IUra, People's Actor of the U. S. S. R.] Hnat Petrovych IUra, narodnyi artist SSSR. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1960. 46 p. (Dekada ukrains'koi literatury ta mystetstva)
(MH)

BOGANOVA, T. V. [Cello concerto by D. Shostakovich] Violonchel'nyi kontsert D. Shostakovicha; poiasnenie. Moskva, "Sovetskii kompozitor," 1960. 27 p.

BORYMS'KA, H. [The Honored State Dance Ensemble of the Ukrainian S. S. R.] Derzhavnyi zasluzhenyi ansambl' tantsiu Ukrains'koi RSR. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1959. 30 p.
(MH)

BRECHT, BERTOLT. [On the theater. Translated from the German. Preface by E. Etkind] O teatre; sbornik statei. [Moskva] Izd-vo inostr. lit-ry, 1960. 362 p.

CHAIKOVSKII, P. I. [Complete collected works] Polnoe sobranie sochinenii. Moskva, Gos. muzykal'noe izd-vo.
Vol. 6. [Literary works and correspondence] Literaturnye proizvedeniia i perepiska. Tom podgotovlen N. A. Viktorovoi i B. I. Rabinovichem. 1961. 396 p.

CHAIKOVSKII, P. I. [P. I. Chaikovskii's "Queen of spades."] Pikovaia dama P. I. Chaikovskogo. Moskva, Muzgiz, 1958. 93 p. (Opernye libretto)
(CLU)

DATSENKO, B. IE. [The image of the Communist in Soviet Ukrainian dramaturgy and on the stage; lecture materials] Obraz komunista v ukrains'kii radians'kii dramaturgii i na stseni; materialy do lektalu. Kyiv, 1959. 27 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 14, no. 6)
(MH)

DONADZE, V. G. Zakharii Paliashvili. Moskva, Gos. muzykal'noe izd-vo, 1958. 232 p.

DRUSKIN, M. S. [Past and present] Istoriia i sovremennost'; stat'i o muzyke. Leningrad, Sovetskii kompozitor, 1960. 316 p.

DZHANELIDZE, DIMITRII. [The Georgian theater from ancient times to the second half of the 19th century] Gruzinskii teatr s drevneishikh vremen do vtoroi poloviny XIX veka. Tbilisi, Zaria Vostoka, 1959. 375 p.
(MH)

FRIDKIN, G. A. [Practical guide in studying the elements of music] Prakticheskoe rukovodstvo po muzykal'noi gramote. Moskva, Gos. muzykal'noe izd-vo, 1960. 200 p.

GAIDAI, I. N. [Daniil Isidorovich Antonovich, people's artist of the U. S. S. R.] Daniil Isidorovich Antonovich, narodnyi artist SSSR. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1960. 42 p. (Dekada ukrains'koi literatury ta mystetstva)
(MH)

GAUDRIMAS, J. K. [Balys Dvarionas] Balis Dvarionas. Moskva, Sovetskii kompozitor, 1960. 29 p.

GUGUSHVILI, E. N., and A. Z. IUFIT. [The Bolshevik press and the theater] Bol'shevistskaia pechat' i teatr. Leningrad, Gos. izd-vo "Iskusstvo," 1961. 304 p.

[A GUIDE TO THE HOLOGRAPHS OF L. BEETHOVEN IN DEPOSITORIES OF THE U. S. S. R.] Avtografy L. Betkhovena v khranilishchakh SSSR; spravochnik. Moskva, Gos. tsentr. muzei muzykal'noi kul'tury im. M. I. Glinki, 1959. 13 p.

GUSIN, I. L. [Oles' Semenovich Chishko, an account of his life and works] Oles' Semenovich Chishko, ocherk zhizni i tvorchestva. Leningrad, Sovetskii kompozitor, 1960. 98 p.
(CLU)

[THE HONORED STATE ENSEMBLE OF BANDURISTS OF THE UKRAINIAN S. S. R.] Gosudarstvennaia zasluzhennaia kapella banduristov USSR. [Kiev, Gos. izd-vo izobraz. iskus. i muzykal'noi lit-ry USSR, 1960] 1 v. illus. (Dekada ukrains'koi literatury ta mystetstva)

ISAEVA, K. M. [Our contemporary on the screen] Nash sovremennik na ekrane. Moskva, Izd-vo "Znanie," Vses. ob-va po raspr. polit. i nauchn. znanii, 1961. 39 p. (Narodnyi universitet kul'tury, no. 3)

IUNAKOVSKII, V. S. [Mastery in the writing of screenplays] Stsenarnoe masterstvo. Moskva, Iskusstvo, 1960. 255 p. (Biblioteka molodogo kinematografista)
(MH)

KAIDALOVA, O. N. [The Soviet multinational theater] Sovetskii mnogonatsional'nyi teatr. Moskva, Izd-vo "Znanie" Vses. ob-va po rasprostraneniiu polit. i nauchn. znanii, 1961. 37 p. (Narodnyi universitet kul'tury. Fakul'tet literatury i iskusstva, no. 7)

KARLINSKAIA-SKUDINA, G. S. [Ballet] Balet. Moskva, Gos. muzykal'noe izd-vo, 1960. 61 p. (Muzykal'nye formy i zhanry)

KIEV. GOSUDARSTVENNYI DRAMATICHESKII TEATR IMENI I. FRANKO. [The Ivan Franko Ukrainian State Drama Theater in Kiev] Kievskii gosudarstvennyi ordena Lenina akademicheskii ukrainskii dramaticheskii teatr im. Ivana Franko. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1960. 1 v. illus. (Dekada ukrains'koi literatury ta mystetstva)

KIRTOKA, A., and M. MANUILOV. [The Moldavian State Theater of Opera and Ballet] Moldavskii gosudarstvennyi teatr opery i baleta. Kishinev, [Kartia moldovenieske] 1960. 51 p. (Dekada moldavskogo iskusstva i literatury v Moskve)
(MH)

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA TSentral'nyi Komitet. [Materials of a discussion devoted to the decision of the Central Committee of the CPSU of May 28, 1958, "Correcting the wrong evaluation of the operas 'Great friendship,' 'Bogdan Khmel'nitskii,' and 'With all our hearts'"] Postanovlenie TsK KPSS ot 28 maia 1958 goda "Ob ispravlenii oshibok v otsenke oper "Velikaia druzhba," "Bogdan Khmel'nitskii" i "Ot vsego serdtsa"; materialy obsuzhdeniia. Moskva, Sovetskii kompositor, 1958. 62 p.

KONEN, V. D. [Modern music of the bourgeois West] Sovremennaia muzyka burzhuaznogo Zapada. Moskva, Izd-vo "Znanie," 1961. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6, Literatura i iskusstvo, no. 12)

KORDIANI, B. F. [Boris Vasil'evich Romanitskii, People's Actor of the U. S. S. R.] Boris Vasil'evich Romanitskii, narodnyi artist SSSR. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1960. 50 p. illus. (Dekada ukrains'koi literatury ta mystetstva)
(MH)

KORNEEV, A. A., and A. N. KORNEEV. [The electric guitar] Adapterizovannaia gitara. Moskva, Gos. energ. izd-vo, 1960. 22 p. (Massovaia radiobiblioteka, no. 390)

KREMLEV, IU. A. [Vasilii Pavlovich Solov'ev-Sedoi; a sketch of his life and activities] Vasilii Pavlovich Solov'ev-Sedoi; ocherk zhizni i tvorchestva. Leningrad, Sovetskii kompozitor, 1960. 217 p.

MAIBORODA, G.I. [Songs written by Soviet Ukrainian composers from 1917 to 1957] Romansy ukrains'kykh radians'kykh kompozytoriv 1917-1957. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry, 1957. 216 p.
(NN)

MARIIA PETROVNA LILINA. Moskva, Vses.os. teatral'noe obshchestvo, 1960. 305 p.

MARTYNOV, I.I. Musorgskii. Moskva, Gos. muzykal'-noe izd-vo, 1960. 76 p. (Bibliotechka liubitelia muzyki)

MEL'NICHUK-LUCHKO, L.T. [Vasilii Sergeevich IAremenko, People's Singer of the U.S.S.R.] Vasilii Sergeevich IAremenko narodnyi artist SSSR. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1960. 36 p. (Dekada ukrains'koi literatury ta mystetstva)
(MH)

MOLOSTOVA, I.A. [Nikolai Dmitrievich Vorvulev, People's Artist of the U.S.S.R.] Nikolai Dmitrievich Vorvulev, narodnyi artist SSSR. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1960. 37 p. (Dekada ukrains'koi literatury ta mystetstva)
(MH)

MOSCOW. GOSUDARSTVENNYI AKADEMICHESKII BOL'SHOI TEATR. [Carmen, an opera in four acts Translated from the French] Karmen, opera v 4-kh deistviiakh. Muzyka Zh. Bize. Libretto (po motivam P. Merime) A. Mel'iaka i L. Galevi. Moskva, 1960. 10 p.

MUKHARINSKAIA, L.S. [White Russian State People's Song and Dance Ensemble] Belorusskii gosudar-stvennyi narodnyi ansambl' pesni i tantsa. Minsk, Gos. izd-vo BSSR, 1959. 45 p.
(MH)

NEDZVEDSKII, A.V. [Vasyl' Stepanovych Vasyl'ko, People's Actor of the U.S.S.R.] Vasilii Stepanovich Vasil'ko, narodnyi artist SSSR. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1960. 34 p. (Dekada ukrains'koi literatury ta mystetstva)
(MH)

[NOT BY HUMOR ALONE; a collection for vaudeville] Ne tol'ko v shutku, estradnyi sbornik. Moskva, Gos. izd-vo "Iskusstvo," 1961. 123 p. (Repertuar khudo-zhestvennoi samodeiatel'nosti, no. 8)

ORLENEV, P.N. [The life and creative activities of Pavel Orlenev as described by the Russian actor himself] Zhizn i tvorchestvo russkogo aktera Pavla Orlenova, opisannye im samim. Leningrad, Gos. izd-vo "Iskusstvo," 1961. 342 p. (Teatral'nye memuary)

[PROTECT THE MOTHERLAND, repertory for amateur entertainment programs of soldiers and sailors] Otchizny beregi, repertuarnyi sbornik dlia armeiskoi i flotskoi khudozhestvennoi samodeiatel'nosti. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 87 p.

RAKHMANOV, MAMADZHAN. [Khamza Khakim-zade Niiazi and the Soviet Uzbek theater] Khamza Khakim-zade Niiazi i uzbekskii sovetskii teatr. Tashkent, Goslitizdat UzSSR, 1959. 389 p. [In Uzbek.]
(MH)

ind music] Kak
'o "Znanie" Vses.
znanii, 1961. 39 p.
o. 2)

ININ PROVINCE]
alinin] Kalininskoe

Russian folk chorus;
ylk choruses]
im, v pomoshch'
chudozhestvennoi
muzykal'noe izd-vo,

0 to 1917 IN FIVE
oductions of
i to Gor'kii]
vypuskakh;
inovok russkoi
ogo. Moskva,

from 1750 to
1750-1830. Pod
. 170 p.

ostakovich, a
ostakovich;
kva, Sovetskii

SHAPORIN, IU.A. [Elegies, for voice and piano] Elegii, dlia golosa s fortepiano. Moskva, Gos. muzykal'noe izd-vo, 1947. 55 p.
(IEN)

SHEBALIN, V.IA. [Score of the Lenin dramatic sym-phony for a reciter, soloists, mixed chorus, and full symphony orchestra based on V. Maiakovskii's poem "Vladimir Il'ich Lenin"] Lenin; dramaticheskaia simfoniia dlia chteca, solistov, smeshannogo khora i bol'shogo simfonicheskogo orkestra po poeme V. Maiakovskogo "Vladimir Il'ich Lenin." Partitura, soch. 16. Moskva, Gos.muzynal'noe izd-vo, 1960. 146 p.

SHIRINIAN, R.K. [The oratorio and the cantata] Ora-toriia i kantata. Moskva, Gos. muzykal'noe izd-vo, 1960. 39 p. (Muzykal'nye formy i zhanry)

SMIRNOV, M. [Piano works of A. Dvořák] Fortep'iannoe tvorchestvo A. Dvorzhaka. Moskva, Gos. muzykal'-noe izd-vo, 1960. 133 p.

STEBUN, I.I. [Mikhail Stepanovich Grishko, People's Singer of the U.S.S.R.] Mikhail Stepanovich Grishko, narodnyi artist SSSR. Kyiv, Derzh. vyd-vo obra-zotvorchoho mystetstva i muzychnoi lit-ry URSR, 1960. 37 p. (Dekada ukrains'koi literatury ta mystetstva)
(MH)

STEFANOVICH, M.P. [Ivan Sergeevich Patorzhinskii, People's Singer of the U.S.S.R.] Ivan Sergeevich Patorzhinskii, narodnyi artist SSSR. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1960. 38 p. (Dekada ukrains'koi literatury ta mystetstva)
(MH)

STUPEL', A.M., and V.IA. TRAININ. [Amid books on music, reading matter on Russian composers] Sredi knig o muzyke, chto chitat' o russkikh kompositorakh. Leningrad, Gos. muzykal'noe izd-vo, 1960. 61 p. (Biblioteka muzykal'nogo samoobrazovaniia)

TERNIUK, P.I. [Ivan Aleksandrovich Mar'ianenko, People's Actor of the U.S.S.R.] Ivan Aleksandrovich Mar'ianenko, narodnyi artist SSSR. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1960. 49 p. (Dekada ukrains'koi literatury ta mystetstva)
(MH)

[THEATRICAL ENCYCLOPEDIA] Teatral'naia entsiklo-pediia. Glav. red. S.S. Mokul'skii. Chleny red. kollegii G.N. Boiadzhiev i dr. Moskva, Gos. nauchn. izd-vo "Sovetskaia Entsiklopediia."
Vol. 1. 1961. 1214 columns.

TIGRANOV, G.G. [The Armenian musical theater] Armianskii muzykal'nyi teatr; ocherki i materialy. Erevan, Aipetrat.
Vol. 2. 1960. 307 p.

TORDZHIAN, K.V. Romanos Melikian. Erevan, Armian-skoe gos. izd-vo, 1960. 189 p. [In Armenian.]
(MH)

TSENTRAL'NAIA STANTSIIA IUNYKH TEKHNIKOV, Moscow. [Electrophone] Elektrofon. [Moskva] Izd-vo "Detskii mir."
No. 1. 1961. 1 fold. l. (Prilozhenie k zhurnalu "IUnyi tekhnik," no. 11(101))
No. 2. 1961. 1 fold. l. (Prilozhenie k zhurnalu "IUnyi tekhnik," no. 12(102))

VOL'MAN, B.L. [The guitar in Russia; historical sketch of the art of the guitar] Gitara v Rossii; ocherk istorii gitarnogo iskusstva. Leningrad, Gos. muzykal'noe izd-vo, 1961. 177 p.

10. FINE ARTS

AGADZHANIAN, V.A. [My memories of Agadzhanian] Moi vospominaniia ob Agadzhaniane. Erevan, Armgos-izdat, 1961. 86 p. plates.

AKADEMIIA BUDIVNYTSTVA I ARKHITEKTURY URSR. [The Ukraine; architecture of cities and villages] Ukraina, arkhitektura mist i sil. Kyiv, Derzh. vyd-vo lit-ry z budivnytstva i arkhitektury URSR, 1959. 341 p. chiefly illus.
(NN)

AKADEMIIA KHUDOZHESTV SSSR. [Catalog for the exhibition of the works of Rockwell Kent (U.S.A.); paintings, graphic arts, books] Vystavka proizvedenii Rokuella Kenta (SShA); zhivopis', grafika, knigi. Katalog. Leningrad, 1961. 27 p. plates.
(MH)

AKADEMIIA NAUK SSSR. Institut istorii iskusstv. [History of Russian art] Istoriia russkogo iskusstva. Pod obshchei red. L.E. Grabaria, V.S. Kemenova i V.N. Lazareva. Moskva,
Vol. 6. 1961. 492 p.

ARU'TIUNIAN, V.M. [Caravansarais and bridges of Medieval Armenia. Karavansarai i mosty srednevekovoi Armenii] Erevan, Armgosizdat. 1960. 145 p. [In Armenian.]
(MH)

ASEEV, IU.S. [The Spasskiy Sobor in Chernigov, a monument of 11th century architecture] Spas'kyi sobor u Chernihovi, pam'iatnyk arkhitektury XI st. Kyiv, Derzh. vyd-vo lit-ry z budivnytstva i arkhit. URSR, 1959. 10 p. illus., (Derzhavnyi komitet Rady Ministriv URSR v spravakh budivnytstva. Pam'iatnyky arkhitektury Ukrains'koi RSR)
(MH)

BAKSHEEV, V.N. [Memoirs] Vospominaniia. Moskva, Izd-vo Akad. khudozh. SSSR, 1961. 136 p.

[BELOVED IL'ICH; V.I. Lenin as portrayed in paintings, works of sculpture, and graphic arts at the exhibition "Sovetskaia Rossiia" during 1960] Rodnoi Il'ich, V.I. Lenin v proizvedeniiakh zhivopisi, skul'ptury i grafiki, predstavlennykh na vystavke "Sovetskaia Rossiia" v 1960 godu. [Moskva] Izd-vo "Sovetskaia Rossiia," 1960. 1 v. plates (Vystavka Sovetskaia Rossiia 1960)

BOGORODSKII, F.S. [Memoirs of an artist] Vospomina-niia khudozhnika. Moskva, Sovetskii khudozhnik, 1959. 317 p.
(KU)

BOTTICELLI, SANDRO. [Sandro Botticelli] Sandro Botticelli. Moskva, Gos. izd-vo izobraz. iskus., 1960. [12] p. illus. (Mastera mirovoga iskusstva)

CHEKALLOV, A.K. [Art in everyday life] Iskusstvo v bytu. Moskva, Izd-vo Akad. khudozh. SSSR, 1961. 70 p.

[COLLECTED MATERIALS ON THE TEN-DAY FESTIVAL OF GEORGIAN ART AND LITERATURE HELD IN MOSCOW DURING MARCH, 1958] Dekada gruzinskogo iskusstva i literatury v Moskve, mart 1958. Sbornik materialov. Tbilisi, Izd-vo Soiuza pisatelei Gruzii "Zaria Vostoka," 1959. 696 p.

DIUZHENKO, IU. [Petro Oleksiiovych Levchenko, a sketch of his life and works] Petro Oleksiiovych Levchenko; narys pro zhyttia i tvorchist'. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry, 1959. 47 p. plates.
(MH)

EHRENBURG, I.G. [Karel Purkyně] Karol Purkine. Moskva, Gos. izd-vo "Iskusstvo," 1960. 13 p. plates.

FEKHNER, M.V. Kaluga. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 149 p. (Arkhitektura gorodov SSSR)

FOGEL', Z.V. [Young artists of Transcaucasia] Molodye khudozhniki Zakavkaz'ia. [Moskva] Sovetskii khudozhnik, 1959. 17 p.
(KU)

GABIBOV, NUREDDIN, and MURSAL NADZHAFOV. [Art of the Soviet Azerbaijan; painting, sculpture, and graphic arts] Iskusstvo Sovetskoge Azerbaidzhana, ocherki. Zhivopis', skul'ptura, grafika. Moskva, "Iskusstvo," 1960. 198 p. illus.
(NN)

GRITSAI, N.A. [The building of the T.H. Shevchenko University in Kiev, a monument of 19th-century architecture] Zdanie universitetu im. T.G. Shev-chenko v Kieve; pamiatnik arkhitektury XIX v. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1959. 17 p. (Pamiatniki arkhitektury Ukrainskoi SSR)
(MH)

IVANOV, S.V. Sergei Vasil'evich Ivanov. Moskva, Gos. izd-vo izobraz. iskus, 1960. [15] p. illus. (Mastera russkogo iskusstva)

KARDOVSKII, D.N. [On art; reminiscences, articles, letters] Ob iskusstve, vospominaniia, stat'i, pis'ma. Moskva, Izd-vo Akad. khudozh. SSSR, 1960. 338 p.
(NN)

KAZARIAN, M.M. [Vardges Surenians. Erevan, Armianskoe gos. izd-vo] 1960. 95 p. [In Armenian.]
(MH)

KHARKOV. DERZHAVNYI MUZEI OBRAZOTVORCHOHO MYSTETSTVA. [Kharkov State Museum of Fine Arts] Kharkivs'kyi derzhavnyi muzei obrazotvorchoho mystetstva. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1960. 15 p.
(NN)

KIBRIK, E.A. [Art and the artist] Iskusstvo i khudozhnik. [Moskva] Molodaia gvardiia, 1959. 63 p.
(KU)

KIEV. DERZHAVNYI MUZEI UKRAINS'KOHO MYSTETSTVA. [The Kiev State Museum of Ukrainian Art] Kyivs'kyi derzhavnyi muzei ukrains'koho mystetstva. [Kyiv] Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1959] 47 p. plates.

KIRILLOVA, L. I. [Scale in architecture] Masshtabnost' v arkhitekture. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 180 p.

KRIVENKO, I. A. Evsei Evseevich Moiseenko. Leningrad, Khudozhnik RSFSR, 1960. 35 p.
(MH)

KULIKOVA, K. F. Aleksandr Beniaminov. [Leningrad, Iskusstvo, 1960] 145 p.
(MH)

LEVINSON, N. R., and L. N. GONCHAROVA. [Russian bronzes, decorative-applied sculpture of the 19th century] Russkaia khudozhestvennaia bronza; dekorativno-prikladnaia skul'ptura XIX v. Moskva, Sovetskaia Rossiia, 1958. 86 p. 82 plates (Pamiatniki kul'tury, no. 29)
(DDO)

LIVSHITS, M. IA. Lazar' Isaakovich Dubinovskii. Kishinev, Gos. izd-vo "Kartia moldoveniaske," 1960. 19 p. plates. (Dekada moldavskogo iskusstva i literatury v Moskve)

LIVSHITS, M. IA. Leonid Pavlovich Grigorashenko. Kishinev, Gos. izd-vo "Kartia moldovenieske," 1960. 19 p. plates. (Dekada moldavskogo iskusstva i literatury v Moskve)

MASHKOVTSEV, N. G. Vasilii Ivanovich Surikov. Moskva, Gos. izd-vo izobraz. iskus., 1960. 1 v. illus.
(NN)

MASLENNIKOVA, Z. D. [Working with paints in schools] Rabota kraskami v shkole. Leningrad, Uchpedgiz, 1959. 79 p. illus.
(CLU)

[MICHELANGELO DA CARAVAGGIO] Mikol'andzhelo da Karvadzho. Moskva, Gos. izd-vo izobraz. iskus., 1960. 1 v. illus.

MOSCOW. GOSUDARSTVENNYI ISTORICHESKII MUZEI. [The art of Rus during the Rublev period, 14th to the beginning of the 16th century, a catalog] Iskusstvo Rusi epokhi Rubleva, XIV - nachala XVI vv.; katalog. Moskva, 1960. 29 p. plates.
(MH)

NAZIMOVA, I. V. [Aleksandr Alekseevich Borisov; his life and works] Aleksandr Alekseevich Borisov, zhizn' i tvorchestvo. [Arkhangel'sk] Arkhangel'skoe knizhnoe izd-vo, 1959. 56 p.
(MH)

[PAINTING IN THE BULGARIAN PEOPLE'S REPUBLIC] Zhivopis' narodnoi respubliki Bolgarii [Leningrad, 1960] folder (plates) (Vystavka proizvedenii izobrazitel'nogo iskusstva sotsialisticheskikh stran, Moskva, 1958-1959 gg.)

POLENOV, V. D. [Reproductions] Reproduktsii. Moskva, Gos. izd-vo izobrazitel'nogo iskus., 1960. 62 p. plates.
(NN)

POLKANOV, A. I. [Nikolai Semenovich Samokish; his life and works. On the 100th anniversary of his birth, 1860-1960.] Nikolai Semenovich Samokish; zhizn' i tvorchestvo. K 100-letiiu so dnia rozhdeniia, 1860-1930. Simferopol', Krymizdat, 1960. 118 p.
(MH)

POSTNIKOVA-LOSEVA, M. M., and N. G. PLATONOVA. [Russian silversmithing from the 15th to the 19th century] Russkoe khudozhestvennoe serebro XV-XIX v. pod red. A. B. Saltykova. Moskva, Sovetskaia Rossiia, 1959. 69 p. plates. (Gosudarstvennyi istoricheskii muzei. Pamiatniki kul'tury, no. 26)
(DDO)

PRYTKOV, V. A. Nikolai Aleksandrovich IAroshenko. Moskva, Iskusstvo, 1960. 319 p. plates (Zhivopis', skul'ptura, grafika; monografii)
(MH)

PUGACHENKOVA, G. A., and L. I. REMPEL'. [Distinguished monuments of Uzbek art] Vydaiushchiesia pamiatniki izobrazitel'nogo iskusstva Uzbekistana. [Tashkent, Gos. izd-vo khudozh. lit-ry UzSSR, 1960] 326 p.

RODAKIDZE, A. I. [Villages and dwellings of Georgian mountaineers in the past and at present] Zhilishche i poselen'ia gortsev Gruzii v proshlom i nastoiashchem. Moskva, 1960. 11 p.
(CLU)

[RUSSIAN ART DURING THE FIRST HALF OF THE 19th CENTURY, reproductions] Russkoe iskusstvo pervoi poloviny XIX veka, reproduktsii [Moskva, Izogiz, 1960. 4] p. 12 plates (Istoriia russkogo iskusstva)
(MH)

SEROV, V. A. [Selected works] Izbrannye proizvedeniia. [Moskva, Sovetskii khudozhnik, 1958] 15 plates.
(MH)

SHMERLING, R. O., V. O. DOLIDZE, and T. V. BARNAVELI. [Environs of Tiflis, architectural guidebook] Okrestnosti Tbilisi; arkhitekturnyi putevoditel' Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1960. 117 p. illus.

SHMIDT, I. M. Vasilii Ivanovich Demut-Malinovskii. Moskva, Iskusstvo, 1960. 208 p. plates. (Zhivopis', skul'ptura, grafika, monografii)
(MH)

STASOV, V. V. [Selected articles on Russian painting; for secondary schools] Izbrannye stat'i o russkoi zhivopisi, dlia srednei shkoly. Moskva, Gos. izd-vo detskoi lit-ry, 1960. 237 p. (Shkol'naia biblioteka)
(NN)

STEINLEN, THEOPHILE ALEXANDRE. Teofil'-Aleksandr Steinlen. Moskva, Gos. izd-vo izobraz. iskus., 1960. [11] p. illus. (Mastera mirovogo iskusstva)

STERNIN, G., ed. [Russian drawing] Russkii risunok. Moskva, Gos. izd-vo izobraz. iskusstva, 1960. 1 v. illus.
(NN)

TURCHENKO, IU. IA. [Problems in art education, through the pages of domestic periodicals from the last quarter of the 19th century] Voprosy khudozhestvennogo obrazovaniia, po stranitsam otechestvennoi periodiki poslednei chetverti XIX v. Kiev, Izd-vo Akad. nauk USSR, 1959. 50 p.
(RPB)

ZAPASKO, IA. P. [Decorative design of Ukrainian books written by hand] Ornamental'ne oformlennia ukrains'-koi rukopysnoi knyhy. Kyiv, Vyd-vo Akad. nauk URSR, 1960. 180 p.

ZAVLAVSKAIA, O. V. Vitalii Konstantinovich TSvirko. Moskva, Sovetskii khudozhnik, 1960. 86 p. plates.
(MH)

11. LANGUAGE, LITERATURE & FOLKLORE

ABAGINSKII, A. G. [Under northern skies; verse. Translated from the Yakut] Pod severnym nebom; stikhi. Moskva, Sovetskii pisatel', 1959. 81 p.
(CLU)

ABDULLIN, I. A. [Nightingale junction; stories. Translated from the Bashkir] Solov'inyi raz"ezd, rasskazy. Moskva, Sovetskii pisatel', 1960. 195 p.
(MH)

ABRAMOV, I. V. [Zhenia Bol'shova; stories and tales] Zhenia Bol'shova; rasskazy i povesti. [Briansk] Brianskii rabochii, 1960. 216 p.
(MH)

ABRAMOVICH, G. L. [Introduction to literary criticism; a manual for pedagogical institutes] Vvedenie v literaturovedenie; posobie dlia pedagogicheskikh institutov. Izd. 3. ispr. i dop. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 402 p.

ADAMOVICH, A. M. [War under the roofs; a novel] Voina pod kryshami; roman. Minsk, Gosizdat BSSR, 1960. 286 p.
(MH)

ADAMOVICH, G. V. [Tolstoi; a speech delivered at a meeting in Paris on December 3, 1960] Tolstoi. Rech' na sobranii v Parizhe 3-go dekabria 1960 goda. Paris, 1960. 30 p.
(NjP)

ADMONI, V. G. [Thomas Mann; a sketch of his work] Tomas Mann; ocherk tvorchestva. Leningrad, Sovetskii pisatel', 1960. 349 p.
(CU)

AFZAL, GAMIL'. [In formation; verse: lyrics, humor and satire. Translated from the Tatar] V stroiu; stikhotvoreniia: lirika, iumor i satira. Moskva, Sovetskii pisatel', 1960. 106 p.
(MH)

AFZALOV, MANSUR, ed. [Uzbek proverbs] Uzbek khalk makollari. Toshkent, UzSSR. Davlat badiiit adabiiot nashriieti, 1959. 167 p. [In Uzbek.]
(CLU)

AGAEV, AKHED. [Lezghian literature Lerginskaia literatura] Makhachkala, Dagestanskoe knizh. izd-vo. 1959. 200 p. [In Lezghian.]
(MH)

AIKHENVAL'D, IU. I. [Portraits of Russian writers] Siluety russkikh pisatelei. Izd 6., posmertnoe. So stat'ei F. A. Stepuna Berlin Slovo,
Vol. 1. [The Pushkin period] Pushkinskii period. 1929.
(MH)

AKADEMIIA NAUK ARMIANSKOI SSR, Erevan. Institut iazyka. [Problems of language and style] Voprosy iazyka i stilia, sbornik statei. Erevan, Akad. nauk Armianskoi SSR [In Russian or Armenian with summaries in Russian.]
Vol. 1. 1960.
(MH)

AKADEMIIA NAUK SSSR. IAkutskii filial, IAkutsk. Institut iazyka, literatury i istorii. [Platon Alekseevich Olunskii, 1893-1939; reports. On the 65th anniversary of his birth] Platon Alekseevich Olunskii, 1893-1939, doklady k 65-letiiu so dnia rozhdeniia. IAkutsk, IAkutskoe knizhnoe izd-vo, 1959. 80 p.
(MH)

AKADEMIIA NAUK SSSR. Institut iazykoznaniia. [Orthographic dictionary of the Russian language] Orfograficheskii slovar' russkogo iazyka. Izd. 4., stereotipnoe. Moskva, Gos. izd-vo inostrannykh i natsional'-nykh slovarei, 1959. 1259 p.
(MH)

AKADEMIIA NAUK SSSR. Institut mirovoi literatury. [The development of the modern Soviet novel] Puti razvitiia sovremennogo sovetskogo romana. Moskva, Izd-vo Akad. nauk SSSR, 1961. 361 p.

AKADEMIIA NAUK SSSR. Institut mirovoi literatury. Socialist realism in foreign literatures] Sotsialisticheskii realizm v zarubezhnykh literaturakh. Moskva, Izd-vo Akad. nauk SSSR, 1960. 348 p.
(NIC)

AKADEMIIA NAUK SSSR. Institut narodov Azii. [Rabindranath Tagore, friend of the Soviet Union; collected documents and materials] Rabindranat Tagor - drug Sovetskogo Soiuza, sbornik dokumentov i materialov. Moskva, Izd-vo vostochnoi lit-ry, 1961. 206 p.

AKADEMIIA NAUK SSSR. Kazanskii filial. Institut iazyka, literatury i istorii. Baity. Podgotovka teksta, predislovie i kommentarii Kh. IAmi. Kazan' Tatarskoe knizhnoe izd-vo, 1960. 386 p. [In Tatar.]

AKADEMIIA NAUK URSR, Kiev. Instytut literatury. [Ukrainian interludes of the 17th and 18th century, monuments of old Ukrainian literature] Ukrains'ki intermedii XVII-XVIII st., pam'iatky dvn'oi ukrains'koi literatury. Kyiv, Vyd-vo Akad. nauk URSR, 1960. 237 p.

AKADEMIIA NAUK UZBEKSKOI SSR. Institut iazyka i literatury. [Uzbek epic poetry] Uzbek khalk dostonlari. 3. nashri. Toshkent, Uzbekiston SSR Fanlar akad. nashriieti, 1958. 1 v. [In Uzbek.]
(CLU)

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Institut natsional'nykh shkol. [The teaching of Russian in national schools; based on materials for Tatar, Bashkir, and Chuvash schools] Prepodavanie russkogo iazyka v natsional'noi shkole; na materiale tatarskikh, bashkirskikh i chuvashskikh shkol. Moskva, 1959. 109 p. (Pedagogicheskie chteniia)
(IEN)

AKHUNDOV, NAZYM. [History of the publication of the magazine Molla Nasreddin Istoriia izdaniia zhurnala Molla Nasreddin] Baku, Azerneshr, 1959. 257 p. [In Azerbaijani.]
(MH)

AKIMOV, IU. L. [Articles on Russian writers] Stat'i o russkikh pisateliakh. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 186 p.

ʿALĪ-SHĪR, Mir, called AL-NAWĀ'Ī. [Treasure house of thoughts] Khazoinul-maoni. Toshkent, Uzbekiston SSR Fanlar Akademiiasi nashriieti. [In Uzbek.]
Vol. 2. [Childhood curiosities] Navodirush-shabob. 1959. 780 p.
Vol. 3. [Wonders of the teen-age years] Badoiiul-vasat. 1960. 776 p.

ALIKIAN, A. S. [Recurrent song; verse. Translated from the Armenian] Vozvrashchennaia pesnia; stikhi. Moskva, Sovetskii pisatel', 1958. 113 p.
(CLU)

AL-KASHGHARI, MAHMUD IBN AL-HUSAYN, 11th cent. [Dictionary of the Turkish language] Divan lugat-at-turk. Tashkent,
Vol. 1. 1960. [In Uzbek]
(MH)

ALPAMYS-BATYR. Pod red. M. O. Auezova i N. S. Smirnovoi. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1961. 564 p. [Parallel texts in Kazakh and Russian.]

ANDRIEVS'KA, EMMA. [Fish and dimension] Ryba i rozmir. [New York] V-vo N'iu-Iorks'koi grupy, 1961. 104 p.

ANDREEV, K. K. [The three lives of Jules Verne] Tri zhizni Zhiulia Verna. [Izd. 3. Moskva] "Molodaia gvardiia" [1960] 302 p. (Zhizn' zamechatel'nykh liudei. Seriia biografii. no. 4(204))
(KU)

[ANTHOLOGY OF UKRAINIAN STORIES] Antologiia ukrains'koho opovidannia. Red. kolegiia: O. I. Biletu'kyi i dr. Kyiv, Derzh. vyd-vo khudozh. lit-ry, [1960] 4 v.
(NN)

ANTONOV, I. A. [Eyes of a girl, stories] Devich'i glaza, rasskazy. Saransk, Mordovskoe knizhnoe izd-vo, 1957. 98 p.
(MH)

ANTONOVICH, M. A. [Literary criticism] Literaturno-kriticheskie stat'i. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 513 p. (Russkaia kritika)

ARTAMONOV, S. D. [Beaumarchais; sketch of his life and works] Bomarshe; ocherk zhizni i tvorchestva. Moskva, Gos. izd-vo khudozh. lit-ry, 1960. 254 p.
(CU)

ASADOV, E. A. [Galina, a lyric tale] Galina; liricheskaia povest'. Moskva, Izd-vo TsK VLKSM "Molodaia gvardiia," 1960. 108 p.

ASTAF'EV, V. P. [The old oak tree] Starodub. Perm', Permskoe knizhnoe izd-vo, 1960. 176 p. illus.
(MH)

AVDALBEGIAN, M. T. [Khachatur Kecharetsi, 13th and 14th centuries] Khachatur Kecharetsi, XIII-XIV vv. Erevan, Akad. nauk Armianskoi SSR, 1958. 219 p. [In Armenian.]
(MH)

AVTOMONOV, P. F. [His name is unknown; a tale. Translated from the Ukrainian] Imia ego neizvestno; povest'. Moskva, Sovetskii pisatel', 1960. 154 p.
(MH)

AZBUKIN, B. P. [The eighth bastion] Vos'moi bastion. [Moskva] Molodaia gvardiia, 1960. 414 p.
(MH)

BABAEV, GABIB. [V. Maiakovskii in Azerbaijan] V. Maiakovskii v Azerbaidzhane. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1960. 196 p.
(CU)

BABINETS, A. I. [Comrades in the struggle; stories about the Communist Youth League] Tovarishchi v bor'be; rasskazy o komsomol'skoi iunosti. [Moskva] Molodaia gvardiia, 1959. 200 p.
(CSt-H)

BAHMUT, IVAN. [Tales and stories] Povisti ta opovidannia. Kyiv, "Molod'," 1956. 302 p.
(InU)

[illegible]IANOVA, and P. P. [illegible]he Chuvash language [illegible] i prepodavaniia [illegible] i shkole. [Shupashkar] [illegible]shl)

BARKOVA, O. M. [Tomorrow; a tale] Zavtra; povest'. Moskva, Sovetskii pisatel', 1960. 285 p.
(MH)

BARSEGIAN, KH. A. [Bibliography of the Armenian Bolshevik periodical press, 1900-1920] Bibliografiia armianskoi bol'shevistskoi periodicheskoi pechati, 1900-1920. Erevan, Aipetrat, 1959. 386 p. [In Armenian with summary in Russian.]
(MH)

BARTO, A. L. [Your verse [for the young and middle-aged]] Tvoi stikhi [Dlia mladshego i srednego vozrasta.] Moskva, Gos. izd-vo detskoi lit-ry, 1960. 463 p. (Zolotaia biblioteka)
(NN)

BASHIROV, GUMER. [Honor; a novel. Translated from the Tatar] Chest'; roman. Moskva, Goslitizdat, 1960. 393 p.
(CLU)

BASSARGIN, B. A. [M. Shketan, the author's life and works] M. Shketan; o zhizni i tvorchestve pisatelia. Ioshkar-Ola, Mariiskoe knizhnoe izd-vo, 1960. 118 p.
(MH)

BELAVINA, NONNA. [Blue world] Sinii mir. New York, 1961. 68 p.

BELIAEVA, L. N., M. K. ZINOV'EVA, and M. M. NIKIFOROV. [Bibliography of periodical publications of Russia, 1901-1916] Bibliografiia periodicheskikh izdanii Rossii, 1901-1916. Pod obshchei red. V. M. Barazhenkova, O. D. Golubevoi, N. IA. Morachevskogo. Leningrad, Gos. publichnaia biblioteka.
Vol. 4. [Indices] Ukazateli. 1961. 398 p.

BELIAVSKII, P. I. [Yesterday, today, tomorrow] Vchera, segodnia, zavtra. Moskva, Izvestiia, 1960. 576 p.
(MH)

BELOV, K. I. [History of Russian punctuation during the 16th century] Iz istorii russkoi punktuatsii XVI veka. Perm', Permskoe knizhnoe izd-vo, 1959. 22 p.
(MH)

[BELOVED LAND; an anthology of Omsk poets] Krai liubimyi, sbornik stikhov omskikh poetov [Omsk] Omskoe knizhnoe izd-vo, 1959. 47 p.
(MH)

BERGHOLZ, O. F. [Day stars] Dnevnye zvezdy. Leningrad, Sovetskii pisatel', 1960. 238 p.
(NjP)

BILETS'KYI, O. I. [Ukrainian literature; a textbook for the eighth grade of the secondary school] Ukrains'ka literatura; pidruchnyk dlia 8 klasu seredn'oi shkoly. Vyd. 12. Kyiv, Vyd-vo "Radians'ka shkola," 1958. 281 p.
(InU)

BILOUS, D. N. [The ear and the cockle] Kolos i kukil'. [Kyiv, "Molod'," 1960] 170 p.
(NN)

BIRIUKOV, N. Z. [Seagull, a novel] Chaika, roman. Moskva, Gos. izd-vo khudozh. lit-ry, 1960. 405 p.
(CtW)

BIRZE, M. [And under the ice a river flows...; a tale. Translated from the Latvian] I podo l'dom reka techet...; povest'. Moskva, Sovetskii pisatel', 1960. 177 p. [Author's real name: Miervaldis IAnovich Berzin'.]

BLAGININA, E. A. [Difficult verse. Ditties, counting-out rhymes, tongue twisters] Trudnye stikhi. Pesenki, schitalki, skorogovorki. Moskva, Gos. izd-vo detskoi lit-ry, 1960. 30 p. (Shkol'naia biblioteka dlia nerusskikh shkol)
(NjP)

[BULGARIAN-RUSSIAN POCKET DICTIONARY] Karmannyi bolgarsko-russkii slovar'. " Sost. M. A. Leonidova. 10 400 slov. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1961. 534 p.

BURIAK, B. S. [Service to the people; literary criticism] Sluzhinnia narodovi; literaturno-krytychni statti. Vyd-vo dop. i perer. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1960. 515 p.

BURIAK, BORYS. [The image of our contemporary; literary criticism] Obraz nashoho suchasnyka; literaturno-krytichni statti. Kyiv, Radians'kyi pys'mennyk, 1960. 341 p.
(IU)

BURNS, ROBERT. [Works of Robert Burns translated by S. Marshak] Robert Berns v perevodakh S. Marshaka. Izd. 5. Moskva, Gos. izd-vo khudozh. lit-ry, 1959. 300 p.
(IEN)

BYLINOV, A. I. [Bridges are erected anew; a novel] Mosty vozvodiatsia vnov'; roman. [Dnepropetrovsk] Dnepropetrovskoe knizhnoe izd-vo, 1959. 323 p.
(MH)

CHABANIVS'KYI, M. I. [On the banks of the Danube; a novel. Translated from the Ukrainian.] Na beregakh Dunaia; roman. Moskva, Sovetskii pisatel', 1960. 519 p.
(MH)

CHAPYGIN, A. P. Razin Stepan. Moskva, Izd-vo "Izvestiia," 1961. 637 p. (Biblioteka istoricheskikh romanov narodov SSSR)

CHAVDAROV, S. Kh. [The Ukrainian language; a textbook for the third grade of the elementary school] Ukrains'ka mova; pidruchnyk dlia tret'oho klasu pochatkovoi shkoly. Vyd. 19. Kyiv, "Radians'ka shkola," 1958. 149 p.
(InU)

CHEKHOV, A. P. [Selected pages Translated from the Russian] Pazhin' alese Kishinau, Editura de stat "Kartia moldoveniaske," 1960. 159 p. (Kartia pentru toti') [In Moldavian.]

CHEKHOV, A. P. Short stories. Moscow, Foreign Languages Publishing House [n. d.] (Russian readers for beginners) [In Russian.]

CHERCHENKO, A. P. [The fifth horizon; verse] Piatyi gorizont, stikhi. [Magadan] Magadanskoe knizhnoe izd-vo, 1960. 51 p.
(MH)

CHEREMSHYNA, MARKO, pseud. [Works] Tvory. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1960. 457 p.
(MiU)

CHERTOVA, N. V. [Beating rains, a novel] Shumiat livni; roman. Moskva, Sovetskii pisatel', 1960. 345 p.
(MH)

CHISTOVSKII, O. G. [The dream of Roza Mamet] Mechta Roza Memeta. Moskva, Gos. izd-vo geogr. lit-ry, 1961. 102 p.

CHIVILIKHIN, A. T. [Verse] Stikhi i poemy. Leningrad, Sovetskii pisatel', 1960. 249 p.
(MH)

CHULKOV, B. A. [Abundant rains] Shchedryi dozhd'. [Vologda] Vologodskoe knizhnoe izd-vo, 1960. 61 p.
(MH)

[CONTEMPORARY POLISH WRITERS] Suchasni pol's'ki pys'mennyky. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1960. 259 p.
(NN)

CVIRKA, PETRAS. [Mother earth; a novel. Translated from the Lithuanian] Zemlia-kormilitsa; roman. Moskva, Sovetskii pisatel', 1955. 188 p.
(CtY)

DADIANI, SHALVA. [The Gvirgvlitiani family, a novel. Translated from the Georgian] Sem'ia Gvirgvliani, roman. Tbilisi, Zaria Vostoka, 1959. 412 p.
(MH)

DALEKII, N. A. [Camomile; an adventure tale] Romashka; prikliuchencheskaia povest'. L'vov, Knizhno zhurnal'noe izd-vo, 1960. 223 p.
(MH)

DALGAT, U. B. [L. N. Tolstoi and Daghestan] Tolstoi i Dagestan. Makhachkala, Dagestanskoe knizhnoe izd-vo, 1960. 188 p.
(NNC)

DANIELIAN, S. H. [Lermontov and Armenian culture] Lermontov i armianskaia kul'tura. Erevan, AN Armianskoi SSR, 1960. 255 p. [In Armenian.]
(MH)

DANILEVSKII, G. P. [Moscow burned; a historical novel] Sozhzhennaia Moskva; istoricheskii roman. [Moskva] Mosk. rabochii, 1960. 254 p.
(CU)

DARDA, V. I. [Places frequented by Taras; impressions and reflections] Zemlia, iaku skhodyv Taras; vrazhennia i rozdumy. Kyiv, Radianskyi pys'mennyk, 1961. 72 p.
(MH)

DARIENKO, PETRIA. [Stargazing' Ku fatsa spre stele; versuri'. Kishineu, Editura de stat "Kartia moldoveniaske," 1960. 62 p. [In Moldavian.]

DEGTEREVA, T. A. [The development of modern linguistics] Puti razvitiia sovremennoi lingvistiki. Moskva, Izd-vo VPSh i AON pri TsK KPSS.
Book 1. [The development of Soviet linguistics in the field of Indo-European language study] Puti razvitiia sovetskogo iazykoznaniia v oblasti indo-evropeiskoi problematiki. 1961. 214 p.

DESHERIEV, IU. D. [The modern Chechen literary language] Sovremennyi chechenskii literaturnyi iazyk. Groznyi, [Checheno-Ingushskoe knizhnoe izd-vo]
Vol. 1. [Phonetics] Fonetika. 1960.
(MH)

DIMAROV, ANATOLII. [The captain's son; a tale] Syn kapitana; povest'. Moskva, Sovetskii pisatel', 1959. 162 p.
(MH)

DMITRIEV, S. K. [The life and activities of S. A. Novgorodov; from the history of the creation of the Yakut literature and press] Zhizn' i deiatel'nost' S. A. Novgorodova. IAkutsk, IAkutskoe knizhnoe izd-vo, 1960. 85 p. (Iz istorii sozdaniia iakutskoi pis'mennosti i pechati)
(NjP)

DOBROVOL'SKII, V.A. [House in a blind alley, a novel] Dom v tupike, roman. [Kharkov] Khar'kovskoe knizhnoe izd-vo.
Vol. 1. 1960.
(MH)

DOLIDZE, NINA, comp. [Fairy tales. Translated from the Georgian] Volshebnye skazki. Red. kol. E.B. Virsaladze, G.N. Leonidze, M.IA. Chikovani. Tbilisi, Zaria Vostoka, 1960. 365 p.
(MH)

DOMNIN, A.M. [Mother Rus, a story] Matushka-Rus', skazanie. Perm', Permskoe knizhnoe izd-vo, 1960. 88 p.
(MH)

DOSTOEVSKII, F.M. [Notes from the underground; a tale] Zapiski iz podpol'ia, povest'. London, Bradda Books, 1960. 112 p.
(NjP)

DREISER, THEODORE. [The financier. Translated from the English] Finansist. Derzh. vyd-vo khudozh. lit-ry, Kyiv, 1959. 547 p.

DRIZ, O.O. [At the height of summer. Translated from the Yiddish] Vershina leta. Moskva, Sovetskii pisatel', 1960. 91 p.

DUDIN, M.A. [Obstinate space; verse] Upriamoe prostranstvo; stikhotvoreniia. Leningrad, Sovetskii pisatel', 1960. 111 p.
(MH)

EFENDIEV, E. [Azerbaijani literature in languages of the peoples of the U.S.S.R.; a bibliography] Azərbaijan ədəbiyyatı SSRI khalqlary dillərində; biblio-grafiia. Baky, 1960. 86 p. [In Azerbaijani.]

EGOROV, I.IA. [Wild grass; a novel] Buinye travy; roman. [Stalingrad] Stalingradskoe knizhnoe izd-vo, 1960. 414 p.
(MH)

EHRENBURG, I.G. [Verse, 1938-1958] Stikhi, 1930-1958. Moskva, Sovetskii pisatel', 1959. 124 p.
(WU)

ELANSKII, N.P. [The early works of Jaroslav Hašek] Rannee tvorchestvo IAroslava Gasheka. Saratov, Saratovskii gos. pedagog. in-t, 1960. 118 p.
(MH)

ELIZAROVA, M. [Concise guide to the section "A.M. Gor'kii in Kazan."] Kratkii putevoditel'; razdel: "A.M. Gor'kii v Kazani. Kazan', M-vo kul'tury TASSR, Muzei A.M. Gor'kogo, 1955. 6 p.

ELIZAROVA, M.N. [Pages from the past, plays] Stranitsy proshlogo, p'esy. Kazan', Tatknigoizdat, red. khudozh. lit-ry, 1957. 142 p.

ELIZAVETIN, G.V. [Second life] Vtoraia zhizn', [Moskva] Mosk. rabochii, 1961. 264 p.

EMEL'IANOVA, N. [In the Ussuri taiga, a tale] V Ussuriiskoi taige; povest'. Moskva, Sovetskii pisatel', 1946. 238 p.
(IEN)

EPKHIEV, T.A. [Verse. Translated from the Ossetic] Stikhi. Poema. [Moskva] Sovetskaia Rossiia, 1960. 94 p.
(MH)

ERMOLAEV, A.A. [Udmurt historical prose] Udmurtskaia istoricheskaia proza. Izhevsk, Udmurtskoe knizhnoe izd-vo, 1960. 142 p.
(MH)

EROSHKINA, Z.A. [Klavka Urazova; a tale] Klavka Urazova; povest'. Perm', Permskoe knizhnoe izd-vo, 1959. 131 p.
(MH)

EVENKI TALES. Translated from the Tungus] Evenkiiskie skazki. [Krasnoiarsk] Krasnoiarskoe knizhnoe izd-vo, 1960. 75 p.

ERIVAN. UNIVERSITET. [Lyre of a student; literary anthology of young writers of Erivan University. Lira studenta; literaturnyi sbornik molodykh pisatelei Erevanskogo Gosudarstvennogo universiteta. Erevan, Izd-vo Erevanskogo univ.,] 1959. 88 p. [In Armenian.]
(MH)

FADEEV, A.A. [Letters to Far East friends; reminiscences on A. Fadeev] Pis'ma dal'nevostochnikam. A. Fadeev v vospominaniiakh. Vladivostok, Primorskoe knizhnoe izd-vo, 1960. 631 p.

FALIKMAN, I. [The doomed take up arms; a novel. Translated from the Yiddish] Obrechennye berut oruzhie; roman. Moskva, Sovetskii pisatel', 1959. 534 p.
(NN)

FERDOWSI. Shakh-Name, kriticheskii tekst. Pod red. E.E. Bertel'sa. Moskva, Izd-vo vostochnoi lit-ry, 1960. 1 v. (Pamiatniki literatury narodov Vostoka; teksty. Bol'shaia serila, no. 2)
(CtY)

FISH, G.S. [Meetings in Suomi] Vstrechi v Suomi. Moskva, Sovetskii pisatel', 1960. 417 p.
(NNC)

FISH, R.G. [Nazim Hikmet; a sketch of his life and works] Nazym Khikmet; ocherk zhizni i tvorchestva. Moskva, Sovetskii pisatel', 1960. 385 p.
(CU)

FRANCHUK, V. IU. [Adverbs formed from adjectives in the Russian literary language of the 18th century] Narechiia obrazovannye ot imen prilagatel'nykh v russkom literaturnom iazyke XVIII v. Kiev, Izd-vo Akad. nauk USSR, 1961. 54 p.

FRANKO, IVAN. [Selected stories. Translated from the Ukrainian.] Povestir' alese. Kishineu, Editura de stat "Kartia moldoveniasko," 1960. 172 p. (Kartia pentru toti') [In Moldavian.]

FRANKO, IVAN. [Selected works] Vybrani tvory. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1960. 648 p.
(NN)

FRANKO, IVAN. [Works] Tvory. New York, Knyhospilka,
Vol. 1-19. 1956-1960.
(NN)

GAGLOEV, N.D. Sero. Stalinir, Gosizdat IUgo-Osetii, 1961. 35 p.

GALKIN, D.P. [At the beckoning of life] Na zov zhizni. [Moskva] Mosk. rabochii, 1960. 62 p. (Zemlia Moskovskaia)
(MH)

GARIBIAN, A.S., M.G. TER-MINASIAN, and M.A. GEVORGIAN, comps. [Armenian-Russian dictionary; contains approximately 40,000 words most frequently used in the spoken and literary language] Armiano-russkii slovar'; soderzhit okolo 40,000 slov, naibolee upotrebitel'nykh v razgovornoi rechi i v literature. Izd. 2., dop. Erevan, 1960. 442 p.

GEBEL', V.A., ed. [Moscow in the works of Russian writers] Moskva v proizvedeniiakh russkikh pisatelei. [Moskva, Gos. izd-vo detskoi lit-ry, 1947] 222 p. (Shkolnaia biblioteka)
(NPV)

GEORGIEVSKAIA, S.M. [Tarasik; a tale] Tarasik; povest'. Moskva, Sovetskii pisatel', 1960. 210 p.
(MH)

GLEBOV, A.G. [Line of friendship; stories about Turkey] Linila druzhby; rasskazy o Turtsii. Moskva, Sovetskii pisatel', 1960. 189 p.
(MH)

GNEUSHEV, V.G. [Alarm; verse] Trevoga; stikhi. [Moskva] Molodaia gvardiia, 1960. 109 p. illus.
(MH)

GODENKO, M.M. [The happiness of the people. The acacia blooms; poems] Liudskoe schast'e. TSvetet akatsiia; poemy. Moskva, Sovetskii pisatel', 1959. 72 p.
(MH)

GONCHARENKO, G.I. [Breakthrough; a novel] Proryv; roman. Novosibirskoe knizhnoe izd-vo, 1960. 333 p. illus.
(MH)

GONCHAROV, N.E. [A poet's weapons; an account of the life and works of Pavel Besposhchadnyi] Oruzhie poeta; ocherk zhizni i tvorchestva Pavla Besposhchadnogo. Stalino, Knizhnoe izd-vo, 1960. 156 p.
(MH)

GONIMOV, I.A. [Tales and stories] Povesti i rasskazy. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1956. 587 p.
(ICU)

GORBUNOV, G.I. [Fiery heart; pages from the life of D.A. Furmanov] Goriachee serdtse; stranitsy iz zhizni D.A. Furmanova. [Ivanovo] Ivanovskoe knizhnoe izd-vo, 1960. 101 p.

GORDIENKO, IU.P. [From nameless heights; a book of verse] S bezymiannykh vysot; kniga stikhov. Moskva, Voen. izd-vo, 1960. 94 p.
(MH)

GORDEICHEV, V.G. [Bound to the earth; verse] Zemnaia tiaga; stikhi. [Moskva] Molodaia gvardiia, 1959. 60 p.
(NNC)

GORE'LOV, A.E. [Sketches of Russian writers] Ocherki o russkikh pisateliakh. Leningrad, Sovetskii pisatel', 1961. 664 p.

GOR'KII, MAKSIM. [Collected works] Sobranie sochinenii. Moskva, Gos. izd-vo khudozh. lit-ry [1960] (Biblioteka klassikov russkoi literatury)
Vol. 1. [Works, 1892-1896] Proizvedeniia, 1892-1896.
Vol. 2 [Works, 1896-1899] Proizvedeniia, 1896-1899.
Vol. 3. [Works, 1899-1901] Proizvedeniia, 1899-1901.
Vol. 4. [Works, 1903-1907] Proizvedeniia, 1903-1907.

GOR'KII, MAKSIM. [Selected works] Izbrannye proizvedeniia. Moskva, Gos. izd-vo detskoi literatury, 1960. 830 p. (Shkol'naia biblioteka)
(NNC)

GORKIY. UNIVERSITET. Kafedra russkoi literatury. [Collected articles on L.N. Tolstoi's "War and peace"] "Voina i mir" L.N. Tolstogo, sbornik statei. Gor'kii, 1959. 228 p.
(MiU)

GORTSEVSKAIA, V.A. [Outline history of the teaching of the Tungusic-Manchu languages] Ocherk istorii izucheniia tunguso-man'chzhurskikh iazykov. Leningrad, Uchpedgiz, 1959. 77 p. (Istoriia otechestvennogo iazykoznaniia, no. 2)
(MH)

GUL'TIAI, P., comp. [Bonfire on an island, stories] Koster na ostrove; rasskazy. Petrozavodsk, Gos. izd-vo Karel'skoi ASSR, 1960. 197 p.
(MH)

GVOZDEV, A.N. [Russian spelling, the morphological principle of Russian orthography] Ob osnovakh russkogo pravopisaniia, v zashchitu morfologicheskogo printsipa russkoi orfografii. Moskva, Akad. pedagog. nauk RSFSR, 1960. 62 p. (Pedagogicheskaia biblioteka uchitelia)
(MH)

HAŠEK, JAROSLAV., and others. [Short comedies of the 20th century] Malen'kie komedii XX veka. Moskva, Gos. izd-vo "Iskusstvo," 1961. 102 p.

HERTSOVICH, IA. B. [Literature and the life of the people] Literatura i zhyttsio naroda, artykuly. Minsk, Dziarzh. vyd-vo BSSR, 1960. 173 p.
(MH)

HIDAS, ANTAL. [Sandor Petöfi. Translated from the Hungarian] Shandor Petofi. Moskva, Molodaia gvardiia, 1960. 364 p. (Zhizn' zamechatel'nykh liudei. Ser. biografii, no. 17(307))
(MH)

[HISTORY OF THE LOCAL BOLSHEVIK PRESS; a collection of articles] Iz istorii mestnoi bol'shevistskoi pechati, sbornik statei. Moskva, Gos. izd-vo polit. lit-ry, 1961. 263 p.

HLIBOV, L.I. [Selected works] Vybrani tvory. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1957. 469 p.
(IU)

HONCHAR, O.T. [Arms and the man; a novel] Liudyna i zbroia, roman. Kyiv, Rodiana'kyi pys'mennyk, 1960. 323 p.
(NN)

[HUNGARIAN-RUSSIAN POCKET DICTIONARY] Karmannyi vengersko-russkii slovar'. Sost. G.I. Ol'dal i B.IA. Golger. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1960. 404 p.

HUREIV, OLEKSA. [Our youth. Life goes on; novels] Nasha molodost'. Zhizn' idet; romany. Moskva, Sovetskii pisatel', 1959. 690 p.
(IEN)

IASHIN, A.IA. [To you, my beloved; verse] Tebe, liubimaia stikhi, poema. [Vologda] Vologodskoe knizhnoe izd-vo, 1960. 207 p. illus.
(MH)

ILESHIN, B.I. [Living witnesses; the Tambov region in literature] Svideteli zhivye; Tambovskii krai v khudozhestvennoi literature. [Tambov] Tambovskoe knizhnoe izd-vo, 1960. 78 p.
(MH)

IL'INA, E.IA. [Downy guest] Pushistyi gost'. Moskva, Gos. izd-vo detskoi lit-ry, M-va prosv. RSFSR, 1959. 109 p.
(IEN)

IL'INSKII, OLEG. [Verse] Stikhi. [Frankfurt/Main] Posev, 1960. 94 p. (Russkaia zarubezhnaia poeziia, no. 5)
(MH)

INBER, V.M. [April; verse on Lenin] Aprel'; stikhi o Lenine. Moskva, Sovetskii pisatel', 1960. 53 p.

ISENGALIEVA, V A. [Usage of cases in the Kazakh and Russian languages] Upotreblenie padezhei v kazakhskom i russkom iazykakh. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1961 165 p

IUFIT, M.I. [I wish you happiness, stories] Zhelaiu schast'ia, rasskazy Moskva, Sovetskii pisatel', 1960. 273 p.
(MH)

IUSHCHENKO, O IA. [Green looms the horizon, verse Translated from the Ukrainian] Zelenetiut dali, stikhi. Moskva, Sovetskii pisatel', 1960. 99 p.
(MH)

IVANOV, V V. [War stories and sketches] Voennye rasskazy i ocherki Moskva, Voen. izd-vo M-va obor SSSR, 1960. 429 p
(NN)

IVCHENKO, M. P. [The modern Ukrainian literary language] Suchasna ukrains'ka literaturna mova [Kyiv] Vyd-vo Kyivs'koho univ., 1960. 590 p.
(MH)

IZMALKOV, ALEKSEI. [Sun shower, stories] Slepoi dozhd', rasskazy. Alma-Ata, Kazakhskoe Gosilitizdat, 1960. 102 p
(MH)

KADYKOV, N.S. [The poetry of Mikiai Kazakov] Poeziia Mikiaia Kazakova. Ioshkar-Ola, Mariiskii nauchno-issl. in-t iazyka, lit-ry i istorii, 1960. 110 p.
(MH)

KAKABADZE, POLIKARP. [Dramatic works] Dramaticheskie proizvedeniia. Tbilisi, Sabchota Sakartvelo, 1959. 547 p. [In Georgian.]
(MH)

KARATAEV, MUKHAMEDZHAN. [Kazakh literature, a collection of articles] Kazakhskaia literatura, sbornik statei. Moskva, Goslitizdat, 1960. 185 p.
(MH)

KARPENKO M. I [Along the paths of youth, verse] Stezhkamy iunosti, poezii. Kyiv, Molod', 1960. 61 p.
(MH)

KARPENKO-KRYNYTSIA, PETRO. [Hoisted sails; lyrics] Pidniati vitryla, liryka. Augsburg, Svit, 1950. 44 p.
(InU)

KARPOV, A.S. [Principles of rhythm in Maiakovskii's verse] O stikhe Maiakovskogo, printsipy ritmicheskoi organizatsii. [Kaluga] Kaluzhskoe knizhnoe izd-vo, 1960. 105 p.
(CU)

KATAEV, V.P. [Wintry wind, a novel] Zimnii veter; roman. Moskva, Gos. izd-vo detskoi lit-ry, 1960. 286 p
(MiU)

KATSNEL'SON, ABRAM. [Rockets and nightingales] Rakety i solov'i. [Kyiv, Radians'kyi pys'mennyk, 1960] 188 p.
(NN)

KAVERIN, V.A. [Three tales] Tri skazki. Moskva, Gos. izd-vo detskoi lit-ry, 1960. 141 p. illus.
(NN)

KEKKONEN, SYLVI. [Amalia, a tale Translated from the Finnish] Amaliia, povest'. Izd-vo inostr. lit-ry, 1960. 208 p

KERIMOV, I.K. [Breakthrough, a novel. Translated from the Lak] Razryv; roman. Makhachkala, Dagestanskoe knizhnoe izd-vo, 1960. 272 p.

[illegible], Sovetskii pisatel', 1960. 187 p.
(MH)

KHODASEVICH, V.F. [Collected verse; 1913-1939] Sobranie stikhov; 1913-1939. [New Haven, N. Berberova] 1961. 233 p.

KILADZE, DOMENTII. [The relationship between mother and son in Gor'kii's works. O vzaimootnoshenii materi i syna v tvorchestve Gor'kogo] Batumi, Gos. izd-vo 1960. 66 p. [In Georgian.]
(MH)

KIREEV, A.F. [Lecturing in the institutions for higher learning] Lektsiia v vysshei shkole. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 77 p.

KLDIASHVILI, DAVID. [Selected works. Translated from the Georgian] Izbrannoe. Tbilisi, Izd-vo "Zaria Vostoka," 1956. 331 p.
(ICU)

KOCHETOV, V. A. [Ershov brothers, a novel] Brat'ia Ershovy; roman. Moskva, Sovetskii pisatel', 1960. 412 p.
(IEN)

KOCHETOV, V.A [Youth is with us, a novel] Molodost' s nami, roman. Moskva, "Sovetskii pisatel'," 1957. 481 p.
(CtY)

KOCHETOV, VSEVOLOD. [The Zhurbin family] Zhurbiny. [Moskva] Mosk. rabochii, 1960. 389 p.
(NN)

KOGAN, P.D. [The thunderstorm, verse] Groza, stikhi. Moskva, Sovetskii pisatel', 1960. 93 p.
(MH)

KOLESNYK, PETRO. [Thorny path, a novel] Tërn na puti, roman. Moskva, Sovetskii pisatel', 1960. 536 p.
(MH)

KOLIADENKOV, M.N. [The structure of the simple sentence in the Mordvinian language, the sentence and its principal parts] Struktura prostogo predlozheniia v mordovskikh iazykakh; predlozhenie i ego glavnye chleny. Saransk, Mordovskoe knizhnoe izd-vo, 1959. 290 p.
(MH)

KOLOMIICHENKO, M. I., and V. Z. HARIN. [Worn out by cruel persecution] Zamuchenyi tiazhkoiu nevoleiu. Kyiv, 1961. 29 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. I., no. 3)

KOL'TSOV, M.E. [Feuilletons and essays] Fel'etony i ocherki. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 405 p. (Biblioteka sovetskoi prozy)
(NN)

KONSTANTINOV, K.M., pseud. [Living side by side; stories] Zhivushchie riadom, rasskazy. [Dnepropetrovsk] Dnepropetrovskoe knizhnoe izd-vo, 1959. 159 p.
(MH)

KOPYLOV, A.I. Roman Kulikov. [Arkhangel'sk] Arkhangel'skoe knizhnoe izd-vo, 1959. 86 p.
(MH)

KOPYTIN, V.IA. [Golden mountains; selected works] Zlatye gory; izbrannoe. Alma-Ata, Kazakhskoe Goslitizdat, 1960. 102 p.
(MH)

KORNEEV, A.I. [Before the road; verse] Pered dorogoi; stikhi. [Smolensk] Smolenskoe knizhnoe izd-vo, 1960. 51 p.
(MH)

KOROL'KOV, IU.M. [Secrets of a soldier; a chronical novel] Tainy voiny; roman-khronika. [Izd. 2, dop.] Kyib, Derzhlitvydav.
Vol. I. 1939-1941. 1960.
(MH)

KOROSTOVTSEV, M.A. [Hieratic papyrus No. 127 in the collection of the A.S. Pushkin State Museum of Fine Arts] Ieraticheskii papirus 127 iz sobraniia GMII im. A.S. Pushkina. Moskva, Izd-vo vostochnoi lit-ry, 1961. 70 p.

KORZHIKOV, V.T., comp. [Wave after wave; anthology of verse] Volna za volnoi; sbornik stikhov. Vladivostok, Primorskoe knizhnoe izd-vo, 1960. 121 p.
(MH)

KOVALYK, I.I. [Some problems of word formation in the Slavic languages] Pro deiaki pytannia slov'ians'koho u. Kyiv, Vyd-vo Akad. nauk URSR, 1958.

KRASNODAR. KRASNODARSKAIA KRAEVAIA BIBLIOTEKA. Bibliograficheskii otdel. [Kuban writers from 1945 to 1958; bibliography] Pisateli Kubani 1945-1958, bibliograficheskii ukazatel'. Krasnodar, Izd-vo "Sovetskaia Kuban'," 1959. 57 p.
[MICROFILM]

KRAVTSIV, BOHDAN. [Winter verdure; sonnets and alexandrines] Zimozelen'; sonety i oleksandryny. Philadelphia, Vyd-vo"Ameryka," 1951. 29 p.
(InU)

KRIVENKO, E.I. [There, where there was tranquillity, a tale] Tam, gde byla tishina; povest'. Kiev, Molod', 1960. 304 p.
(MH)

KRIVIN, F.D. [Around the cabbage, humorous verse, epigrams, fables] Vokrug kapusty; iumoristicheskie stikhi, epigrammy, basni. Moskva, Sovetskii pisatel', 1960. 91 p.
(MH)

KRUCHENIUK, PETRIA. [We have friends] Noi avem prieteni'. Kishinev, Editura de stat "Kartia moldovenaske," 1960. 159 p. [In Moldavian.]

KRUSHEL'NITSKAIA, K.G. [Comparative grammar of the German and Russian languages] Ocherki po sopostavitel'noi grammatike nemetskogo i russkogo iazykov Moskva, Izd-vo lit-ry na inostr. iazykakh, 1961. 264 p. (Biblioteka filologa)

KRUSTEN, ERNI. [Heart of the young, a novel. Translated from the Estonian] Serdtsa molodykh, roman. Moskva, Sovetskii pisatel', 1960 708 p.
(MH)

KUDINOV, P., comp. [Life is a feat, works of Turkestani war authors] Zhizn' - podvig, tvorchestvo voinov-turkestantsev. Tashkent, Goslitizdat UzSSR, 1959. 292 p.
(MH)

KUDRYAVTSEV, P.P. [Days of our life] Dni nashei zhizni. [Moskva] Moskovskii rabochii, 1960. 116 p.
(NN)

KULAGIN, V.A. [Lights in the lowlands, verse] Ogni v nizov'e, stikhi. [Stalingrad] Stalingradskoe knizhnoe izd-vo, 1960. 41 p.
(MH)

KULIKOVSKAIA, G.V. [Captured sun; sketches] Poimannoe solntse; ocherki. Moskva, Izd-vo "Pravda," 1961. 47 p (Biblioteka "Ogonek," no. 28)

KUR'IANOV, T.N. [Transformed land; verse] Preobrazhennyi krai, stikhi. [Murmansk] Murmanskoe knizhnoe izd-vo, 1960. 47 p.
(MH)

KUTATELI, ALEKSANDR. [Face to face, a novel. Translated from the Georgian] Litsom k litsu, roman. Tbilisi, Zarla Vostoka, 1957-1958] 4 v.
(MH)

KUZNETSOV, S.M. [By the same road; a novel] Odnoi dorogoi; roman. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1960. 472 p.
(MH)

KUZNETSOVA, M., comp. [Teaching Russian literature] Prepodavanie russkoi literatury, sbornik statei. Moskva, Uchpedgiz, 1960. 290 p. (Opyty raboty uchitelei nerusskikh shkol)
(NNC)

KUZNETSOVA, M.I., comp. [Russian language and literature in national schools] Russkii iazyk i literatura v natsional'noi shkole. Moskva, Uchpedgiz, 1959. 292 p.
(MH)

KVITKA-OSNOV'IANENKO, H.F. [Pan Khaliavskii] Pan Khaliavskii. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1961. 224 p.

KYLYMNYK, O.V., comp. [Writers of the Soviet Ukraine] Pys'mennyky Radians'koi Ukrainy; dovidnyk. [Kyiv, Radians'kyi pys'mennyk, 1960] 578 p. (Dovidnyk ukrains'koi literatury ta mystetstva)
(MH)

LADYZHENSKAIA, T.A. [Instructive compositions based on pictures in the Russian language lessons, from work experience] Obuchaiushchee sochinenie po kartine na urokakh russkogo iazyka; iz opyta raboty. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1958. 60 p. (Pedagogicheskaia biblioteka uchitelia)

LAHODYNS'KA, HALYA. [Toward the sun, toward freedom; youth's journey] Do sontsia - do voli, mandrivka iunosty. Chicago, M. Denysiuk, 1960. 254 p.
(NN)

LARCHANKA, M.H. [Along the road of realism] Pa shliakhu realizma. Minsk, Vyd-va Belsiarzhaunic., 1959. 255 p.
(MH)

LAVRENEV, B.A. [Shot from the Neva; tales and stories] Vystrel s Novy, povesti i rasskazy. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 510 p.
(NN)

LAVRENT'EV, V.V. [Plays: The Kriazhov's, Svetlaya; Ivan Budantsov; For the sake of one's dear ones; Mountain ballard] P'esy: Kriazhovy; Svetlaia; Ivan Budantsov; Radi blizkikh svoikh; Gornaia ballada. Moskva, Sovetskii pisatel', 1960. 442 p.
(NNC)

LAZUTIN, S. G. [Russian chastushki, their origin and genre] Russkaia chastushka, voprosy proiskhozhdeniia i formirovaniia zhanra. Voronezh, Izd-vo Voronezhskogo univ., 1960. 260 p.
(MH)

LE, IVAN, pseud. [Romance in Mezhgor'ye] Roman v Mezhgor'e. Moskva, Gos. izd-vo khudozh. lit-ry, 1958. 590 p. [Author's real name Ivan Leontiievych Molsia.]
(IEN)

LEONIDZE, G. N. [Verse. Translated from the Georgian] Stikhi, poemy. Moskva, Goslitizdat, 1960. 487 p.
(MH)

LEONOV, L. M. [Collected works] Sobranie sochinenii. Moskva, Goslitizdat, 1960. 1 v.
(CLU)

LEVCHENKO, S. P., I. G. SKRYPNYK, and N. P. DZIATKIVS'KA, comps. [Dictionary of personal names; Ukrainian-Russian and Russian-Ukrainian] Slovnyk vlasnykh imen liudei; ukrains'ko-rosiis'kyi i rosiis'ko-ukrains'kyi. Vyd. 2, vypravlene i dop. Za red. S. P. Levchenka. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 73 p.

LEDSKII, IURII. [Realist writer Bret Harte] Pisatel'-realist Bret Gart. Kiev, Izd-vo Akad. nauk USSR, 1961. 71 p.

LOBANOVA, N. A., and I. P. SLESAREVA. [Russian phonetic tables; aid for English-speaking foreigners] Tablitsy po fonetike russkogo iazyka, posobie dlia inostrantsev, govoriashchikh na angliiskom iazyke. Moskva, Uchpedgiz, 1961. 28 plates
———— [An instruction guide accompanying the tables for teachers] Metodicheskie ukazaniia k tablitsam.. posobie dlia prepodavatelei. 31 p.

LOGACHEV, G. V. Dmitrii Ivanovich Pisarev. [Lipetsk] Lipetskoe knizhnoe izd-vo, 1960. 21 p. (Nashi znamenye zemliaki)
(MH)

LOKHMATOV, N. P. [Late spring] Pozdniaia vesna. [Kaluga] Kaluzhskoe knizhnoe izd-vo, 1960. 113 p.
(MH)

LONDON, JACK. [Collected works in fourteen volumes. Translated from the English] Sobranie sochinenii v chetyrnadtsati tomakh. Moskva, Biblioteka "Ogonek," izd-vo "Pravda"
Vol. II. 1961. 533 p.

LONDON, JACK. [Stories and tales. Translated from the English] Rasskazy i povesti [Moskva, Goslitizdat, 1960] 2 v.
(CLU)

LUZGIN, V. F. [Native land; verse] Zemlia rodnaia, stikhi i poema. Moskva, Sovetskii pisatel', 1960. 107 p.
(MH)

LYPA, IURII. [Cossacks in Moscow, a novel on the 17th century] Kozaky v Moskovii, roman iz XVII stolettia. Paris, Nakladom vyd va "Ukraineta," 1957. 200 p. (Biblioteka vybranykh tvoriv, no. 1)
(NN)

LYSENKO, N. M. [Storm on the Volga, a tale] Shtorm na Volge, povest'. [Stalingrad] Stalingradskoe knizhnoe izd-vo, 1960. 175 p.
(MH)

[THE MAGIC FLUTE; Chinese folk tales. Translated from the Chinese] Volshebnaia fleita; kitaiskie narodnye skazki. [Moskva] Detskii mir, 1960. 26 p.
(CLU)

MAIAKOVSKII, V. V. [Verse] Poemy. Stikhotvoreniia. Moskva, Uchpedgiz, 1960. 164 p. (Biblioteka shkol'nika)
(NNC)

MAIKHROVICH, STSIAPAN. [Essays on White Russian literature of the 19th century] Narysy belaruskai literatury XIX stahoddzia. Vyd. 2., napr. Minsk, Dziarzh. vuchebna-pedagag. vyd-va, 1959. 322 p.
(MH)

MAKAROCHKINA, N. A. [Young musician; a tale] IUnyi muzykant; povest'. Nal'chik, Kabardino-Balkarskoe knizhnoe izd-vo, 1960. 77 p.
(MH)

MAKHTUMKULI. [Selected works. Translated from the Turkmen] Izbrannoe. Moskva, Goslitizdat, 1960. 558 p.
(MH)

MAL'TINSKII, KH. I. [Obstinacy; verse] Upornstvo; stikhi. Tashkent, Goslitizdat UzSSR, 1960. 39 p.
(MH)

MAL'TSEV, E. IU. [Go into every home, novel] Voidi v kazhdyi dom, roman. Moskva, Gos. izd-vo khudozh. lit-ry. (Roman-gazeta, no. 14(242))
Pt. 2. 1961. 83 p. (Conclusion).

MALYSHKO, ANDRII. [A word about a poet] Slovo pro poeta. Kyiv, Radians'kyi pys'mennyk, 1960. 30 p. (Dekada ukrains'koi literatury ta mystetstva)
(MH)

MARLOWE, CHRISTOPHER. [Tragic history of Doctor Faustus. Translated from the English] Tragicheskaia istoriia doktora Fausta. Moskva, Iskusstvo, 1959. 93 p.
(IEN)

MARSHAK, I. IA. [Selected works] Izbrannoe. Moskva, Detgiz, 1959. 550 p. [Publ. under his pseud. M. Il'in.]
(IEN)

MARSHAK, S. IA. [Fire] Pozhar. [Moskva] Detgiz, 1960. 14 p.
(LNHT)

MART'IANOV, SERGEI. [Wind from a foreign land; stories] Veter s chuzhoi storony, rasskazy. Alma-Ata, Goslitizdat, 1960. 158 p.
(MH)

MASHBITS-VEROV, I. M. [Poems by Maiakovskii] Poemy Maiakovskogo [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1960. 310 p.
(NN)

[MATERIALS FOR THE STUDY OF THE HISTORY OF UKRAINIAN LITERATURE] Materialy do vyvchennia istorii ukrains'koi literatury, posibnyk dlia filologichnykh fakul'tetiv universytetiv i pedagogichnykh instytutiv. Kyiv, Radians'ka shkola.
Vol. I. [Ancient Ukrainian literature from feudal times to the end of the 18th century] Davnia ukrains'ka literatura, doba feodalizmu - do kintsia XVIII st. 1959.
(MH)

MEILAKH, B. S. [V. I. Lenin and literature] V. I. Lenin i khudozhestvennaia literatura. Moskva, Znanie, 1960. 46 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6: Literatura i iskusstvo, no. 11)
MH

MEL'NIKOV, N. D. [School celebrity; stories and sketches] Shkol'naia znamenitost'; rasskazy i ocherki. Moskva, Sovetskii pisatel', 1960. 164 p.
(MH)

MEREDOV, A., and P. KICHIGULOV, comps. [Makhtumkuli, collected articles on the life and works of the poet] Magtymguly, shakhyrya ompune ve doredizhiligine degishli maknalar iygyndysy. Red. N. Ashyrov. Ashgabat, Turkmenistan dovlet neshriinty, 1960. 445 p. [In Turkmen]

MIKHALKOV, S. V. [Verse and tales] Stikhi i skazki. Moskva, Gos. izd-vo detskoi lit-ry, 1960. 446 p. illus. (Zolotaia biblioteka)
(MH)

MILOSERDOV, S. S. [Dawn and evening glow in the steppe; verse] Zori stepnye; stikhi. [Tambov] Tambovskoe knizhnoe izd-vo, 1960. 63 p.
(MH)

MINAEV, A. A. [Kromy; a poem] Kromy; poema. [Orel] Orlovskoe knizhnoe izd-vo, 1960. 73 p.
(MH)

MINUTKO, I. A. [When love blooms, stories] Kogda prikhodit liubov'; rasskazy. [Tula] Tul'skoe knizhnoe izd-vo, 1960. 206 p.
(MH)

MIRONOV, A. E. [Surrounded by the sea; a novel] Tol'ko more vokrug; roman. Minsk, Goslitizdat BSSR, 1960. 417 p.
(MH)

MOSCOW. GOSUDARSTVENNYI MUZEI L. N. TOLSTOGO. [L. N. Tolstoi in the memories of Yasnaya Polyana peasants] Vospominaniia iasnopolinskikh krest'ian o L. N. Tolstom. [Tula] Tul'skoe knizhnoe izd-vo, 1960. 270 p.

MOSCOW. VSESOIUZNAIA GOSUDARSTVENNAIA BIBLIOTEKA INOSTRANNOI LITERATURY. [Rabindranath Tagore; a bio-bibliography] Rabindranat Tagor; bio-bibliograficheskii ukazatel'. Moskva, Izd-vo Vses. knizhnoi palaty, 1961. 173 p. (Pisateli zarubezhnykh stran)

[MOST MIGHTY; tales of the peoples of the R. S. F. S. R. as recounted by Soviet writers] Samyi sil'nyi; skazki narodov RSFSR, rasskazannye sovetskimi pisateliami. Moskva, Gos. izd-vo detskoi lit-ry, 1961. 287 p.
(NN)

MUKANOV, SABIT. [Paths of our development, articles on literary criticism. Puti nashego razvitiia, literaturno-kriticheskie stat'i] Alma-Ata, Kazgoslitizdat, 1960. 397 p. [In Kazakh]
(MH)

MUKANOV, SABIT. [Selected verse. Translated from the Kazakh] Stikhi i poemy, izbrannoe. Alma-Ata, Kazakhskoe goslitizdat, 1960. 392 p.
(MH)

MUSHKETYK, IURII. [Haidamaks, a novel. Translated from the Ukrainian] Gaidamaki, roman. [Moskva] Molodaia gvardiia, 1960. 446 p.
(MH)

MYRNYI, PANAS. [Works] Tvory. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1960. 5 v. [Author's real name: Panas IAkovlevich Rudchenko]
(NN)

MYRONOV, M. M. [Literary reader for the 4th grade] Literaturna chytanka dlia 4 klasu. Vyd. 24. Kyiv, Vyd-vo "Radians'ka shkola," 1958. 318 p.
(InU)

NAHNYBIDA, MYKOLA. [A song prompted by the heart] Pisnia, pidkazana sertsem. [Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1960. 158 p.
(NN)

NARTY. [Legend on the Nart heroes, an Ossetic epic. Translated from the Ossetic] Skazaniia o nartskikh bogatyriakh, osetinskii epos. Moskva, Sovetskaia Rossiia, 1960. 396 p. illus.
(MH)

NAZAROV, KHABIBULLO. [Free pen. Translated from the Tajik] Svobodnoe pero. Stalinabad, Tadzhikgosizdat, 1960. 72 p.
(MH)

NEDUMOV, S. I., and P. E. SELEGEI. [Through Lermontov's abodes] Po lermontovskim mestam. [Stavropol'] Stavropol'skoe knizhnoe izd-vo, 1960. 113 p.
(MH)

NEFEDOV, P. P. [Conversation with a hero, verse, poems] Razgovor s geroem; stikhi, poemy. [Magadan, Magadanskoe knizhnoe izd-vo, 1959] 91 p.
(MH)

NEKRASOV, N. A., and A. IA. PANAEVA (BRIANSKAIA) [Dead lake, a novel] Mertvoe ozero, roman. [Voronezh] Voronezhskoe knizhnoe izd-vo, 1960. 758 p.
(IU)

[NEW ACQUAINTANCES] Novye vstrechi. [Vologda] Vologodskoe knizhnoe izd-vo, 1960. 134 p.

NIAFIOD, ULADZIMIR. [Theater during the war years, White Russian drama during the time of the Great Patriotic War] Teatr u vaennyia hady, belaruskae stsenichnae mastatstva u chas Vialikai Aichynnai voiny. Minsk, Dziarzh. vyd-va BSSR, 1959. 248 p. illus.
(MH)

NIKITIN, I. S. [Works] Sochineniia. Moskva, Sovetskaia Rossiia, 1 v.
Vol. I. [Verse, 1849-1854] Stikhotvoreniia 1849-1854. 1960. illus.
(NN)

NILIN, P. F. [Cruelty. Probationary period] Zhestokost'. Ispytatel'nyi srok. Krasnoiarsk, [Krasnoiarskoe knizhnoe izd-vo] 1960. 367 p.
(NcD)

NIZAMI, GANJAWI. Ikbal-name. Sostavitel' nauchno-kriticheskogo teksta F. Babaev. Red. E. E. Bertel's. Baku, Akad. nauk Azerbaidzhanskoi SSR, 1947. 234 p. [In Persian with introduction in Russian.]

NIZAMI, GANJAWI. Sharaf-name. Sostavitel' nauchno-kriticheskogo teksta A. A. Ali-zade. Red. E. E. Bertel's. Baku, Akad. nauk Azerbaidzhanskoi SSR, 1947. 508 p. [In Persian. Introductions in Russian and Azerbaijani]
(MH)

NODIRA. [Verse] She"riar; ikkinchi nashri. Tashkent, UzSSR Davlat Bodiii adabuet Nashrieti, 1960. 84 p. (Uzbek klassiklari kutubkhonasi) [In Uzbek.]

NOVIKOV-PRIBOI, A. S. [Salty font; tales and novels] Solenaia kupel'; povesti, romany. Moskva, Gos. izd-vo khudozh. lit-ry, 1960. 641 p.
(NN)

O'CASEY, SEAN. [Bedtime story; a comedy in one act. Translated from the English] Na son griadushchii, komediia v odnom deistvii. Moskva, Gos. izd-vo "Iskusstvo," 1961. 22 p. (Repertuar khudozhestvennoi samodeiatel'nosti, no. 13)

ODESSA. UNIVERSYTET. [Problems of Soviet literature] *Pitarlia radianskoi literatury. Odesa, 1959.* 282 p. (KU)

OGANNISIAN, R.O. [Studies in Russian literature. Ocherki russkoi literatury] Erevan, Armianskoe gos.izd-vo. 1960. 495 p. [In Armenian] (MH)

[ON FRIENDSHIP AND LOVE; repertory of lyric verse and songs] O druzhbe i liubvi, liricheskie stikhi i pesni. Repertuarnyi sbornik. Moskva, Gos.izd-vo "Iskusstvo," 1961. 101 p. (Repertuar khudozhestvennoi samodeiatel'nosti, no. 14)

ONATS'KYI, IEVHEN, and O. ZHDANOVYCH. [The creative life and heroic death of Olena Teliha] Tvorche zhyttia i herois'ka smert' Oleny Telihy. Buenos Aires, Ukrainske vyd-vo "Peremoha," 1949. 18 p. (InU)

OSPOVAT, L.S. [Pablo Neruda, an outline of his works] Pablo Neruda, ocherk tvorchestva. Moskva, Sovetskii pisatel', 1960. 356 p. (MH)

[OUTLINE HISTORY OF SOVIET KAZAKH LITERATURE] Ocherk istorii Kazakhskoi sovetskoi literatury. Moskva, Izd-vo Akad. nauk SSSR, 1960. 685 p. (NN)

OVECHKIN, A.A. [Wild Bison's mistake] Oshibka dikogo zubra. Krasnoiarsk, [Krasnoiarskoe knizhnoe izd-vo] 1960. 31 p. (Bibliotetechka sibirskogo rasskaza, no. 1) (MH)

PAKLIN, S.A. [An old smithy, a novel] Starala kuznitsa, roman. [Cheliabinsk, Cheliabinskoe knizhnoe izd-vo, 1960] 215 p. (MH)

PANOV, N.N. [Boatswain from the "Tuman"] Botsman s "Tumana." Moskva, Gos.izd-vo detskoi lit-ry, 1957. 156 p. (CtY)

PARFANOVYCH, SOFIIA. [A faithful friend; stories from the life of a housecat] Virnyi pryiatel'; opovidannia z zhyttia domashn'oho kota. Chicago, M.Denysiuk, 1961. 207 p. (NN)

PASENIUK, L.M. [Mother-of-pearl shell; a tale] Perlamutrovala rakovina; povest'. Moskva, Izd-vo "Pravda," 1961. 47 p. (Biblioteka "Ogonek," no. 29)

PAVLYCHKO, DMYTRO. [A day; verse] Dnyna, poezii. [Kyiv, "Molod'," 1960] 176 p. (NN)

PECHERSKII, N.P. [Genka Pyzhov, first citizen of Bratsk. Translated from the Russian] Genka Pyzhov - primul lokuitor al bratskului. Traducere de V. Myndykanu. Kishinău, Editura de stat "Kartia molodovenieaske," 1960. 227 p. [In Moldavian.]

PETROV, A., and A.STRUGATSKII. [Ashes of Bikina. Translated from the Russian] Chenusha de la Bikini, povestire. Traducere de A.Kyndia. Kishinău, Editura de state "Kartia moldaveniaske," 1960. 157 p. [In Moldavian.]

PLOTKIN, L.A., ed. [Russian satire in the 19th and the beginning of the 20th century] Russkaia satira XIX-nachala XX vekov. Moskva, Gos.izd-vo khudozh. lit-ry, 1960. 729 p. (NN)

POLOTAI, N.I. [Jokingly and seriously; satire and humor] V shutku i v ser'ez, satira i iumor. Simferopol', *Krymizdat, 1960.* 61 p. (MH)

PONOMAR', F'ODOR. [Village flower] Floarea satului. Kishineu, Editura de stat "Kartia moldoveniaske," 1960. 159 p. [In Moldavian.]

POTEKHIN, A.A. [Selected works] Izbrannye proizvedeniia. [Ivanovo] Ivanskoe knizhnoe izd-vo, 1960. 661 p. *(MiU)*

PRISHVIN, M.M. [Forget-me-nots] Nezabudki. [Vologda] Vologodskoe knizhnoe izd-vo, 1960. 342 p.

PROMIN, K.D. [Night bonfire, stories] Nochnoi koster; rasskazy. [Krasnodar] Krasnodarskoe knizhnoe izd-vo, 1960. 111 p. *(MH)*

PRUTKOV, KOZ'MA. [Works] Sochineniia. Moskva, Gos. izd-vo khudozh. lit-ry [1960] 366 p. (NN)

PUSHKIN, N.N. [Sentinels of the northern seas; sketches] Chasovye severnykh morei; ocherki. [Murmansk] Murmanskoe knizhnoe izd-vo, 1960. 85 p.

RABINOWITZ, SHALOM. [Collected works] Sobranie sochinenii. Red. kollegiia: M.S. Belen'kii i dr. Moskva, Gos. izd-vo khudozh. lit-ry, 1959-1960. [Publ. under his pseud. Sholom Aleikhem.] Vol. 4-5. [Stories] Rasskazy. (NN)

RÁBINOWITZ, SHALOM. [Collected works] Sobranie sochinenii. Red. kollegiia: M.S. Belen'kii i dr. Moskva, Gos. izd-vo khudozh. lit-ry, 1959-1960. [Publ. under his pseud. Shalom Aleikhem.] Vol. 4-5. [Stories] Rasskazy. (NN)

RAKHIM, IBRAGIM. [True love; a novel. Translated from the Uzbek] Nastoiashchaia liubov'; roman. Tashkent, Goslitizdat UzSSR, Vol. 1. 1960. (MH)

REZIUKOV, N.A. [Comparative grammar of the Russian and Chuvash languages] Sopostavitel'naia grammatika russkogo i chuvashskogo iazykov. Cheboksary, Gos. izd-vo Chuvashskoi ASSR, 1959. 327 p. (MH)

RIABOV, I.A. [People and lands, sketches, feuilletons, articles] Zemlia i liudi; ocherki, fel'etony, stat'i. [Kalinin] Kalininskoe knizhnoe izd-vo, 1959. 246 p. (MH)

RIABCHENKO, I.I. [The warmth of your hand; verse] Teplo tvoei ruki; stikhi. Kiev, Radians'kii pis'mennik, *1960.* 83 p. (MH)

ROONEY, FRANK. [The cyclists' raid; stories. Translated from the English] Nalet mototsiklistov; rasskazy. Moskva, Izd-vo "Pravda," 1961. 46 p. (Biblioteka "Ogonek," no. 30)

ROSENFEL'D, S.E. [Doctor Sergeev; roman. Leningrad, Sovetskii pisatel', 1960. 300 p. (CtW)

ROZHDESTVENSKII, N.S., and N.I. POSPELOV. [Textbook for the practical study of the Russian language in the pedagogical colleges of the nationalities] Posobie dlia prakticheskikh zaniatii po russkomu iazyku v natsional'nykh pedagogicheskikh vuzakh. Izd. 3., ispr. Moskva, Gos. uchebno-pedagog. izd-vo, 1960. 539 p. (NN)

RUBEN, B.S. [Footprints of the war; a tale] Sled voiny; povest'. Moskva, Voen.izd-vo M-va obor. SSSR, 1960. 151 p.

RUBTSOV, A.B. [From the history of Russian dramaturgy during the end of the 19th and beginning of the 20th century] Iz istorii russkoi dramaturgii kontsa *XIX-nachala XX veka. Minsk,* Izd-vo Belgosuniv. im. V.I. Lenina, 1960. 322 p.

RUKLIN, G.E. [There are all sorts of people; stories and feuilletons] Liudi vsiakie byvaiut; rasskazy i fel'etony. [Briansk] Brianskii rabochii, 1959. 297 p. (MH)

RUSSIA (1923- U.S.S.R.) Tsentral'nyi gosudarstvennyi arkhiv literatury i iskusstva. [Serafimovich, Aleksandr Serafimovich, 1863-1949; inventory of papers in individual collection No. 457. Papers dated from 1864-1953] Serafimovich, Aleksandr Serafimovich, 1863-1949; opis'dokumental'nykh materialnykh materialov 1864-1953 gg. Sostavlena i podgotovlena k pechati IU.A. Krasovskim. Pod red. V.I. Popova. Moskva, 1955. 120 p. (MH)

[RUSSIAN-HUNGARIAN POCKET DICTIONARY] Karmannyi russko-vengerskii slovar'. Sost. G.I. Ol'dal i B.IA. Geiger. 7000 slov. Moskva, Gos.izd-vo inostr. i natsional'nykh slovarei, 1961. 367 p.

[RUSSIAN-ITALIAN PHRASE BOOK] Russko-ital'ianskii razgovornik. [Sost.] IU.A. Volkov. Moskva, Izd-vo lit-ry na inostr. iazykakh, 1961. 233 p. [MICROFILM]

RYBALKO, NIKOLAI. [Unfading serenity; verse] Svetloe ne merknet; stikhi. Kiev, Radians'kyi pys'mennyk, 1960. 70 p. (MH)

RYBNIKOVA, M.A. [Russian proverbs and sayings] Russkie poslovitsy i pogovorki. Moskva, Izd-vo Akad. nauk SSSR, 1961. 220 p.

RYL'S'KYI, M.F. [Merry gang; lyrics written during 1959] Zhrnia vesolykiv; liryka 1959 roku. [Kyiv] Radians'kyi pys'mennyk, 1960. 65 p. (Deknda ukrans'koi literatury ta mystetstva) *(NNC)*

RYL'S'KYI, MAKSYM. [Works] Tvory. [Kyiv, Derzh. vyd-vo khudozh. lit-ry.] Vol. 1. [1960.] (NN)

RYTKHEU, IU.S. [When the snows melt] Vremia taianiia snegov. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 413 p.

SADOF'EV, I.I. [Selected works] Izbrannoe. Moskva, Gos. izd-vo khudozh. lit-ry, 1960. 322 p. (CU)

SADOVSKII, V.L. [Stormy latitudes, selected works] Shiroty bur'; izbrannye proizvedeniia. [Penza] Penzenskoe knizhnoe izd-vo, 1960. 301 p. (MH)

[SAKHALIN MORNING] Sakhalinskoe utro. [Uzhno-Sakhalinsk, Sakhalinskoe knizh. izd-vo, 1959. 72 p. (MH)

SAKSE, ANNA [Uphill, a novel] V goru; roman. Moskva, Gos.izd-vo khudozh. lit-ry, 1957. 436 p. (IEN)

SALYNSKII, A.D. [Forgotten friend; collected plays] Zabytyi drug; sbornik p'es. Moskva, Sovetskii *pisatel', 1960.* 287 p. (CaAEU)

SASEU, D.A. [Have a good trip!] Shchasttlivai darohi. Minsk, Dziarzh. vyd-va BSSR, 1959. 59 p. (MH)

SBOICHAKOV, M.I. [Northern eagles; a tale] Severnye orly; povest'. [Arkhangel'sk] Arkhangel'skoe knizhnoe izd-vo, 1960. 107 p. (MH)

SEL'VINSKII, I.L. [Selected works in two volumes] Izbrannye proizvedeniia v dvukh tomakh. Moskva, Gos.izd-vo khudozh. lit-ry, 1960. 2 v. (NNC)

SEMENOV, IU.S. [49 hours and 25 minutes; a tale] 49 chasov 25 minut; povest'. [Moskva] Molodaia gvardiia, 1960. 62 p. (MH)

SEMIONOV, M.G. [Pests; stories and feuilletons] Prilipaly; rasskazy i fel'etony. Moskva, Sovetskii pisatel', 1960. 149 p. (NN)

SEREBROV, L.V. [Legend of swords and the sun; a historical tale] Legenda o mechakh i solntse; istoricheskaia povest'. Perm', Permskoe knizhnoe izd-vo, 1960. 112 p. (MH)

SHAKESPEARE, WILLIAM. [Complete collected works. Translated from the English] Polnoe sobranie sochinenii. Pod obshchei red. A.Smirnova i A.Anikста. Moskva, Iskusstvo, 1960. 1 v. (CLU)

...EARE, WILLIAM. [Shakespeare's sonnets ...d by S. Marshak] Sonety Shekspira v pere... Marshaka. Moskva, Gos. izd-vo khudozh. ...1960. 205 p. illus.

..., L. M. [Outline history of the White Russian ...Language] Narysy historyi belaruskai ...skai movy, dapamozhnik dlia studentau ...chnykh fakul'tetau VNU. Minsk, Dziarzh. ...vedagag. vyd-va, 1960. 222 p.

..., L. M. [The significance of the Old Church ...language in the development of the White ...n literary language] Znachenie tserkovna... ...skai movy u razvitstsi belaruskai litaraturnai ... Minsk, Vyd-va Beldiarzhuniv., 1959. 18 p. ...naty dlia IV Mizhnarodnaha z"ezdu slavistau)

...IEV, TOLEN. [In the fire, a poem. Translated ...the Kirghiz] V ogne; poema. Frunze, Kir... ...edgiz, 1960. 83 p.

...HAMEDOV, SH. M. [Ihsan Tabari; an account ...life and work] Ekhsan Tabari; ocherk zhizni i ...estva. Tashkent, Goslitizdat UzSSR, 1959.

..., V. A., ed. [History of the party and Soviet ...a collection of articles] Iz istorii partiinoi i ...skoi pechati; sbornik statei. Sverdlovsk, 1960.

..., ST. [Letters, 1896-1916] Pis'ma 1896-1916. ...Gos. izd-vo Armenii, 1959. 298 p.

...INA, V. R. [Current problems of modern ...criticism] Aktual'nye problemy sovremennogo ...rovedeniia. Moskva, Gos. izd-vo khudozh. ...1961. 470 p.

...CHEV, S. P. [Lines of love] Stroki liubvi. ...a, Izd-vo "Sovetskaia Rossiia," 1960. 141 p.

..., A. BAGRAT. [Verse. Translated from the ...dian] Stikhotvoreniia. Moskva, Goslitizdat, ...217 p. (Biblioteka sovetskoi poezii)

..., SAMSON. [Men who have gone through fire] ...Trekuts' prin foc, povestir'. Kishineu, ...de stat "Kartia moldoveniaske," 1960. 136 p. ...lavian.]

.../, I. S. [Tales and stories] Povesti i rasskazy. ...a, Gos. izd-vo khudozh. lit-ry, 1960. 461 p. (NN)

...OV, M. A. [They fought for our motherland; ...s from a novel] Oni srazhalis' za Rodinu. ...romana. Moskva, Voen. izd-vo M-va obor. ...959. 202 p. (Biblioteka soldata i matrosa)

...VSKI, PAVEL. [Road to truth] Put' k pravde. ...Gos. izd-vo BSSR, 1960. 355 p.

...EV, V. I. [To live conquering; verse] Zhit' ...daia; stikhi. [Voronezh] Voronezhskoe knizh... ...-vo, 1960. 64 p.

...[TALES] Sibirskie skazki. [Irkutsk] Irkutskoe ...o izd-vo, 1957. 174 p.

..., [Voltaire, 1694-1778] Vol'ter; 1694-1778. ...rad, "Iskusstvo," 1959. 149 p. (Klassiki ...zhnoi dramaturgii)

...K. M. [Days and nights; a tale] Dni i nochi; ...Moskva, Gos. izd-vo detskoi lit-ry, 1949. ...Shkol'naia biblioteka)

...K. M. [Selected verse] Izbrannye stikhi. ...Gos. izd-vo khudozh. lit-ry Uzbekskoi SSR, ...255 p.

..., V. A. [Lexical synonymy in the Russian ...Leksicheskaia sinonimika v russkom ...L'vov] Izd-vo L'vovskogo univ., 1960.

..., SEMEN. [Sviatoslav; a novel] Sviatoslav; ...[Kyiv, Derzhlitvydav, 1960] 1 v.

SKOBTSOVA, E. IU. (PILENKO). [Verse] Stikhi. Paris, Izd-vo Ob-va druzei Materi Marii, 1949. 99 p. (ICU)

SMIRNOV, I. A. [Stormy route; verse] Shtormovoi marshrut; stikhotvoreniia. [Leningrad] Lenizdat, 1960. 93 p. (MH)

SOGOMONIAN, SOGOMON. [Some aspects of modern poetry. Nekotorye voprosy sovremennoi poezii Erevan, Armianskoe gos. izd-vo, 1960. 324 p. [In Armenian.] (MH)

SOIUZ PISATELEI R. S. F. S. R. Smolenskoe otdelenie. [In a large family; prose, verse, literary criticism] V bol'shoi sem'e; proza, stikhi, literaturnaia kritika. [Smolensk] Smolenskoe knizhnoe izd-vo, 1960. 278 p.

SOKOLOVA, V. [Folklore as a source of historical and ethnological knowledge] Fol'klor, kak istoriko-etnograficheskii istochnik. Moskva, 1960. 16 p. (CLU)

SOLOV'EV, LEONID. [The tale of Khwajah Nasr al-Din] Povest' o Khodzhe Nasreddine. Ordzhonikidze, Severo-Osetinskoe knizhnoe izd-vo, 1959. 583 p. (IEN)

SOLOV'EV, V. V., and IU. N. PEREBEKOV. [Hidden paths, stories, sketches, and feuilletons] Zavetnye tropy; rasskazy, ocherki i fel'etony. [Saratov] Saratovskoe knizhnoe izd-vo, 1960. 121 p. (MH)

SOSIURA, VOLODYMYR. [Selected verse] Izbrannye stikhi. Moskva, Izd-vo "Pravda," 1961. 31 p. (Biblioteka "Ogonek," no. 27)

[SOURCE OF RIVERS, translation of verse by the young poets of Daghestan] Nachalo rek; perevody stikhov molodykh poetov Dagestana. [Moskva] Molodaia gvardiia, 1960. 80 p. (MH)

[SOVIET UKRAINIAN WRITERS, critical essays] Ukrains'ki radians'ki pys'mennyky; krytychni narysy. Kyiv, Radians'kyi pys'mennyk, 1960. 1 v. (InU)

SPITSYN, V. P. [Scent of snow] Zapakh snega. Moskva, Sovetskaia Rossiia, 1960. 34 p. (Korotkie povesti i rasskazy) (MH)

STANIUKOVICH, K. M. [Man overboard. Translated from the Russian] Un om yn mare. Kishineu Editura de stat "Kartia moldovenaske," 1961. 43 p. [In Moldavian.]

STETSENKO, A. N. [The complex subordinate clause in the Russian language from the 14th through the 16th century] Slozhnopodchinennoe predlozhenie v russkom iazyke XIV-XVI vv. Tomsk, Izd-vo Tomskogo univ., 1960. 309 p.

STETSIUK, IAKOV. [The heart won't die; a documentary tale. Translated from the Ukrainian] Serdtse ne umiraet; dokumental'naia povest'. Moskva, Gos. izd-vo polit. lit-ry, 1961. 134 p. (Povesti o delakh i liudiakh partii)

STRUKOV, A. F. Aleksandr Ivanovich Levitov. [Lipetsk] Lipetskoe knizhnoe izd-vo, 1960. 31 p. (Nashi znatnye zemliaki) (MH)

SUKHAREV, A. A. [It's spring again, verses of early years] Opiat' vesna; stikhi raznykh let. Moskva, Sovetskii pisatel', 1960. 69 p. (MH)

SUKHOMLINOV, A. V., comp. [The Aleksandr Sergeevich Pushkin House-Museum] Dom-muzei Aleksandra Sergeevicha Pushkina; kratkii putevoditel'. Kishinev, Kartia moldovenaske, 1959. 29 p. (CLU)

SVERDLOVSK. LITERATURNYI MUZEI IM. D. N. MAMINA-SIBIRIAKA. [A guide] Putevoditel'. [Sverdlovsk] Sverdlovskod knizhnoe izd-vo, 1959. 80 p. illus. (MH)

SYROTIUK, M. I., comp. [Voices of life; a collection of stories and sketches by present-day writers of the Soviet Ukraine] Holosy zhyttia; zbirnyk opovidan' ta narysiv suchasnykh pys'mennykiv Radians'koi Ukrainy. [Kyiv, Derzhlitvydav, 1960] 471 p. (MH)

TARNOVS'KYI, M. M. [I salute you, Ukraine!] Vitaiu tebe, Ukraino! Kyiv, Radians'kyi pys'mennyk, 1960. 149 p. (Dekada ukrains'koi literatury ta mystetstva) (NNC)

TATARINOVA, N. I. [Red poppies] Krasnye maki. Tashkent, Goslitizdat, 1960. 69 p. (Porvala kniga avtora) (MH)

TAT'IANICHEVA, L. K. [Malachite; selected verse] Malakhit, izbrannye stikhi. Moskva, Sovetskii pisatel', 1960. 166 p.

TAZHIBAEV, ABDIL'DA. [Life and poetry. Zhizn' i poeziia. Alma-Ata, Kazgoslitizdat] 1960. 482 p. [In Kazakh.] (MH)

TERESHCHENKO, M. I. [Years and people] Lita i liudy. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1960. 158 p. (Dekada ukrains'koi literatury ta mystetstva) (NNC)

TERPIGOREV, S. N. [Disturbed shadows] Potrevozhennye teni. Moskva, Detgiz, 1959. 236 p. (Shkol'naia biblioteka) (IEN)

TIMOFEEV, L. I., and N. N. ZHEGALOV. [Literature is the book of life] Literatura uchebnik zhizni. Moskva, Izd-vo "Znanie" Vses. ob-va po raspr. polit. i nauchn. znanii, 1961. 34 p. (Narodnyi universitet kul'tury, no. 1)

TOBILEVYCH, IVAN. [Works] Tvory. Red. kolegiia: S. D. Zubkov, IE. P. Kyrylluk, N. I. Padalka. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1960. 3 v. (NN)

TOLSTOI, A. N. Nikita's childhood. Moscow, Foreign languages publishing house [n. d.] (Russian readers for beginners) [In Russian.]

TOLSTOI, L. N. [Anna Karenina, a novel] Anna Karenina, roman. [Tula] Tul'skoe knizhnoe izd-vo, 1956. 705 p. (CU)

TOLSTOI, L. N. [Fragments of works; preface by D. N. Zhuravlev] Otryvki iz proizvedenii. Vstup. stat'ia D. N. Zhuravleva. Moskva, Gos. izd-vo "Iskusstvo," 1960. 135 p. (V pomoshch' chitetsam. Repertuar khudozhestvennoi samodeiatel'nosti, no. 32)

TOLSTOI, L. N. [Tales and stories. In two volumes] Povesti i rasskazy. V dvukh tomakh. Moskva, Gos. izd-vo khudozh. lit-ry, 1960. 2 v. (NNC)

TOPOROV, B. N. [The locative in the Slavic languages] Lokativ v slavianskikh iazykakh. Moskva, Izd-vo Akad. nauk SSSR, 1961. 378 p.

TROPACZYNSKA-OGARKOWA, WERONIKA. [Wooded valley; a novel. Translated from the Polish] Lisnyia doly, raman. Minsk, Dziarzh. vyd-va BSSR. Red. mastatskai lit-ry, 1958. 419 p. (MH)

TROTSKAIA, ZINAIDA. [In a low voice; verse] Vpolgolosa, stikhi. [Paris] Izd-vo im. Iriny IAssen. Rifma, 1961. 45 p.

TRUBETSKOI, N. S. [Principles of phonology. Translated from the German] Osnovy fonologii. Red. S. D. Katsnel'sona. Posles. A. A. Reformatskogo. Moskva, Izd-vo inostr. lit-ry, 1960. 371 p. (CU)

TRUBLAINI, MYKOLA. [Works] Tvory. Kyiv, Molod', 1955-1956. 4 v. (WaU)

TRUSOV, L. F. [Gates to the open spaces; stories] Vorota v prostor; rasskazy. Moskva, Sovetskii pisatel', 1960. 358 p. (MH)

TSITSISHVILI, G. G. [The genesis and nature of the creative method in Soviet literature. Voprosy genezisa i spetsifiki tvorcheskogo metoda sovetskoi literatury. Tbilisi, Akad. nauk Gruzinskoi SSR] 1960. 119 p. [In Georgian.] (MH)

TSULEISKIRI, V. G., and P. G. CHANISHVILI. [Self-instruction in the Georgian language] Samouchitel' gruzinskogo iazyka. Izd. 4., massovoe, perer. i dop. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo," 1960. 345 p. [In Georgian and Russian.]

TUDE, ALI. [Kamancha and the banner; verse and a poem. Translated from the Azerbaijani] Kemancha i znamia; stikhotvoreniia i poema. Moskva, Sovetskii pisatel', 1960. 77 p. (MH)

TURGENEV, I.S. [Collected works, in twelve volumes] Sobranie sochinenii, v dvenadtsati tomakh Moskva, Gos. izd-vo khudozh. lit-ry
Vol 6. [Tales and stories, 1854-1860] Povesti i rasskazy, 1854-1860 godov 1955 380 p
Vol 8. [Tales and stories, 1871-1883 Verse in prose] Povesti i rasskazy, 1871-1883 godov Stikhotvoreniia v proze. 1956 610 p.
Vol. 10 [Verse Literary and everyday reminiscences Translations] Stikhotvoreniia, poemy, Literaturnye i zhiteiskie vospominaniia Perevody. 1956 650 p
Vol. 11 [Articles and speeches on literary criticism Biographical sketches and notes] Literaturno-kriticheskie stat'i i rechi. Biograficheskie ocherki i zametki.

[TURKMEN FOLK TALES] Turkmen khalk ertekileri. Ashgabad, Turkmenistan dovlet neshiriaty, 1959. 278 p. [In Turkmen.]

TURUK, I. F., and V. N. STOIKOVA. [Handbook for translating technical texts from English into Russian] Posobie po perevodu tekhnicheskikh tekstov s angliiskogo iazyka na russkii, Moskva, Izd-vo lit-ry na inostr. iazykakh, 1961 166 p.

TVARDOVSKII, A. T. [Collected works] Sobranie sochinenii. Moskva, Gos. izd-vo khudozh. lit-ry, 1959-1960.
Vol. 3. [House by the road. Verse. Beyond the horizon] Dom u dorogi. Stikhotvoreniia. Za dal'iu dal'.
(NN)

UKHSAI, IAKOV. [Verse. Translated from the Chuvash] Stikhi. Moskva, Goslitizdat, 1961. 137 p. (Biblioteka sovetskoi poezii)
(MH)

[UKRAINIAN WRITERS, a bio-bibliographic guide] Ukrains'ki pys'mennyky, bio-bibliografichnyi slovnyk. Red. kolegiia O. I. Bilets'kyi i dr. Kyiv, Derzh. vyd-vo khudozh. lit-ry
Vol. 1. [Old Ukrainian literature, 11th to the 18th century] Davnia ukrains'ka literatura, XI-XVIII st. st. 1960
(NN)

UKRAINKA, LESIA. [Verse] Stikhotvoreniia i poemy. [Leningrad] Sovetskii pisatel', [1958] 409 p. (Biblioteka poeta, malaia serila, izd. 2) [Author's real name Larysa Petrivna Kosach.]
(NNC)

[UNDERNEATH THE BOOM OF A DERRICK] Sub braisua makaralei. Kishinău, Editura de stat "Kartia moldoveniaske," 1960. 237 p. [In Moldavian.]

UPITS, ANDREJS [Verdant land, a novel. Translated from the Latvian] Zemlia zelenaia, roman. Moskva, Sovetskii pisatel', 1960. 751 p.
(NNC)

USHAKOV, N. N. [Materials for exercises in spelling and punctuation, proverbs and sayings of various peoples. Teacher's guide] Material dlia upr.azhnenii po orfografii i punktuatsii; poslovitsy i pogovorki raznykh narodov. Posobiedlia uchitelia Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 54 p.

VAHYLEVYCH, KOST'. [Ukrainian phonologic primer] Ukrains'kyi fonolohichnyi bukvar. Illustruvav Edvard Kozak. Nove zminene vyd. [Detroit] Nakladom

VLASOV, N. K. [Cultivation of courage, a tale] Vospitanie muzhestva, povest'. Stalino, Knizhnoe izd-vo, 1959. 133 p.
(MH)

VOILOSHNIKOV, P. A. Konstantin Sedykh. Abakan, Khakasskoe knizhnoe izd-vo, 1959. 114 p.
(MH)

VOL'F, A. IA. [In a foreign land, a documentary tale] V chuzhoi storone, dokumental'naia povest'. [Saratov] Saratovskoe knizhnoe izd-vo, 1960. 471 p.

VORONIN, S. A. [Trickling streams] Zvenial ruch'i. Moskva Goslitizdat, 1960. 28 p. (Rasskazy sovetskikh pisatelei)
(MH)

VSEVOLODOVA, M. V. [Phonetic Russian language exercises for Poles] Foneticheskie upr.azhnenila po russkomu iazyku dlia poliakov. Pod obshchei red. M. N. Petersona. [Moskva] Izd-vo Mosk. univ., 1960. 83 p

VURGUN, SAMED. [Collected works. Sobranie sochinenii. Baku, Akad. nauk Azerbaidzhanskoi SSR. In Azerbaidzhani.]
Vol. 1. [Verse, 1924-1937. 1960] Stikhi, 1924-1937 1960.
Vol. 2. [Verse, 1938-1956. 1960] Stikhi, 1938-1956. 1960.
(MH)

VYRHAN, IVAN. [Land of happiness, verse] Kraina shchastia, poezii. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1951. 250 p.
(IU)

WILDE, OSCAR. [Selected works. Translated from the English] Izbrannye proizvedenila. [Moskva, Gos. izd-vo khudozh. lit-ry, 1960] 2 v.
(NN)

[WITH LENIN IN SPIRIT AND THOUGHT] Cu Lenin ya sufiet gynd. Kishinău, Editura de stat "Kartia moldoveniaske," 1960. 101 p.

WU, CH'ENG-EN. [Journey to the West, a novel. Translated from the Chinese] Puteshestvie na Zapad, roman. Moskva, Gos. izd-vo khudozh. lit-ry. 1959 4 v.
(CtY)

YOSHKAR-OLA, MARIISKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT IAZYKA, LITERATURY I ISTORII. [Outline history of Cheremiss literature] Ocherki istorii mariiskoi literatury. Ioshkar-Ola. Pt. 2. 1960. 410 p.

ZABELIN, I. M. [Belt of life; a science fiction novel] Poias zhizni, nauchno-fantasticheskii roman. Moskva, Gos. izd-vo geogr. lit-ry, 1960. 284 p. (Puteshestvila prikliuchenila fantastika)

ZADORNOV, N. P. [Old man Amur River; a novel] Amur - batiushka; roman. [Moskva] "Molodaia gvardiia," 1958. 659 p.
(IEN)

ZAKIEV, M. Z. [The modern Tatar literary language; syntax] Sovremennyi tatarskii literaturnyi iazyk, sintaksis. Uchebnoe posobie dlia studentov otdelenila tatarskogo iazyka i literatury universitetov i pedinstitutov. [Kazan'] Izd-vo Kazanskogo univ., 1958. 242 p.
(MH)

ZAVARIAN, MIKHAIL. [Outline history of Armenian and Georgian literary and cultural relations. Ocherki po istorii armiano-gruzinskikh literaturno-kul'turnykh sviazei.] Erevan, Armianskoe gos. izd-vo. 1959. 245 p. [In Armenian.]
(MH)

ZEMNOI, V. P. [Verse of various years] Stikhi raznykh let. Simferopol', Krymizdat, 1959. 167 p.
(MH)

ZHARIKOV, L. M. [Tale of a stern friend] Povest' o surovom druge. Moskva, Gos. izd-vo khudozh. lit-ry, 1960. 293 p.
(CU)

ZHATKIN, P. L. [White angels; a drama of the people] Belye angely, narodnaia drama. Moskva, Iskusstvo, 1960. 110 p.
(MH)

ZDANEVICH, I. K. [Accentuation of the participle in modern Russian] Sistema udarenila prichastii v sovremennom russkom iazyke. Red. I. A. Kalinin. Gor'kii, Gor'kovskii gos. pedagog. in-t im. A. M. Gor'kogo, 1959. 100 p.
(MH)

ZHYRKEVICH, M. I. [Textbook of the White Russian language] Padruchnik belaruskai movy. Minsk, Dziarzh. vuchebna-pedageg. vyd-va.
Vol. 1 [Phonetics and morphology for the 5th and 6th grade of the secondary school] Faneti i marfalogila dlia 5 i 6 klasau sharednial shkoly. Vyd 6. vypr. 1960.
Vol. 2. [Syntax for the 6th and 7th grade of the secondary school] Sintaksis dlia 6 i 7 klasau sharednial shkoly. Vyd. 5. 1960.
(MH)

Z'IZD PYS'MENNYKIV UKRAINY. 4th, Kiev, 1959. [Materials of the Congress of Ukrainian Writers] Materialy. Kyiv, Radians'kyi pys'mennyk, 1960. 385 p
(MH)

ZUEV, V. I. [Cornflowers, verse] Vasil'ki, stikhi. Saransk, Mordovskoe knizhnoe izd-vo, 1960. 52 p
(MH)

12. GEOGRAPHY & GEOLOGY

ABRAMOVICH, D. I. [Waters of the Kulunda Steppe] Vody Kulundinskoi stepi. Novosibirsk, Izd-vo Sibirskogo otd-nila AN SSSR, 1960. 211 p.

AKADEMIIA NAUK SSSR. Institut etnografii. [Ethnography of eastern Asia] Vostochno-aziatskii etnograficheskii sbornik. Moskva, Izd-vo Akad. nauk SSSR, 1960. 271 p.
(DBC)

AKADEMIIA NAUK SSSR. Kol'skii filial, Kirovsk. [Water-power resources of the Kola Peninsula] Vodnoenergeticheskie resursy Kol'skogo poluostr.a Moskva, Akad. nauk, 1958.
Vol. 1. [Vostochnaya Litsa River and Kharlov River] Reki Vostochnaia Litsa i Kharlovka.
Vol. 2. [Ponoy River] Reka Ponoi.
(MH)

ALEKSEEV, V. P. [Settlement of southern Siberia by man in the light of paleoanthropological data] Zaselenie territorii iuzhnoi Sibiri cheloveko.m v svete dannykh paleoantropologii. Moskva, 1960. 11 p.
(CLU)

[ALUPKA; a sketch for excursionists] Alupka, ekskursionnykh ocherk. Simferopol', Krymizdat, 1961. 84 p.

BATAKOV, N. [Velikiy Ustyug] Velikii Ustiug. [Vologd Vologodskoe knizhnoe izd-vo, 1960. 133 p.
(WU)

BELOUSOV, V. V. [Structural geology] Strukturnaia geologiia. [Moskva] Izd-vo Mosk. univ., 1961. 206

BESPALOV, V. M., and A. E. DMITRIEV. [Maloyaroslavets] Maloiaroslavets, [Kaluga] Kaluzhskoe knizhno izd-vo, 1960. 103 p. (Gorodia Kaluzhskoi oblasti)

BURDZHANADZE, V. D. [The Azerbaijan S. S. R. Azerbaidzhanskaia SSR. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo,"] 1960. 75 p. [In Georgian.]

BYKOVA, E. V. [Caradok foraminifera in eastern Kazakhstan] Foraminifery karadoka Vostochnogo Kazakhstana. Alma-Ata, Izd-vo Akad. nauk Kazakhs SSR, 1961. 119 p.

DIBROVA, O. T. [Geography of the Ukrainian S. S. R., textbook for the eighth grade of the eight-year school] Geografiia Ukrains'koi RSR, pidruchnyk dil 8 klasu vos'myrichnoi shkoly. Kyiv, Derzh. uchbov pedagog. vyd-vo "Radians'ka shkola," 1961. 160 p. map.

DIBROVA, O. T. [Prominent Russian geographers, explorers, and seafarers] Vydatni vitchyzniani geografy, mandrivnyky ta moreplavtsi. Za red. O. T Dibrovy. Kyiv, "Radians'ka shkola."
No. 3. 1954. 1 v.
(NN)

DZHANASHIA, N. S. [The ethnography of Abkhazia] Stat'i po etnografii Abkhazii; Sukhumi, Abgosizdat, 1960. 128 p.
(MH)

EFIMOV, I. K. [Southern Yakutia] IUzhnaia IAkutiia. IAkutsk, IAkutskoe knizhnoe izd-vo, 1957. 108 p.
(ICMILC)

ERIVAN. [Erivan] Erovan, Armianskoe gos. izd-vo, 1960. 167 p. illus.

[FORMATION OF GRANITES; second collection of articles. Preface by N. I. Soustov] Problema obrazovaniia granitov; vtorol sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1950. 385 p.

GANTSKAIA, O.A. [Russian historico-ethnographic atlas] Russkii istoriko-etnograficheskii atlas. Moskva, 1960. 16 p.
(CLU)

GEOGRAFICHESKOE OBSHCHESTVO SSSR [Reports at the annual lectures commemorating V.A. Obruchev, I-V, 1956-1960] Doklady na ezhegodnykh chteniiakh pamiati V.A. Obrucheva, I-V, 1956-1960 Moskva, Izd-vo Akad. nauk SSSR, 1961. 162 p.

GORBUNOVA, N.N., and I.V. PTASHNIKOVA. [Birth of a dream] Rozhdenie mechty. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1961. 100 p. (Po rodnym prostoram)

GURVICH, I.S. [Ethnology and the problems of the reorganization of the economy, culture, and way of life of the peoples of the Soviet Far North] Etnografiia i protsessy rekonstruktsii khoziaistva, kul'tury i byta malykh narodov Krainego Severa. Moskva, 1960. 16 p.
(CLU)

IONOV, A.V. [On the road to Moscow; travel sketches] Po doroge na Moskvu, putevye ocherki. Stalino, Knizhnoe izd-vo, 1960. 123 p.
(MH)

KABANOV, A.S. [Nal'chik, capital of the Kabardino-Balkar A.S.S.R.] Nal'chik, stolitsa sovetskoi Kabardino-Balkarii. Nal'chik, Kabardino-balkarskoe knizhnoe izd-vo, 1960. 124 p.
(WU)

KAMYNIN, L.I. [Hello, Cuba!] Zdravstvui Kuba! Moskva, Izd-vo "Izvestiia," 1960. 76 p. (Biblioteka "Izvestiia," no. 8)

KHODAK, IU.A. [Petrological and mineralogical characteristics of lower Cambrian sediments in Aldan District] Petrografo-mineralogicheskaia kharakteristika nizhnekembriiskikh otlozhenii Aldanskogo raiona [Moskva] Izd-vo Akad. nauk SSSR, 116 p.

KOLOTILIN, N.F. [Deformation of hillsides and sea cliffs in seismic and mudflow areas of southeastern Kazakhstan] Deformatsii gornykh i beregovykh sklonov v usloviiakh seismicheskikh i selevykh raionov IUgo-Vostochnogo Kazakhstana Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1961. 154 p.

KOVALENKO, K.O., and P.IU. VYSOTS'KA. [Physical geography of the Ukrainian S.S.R., 1840-1958; a bibliographic guide] Fizychna geografiia URSR, 1840-1956 rr. Bibliografichnyi pokazhchyk. Kyiv, Vyd-vo Akad. nauk URSR, 1960. 399 p.
(NN)

KOVALEV, I.A., and I.B. PURISHEV. [A guide to the historical sites and architectural monuments of Uglich] Uglich; putevoditel' po istoricheskim mestam i arkhitekturnym pamiatnikam. [Iaroslavl'] IAroslavskoe knizhnoe izd-vo, 1960. 201 p.

KRUPIANSKAIA, V.IU. [Principal problems in the ethnographic study of the peoples of the U.S.S.R.] Osnovnye problemy etnograficheskogo izucheniia narodov SSSR. Moskva, 1960. 18 p.
(CLU)

KUDRIAVTSEV, V.L. [Africa on the move] Afrika v dvizhenii. Moskva, Izd-vo "Izvestiia," 1960. 66 p. (Biblioteka "Izvestii," no. 7)

[KUNLUN AND TARIM; studies of natural conditions] Kun'lun' i Tarim, ocherki prirodnykh uslovii. Moskva, Izd-vo Akad. nauk SSSR, 1961. 211 p.

LENINGRAD [TSvetnye fotografii L. Ziverta. Moskva, Izd-vo lit-ry na inostr. iazykakh, 1959] folder (32 plates.)
(NN)

[LENINGRAD, views of the city] Leningrad, vidy goroda. Moskva, Gos. izd-vo izobraz. iskus., 1960. 1 v. plates.

LENINGRAD. UNIVERSITY. [Geology of Central Asia] Geologiia Srednei Azii; sbornik statei. [Leningrad] Izd-vo Leningr. univ., 1961. 235 p.

[LIBYA, 1:2 500 000] Liviia, 1:2 500 000. Moskva, Gos. izd-vo geogr. lit-ry.
_____ Genin, L.A. [Libya (text)] Liviia [tekst] 1960. 15 p.

[LITHOLOGY AND DISTRIBUTION CHARACTERISTICS OF RESERVOIR ROCKS OF THE JURASSIC AND LOWER CRETACEOUS OF THE WEST SIBERIAN PLAIN] Litologiia i zakonomernosti razmeshchenila porod-kollektorov v otlozhenilakh iury i nizhnego mela Zapadno-Sibirskoi nizmennosti. Moskva, Izd-vo Akad. nauk SSSR, 1961. 123 p.

LOMATS'KYI, M. [In the land of the Huculs, sketches] Z hutsul'shchyny, narysy. London, Vlasym, 1956. 354 p.
(OCl)

MARIAGIN, G.A. [Horizons, boundaries, explorers, narratives on travels, meetings, experiences] Gorizonty, rubezhi, iskateli, povestvovaniia o puteshestviiakh, vstrechakh, svershenliakh. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 172 p.

MARKOV, K.K., and A.I. POPOV., eds. [Periglacial phenomena in the U.S.S.R.] Periglatsial'nye iavleniia na territorii SSSR, sbornik statei. [Moskva] Izd-vo Mosk. univ., 1960. 287 p.

MIKLUKHA-MAKLAI, N.N. [On the shores of Maklay] Na beregu Maklaia. Moskva, Izd-vo Akad. nauk SSSR, 1961. 329 p.

MITIN, V.I., and IU.V. FULIN. [Ryazan-Solotcha-Klepiki-Tuma, guidebook.] Riazan'-Solotcha-Klepiki-Tuma; putevoditel'. [Riazan'] Riazanskoe knizhnoe izd-vo, 1960. 159 p.

MOLCHANOV, L.A. [Work of the geography club] Rabota geograficheskogo kruzhka, iz opyta raboty uchitelia shkoly No. 28 g. Shakhun'i Gor'kovskoi obl. Moskva, Uchpedgiz, 1960. 74 p. (Iz opyta uchitelia)
(CLU)

NALETOV, P.I. [Catalog of sites of fossil fauna, flora, pollen, and spores in the central Buryat A.S.S.R.] Katalog mestonakhozhdenii iskopaemykh fauny, flory, pyl'tsy i spor tsentral'noi chasti Buriatskoi ASSR. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1961. 62 p.

[NATIONAL PRESERVES OF THE U.S.S.R.] Zapovedniki SSSR. Moskva, Gos. izd-vo geogr. lit-ry.
Vol. 2, 1951. 385 p.
[PHOTOCOPY]

NEVOLIN, N.V. [Tectonics of western Kazakhstan and prospects for finding gas and oil] Tektonika Zapadnogo Kazakhstana i perspektivy ego neftegazonosnosti. Pod red. A.A. Borisova. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 315 p.

NEVSKII, V.A. [Characteristics of the development of faults, their internal structure and mineralization in certain ore-bearing areas of Central Asia] Osobennosti vnutrennego stroeniia, mineralizatsii i istorii razvitiia razlomov nekotorykh rudnykh raionov Srednei Azii. Moskva, Ugletekhizdat, 1959. 50 p. (Biblioteka nauchno-tekhnicheskogo gornogo obshchestva. Seriia: Biologicheskaia, no. 6)

NOVIK, E.O., V.V. PERMIAKOV, and E.E. KOVALENKO. [History of geological studies of the Donets coal basin, 1700-1917] Istoriia geologicheskikh issledovanii Donetskogo kamennougol'nogo basseina, 1700-1917 Kiev, Izd-vo Akad. nauk USSR, 1960. 530 p.

PERTSIK, E.N. [K.I. Arsenev and his work on the districting of Russia] K.I. Arsenev i ego raboty po rationirovaniiu Rossii. Moskva, Gos. izd-vo geogr. lit-ry, 1960. 118 p.
(KU)

PETRIAEV, E.D. [N.V. Kirilov, explorer of Transbaikalia and the Far East] N.V. Kirilov, issledovatel' Zabaikal'ia i Dal'nego Vostoka. [Chita] Chitinskoe knizhnoe izd-vo, 1960. 75 p.
(MH)

POTAPOV, L.P. [Basic principles of exhibition in the ethnographic museums of the U.S.S.R.] Osnovnye printsipy ekspozitsii v etnograficheskikh muzeiakh SSSR. Moskva, 1960. 10 p.
(CLU)

PREDYVAILO, A.T. [Land of lakes, forests, and rivers] Krai ozer, lesov i rek. Moskva, Izd-vo "Fizkul'tura i sport," 1960. 54 p. (Po rodnym prostoram)

PUSHKAR', A.I. [Kurile Islands] Ostrova Kuril'skie. IUzhno-Sakhalinsk, Sakhalinskoe knizhnoe izd-vo, 1960. 174 p.

RALL', IU.M. [The Russian steppes; sketches of a naturalist] Stepi russkie; ocherki naturalista. Stavropol', 1960. 99 p.
(MH)

RUSSIA (1923- U.S.S.R.) Glavnoe upravlenie geodezii i kartografii. [Atlas of the White Russian Soviet Socialist Republic] Atlas Belaruskai Savetskai Satsyialistychnai Respubliki. Minsk, Akad. navuk BSSR, 1958. 140 p.
(MiU)

SAMSONOV, P.A. [Yoshkar-Ola, the capital of the Mari A.S.S.R.] Ioshkar-Ola stolitsa Marliskoi ASSR. [Ioshkar-Ola] Marliskoe knizhnoe izd-vo, 1960. 61 p.

SELIVANOV, R.I. [Nature and natural resources of Tajikistan] Priroda i prirodnye resursy Tadzhikistana. Stalinabad, Tadzhikskoe gos. izd-vo, 1958 132 p.

SHEVCHENKO, A.I. [Hydrogeological classification of the irrigated areas of Uzbekistan] Gidrogeologicheskaia klassifikatsiia oroshaemykh territorii Uzbekistana. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, 1961. 154 p.

SHEVELEVA, E.V. [With the "Berezka" Dance Ensemble around America] S "Berezkoi" po Amerike. Moskva, Iskusstvo, 1960. 204 p.
(NN)

SHIRIAEV, S.D. [Guide to the Northern Caucasus] Putevoditel' po Severnomu Kavkazu. [Stavropol'] Stavropol'skoe knizhnoe izd-vo, 1960. 380 p. map.
(NN)

SMIDOVICH, I.N. [Laboratory studies on the economic and political geography of foreign countries] Ekonomicheskaia i politicheskaia geografiia zarubezhnykh stran; laboratornye zaniatiia. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 118 p.

[SMOLENSK, a reference book and guide] Smolensk, spravochnik-putevoditel'. Izd. 2., ispr. i dop. [Smolensk] Smolenskoe knizhnoe izd-vo, 1960. 258 p.
(MH)

SOLIGALICH. [By] I.N. Ardentov i dr. [Kostroma] Kostromskoe knizhnoe izd-vo, 1960. 146 p. (Goroda i raiony rodnogo kraia)

SOVESHCHANIE PO RAZRABOTKE UNIFITSIROVANNYKH STRATIGRAFICHESKIKH SKHEM SAKHALINA, KOMCHATKI, KURIL'SKIKH I KOMANDORSKIKH OSTROVOV, Okha, 1959. [Materials of the Conference on the Establishment of Unified Stratigraphic Scales for Sakhalin, Kamchatka, the Kuril and Komandor Islands, Okha, May 25 - June 2, 1959] Materialy Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1961. 338 p.

STUDENTOV, N.N. [Geography lessons in school; teachers' manual] Urok geografii v shkole; posobie dlia uchitelei, Izd. 2. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961, 158 p.

SVET, IA.M. [A hundred thousand li before the mast] Za kormoi sto tysiach li. Moskva, Gos. izd-vo geogr. lit-ry, 1960. 109 p.

[SVERDLOVSK; a guidebook] Sverdlovsk; spravochnik. [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1956. 232 p.
[MICROFILM]

TABATADZE, K.T. [Higher geodesy. Vysshaia geodeziia. Tbilisi, Gos. izd-vo uchebno-pedagog. lit-ry "Tsodna." In Georgian]
Vol. I. 1959. 369 p.

[TATAR A.S.S.R.; a photoalbum] TASSR; fotoal'bom. Kazan', Tatarskoe knizhnoe izd-vo, 1960. 1 v.

[THERMODYNAMICS OF GEOCHEMICAL PROCESSES. Preface by V.V. Shcherbina] Termodinamika geokhimicheskikh protsessov; sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1960. 270 p

TOLSTOV, S.P. [Basic theoretical problems of contemporary Soviet ethnography] Osnovnye teoreticheskie problemy sovremennoi sovetskoi etnografii. Moskva, 1960. 26 p.
(CLU)

TROFIMOVA, T.A. [Racial types in Central Asia during the Aeneolithic and Bronze Ages] Rasovye tipy naseleniia Srednei Azii v epokhy eneolita i bronzy. Moskva, 1960. 19 p.
(CLU)

TSAPENKO, N.G. [The Uzbek S.S.R.] Uzbekskaia SSR; lektsii, prochitannye v Tashkentskoi Vysshei partiinoi shkole. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1959. 53 p.
(MH)

USTIEV, E.K. [Anyuy volcano and problems of Quaternary volcanism in the northeastern U.S.S.R.] Aniuiskii vulkan i problemy chetvertichnogo vulkanizma Severo-Vostoka SSSR, Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1961. 122 p.

VERINA, V. N. [Some features of the development of nature in Moldavia, popular-scientific outline] Nekotorye cherty razvitiia prirody Moldavii, nauchno-populiarnyi ocherk. Pod obshchei red A. L. Oduda. Kishinev, Gos. izd-vo "Kartia moldovenieske," 1960. 110 p.

VISTELIUS, A. B. [Material on the lithostratigraphy of the producing formation in Azerbaijan] Materialy k litostratigrafii produktivnoi tolshchi Azerbaidzhana. Moskva, Izd-vo Akad. nauk SSSR, 1961. 157 p. (Voprosy geologii treticbnykh neftenosnykh basseinov Prikaspiia)

VOROPAI, OLEKSA. [Customs of our people, an ethnographic sketch] Zvychai nashoho narodu, etnohrafichnyi narys. Munich, Ukrains'ke vyd-vo, 1958. 1 v
(NN)

ZALTUR, G. K. [Soil erosion and its control in vineyards] Eroziunia solului yn vii shi kombaterea ei. Kishineu, Editura de stat "Kartia moldoveniaske," 1961. 34 p. [In Moldavian.]
(DA)

ZENKEVICH, L. A. [Investigation of the world ocean; current problems] Issledovaniia mirovogo okeana; sovremennye problemy. Moskva, Izd-vo "Znanie," 1961. 46 p. (Vsesoiuznoe obshchestvo po rasprotraneniiu politicheskikh i nauchnykh znanii. Ser. 12, Geologiia i geografiia, no. 11)
[MICROFILM]

ZUBOV, A. A. [The people of Tierra del Fuego] Liudi Ognennoi Zemli. Moskva, Gos. izd-vo geogr. lit-ry, 1961. 38 p. (Narody zemnogo shara)

13. SCIENCE

AKADEMIIA MEDITSINSKIKH NAUK SSSR, Moscow. Institut eksperimental'noi meditsiny. [Phosphorylation and its functions; the 1958 symposium] Fosforilirovanie i funktsiia, simpozium 1958 g. Leningrad, 1960. 377 p. (its Trudy)
(MH)

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Sektor biokhimii. [Problems in biochemistry] Voprosy biokhimii. Pod red. G. Kh. Buniatiana. Erevan.
Vol. 1. 1960. 216 p.

AKADEMIIA NAUK SSSR. Institut geokhimii i analiticheskoi khimii. [Methods for the determination and analysis of rare elements] Metody opredeleniia i analiza redkikh elementov. Moskva, 1961. 667 p.

AKADEMIIA NAUK SSSR. Institut istorii estestvoznaniia i tekhniki. [History of science and technology in the countries of the Orient] Iz istorii nauki i tekhniki v stranakh Vostoka; sbornik statei. Moskva, Izd-vo vostochnoi lit-ry.
Vol. 1. 1960.
(MH)

AKADEMIIA NAUK SSSR. Institut obshchei i neorganicheskoi khimii. [Reference book on the fusibility of systems of anhydrous inorganic salts] Spravochnik po plavkosti sistem iz bezvodnykh neorganicheskikh solei. Sost. N. K. Voskresenskaia i dr. Moskva,
Vol. 2. [Ternary, ternary reciprocal, and multicomponent systems] Sistemy troinye, nye vzaimnye i bolee slozhnye. 1961.
"

AKADEMIIA NAUK UZBEKSKOI SSR, Tashkent. Otdelenie fiziko-matematicheskikh nauk. [Some problems in applied physics] Nekotorye voprosy prikladnoi fiziki. Tashkent, 1961. 107 p.

ALESKOVSKAIA, T. E., and I. A. KOROVKINA. [Thermosensitive color for determining the temperature field of surfaces of solids in the temperature range from 300° to 1,000° C.] Termokraska dlia opredeleniia temperaturnogo polia poverkhnosti tverdykh tel v intervale temperatur 300-1000°C. Leningrad, 1961. 14 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Pribory i elementy avtomatiki, no. 5)

ALIKHANOV, A. I., V. V. VLADIMIRSKII, and S. IA. NIKITIN. [Measuring the effective number of secondary neutrons in U^{233}, U^{235}, and Pu^{239} in the thermal energy region of neutrons] Izmerenie effektivnogo chisla vtorichnykh neitronov urana-233, urana-235 i plutoniia-239 v oblasti teplovykh energii neitronov. Moskva, 1955. 11 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

ALISOVA, S. P., and others. [State diagrams of metal systems published in 1957] Diagrammy sostoianiia metallicheskikh sistem, opublikovannye v 1957 godu. Pod red. N. V. Ageeva. Moskva.
No. 3. 1960. 270 p.

AL'TSHULER, S. A., and B. M. KOZYREV. [Electron paramagnetic resonance] Elektronnyi paramagnitnyi rezonans. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 368 p.

ASADOV, S. M. [Helminth fauna of ruminants of the U. S. S. R. and its ecological and geographical analysis] Gel'mintofauna zhvachnykh zhivotnykh SSSR i ee ekologo-geograficheskii analiz. Pod red. K. I. Skriabina. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1960. 510 p.

BARSHCHEVSKII, B. U. [Electrostatics; abstract of lectures of the second course of all faculties] Elektrostatika; konspekt lektsii dlia studentov II kursa vsekh spetsial'nostei. Moskva, Vses. zaochnyi in-t inzhenerov zhel-dor. transp., 1960. 31 p.

BARSHCHEVSKII, B. U. [Physics, dispersion of light] Fizika; dispersiia sveta. Konspekt lektsiia dlia studentov II kursa vsekh spetsial'nostei. Moskva, Vses. zaochnyi institut inzhenerov zhel-dor. transp. 1960. 13 p.

BAT', G. A., and D. F. ZARETSKII. [Solution of the generalized Milne problem] Reshenie obobshchennoi zadachi Milna. Moskva, 1955. 15 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

BAZAROV, I. P. [Thermodynamics] Termodinamika. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 292 p.

BELOUSOVA, I. M., and IU. M. SHTUKKENBERG. [Natural radioactivity] Estestvennaia radioaktivnost'. Pod red. A. I. Burnaziana. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 218 p.

BELOZERSKII, A. N. [Nucleic acids and their biological importance] Nukleinovye kisloty i ikh biologicheskoe znachenie. Moskva, Izd-vo "Znanie," 1961. 46 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 7, Biologiia i meditsina, no. 11)

BERITASHVILI, I. S. [Nerve mechanisms of the behavior of the higher vertebrate animals] Nervnye mekhanizmy povedeniia vysshikh pozvonochnykh zhivotnykh. Moskva, Izd-vo Akad. nauk SSSR, 1961. 355 p.

BIBERGAL', A. V., U. IA. MARGULIS, and E. I. VOROB'EV. [Protection against X-rays and gamma rays] Zashchita ot rentgenovskikh i gamma-luchei. Pod red. K. K. Aglintseva. Izd. 2, perer. i dop. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 273 p.

BILAI, V. I. [Microscopic fungi producing antibiotics] Mikroskopicheskie griby - produtsenty antibiotikov. Kiev, Izd-vo Akad. nauk USSR, 1961. 181 p.

BURGOV, N. A. [Determining the number of secondary neutrons produced in the capture of one thermal neutron by nuclei of a natural mixture of uranium isotopes] Izmerenie chisla vtorichnykh neitronov, voznikaiushchikh pri zakhvate odnogo teplovogo neitrona iadrami estestvennoi smesi izotopov urana. Moskva, 1955. 6 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

CARLEMAN, T. [Mathematical problems in the kinetic theory of gases. Translated from the French] Matematicheskie zadachi kineticheskoi teorii gazov. Pod red. N. N. Bogoliubova. Moskva, Izd-vo inostr. lit-ry, 1960. 120 p. (Biblioteka sbornika "Matematika")

CHECHULIN, A. A. [Physics of the atom, the atomic nucleus, and elementary particles] Fizika atoma, atomnogo iadra i elementarnykh chastits, uchebnoe posobie po obshchemu kursu fiziki. Leningrad, Severo-Zapadnyi zaochnyi politekhn. in-t, 1960. 152 p.

CHERNIGOVSKII, V. N. [Interoceptors] Interotseptory. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 667 p.

CHISTIAKOV, V. D. [Materials on the history of mathematics in China and India, a manual for extra-curricular work] Materialy po istorii matematiki v Kitae i Indii; posobie dlia vneklassnoi raboty. Moskva, Gos uchebno-pedagog. izd-vo, 1960. 165 p.
(CU)

DANILOV, N. V. [Experimental physiology, lectures and demonstrations on the physiology of man and animals] Eksperimental'naia fiziologiia, lektsionnye demonstratsii po fiziologii cheloveka i zhivotnykh. Tashkent [Medgiz] UzSSR, 1960. 202 p.
(DNLM)

DARWIN, ERASMUS. [The temple of nature. Translated from the English. Preface by E. N. Pavlovskii] Khram prirody. Izd. 2., dop. Moskva, Izd-vo Akad. nauk SSSR, 1960. 259 p.

DRIZOVSKAIA, T. M. [Using educational motion pictures in chemistry lessons] Ispol'zovanie uchebnykh kinofil'mov na urokakh khimii. Moskva, Izd-vo Akad pedagog. nauk RSFSR, 1958. 76 p. (Politekhnicheskoe obuchenie v shkole)

DUBIANSKAIA, E. A., and N. T. RADTSIG. [Botany, textbook for pharmaceutical schools] Botanika; uchebnik dlia farmatsevticheskikh uchilishch. Izd. 7, perer. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 310 p.

ELISEEV, V. G., ed. [Principles of general histology and histological technique] Osnovy obshchei gistologii i gistologicheskaia tekhnika. Moskva, Medgiz, 1959. 214 p.
(DNLM)

FABRIKANT, V. A. [A beam into space] Luch idet v kosmos. Moskva, Izd-vo "Znanie," 1961. 28 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 9, Fizika i khimiia, no. 8)

GAISINOVICH, A. E. [K. V. Vol'f and his teaching on the development of organisms; in connection with the general evolution of the scientific outlook] K. F. Vol't i uchenie o razvitii organizmov v sviazi s obshchei evoliutsiei nauchnogo mirovozzreniia. Moskva, Izd-vo Akad. nauk SSSR, 1961. 548 p.

GAL'TSOV, A. P. [Heat and moisture in nature] Teplo i vlaga v prirode. Moskva, Izd-vo "Znanie," 1961. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 12, Geologiia i geografiia, no. 13)

GEILIKMAN, B. T. [Some problems of nuclear fission theory] Nekotorye voprosy teorii deleniia iadra. Moskva, 1955. 11 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

GEL'FAND, M. S. [Teaching algebra in the eighth grade of schools for working youth] Prepodavanie algebry v vos'mom klasse shkoly rabochei molodezhi. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1957. 131 p. (Pedagogicheskaia biblioteka uchitelia)

GEL'FAND, M. S. [Teaching the subject "Derivative function" in grade 10 of schools for working youth] Prepodavanie temy "Proizvodnaia funktsiia" v X klasse shkoly rabochei molodezhi. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1958. 111 p. (Pedagogicheskaia biblioteka uchitelia)

GIRSHFEL'D, S. V. [Investigation of delayed neutrons from U^{233} after irradiation by thermal neutrons] Issledovanie zapazdyvaiushchikh neitronov urana-233 posle obluchenila teplovymi neitronami. Moskva, 1955. 16 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

GOL'TSBERG, L. A. [Unseasonable frosts in the U.S.S.R., their agroclimatic characteristics and control] Agroklimaticheskaia kharakteristika zamorozkov v SSSR i metody bor'by s nimi. Leningrad, gidrometeor. izd-vo, 1961. 197 p.

GONCHARSKII, L. A. [Radioactive phenomena] Radioaktivnye iavleniia, lektsiia-konsul'tatsiia po fizike dlia studentov II kursa vsekh spetsial'nostei. Moskva, Vses. zaochnyi in-t inzhenerov zhel-dor. transp., 1960. 30 p.

GORBUNOV, G. M., ed. [Flame stabilization and the development of the combustion process in turbulent flow] Stabilizatsiia plameni i razvitie protsessa sgoraniia v turbulentnom potoke. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1961. 169 p.

GORDIENKO, A. N. [Nervous system and immunity] Nervnaia sistema i immunitet. Krasnodar, 1949. 115 p. illus.
(DNLM)

GOSUDARSTVENNYI SOIUZNYI TREST "SOIUZREAKTIV." [Scintillators] Stsintilliatory. Moskva, Gos. kom-t Soveta Ministrov SSSR po khimii, [1959] 28 p.

GROSHEV, L. V., B. P. AD'IASEVICH, and A. M. DEMIDOV. [Investigation of gamma rays emitted by nuclei in the capture of thermal neutrons] Issledovanie gamma-luchei, ispuskaemykh iadrami pri zakhvate teplovykh neitronov. Moskva, 1955. 36 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

HILL, RODNEY. [The mathematical theory of plasticity. Translated from the English] Matematicheskaia teoriia plastichnosti. Gos. izd. tekhniko-teoret. lit-ry. Moskva, 1956. 407 p. (The Oxford engineering science series)
(VIBlbV)

IAKOVLEV, IU. V. [Quantitative determination of impurities in highly pure metals by means of radioactivation analysis] Kolichestvennoe opredelenie primesei v metallakh vysokoi chistoty metodom radioaktivatsionnogo analiza. Moskva, 1955. 16 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

IAROSHENKO, P. D. [Geobotany, fundamental concepts, trends, and methods] Geobotanika, osnovnye poniatiia, napravleniia i metody. Moskva, Izd-vo Akad. nauk SSSR, 1961. 474 p.

IASTREMSKII, B. S. [Some problems of mathematical statistics] Nekotorye voprosy matematicheskoi statistiki. Moskva, Gosstatizdat TsSU SSSR, 1961. 191 p.

IATSENKO-KHMELEVSKII, A. A. [Brief course in plant anatomy] Kratkii kurs anatomii rastenii. Moskva, Gos. izd-vo "Vysshaiai shkola," 1961. 262 p.

IL'INSKAIA, N. B. [How DDT acts upon insects] Mekhanizm deistviia DDT na nasekomykh. Moskva, Izd-vo Akad. nauk SSSR, 1961. 110 p.

[IN UKRAINIAN PRESERVES] Po zapovidnykh mistsiakh Ukrainy. Kyiv, Vyd-vo TsK LKSMU "Molod'," 1960. 207 p.

INTERNATIONAL CONFERENCE ON THE PEACEFUL USES OF ATOMIC ENERGY. 2d, Geneva, 1958. [Transactions. Selected reports by foreign scientists. Izbrannye doklady inostrannykh uchenykh] Moskva, Izd-vo Glav. uprav. po ispol'zovaniiu atomnoi energ. pri Sovete Ministrov SSSR.
- Vol. 1. [Physics of a hot plasma and thermonuclear reactions] Fizika goriachei plazmy i termoiadernye reaktsii. Pod obshchei red. V. F. Kalinina. 1959. 617 p.
- Vol. 2. [Neutron physics] Neitronnaia fizika. Pod obshchei red. A. I. Alikhanova i N. A. Vlasova. 1959. 755 p.
- Vol. 5. [Chemistry of radioactive elements and of radiation transformations] Khimiia radioelementov i radiatsionnykh prevrashchenii. Pod obshchei red. A. P. Vinogradova. 1959. 715 p.

ISMAGILOV, M. I. [Ecology of rodents associated with the landscapes of Bet-Pak-Dala and the southern part of the Lake Balkhash region] Ekologiia landshaftnykh gryzunov Betpak-Daly i IUzhnogo Pribalkhash'ia. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1961. 365 p.

IUDITSKII, M. M. [Construction of axonometric drawings without the use of secondary projections] Postroenie aksonometricheskikh izobrazhenii bez ispol'zovaniia vtorichnykh proektsii. Khar'kov, Izd-vo Khar'kovskogo gos. univ. im. A. M. Gor'kogo, 1958. 36 p.

JANKO, JAROSLAV. [Mathematical-statistical tables. Translated from the Czech] Matematiko-statisticheskie tablitsy. Moskva, Gosstatizdat TsSU SSSR, 1961. 243 p.

KAKABADZE, V. M., and V. G. GEGUCHADZE. [Chemistry in man's life. Khimiia v zhizni cheloveka. Tbilisi, Izd. Obshchestva po rasprostraneniiu polit. i nauchn. znanii Gruzinskoi SSR] 1959. 43 p. [In Georgian.]

KHARIN, S. E. [Physical chemistry] Fizicheskaia khimiia. [Kiev] Izd-vo Kievskogo univ., 1961. 554 p.

KIKNADZE, V. D. [Materials for an investigation of the influence of the liver on the processes of hemopoiesis] Materialy k izucheniiu vliianiia pecheni na protsessy krovetvoreniia. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo," 1960. 77 p. (Opyt sovetskoi meditsyny)

KIPNIS, I. M. [Collection of applied problems involving inequalities; manual for teachers] Sbornik prikladnykh zadach na neravenstva; posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 102 p.

KONDRATIUK, IE. M. [Wild conifers of the Ukraine] Dykorostuchi khvoini Ukrainy. Kyiv, Vyd-vo Akad. nauk URSR, 1960. 118 p.

KONFERENTSIIA PO BIOLOGICHESKOMU DEISTVIIU UL'TRAFIOLETOVOGO IZLUCHENIIA. 1958. [Ultraviolet solar radiation and its use as a prophylactic and curative; transactions of the Conference on the Biological Effect of Ultraviolet Radiation] Ul'trafioletovoe izluchenie solntsa i ego ispol'zovanie dlia profilakticheskikh i techebnykh tselei, trudy. Sbornik chetvertyi pod red. N. F. Galanina. Leningrad, 1960. 99 p.

KORSHAK, V. V. [Chemistry of high-molecular compounds] Khimiia vysokomolekuliarnykh soedinenii. Moskva, Izd-vo Akad. nauk SSSR, 1950. 528 p.
(ICMILC)

KOZYREV, N. A. [Causal or asymmetrical mechanics in a linear approximation] Prichinnaia ili nesimmetrichnaia mekhanika v lineinom priblizhenii. Pulkovo, Glavnaia Astronomicheskaia observatoriia, 1958. 87 p.
[MICROFILM]

KRASNOIARSKAIA KOMPLEKSNAIA EKSPEDITSIIA. [Natural conditions of Krasnoyarsk Territory] Prirodnye usloviia Krasnoiarskogo kraia. Moskva, Izd-vo Akad. nauk SSSR, 1961. 248 p.

KRIGER, IU. A., and IU. B. KUDRIASHOV. [Electrokinetic phenomena in biology, lectures in a course of biophysics] Elektrokineticheskie iavleniia v biologii, lektsii po kursu biofiziki. [Moskva] Izd-vo Mosk. univ., 1960. 34 p.

KUROCHKIN, S. S., and V. V. MATVEEV, eds. [Apparatus for nuclear spectrometry, collection of scientific and technical articles] Apparatura dlia iadernoi spektrometrii; nauchno tekhnicheskii sbornik. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhniki.
No. 1. 1960. 131 p.

[LECTURE DEMONSTRATIONS IN PHYSICS] Lektsionnye demonstratsii po fizike. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry.
- No. 1. Mlodzeevskii, A. B. [General instructions, molecular physics, and thermodynamics] Obshchie ukazaniia, molekuliarnaia fizika i termodinamika. 1948. 170 p.

LENINGRAD. ARKTICHESKII I ANTARKTICHESKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT. [Materials of observations completed by the research drift stations "North Pole 4," "North Pole 5," and "North Pole 6" in 1956-1957] Materialy nabliudenii nauchno-issledovatel'skikh dreifuiushchikh stantsii "Severnyi polius-4", "Severnyi polius-5," "Severnyi polius-6" 1956/57 goda. Pod red. K. A. Sycheva. Leningrad, "Morskoi transport," 1959. 647 p.

LEVASHOV, V. I. [Evening of entertaining chemistry in school] Vecher zanimatel'noi khimii v shkole. Pod red. IU. V. Khodakova. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1958. 52 p. (Pedagogicheskie chteniia)

LEVCHENKO, V. V. [Chemistry, textbook for grades 8-10 of secondary schools] Khimiia, uchebnik dlia VIII-X klassov srednei shkoly. Pod red. S. A. Balezina. Izd. 3. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 455 p.

LUK'IANOV, A. V., I. B. TEPLOV, and M. K. AKIMOVA. [Tables of Coulomb wave functions (Whittaker functions)] Tablitsy volnovykh kulonovskikh funktsii (funktsii Uittekera). Moskva, Vychislitel'nyi tsentr AN SSSR, 1961. 221 p.

MARSHAK, M. E. [Regulation of respiration in man] Reguliatsiia dykhaniia u cheloveka. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 265 p.

MARTYNOV, D. IA. [Centuries and moments] Veka i mgnoven'ia. [Moskva] Izd-vo Mosk. univ., 1961. 85 p.

MEZHDUNARODNAIA KNIGA. [Physical and mathematical literature and scientific and technical dictionaries] Fiziko-matematicheskaia literatura i nauchno-tekhnicheskie slovari. Moskva, 1961. 66 p. (Katalog dlia zalavok, no. 12)

MEZHIBORSKAIA, KH. B. [Photoneutron method for the determination of beryllium] Fotoneitronnyi metod opredeleniia berilliia. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhniki, 1961. 50 p.

MIKHEEV, M. A., and others. [Heat transfer in melted metals] Teplootdacha rasplavlennykh metallov. Moskva, 1955. 13 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

MIKLUKHIN, G. P. [Isotopes in organic chemistry] Izotopy v organicheskoi khimii. Obrabotka i dopolnenila I. P. Gragerova i A. F. Rekashevoi. Kiev, Izd-vo Akad. nauk USSR, 1961. 730 p.

MISHCHENKO, M. T. [Structure and formation mechanism of cuprous oxide, and its electric properties] Stroenie, mekhanizm obrazovaniia zakisi medi i ee elektricheskie svoistva. L'vov, L'vovskii politekhn. in-t, 1959. 139 p.

MOSTOVOI, V. I., M. I. PEVZNER, and A. P. TSITOVICH. [Mechanical neutron velocity selector] Mekhanicheskii selektor neitronov. Moskva, 1955. 24 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

NATANSON, A. O. [Vitamin A and vitamin A insufficiency] Vitamin A i A-vitaminnaia nedostatochnost'. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 277 p.

NEKRASOVA, T. P. [Fruiting of pine in Western Siberia] Plodonoshenie sosny v Zapadnoi Sibiri. Novosibirsk, Izd-vo Sibirskogo otd-niia Akad. nauk SSSR, 1960. 130 p.

NEMIROVSKII, P. E. [Theory of a semitransparent nucleus with a blurred edge] Teoriia poluprozrachnogo iadra s razmytym kraem. Moskva, 1955. 16 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

NESMEIANOV, AN. N. [Vapor pressure of chemical elements] Davlenie para khimicheskikh elementov. Moskva, Izd-vo Akad. nauk SSSR, 1961. 395 p.

NIKOLAEV, L. A. [Nitrogen, phosphorus, potassium] Azot, fosfor, kalii. Moskva, Izd-vo "Znanie" Vses. ob-va po rasprostraneniiu polit. i nauchn. znanii, 1961. 39 p. (Narodnyi universitet kul'tury. Estestvennonauchnyi Fakul'tet, no. 4)

OLENOV, IU. M. [Some problems of evolutionary genetics and Darwinism] Nekotorye problemy evoliutsionnoi genetiki i darvinizma. Moskva, Izd-vo Akad. nauk SSSR, 1961. 162 p.

OPARIN, M. F., and B. M. SATURIN. [Device for determining dimensions of oblique triangles] Pribor dlia opredeleniia parametrov kosougol'nykh treugol'nikov. Leningrad, 1961. 11 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Mekhanicheskaia obrabotka metallov, no. 1)

PARFENOVA, I. P. [Lymphatic system of the lungs under normal conditions and in tuberculosis; radiographic studies] Limfaticheskaia sistema legkogo v norme i pri tuberkuleze, rentgeno-anatomicheskie issledovaniia. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 148 p.
(DNLM)

PASECHNIK, M. V. [Inelastic scattering of fast neutrons by atomic nuclei] Neuprugoe rasseianie bystrykh neitronov atomnymi iadrami. Moskva, 1955. 14 p. (Doklady, predstavlennye USSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

PAVLOVICH, N. A. [Manual of analytical chemistry for medical schools] Uchebnik analiticheskoi khimii, dlia meditsinskikh uchilishch. Izd. 3. ispr. i dop. [Leningrad] Gos. izd-vo med. lit-ry Medgiz. Leningr. otd-nie, 1961. 311 p.

PEREKALIN, V. V. [Unsaturated nitro compounds] Nepredel'nye nitrosoedineniia. Leningrad, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1961. 336 p.

PERYSHKIN, A. V. [Physics course] Kurs fiziki Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR
Pt 3 [Electricity, optics and atomic structure, textbook for high-school students of the 10th grade] Elektrichestvo, optika i stroenie atoma; uchebnik dlia X klassa srednei shkoly Izd. 5. 1958. 334 p.

PETROV, M. M. [Laboratory chemistry manual for students of special secondary schools not majoring in chemistry] Laboratornye raboty po khimii, dlia uchashchikhsia srednikh spetsial'nykh uchebnykh zavedenii nekhimicheskikh spetsial'nostei. Moskva, Gos. izd-vo "Vysshaia shkola," 1961, 53 p.

PETROVSKII, V. V. [Role of the lymphatic vessels in blood circulation] O roli limfaticheskikh sosudov v krovoobrashchenii Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 149 p.

PIAGET, JEAN, and others. [Teaching of mathematics. Translated from the French, manual for teachers] Prepodavanie matematiki, posobie dlia uchitelei. Moskva, Gos uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 161 p.

PODDERIUGIN, V. D. [Program control for the "Strela-3" computer (recording linear sections)] Programma kontrolia dlia "Strely - 3" (LUCH). Moskva, Vychislitel'nyi tsentr AN SSSR, 1960. 21 p.

PODDERIUGIN, V. D. [Program control for the "Strela-3" computer (recording changing commands)] Programma kontrolia dlia "Strely - 3 (PIK). Moskva, Vychislitel'nyi tsentr AN SSSR, 1960. 20 p.

PONTRIAGIN, L. S. [Ordinary differential equations] Obyknovennye differentsial'nye uravneniia. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 311 p.

PREOBRAZHENSKII, A. IU. [Secrets of the ocean of air] Tainy vozdushnogo okeana. Moskva, Izd-vo "Znanie," 1961. 36 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 4, Tekhnika, no. 8)
[MICROFILM]

RADOVSKII, M. I. [M. V. Lomonosov and the Peters-burg Academy of Sciences] M. V. Lomonosov i Peterburgskaia Akademiia nauk. Moskva, Izd-vo Akad. nauk SSSR, 1961. 334 p.

[RECENT PROBLEMS IN GRAVITATION. Preface by D. Ivanenko.] Novelshie problemy gravitatsii sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1961. 488 p. (Problemy fiziki)

ROZEN, B. IA. [Chemistry of open and hidden fire] Khimiia iavnogo i tainogo ognia. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 221 p.

RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po khimii. [Chemical reagents; sulfonazo] Khimicheskie reaktivy. Sul'fonazo. Moskva, [1959] 6 p.

RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po khimii. [Most important organic and inorganic reagents for the determination of cations, anions, functional groups, and individual compounds] Vazneishie organicheskie i neorganicheskie reaktivy dlia opredelenila kationov, anionov, funktsional'nykh grupp i otdel'nykh soedinenii. Moskva, Gos. izd-vo khim. lit-ry, 1959. 55 p. (Khimicheskie reaktivy)

[illegible] nik. Moskva, Izd-vo "Znanie," soiuznoe obshchestvo po rasprostra-kh i nauchnykh znanii. Ser. 9, [illegible] no. 10)

SEMENCHENKO, V. K. [Selected chapters of theoretical physics] Izbrannye glavy teoreticheskoi fiziki. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 337 p.

SENCHENKOVA, E. M. [K. A. Timiriazev and the science of photosynthesis] K. A. Timiriazev i uchenie o fotosinteze. Moskva, Izd-vo Akad. nauk SSSR, 1961. 179 p.

SHAPOVALENKO, S. G., and others. [Chemistry; a textbook for grades 8 - 10 of secondary schools] Khimiia, uchebnik dlia VIII-X klassov srednei shkoly. Pod red. S. G. Shapovalenko. Izd. 4. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv RSFSR, 1958. 421 p.

SHEREMET'EV, M. P. [Plates with reinforced rim] Plastinki s podkreplennym kraem. [L'vov] Izd-vo L'vovskogo univ., 1960. 257 p.

SHEVCHENKO, I. N. [Methods of teaching common fractions] Metodika prepodavaniia obyknovennykh drobei. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1958. 129 p. (Pedagogicheskaia biblioteka uchitelia)

SHIPCHINSKII, A. V. [What an agricultural worker should know about weather and climate] Chto sleduet znat' o pogode i klimate rabotniku sel'skogo khoziaistva. Moskva, Izd-vo M-va sel'. khoz RSFSR, 1960. 87 p.

SIMPOZIUM PO GOMOLITICHESKIM REAKTSIIAM V ZHIDKOI FAZE. [Summaries of reports to the Symposium on Homolytic Reactions in the Liquid Phase] Tezisy dokladov. Gor'kii, 1960. 37 p.
[MICROFILM]

SLEPTSOV, M. M. [Cataceans of the Far Eastern seas] Kitoobraznye dal'nevostochnykh morei Izd. 2., ispravlennoe i dop. Vladivostok [Primorskoe knizhnoe izd-vo] 1955 161 p.
(WaU)

SMIRNOV, M. M. [Problems in connection with equations of mathematical physics] Zadachi po uravneniiam matematicheskoi fiziki. Izd. 4., dop. Moskva, Gos izd-vo fiziko-matem. lit-ry, 1961. 112 p.

SODIKOV, KH. U. [Russian-Tajik physics dictionary] Lughati rusi-tochikii istilohoti fizika. Stalinobod, Nashriёti davlatii adabiёti ta"limi-pedagogii Vazorati maorifi RSS Tochikiston, 1960. 167 p. [In Russian and Tajik]

SOVESHCHANIE PO ROSTU KRISTALLOV, 1st, Moscow, 1956. [Reports at the Conference on the Growth of Crystals] Doklady. Moskva, Izd-vo Akad. nauk SSSR, 1957. 374 p.
(ICMILC)

SOVESHCHANIE PO TEORII POLUPROVODNIKOV, 5th, 1960. [Summaries of reports to the Conference on the Theory of Semiconductors] Tezisy dokladov. Tbilisi, 1960. 84 p.
[MICROFILM]

SPIVAK, P. E., and others. [Measurement of resonance absorption integrals for various substances and of the multiplication coefficient (effective number of secondary neutrons of resonance neutrons for fissionable isotopes] Izmerenila rezonansnykh integralov poglashcheniia dlia razlichnykh veshchestv i koeffitsienta razmnozhenila (effektivnogo chisla vtorichnykh neitronov) na rezonansnykh neitronakh dlia deliashchikhsia izotopov. Moskva, 1955. 13 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

SPIVAK, P. E., and others. [Studying the beta-decay of a neutron] Issledovanie beta-raspada neitrona. Moskva, 1955. 20 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

SPIVAK, P. E., and B. G. EROZOLIMSKII. [Measuring the coefficient of neutron multiplication (effective number of secondary neutrons) for fissionable uranium and plutonium isotopes, using thermal neutrons for fission] Izmerenie koeffitsienta razmnozhenila neitronov (effektivnogo chisla vtorichnykh neitronov) dlia deliashchikhsia izotopov urana i plutonila pri delenii na teplovykh neitronakh. Moskva, 1955. 16 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

STEPANOVA, L. G., and E. A. KAKUSHKINA. [Hormonal research in gynecology; collection of works of the Endocrinology Laboratory at the Research Institute for Midwifery and Gynecology of the Ministry of Public Health of the R. S. F. S. R.] Gormonal'nye issledovaniia v ginekologii; sbornik rabot laboratorii endokrinologii Nauchno-issledovatel'skogo instituta akusherstva i ginekologii Ministerstva zdravookhraneniia RSFSR. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 201 p.

STOLIAROV, K. P. [Luminescent methods of the detection and determination of inorganic ions; stenographic report] Metody liuminestsentnogo otkrytiia i opredeleniia neorganicheskikh ionov, stenogramma doklada. Leningrad, Leningr. Dom nauchno-tekhn. propagandy, 1961. 45 p.

SULTANOV, A. S. [D. I. Mendeleev's chemical theory of catalysis and its further development] Khimicheskaia teoriia kataliza D. I. Mendeleeva i dal'neishee ee razvitie. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, 1961. 98 p.

TARASENKO, M. I., and S. M. IONIN. [Some laws, principles, and rules of general chemistry; manual for students of the correspondence departments of pharmaceutical institutes and faculties] Nekotorye zakony, printsipy i pravila obshchei khimii; posobie dlia studentov zaochnykh otdelenii farmatsevticheskikh institutov i fakul'tetov. Moskva, Pervyi MOLMI im. I. M. Sechenova, 1960. 69 p.

VASIL'EV, M. V., and K. P. STANIUKOVICH. [In the world of the seven elements] V mire semi stikhii. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 254 p.

VLADIMIRSKII, V. V., I. A. RADKEVICH, and V. V. SOKOLOVSKII. [Neutron spectrometer with a mechanical beam chopper] Neitronnyi spektrometr s mekhanicheskim preryvatelem. Moskva, 1955 32 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

VOROB'EV, S. A., and M. G. AVAEV. [Practical and laboratory work in soil science and agriculture] Laboratorno-prakticheskie zaniatiia po pochvovedeniiu i zemledeliiu. Izd. 2., perer. Moskva, Gos. izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 335 p. (Uchebnik i uchebnye posobiia dlia sel'skokhoziaistvennykh tekhnikumov)

VSEROSSIISKOE OBSHCHESTVO SODEISTVIIA OKHRANE PRIRODY I OZELENENIIU NASELENNYKH PUNKTOV, Novosibirskoe oblastnoe otdelenie. [New flights of Western Siberia] Novye rybky Zapadnoi Sibiri. Novosibirsk [1960] 50 p.

VSESOIUZNOE SOVESHCHANIE PO KHIMII KOMPLEKSNYKH SOEDINENII KOBAL'TA I NIKELIA, 1960. [Summaries of reports to the All-Union Conference on the Chemistry of Cobalt and Nickel Complexes] Tezisy dokladov. Kishinev, Izd-vo "Shtiintsa" Moldavskogo filiala Akad. nauk SSSR, 1960. 74 p.
[MICROFILM]

VVEDENSKII, A. A. [Physicochemical constants of organic compounds] Fiziko-khimicheskie konstanty organicheskikh soedinenii. Leningrad, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1961. 123 p.

[WORLD OF GIANT MOLECULES] V mire bol'shikh molekul. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 123 p. (Nauchno populiarnaia literatura)

ZAL'TSMAN, G. L. [Physiological bases for human life under conditions of increased atmospheric pressure] Fiziologicheskie osnovy prebyvaniia cheloveka v ustoviiakh povyshennogo davleniia gazovoi sredy. Pod red. E. M. Kreps. [Leningrad] Gos. izd-vo med. lit-ry Medgiz, Leningr. otd-nie, 1961. 185 p.

ZIMOVNOV, V. N. [Method of least squares as applied to measurements associated with constant errors] Sposob naimen'shikh kvadratov v prilozhenii k izmereniiam, soprovozhdaiushchimsia postoiannymi pogreshnostiami. Podgotovleno k izdaniiu i dop. IU. V. Kemnitsem. Moskva, Izd-vo geodez. lit-ry, 1960. 56 p.

14. MEDICINE

AKADEMIIA MEDITSINSKIKH NAUK SSSR, Moscow. Institut eksperimental'noi meditsiny. [Achievements and ways of developing some branches of experimental medicine, reports of scientists of the Institute of Experimental Medicine of the Academy of Medical Sciences of the U. S. S. R. on the 40th anniversary of the Great October Socialist Revolution] Itogi i puti razvitiia nekotorykh razdelov eksperimental'noi meditsiny; doklady uchenykh IEM AMN SSSR, posviashchennye 40-letiiu Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii. Pod red. N. A. Kharlamova. Leningrad, 1958. 77 p.
(DNLM)

AKADEMIIA MEDITSINSKIKH NAUK SSSR, Moscow. Institut eksperimental'noi meditsiny. [Live vaccine against poliomyelitis; collection of articles from the Department of Virology] Zhivaia vaktsina protiv poliomielita; sbornik rabot otdela virusologii Pod red. A. A. Smorodintseva. Leningrad, 1960. 208 p
(DNLM)

AKADEMIIA MEDITSINSKIKH NAUK SSSR, Moscow. Institut terapii. [Contemporary problems in cardiology] Sovremennye problemy kardiologii. [Moskva, 1960] 371 p.
(DNLM)

ALAPIN, G. IA. [Organization of the work in cystoscopy and a concise methodology for urological investigations; manual for physicians and students] Organizatsiia raboty v tsistoskopicheskoi i kratkaia metodika urologicheskikh issledovanii; rukovodstvo dlia vrachei i studentov. Khar'kov, 1959. 43 p.
(DNLM)

ANAN'EV, N. A. [Public health system in Ryazan Province, November 1917-November 1957] Zdravookhranenie Riazanskoi oblasti; noiabr' 1917-noiabr' 1957 gg. Riazan', Priokskaia pravda, 1957. 110 p.
(DNLM)

ANDREEV, A. L., ed. [Problems in the clinical aspects and treatment of mental illness] Voprosy kliniki i terapii psikhicheskikh zabolevanii. Moskva, 1960. 578 p.
(DNLM)

ARKHANGEL'SKII, S. P. [Suppurative diseases of the skin] Gnoinichkovye bolezni kozhi. [Leningrad] Medgiz, 1960. 43 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

ARTEM'EV, S. A. [Fear venereal diseases] Boites' venericheskikh boleznei. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 32 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

ASTAKHOV, S. N. [Spare your nervous system] Shchadite nervnuiu sistemu. [Leningrad] Medgiz, 1960. 108 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

AVERBAKH, M. M. [To the patient with pulmonary tuberculosis] Bol'nomu tuberkulezom legkikh. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 37 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

BAZHENOV, I. P. [Health blows away on cigarette smoke] Vmeste s dymom papirosy ukhodit zdorov'e. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 27 p.
(DNLM)

BEKHTEREVA, N. P. [Biopotentials of the cerebrum in supratentorial tumors] Biopotentsialy bol'shikh polushatii golovnogo mozga pri supratentorial'nykh opukholiakh. [Leningrad] Gos. izd-vo med lit-ry Medgiz, 1960. 186 p.
(DNLM)

BARSKII, I. P. [Work of the polyclinic of the Stalinogorsk Chemical Combine] Opyt raboty polikliniki Stalinogorskogo khimicheskogo kombinata. Moskva, Medgiz, 1960. 104 p.
(DBC)

BLINKIN, S. A. [Fight for a great discovery] Bor'ba za velikoe otkrytie. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 48 p. (Nauchno-populiarnaia meditsinskaia literatura)

BULANOVSKAIA, R. S. [Rheumatic fever in children during the period between attacks and its treatment at health resorts and sanatoriums] Vnepristupnyi period revmatizma u detei i ego sanatorno-kurortnoe lechenie. Moskva, Medgiz, 1960. 230 p.
(DNLM)

BUNIN, K. V., ed. [Pocket manual for the specialist in infectious diseases; clinical aspects, diagnosis, and treatment] Karmannyi spravochnik infektsionista; klinika, diagnostika, lechenie. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 233 p.
(DNLM)

[CAUCASIAN MINERAL WATERS] Kavkazskie mineral'nye vody. Stavropol', 1960. 275 p.
(DC)

CHUBINIDZE, A. I. [Morphology and morphogenesis of dyscirculatory processes in brain tumors] Morfologiia i morfogenez distsirkuliatornykh protsessov pri opukholiakh golovnogo mozga. Tbilisi, Izd-vo AN Gruzinskoi SSR, 1960. 190 p. illus. [In Georgian.]
(DNLM)

CHUDNOSOVETOV, V. A., and M. D. EMEL'IANOV. [Intubation and its use in diphtheria of the larynx] Intubatsiia i ee primenenie pri difterii gortani. Makhachkala, Dagestanskoe knizhnoe izd-vo, 1960. 115 p.
(DNLM)

DANTSIG, H. M. [Hygiene of vision in school children] Gigiena zrenila uchashchikhsia shkol. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 70 p. (Biblioteka srednego medraboinika)
(DNLM)

DOLETSKII, S. IA. [Diaphragmatic hernias in children] Diafragmal'nye gryzhi u detei. Moskva, Medgiz, 1960. 243 p.
(DNLM)

DUKHANINA, N. N. [Eradication of malaria] Likvidatsiia malarii. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 30 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

EVDOMIKOV, A. L. [Cancer of the cervix uteri] Rak sheiki matki. Kyiv, Derzhmedvydav URSR, 1959. 54 p.
(DNLM)

FILATOV, A. N., ed. [Transplantation and replacement of tissues and organs] Peresadki i zameshchenila tkanei i organov. [Leningrad] Gos. izd-vo med lit-ry Medgiz, Leningr. otd-nie, 1960. 323 p.
(DNLM)

FILATOV, V. P. [Selected works in four volumes] Izbrannye trudy v chetyrekh tomakh. Kiev, Izd-vo Akad. nauk USSR.
Vol. 1. 1961. 466 p.
Vol. 2. 1961. 446 p.
Vol. 3. 1961. 368 p.
[MICROFILM]

GALKIN, N. N. [Manual on the selection of spectacles] Posobie po podboru ochkov. Izd. 2., ispr. i dop. [Leningrad] Medgiz, 1960. 183 p. (Biblioteka prakticheskogo vracha)
(DNLM)

GERTSEN, P. A. [Causes of death following bilateral vagotomy in their relation to conditions of survival] Prichiny smerti posle dvustoronnei vagotomii v ikh sviazi s usloviiami vyzhivaniia Moskva, Medgiz, 1960. 86 p.
(DNLM)

GORIZONTOV, P. D., ed. [Problems in the pathogenesis, experimental treatment, and prevention of radiation sickness] Voprosy patogeneza, eksperimental'noi terapii i profilaktiki luchevoi bolezni. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 431 p.
(DNLM)

GURGENIDZE, G. V. [Materials on the pathogenesis of bronchial asthma] Materialy k patogenezu bronkhial'noi astmy. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo," 1960. 118 p. (Biblioteka vracha)
(DNLM)

INGAMDZHANOV, N. I. [Practical manual on needle therapy] Prakticheskoe rukovodstvo po igloterapii. Tashkent, Gos. med. izd-vo M-va zdravookhraneniia UzSSR, 1960. 138 p.
(DNLM)

INTERNATIONAL CONFERENCE ON THE PEACEFUL USES OF ATOMIC ENERGY, 2d, Geneva, 1958. [Transactions. Selected reports by foreign scientists. Izbrannye doklady inostrannykh uchenykh] Moskva, Izd-vo Glav. upiav. po ispol'zovaniiu atomnoi energ. pri Sovete Ministrov SSSR.
Vol. 9. [Radiobiology and radiation medicine] Radiobiologiia i radiatsionnaia meditsina. Pod obshchei red. A. V. Lebedinskogo. 1959. 515 p.

IOIRISH, N. P. [Bees and health] Pchely i zdorov'e. Moskva, [Izdatel'skoe biuro tresta "Meduchposobie,"] 1961. 1 v. illus.
(DNLM)

KARPUKHIN, V. T. [Urological diseases] Urologicheskie zabolevaniia. Moskva, Medgiz, 1960. 46 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

KASSIRSKII, I. A. [Rheumatism will be conquered] Revmatizm budet pobezhden. Moskva, Izd-vo "Znanie," 1961. 29 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Biologiia i meditsina, no. 12)

KHATIASHVILI, T. [Comparative evaluation of methods for radiation treatment of lip cancer. Sravnitel'naia otsenka metodov luchevogo lecheniia raka gub. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR] 1959. 33 p. [In Georgian with summary in Russian.]
(DNLM)

KISHINEV. GOSUDARSTVENNYI MEDITSINSKII INSTITUT. [Pathomorphology of the nervous system in tuberculosis; collection of articles of the Kishinev State Medical Institute] Patomorfologiia nervnoi sistemy pri tuberkuleze; sbornik rabot. Pod rukovodstvom F. E. Agoichenko. Red. V. I. Puzik. Mishinev, Gos. izd-vo Moldavii, 1958. 231 p.
(DNLM)

KOLESNIKOV, A. L. [Technical analysis of raw material, semifinished materials, and the finished products of synthetic medicinal preparations] Tekhnicheskii analiz syr'ia, poluproduktov i gotovoi produktsii sinteticheskikh lekarstvennykh preparatov. Moskva, Medgiz, 1959. 478 p.
(DNLM)

KONOVALOV, N. V. [Hepatocerebral dystrophy] Gepato-tserebral'naia distrofiia. Moskva, Medgiz, 1960. 556 p.
(DNLM)

KRAEVSKAIA, I. S. [Cancer of the ovaries] Rak iaichnikov. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 130 p.
(DNLM)

KRASNOSEL'SKII, G. I. [Chinese health gymnastics for elderly persons] Kitaiskaia gigienicheskaia gimnastika dlia liits pozhilogo vozrasta. Izd. 2, ispr. i dop. Moskva, Gos izd-vo med. lit-ry Medgiz, 1961. 28 p.
(DNLM)

KHINITSKII, A. F. [Clinical and biochemical investigations for doctors] Vrachebnye kliniko-biokhimicheskie issledovaniia. Kiev, Gos. med. izd-vo USSR, 1960. 136 p. (Biblioteka prakticheskogo vracha)
(DNLM)

KURASHOV, S. V. [Organization of the control of cardiovascular diseases] Organizatsiia bor'by s serdechno-sosudistymi zabolevaniiami. Moskva, 1960. 107 p.
(DNLM)

KUZNETSOVA, L. V. [Industrial hygiene during work with some types of accelerator installations] Gigiena truda pri rabote na nekotorykh vidakh uskoritel'nykh ustanovok. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 70 p. (Biblioteka prakticheskogo vracha)
[MICROFILM]

LEBEDEV, A. A., ed. [Clinical, morphological, and hormonal parallels in dysfunctional uterine hemorrhages] Kliniko-morfologo-gormonal'nye parallelli pri disfunktsional'nykh matochnykh krovotecheniiakh. Moskva, 1960. 209 p.
(DNLM)

LENINGRAD. INSTITUT RADIATSIONNOI GIGIENY. [Problems in the hygiene and physiology of nutrition, collection of articles] Voprosy gigieny i fiziologii pitaniia; sbornik trudov. Pod red. B. I. Kadykova Leningrad, 1960 114 p.
(DNLM)

LUR'E, A. IU. [Selected works] Izbrannye trudy. Kiev, Izd-vo Akad. nauk USSR. 1960. 425 p.
(DNLM)

LUR'E, Z. L. [Diseases of the nervous system in internal diseases] Porazhenila nervnoi sistemy pri vnutrennikh boleznikh. Izd. 2., perer. i dop. Moskva, Medgiz, 1960. 212 p.
(DNLM)

MATVEEV, K. I. [Epidemiology and prevention of tetanus] Epidemiologiia i profilaktika stolbniaka. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 337 p.
(DNLM)

MERZON, F. S. [Virus influenza in children] Virusnyi gripp u detei. Kiev, [Gosmedizdat] USSR, 1960. 248 p.
(DNLM)

MEZHOBLASTNAIA NAUCHNAIA KONFERENTSIIA KHIRURGOV OBLASTEI URALA I ZAPADNOI SIBIRI, 1959. [Transactions of the Interprovince Conference of Surgeons from the Urals and Western Siberia, 1959, complications of peptic and duodenal ulcer, acute intestinal obstruction, problems in thoracic surgery, osteoarticular tuberculosis, and some other problems in surgery and urology] Trudy; oslozhnenila iazvennoi bolezni zheludka i dvenadtsatiperstnoi kishki, ostraia kishechnaia neprokhodimost', voprosy khirurgii organov grudnoi polosti, kostno-sustavnogo tuberkuleza i nekotorye drugie voprosy khirurgii i urologii. Kurgan, Izd-vo gazety "Sovetskoe Zaural'e," 1960. 483 p.
(DNLM)

MILITAREV, IU. M. [Hernias; their prevention and treatment] Gryzhi, ikh preduprezhdenie i lechenie. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 21 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

MIRSKII, M. B. [In the name of life; on the Academician N. N. Burdenko] Vo imia zhizni; ob akademike N. N. Burdenko. Moskva, Gospolitizdat, 1960. 93 p.
(CLU)

MIZINA, A. F., and A. E. SITERENGERTS. [Experience in the treatment of children for the aftereffects of poliomyelitis at a climatological and balneological health resort] Opyt lecheniia detei s posledstviiami poliomielita na klimatobal'neologicheskom kurorte. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 93 p. (Biblioteka prakticheskogo vracha)
(DNLM)

MOLCHANOV, N. S. [Treatment in the field; manual for students of medical institutions and for physicians] Voenno-polevaia terapiia; rukovodstvo dlia studentov medvuzov i vrachei. [Leningrad] Gos. izd-vo med. lit-ry Medgiz, Leningr. otd-nie, 1961. 234 p.
(DNLM)

MOSCOW. PERVYI MEDITSINSKII INSTITUT. Zaochnoe otdelenie farmatsevticheskogo fakul'teta. [Methodological instructions for a course in general hygiene] Metodicheskie ukazaniia po kursu obshchei gigieny Moskva, 1960 13 p. (DNLM)

MUL'TANOVSKII, M. P. [History of medicine] Istoriia meditsiny. Moskva, Gos izd-vo med.lit-ry, 1961. 345 p.

MURAZIAN, A.G. [Prevention of trachoma] Preduprezhdenie trakhomy Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960 13 p. (Nauchno-populiarnaia meditsinskaia literatura) (DNLM)

NEIMARK, E. Z., and F. KH. ZINGER. [Industrial toxicology among coal miners, its treatment and prevention] Professional'nye otravleniia rabochikh ugol'nykh shakht, ikh lechenie i profilaktika Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 114 p. (Biblioteka prakticheskogo vracha)

NOVOSIBIRSK. MEDITSINSKII INSTITUT. Kafedra mikrobiologii. [Problems of dysentery] Voprosy dizenterii. Pod red N.N. Vorob'evoi Novosibirsk, 1957. 134 p. (DNLM)

ORLOV, V. V [Plethysmography, methods and use in experimental and clinical investigations] Pletizmografiia, metody i primenenie v eksperimental'nykh i klinicheskikh issledovaniiakh, Moskva, Izd-vo Akad. nauk SSSR, 1961. 253 p. (DNLM)

OZERETSKOVSKII, D. S. [Obsessive states] Naviazchivye sostoianiia Moskva, Medgiz, 1960. 166 p. (DNLM)

PARIN, V. V., and F. Z. MEERSON [Essays on the clinical physiology of blood circulation] Ocherki klinicheskoi fiziologii krovoobrashcheniia. Moskva, Medgiz, 1960. 426 p. (DNLM)

PAP, A.G. [Prevention of gynecological diseases and cancer of the female generative organs] Profilaktika ginekologicheskikh zabolevanii i raka zhenskikh polovykh organov. Kiev, Gos. med. izd-vo USSR, 1960. 100 p. (DNLM)

PEREL'MAN, IA. M. [Analysis of medicinal forms, practical manual] Analiz lekarstvennykh form, prakticheskoe rukovodstvo. Izd. 3., perer. i dop. [Leningrad] Gos. izd-vo med. lit-ry Medgiz, Leningr. otd-nie, 1961 615 p. (DNLM)

PERSHIN, G. N., and E. I. GVOZDEVA. [Textbook in pharmacology] Uchebnik farmakologii. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 402 p.

PETROSIAN, KH. A. [Congenital dislocation of the hip] Vrozhdennyi vyvikh bedra. Erevan, 1957. 294 p. (DNLM)

PETROV, I. P., and E. V. GUBLER. [Artificial hypothermia] Iskusstvennaia gipotermiia. [Leningrad] Gos. izd-vo med. lit-ry Medgiz, Leningr. otd-nie, 1961. 227 p. (DNLM)

RABINOVICH, M. G. [Cataract] Katarakta. Moskva, Medgiz, 1960. 18 p. (Nauchno-populiarnaia meditsinskaia literatura) (DNLM)

ROSTOV-ON-DON. MEDITSINSKII INSTITUT. Kafedra sudebnoi meditsiny. [Papers by the Faculty of Medical Jurisprudence of the Rostov Medical Institute] Sbornik nauchnykh rabot. Red. kolleg. V. I. Shchedrakov i dr. Rostov-na-Donu, 1959. 248 p. (DNLM)

ROZENFEL'D, I. I. [Principles and method in the planning of the public health system] Osnovy i metodika planirovaniia zdravookhraneniia, posobie dlia zaochnogo obucheniia. Moskva, 1959. 39 p. (DNLM)

RUSIN, N. M., and V. L. GNOEVAIA [Some problems in food hygiene in rural areas] Nekotorye voprosy gigieny pitaniia v sel'skoi mestnosti. Moskva, Gos. izd-vo med lit-ry Medgiz, 1961. 146 p. (Biblioteka sanitarnogo vracha)

SHADURSKII, K. S. [Lectures on general pharmacology] Lektsii po obshchei farmakologii. Izd. 2. perer. i dop. Minsk, Izd-vo Belgosuniversiteta im. V. I. Lenina, 1961. 100 p. (DNLM)

SHAKHBAZIAN, G. KH., and I. M. TRAKHTENBERG. [Hygiene of mental labor] Gigiena umstvennogo truda. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 70 p. (Nauchno-populiarnaia meditsinskaia literatura)

SHARLAI, R. I. [Cancer of the internal organs, causes, course, prevention, and medicinal treatment] Rak vnutrennikh organov, prichiny techenie, preduprezhdenie, i lekarstvennoe lechenie. [Khar'kov] Khar'kovskoe knizhnoe izd-vo, 1960. 206 p. (DNLM)

SHCHERBAKOV, N. M. [Electric sleep, methodological instructions for physicians] Elektroson, metodicheskie ukazaniia dlia vrachei. Odessa, Odesskii nauchno-issl. psikhonevrologicheskii in-t, 1958. 21 p. (DNLM)

SHIBKOV, A. A. [First women physicians in Russia] Pervye zhenshchiny-mediki Rossii. [Leningrad] Gos. izd-vo med. lit-ry Medgiz Leningr. otd-nie, 1961. 119 p.

SIL'VESTROV, V. P. [Bronchial asthma] Bronkhial'naia astma [Leningrad] Medgiz, 1960. 43 p. illus. (Nauchno-populiarnaia meditsinskaia literatura) (DNLM)

SINEL'NIKOV, N. A. [Dysentery in the Turkmen S. S. R., etiology and bacteriological diagnosis] Dizenteriia v Turkmenskoi SSR; etiologiia i bakteriologicheskaia diagnostika. Ashkhabad, Turkmenskii, gos. med. in-t im. I. V. Stalina, 1958. 245 p. (DNLM)

SLADKOVICH, S. E. [Treatment of some diseases of the skin and mucosa with dry ice] Lechenie tverdoi uglekislotoi nekotorykh zabolevanii kozhi i slizistykh. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 113 p. (DNLM)

SNESAREV, P. E. [Selected works] Izbrannye trudy, Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 462 p.

RASNOGO KRESTA I KRAS-SA. Ispolnitel'nyi komitet. tive workers of the Red Cross pravochnik aktivista obshchestva asnogo polumesiatsa. Pod red. .2., dop. i ispr. Moskva, Medgiz,

[Prevention of infectious diseases Profilaktika infektsii zhivymi a, Gos. izd-vo med. lit-ry p.

ng illnesses with diet] Ozdoro- 3, Buenos Aires, Izd-vo p.

anization of physical therapy in nics] Organizatsiia fizioterapii inikakh. Moskva, Gos. izd-vo 1961. 209 p.

rmine, a drug in popular medi- tvo narodnoi meditsiny. Alma- , izd-vo, 1961. 65 p.

TELISHEVSKII, I. A., and V. V. SHUVALOV. [Reference book (atlas) on dermatology illustrated with photographs for the practicing physician] Fotoilliustrirovannyi spravochnik (atlas) po dermatologii dlia prakticheskogo vracha. Pod obshchei red. I. A Telishevskogo. Tashkent, Gos. med. izd-vo M-va zdravookhraneniia UzSSR, 1960. 302 p.

TIFLIS. NAUCHNO-ISSLEDOVATEL'SKII INSTITUT TRAVMATOLOGII I ORTOPEDII. [Reports of a meeting on research and practice of the Research Institute for Traumatology and Orthopedics, held jointly with the Georgian Society of Traumatology and Orthopedics in honor of the 40th anniversary of the Great October Socialist Revolution] Tezisy doklad. nauchno-prakticheskoi sessii Nauchnoi-issledovatel'skogo instituta travmatologii i ortopedii sovmestno s Obshchestvom travmatologov i ortopedov Gruzii, posviashchennoi 40-letiiu Velikoi Oktiabrskoi sotsialisticheskoi revoliutsii. Tbilisi, 1957. 30 p. (DNLM)

VSESOIUZNAIA KONFERENTSIIA VRACHEI STOMATOLOGOV. PO VOPROSAM TRAVMATOLOGII CHELIUSTNO-LITSEVOI OBLASTI, 1958. [Traumatology and restorative surgery of the maxillofacial region, transactions of the All-Union Conference of Stomatologists on Problems of Maxillofacial Traumatology] Travmatologiia i vosstanovitel'naia khirurgiia chelliustno-litsevoi oblasti, trudy. [Leningrad] Medgiz, 1959. 426 p. (DNLM)

VSESOIUZNOE SOVESHCHANIE PO VITAMINAM, 4th, Moscow. [Current information on the therapeutic use of vitamins] Sovremennye dannye po lechebnomu primeneniiu vitaminov. Pod red. V. V. Efremova. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 278 p. (DNLM)

VSESOIUZNYI S"EZD RENTGENOLOGOV I RADIOLOGOV 7th, Saratov, 1958. [Transactions of the Seventh All-Union Congress of Roentgenologists and Radiologists] Trudy. Moskva, Gos izd-vo med. lit-ry Medgiz, 1961. 317 p. (DNLM)

ZACHEPITSKII, R. A., and E. K. IAKOVLEVA. [Role of improper upbringing in the genesis of neuroses] Rol' nepravil'nogo vospitaniia v proiskhozhdenii nevrozov. [Leningrad] Gos. izd-vo med. lit-ry Medgiz, Leningr. otd-nie, 1960. 30 p. (Nauchno populiarnaia med. lit-ry) (DNLM)

ZHUKOVSKII, M. A. [Prevention of rheumatic fever in children] Profilaktika revmatizma u detei. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 17 p. (Society roditelam) (DNLM)

15. AGRICULTURE

ABDURAGIMOV, P. A., and N. N ODOEVSKII. [Advanced corn growing practices in Daghestan] Peredovoi opyt vyrashchivaniia kukuruzy v Dagestane. [Makhachkala] Dagestanskoe knizhnoe izd-vo, 1959. 29 p. (Bibliotechka kukuruzovoda) (DA)

AKINDINOV, M. V. [Procurement and sawing of logs into blocks for the manufacture of gunstocks] Zagotovka i razdelka kriazhei na lozheyye bolvanki. Moskva, Gos. Lesotekhnicheskoe izd-vo, 1916. 28 p. (DA)

ARINUSHKINA, E. V. [Manual on the chemical analysis of soils] Rukovodstvo po khimicheskomu analizu pochv. [Moskva, Izd-vo Mosk. univ., 1961. 490 p.

BARANOVSKII, N. V. [Pumps for milk and liquid milk products] Nasosy dlia moloka i zhidkikh molochnykh produktov. Izd. 2., perer. i dop. Moskva, Pishche promizdat, 1959. 56 p. (DA)

[BARLEY] IAchmen'. [Moskva] Mosk. rabochii, 1961. 15 p. (Bibliotechka polevoda) (DA)

BILYK, D. P., V. L. KALIBERDA, and L. V. TEMCHENKO. [Corn in green fallows] Kukuruza v zaniatykh parakh. [Odesa] Odes'ke knizhkove vyd-vo, 1960. 55 p. (DA)

BRIZGALOV, V. A., ed. [Handbook for the agronomist specializing in vegetable growing] Spravochnik agronoma-ovoshchevoda. Izd. 4., perer. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 912 p. (DA)

BRONFMAN, L. I., and L. S. POLONSKII. [Small-scale mechanization for the maintenance of swine in large groups] Malaia mekhanizatsiia pri krupnogruppovom soderzhanii svinei. Kishinev, Gos. izd-vo "Kartia moldoveniaske," 1961. 86 p. (DA)

[BUCKWHEAT] Grechikha. [Moskva] Mosk. rabochii, 1961. 21 p. (Bibliotechka polevoda)
(DA)

CHAIKIN, P.I. [Decisions of the December (1959) Plenum of the Central Committee of the CPSU, a militant program for further development of agriculture] Reshenila dekabr'skogo (1959 g.) Plenuma TsK KPSS; boevaia programma dal'neishego razvitiia sel'skogo khoziaistva. Moskva, Znanie, 1960. 46 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 1, Istoriia, no. 20)
(MH)

CHANOV, G.I. [Economic accountability within the sections of collective farms in Stavropol Territory] Vnutrikhoziaistvennyi raschet v kolkhozakh Stavropol'ia. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 21 p. (Reshenila ianvarskogo (1961 g.) Plenuma TsK KPSS - v zhizn'!)
(DA)

DAGESTANSKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT SEL'SKOGO KHOZIAISTVA. [Corn cultivation practices in Daghestan] Agrotekhnika vozdelyvaniia kukuruzy v Dagestane. [Makhachkala] Dagestanskoe knizhnoe izd-vo, 1959. 41 p. (Bibliotechka kukuruzovoda)
(DA)

DEM'IANOVICH, A.M. [Advice for field crop growers, what one should know about fertilizers and their use] Sovety polevodam; chto nado znat' ob udobreniiakh i ikh primenenii. [Kaluga] Kaluzhskoe knizhnoe izd-vo. No. 1. 1959. 51 p.
(DA)

DOBROVOL'SKII, B.V. [Phonology of the insect pests of agriculture] Fenologiia nasekomykh vreditelei sel'skogo khoziaistva. Izd. 2. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 123 p.
(DA)

DRESSLER, M., and I. ADAMEK. [Partial aerial skidder] Polupodvesnaia trelevochnaia ustanovka. Moskva, Goslesbumizdat, 1960. 36 p.
(DA)

[ECONOMICS AND ORGANIZATION OF SWINE BREEDING] Ekonomika i organizatsiia svinovodstva. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 288 p.
(CU)

EMANUILOV, V.I., and A.V. VOLOKOV. [Corn, the king of crops] Kukuruza - bogatyrskaia kul'tura. [Moskva] Mosk. rabochii, 1961. 17 p.
(DA)

EMEL'IANOV, I.I., and P.K. KLIOPA. [Economic effectiveness of using ammonia water] Ekonomicheskaia effektivnost' primeneniia ammiachnoi vody. [Tula] Tul'skoe knizhnoe izd-vo, 1960. 34 p. (Bibliotechka polevoda)
(DA)

[FORAGE CABBAGE] Kormovaia kapusta. [Moskva] Mosk. rabochii, 1961. 17 p. (Bibliotechka polevoda)
(DA)

[FORAGE LUPINE] Kormovoi liupin. [Moskva] Mosk. rabochii, 1961. 17 p. (Bibliotechka polevoda)
(DA)

GONCHARENKO, V.A. [First steps into the future] Pervye shagi v budushchee. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 110 p. (Reshenila ianvarskogo (1961 g.) Plenuma TsK KPSS - v zhizn')
(DA)

[GREEN FALLOWS] Zaniatye pary. [Moskva] Mosk. rabochii, 1961. 15 p. (Bibliotechka polevoda)
(DA)

GRINER, B.M. [Trees and shrubs suitable for outdoor growing in the European part of the U.S.S.R.; manual for students] Derev'ia i kustarniki, prigodnye dlia vyrashchivaniia v otkrytom grunte Evropeiskoi chasti SSSR; spravochnik dlia studentov. Moskva, [-i Mosk. med. in-t.
No. 1 1960. 127 p.

GROMOV, N.G. [Meadow mushrooms] Shampin'ony. Izd. 2., perer. i dop. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 175 p.
(DA)

GUBIN, V.A. [School apiary] Shkol'naia paseka. Moskva, Gos. izd-vo detskoi lit-ry M-va prosv. RSFSR, 1960. 100 p. (Bibliotechka pionera "Znai i umei")

GUSEV, V.I., and others. [Forest entomology] Lesnaia entomologiia. Izd. 4., perer. Pod obshchim rukovodstvom i red. V.I. Guseva. Moskva, Goslesbumizdat, 1961. 486 p.

GUZINSKII, D. IA., G.K. VASKAN, and V.P. POLIKARPOV. [Orchards on the Dniester terraces, development of fruit culture on the "Put' k kommunizmu" Collective Farm in Dubossary District] Sady na terrasakh Dnestra, iz opyta razvitiia sadovodstva kolkhoza "Put' k kommunizmu" Dubossarskogo raiona. Kishinev, Gos. izd-vo "Kartia moldovenaske," 1961. 59 p.
(DA)

[HANDBOOK FOR AGRONOMISTS OF THE NON-CHERNOZEM ZONE] Spravochnik agronoma nechernozemnoi polosy. Moskva, Gos. izd-vo sel'khoz. lit-ry.
Vol. 1. 1960. 687 p.
(DA)

[HOW TO CONTROL THE AMERICAN FALL WEBWORM] Kum se luptem ympotriva fluturelui alb american, material metodic. Kishineu, Editura de partid a comitetului chentral al pk al Moldovei, 1961. 26 p. [In Moldavian.]
(DA)

IAREMENKO, M.K. [Surface ensilage under a plastic film cover sealed by means of vacuum] Opyt nazemnogo silosovaniia kormov pod plastmassovoi plenkoi s uplotneniem posredstvom vakuuma. Moskva, Izd-vo M-va sel'. khoz. SSSR, 1960. 41 p.
(DA)

ISKHAKOV, IU.I. [Development of cotton growing in Uzbekistan] Razvitie khlopkovodstva v Uzbekistane. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1960. 287 p.
(CU)

KAMENDROVSKII, A.A. [Tomatoes in Kostroma Province] Tomaty v Kostromskoi oblasti. [Kostroma] Kostromskoe knizhnoe izd-vo, 1960. 30 p.
(DA)

KAPATSINSKAIA, A.A. [Sheep farming in Gorkiy Province] Ovtsevodstvo Gor'kovskoi oblasti. [Gor'kii] Gor'kovskoe knizhnoe izd-vo, 1960. 174 p.
(DA)

KARADZHI, G.M. [Grapes on the walls and on fences] Vinograd u sten zdanii i ograd. Kishinev, Gos. izd-vo "Kartia moldovenaske," 1961. 54 p.
(DA)

KARELIN, T.I., and V.V. OGNEV. [The most important of the wild forage grasses in the Komi A.S.S.R.; biological characteristics of their evolution, their gathering, and utilization] Vazhneishie dikorastushchie kormovye travy Komi ASSR; biologicheskie osobennosti ikh razvitiia, sbor i ispol'zovanie. Syktyvkar, Komi Gos. izd-vo, 1949. 43 p.
(ICMILC)

KARPENKO, A.F., and N.V. DOBRIAKOV. [Planning green fodder production; handbook on the methods of practical work for the course "Production organization in socialist agricultural enterprises" given by the Department of Animal Husbandry] Planirovanie selenogo konveiera; uchebno-metodicheskoe posobie dlia provedeniia prakticheskikh zaniatii po kursu "Organizatsiia proizvodstva v sotsialisticheskikh sel'skokhoziaistvennykh predpriiatiiakh" na zootekhnicheskom fakul'tete. Novosibirsk, Novosibirskii sel'khoz. in-t, 1961. 5 p.
(DA)

KARPENKO, A.F., and N.V. DOBRIAKOV. [Planning replacements in a poultry flock and the output of poultry products; handbook on the methods of practical work for the course "Production organization in socialist agricultural enterprises" given by the Department of Animal Husbandry] Planirovanie vosproizvodstva stada ptitsy i vykhoda produktsii ptitsevodstva; uchebno-metodicheskoe posobie dlia provedeniia prakticheskikh zaniatii po kursu "Organizatsiia proizvodstva v sotsialisticheskikh sel'skokhoziaistvennykh predpriiatiiakh" na zootekhnicheskom fakul'tete. Novosibirsk, Novosibirskii sel'khoz. in-t, 1961. 11 p.
(DA)

KERDIVARENKO, A.P. [Farm mechanization in Moldavia during the seven-year plan] Mekanizar agrikulturii Moldovei yn septenal. Traduchere de V. Zhavrotskii. Kishineu, de stat "Kartia moldovenaske," 1961. 120 p. [In Moldavian.]

KHLUDENEV, A.I. [Organizing and establishing norms for mechanized operations in vegetable growing] Organizatsiia i normirovanie mekhanizirovannykh rabot v ovoshchevodstve. Moskva, Gos. izd-vo sel'skokhoz. lit-ry, 1960. 199 p.
(DA)

KHOKHLOV, V.K. Anfushka. Moskva, Gos. izd-vo polit. lit-ry, 1961. 35 p. (Geroi i podvigi)

KHRUSHCHEV, N.S. [Improving the welfare of the people and the task of further increasing the output of agricultural products; a speech at the plenum of the Central Committee of the CPSU, January 17, 1961] Povyshenie blagosostoianiia naroda i zadachi dal'neishego uvelicheniia proizvodstva sel'skokhoziaistvennykh produktov, rech' na Plenume TsK KPSS 17 ianvaria 1961 goda. Moskva, Gospolitizdat, 1961. 110 p.
(DS)

KOCHETOVA, N.V. [Growing white clover for seed] Klever belyi na semena. [Moskva] Mosk. rabochii, 1960. 64 p.
(DA)

KOCHKIN, I.F. [Preparing seeds for sowing] Podgotovka semian k posevu. [Moskva] Mosk. rabochii, 1961. 21 p. (Bibliotechka kukuruzovoda-mekhanizatora)
(DA)

KONKIN, IU.A. [Depreciation of machinery in agriculture, economic principles for determining the life of tractors and machinery in agriculture] Amortizatsiia tekhniki v sel'skom khoziaistve, ekonomicheskie osnovy opredeleniia srokov sluzhby traktorov i mashin v sel'skom khoziaistve. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 174 p.
(DA)

KOROSTELEV, N.B. [Incident on a livestock farm] Sluchai na ferme. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 70 p. Bibliotechka shkol'nika.

KOROTKOV, S.K. [Hymn to corn] Gimn kukuruze. Cheboksary, Chuvashskoe gos. izd-vo, 1961. 39 p.
(DA)

KOSMORTOV, V.A. [Growing potatoes in the Komi A.S.S.R.] Agrotekhnika kartofelia v Komi ASSR. Syktyvkar, Komi gos. izd-vo, 1950. 23 p.
(ICMILC)

KUZ'MISHCHEV, A.P. [How to increase labor productivity in agriculture] Kak povysit' proizvoditel'nost' truda v sel'skom khoziaistve. [Novosibirsk] Novosibirskoi knizhnoe izd-vo, 1960. 75 p. (Ekonomicheskaia bibliotechka kolkhoznika i rabochego sovkhoza)

LAPIROV, A.I. [Asparagus] Sparzha. [Leningrad] Lenizdat, 1961. 16 p.
(DA)

LEONT'EV, V.M. [Lentils] Chechevitsa. Izd. 2., perer. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 99 p.
(CU)

[LIQUID NITROGEN FERTILIZERS AND THEIR USE; collection of articles translated from foreign periodical literature] Zhidkie azotnye udobreniia i ikh primenenie; sbornik perevodov iz inostrannoi periodicheskoi literatury. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 436 p.

LIUBIMOV, S.P., V.A. TSAREV, and IU.D. CHERNICHENKO. [Resources of virgin lands are for the people] Bogatstva tseliny - narodu. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 101 p.
(DA)

LIVANOV, K.V. [Forage crops in the trans-Volga region] Kormovye kul'tury v Zavolzh'e. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1950. 189 p.
(DA)

MALASHEVICH, V.I. [Cost of sugar beet production and how to reduce it] Sebestoimost' sakharnoi svekly i puti ee snizheniia. [Tula] Tul'skoe knizhnoe izd-vo, 1960. 86 p. (Na ekonomicheskie temy)
(DA)

MALIUTIN, N.I. [Perennial larkspurs] Mnogoletnie del'finiumy. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1960. 66 p.
(DA)

MARINICH, P.E. [Outstanding Soviet plant breeders] Vydaiushchiesia sovetskie selektsionery. Moskva, Izd-vo "Znanie," 1961. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 5, Sel'skoe khoziaistvo, no. 13)

MARKOV, I.A. [Heroic work of Sameti villagers; a propagandist's account] Podvig Sameti; rasskaz propagandista. [Kostroma] Kostromskoe knizhnoe izd-vo, 1960. 24 p.
(DA)

MELEKHOV, I.S. [Improvement cuttings and forest regeneration in the North] Rubki i vozobnovlenie lesa na Severe. [Arkhangel'sk] Arkhangel'skoe knizhnoe izd-vo, 1960. 198 p.
(DA)

MEL'NIKOV, S. V., and S. P. RYKHTIKOV. [Over-all mechanization of corn cultivation on the "Bol'shevik" State Farm in Lomonosov District, Leningrad Province] Opyt kompleksnoi mekhanizatsii vozdelyvaniia kukuruzy v sovkhoze "Bol'shevik", Lomonosovskii raion Leningradskoi oblasti. Moskva, Gos. izd-vo sel'khoz lit-ry, 1960. 50 p.
(DA)

MIROFANOV, A. S., and M. M. ROZHKOV. [Spring and winter vetch] Vika iarovaia i ozimaia. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 101 p.
(DA)

MOSCOW. VSESOIUZNAIA SEL'SKOKHOZIAISTVENNAIA VYSTAVKA, 1954. [Cattle at the All-Union Agricultural Exhibition of 1954, catalog] Krupnyi rogatyi skot na Vsesoiuznoi sel'skokhoziaistvennoi vystavke 1954 goda. Katalog. Moskva, Gos. izd-vo sel'khoz lit-ry, 1955. 73 p.

MURATOV, D. G. [The new collective-farm village] Novoe kolkhoznoe selo. Moskva, Izd-vo Znanie, 1960. 44 p.
(DBC)

MUSATOV, A. I. [Along a new path] Po pervoputku. Moskva, Izd-vo "Znanie," 1961. 41 p.
(DA)

MUSATOV, V. N. [At increased speeds] Na povyshennykh skorostiakh. [Moskva] Mosk. rabochii, 1961. 28 p. (Bibliotechka kukuruzovoda-mekhanizatora)

NASYPAIKO, V. M., and IU. T. ISAROV. [Varieties and seeds, seed production of grain, pulse, and oilcaginous crops in the southern Ukraine] Sort i semena; semenovodstvo zernovykh, zernobobovykh i maslichnykh kul'tur na iuge Ukrainy. Predisl. i obshchaia red. F. G. Khichenko. [Odessa] Odesskoe knizhnoe izd-vo, 1960. 243 p.
(DA)

NIKITIN, P. A. [Argudan millions] Argudanskie milliony. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1960. 84 p.
(DA)

NIZHEGORODOV, A. I. [People, machinery, and crop yields] Liudi, tekhnika, urozhai. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 46 p.
(DA)

PAIKIN, D. M. [Recent developments in the protection of agricultural plants against pests] Novoe v zashchite sel'skokhoziaistvennykh rastenii ot vrednykh organizmov. Leningrad, Ob-vo po raspr. polit. i nauchn znanii RSFSR, Leningr otd-nie, 1960. 50 p.
(DA)

PAUKOV, S. M. [Over-all mechanization of a dairy farm] Kompleksnaia mekhanizatsiia molochnoi fermy. [Moskva] Mosk. rabochii, 1961. 35 p. (Liudi, dela, plany)
(DA)

[PEAS] Gorokh. [Moskva] Mosk. rabochii, 1961. 21 p. (Bibliotechka polevoda)
(DA)

[PERENNIAL GRASSES: clover, timothy grass, alfalfa, bird's foot trefoil] Mnogoletnie travy: klever, timofeevka, liutserna, liadvenets rogatyi. [Moskva] Mosk. rabochii, 1961. 29 p. (Bibliotechka polevoda)
(DA)

[PLANTING A SECOND FORAGE CROP IN SUMMER] Povtornye posevy kormovykh kul'tur. [Moskva] Mosk. rabochii, 1961. 18 p. (Bibliotechka polevoda)
(DA)

PLETNEV, V. S. [Work of grade 5-7 students in agriculture, from the experience of the Kursk Province Schools] Trud uchashchikhsia V-VII klassov v sel'skokhoziaistvennom proizvodstve, iz opyta raboty shkol Kurskoi oblasti. Pod red. A. E. Stavrovskogo. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1957. 56 p. (Pedagogicheskie chteniia)

POLEVITSKII, K. A. [Agricultural machines and implements] Sel'skokhoziaistvennye mashiny i orudiia. Izd. 2., perer. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1946. 508 p. (Uchebniki i uchebnye posobiia dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii)
(CU)

POLYNSKII, P. A. [The road to skill; sketch] Put' k masterstvu; ocherk. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 31 p.
(DA)

POPOVSKII, M. A. [Living grain] Zhivoe zerno. Moskva, Gos. izd-vo polit. lit-ry, 1961. 31 p. (Geroi i podvigi)
(DA)

[POTATOES] Kartofel'. [Moskva] Mosk. rabochii, 1961. 57 p. (Bibliotechka polevoda)
(DA)

PREZENT, I. L. [I. V. Michurin and his theories] I. V. Michurin i ego uchenie. Moskva, Akad. nauk, 1961. 192 p.
(MH)

[PULSE CROPS] Zernovye bobovye kul'tury, sbornik statei. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 479 p.
(CU)

[RECENT DEVELOPMENTS IN VEGETABLE GROWING] Novoe v ovoshchevodstve. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 118 p.
(DA)

[REFERENCE BOOK FOR FORESTERS] Spravochnik lesnichego. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 894 p.
(DA)

REMEZOV, N. P. Vladimir Vasil'evich Gemmerling. [Moskva] Izd-vo Mosk. univ., 1961. 57 p. (Zamechatel'nye uchenye Moskovskogo universiteta)

[RESEARCH ACHIEVEMENTS OF THE NORTHERN CAUCASUS REGIONAL RESEARCH INSTITUTE OF FRUIT CULTURE AND VITICULTURE] Severo-Kavkazskii zonal'nyi nauchno-issledovatel'skii institut sadovodstva i vinogradarstva. Itogi nauchno-issledovatel'skoi raboty. [Krasnodar] Krasnodarskoe knizhnoe izd-vo, 1959. 335 p.

RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po avtomatizatsii i mashinostroeniiu. [Machine milking. Translated from the Swedish] Mekhanizatsiia doenila. Moskva, TSentr. biuro tekhn. informatsii, 1960. 46 p.
(DA)

RUSSIA (1923- U. S. S. R.) Ministerstvo sel'skogo khoziaistva. [Safety rules in animal husbandry] Pravila tekhniki bezopasnosti v zhivotnovodstve. Moskva, Izd-vo M-va sel'. khoz. SSSR, 1961. 90 p.
(DA)

RYBIN, V. A. [Methods for the vegetative propagation of walnut] Sposoby vegetativnogo razmnozheniia gretskogo orekha. Kishinev, Izd-vo "Shtiintsa" Moldavskogo filiala Akad. nauk SSSR, 1961. 28 p.
(DA)

SABANEEV, L. P. [Fishing calendar] Rybolovnyi kalendar' [Riazan'] Riazanskoe knizhnoe izd-vo, 1961. 180 p.
(DA)

SHAFRANSKII, T. P. [Transplanting trees in winter] Peresadka derev'ev zimoi. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 79 p.
(DA)

SHALIN, P. V. [New efficient technology of plowing] Novaia effektivnaia tekhnologiia vspashki. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1960. 62 p. (Voprosy povysheniia kul'tury zemledeliia)
(DA)

SHAUTSUKOV, Z. KH. [Simultaneous cultivation of corn interrows and the immediate area around the plants] Odnovremennaia mekhanizirovannaia obrabotka mezhdurindii i zashchitnykh zon posevov kukuruzy. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1960. 54 p.
(DA)

SHEBANIN, I. V. [What we gain from green fallows] Chto daiut zaniatye pary. [Tula] Tul'skoe knizhnoe izd-vo, 1960. 21 p. (Bibliotechka polevoda)
(DA)

SHIRIAEV, V. V. [Giving instructions on starting engines and driving tractors; lessons for groups of tractor and machinery operators] Obuchenie uchashchikhsia pusku dvigatelei i vozhdeniiu traktorov; individual'nye zaniatiia s gruppami traktoristov-mashinistov. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 30 p.
(DA)

SKORIKOVA, O. A. [Sawflies, pests of fruits and berries] Pilil'shchiki, vrediashchie plodovo-tagodnym kul'turam. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 72 p.
(DA)

SKOROBOGATOV, V. E., and E. A. DZARAKHOKHOVA. [A self-made man from Kokterekskiy District] Samorodok Kokterekа. Moskva, Gos. izd-vo polit. lit-ry, 1961. 30 p. (Geroi i podvigi)

SMIRNOV, N. A. [Essential link; sketch about Aleksei Baranov, a member of the Communist Youth League and a leading promoter of mechanized corn cultivation] Osnovnoe zveno; ocherk o peredovom tul'skom mekhanizatore kukuruzovodstva komsomol'tse Alekseе Baranove. [Tula] Tul'skoe knizhnoe izd-vo, 1960. 34 p. (Bibliotechka aktivista zhivotnovodstva)
(DA)

SOLNTSEV, K. M. [Antibiotics in the feeding of farm animals] Antibiotiki v kormlenii sel'skokhoziaistvennykh zhivotnykh. Minsk, Gos. izd-vo BSSR po sel'khoz lit-ry, 1960. 116 p.
(DA)

SOVESHCHANIE PEREDOVIKOV SEL'SKOGO KHOZIAISTVA NECHERNOZEMNOI ZONY, Moscow, 1961. [Leading agricultural workers talk about their experience, materials of the Conference of Leading Agricultural Workers of the non-Chernozem Zone, Moscow, 1961] Peredoviki sel'skogo khoziaistva o svoem opyte, materialy. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1961. 187 p.
(DA)

SOVESHCHANIE PEREDOVIKOV SEL'SKOGO KHOZIAISTVA SEVERNOGO KAVKAZA, Rostov-on-Don, 1961. [Leading agricultural workers talk about their experience; materials of the Conference of Leading Agricultural Workers of Northern Caucasus, Rostov-on-Don, 1961] Peredoviki sel'skogo khoziaistva o svoem opyte; materialy. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1961. 124 p.
(DA)

SOVESHCHANIE PEREDOVIKOV SEL'SKOGO KHOZIAISTVA SIBIRI, Novosibirsk, 1961. [Leading agricultural workers talk about their experience; materials of the Conference of Leading Agricultural Workers of Siberia, Novosibirsk, 1961] Peredovikи sel'skogo khoziaistva o svoem opyte; materialy. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 182 p.
(DA)

SOVESHCHANIE PEREDOVIKOV SEL'SKOGO KHOZIAISTVA TSENTRAL'NOI CHERNOZEMNOI ZONY, Voronezh, 1961. [Leading agricultural workers talk about their experience, materials of the Conference of Leading Agricultural Workers of the Central Black Earth Region, Voronezh, 1961] Peredovikи sel'skogo khoziaistva o svoem opyte; materialy. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1961. 125 p.
(DA)

[STOCKBREEDING; cattle] Skotovodstvo, krupnyi rogatyi skot. V dvukh tomakh. Moskva, Gos. izd-vo sel'khoz lit-ry.
Vol. 1. 1961. 420 p.
Vol. 2. 1961. 315 p.
(DA)

[SUGAR BEET AS FEED] Sakharnaia svekla na kormovye tseli. [Moskva] Mosk. rabochii, 1961. 27 p.
(DA)

SVETASHOV, A. T. [Correct way for irrigating corn] Kak pravil'no poltivat' kukuruzu. [Makhachkala] Dagestanskoe izd-vo, 1959. 24 p. (Bibliotechka kukuruzovoda)
(DA)

TASHKENT. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT KHLOPKOVODSTVA. [Nutrition and biology of cotton] Voprosy pitaniia i biologii khlopchatnika; sbornik nauchnykh rabot. Pod red. M. I. Tadzhiev. Tashkent, 1960. 181 p.
(CU)

TATARSKII, A. A. [Sheep dogs in sheep farming] Pastush'i sobaki v ovtsevodstve. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 70 p.
(DA)

TATINTSIAN, S. V. [Surface enrichment of corn] Nazemnoe sposob silosovaniia kukuruzy. [Makhachkala] Dagestanskoe knizhnoe izd-vo, 1959. 12 p. (Bibliotechka kukuruzovoda)
(DA)

TRET'IAKOV, N. N. [How to prepare fields for corn] Kak gotovit' polia pod kukuruzu. [Moskva] Mosk. rabochii, 1961. 15 p. (Bibliotechka kukuruzovoda-mekhanizatora)
(DA)

VARSHAVS'KYI, B. IA., S. I. KUZ'MYCH, and O. F. OSHAKOV. [Practices of growing monospermous sugar beets] Dosvid vyroshchuvannia odnonasinnykh tsukrovykh buriakiv. Kyiv, 1961. 42 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 5, no. 3)

VASSERMAN, Z. N., and R. T. SMOL'IAKOV. [Economical and simple livestock buildings] Prostelshie i ekonomichnye zhivotnovodcheskie postroiki. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1961. 80 p.
(DA)

VASTEROV, N. G. [Fur farming] Zverovodstvo. Moskva, Izd-vo TSentrosoiuza, 1961. 270 p.

VEREDCHENKO, IU. P. [Agrophysical characteristics of soils in the central part of the Krasnoyarsk Territory] Agrofizicheskaia kharakteristika pochv tsentral'noi chasti Krasnoiarskogo kraia. Moskva, Izd-vo Akad. nauk SSSR, 1961. 176 p.

VERESHCHAGIN, E. V., and O. G. KISKINA. [Acacia and plum pseudoscales and their control in plum orchards] Akatsievaia i slivovaia lozhnoshchitovki i mery bor'by s nimi v slivovykh sadakh. Kishinev, Izd-vo "Shtiintsa" Moldavskogo filiala AN SSSR, 1960. 20 p.
(DA)

VINOGRADOV, A.I. [We follow the course of new developments, Lenin Collective Farm in Olenino District is introducing recommendations of the Economic Conference of Kalinin Province] Novoe - nashkurs, Oleninskii kolkhoz imeni Lenina vnedriaet rekomendatsii oblastnoi ekonomicheskoi konferentsii. [Kalinin] Kalininskoe knizhnoe izd-vo, 1961. 21 p.
(DA)

VOITOV, P. I. [Care of corn fields] Ukhod za posevami. [Moskva] Mosk. rabochii, 1961. 21 p. (Bibliotechka kukuruzovoda-mekhanizatora)
(DA)

VOROB'EV, S. A. [High standards of agriculture lead to high crop yields] Kul'tura zemledeliia - put' k vysokim urozhaiam. Moskva, Izd-vo VPSh i AON pri Tsk KPSS, 1960. 67 p.
(DA)

VSESOIUZNAIA AKADEMIIA SEL'SKOKHOZIAISTVENNYKH NAUK IMENI V. I. LENINA. [Farming system in the Southeast] Sistema vedeniia sel'skogo khoziaistva na Iugo-Vostoke. Moskva, Gos. izd-vo sel'khoz lit-ry, 1960. 428 p.
(DA)

[WINTER WHEAT] Ozimaia pshenitsa. [Moskva] Mosk. rabochii, 1961. 19 p. (Bibliotechka polevoda)
(DA)

ZAFREN, S. IA. [Prepare corn ensilage properly] Pravil'no silosuite kukuruzu. [Moskva] Mosk. rabochii, 1961. 27 p. (Bibliotechka kukuruzovoda-mekhanizatora)
(DA)

ZALOV, M. [Study and work belong together; corn growing by school work brigades of Babayurt and Khasavyurt Districts] Ucheba i trud vmeste zhivut, iz opyta vozdelyvaniia kukuruzy shkol'nymi proizvodstvennymi brigadami Babaiurtovskogo i Khasaviurtovskogo raionov. [Makhachkala] Dagestanskoe knizhnoe izd-vo, 1959. 23 p. (Bibliotechka kukuruzovoda)
(DA)

ZHDANOVICH, V. M. [Guarantee of high crop yields, accumulation and utilization of local fertilizers on White Russian collective farms] Zalog vysokogo urozhaia, iz opyta nakopleniia i primeneniia mestnykh udobrenii v belorusskikh kolkhozakh. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 31 p.
(DA)

16. TECHNOLOGY

ABRAMOV, F. G., and others. [Replacing bronze and babbit with zinc alloys; practices of repair shops and stations for locomotives and railroad cars] Primenenie tsinkovogo splava vzamen bronz i babbitov; opyt lokomotivo-vagonoremontnykh zavodov i depo. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 71 p.

ABRAMSON, IA. P., N. N. GRACHEVA, and L. S. SHATS. [Gas carbonitriding of steel parts with triaminoethanol] Gazovaia nitrotsementatsiia stal'nykh detalei trietanolaminom. Leningrad, 1961. 15 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Metallovedenie i termicheskaia obrabotka, no. 2)

ABROSIMOV, A. A., and A. A. TARBOV. [The "Kovrovets-175" motorcycles] Mototsikl "Kovrovets-175." Moskva, Gos. izd-vo "Fizkul'tura i sport," 1961. 126 p.

[ADVANCED FORGING PRACTICE] Peredovoi opyt kovki. Pod red. P. V. Kamneva. [Leningrad] Lenizdat, 1959. 246 p.
[MICROFILM]

AFANAS'EV, P. A. [Use of plastics in the manufacture of machinery] Primenenie plasticheskikh mass v mashinostroenii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 196 p.

AGAFONOV, P. F. [Use of X-ray diffraction analysis in the manufacture of machinery] Rentgenostrukturnyi analiz v mashinostroenii. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1959. 56 p. (Novoe v tekhnike)

AKADEMIIA BUDIVNYSTVA I ARKHITEKTURY URSR. Institut vprovadzhennia peredovoho dosvidu v budivnytstvo i tekhnichnoi informatsii. [Manufacture of prestressed hollow floor slabs] Izgotovlenie predvaritel'no napriazhennykh pustotnykh panelei perekrytii. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 11 p.

AKADEMIIA KOMMUNAL'NOGO KHOZIAISTVA. Leningradskii nauchno-issledovatel'skii institut. [Album of precast floor elements for major repairs of apartment houses] Albom sbornykh konstruktsii perekrytii dlia kapital'nogo remonta zhilykh domov. Leningrad, 1959. 20 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut betona i zhelezobetona, Perovo. [Instructions for manufacturing lightweight concrete using artificial porous aggregates and hardened "porized" cement] Instruktsiia po izgotovleniiu legkikh betonov na iskusstvennykh poristykh zapolniteliakh s porizovannym tsementnym kamnem. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 21 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut betona i zhelezobetona, Perovo. [Instructions for the manufacture and use of large nonautoclaved cellular cinder-concrete articles] Instruktsiia po proizvodstvu i primeneniiu krupnorazmernykh izdelii iz bezavtoklavnogo iacheistogo zolobetona. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 46 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Provisional instructions VU-17-59/NIIOMTP for the heat and moisture treatment of reinforced concrete and concrete articles in pressureless chambers] Vremennye ukazaniia po termovlazhnostnoi obrabotke zhelezobetonnykh i betonnykh izdelii v beznaporynykh kamerakh. VU-17-59/NIIOMTP. Moskva, Biuro tekhn. informatsii, 1959. 21 p.
[MICROFILM]

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Structural elements made of lean concrete] Stroitel'nye konstruktsii iz ottochennogo betona. Moskva, 1959. 15 p.
[MICROFILM]

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Tensioning reinforcement by an electrothermal method in the manufacture of prestressed-concrete elements] Natiazhenie armatury elektrotermicheskim sposobom pri izgotovlenii predvaritel'no napriazhennykh zhelezobetonnykh konstruktsii. Moskva, 1959. 70 p.
[MICROFILM]

AKADEMII STROITEL'STVA I ARKHITEKTURY SSSR. Institut osnovanii i podzemnykh sooruzhenii. [Instructions for deep vacuum pumping through bores and soil in lowering the water table] Ukazaniia po glubinnomu vakuumirovaniiu skvazhin i grunta pri vodoponizhenii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 41 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut stroitel'noi fiziki i ograzhdaiushchikh konstruktsii. [Temporary regulations on designs for natural lighting of exhibition rooms] Vremennye ukazaniia po proektirovaniiu estestvennogo osveshcheniia ekspozitsionnykh pomeshchenii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 53 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Zapadno-Sibirskii filial. [Instructions for the manufacture and use of disks for cutting up reinforced-concrete articles] Instruktsiia po izgotovleniiu i ekspluatatsii diskov dlia razrezki zhelezobetonnykh izdelii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 29 p.

ALEKSANDROV, A. P., and A. IA. KUZNETSOV. [Practices of the construction of the Stalingrad Hydroelectric Power Station] Iz opyta stroitel'stva Stalingradskoi GES. Moskva, Orgenergostroi, 1960. 57 p. (Iz opyta energeticheskogo stroitel'stva)
[MICROFILM]

ALEKSEEV, K. A., and IU. I. OMEL'IANENKO. [Operation of the Kiev Television Center] Opyt ekspluatatsii Kievskogo televizionnogo tsentra. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1960. 31 p.
[MICROFILM]

ALIKHANOV, A. I., and others. [Heavy water experimental reactor for physical research] Opytnyi fizicheskii reaktor s tiazheloi vodoi. Moskva, 1955. 15 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

[ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF THE MEAT INDUSTRY] Vsesoiuznyi nauchno-issledovatel'skii institut miasnoi promyshlennosti. Moskva, Glavniiproekt pri Gosplane SSSR, 1958. 10 p.

AMIIAN, V. A. [Increasing the output of oil wells] Povyshenie proizvoditel'nosti skvazhin. Pod red. L. M. Murav'eva. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 302 p.

ANDREEV, A. N. [Running-in parts of internal combustion engines using a sulfured lubricant] Pritabotka detalei dvigatelei vnutrennego sgoraniia i maslin na osernennom masle, stenogramma lektsii, prochitannoi na seminare slesarei-aborshchikov. Leningrad, 1961. 25 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Seriia: Mekhanicheskaia obrabotka metallov)

ANDREOLETTI, V. K. [Some characteristic features of electric assembly operations in the construction of large-panel apartment houses] Nekotorye kharakternye osobennosti elektromontazhnykh rabot pri stroitel'stve krupnopanel'nykh zhilykh domov, opyt tresta "Elektromontazh-55" Glavleningradstroia. Leningrad, 1961. 21 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Stroitel'naia promyshlennost', no. 4)

ANTIPOV, N. I., and D. A. GOSUDAREV. [Operation of motortrucks with low load capacity] Ekspluatatsiia avtomobilei malot gruzopod"emnosti. Moskva, nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 42 p. (Obmen tekhnicheskim opytom avtotransportnykh predpriiatii)

ANTONOV, A. V., and others. [Neutron diffusion in beryllium, graphite, and water studied by the pulse method] Izuchenie diffuzii neitronov v berillii, grafite i vode impul'snym metodom. Moskva, 1955. 27 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

ARKHIPOV, G. V. [Automatic control of ventilation and air conditioning; essential engineering circuits of automatic control systems] Avtomaticheskoe regulirovanie ventiliatsii i konditsionirovaniia vozdukha., printsipial'nye tekhnologicheskie skhemy sistem avtomaticheskogo regulirovaniia. Moskva, Gos. energ. izd-vo, 1961. 175 p. (Biblioteka po avtomatike, no. 26)

ARTEM'EV, A. V., and A. A. VOSKRESENSKII. [Loading and unloading machines and mechanisms] Pogruzochno-razgruzochnye-mashiny i mekhanizmy. Moskva, Izd-vo "Rechnoi transport," 1961. 409 p.

ARUTIUNOV, A. I. [Low temperature separation of natural gas] Nizkotemperaturnaia separatsiia prirodnogo gaza. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 48 p. (V pomoshch' rabotnikam gazovoi promyshlennosti)

[AUTOMATIC OPTIMIZATION OF CONTROL SYSTEMS. Translated from the English. Preface by B. N. Petrov] Avtomaticheskaia optimizatsiia upravliaemykh sistem. Moskva, Izd-vo inostr. lit-ry, 1960. 239 p.

[AUTOMATION; collection of articles in English] Avtomatika; sbornik tekstov na angliiskom iazyke. Podbor tekstov, kommentarii i slovar' L. A. Luzhnykh i I. N. Sterligova. Moskva, Izd-vo lit-ry na inostr. iazykakh, 1961. 129 p. [Text in English, preface in Russian, and vocabulary.]

AVDON'KIN, F. N. [Repair of motor vehicles] Remont avtomobilei. Pod red. D. G. Vadivasova. [Saratov] Saratovskoe knizhnoe izd-vo, 1961. 535 p.

AVINOVITSKII, I. IA. [Connection of cables] Soedinenie kabelei. Moskva, Gos. energ. izd-vo, 1961. 44 p. (Biblioteka elektromontera, no. 40)

BAKULIN, V. G. [Test well drilling; practice of petroleum workers of the Krasnodar Economic Region] Poiskovoe burenie; opyt neftianikov Krasnodarskogo ekonomicheskogo raiona. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 86 p. (Obmen peredovym tekhnicheskim opytom)

BALTER, M. A., and V. I. MUZHIKOVA. [Bright annealing of steel articles in hot alkaline media] Svetlaia zakalka stal'nykh izdelii v goriachikh shcholochnykh sredakh. Leningrad, 1961. 20 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Metallovedenie i termicheskaia obrabotka, no. 37)

BAS'IAS, I. P., and A. I. CHERNOGOLOV. [Open-hearth furnace regenerators] Regeneratory martenovskikh pechei. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii Sverdlovskoe otd-nie, 1961. 174 p.

BASIN, D. M., and A. I. KOZLOV. [Problems of efficiency in the hydrolysis industry] Voprosy ekonomicheskoi effektivnosti gidroliznoi promyshlennosti. Moskva, Goslesbumizdat, 1960. 124 p.

BAT', G. A. [Designs of heterogeneous reactors with a small number of moderator blocks] Raschety geterogennykh reaktorov s nebol'shim chislom blokov. Moskva, 1955. 8 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

BEDEL', V. K. [Low-pressure casting] Lit'e pod nizkim davleniem. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 227 p

BEKIRBAEV, B. D. [Present-day means of preventing coal dust explosions] Sovremennye sposoby preduprezhdeniia vzryvov ugol'noi pyli. Moskva, Gos nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 46 p. (Serlia lektsii po tekhnike bezopasnosti)

BEL'CHUK, G. A. [Technological features of the Argon arc welding of aluminum and its alloys with steel, verbatim report of a lecture delivered at the Leningrad House of Scientific and Technical Propaganda in a city seminar on metal welding] Tekhnologiia argonodugovoi svarki aliuminiia i ego splavov so stal'iu, stenogramma lektsii, prochitannoi v LDNTP na obshchegorodskom seminare po svarke metallov. Leningrad, 1961 15 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Serila: Svarka i paika metallov, no. 5)

BELIAEV, M. F. [Portable machine for machining guides of large machine tools with cutters equipped with powder-metal tips] Perenosnyi stanok dlia obrabotki napravliaiushchikh krupnykh metallorezhushchikh stankov frezami s mineralokeramicheskimi plastinkami. Leningrad, 1961. 16 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serlia· Mekhanicheskaia obrabotka metallov, no. 5)

BELOBROV, A. P. [Radio navigation phase systems in hydrography and oceanography] Fazovye radionavigatsionnye sistemy v gidrografii i okeanologii. Leningrad, Gidrometeor. izd-vo, 1961. 169 p.

BELOUSOV, N. N., and V. S. KOLESNIKOVA. [Saving scarce nonferrous alloys, survey] Ekonomiia defitsitnykh tsvetnykh splavov, obzor. Leningrad (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Serlia· Liteinoe proizvodstvo)
Pt. 1. 1961. 58 p.
Pt. 2. 1961. 52 p.

BELOV, V. S., and others. [Modern methods of broaching used abroad; survey compiled on the basis of foreign periodical literature in the field of the manufacture of machinery] Sovremennye metody protiagivaniia za rubezhom; obzor sostavlen po materialam zarubezhnoi periodicheskoi literatury v oblasti mashinostroeniia. Pod red. N. S. Acherkana. Moskva, Vses. in-t nauchnoi i tekhn. informatsii, 1961. 57 p.

BEREZHNOI, A. I. [Drilling fluids and cement slurries in oil well drilling; from drilling practice in the Tatar Economic Region] Promyvochnye zhidkosti i tsementnye rastvory v burenii skvazhin; iz opyta burenlia v Tatarskom ekonomicheskom raione. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 105 p.

BERSHIDSKII, A. KH., and N. K. BABKOV. [New developments in production planning of housing construction] Novoe v proizvodstvennom planirovanii zhilishchnogo stroitel'stva; stenogramma lektsii. Leningrad, 1961. 26 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Serlia: Stroitel'naia promyshlennost')

BERZIN, M. A. [ZhTU-3 railroad television system] Zheleznodorozhnaia televizionnaia ustanovka ZhTU-3. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 105 p.

BOGATSKII, D. P., and I. A. MINEEVA. [Phase rule and its application in the technology of metals; lectures for students of the engineering faculty] Pravilo faz i ego primenenie v tekhnologii metallov; lektsii dlia studentov inzhenernogo fakul'teta. Moskva, Vses. sel'khoz. in-t zaochnogo obrazovaniia, 1960. 39 p.

BOGUSHEVSKII, L. L., SH. L. LEL'CHUK, and A. V. FADEEVA. [Transparent films for packing food products, production abroad] Prozrachnye plenki dlia upakovki pishchevoi produktsii; sostoianie proizvodstva za rubezhom. Moskva, Vses. in-t nauchn. i tekhn. informatsii, 1958. 29 p.

BOIKEVICH, M. I. [Reception and checking-out of centralized traffic control devices; experience of communication workers of the Stalin Railroad] Priemka i regulirovka ustroistv dispetcherskoi tsentralizatsii, opyt kollektiva sviazistov Stalinskoi dorogi. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenlia, 1961. 29 p.

BOL'BERG, A. I. [Tools for assembly work (wrenches); survey] Instrumenty dlia slesarno-sborochnykh rabot (gaikoverty), obzor. Leningrad, 1961. 70 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Serlia· Mekhanicheskaia obrabotka metallov)

BONDAR', E. P. [Safety engineering guide for assemblers of reinforced-concrete structures] Pamiatka po tekhnike bezopasnosti dlia montazhnikov zhelezobetonnykh konstruktsii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 23 p. (Tekhnika bezopasnosti)

BORISENKO, A. I. [Protection of molybdenum from high-temperature gas corrosion] Zashchita molibdena ot vysokotemperaturnoi gazovoi korrozii. Otvet. red. A. A. Appen. Moskva, Izd-vo Akad nauk SSSR, 1960. 82 p.

BORISEVICH, S. P. [Double-wing sluice gates] Dvustvorchatye vorota shliuzov. Moskva, Gos. energ. izd-vo, 1961 144 p.

BORISOV, D. P., K. N. ERPYLOV, and A. IA. KORMILITSYN. [Automatic and remote control and communications in railroad transportation] Avtomatika telemekhanika i sviaz' na zheleznodorozhnom transporte. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenlia, 1961. 283 p.

BRANZBURG, E. Z., and S. T. SOKHRANSKII. [Installation of cables joints for lines with voltage ratings up to 35 kv.] Montazh kabel'nykh muft na napriazhenia do 35 kv. Moskva, Gos. energ. izd-vo, 1961. 359 p.

BRAUN, M. P., and others. [Plastic deformation and heat treatment of large steel alloy parts] Plasticheskaia deformatsiia i teplovaia obrabotka krupnykh izdelii iz legirovannykh stalei. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 216 p.

BRIUKHANOV, A. N., and others. [Technology of metals] Tekhnologiia metallov. Izd. 2., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959. 599 p.

BRONSHTEIN, M. M. [Electric and ultrasonic metal working] Elektricheskaia i ul'trazvukovaia obrabotka materialov. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1960. 28 p. (Novoe v tekhnike)

BRUK, M. V. [Ultrasonic welding of metals] Ul'trazvukovaia svarka metallov, stenogramma lektsii. Leningrad, 1961. 46 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Serlia: Elektrotekhnologiia i ul'trazvuk)

BRUK, S. I. [Practice of structural and technological development of drawings in the manufacture of machinery] Opyt konstruktivnoi i tekhnologicheskoi razrabotki chertezhei v mashinostroenii; stenogramma lektsii. Leningrad, 1961. 98 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Serlia. Organizatsiia i ekonomika proizvodstva)

BUKSHTEIN, D. I., S. I. PINTEL', and A. V. CHEPYCHENKO. [Methods of establishing standards for the expenditure of materials in construction] Metody normirovaniia material'nykh resursov v stroitel'stve; stenogramma lektsii. Leningrad, 1961. 19 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Serlia: Stroitel'naia promyshlennost')

BULANOV, I. F. [Semiautomatic winding machines] Namotochnye poluavtomaty. Leningrad, 1961. 20 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serlia: Pribory i elementy avtomatiki, no. 7)

BUNDAS, V. V. [Calculations in designing electric power supply systems; tables and graphs] Raschety pri proektirovanii elektrosnabzheniia; tablitsy i grafiki. Moskva, Gos. energ. izd-vo, 1961. 155 p.

CHASOVNIKOV, L. D. [Gear transmissions; tooth and worm gears] Peredachi zatseplenlem, zubchatye i cherviachnye. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 478 p.

CHEKRYGIN, I. G. [Manufacture for the automobile lubricator] Posobie smazchiku avtomobilei. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 62 p.

CHERNOGOROV, P. V., and IU. P. VASIN. [Making castings with a smooth surface] Poluchenie otlivok s chistoi poverkhnost'iu. Moskva, Gos. izd-vo mashinostroit. lit-ry, 1961. 143 p.

CHERTOK, B. E. [Laboratory work on the technology of metals] Laboratornye raboty po tekhnologii metallov. Moskva, Gos nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 181 p.

CHESTNOV, A. L. [Problems of metal finishing] Voprosy otdelochnoi obrabotki metallov. Moskva, Izd-vo Akad. nauk SSSR, 1961. 110 p.

CHUMACHENKO, I. I. [Marine internal-combustion engines] Sudovye dvigateli vnutrennego sgoraniia. Izd. 2. perer. i dop. Moskva, Izd-vo "Morskoi transport," 1960. 675 p.

CHURAIAN, A. L., and SH. A. DZHABUA. [Designs and units for large-panel buildings in earthquake districts] Konstruktivnye skhemy i uzly krupnopanel'nykh zdanii dlia seismicheskikh raionov. Pod red. S. IU. Dozirkevicha. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 236 p.

[COMBINED ROAD PLOWER AND SNOW PLOW, construction features, operation, and repair] Stroisnegoochistitel', ustroistvo, ekspluatatsiia i remont. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 94 p. (Bibliotechka putelsa-mekhanizatora)

[CONTROL SYSTEMS IN CROSSBAR AUTOMATIC TELEPHONE EXCHANGES] Upravliaiushchie ustroistva koordinatnykh ATS; informatsionnyi sbornik. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1961. 100 p. (Tekhnika sviazi za rubezhom)

DANILOV, P. P. [Safety engineering guide for operators of sand-blasting equipment] Pamiatka po tekhnike bezopasnosti dlia rabotaiushchikh s peskostruinymi apparatami. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 13 p. (Tekhnika bezopasnosti)

DANOVSKII, L. M., ed. [Track work in sections with heavy freight traffic; from the experience of the Omsk and Tomsk Railroads] Putevye raboty na gruzonapriazhennykh uchastkakh; iz opyta Omskoi i Tomskoi dorog. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenlia, 1961. 102 p.

[DEVELOPMENT OF OVER-ALL MECHANIZATION AND AUTOMATION IN INDUSTRY; practice of the work of economic councils] Razvitie kompleksnoi mekhanizatsii i avtomatizatsii v promyshlennosti; opyt raboty Sovnarkhozov. Moskva, Gosplanizat, 1961. 227 p. [MICROFILM]

D'IAKOV, V. I. [Standard designs of electric equipment, electrician's manual] Tipovye raschety po elektrooborudovaniiu; v pomoshch' tekhnikovym elektrikam. Izd. 2., perer. i dop. Pod red. B. V. Gotlinga. Moskva, Vses. uchebno-padagog. izd-vo Proftekhizdat, 1961. 125 p. (Biblioteka molodogo rabochego)

DITIATKOVSKII, IA. M., and I. V. FIRGER. [Cleaning parts with metal grit] Ochistka detalei metallicheskim peskom. Leningrad, 1961. 13 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serlia: Liteinoe proizvodstvo, no. 5)

DOBROVOL'SKII, V. A. [Designing machine parts; examples with detailed solutions] Raschet detalei mashin; primery s podrobnymi resheniiami. Izd. 3. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 389 p.

DOGANOVSKII, S. A. [Automatic self-regulating systems] Avtomaticheskie samonastraivaiushchiesia sistemy. Moskva, Izd-vo "Znanie," 1961. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 4, Tekhnika, no. 12) [MICROFILM]

DRABKIN, G. S., and others. [Automation of cement plants] Avtomatizatsiia tsementnykh zavodov. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 399 p.

DRUZHININ, V. A. [Hydraulic power units and devices with hydraulic clamps] Silovye gidroagregaty i prisposobleniia s gidravlicheskimi zazhimami. Leningrad, 1961. 18 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serlia: Mekhanicheskaia obrabotka metallov, no. 4)

DUBIN, Z. IU. [Manual of turpentine and rosin production] Posobie po smolo-skipidarnomu proizvodstvu. Moskva, Goslesbumizdat, 1961. 61 p.

DUBINSKII, A. M. [Calculating the bearing capacity of reinforced-concrete slabs] Raschet nesushchei sposobnosti zhelezobetonnykh plit. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 180 p.

DUBROVSKII, A. A. [Academician V. P. Goriachkin, a biographical account] Akademik V. P. Goriachkin, biograficheskii ocherk. Pod red. I. I. Artobolevskogo. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 140 p. (CU)

DZHALALIAN, E. S. [Safety measures for those working with ethyl gasoline] Pamiatka po tekhnike bezopasnosti dlia rabotaiushchikh s etilirovannym benzinom. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 19 p. (Tekhnika bezopasnosti)

DZHALIL-ZADE, G. N. [Ways of increasing rates of drilling of structure and prospect holes] Puti povysheniia skorostei bureniia strukturno-poiskovykh skvazhin. Baku, Azerbaidzhanskoe gos. izd-vo neft. i nauchno-tekhn. lit-ry, 1960. 60 p.

EGOROV, A. I. [Belts of coal formations and oil- and gas-bearing zones of the earth] Poiasa ugleobrazovaniia i neftegazonosnye zony zemnogo shara. [Rostov-na-Donu] Izd-vo Rostovskogo univ., 1960. 181 p.
_____ 13 maps

EIDINOV, M. S. [Design of tooth and worm gears] Raschet zubchatykh i cherviachnykh peredach. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 215 p.

EL'IASHKEVICH, S. A. [Elimination of faults in television receivers] Ustranenie neispravnostei v televizore. Izd. 3., perer. i dop. Moskva, Gos. energ. izd-vo, 1961. 205 p. (Massovaia radiobiblioteka, no. 387)

ELISEEV, E. N. [Automatic attachment for machining stepped rolls on the 1A62 lathe] Avtomaticheskoe ustroistvo dlia obtochki stupenchatykh valikov na stanke 1A62. Leningrad, 1961. 17 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Mekhanicheskaia obrabotka metallov, no. 7)

ELIZAROV, P. P. [Operation of high-pressure boiler systems on electric power plants] Ekspluatatsiia kotel'nykh ustanovok vysokogo davleniia na elektrostantsiiakh. Moskva, Gos. energ. izd-vo, 1961. 399 p.

ELIZAVETIN, M. A. [Mechanization and automation in the manufacture of machinery] Mekhanizatsiia i avtomatizatsiia v mashinostroenii. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 211 p. (Novaia tekhnika i peredovye metody truda)

ERGALIEV, A. E., and others. [Systems of working ore deposits of minor and average thickness] Sistemy razrabotki rudnykh mestorozhdenii maloi i sredneі moshchnosti. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1961. 205 p.

ERGLIS, K. E., and I. P. STEPANENKO. [Electronic amplifiers] Elektronnye usiliteli. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 487 p.

ERMAKOV, S. F. [Guide to the establishment of norms for loading and unloading operations] Posobie normirovshchiku pogruzochno-razgruzochnykh rabot. Moskva, Izd-vo "Rechnoi transport," 1961. 138 p.

FABRITSKII, KH. B., and S. M. LIUBMAN. [Reference book for establishing norms in the manufacture of furniture] Spravochnik normirovshchika mebel'nogo proizvodstva. Moskva, Goslesbumizdat, 1961. 279 p.

FAIN, F. A., and G. G. KLEIMAN. [Gauges for checking splined joints with a rectilinear face profile] Kalibry dlia kontrolia shlitsevykh soedinenii s priamobochnym profilem. Leningrad, 1961. 28 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Kontrol' kachestva produktsii, no. 5)

FEDOROV, L. V. [Television equipment at the 1960 Exhibition of the Achievements of the National Economy of the U.S.S.R.] Televizionnaia apparatura na VDNKh; ekspozitsiia 1960 g. Moskva, Gos. energ. izd-vo, 1961. 79 p. (Massovaia radiobiblioteka, no. 403)

FEDOROV, N. F. [Sewerage systems and structures; planning and design] Kanalizatsionnye seti i sooruzheniia; proektirovanie i raschet. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 314 p.

FEDOROV, N. F., and L. E. VOLKOV. [Hydraulic calculation relating to sewerage systems] Gidravlicheskii raschet kanalizatsionnykh setei; raschetnye tablitsy. Izd. 2., ispr. i dop. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1960. 241 p.

FEIGEL'SON, IA. L., M. S. PORTER, and V. I. ZAITSEV. [Making sectional hard-alloy dies] Opyt izgotovleniia sostavnykh tverdosplavnykh shtampov. Leningrad, 1961. 20 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Mekhanicheskaia obrabotka metallov, no. 2)

FEIGIN, G. D. [Organizing the storage and maintenance of iron mill rolls] Organizatsiia valkovogo khoziaistva. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie 1961. 116 p. (Obmen peredovym opytom)

FEL'DMAN, D. I. [Using capron in industry; practice of the Zaporozh'ye "Kommunar" Automobile Plant] Primenenie kaprona v promyshlennosti, opyt Zaporozhskogo avtomobil'nogo zavoda "Kommunar"; stenogramma lektsii. Leningrad, 1961. 43 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Seriia: Mekhanicheskaia obrabotka metallov)

FINKEL'SHTEIN, M. I. [Artificial lines] Iskusstvennye linii. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 84 p. (Radiolokatsionnaia tekhnika)

FITTERMAN, B. M. [Small automobiles; survey of designs] Mikroavtomobili; obzor konstruktsii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 270 p.

FRIEDLINA, R. KH., and SH. A. KARAPET'IAN. [Telomerization and new synthetic materials] Telomerizatsiia i novye sinteticheskie materialy. Moskva, Izd-vo Akad. nauk SSSR, 1961. 90 p. (Nauchno-populiarnaia serila)

FRUMIN, S. R., R. L. BLOKH, and V. V. BLAGOVESHCHENSKAIA. [Ceramic fluxes for automatic and semiautomatic welding of low-carbon steel] Keramicheskie flusy dlia avtomaticheskoi i polnavtomaticheskoi svarki nizkouglerodistoi stali. Leningrad, 1961. 23 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Svarka i paika metallov, no. 4)

FURMAN, I. IA. [Economic effectiveness of the use of natural gas as industrial fuel] Ekonomicheskaia effektivnost' ispol'zovaniia prirodnogo gaza kak promyshlennogo topliva. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 33 p. (V pomoshch' rabotnikam gazovoi promyshlennosti)

GACHKOVSKII, G. I. [Train dispatching under a central control system, practices of the Northern Caucasus Railroad] Opyt organizatsii dvizheniia poezdov pri dispetcherskoi tsentralizatsii; iz praktiki Severo-Kavkazskoi dorogi. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 20 p.

GAKICHKO, S. I. [Refrigeration and storage of the sprat Clupeonella engrauliformis (Borodin)] Kholodil'naia obrabotka i khranenie kaspiiskoi anchousovidnoi kil'ki; nauchnoe soobshchenie. Moskva, Gos. izd-vo torg. lit-ry, 1957. 22 p.

GALANIN, A. D. [Critical size of a heterogeneous reactor with a small number of moderator blocks] Kriticheskii razmer geterogennogo reaktora s malym chislom blokov. Moskva, 1955. 10 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

GALANIN, A. D. [Effectiveness of power regulators in thermal neutron reactors] Effektivnost' reguliatorov v reaktore na teplovykh neitronakh. Moskva, 1955. 11 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

GALANIN, A. D. [Using the method of effective boundary conditions for calculating the critical size of a reactor] Ispol'zovanie metoda effektivnykh granichnykh uslovii dlia rascheta kriticheskikh razmerov, reaktora. Moskva, 1955. 8 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

GALONEN, IU. M. [Urban passenger transportation] Gorodskoi passazhirskii transport. Moskva, Izd-vo "Znanie," 1961. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 4, Tekhnika, no. 11)

GAL'PERIN, M. I. [Mechanical means for breaking up frozen soils] Mekhanicheskie sposoby razrusheniia merzlykh gruntov; kratkaia stenogramma lektsii. Leningrad, 1961. 33 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Seriia: Stroitel'naia promyshlennost')

GANULICH, A. K. [Electronic simulating devices] Elektronnye modeliruiushchie ustroistva. Moskva, Gos. energ. izd-vo, 1961. 75 p. (Biblioteka po avtomatike, no. 33)

GARIAEV, A. L. [Cooling equipment of open-hearth furnaces; design and manufacturing process] Okhlazhdaemaia armatura martenovskikh pechei; konstruktsiia i tekhnologiia izgotovleniia. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii Sverdlovskoe otd-nie. 1961. 51 p. (Obmen peredovym opytom)

GARIAEV, A. L. [Repairing metal parts of technical equipment in metallurgical shops] Remont metallokonstruktsii tekhnologicheskogo oborudovaniia metallurgicheskikh tsekhov. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii Sverdlovskoe otd-nie, 1961. 38 p. (Obmen peredovym opytom)

GAVRILOV, N. V., and I. M. SKURIKHIN. [Brandy industry] Konʹiachnoe proizvodstvo. Moskva, Pishchepromizdat, 1959, 78 p. (Uchebnoe posobie dlia podgotovki kadrov massovykh professii)

GAVRILOVA, IU. P., and A. P. LEONT'EV. [Advanced practices in conveying small shipments] Peredovye priemy razvoza gruzov melkimi otpravkami. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 41 p.

GEL'MAN, A. S. [Technology and equipment for resistance welding] Tekhnologiia i oborudovanie kontaktnoi elektrosvarki. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 367 p.

GENKIN, B. A. [The APM-2 automatic program control unit] Avtomaticheskii programmnyi mekhanizm APM-2. Leningrad, 1961. 21 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Pribory i elementy avtomatiki, no. 4)

GERTSRIKEN, S. D., and I. IA. DEKHTIAR. [Using radioactive cobalt-60 for studying the diffusion of cobalt in cobalt-aluminum and cobalt-nickel-manganese alloys] Issledovanie diffuzii kobal'ta v splavakh kobal't—alliuminii i kobal't—nikel' - marganets s ispol'zovaniem radioaktivnogo izotopa kobal't-60. Moskva, 1956. 10 p. (Doklady, predstavlennye USSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

GESSEN, V. IU. [Faulty operation and its prevention in agricultural electric power networks] Avarilnye rezhimy i zashchita ot nikh v sel'skokhoziaistvennykh elektrosetiakh. Izd. 2., perer. i dop. Leningrad, Gos. izd-vo sel'khoz. lit-ry, 1961. 495 p.

GIDON, E. D., and Z. I. ALISANOVA. [New 30KhRA high-strength structural steel] Novaia vysokoprochnaia konstruktsionnaia stal' marki 30KhRA. Leningrad, 1961. 17 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Metallovedenie i termicheskaia obrabotka, no. 1)

GIRSHIN, P. I. [Automatic stops for textile machinery] Samoostanovy tekstil'nykh mashin. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 138 p.

GLIBERMAN, A. IA., and A. K. ZAITSEVA. [Silicon solar batteries] Kremnievye solnechnye batarei. Moskva, Gos. energ. izd-vo, 1961. 70 p. (Massovaia radiobiblioteka, no. 390)

GOGOLIN, A. A. [Air conditioning in stores and restaurants; survey of foreign equipment] Konditsionirovanie vozdukha v predpriiatiiakh torgovli i obshchestvennogo pitaniia; obzor zarubezhnoi tekhniki. Moskva, Gos. izd-vo torg. lit-ry, 1958. 97 p.

GOL'DENFUN, I. S., D. IA. VOLOVICH, and I. S. BABER. [Propane and butane are a substitute for acetylene for cutting metal in construction] Propan-butan - zamenitel' atsetilena dlia rezki metalla v stroitel'stve. Leningrad, 1961. 16 p. [Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Stroitel'naia promyshlennost', no. 11)

GOLUBEV, A. I. [Anodic oxidation of aluminum alloys] Anodnoe okislenie aliuminievykh splavov. Moskva, Izd-vo Akad. nauk SSSR, 1961. 198 p.

GORANSKII, G. K. [Efficient operation of machine tools] Ratsional'noe ispol'zovanie metallorezhushchikh stankov. Minsk, Gos. izd-vo BSSR, Red. nauchno-tekhn. lit-ry, 1960. 226 p.
[MICROFILM]

GRIGOR'EV, V. L. [Roof caving with the use of battery stulls] Bezorgannaia posadka krovli. [Lugansk] Luganskoe oblastnoi izd-vo, 1961. 37 p.

GRINTSEVICH, V. O., V. N IVANOV, and V. I MEL'NIKOV [Repair of the generators of mobile electric power plants and electric machinery for railroads experience of electric repair shops of the October Railroad] Remont generatorov peredvizhnykh zheleznodorozhnykh elektrostantsii i elektrospolnitel'nogo putevogo instrumenta, opyt elektromekhanicheskikh masterskikh Oktiabr'skoi dorogi. Moskva, Vses. izdatel'sko-poligr ob"edinenie M-va putei soobshcheniia, 1961 56 p.

GRISHAEV, V. I. [Ventilation of railroad tunnels] Ventilatsiia tonnelei na zheleznykh dorogakh. Moskva, Vses. izdatel'sko-poligr ob"edinenie M-va putei soobshcheniia, 1961 122 p.

GUDALIN, G. G. [How to search for copper ores] Kak iskat' mednye rudy. Moskva, Gos izd-vo geol lit-ry, 1952 23 p.

GUL', S. M., and others. [Laboratory manual of geodesy] Rukovodstvo dlia prakticheskikh zaniatii po geodezii. Moskva, Geslesbumizdat, 1960. 266 p.

GUREEV, A. A. [Automobile gasolines] Avtomobil'nye benziny Moskva, Gos nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961 158 p.

GUR'IANOV, A. P. [The P-66-5M and PU-66-5M spinning machines] Priadil'nye mashiny P-66-5M i PU-66-5M. Pod red. A. S Velikovskogo. Moskva, Izd-vo nauchno-tekhn lit-ry RSFSR, 1960. 104 p. (Novoe otechestvennoe oborudovanie)

GUSEV, A. A. [Using the radioactive indicator method in sanitary engineering] Opyt primeneniia metoda radioaktivnykh indikatorov v sanitarnoi tekhnike; stenogramma lektsii. Leningrad, 1961. 45 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Serila: Stroitel'naia promyshlennost')

[HOW TO APPLY FOR EFFICIENCY SUGGESTION CERTIFICATES] Kak oformliaetsia avtorstvo na ratsionalizatorskoe predlozhenie. Moskva, Gos. izd-vo jurid. lit-ry, 1961. 38 p. ([Uridicheskie konsul'tatsii dlia naselenia v voprosakh i otvetakh, no. 14)

IRYHORIEVA, V. V., and V. M. KLYMENKO [Chromium carbide base alloys] Splavy na osnovi karbidu khromu. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 54 p.

IABLONSKII, V. S. [Brief course of applied hydromechanics] Kratkii kurs tekhnicheskoi gidromekhaniki. Moskva, Gos. izd-vo fiziko-matem. lit-ry 1961. 355 p.

IAKOVCHUK, N. S., V. E. CHELNOKOV, and M. P. GEIFMAN. [Junction transistors] Ploskostnye tranzistory. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 262 p.

IAKOVLEV, G. N., and others. [Analytical hot laboratory] Goriachaia analiticheskaia laboratoriia. Moskva, 1958. 15 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

IAKOVLEV, P. IA., A. A. FEDOROV, and N. V. BUIANOV. [Analysis of data on metallurgical production, determination of microimpurities] Analiz materialov metallurgicheskogo proizvodstva; opredelenie mikroprimesei. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 316 p.

AVOD, Yaroslavl', 214, IAAZ-219, cks] Katalog zapas- 4, IAAZ-219, los. nauchno-tekhn 61. 457 p.

IATROV, S. N., I. E. GOL'DSHTEIN, and E. I. GLUSHCHENKO. [Natural drilling fluids for drilling gas wells under complex conditions] Estestvennye promyvochnye zhidkosti dlia burenila gazovykh skvazhin v oslozhnennykh usloviiakh. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 41 p. (Obmen peredovym tekhnicheskim opytom)

IBRAGIMOV, L. E., and CH. M. DZHUVARLY. [Problems concerning voltage regulation in electric networks] Voprosy regulirovaniia napriazhenila v elektricheskikh setiakh. Baku, Izd-vo Azad. nauk Azerbaidzhanskoi SSR, 1961. 192 p.

IL'IN, IAKOV. [Great assembly line; a novel] Bol'shoi konveier; roman. Moskva, Sovetskii pisatel', 1960. 424 p. (CU)

INTERNATIONAL CONFERENCE ON THE PEACEFUL USES OF ATOMIC ENERGY, 2d, Geneva, 1958. [Transactions. Selected reports by foreign scientists Izbrannye doklady inostrannykh uchenykh] Moskva, Izd-vo Glav. uprav. po ispol'zovaniiu atomnoi energ. p. i Sovete Ministrov SSSR.

Vol. 7. [Technology of atomic raw products] Tekhnologiia atomnogo syr'ia. Pod obshchei red. A. P. Zefirova. 1959. 656 p.

Vol. 8. [Geology of atomic raw products] Geologiia atomnogo syr'ia. Pod obshchei red. A. P. Vinogradova. 1959. 520 p.

Vol. 10. [Production and use of isotopes] Poluchenie i primenenie izotopov. Pod obshchei red. G. V. Kurdiumova. 1959. 603 p.

IORDAN, G. G., V. B. BRODSKII, and B. S. SOTSKOV. [Using radioactive isotopes for controlling technological processes] Primenenie radioaktivnykh izotopov dlia kontrolia tekhnologicheskikh protsessov. Moskva, 1955. 17 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

ISBAKH, A. A. [Life line] Linila zhizni, Moskva, Sovetskaia Rossiia, 1960. 141 p. (MH)

ISKOZ, B. B. [Welding objects of titanium and its alloys] Svarka izdelii iz titana i ego splavov. Leningrad, 1961. 19 p (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila: Svarka i paika metallov, no. 3)

IVANKOV, K. N., and M. A. SHAKHOV. [New high-strength structural steel 36KhNIMFA with low nickel content] Novaia vysokoprochnaia konstruktsionnaia stal' 36KhNIMFA s nizkim soderzhaniem nikelia. Leningrad, 1961. 17 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila: Metallovedenie i termicheskaia obrabotka, no. 4)

IVANOV, V. V. [Dynamic balancing of rotors of high-speed machines] Tekhnologiia dinamicheskogo uravnoveshivaniia rotorov bystrokhodnykh mashin. Leningrad, 1961. 21 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila Mekhanicheskaia obrabotka metallov, no. 14)

IVANOVA, T. F., M. E. TRENTOVIUS, and V. V. FEDOROV [Industrial apparatus for the determination of hydrogen in metals by the spectral-isotopic method] Zavodskoi variant ustanovki dlia opredeleniia vodoroda v metallakh spektral'no-izotopnym metodom. Leningrad, 1961. 18 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila: Kontrol' kachestva produktsii, no. 2)

IVIANSKII, A. M. [Reinforced-concrete elements] Zhelezobetonnye konstruktsii. Moskva, Gos. izd-vo sel'khoz. lit-ry zhurnalov i plakatov, 1961. 399 p. (Uchebniki i uchebnye posobiia dlia sel'skokhoziaistvennykh vuzov)

KALASHNIKOV, N. A., and N. L. FILIMONOVA. [Precast monolithic slabs for spans] Sborno-monolitnye plitnye protetnye stroenila. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 103 p.

KALECHITS, E. V. [Basic economic aspects of earthwork operations during continuous construction of roads] Osnovy ekonomiki proizvodstva zemlianykh rabot pri potochnom stroitel'stve dorog. Pod red. V. A. Bochina. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog *RSFSR*, 1961. 191 p.

KANAEV, A. F., and A. M. CHEKOTILLO. [Cold storage installations made of ice and their use] Ledianye sklady i ikh ispol'zovanie. Moskva, Izd-vo Akad. nauk SSSR, 1962. 110 p.

KANN, A. V. [Kuznetsov Housing Construction Combine No. 4] Kuznetsovskii domostroitel'nyi kombinat (DSK-4); stenogramma lektsii. Leningrad, 1961. 27 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Serila: Stroitel'naia promyshlennost')

KAPLAN, L. Z. [Engineering preparation of the construction area] Inzhenernaia podgotovka territorii *stroitel'stva. Moskva, Gos.* izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 154 p.

KASATKIN, N. L. [Assembling, repairing, and greasing of metallurgical equipment] Montazh remont i smazka metallurgicheskogo oborudovaniia. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi *metallurgii, 1961.* 337 p.

KASHEKOV, L. IA. [Mechanized water supply on livestock farms] Mekhanizatsiia vodosnabzhenila zhivotnovodcheskikh ferm. Moskva, Gos. izd-vo sel' khoz. lit-ry zhurnalov i plakatov, 1961. 319 p.

KAZANSKAIA, L. N. [Role played by vitamins in increasing the food value of bakery and confectionery products] transcript of a report presented at the Leningrad Center for Scientific and Technical Propaganda at a seminar of baking industry workers] Znachenie vitaminov v povyshenii pishchevoi tsennosti khlebobulochnykh i konditerskikh izdelii, stenogramma doklada, prochitannogo v LDNTP na seminare rabotnikov khlebopekarnoi promyshlennosti. Pod red I. N. Vol'pera. Leningrad, Leningr. Dom nauchno-tekhn. propagandy, 1961. 35 p.

KHODANOVICH, I. E. [Analytic principles in planning and using gas pipelines] Analiticheskie osnovy proektirovaniia i eksploatatsii magistral'nykh gazoprovodov Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 126 p.

KHOKHULIN, V. N. [New method for machining gear-cut shafts] Novyi metod obrabotki zubchatykh valov. Leningrad, 1961. 8 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila: Mekhanicheskaia obrabotka metallov, no. 9)

KHRISTENKO, A. P., and A. D. SUKACH [KR-1 coal cutter-loader] Ugol'nyi kombain KR-1. [Moskva] Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 84 p. (Novaia gornaia tekhnika)

KITAEV, V. E., and L. S. SHLIAPINTOKH [For the young electrical engineer] IUnomu elektrotekhniku. Moskva, Gos uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 144 p. (Politekhnicheskaia biblioteka shkol'nika)

KITAIGORODSKII, A. I., and IU. V MNIUKH. [Structure of polymers] Kak postroeny polimery, po novym dannym. Moskva, Izd-vo "Znanie," 1961. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. B, Fizika i khimiia, no. 5)

KNIGINA, G. I. [Building materials made of waste rock from the *Kuznetsk Basin*] *Stroitel'nye* materialy iz gorel'kh porod Kuzbassa. [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1960. 127 p.

KOGAN-VOL'MAN, G. I. [Transmissions with flexible wire shafts, manual] Peredachi s gibkimi provolochnymi valami; spravochnik. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit lit-ry, 1961. 279 p.

KOLIADA, I. A., and P. M. GOL'MAN-ZAKHAROV. [Tightness of gas pipes and the determination of gas leaks] Germetichnost' gazoprovodov i opredelenie utechki gaza. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 67 p.

KOMAROV, S. V. [How a motion picture is produced] Kak sozdaetsia kinofil'm. Moskva, Izd-vo "Znanie" Vses. ob-va po rasprostraneniiu polit. i nauchn. znanii, 1961. 39 p. (Narodnyi universitet kul'tury Fakul'tet literatury i iskusstva, no. 6)

KONDAKOV, K. G. [Industrial exploitation of Olekminsk salt] Problema promyshlennogo osvoeniia olekminskoi soli. IAkutsk, IAkutskoe knizhnoe izd-vo, 1957. 109 p. (ICMILC)

KONFERENTSIIA PO RAZVITIIU PROIZVODITEL'NYKH SIL KHAR'KOVSKOGO EKONOMICHESKOGO RAIONA *Khar'kov, 1958.* [Development of the sugar industry, proceedings of the Conference on the Development of the Production Capacity of the Kharkov Economic Region] Voprosy razvitiia sakharnoi promyshlennosti. trudy. Kiev, Izd-vo Akad. nauk USSR. No. 5. 1961. 101 p.

KONIUSHENKO, S. P. [Vibratory bins] Vibrobunkery. Leningrad, 1961. 23 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila: Pribory i elementy avtomatiki, no. 3)

KONONOV, IU. V., and A. S. NIKIFOROV. [Improvements in the technique of bridge cranes] Usovershenstvovaniia v tekhnologii sborki mostovykh kranov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 90 p. (Biblioteka slesarla-montazhnika no. 5)

KORNILOV, IU. G. [Automation and remote control of gas systems] Avtomatizatsiia i telemekhanizatsiia gazovykh sistem. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 148 p.

KOROTAEV, A. I., and V. I. MAKSHANOV. [Circuits for the automatic control of electric drives; study manual] Skhemy avtomaticheskogo upravlenila elektroprivodami; uchebnoe posobie. Leningrad, Leningr. mekhn. in-t, 1960. 259 p.

KOROTKII, A. F. [Principles of construction] Osnovy stroitel'nogo dela. Kiev, Gos. izd-vo lit-ry po stroit i arkhit. USSR, 1961. 220 p.

KORSAKOV, V.S. [Precision of machining] Tochnost' mekhanicheskoi obrabotki. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 378 p.

KOSOLAPENKO, G.B., and S.G. MILEIKOVSKII. [Specialized measurement in wire communications] Spetsial'nye izmerenila v provodnoi sviazi. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1961. 332 p.

KOTLIAROV, E.L. [Safety engineering guide for mechanics and lubricators in cement plants] Pamiatka po tekhnike bezopasnosti dlia mekhanika tsementnogo zavoda. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 7 p. (Tekhnika bezopasnosti)

KOVACHEVICH, L.M., and others. [Rod bolting in the coal industry] Ankernaia krep' v ugol'noi promyshlennosti. [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1960. 185 p.

KOZHIN, A.N. [A.c. relay protection of 3 to 10 kv. electric lines] Releinaia zashchita linii 3 - 10 kv na peremennom operativnom toke. Moskva, Gos. energ. izd-vo, 1960. 61 p. (Biblioteka elektromontera, no. 38)

KOZLOV, B.G. [Travel on a motorcycle] Puteshestviia na mototsikle. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1961. 135 p.

KRASIN, A.K., and others. [Study of beryllium as a neutron moderator] Izuchenie berilliia kak zamedlitelia neitronov. Moskva, 1955. 17 p. (Doklady, predstavlennye SSSR na Mezhdunarodniiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

KRASNICHENKO, A.V., ed. [Handbook in two volumes for agricultural machinery designers] Spravochnik konstruktora sel'skokhoziaistvennykh mashin v dvukh tomakh. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry
Vol. 2. 1961 862 p.

KREINS, Z.I., S.I. KOTOV, and A.P. IVANOV [Communist labor railroad division, experience of the Orlovskaya division of the Moscow Railroad] Distantsiia puti kommunisticheskogo truda, opyt Orlovskoi distantsii Moskovskoi dorogi. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 60 p.

KRUZHILIN, G.N. [Reactor for physical and technological studies] Reaktor dlia fizicheskikh i tekhnicheskikh issledovanii. Moskva, 1955. 43 p. (Doklady, predstavlennye SSSR na Mezhdunarodniiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

KRUZNETSOVA, A.A. [Water-cooling system for small refrigerating plants, scientific report] Gradirnia dlia malykh kholodil'nykh ustanovok, nauchnoe soobshchenie. Moskva, Gos. izd-vo torg. lit-ry, 1958. 7 p.

KUKAVADZE, G.M., and others. [Measurement of the cross sections of the absorption and radiative capture of neutrons in U233 and the pile neutron spectrum] Izmerenie sechenila pogloshcheniia i sechenila radiatsionnogo zakhvata urana-233 dlia kotel'nogo spektra neitronov. Moskva, 1955. 13 p. (Doklady, predstavlennye SSSR na Mezhdunarodniiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

KULAKOVSKII, A.B., and V.A. RAL'TSEVICH. [Precast reinforced-concrete in the construction of enterprises which store and process grain] Sbornyi zhelezobeton v stroitel'stve predpriiatii po khraneniiu i pererabotke zerna. Moskva, Izd-vo tekhn. i ekon. lit-ry po voprosam khleboproduktov, 1960. 77 p.

KULIKOV, G.S. [Reference book on ventilation, for lower technical specialists in mines] Spravochnik po ventiliatsii; dlia mladshego tekhnicheskogo nadzora shakht i rudnikov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 239 p.

KULIKOV, I.G. [Storage batteries] Akkumuliatory. Izd. 2., ispr. i dop. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 150 p.

KUNAEV, D.S. [Dzhezkazgan - copper city] Dzhezkazgan - gorod medi. Alma-Ata, Kazakhskoe gos. izd-vo, 1960. 88 p.
[MICROFILM]

KURDIUMOV, G.V. [Using radioactive isotopes for studying diffusion and interatomic reaction in alloys] Primenenie radioaktivnykh izotopov dlia izucheniia diffuzii i mezhduatomnogo vzaimodeistviia v splavakh. Moskva, 1955. 15 p. (Doklady, predstavlennye SSSR na Mezhdunarodniiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

KUROCHKA, A.L., and L.L. ZUSMANOVSKAIA. [New insulation for traction motors] Novaia izoliatsiia tiagovykh dvigatelei. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 94 p.

KUYBYSHEV (Province) [Methods for the analysis of electrolytes and solutions of galvanic and chemical coatings, a manual for workers in industrial laboratories] Metody analiza elektrolitov i rastvorov gal'vanicheskikh i khimicheskikh pokrytii, spravochnoe posobie dlia rabotnikov zavodskikh laboratorii. Kuibyshev, TSentr. biuro tekhn. informatsii, 1960. 215 p.

KUZIN, M.D. [Assembly and use of control and measuring instruments] Montazh i ekspluatatsiia kontrol'no-izmeritel'nykh priborov. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1961. 256 p.

KUZNETSOV, A.M., and E.S. KOVALEV. [New means of manufacturing cement containing alumina] Novye sposoby proizvodstva glinozemistogo tsementa. Moskva, Gos. izd-vo "Vysshaia shkola," 1961 86 p.

[LABORATORY WORK ON THE PROTECTION OF METALS FROM CORROSION] Laboratornye raboty po korrozii i zashchite metallov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 239 p.

LAKTIONOV, A.T. [Theory and practice of air or gas drilling] Osnovy teorii i tekhniki bureniia skvazhin s ochistkoi zaboia vozdukhom ili gazom. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 262 p.

LAPIROV-SKOBLO, M.IA. Edison. Moskva, Molodaia gvardiia, 1960. 252 p. (Zhizn' zamechatel'nykh liudei. Ser. biografii, no. 15(305))
(CU)

LAPTEV, S.A. [The 1960 automotive exhibit in Geneva] Avtomobil'naia vystavka 1960 goda v Zheneve. Moskva, TSentr. biuro tekhn. informatsii, 1960. 31 p.

LAVROVA, V.V. [Refrigerating capacity of installations with crossheads, compressors lacking scientific report] Kholodoproizvoditel'nosti ustanovok s beskreitskopinymi kompressorami, nauchnoe soobshchenie. Moskva, Gos. izd-vo torg. lit-ry, 1956. 23 p.

LAVRUSHKO, P.N. [Underground repairing of oil wells] Podzemnyi remont skvazhin. Izd. 2., ispr. i dop. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 463 p.

[LEADERS IN OUTSTANDING TRACK MAINTENANCE] Mastera otlichnogo soderzhaniia puti; sbornik statei. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1960. 78 p. (Zheleznodorozhniki-geroi sotsialisticheskogo truda)

LENINGRAD. Upravlenie po zhilishchnomu i grazhdanskomu stroitel'stvu. [Handbook of finishing operations] Spravochnik po otdelochnym rabotam. Pod red. A.I. Poradnia i O.M. Spiridonovoi. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 407 p.

LENINGRADSKII DOM NAUCHNO-TEKHNICHESKOI PROPAGANDY. [Mechanization of a process for coating electrodes by a method which involves immersion] Mekhanizatsiia protsessa pokrytiia elektrodov sposobom okunaniia; opyt zavoda. Leningrad, 1952. 9 p. (Informatsionno-tekhnicheskii listok, no. 35(376))

LENINGRADSKII DOM NAUCHNO-TEKHNICHESKOI PROPAGANDY. [Portable electric spark systems; work of the Research Branch of the State Planning Institute of the Ministry of Transportation Machinery Manufacture] Perenosnye elektroiskrovye ustanovki; opyt raboty NIF GPI MTrM. Leningrad, 1952, 11 p. (Informatsionno-tekhnicheskii listok, no. 23(364))

LENINGRADSKII DOM NAUCHNO-TEKHNICHESKOI PROPAGANDY. [Sine attachment for finishing gage boards designed by gager Konstantin Simonovich Kharchenko] Sinusnoe prisposoblenie dlia dovodki shablonov konstruktsii slesarin-tekal'shchika Konstantina Simonovicha Kharchenko. Leningrad, 1954. 4 p. (Listok novatora, no. 1(240))

LENINGRADSKII DOM NAUCHNO-TEKHNICHESKOI PROPAGANDY. [Spectral analysis of steel using a low-voltage spark; from practices of the spectral laboratory at the Sestroretsk Instrument Plant] Spektral'nyi analiz stali s primeneniem nizkovol'tnoi iskry; iz opyta spektral'noi laboratorii Sestroretskogo instrumental'nogo zavoda imeni Voskova. Leningrad, 1954. 7 p. (Informatsionno-tekhnicheskii listok, no. 32(805))

LEVI, S.S. [Electric equipment of plants and storage areas of precast concrete elements] Elektrooborudovanie zavodov i poligonov sbornykh zhelezobetonnykh izdelii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 250 p.

LEVITSKII, V.N., M.S. MIRKIN, and N.I. DMITRIEVA. [Using autocollimator and prism in determining kinematic errors of the dividing chain of slot-milling machines] Opredelenie kinematicheskikh pogreshnostei delitel'noi tsepi pazofrezernykh stankov s pomoshch'iu avtokollimatora i prizmy. Leningrad, 1961. 22 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Kontrol' kachestva produktsii, no. 4)

LIBER, I.S. [New heating system for residential and public buildings] Novaia sistema otopleniia zhilykh i grazhdanskikh zdanii, stenogramma lektsii. Leningrad, 1961. 32 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Seriia: Stroitel'naia promyshlennost')

LIUSHIN, S.F., and others. [Paraffin control in the recovery of oil] Bor'ba s otlozheniiami parafina pri dobyche nefti. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961 149 p.

LVOV. UNIVERSYTET. [Problems in the history of the U.S.S.R.] Pytannia istorii SRSR [L'viv] Vyd-vo L'vivs'kogo univ., 1959. 140 p.
(NN)

MACHINSKII, E.K., and A.I. BULATOV. [Cement and cinder-sand slurries for plugging wells] Tsementno-i shlako-peschanye rastvory dlia tamponazha skvazhin. [Groznyi] Checheno-Ingushskoe knizhnoe izd-vo, 1960. 80 p.

MAKHOTIN, A.N. [Operation of GAZ-51A motortrucks] Ekspluatatsiia avtomobilia GAZ-51A. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961 61 p. (Biblioteka shofera)

MALAKHOV, G.M., V.M. KISELEV, and A.P. CHERNOUS. [Working deep-seated ore deposits in the Krivoy Rog Basin] Razrabotka rudnykh zalezhei Krivoi ozhskogo basseina na bol'shikh glubinakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 207 p.

MALICH, F.A., and M.Z. LOSHAK. [Hydraulic headstock for circular grinding machine] Gidravlicheskaia peredniaia babka dlia krugloshlifoval'nogo stanka. Leningrad, 1961. 7 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Modernizatsiia i remont oborudovaniia, no. 3)

MALYSHEV, M.S. [Modernization of manual lever shears] Modernizatsiia ruchnykh rychazhnykh nozhnits. Leningrad, 1961. 7 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Mekhanicheskaia obrabotka metallov, no. 6)

MARTYNOV, E.M. [Electronic devices of discrete action] Elektronnye ustroistva diskretnogo deistviia. Moskva, Gos. energ. izd-vo, 1960. 127 p. (Massovaia radio bibliotek, no. 381)

MEDVINSKII, V.G. [Efficiency promotion in forging shops engaged in large-scale forging] Ratsionalizatsiia v kuznechno-pressovykh tsekhakh pri proizvodstve krupnykh pokovok. Leningrad, 1961. 11 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Kovka i gortachaia shtampovka, no. 1)

MEEROVICH, I.B. [Practice of the Leningrad "Russkii Dizel'" Plant in mechanizing operations in the casting house] Opyt leningradskogo zavoda "Russkii dizel'" po mekhanizatsii liteinogo tsekha. Leningrad, 1961. 13 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Liteinoe proizvodstvo, no. 4)

MEL'NIKOVA, I.S. [Methods of electron-microscope examination of heatproof alloys] Metody elektronnomikroskopicheskogo issledovaniia zharoprochnykh splavov, stenogramma doklada. Leningrad, 1961. 38 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Seriia: Metallovedenie i termicheskaia obrabotka)

MERKUCHEV, D.A. [Use of contactless relay components with semiconductor elements for the automatic control of pipe cutting mills] Primenenie beskontaktnykh releinykh elementov na poluprovodnikakh dlia avtomaticheskogo upravleniia trubootreznym stankom. Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Pribory i elementy avtomatiki, no. 6)

MESHCHERIAKOVA, I.P. [Roads with a base course of compacted soil] Dorogi s osnovaniem iz ukreplennogo grunta. Pod red. V.M. Bezruka. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 23 p.

MEZHDUARNODNOE SOVESHCHANIE PO RASCHETU STROITEL'NYKH KONSTRUKTSII, Moscow, 1958. [Papers from the International Conference on Designing Building Elements] Materialy... Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 258 p.

MEZHVUZOVSKAIA NAUCHNO-TEKHNICHESKAIA KONFERENTSIIA NA TEMU: "SOVREMENNYE DOSTIZHENIIA PROKATNOGO PROIZVODSTVA," Leningrad, 1958. [Proceedings of the Scientific Technical Conference of Institutions of Higher Learning on the Subject "Recent Achievements in Metal Rolling"] Trudy... Pod red V.S.Smirnova Leningrad. Vol.2. 1959. 445 p.

MIKHAILEVICH, S. L., and R. L KATS. [Technical reorganization and utilization of the production potentialities for increasing the output capacity of the automatic turret-lathe shop] Organizatsionno-tekhnicheskaia perestroika i ispol'zovanie rezervov proizvodstva dlia povysheniia proizvodstvennoi moshchnosti avtomatno-revol'vernogo tsekha. Leningrad, 1961. 16 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila: Organizatsiia i ekonomika proizvodstva, no. 2)

MIKHAILOV, M. I., and B. N. IASINSKII. [Prospects for the growth of the hydrolysis and wood chemistry industry] Perspektivy razvitiia lesokhimicheskoi i gidroliznoi promyshlennosti. Moskva, Goslesbumizdat, 1960. 54 p.

MIKHAILOV, V. A. [Using ultrasonic techniques for cleaning, degreasing, and pickling parts] Primenenie ul'trazvuka, dlia ochistki, obezzhirivaniia i travleniia detalei. Leningrad, 1961. 19 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila: Elektricheskie metody obrabotki metalla, no. 2)

MIKHEEV, N. V., and A. M. LEPSKII. [Universal adjustable attachments] Universal'nye perenaladzhivaemye prisposobleniia Moskva, Gos nauchno-tekhn. izd-vo Oborongiz, 1961. 51 p.

MILYKH, A. F., and F. N. NAZAROV. [Planning of design and research operations in construction] Planirovanie proektno-izyskatel'nykh rabot v stroitel'stve. Moskva, Gos. izd-vo planovo-ekon. lit-ry pri Gosekonomsovete SSSR, 1961. 72 p. (V pomoshch' ekonomistu i planoviku)

[MINERAL RESOURCES OF THE UKRAINE] Korysni kopalyny Ukrainy. Kyiv, Derzh. vyd-vo tekhn. lit-ry URSR, 1960. 237 p.
(NN)

MINKIN, A. S., and E. M. GLAUBERZON. [Repair and operation of certain kinds of machines and electric equipment at garment factories in Leningrad] Remont i ekspluatatsiia nekotorykh vidov tekhnologicheskogo i elektrotekhnicheskogo oborudovaniia na shveinykh fabrikakh Leningrada; obzor. Leningrad, 1961 67 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Serila: Shveinaia promyshlennost')

MINSK. BELORUSSKII POLITEKHNICHESKII INSTITUT. Kafedra "Teplogazosnabzhenie i ventilatsiia." [Laboratory exercises in heating, ventilation, and gas supply] Laboratornyi praktikum po otopleniiu, ventiliatsii i gazosnabzheniiu. Pod obshchei red. E. Kh. Odel'skogo i A. K. Andreevskogo. Minsk, Redaktsionno-izdatel'skii otdel BPI, 1960. 143 p.

automation
'oprosy
akh gruppovogo
iskom
'minsrad,
'61. 75 p.

MOSCOW. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT MEKHANIZATSII I ENERGETIKI LESNOI PROMYSHLENNOSTI. [Album of drawings of parts, repair dimensions, and auxiliary parts for the ZIL-157 motortruck] Al'bom chertezhei detalei remontnykh razmerov i dopolnitel'nykh detalei (nasadkov) avtomobilia ZIL-157. Moskva, Goslesbumizdat, (Tipovaia tekhnologiia remonta lesozagotovitel'nykh mashin i mekhanizmov)

Pt. 1. [Engine] Dvigatel'. 1961. 82 p.

Pt. 2 [Chassis except the ZIL-157 engine] Shassi (krome dvigatelia ZIL-157) 1961. 112 p.

MOSCOW. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT MEKHANIZATSII I ENERGETIKI LESNOI PROMYSHLENNOSTI. [Album of working drawings of parts and units of MAZ-200 and MAZ-501 trucks] Al'bom rabochikh chertezhei detalei i uzlov avtomobilei MAZ-200 i MAZ-501. Moskva, Goslesbumizdat.

Pts. 2-3. 1960. 319 p.

MOSCOW. UNIVERSITET. Biologicheskii fakul'tet. [Biocoenotic associations of benthos as biological absorbers; new method water purification for water-supply purposes] Biotsenozy obrastanii v kachestve biopogloititelia; novyi sposob predvaritel'noi ochistki vody dlia tselei vodosnabzheniia; sbornik statei pod red. S. N. Skadovskogo. [Moskva] 1961. 303 p.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT MINERAL'NOGO SYR'IA. [Industry's requirements as to the quality of mineral raw materials] Trebovaniia promyshlennosti k kachestvu mineral'nogo syr'ia; spravochnik dlia geologov. Izd. 2, perer. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr.

No. 39. Ostromentskii, N. M., and G. A. Fontanov. [Tin] Olovo. Nauchn. red. A. P. Prokof'ev. 1961. 50 p.

No. 42. Gudalin, G. G. [Lead, zinc, cadmium, silver] Svinets, tsink, kadmii, serebro. Nauchn. red. B. D. Sterkin. 1960. 68 p.

No. 63. Liudogovskii, G. I. [Vanadium] Vanadii. Nauchn. red. M. L. Skobnikov. Izd. 2., perer. 1960. 40 p.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT MINERAL'NOGO SYR'IA. [Prospecting for boron] Poiski i razvedka bornogo syr'ia. Pod obshchei red. V. Kh. Daragana, I. M. Kurmana i A. A. Shugina Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1960. 102 p.

MOZNIKER, R. A. [Study of vibration testing units with electromagnetic oscillators] Doslidzhennia vibratsiinykh vyprobuval'nykh ustanovok z elektromagnitnymy zbudnykamy. Kyiv, Vyd-vo Akad. nauk URSR, 1960. 174 p.

MURZIN, I. K. [Inspection of repair operations] Kontrol' remontnykh operatsii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 105 p. (Biblioteka slesaria-remontnika, no. 10)
[MICROFILM]

MYLKO, S. N., ed. [Using natural gas in cupola furnaces] Primenenie prirodnogo gaza v vagrankakh. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit lit-ry, 1961. 58 p.
[MICROFILM]

NANOBASHVILI, E. M. [Applications of radioactive isotopes and radiation in the national economy.
adioaktivnykh izotopov i izluchenii v
'e. Tbilisi, Izd. Ob-va po raspro-
uch znanii Gruzinskoi SSR] 1959.

ESKAIA KONFERENTSIIA PO
'HA PROIZVODITEL'NYKH SIL
OMICHESKOGO RAIONA. [Hot
ansactions of the Scientific-
e on the Development of the
f the Kiev Economic Region]
a metallov; trudy. Kiev, Izd-vo

42 p.

SKOE OBSHCHESTVO
STRII SSSR. [Apartment houses
lements] Zhilye doma iz ob"em-
kva, Gos. izd-vo lit-ry po stroit.,
rialam, 1961. 188 p.

the energy from underwater
mping (drawing)] Ispol'zovanie
zryva dlia listovoi shtampovki
ama lektsii, prochitannoi v
minara ob kholodnoi shtampovke.
. (Leningradskii Dom nauchno-
ndy. Serila: Goriachaia i
metallov davleniem)

NECHAEV, G. A. [Using water-repellent earth to waterproof underground elements] Opyt primeneniia gidrofobnykh gruntov dlia gidroizoliatsii podzemnykh konstruktsii. Leningrad, 1961. 17 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom, Serila Stroitel'naia promyshlennost', no. 1)

NECHAEV, G. K., and N. P. UDALOV. [Relays and transducers using semiconductor thermistors] Rele i datchiki s poluprovodnikovymi termosoprotivleniiami Moskva, Gos. energ. izd-vo, 1961. 103 p. (Biblioteka po avtomatike, no. 29)

NECHAEV, M. A. [Safety in handling gas-operated equipment of industrial furnaces and boilers] Bezopasnaia ekspluatatsiia gazovogo oborudovaniia promyshlennykh pechei i kotlov. Leningrad, 1961. 18 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila: Energetika, no. 3)

NEDOKUCHAEV, B. N [Mechanizing the transportation of flour in bulk] Mekhanizatsiia bestarnoi perevozki muki; stenogramma doklada, prochitannogo v LDNTP na seminare rabotnikov khlebopekarnoi promyshlennosti. Leningrad, Leningr. Dom nauchno-tekhnicheskoi propagandy, 1961. 17 p.

NESLUKHOVSKII, K. S. [Electronic computers] Elektronnye vychislitel'nye mashiny. Moskva, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, 1960. 39 p.

[NEW WELDING EQUIPMENT IN THE INSTRUMENT-MANUFACTURING INDUSTRY] Novaia svarochnaia tekhnika v priborostroitel'noi promyshlennosti. [By] G. A. Nikolaev i dr. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 110 p.

NIKIFOROV, IU. E., M. I. SOLOV'EV, and M. E. ZUKHOVITSKII. [Using foamed polystyrene to insulate exterior wall panels] Opyt primeneniia penopolistirola v kachestve uteplitelia naruzhnykh stenovykh panelei Leningrad, 1961. 14 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila. Stroitel'naia promyshlennost', no. 9)

NIKOLAEV, A. S. [Finishing building facades with paste compositions] Otdelka fasadov zdanii pastovymi sostavami, opyt tresta "Fasadremstroi." Leningrad, 1961. 16 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila: Stroitel'naia promyshlennost', no. 10)

NIKOLAEV, IU. G. [Thermal-research nuclear reactor of a capacity of 2000 kw.] IAdernyi reaktor dlia issledovatel'skikh tselei moshchnost'iu 2000 kvt po teplu. Moskva, 1955. 10 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

NOVIKOV, I. T., ed. [Power engineering of the U. S. S. R.] Energetika SSSR; sbornik statei. Moskva, Gos. energ. izd-vo, 1961. 378 p.

NUSIMOVICH, G. IA., M. D. NIKITIN, and S. I. FEDOROV [Centrifugal casting of supercharger wheels] TSentrobezhnoe lit'e koles nagnetatelei. Leningrad, 1961. 17 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila: Litein oe proizvodstvo, no. 1)

OBEREMKO, I. I. [Locomotives of the U. S. S. R., 1917-1952] Lokomotivnyi park SSSR, 1917-1952 g.g. Chicago, 1954. [typescript]
(MiU) [MICROFILM]

OKOROKOV, N. V. [Induction stirring in steel-melting arc furnaces, results of experimental work] Elektromagnitnoe peremeshivanie metalla v dugovykh staleplavil'nykh pechakh, itogi opytnykh rabot. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 176 p.

[ORGANIZATION OF CONSTRUCTION WORKS DURING THE ELECTRIFICATION OF RAILROADS; experience of the construction organizations of the Ministry of Construction for Transportation] Organizatsiia stroitel'nykh rabot pri elektrifikatsii zheleznykh dorog, opyt stroitel'nykh organizatsii Mintransstroia. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 65 p.

ORLOV, G. M. [Automatic units for shaking out foundry molds] Avtomaticheskie ustanovki dlia vybivki liteinykh form; opyt otechestvennykh zavodov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961, 130 p.

OSTROVSKII, A. S. [Overall automatic and remote control of the water supply systems of industrial enterprises] Kompleksnaia avtomatizatsiia i telemekhanizatsiia sistem vodosnabzheniia promyshlennykh predpriiatii. Moskva, Gos. energ. izd-vo, 1961. 166 p. (Biblioteka po avtomatike, no. 28)

I, N. K., V.M. VARENYSHEV, and I.I. ZHUROV
ir of automatic "AT" looms] Remont avtomatiche-
tkatskikh stankov tipa "AT." [Ivanovo] Ivanov-
knizhnoe izd-vo, 1960. 142 p.

NOV, A.M. [Principles of the sintering of iron
] Osnovy aglomeratsii zheleznykh rud. Izd.2.,
i dop. Moskva, Gos.nauchno-tekhn.izd-vo
y po chernoi i tsvetnoi metallurgii, 1961. 320 p.

V, N.G. [Examples of crane designs] Primery
hetov kranov. Izd.2., perer.i dop. Moskva,
nauchno-tekhn.izd-vo mashinostroit. lit-ry,
301 p.

, S.P. [The BAV large amphibious vehicle]
iol plavaiushchii avtomobil' BAV. Moskva,
izd-vo M-va obor.SSSR, 1961. 87 p (Za
o-tekhnicheskie znaniia)

A, I.A. [Central control of technological
sses at enterprises of the refrigeration industry;
native report] TSentralizovannyi kontrol'
logicheskikh protsessov na predpriiatiiakh
il'noi promyshlennosti, informatsionnoe
chenie. Moskva, Gos. izd-vo torg. lit-ry,
37 p.

MAN, R.G. [Spaceships] Zvezdnye korabli.
va, Izd-vo "Sovetskaia Rossia," 1961. 61 p.

N, D.P. [Automatic control of the excitation of
ronous motors] Avtomaticheskoe regulirovanie
zhdeniia sinkhronnykh dvigatelei. Moskva,
nerg. izd-vo, 1961. 103 p. (Biblioteka po
atike, no.30)

, A.P., and I.IA. AKSENOV, eds. [Cybernetics
e automation of transportation] Kibernetika i
atizatsiia transportnykh protsessov, sbornik
. Moskva, Vses.izdatel'sko-poligr.ob"edinenie
putei soobshcheniia, 1960. 274 p.

SKII, B.G. [Manual for lathe operators in
shops] Spravochnik tokaria remontnoi
rskoi. Moskva, Izd-vo M-va sel'.khoz.
t, 1961. 218 p.

.L. [Thermal insulation of cold storage ware-
] Teploizolitatsiia kholodil'nikov. Moskva, Gos.
torg. lit-ry, 1961. 203 p.

KOV, B.F. [Special effect photography]
irovannye kinos"emki. Moskva, Gos.izd-vo
tvo, " 1961. 125 p. (Biblioteka kinolubitelia)

KII, L.E. [Pneumatic transportation of concrete
pipes] Pnevmotransport betonnoi smesi po
. Leningrad, 1961. 22 p. (Leningradskii Dom
o-tekhnicheskoi propagandy. Seriia: Stroitel'-
omyshlennost', no.6)

, I.A. [Ways to increase labor productivity
trial plants] Puti povysheniia proizvoditel'-
uda na promyshlennykh predpriiatiiakh.
, Gosplanizdat, 1961. 61 p. (V pomoshch'
ndiistam i slushateliam sети partiinogo
hcheniia)

., A., and R.IA. SHVARTS. [Efficiency of using
ies on various kinds of transportation; practice
zerbaijan Economic Region] Effektivnost'
eniia goriuchikh gazov na razlichnykh vidakh
ria; na primere Azerbaidzhanskogo ekonomi-
o raiona. Baku, Azerbaidzhanskoe gos.
ieft. i nauchno-tekhn. lit-ry, 1960, 121 p.

A, N. [New building materials in industrial and
construction] Novye stroitel'nye materialy v
shlennom i grazhdanskom stroitel'stve; steno-
a lektsii. Leningrad, Leningr.Dom nauchno-
ropagandy, 1961. 8 p.

.ZHENSKII, V.P. [Thermometric devices;
'or use in instruction] Teplotsmeritel'nye
; uchebnye tablitsy. Moskva, Gos.energ.
1046. diagrams.

SKII, N.I., ed. [Stresses and deformations
ine parts and units] Napriazheniia i deformatsii
kh i uzlakh mashin. Moskva, Gos.nauchno-
zd-vo mashinostroit. lit-ry, 1961. 563 p.
[MICROFILM]

II, D.N. [Bibliography on refrigeration
ing for 1923-1955] Bibliograficheskii spravoch-
oprosam kholodil'noi tekhniki za 1923-1955 gg.
Gos. izd-vo torg. lit-ry, 1956. 240 p.

IZ RABOCHIKH MASHINOSTROENIIA. TSen-
komitet. [Safety engineering instructions
rators of acetylene generators] Instruktsiia
nike bezopasnosti dlia gazogeneratorshchikov
novykh apparatov. [Moskva] Mashgiz, 1961.

PROFSOIUZ RABOCHIKH MASHINOSTROENIIA. TSen-
tral'nyi komitet. [Safety engineering instructions
for workers conveying loads in hand carts and trucks]
Instruktsiia po tekhnike bezopasnosti dlia rabochikh
po peremeshcheniiu gruzov na ruchnykh telezhkakh
i vagonetkakh. [Moskva] Mashgiz, 1961. 13 p.

PROFSOIUZ RABOCHIKH MASHINOSTROENIIA.
TSentral'nyi komitet. [Safety engineering regulations
for electricians on duty in servicing industrial
induction heating systems] Instruktsiia po tekhnike
bezopasnosti dlia dezhurnykh elektromonterov,
obsluzhivaiushchikh vysokochastotnye ustanovki dlia
promyshlennogo nagreva [Moskva] Mashgiz, 1960.
10 p.

PROFSOIUZ RABOCHIKH MASHINOSTROENIIA. TSen-
tral'nyi komitet. [Safety instructions for operators
of electric overhead-travelling cranes] Instruktsiia
po tekhnike bezopasnosti dlia kranovshchikov (ma-
shinistov) elektromostovykh kranov. [Moskva]
Mashgiz, 1961. 31 p.

PROFSOIUZ RABOTNIKOV SVIAZI, RABOCHIKH AVTO-
MOBIL'NOGO TRANSPORTA I SHOSSEINYKH DOROG.
TSentral'nyi komitet. [Safety regulations for truck
transportation enterprises] Pravila tekhniki bezopas-
nosti dlia predpriiatii avtomobil'nogo transporta.
Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo
transp. i shosseinykh dorog RSFSR, 1961. 71 p.

PROKOF'EV, V.P. [Hygienic aspects of public food
service] Gigiena obshchestvennogo pitaniia. Izd 2.,
perer. Moskva, Gos. izd-vo med. lit-ry Medgiz,
1960. 218 p. (Biblioteka srednego medrabotnika)

PROKOPOV, L.D. [Repair of pneumatic and vacuum
windshield wipers] Remont pnevmaticheskikh i vaku-
umnykh stekloochistitelei. Moskva, Nauchno-tekhn.
izd-vo M-va avtomobil'nogo transp. i shosseinykh
dorog RSFSR, 1961. 80 p.

PRONIKOV, A.S. [Increasing the life time of machine
tools] Povyshenie dolgovechnosti stanochnogo parka.
Moskva, Gos.izd-vo "Vysshaia shkola," 1961. 154 p.

PROSKURNIKOV, S.M. [Formation of artificial cnals
and open places in ice; organizing the winter storage
of lumber supplies in water] Obrazovanie iskusstven-
nykh kanalov i main vo l'du; k voprosu organizatsii
khraneniia zimnego zapasa drevesiny na vode. Mo-
skva, Goslesbumizdat, 1959. 61 p.

RAVDONIK, V.S., and E.E. DAKHMUTSKII. [Modern
low-voltage electric fixtures; lecture transcript]
Sovremennaia nizkovol'tnaia elektroustanovochnaia
apparatura; stenogramma lektsii. Leningrad, 1961.
38 p. (Leningradskii Dom nauchno-tekhnicheskoi
propagandy. Seriia: Energetika)

REMPEL', A.I., IU.Z. PEREL'MAN, and A.M. MIKHAI-
LOVSKII. [Repairing the cylinder-piston system of
the 2D100 diesel engine, practices of the Tashkent
Diesel Locomotive Depot] Remont tsilindro-porshnevoi
gruppy dizelia 2D100; iz opyta Tashkentskogo teplo-
vozhnogo depo. Moskva, Vses.izdatel'sko-poligr.
ob"edinenie M-va putei soobshcheniia, 1961. 39 p.
(Bibliotechka slesaria po remontu teplovozov)

RIAZANTSEV, B.S., and A.M. POGODIN, eds. [New
developments in automatic and remote control and
communications on railroads] Novoe v zheleznodorozh-
noi avtomatike, telemekhanike i sviazi; sbornik
statei. Moskva, Vses. izdatel'sko-poligr. ob"edinenie
M-va putei soobshcheniia, 1961. 306 p.

RIDEL', E.L., and I.V. SHTEFKO. [Transportation of
palletized loads] Opyt perevozok gruzov v iashchich-
nykh poddonakh. Moskva, Vses. izdatel'sko-poligr.
ob"edinenie M-va putei soobshcheniia, 1961. 47 p.

RONENSON, G.E., and S.B. LIVSHITS. [Scheduling lot
production by group sets; practice of the OGPU
Optical Mechanical Plant] Kalendarnoe planirovanie
serilnogo proizvodstva po gruppovym komplektam;
opyt Gosudarstvennogo optiko-mekhanicheskogo zavoda
imeni OGPU. Leningrad, 1961. 11 p. (Leningradskii
Dom nauchno-tekhnicheskoi propagandy. Obmen
peredovym opytom. Seriia: Organizatsiia i ekonomika
proizvodstva, no.3)

ROZENBLIUM, S.G. [Decorative finishing of stainless
steel in a gold color] Dekorativnaia otdelka nerzhaveiu-
shchei stali v zolotistyi tsvet. Leningrad, 1961. 9 p.
(Leningradskii Dom nauchno-tekhnicheskoi propagandy.
Obmen peredovym opytom. Seriia: Zashchitnye pokry-
tiia metallov, no.3)

RUKOSUEV, A.N., ed. [Starch, sugar, honey, con-
fectionery products, condiments, fats, milk, and
milk products] Krakhmal, sakhar, med, konditerskie,
vkusovye tovary, zhiry, moloko i molochnye produkty.
Moskva, Gos.izd-vo torg.lit-ry, 1961. 760 p.

RUSETSKII, B.L., and A.L. SHAL'NOV. [Mechanized
continuous line for manufacturing C-type hand cores]
Mekhanizirovannaia potochnaia linila izgotovleniia
lentochnykh S-obraznykh serdechnikov. Leningrad,
1961. 14 p. (Leningradskii Dom nauchno-tekhnicheskoi
propagandy. Obmen peredovym opytom. Seriia.
Pribory i elementy avtomatiki, no.2)

RUSSIA (1917- R.S.F.S.R.) Glavnoe upravlenie po
proizvodstvu elektromontazhnykh rabot. [Establish-
ment of secondary commu' nun in electric systems]
Montazh vtorichnoi kommutatsii v silovykh elektro-
ustanovkakh. Moskva, Gos.izd-vo lit-ry po stroit.,
arkhit.i stroit.materialam, 1961. 302 p. (Sertia
posobii po povysheniiu masterstva stroitelei)

RUSSIA (1917- R.S.F.S.R.) Ministerstvo kommunal'-
nogo khoziaistva. [Standards and norms for the
maintenance of residential buildings] Pravila i normy
tekhnicheskoi eksploatatsii zhilishchnogo fonda.
Moskva, 1961. 183 p.

RUSSIA (1917- R.S.F.S.R.) Ministerstvo sel'skogo
khoziaistva. [Collection V-57; repair and construction
work in agriculture] Sbornik V-57; remontno-stroitel'-
nye raboty v sel'skom khoziaistve. Moskva, Izd-vo
M-va sel'.khoz. RSFSR, 1961 143 p.

RUSSIA (1917- R.S.F.S.R.) Ministerstvo stroitel'-
stva. [Instructions on the welding and inspection of
welded joints of pipelines made of steel alloys]
Instruktsiia po svarke i kontrolu svarnykh soedinenii
truboprovodov iz legirovannykh stalei, VSN 22-60.
Moskva, Gos.izd-vo lit-ry po stroit., arkhit.i stroit.
materialam, 1961. 62 p.

RUSSIA (1917- R.S.F.S.R.) Ministerstvo stroitel'-
stva. [Instructions VSN 24-60 of the Ministry of Con-
struction for the construction of open-hearth fur-
naces] Instruktsiia po kladke martenovskikh pechei
VSN 24-60. Minstrol RSFSR. Moskva, Gos izd-vo
lit-ry po stroit., arkhit.i stroit.materialam, 1960.
125 p.

RUSSIA (1923- U.S.S.R.) Glavnoe energeticheskoe
upravlenie. [Safety engineering regulations for
operating the electric equipment of municipal electric-
power networks] Pravila tekhniki bezopasnosti pri
eksploatatsii elektroustanovok gorodskikh elektrosetei.
Izd.12, dop. Moskva, Gos.energ.izd-vo, 1961.
95 p.

RUSSIA (1923- U.S.S.R.) Glavnoe upravlenie po
proizvodstvu elektromontazhnykh rabot. [Instructions
VSN-30-60/MS RSFSR on the installation of 35 to
220 kv. air switches and pneumatic systems for con-
trolling them] Instruktsiia po montazhu vozdushnykh
vykliuchatelei 35-220 kv i pnevmaticheskikh sistem
dlia upravleniia imi, VSN-38-60/MS RSFSR. Mo-
skva, Gos.energ.izd-vo, 1961. 85 p.

RUSSIA (1923- U.S.S.R.) Glavnoe upravlenie puti i
sooruzhenii. [Standard technologically grounded
time and production norms for laying narrow-gauge
tracks] Tipovye tekhnicheski obosnovannye normy
vremeni i vyrabotki na putevye raboty, uzkaia koleia.
Moskva, Vses.izdatel'sko-poligr.ob"edinenie M-va
putei soobshcheniia, 1961. 70 p.

RUSSIA (1923- U.S.S.R.) Gosudarstvennaia komissiia
po zapasam poleznykh iskopaemykh. [Instructions for
classifying reserves in coal and oil shale deposits]
Instruktsiia po primeneniiu klassifikatsii zapasov k
mestorozhdeniiam uglei i goriuchikh slantsev. Moskva,
Gos.nauchno-tekhn. izd-vo lit-ry po geol. i okhrane
nedr, 1961. 66 p.

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet
po delam stroitel'stva. [Collection No.12-M of unified
regional estimates for installation operations of pipes
and fittings] Sbornik No.12-M edinykh raionnykh
edinichnykh rastsenok na montazhnye raboty, truбo-
provody i armatura. Moskva, Gos.izd-vo lit-ry po
stroit., arkhit.i stroit. materialam.
Pt.2. [Pipes from stainless steel, nonferrous
metals, and ferrosilid] Truboprovody iz
trub nerzhaveiushchikh stalei, tsvetnykh
metallov i ferrosilida, 1961. 300 p.

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet
po delam stroitel'stva. [List of current state standards
for the basic materials, articles, equipment, and
machines used in construction] Perechen' deistvu-
iushchikh gosudarstvennykh standartov na osnovnye
materialy, izdeliia, oborudovanie i mashiny,
primeniaemye v stroitel'stve. Po sostoianiiu na 1
marta 1961 g. Moskva, Gos.izd-vo lit-ry po stroit.,
arkhit.i stroit. materialam, 1961. 69 p.

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po
delam stroitel'stva. [Norms and technical specifica-
tions for planning sheep farms SN 130-60] Normy i
tekhnicheskie usloviia proektirovaniia ovtsevodcheskikh
ferm SN 130-60. Moskva, Gos.izd-vo lit-ry po stroit.,
arkhit.i stroit.materialam, 1961. 12 p.

RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Supplement to part 21 of the manual on consolidated indices of the cost of planning and research, agricultural enterprises, buildings, and constructions] Dopolnenila k chasti 21 spravochnika ukrupnennykh pokazatelei stoimosti proektnykh i izyskatel'nykh rabot, sel'skokhoziaistvennye predpriiatiia, zdaniia i sooruzhenila. Vvodiatsia v deistvie s 1 aprelia 1961. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 12 p.

RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Technical specifications SN 26-58 for the preparation and erection of vertical steel cylindrical storage tanks] Tekhnicheskie uslovila izgotovlenila i montazha stal'nykh tsilindricheskikh vertikal'nykh rezervuarov dlia khraneniia nefti i nefteproduktov SN 26-58. Perelzdanie s izmeneniiami, vvedennymi v deistvie s 1 iiulia 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 46 p.

RUSSIA (1923- U. S. S. R.) Komitet po delam mer i izmeritel'nykh priborov. [Centennial of the State Service of Weights and Measures, 1845-1945] Sto let gosudarstvennoi sluzhby mer i vesov v SSSR. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1945. 376 p. (SSSR. Gosudarstvennye standarty)

RUSSIA (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Centennial of the State Service of Weights and Measures, 1845-1945] Sto let gosudarstvennoi sluzhby mer i vesov, 1845-1945. Moskva, 1945. 22 p.

RUSSIA (1923- U. S. S. R.) Ministerstvo geologii i okhrany nedr. [Studies on the dressing and industrial processing of minerals] Issledovanila po obogashcheniiu i tekhnologii poleznykh iskopaemykh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1961. 131 p.

RUSSIA (1923- U. S. S. R.) Ministerstvo putei sobshcheniia. [Engineering instructions (temporary) No 270-002] for the operation of automatic brakes with air distributors] Tekhnicheskie ukazaniia po ekspluatatsii avtotormozov s vozdukhoraspredelitelliami, usl. No. 270-002. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 29 p.

RUSSIA (1923- U. S. S. R.) Vsesoiuznyi komitet standartov. [Motor fuels] Topliva dlia dvigatelei. Izd. ofitsial'noe. Moskva, 1960. 76 p. (SSSR. Gosudarstvennye standarty)

RUSTAMOV, M. S. [Efficient use of the reserve capacity of deep beam well equipment] Voprosy ratsional'nogo ispol'zovaniia zapasa proizvoditel'nosti glubinnonasosnoi ustanovki. Baku, Azerbaidzhanskoe gos. izd-vo neft. i nauchno-tekhn. lit-ry, 1960. 106 p.

RUZHA, ZDANEK. [Electric resistance tensiometers. Translated from the Czech.] Elektricheskie tenzometry soprotivleniia. Pod red. N. P. Raevskogo. Moskva, Gos. energ. izd-vo, 1961. 335 p.

RYZHIKOV, A. A., and I. I. SANKOV, eds. [Automatic control and mechanization in casting] Avtomatizatsiia i mekhanizatsiia liteinogo proizvodstva; sbornik statei. [Gor'kii] Gor'kovskoe knizhnoe izd-vo, 1960. 187 p.

isotopes
a]
pri

SEDENKO, M. V. [Fundamentals of hydrogeology and engineering geology] Osnovy gidrogeologii i inzhenernoi geologii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 219 p.

SEMENOV, E. S. [Volunteer design office] Obshchestvennoe konstruktorskoe biuro. [Moskva] Mosk. rabochii, 1961. 52 p.

SERIAKOV, I. M. [Book for juvenile automobile drivers] Kniga iunogo avtomobilista. Izd 3., per. i dop. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1960. 370 p.

SEROSTANOV, G. I. [Mounting structural parts of a blast furnace with the BK-1425 crane] Montazh konstruktsii domennoi pechi kranom BK-1425. Moskva, Gos. izd-vo lit-ry po stroit. arkhit. i stroit materialam, 1961. 37 p. (Opyt pokazatel'nogo stroitel'stva promyshlennykh ob"ektov)

SHAKHMALIEV, G. M. [Studying the performance of a mechanical brake on a draw-works and devising an efficient system of lowering a drill tool] Issledovanie raboty mekhanicheskogo tormoza burovoi lebedki i razrabotka ratsional'nogo rezhima spuska buril'nogo instrumenta. Red. V. S. Shchedrov. Baku, Azerbaidzhanskoe gos. izd-vo neft. i nauchno-tekhn. lit-ry, 1960. 221 p.

SHAMANIN, A. V. [Special mandrels for lathes and circular grinding machines, verbatim report of lectures] Spetsial'nye opravki dlia tokarnykh i kruglosholifoval'nykh stankov, stenogramma lektsii. Leningrad, 1961. 21 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Serila: Mekhanicheskaia obrabotka metallov)

SHAUKENBAEV, T. SH. [The Ural-Emba oil region] Ural-Embenskii neftenosnyi raion. Alma-Ata, Kazakhskoe gos. izd-vo, 1960. 225 p. (MII)

SHISHKIN, A. M., and M. I. BORISOV. [Standards of liquid fuel consumption for automobiles, reference book] Normy raskhoda zhidkogo topliva dlia avtomobilei; spravochnik. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 174 p.

SHESTOPALOV, K. S. [Maintenance and repair of motor vehicles, mechanic's manual] Tekhnicheskoe obsluzhivanie i remont avtomobilei, posobie slesariu. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 198 p.

SHIFRINA, V. S., and N. N. SAMOSATSKII. [Polyethylene; preparation and properties] Polietilen; poluchenie i svoistva. Pod red. S. V. Shchukinskogo. Izd. 3., dop. i ispr. Leningrad, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1961. 174 p. (Novye plasticheskie massy)

SHNKEVICH, N. I., D. IU. MAIANTS, and I. V. MANTSVETOVA. [Collection of problems concerning threaded, welded, and riveted joints] Sbornik zadach po rez'bovym soedineniiam. Obshchaia red. N. I. Shinkevicha. Minsk, Redaktsionno-izdatel'skii otdel BPI im. I. V. Stalina, 1961. 93 p.

SHLIAPIN, K. R. [The VARZ-1 small-bracket swing crane] Malogabaritnyi konsol'no-povorotnyi kran VARZ-I. Leningrad, 1961. 13 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila Mekhanicheskaia obrabotka metallov, no. 13)

SHMAKOV, A. T., and SH. Z. GAITSGORI. [Manual for a mechanic in furniture factories] Spravochnik mekhanik[illegible]nykh predpriiatii. Pod obshchei red. A. M. [illegible]. Moskva, Vses. koop. izd-vo, 1960. 631 p.

[Refining and strengthening of
Chistovaia obrabotka i uprochne-
em; bibliograficheskii ukazatel',
p. (Leningradskii Dom nauchno-
gandy. Nauchno-tekhnicheskaia

ic self-oscillator] Avtogeneratory
letanii. Moskva, Gos. energ.

ig iron with a minimum consump-
chuguna s minimal'nym raskho-
Gos. nauchno-tekhn. izd-vo
etnoi metallurgii, 1960. 61 p.

. OLESHKO. [Improving the
of the Osnova Railroad Station]
ekhnologii raboty stantsii Osnova.
ol'sko-poligr. ob"edinenie M-va
1961. 34 p.

taining the efficiency of indus-
rvey of operating procedures]
tehnosti promyshlennykh
laionnye meropriiatiia.
31. 53 p. (Leningradskii Dom
propagandy. Razdel:

[SMALL HARD-ALLOY FORMING CUTTING TOOLS MADE OF PLASTICIZED BLANKS, abridged r[illegible] of lectures delivered in the Leningrad House [illegible]entific and Technical Propaganda at the "Ma[illegible] of cutting tools" seminar] Tverdosplavnyi fa[illegible] malogabaritnyi instrument iz plastifitsirovan[illegible] zagotovok, sokrashchennaia stenogramma d[illegible] prochitannykh v LDNTP na seminare "Instru[illegible]noe proizvodstvo." Leningrad, 1961. 26 p. (Leningradskii Dom nauchno-tekhnicheskoi pr[illegible]. Serila: Mekhanicheskaia obrabotka metallov.)

SOKOLOV, I. IU., ed. [Methodological handbo[illegible] determination of microcomponents in natural [illegible] during prospecting for ore deposits] Metod[illegible] rukovodstvo po opredeleniiu mikrokomponent[illegible] prirodnykh vodakh pri poiskakh rudnykh mest[illegible]denii. Moskva, Gos. nauchno-tekhn. izd-vo lit-[illegible] po geol. i okhrane nedr, 1961. 287 p.
[MICROFILM]

SOKOLOV, N. L. [Modern processes of hot stamp[illegible] forging and stamping crank presses, survey] [illegible] vanced practice in automobile industry] Progres[illegible] protsessy goriachei shtampovki na krivoshipn[illegible] kovochno-shtampovochnykh pressakh; obzor pe[illegible] vogo opyta avtomobil'noi promyshlennosti. Pod r[illegible] P. V. Kamneva. Leningrad. (Leningradskii D[illegible] nauchno-tekhnicheskoi propagandy. Serila I[illegible] gorlachaia shtampovka)
Pt. 1. 1961. 52 p.
Pt. 2. 1961. 55 p.

SOKOLOVSKII, A. F., and V. P. EVSTIGNEEV. [Pa[illegible] tion quality] Kachestvo produktsii. Moskva, Izd[illegible] "Znanie," 1961. 46 p. (Vsesoiuznoe obshche[illegible] raspro[illegible]anenilu politicheskikh i nauchnykh z[illegible] Ser. 3, Ekonomika, no. 14)

SOKOLOVSKII, A. L. [Physicochemical foundatio[illegible] caramel industry] Fiziko-khimicheskie osnovy proizvodstva karameli. Izd. 2., perer. i dop. M[illegible] Pishchepromizdat, 1961. 131 p.

SOLNTSEV, IU. P., M. F. GALKIN, and V. A. LITVAK. [Reducing metal consumption for risers of ingots and castings] Puti snizhenila raskhoda metalla na pribyl'nuiu chast' slitkov i otlivok. Leningrad, 1[illegible] 21 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila Liteinoe proizvodstvo, no. 2)

SOROKIN, B. V. [Straightening tracks on reinforced-concrete ties, during regular maintenance] Vypra[illegible] puti na zhelezobetonnykh shpalakh, pri tekush[illegible] soderzhanii. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 29 p.

SPIRIDONOV, A. A., and A. A. SEMKIN. [New eq[illegible] for automatic hard facing by semicircular wea[illegible] arc] Novoe oborudovanie dlia avtomaticheskoi [illegible] dugovoi naplavki. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 72 p.

STEPANENKO, M. A., IA. A. BRON, and N. K. KULAEV. [Production of pitch coke] Proizvodstvo pekovogo koksa. Khar'kov, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 311 p.

STRUGOVSHCHIKOV, D. P. [Steel casting, textbook for the training of qualified production workers] Razlivka stali; uchebnoe posobie dlia podgotovki kvalifitsirovannykh rabochikh na proizvodstve. Izd. 2. ispr. i do[illegible] Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie 1961. 176 p.

STURLIS, IU. L. [Mechanized automobile washing] Mekhanizatsiia moiki avtomobilei. Moskva, Nauch[illegible] tekhn. izd-vo M-va avtomobil'nogo transp. i shos[illegible] seinykh dorog RSFSR, 1961. 79 p. (Obmen tekhnich[illegible] skim opytom avtotransportnykh predpriiatii)

SUDAKOV, V. V. [Using radioactive radiation to con[illegible] the density of building materials] Primenenie rad[illegible] aktivnykh izluchenii dlia kontrolia plotnosti stro[illegible] nykh materialov. Leningrad, 1961. 22 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila: Stroitel'naia promyshlennost', no. 5)

SUKHOPAROV, O. N. [Improving technological proces[illegible] for manufacturing flat and many-sided punches and mandrels] Usovershenstvovanie tekhnologicheskogo protsessa izgotovlenila ploskikh i mnogogrannykh puansonov i opravok. Leningrad, 1961. 10 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila: Mekhanicheskaia obrabotka metallov, no. 6)

SUSHKEVICH, M. V. [Maintenance of tractors] Tekhnicheskii ukhod za traktorami. Pod red. M. A. Pavlova [Stavropol'] Stavropol'skoe knizhnoe izd-vo, 1960. 317 p.

SVECHNIKOV, S. V. [Gas-filled tube rectifiers and thyratrons, calculation and design principles] Gazotrony i tiratrony, osnovy rascheta i konstruirovaniia. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 333 p.

TAZ'BA, SH. L., and A. I. USHAKOV. [Using program control in the automation of a turret lathe] Avtomatizatsiia revol'vernogo stanka s primeneniem programmnogo upravleniia. Leningrad, 1961. 24 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia Modernizatsiia, avtomatizatsiia i remont oborudovaniia, no 2)

[TECHNOLOGICAL ASPECTS OF THE REPAIR OF CRAWLER VEHICLES] Tekhnologiia remonta gusenichnykh mashin Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 466 p

TERENT'EV, M. M. [Studying heat engines in the physics course for the ninth grade] Izuchenie teplovykh dvigatelei v kurse fiziki IX klassa, posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1958. 125 p.

TETERICH, N. M. [Noise generators] Generatory shuma. Moskva, Gos. energ. izd-vo, 1961. 183 p.

TIMOFEEVA, V. L., M. D. NIKITIN, and S. F. FEDOROV. [Manufacturing unit-cast turbine runners by the method of precision investment molding with centrifugal pouring] Opyt izgotovleniia tsel'nolitykh koles turbin metodom lit'ia po vyplavliaemym modeliam s tsentrobezhnoi zaliv koi. Leningrad, 1961. 14 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia Liteinoe proizvodstvo, no. 3)

TISENKO, N. G. [Self compensating wire strain gauges for general use] Samokompensiruiushchie provolochnye tenzodatchiki obshchego naznacheniia. Leningrad, 1961. 43 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia Kontrol' kachestva produktsii, no. 3)

TIURIAKOV, V. G. [Finishing press working of cylindrical holes and planes; practices of the Tzhorsk Plant] Chistovaia obrabotka davleniem tsilindricheskikh otverstii i ploskostei, opyt Izhorskogo zavoda. Leningrad, 1961. 10 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Mekhanicheskaia obrabotka metallov, no. 10)

TIURKIAN, R. A., and others. [Information for workers on vertical shafts, shaft bottoms, and chambers] Pamiatka prokhodchika vertikal'nykh stvolov, okolostvol'nykh dvorov i kamer. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 71 p. (Tekhnika bezopasnosti)

TRUNIN, A. P., I. M. DERIABIN, and I. V. BESPALOV. [Engineering preparation for large-element construction; from the experience of Leningrad construction projects] Inzhenernaia podgotovka krupnoelementnoi zastroiki, iz opyta leningradskikh strok. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit materialam, 1961. 171 p.

TSENTRAL'NAIA STANTSIIA IUNYKH TEKHNIKOV, Moscow. [Our new models] Nashi novye modeli. [Moskva] M-vo kul'tury RSFSR, Izd-vo "Detskii mir" [1960] 1 fold. l. (Prilozhenie k zhurnalu "Iunyi tekhnik," no. 5(71))

TSUKERMAN, N. IA. [Building precast and prestressed reinforced concrete tanks] Opyt stroitel'stva sbornykh i predvaritel'no napriazhennykh zhelezobetonnykh rezervuarov. Leningrad, 1961. 22 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Stroitel'naia promyshlennost', no. 2)

TSUPRUN, L. I., and M. I. TARYTINA. [Study of the behavior of stainless steel 1Kh18N9T in contact with liquid lead, bismuth, and their eutectic alloy at a temperature of 500—600° C] Issledovanie povedeniia nerzhaveiushchei stali 1Kh18N9T v kontakte s zhidkim svintsom, vismutom i ikh evtekticheskim splavom pri temperature 500–600° C. Moskva, 1955. 9 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

TURCHIN, N. IA. [Construction of substations and the electrical units of the station] Sooruzhenie podstantsii i elektricheskoi chasti stantsii. Moskva, Gos. energ. izd-vo, 1961. 287 p.

USACHEV, L. N. [Equation covering the importance of neutrons, reactor kinetics, and the perturbation theory] Uravnenie dlia tsennosti neitronov, kinetika reaktora i teoriia vozmushchenii. Moskva, 1955. 21 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

USATIUK, M. K. [Manual for fruit and vegetable growers, salting, fermenting, pickling and other methods of processing vegetables, fruits, and mushrooms] Spravochnik plodoovoshchnika; po voprosam solenia, kvashenia, marinovania i drugikh vidov pererabotki ovoshchei, plodov i gribov. Moskva, Gos. izd-vo torg. lit-ry, 1961. 214 p.

USHA, A. L. [Computing device with automatic halting of the process at a predetermined number of impulses] Schetnoe ustroistvo s avtomaticheskoi ostanovkoi protsessa po zaranee zadannomu kolichestvu impul'sov. Leningrad, 1961. 9 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia Pribory i elementy avtomatiki, no. 1)

USIKOV, S. V. [Contactless high-frequency methods of measuring the conductivity and dielectric permeability of solutions] Vysokochastotnye metody izmereniia provodimosti i dielektricheskoi pronitsaemosti rastvorov beskontaktnym sposobom, Leningrad 1961. 23 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Pribory i elementy avtomatiki, no. 8)

UVAROV, V. V., and A. P. CHERNOBROVKIN. [Gas turbines] Gazovye turbiny Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 140 p (Sovetskoe mashinostroenie v 1959-1965 g. g.)

VAINBERG, A. M. [Induction smelting furnaces] Induktsionnye plavil'nye pechi Moskva, Gos. energ izd-vo, 1960. 455 p

VAINSHTEIN, B. S. [Theory and practice of selecting the most efficient estimates, lecture transcript] Teoriia i praktika vybora nailuchee effektivnykh proektnykh reshenii; stenogramma lektsii. Leningrad, 1961. 25 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Seriia Stroitel'naia promyshlennost')

VAKHROMEEV, S. A. [Mineral resources, their classification and formation] Mestorozhdeniia poleznykh iskopaemykh, ikh klassifikatsiia i usloviia obrazovaniia. Pod red. E. E. Zakharova i F. I. Vol'fsona. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1961. 462 p.

VAKSER, D. B., ed. [Practice in making and using diamond cutting tools] Opyt izgotovleniia i primeneniia almaznogo instrumenta. Leningrad, Leningr. Dom nauchno-tekhn. propagandy, 1961. 67 p.

VEGNER, O. G. [Theory and practice of commutation in d.c. machinery] Teoriia i praktika kommutatsii mashin postoiannogo toka Moskva, Gos. energ. izd-vo, 1961. 271 p.

VEITSMAN, M. I., A. IA. VOLKOV, and E. F. LEVITSKII. [Building automobile roads] Stroitel'stvo avtomobil'nykh dorog. Pod red. N. N. Ivanova. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR.
Pt. 3. [Road construction enterprises and quarries] Proizvodstvennye predpriiatiia i kar'ery, 1961. 318 p.

VEROMAN, V. IU. [Ultrasonic shaping of materials] Razmernaia ul'trazvukovaia obrabotka materialov. Pod obshchei red. L. IA. Popilova. Moskva, Gos nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 65 p. (Bibliotechka elektrotekhnologa i ul'trazvukovika, no. 6)

VERT, L. V., S. N. ROZANTSEV, and G. N. CHIBRIKOV. [Management of apartment houses] Ekspluatatsiia zhilykh domov. Moskva, Izd-vo kommun. khoz. RSFSR, 1960. 229 p.

VERZUNOV, M. V. [Radiotelegraphy] Radiotelegrafirovanie. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 78 p. (Tekhnika sviazi)

VIAZNIKOV, N. F. [Thermal treatment of steel] Termicheskaia obrabotka stali. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 349 p.

VIDUEV, N. G., and others. [Surveying in bridge construction] Geodezicheskie raboty v mostostroenii. Pod red. N. G. Viduova. Moskva, Izd-vo geodez. lit-ry, 1961. 137 p.

VILL', V. I. [Friction welding of metals] Svarka metallov treniem. Leningrad, 1961. 13 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Svarka i paika, no. 1)

VISIN, N. G. [Synchronous starting of S^F and S^F_3 electric sections; practice of the workers of the Bezymyanka repair shop of the Kuybyshev Railroad] Sinkhronnyi pusk elektrosektsii S^F i S^F_3; opyt raboty kollektiva elektrodepo Bezymianka Kuibyshevskoi dorogi. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenia, 1961. 42 p.

VLASOVA, N. S., V. I. KLASSEN, and I. N. PLAKSIN. [Principles of selecting reagents for flotation of difficult-to-dress coal fines] O printsipakh podbora reagentov dlia flotatsionnogo obogashchenia melochi trudnoobogatimykh uglei. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 33 p.

VOLOSEVICH, F. P. [Checking devices and measurement methods, practice of the Central Measurement Laboratory at the Kiev Plant] Kontrol'nye prisposobleniia i metody izmerenii, iz opyta raboty TsIL Kievskogo zavoda. Leningrad, 1961. 19 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia. Kontrol' kachestva produktsii, no. 6)

VORONTSOV, L. N. [Calculation and design of automatic devices for regulating linear quantities] Raschet i proektirovanie avtomaticheskikh ustroistv dlia kontrolia lineinykh velichin Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 331 p.

VOZNESENSKII, A. A. [Increase in the efficiency of small electric power plants] Povyshenie ekonomichnosti elektrostantsii nebol'shoi moshchnosti. Moskva, Gos. energ. izd-vo, 1961. 326 p.

VSESOIUZNOE SOVESHCHANIE PO KHIMICHESKOI PERERABOTKE NEFTIANYKH UGLEVODORODOV V POLUPRODUKTY DLIA SINTEZA VOLOKON I PLASTICHESKIKH MASS, 1957. [Proceedings of the All-Union Conference on the Chemical Processing of Petroleum Hydrocarbons into Intermediate Products for the Synthesis of Fibers and Plastics] Trudy. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1960. 313 p.

VSESOIUZNOE SOVESHCHANIE PO MAGNITNOI STRUKTURE FERROMAGNETIKOV, Krasnoyarsk, 1958. [Materials of the All-Union Conference on Ferromagnetic Substances] Materialy. Novosibirsk, Izd-vo Sibirskogo otd-niia AN SSSR, 1960 240 p.

VUL'MAN, G. L. [Current trends in the manufacture of turbogenerators] Sovremennye tendentsii v turbogeneratorostroenii Moskva, Gos. energ. izd-vo, 1961. 55 p. (Energetika za rubezhom)

ZAKS, I. A. [Arc welding of nickel] Elektrodugovaia svarka nikelia Leningrad, 1961. 21 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom Seriia: Svarka i paika metallov, no. 2)

ZALOTUKHIN, E. S. [Pneumatic control devices for machine tools] Pnevmaticheskie ustroistva, avtomatiziruiushchie rabotu stankov. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1959. 45 p. (Novoe v tekhnike)

ZAL'TSMAN, I. M., and N. V. LUK'IANOV. [Manufacturing and installing stamped steel radiators] Opyt izgotovlenia i montazha stal'nykh shtampovannykh nagrevatel'nykh priborov. Leningrad, 1961. 21 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia Stroitel'naia promyshlennost', no. 7)

ZAMNIUS, F. K. [Use of plastics in industrial and civil construction; lecture plan] Primenenie plastmass v promyshlennom i grazhdanskom stroitel'stve, konspekt lektsii. Khar'kov, M-vo vysshego i srednego spetsial'nogo obrazovaniia USSR, 1960. 22 p.

[MICROFILM]

ZASORIN, S. N., and others. [Ionic and electronic current converters] Ionnye i elektronnye preobrazovateli. Pod obshchei red. M. A. Chernyshieva. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenia, 1961. 306 p.

ZAVARSKII, E. V., and E. N. BABIN. [Eliminating defects in the TE3 diesel locomotive] Ustranenie nedostatkov teplovoza TE3. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenia, 1961. 59 p. (Bibliotechka mashinista teplovoza)

ZAV'IALOV, M. A. [Central control system on logging roads, textbook for forestry and lumbering schools] Dispetcherizatsiia na lesovoznykh dorogakh, posobie dlia lesotekhnicheskikh shkol. Moskva, Goslesbumizdat, 1960. 143 p.

ZELENIN, E. V. [Elements of descriptive geometry in school; aid for teachers of mechanical drawing] Elementy nachertatel'noi geometrii v shkole; v pomoshch' uchiteliu chercheniia. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1955. 227 p.

ZHILINSKII, P. P. [Pipe-laying machinery; operation and repair] Truboukladchiki, eksploatatsiia i remont. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 129 p. (V pomoshch' stroiteliam truboprovodov)

ZHIL'TSOV, P. N., and G. I. KOLIADA. [Concise manual on signaling, interlocking and block systems] Kratkii spravochnik po signalizatsii, tsentralizatsii i blokirovke. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 137 p.

ZHIVOTOVSKII, A. G. [Scrubber apparatus with S-bend spray throwers and the effectiveness of its use in certain industries] Skrubbernaia kamera s S-obraznymi razbryzgivateliami i raisional'nost' ee primeneniia v nekotorykh proizvodstvakh. L'vov, L'vovskii politekhn. in-t, 1959. 141 p.

ZHIVOV, M. A., and V. P. PANKOV. [Manual for operators of machinery used in municipal sanitation] Spravochnik mekhanika po mashinam dlia sanitarnoi ochistki gorodov. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1960. 183 p.

ZHOLDAK, S. A. [Technology of the manufacture of small gyroscopic motors] Tekhnologiia izgotovleniia malogaboritnykh giromotorov. Leningrad, Gos. soiuznoe izd-vo sudostroit.-promyshl., 1961. 286 p.

ZLOTNIKOV, I. M., and P. P. RAKOV. [Recovery, refining, and use of casing-head gas] Sbor, pererabotka i ispol'zovanie poputnogo neftianogo gaza. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 35 p. (V pomoshch' rabotnikam gazovoi promyshlennosti)

17. MILITARY & NAVAL SCIENCES

ALEKSEEV, G. M. [Use of cargo loading equipment and work with heavy loads, lectures for correspondence students specializing in ship handling at higher marine engineering schools of the Ministry of the Merchant Marine of the U. S. S. R.] Ispol'zovanie gruzovogo ustroistva i rabota s tiazhelovesami, lektsii dlia studentov-zaochnikov sudovoditel'skoi spetsial'nosti vysshikh inzhenernykh morskikh uchilishch MMF. Moskva, Izd-vo "Morskoi transport," 1961. 115 p.

[ATOMIC ICEBREAKER "LENIN"] Atomnyi ledokol "Lenin." [n. d.] M-vo morskogo flota [1960] 14 p. (Vystavka dostizhenii narodnogo khoziaistva SSSR) [MICROFILM]

CHECHNEVA, M. P. [Airplanes take off into the night] Samolety ukhodiat v noch'. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 156 p. (Voennye memuary)

CHISTYI, L. [Dissemination of military knowledge in the lower echelons of the All-Union Voluntary Society for Assistance to the Army, Air Force, and Navy] Propaganda voennykh znanii v pervichnoi organizatsii DOSAAF. Moskva, Izd-vo DOSAAF, 1958. 69 p. (V pomoshch' predsedateliu komiteta pervichnoi organizatsii DOSAAF) (NNC)

DOSPANOVA, KHIVAZ. [Under Raskova's command; reminiscences of an Air Force pilot] Pod komandovaniem Raskovoi; vospominaniia voennogo letchika. Alma-Ata, Kazakhskoe gos. izd-vo khudozh. lit-ry, 1960. 82 p.

GUEVARA, ERNESTO. [Guerilla warfare. Translated from the Spanish] Partizanskaia voina. Moskva, Izd-vo inostr. lit-ry, 1961. 134 p. (DS)

KONDRASHIKHIN, V. T., and A. N. RAKHOVETSKII. [Accuracy of the astronomic determination of a ship's position] Tochnost' astronomicheskikh opredelenii mesta sudna. Moskva, Izd-vo "Morskoi transport," 1961. 69 p.

KORABLEV, M. D. [Participation of the population in civil defense] Uchastie naseleniia v avarilno-spasatel'nykh rabotakh. Moskva, Izd-vo DOSAAF, 1960. 45 p.

LAVRUK, V. I. [The first ones on the Caspian; sketches on shock workers of communist labor] Pervye na Kaspii; ocherki ob udarnikakh kommunisticheskogo truda. Moskva, Izd-vo "Morskoi transport," 1961. 73 p.

LIANDA, IU. N. [Procedure for introducing borrowed progressive practices into an industrial enterprise] Poriadok vnedreniia zaimstvovannogo peredovogo opyta na promyshlennom predpriiatii. Leningrad, 1960. 27 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Serila: Metodika postanovki nauchno-tekhnicheskoi informatsii i propagandy)

LOVI, A. A., and others. [Regulations for small arms fire] Pravila strel'by iz strelkovogo oruzhiia. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 118 p.

NIKIFOROV, M. I. [Formation of ice cover on trawls] Obledenenie traulerov. [Kaliningrad] Kaliningradskoe knizhnoe izd-vo, 1960. 19 p. (Bibliotechka rybaka)

PRZHIEMSKII, IU. B. [Raft for a tourist voyage] Plot dlia turistskom puteshestvii. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1961. 94 p.

RUSSIA (1923- U. S. S. R.) Glavnoe upravlenie Severnogo morskogo flota. Instruktsiia dlia kapitanov sudov o plavanii mezhdu Vaigachem Novozemel'skimi prolivami (IUgorskim Sharom, Karskimi Vorotami) ili mysom Zhelaniia i portom Igarka na reke Enisei. Instructions of captains of vessels navigating between Southern Straits of Novaya Zemlya (Yugorski Strait, Kara Gate Straits) or Cape Mauritius and the Port of Igarka on the Yenisei River. [Moskva, 19], 22 p. [Parallel texts in Russian and English] [MICROFILM]

SAZONOV, I. F. [First Guards; military history of the Order of Lenin First Guards Rifle Division] Pervaia gvardeiskaia; boevoi put' 1-i gvardeiskoi ordena Lenina strelkovoi divizii. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 230 p.

SMIRNOV, B. M. [Economic analysis in the design of seagoing vessels] Ekonomicheskii analiz pri proektirovanii morskikh sudov. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 375 p.

STETSIUK, L. S. [The tank unit in battle] Tankovye podrazdeleniia v boiu. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 254 p.

[TIDE TABLES; waters of the Asian part of the U. S. S. R. and adjacent foreign areas. Pt. 1: Tides in principal ports. Pt. 2: Corrections for auxiliary stations and harmonic tidal constants] Tablitsy prilivov, vody Aziatskoi chasti SSSR i prilegaiushchikh zarubezhnykh raionov. Pt. 1: Prilivy v osnovnykh portakh. Pt. 2. Popravki dlia dopolnitel'nykh punktov i garmonicheskie postoiannye prilivov. Leningrad, Gidrometeoizdat, 1960. 191 p.

TURSKI, JOSEF. [We number a million. Translated from the Polish] Nas million. Moskva, Izd-vo DOSAAF, 1959. 69 p. (NNC)

VUKOLOV, V. S. [Dzherzhinskii Regiment] Polk imeni Dzerzhinskogo. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 45 p.

PART B—PERIODICALS

An asterisk (*) appearing before a periodical title indicates that it is available in full English translation. For publishers of such translated periodicals, their subscription prices, etc., see listing at end of this issue.

1. GENERAL

a. SCHOLARLY JOURNALS

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Izvestiia. Seriia fiziko-matematicheskikh i tekhnicheskikh nauk [ACADEMY OF SCIENCES OF THE AZERBAIJAN S.S.R. Bulletin. Series in the Physical, Mathematical, and Technological Sciences]. Baku, no. 2, 1961. [In Russian and Azerbaijani with summaries in Russian.]

AKADEMIIA NAUK KIRGIZSKOI SSR, Frunze. Izvestiia. Seriia estestvennykh i tekhnicheskikh nauk [ACADEMY OF SCIENCES OF THE KIRGHIZ S.S.R. Bulletin. Series in the Natural and Technological Sciences]. Frunze, vol. 2, no. 9, 1960; vol. 3, no. 1, 1961. [In Russian with summaries in Kirghiz.]

AKADEMIIA NAUK SSSR. Institut narodov Azii. Uchenye zapiski [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of the Peoples of Asia. Studies]. Moscow, vol. 22, 1960.

AKADEMIIA NAUK SSSR. Karel'skii filial. Petrozavodsk. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Karelian Branch. Transactions]. Petrozavodsk, no. 26, 1961.

AKADEMIIA NAUK SSSR. Vostochno-Sibirskii filial. Irkutsk. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. East Siberian Branch. Transactions]. No. 16, 1961.

No. 34, 1961.
Contents: Reshchikov, M. A. [Steppes of western Transbaikalia] Stepi Zapadnogo Zabaikal'ia. 171 p.

No. 42, 1961.
Contents: Bardunov, L. V. [Frondiferous mosses of the coastal and mountainous regions of the northern Baikal] Listostebel'nye mkhi poberezhii i gor Severnogo Baikala. 110 p.

AKADEMIIA NAUK BSSR, Minsk. Vestsi. Seryia hramadskikh navuk [ACADEMY OF SCIENCES OF THE WHITE RUSSIAN S.S.R. Bulletin. Series in the Social Sciences]. Minsk, no. 2, 1961. [In White Russian.]

IRKUTSK. UNIVERSITET. Trudy [UNIVERSITY. Transactions]. Vol. 24, 1958. Seriia geograficheskaia, no. 1.

LENINGRAD. GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT IM. A. I. GERTSENA. Uchenye zapiski [STATE PEDAGOGICAL INSTITUTE. Studies]. Vol. 205, 1960.

LENINGRAD. UNIVERSITET. Vestnik [UNIVERSITY. Review].
Vol. 16, no. 13, 1961. Seriia matematiki, mekhaniki i astronomii [Series in mathematics, mechanics, and astronomy], no. 3. [With summaries in English.]
Vol. 16, no. 14, 1961. Seriia istorii, iazyka i literatury [Series in history, language, and literature], no. 3. [With summaries in English.]

MOSCOW. MOSKOVSKII GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. Uchenye zapiski [MOSCOW STATE PEDAGOGICAL INSTITUTE. Studies]. Vol. 157, 1960.
Contents: Shpil'kova, V. I. [Imperialist policy of the U.S.A. toward Turkey, from 1914 to 1920] Imperialisticheskaia politika SShA v otnoshenii Turtsii; 1914 - 1920 gg. 152 p.

OBSHCHESTVENNYE NAUKI V UZBEKISTANE [SOCIAL SCIENCES IN UZBEKISTAN]. Issued by Akademiia nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S.S.R.]. Tashkent, no. 5, 1961. [In Russian or Uzbek with summaries in the other language.]

SOVETSKAIA ANTARKTICHESKAIA EKSPEDITSIIA, 1955-1958. Informatsionnyi biulleten' [SOVIET ANTARCTIC EXPEDITION, 1955-1958. Information Bulletin]. Leningrad, nos. 26-27, 1961.
[PHOTOCOPY]

STALINABAD. UNIVERSITET. Uchenye zapiski [UNIVERSITY. Studies]. Vol. 18, 1958. Fiziko-matematicheskii fakul'tet. Trudy [Physics and mathematics Department. Transactions.]

TOMSK. UNIVERSITET. Trudy [UNIVERSITY. Transactions]. Vol. 149, 1960.

YAROSLAVL. GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. Nauchnoe studencheskoe obshchestvo. Sbornik studencheskikh nauchnykh rabot [STATE PEDAGOGICAL INSTITUTE. Student Scholarly Society. Collected Student Papers]. No. 3, 1959.

b. POPULAR MAGAZINES

AZIIA I AFRIKA SEGODNIA [ASIA AND AFRICA TODAY]. Issued by Institut narodov Azii and Institut Afriki Akademii nauk SSSR [Institute of the Peoples of Asia and the Institute of Africa of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 4, 7, Apr., July 1961. [Supersedes Sovremennyi Vostok.]

BELARUS' [WHITE RUSSIA]. Organ of Saiuz pis'mennikau BSSR [Association of Writers of the White Russian S.S.R.]. Minsk, vol. 18, nos. 7(204)-8(205), July-Aug. 1961. [In White Russian.]

BELARUSKAIA MOLADZ'. BYELORUSSIAN YOUTH. Issued by Zgurtavan'ne belaruskae moladzi u Amerytsy [White Russian Youth Association of America]. New York, no. 10, Apr.-June 1961. [In White Russian]

BIAROZKA [THE LITTLE BIRCH]. Issued by TSentral'ny kamitet Leninskaha komunistychnaha saiuza moladzi Belarusi and Respublikanki Savet pilanerskai arganizatsyi imia V.I. Lenina [Central Committee of the White Russian Communist Youth League of Lenin and the Republican Council of Lenin Pioneers]. Minsk, vol. 37, no. 8, Aug. 1961. [In White Russian.]

BRAVINOK [PERIWINKLE]. Issued by TSentral'nyi komitet Lenina'koho komunistychnoho soiuzu molodi Ukrainy and Respublikans'ka rada Vsesoiuznoi pioners'koi organizatsii imeni V.I. Lenina [Central Committee of the Ukrainian Communist Youth of Lenin and the Republican Council of the All-Union Lenin Pioneers]. Kiev, no. 9, Sep. 1961. [In Ukrainian.]

KAPKĂN; Chuvashskii satiricheskii zhurnal [TRAP; Chuvash Satirical Magazine]. Cheboksary, vol. 21, nos. 12(381)-16 (385), June-Aug. 1961. [In Chuvash.]

KHORPUSHTAK [HEDGEHOG]. Stalinabad, no. 6(68), June 1961. [In Tajik.]

KITAI [CHINA]. Published by Izdatel'stvo literatury na inostrannykh iazykakh [Publishing House for Literature in Foreign Languages]. Peiping, nos. 7-8, 1961. Spetsial'nyi vypusk [Special Issue].

KROKODIL [CROCODILE]. Issued by gazeta [Newspaper] "Pravda." Moscow, vol. 40, nos. 16(1630)-19(1633), 20(1634)-24(1638), June-Aug. 1961.

KUL'TURA I ZHIZN' [CULTURE AND LIFE]. Issued by Soiuz sovetskikh obshchestv druzhby i kul'turnoi sviazi s zarubezhnymi stranami [Union of Soviet Societies for Friendship and Cultural Relations with Foreign Countries]. Moscow, vol. 5, nos. 6-7, 1961.

MĚDENIET ZHĚNE TŰRMYS [CULTURE AND LIFE]. Issued by Ministerstvo kul'tury Kazakhskoi SSR [Ministry of Culture of the Kazakh S.S.R.]. Alma-Ata, no. 7, July 1961. [In Kazakh.]

MURZILKA [TINY TOT]. Issued by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi and TSentral'nyi sovet Vsesoiuznoi pionerskoi organizatsii imeni V.I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the V.I. Lenin All-Union Pioneer Organization]. Moscow, no. 8, Aug. 1961.

MUSHTUM [PUNCH]. Tashkent, vol. 39, nos. 10(604)-12(606), May-June 1961. [In Uzbek.]

NOVAIA KOREIA [NEW KOREA] Published by Izdatel'stvo literatury na inostrannykh iazykakh [Foreign-Language Publishing House]. Pyongyang, nos. 8(152), 10(154), 1961.

NOVOSTI KOREI [NEWS OF KOREA]. Issued by TSentral'noe telegrafnoe agentstvo Korei [Central Telegraph Agency of Korea]. Pyongyang, vol. 4, nos. 13-17, May-June 1961.

OGONEK [THE LITTLE LIGHT]. Moscow, vol. 39, nos. 23(1772), 27(1776)-30(1779), June-July 1961.

OTVETY NA VOPROSY TRUDIASHCHIKHSIA [REPLIES TO WORKERS' QUESTIONS]. Moscow, no. 4(125), 1961.

PERETS' [PEPPER]. Issued by Vydavnytstvo [Publishing House] "Radians'ka Ukraina." Kiev, vol. 21, no. 15 (458)-16(459), Aug. 1961. [In Ukrainian.]

PIONER [PIONEER]. Erivan, no. 7, July 1961. [In Armenian.]

PIONER [PIONEER]. Issued by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi and TSentral'nyi sovet Vsesoiuznoi pionerskoi organizatsii imeni V.I. Lenina. [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the All-Union Lenin Pioneers]. Moscow, vol. 38, no. 8, Aug. 1961.

PIONERIIA [PIONEERS]. Issued by TSentral'nyi komitet Lenina'koho komunistychnoho soiuza molodi Ukrainy and Respublikans'koi Rady Vsesoiuznoi pioners'koi organizatsii imeni V.I. Lenina [Central Committee of the Ukrainian Communist Youth League of Lenin and the Republic Council of the All-Union Lenin Pioneers]. Kiev, vol. 38, no. 9(454), Sep. 1961. [In Ukrainian.]

RABOCHE-KRESTIANSKII KORRESPONDENT [WORKERS' AND PEASANTS' CORRESPONDENT]. Published by Izd-vo [Publishing House] "Pravda." Moscow, no. 8, Aug. 1961.

RODNYE DALI [BELOVED VISTAS]. Hollywood, Calif., vol. 8, nos. 88, 90, July, Sep. 1961.

SAMOSTIINA UKRAINA, INDEPENDENT UKRAINE. Published by TSentral'na uprava Organizatsii derzhavnoho vidrodzhennia Ukrainy [Central Administration of the Organization for the Rebirth of Ukraine]. Chicago, vol. 14, nos. 5/6(147-148)-7/8 (149-150), May-Aug. 1961. [In Ukrainian.]

SKYNTEIA LENINISTE [LENINIST SPARK]. Issued by Moldavian Communist Youth League of Lenin. Kishinev, vol. 31, no. 8, Aug. 1961. [In Moldavian.]

SOVREMENNAIA MONGOLIIA [CONTEMPORARY MONGOLIA]. Ulan Bator, vol. 6, nos. 1(30), 3(40), Jan., Mar. 1961.

SUMIVETS'. Organ of Spilka ukrains'koi molodi Ameryky [Ukrainian American Youth Association]. New York, vol. 8, no. 2(36), May-Aug. 1961. [In Ukrainian.]

UKRAINA [THE UKRAINE]. Published by Vydavnytstvo "Radians'ka Ukraina" [Publishing House "Soviet Ukraine"]. Kiev, no. 15(294), Aug. 1961. [In Ukrainian.]

URAL'SKII SLEDOPYT [URAL PATHFINDER]. Issued by Sverdlovskoe otdelenie soiuza pisatelei and Sverdlovskii obkom VLKSM [Sverdlovsk Branch of the Association of Writers and the Sverdlovsk Province Committee of the All-Union Communist Youth League]. Sverdlovsk, no. [illegible], July 1961.

U [illegible] [illegible]. Tashkent, vol. [illegible] no. [illegible], June 1961. [Parallel texts in Uzbek and Russian.]

VOZHYK [illegible]. Issued by Tsentral'ny Kamitet Kamunistychnai partyi Belarusi [Central Committee of the Communist Party of White Russia]. Minsk, vol. [illegible], nos. [illegible], June–Aug. 1961. [In White Russian.]

VSESVIT [THE WORLD]. Issued by Spilka pys'mennykiv Ukrainy and Ukrains'ke tovarystvo druzhby i kul'turnoho zv'iazku z zarubizhnymy krainamy [Association of Writers of the Ukraine and the Ukrainian Society for Friendship and Cultural Relations with Foreign Countries]. Kiev, vol. 4, no. 8([illegible]), Aug. 1961. [In Ukrainian.]

V[illegible] [LIBERATION PATH]. London, vol. [illegible], no. [illegible], Aug. 1961. [In Ukrainian.]

ZHIZN' GLUKHIKH [LIFE OF THE DEAF]. Issued by Vserossiiskoe obshchestvo glukhikh [All-Russian Society of the Deaf]. Moscow, vol. [illegible], no. 8, Aug. 1961.

ZHIZN' SLEPYKH [LIFE OF THE BLIND]. Organ of Tsentral'noe pravlenie Vserossiiskogo obshchestva slepykh [Central Administration of the All-Russian Society of the Blind]. Moscow, vol. [illegible], nos. [illegible], July–Aug. 1961.

2 BIBLIOGRAPHY

a BIBLIOGRAPHY

AKADEMIIA NAUK SSSR. Biblioteka. [illegible] [ACADEMY OF SCIENCES OF THE U.S.S.R. Library. [illegible], the Library, System]. Moscow, [illegible], 1961.

BIULETEN' UKRAINS'KOI BIBLIOHRAFII [JOURNAL OF UKRAINIAN BIBLIOGRAPHY]. New York, vol. [illegible], no. [illegible], July–Aug. 1961. [In Ukrainian.]

[illegible] [illegible] BIBLIOGRAFII [illegible] [illegible] [INFORMATION [illegible] OF BIBLIOGRAPHICAL [illegible] AND [illegible], COMPILED BY THE LIBRARIES OF THE SOVIET UNION]. [illegible] [State Library of the U.S.S.R.]. Moscow, [illegible], June–July 1961.

KNIZHNAIA LETOPIS' [BOOK CHRONICLE]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, [illegible], 1961. [illegible] [Index of [illegible] for 1960].

LETOPIS' GAZETNYKH STATEI [CHRONICLE OF NEWSPAPER ARTICLES]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, [illegible] 1961.

LETOPIS' ZHURNAL'NYKH STATEI [CHRONICLE OF PERIODICAL ARTICLES]. Published by Vsesoiuznaia knizhnaia palata [All-[illegible]]. Moscow,

(cont.)

NOVAIA LITERATURA [illegible]

NOVAIA LITERATURA [illegible]

NOVAIA LITERATURA [illegible]

NOVAIA LITERATURA [illegible]

NOVAIA LITERATURA [illegible]

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NOVYE [illegible]

NOVYE KNIGI [illegible]

NOVYE KNIGI [illegible]

NOVYE KNIGI ZA RUBEZHOM [illegible] RADEAM [illegible] [NEW BOOKS [illegible] SOCIAL SCIENCES [illegible] International Relations [illegible] Literature] [illegible]. Moscow, [illegible].

V POMOSHCH' CHITATELIU [illegible] literatury [READERS' AIDS [illegible]]. Issued by [illegible] V. I. Lenina [State [illegible]]. Moscow, no. [illegible], 1961.

4 HISTORY

a GENERAL

AKADEMIIA NAUK SSSR. Institut istorii. Vestnik drevnei istorii [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of History. Review of Ancient History]. Moscow, no. 2, 1961.

AKADEMIIA NAUK TADZHIKSKOI SSR, Stalinabad. Institut istorii, arkheologii i etnografii. Trudy [ACADEMY OF SCIENCES OF THE TAJIK S.S.R. Institute of History, Archaeology, and Ethnology. Transactions] Stalinabad, vol. 25, 1960.
Contents: Sechkina, L. P. [Heroic work of the Tajik people during the Great Patriotic War] Trudovoi podvig tadzhikskogo naroda v gody Velikoi Otechestvennoi voiny 209 p.

Vol. 26, 1960.
Contents: Ershov, N. N. [Agriculture of the Tajiks in Leninabad District of the Tajik S.S.R. before the October Revolution, a historical and ethnographical study] Sel'skoe khoziaistvo tadzhikov Leninabadskogo raiona Tadzhikskoi SSR pered Oktiabr'skoi revoliutsiei; istoriko-etnograficheskii ocherk. 172 p.

AKADEMIIA NAUK TADZHIKSKOI SSR, Stalinabad. Institut istorii. Trudy [ACADEMY OF SCIENCES OF THE TAJIK S.S.R. Institute of History. Transactions]. Stalinabad, vol. 26, 1960.
Contents: Sharipov, IA. [How the foundation of socialism in Tajikistan was built, 1929-1932] Iz istorii postroeniia fundamenta sotsializma v Tadzhikistane; 1929-1932 gg. 102 p.

INSTITUT ZUR ERFORSCHUNG DER UdSSR. Materialy i soobshchenila Issledovatel'skogo otdela [INSTITUTE FOR THE STUDY OF THE U.S.S.R. Materials and Reports of the Research Department]. Munich, no. 25(153), May 1961.

ISTORIIA SSSR [HISTORY OF THE U.S.S.R.] Issued by Institut istorii Akademii nauk SSSR [Institute of History of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 5, no. 4, July-Aug. 1961.

KALENDAR' ZNAMENATEL'NYKH I PAMIATNYKH DAT [CALENDAR OF SIGNIFICANT AND MEMORABLE DATES]. Issued by Gosudarstvennoe izd-vo kul'turno-prosvetitel'noi lit-ry and Gosudarstvennaia publichnaia istoricheskaia biblioteka RSFSR [State Publishing House of Cultural and Educational Literature and the State Public Historical Library of the R.S.F.S.R.]. Moscow, vol. 6, no. 5, May 1961.

KALENDAR ZNAMENNYKH I PAM'IATNYKH DAT [CALENDAR OF SIGNIFICANT AND MEMORABLE DATES]. Issued by Derzhavna respublikans'ka biblioteka URSR [State Republic Library of the Ukrainian S.S.R.]. Kiev, 4th Quarter 1960. [In Ukrainian.]

MATERIALY PO ISTORII CHUVASHSKOI ASSR [MATERIALS ON THE HISTORY OF THE CHUVASH A.S.S.R.]. Issued by Nauchno-issledovatel'skii institut iazyka, literatury, istorii i ekonomiki pri Sovete Ministrov Chuvashskoi ASSR [Scientific Research Institute of Language, Literature, History, and Economics]. Cheboksary, no. 4, 1960.

MOSCOW. UNIVERSITET. Vestnik. Seriia 9 Istoricheskie nauki [UNIVERSITY. Review. Series 9 Historical Sciences]. Vol. 16, no. 4, July-Aug. 1961.

NOVAIA INOSTRANNAIA LITERATURA PO ISTORII, ARKHEOLOGII I ETNOGRAFII [NEW FOREIGN LITERATURE ON HISTORY, ARCHAEOLOGY, AND ETHNOGRAPHY]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 6, 1961.

PREPODAVANIE ISTORII V SHKOLE [TEACHING HISTORY IN SCHOOLS]. Published by Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol. 16, no. 4, July-Aug. 1961.

VESTNIK ISTORII MIROVOI KUL'TURY [REVIEW OF THE HISTORY OF WORLD CULTURE]. Issued by Otdelenie istoricheskikh nauk Akademii nauk SSSR [Department of Historical Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 3(27), May-June 1961. [With summaries in English.]

VOENNO-ISTORICHESKII ZHURNAL [MILITARY HISTORY JOURNAL]. Organ of Ministerstvo oborony SSSR [Ministry of Defense of the U.S.S.R.]. Moscow, vol. 3, no. 4, Apr. 1961.

VOPROSY ISTORII [PROBLEMS OF HISTORY]. Issued by Otdelenie istoricheskikh nauk Akademii nauk SSSR [Department of History of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 7-8, July-Aug. 1961.

b. ARCHAEOLOGY & ANTIQUITIES

MATERIALY I ISSLEDOVANIIA PO ARKHEOLOGII SSSR [MATERIALS AND RESEARCH IN THE ARCHAEOLOGY OF THE U.S.S.R.] Issued by Institut istorii materialnoi kul'tury Akademii nauk SSSR [Institute of History of Material Culture of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 89, 1960.
Contents: Fedorov, G.B. [The people of the Prut-Dniester interfluve during the first thousand years A.D.] Naselenie Prutsko-Dnestrovskogo mezhdurechia v I tyslacheletii n.e. 376 p.

No 90, 1960
Contents: Tikhonov, B.G., Grishin, IU.S. [Studies on the history of production in the Ural Mountain region and southern Siberia during the Bronze and early Iron Ages] Ocherki po istorii proizvodstva v Priural'e i Iuzhnoi Sibiri v epokhu bronzy i rannego zheleza. 206 p.

MATERIALY Z ARKHEOLOGII PIVNICHNOHO PRYCHORNOMOR'IA [MATERIALS ON THE ARCHAEOLOGY OF THE NORTHERN BLACK SEA REGION]. Odessa, no. 3, 1960. [In Ukrainian.]

5. SOCIAL SCIENCES

a. COMMERCE

BUKHGALTERSKII UCHET [ACCOUNTING]. Organ of Ministerstvo finansov SSSR [Ministry of Finance of the U.S.S.R.]. Moscow, vol. 10, no. 6, June 1961.

SOVETSKAIA TORGOVLIA [SOVIET COMMERCE]. Organ of Ministerstvo torgovli RSFSR [Ministry of Commerce of the R.S.F.S.R.]. Moscow, vol. 34, nos. 6-7, June-July 1961.

TORGOVLIA ZA RUBEZHOM; organizatsiia, novye metody, tekhnika torgovli i massovogo pitaniia [TRADE ABROAD, Organization, New Methods, and Equipment of Trade and Public Food Service]. Moscow, no. 8, 1961.

VNESHNIAIA TORGOVLIA [FOREIGN TRADE]. Organ of Ministerstvo vneshnei torgovli SSSR [Ministry of Foreign Commerce of the U.S.S.R.]. Moscow, vol. 11, nos. 6-7, 1961.

b. ECONOMICS

AKADEMIIA NAUK TURKMENSKOI SSR, Ashkhabad. Izvestiia. Seriia obshchestvennykh nauk [ACADEMY OF SCIENCES OF THE TURKMEN S.S.R. Bulletin. Series in the Social Sciences]. Ashkhabad, no. 1, 1961.

EKONOMIKA STROITEL'STVA [ECONOMICS OF CONSTRUCTION]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, nos. 6-7, June-July 1961.

MIROVAIA EKONOMIKA I MEZHDUNARODNYE OTNOSHENIIA [WORLD ECONOMICS AND INTERNATIONAL RELATIONS]. Issued by Institut mirovoi ekonomiki i mezhdunarodnykh otnoshenii Akademii nauk SSSR [Institute of World Economics and International Relations of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 7-8, July-Aug. 1961.

MOSCOW. FINANSOVYI INSTITUT. Nauchnye zapiski [FINANCE INSTITUTE. Studies]. No. 11, 1958.

MOSCOW. UNIVERSITET. Vestnik. Seriia 8: Ekonomika, filosofiia [UNIVERSITY. Review. Series 8: Economics, Philosophy]. Vol. 16, no. 4, July-Aug. 1961.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT EKONOMIKI SEL'SKOGO KHOZIAISTVA. Doklady i soobshcheniia. [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF AGRICULTURAL ECONOMICS. Reports and Papers]. no. 4, 1958.

NOVAIA INOSTRANNAIA EKONOMICHESKAIA LITERATURA [NEW FOREIGN ECONOMIC LITERATURE]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 6, 1961.

NOVAIA SOVETSKAIA EKONOMICHESKAIA LITERATURA [NEW SOVIET ECONOMIC LITERATURE]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 18-21, 1961.

PLANOVOE KHOZIAISTVO [PLANNED ECONOMY]. Issued by Gosekonomsovet SSSR and Gosplan SSSR [State Economic Council of the U.S.S.R. and the State Planning Commission of the U.S.S.R.]. Moscow, vol. 38, no. 8, Aug. 1961

REFERATIVNYI SBORNIK EKONOMIKA PROMYSHLENNOSTI [JOURNAL OF ABSTRACTS: ECONOMICS OF INDUSTRY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, no. 8, Aug. 1961.

SOVETSKAIA POTREBITEL'SKAIA KOOPERATSIIA [SOVIET CONSUMER COOPERATION]. Issued by TSentral'nyi soiuz potrebitel'skikh obshchestv SSSR [Central Association of Consumer Unions of the U.S.S.R.]. Moscow, vol. 5, nos. 6-8, June-Aug. 1961.

VESTNIK STATISTIKI [STATISTICAL REVIEW]. Organ of TSentral'noe statisticheskoe upravlenie SSSR [Central Statistical Administration of the U.S.S.R.]. Moscow, no. 7, 1961.

*VOPROSY EKONOMIKI [PROBLEMS OF ECONOMICS] Issued by Institut ekonomiki Akademii nauk SSSR [Institute of Economics of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 7-8, July-Aug. 1961.

c. FINANCE

DEN'GI I KREDIT [MONEY AND CREDIT]. Published by Gosudarstvennyi bank SSSR [U.S.S.R. State Bank] Moscow, vol. 19, no. 7, July 1961.

FINANSY SSSR [FINANCE OF THE U.S.S.R.]. Published by Ministerstvo finansov SSSR [Ministry of Finance of the U.S.S.R.]. Moscow, vol. 22, nos. 3, 7, Mar., July 1961.

d. LABOR

OKHRANA TRUDA I SOTSIAL'NOE STRAKHOVANIE [PROTECTION OF LABOR AND SOCIAL INSURANCE]. Issued by Vsesoiuznyi TSentral'nyi Sovet Professional'nykh Soiuzov [All-Union Central Council of Trade Unions]. Moscow, vol. 4, nos. 6-7, June-July 1961.

RABOTNITSA [THE WOMAN WORKER]. Published by Izd-vo [Publishing House] "Pravda." Moscow, vol. 39, no. 8, Aug. 1961.

SOVETSKIE PROFSOIUZY [SOVIET TRADE UNIONS]. Issued by Vsesoiuznyi TSentral'nyi Sovet Professional'nykh Soiuzov [All-Union Central Council of Trade Unions]. Moscow, vol. 17, nos. 13(224)-16(227), July-Aug. 1961.

VIL'NYI UKRAINS'KYI ROBITNYK [THE FREE UKRAINIAN WORKER]. Organ of Ukrains'kyi viddil Profesilnoho Soiuzu Pols Uvriier [Ukrainian Section of the General Confederation of Labor - Force Ouvriere]. Paris, nos. 12(70)/1(80)-2/3(81/82), Dec. 1960; Jan.-Mar. 1960. [In Ukrainian.]

VSEMIRNOE PROFSOIUZNOE DVIZHENIE [WORLD TRADE-UNION MOVEMENT]. Organ of Vsemirnaia federatsiia profsoiuzov [World Federation of Trade Unions]. Moscow, nos. 2, 6-7, Feb., June-July 1961.

e. SOCIOLOGY

AZĔRBAĬCHAN GADYNY [AZERBAIJAN WOMAN]. Issued by TSentral'nyi komitet Kommunisticheskoi Partii Azerbaidzhana [Central Committee of the Communist Party of Azerbaijan]. Baku, no. 5, May 1961. [In Azerbaijani.]

KAZAČ'IA ZHIZN' [COSSACK LIFE]. Issued by Vtoroi otdel Kazach'e-amerikanskogo narodnogo soiuza [Second Division of the Cossack American National Alliance, Inc.]. Providence, R.I., vol. 9, no. 102, Aug. 1961.

RADIANS'KA ZHINKA [SOVIET WOMAN]. Issued by Ukraina'ka respublikans'ka rada professilnykh spilok and Spilka radianu'kykh pys'mennykiv Ukrainy [Ukrainian Republican Council of Trade Unions and the Association of Soviet Writers of the Ukraine]. Kiev, vol. 16, no. 8(688), Aug. 1961. [In Ukrainian.]

RUSSKII VESTNIK. RUSSIAN HERALD. Published by Russian Consolidated Mutual Aid Society of America. New York, no. 302, June-July 1961.

SMENA [THE YOUNGER GENERATION]. Organ of TSentral'nyi komitet Vsesoiuznogo Leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, vol. 38, no. 9, 11-16, May-Aug. 1961.

SOTSIAL'NOE OBESPECHENIE [SOCIAL SECURITY]. Issued by Ministerstvo sotsial'nogo obespecheniia RSFSR [Ministry of Social Security of the R.S.F.S.R.]. Moscow, vol.22, nos.6-7, June-Aug. 1961.

SOVETSKAIA ZHENSHCHINA [SOVIET WOMAN]. Organ of Komitet sovetskikh zhenshchin and Vsesoiuznyi TSentral'nyi Sovet Professional'nykh Soiuzov [Committee of Soviet Women and of the All-Union Central Council of Trade Unions]. Moscow, vol.17, no.9, 1961.

UKRAINIAN-AMERICAN FOUNDATION. Biuleten' [Bulletin]. Ontario, Calif., no.2, 1961. [In Ukrainian.]

UKRAINS'KE TSENTRAL'NE DOPOMOHOVE OB"IEDNANNIA V AVSTRII. Biuleten' [UKRAINIAN CENTRAL RELIEF ASSOCIATION IN AUSTRIA. Bulletin]. Salzburg, no.3/4, May-Aug. 1961. [In Ukrainian.]

UZBEKISTON KHOTIN-KIZLARI [WOMEN OF UZBEKISTAN]. Tashkent, nos.1-2, 6, Jan.-Feb., June 1961. [In Kazakh.]

V DNI ZELENYKH SVIAT. ON MEMORIA . DAY. Published by Bratstvo "Brody-Lev, Ink. ["Brody-Lew," Inc., Brotherhood]. New York, vol.5, no.5, 1959. [In Ukrainian.]

ZMINA [THE YOUNGER GENERATION]. Issued by TSentral'nyi komitet Lenins'koho komunistychnoho soiuzu molodi Ukrainy [Central Committee of the Ukrainian Communist Youth League of Lenin]. Kiev, no.8(101), Aug. 1961. [In Ukrainian.]

6. POLITICAL SCIENCE

AGITATOR [AGITATOR]. Issued by TSentral'nyi komitet Kommunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, no.15, Aug. 1961.

BLOKNOT AGITATORA [THE AGITATOR'S NOTEBOOK]. Issued by Otdel propagandy i agitatsii TSentral'nogo komiteta Kommunisticheskoi partii Gruzii [Propaganda and Dissemination Section of the Central Committee of the Communist Party of Georgia]. Tiflis, no.18, 1960. [In Georgian.]

CHASOVOI [THE SENTRY]. Organ of Rossiskoe natsional'noe dvizhenie [Russian National Movement]. Brussels, nos.422(7)-423(8), July-Aug. 1961.

DELO TRUDA - PROBUZHDENIE [TASK OF LABOR - AWAKENING]. Organ of Ob"edinennaia federatsiia russkikh rabochikh organizatsii SShA i Kanady [United Federation of Russian Labor Organizations in the United States and Canada]. New York, no.63, July, 1961.

IRKUTSK. VYSSHAIA PARTIINAIA SHKOLA. Sbornik statei [HIGHER PARTY SCHOOL. Collected Papers]. No.1, 1959.

KAMUNIST BELARUSI [COMMUNIST OF WHITE RUSSIA]. Issued by TSentral'ny komitet Kamunistychnai partyi Belarusi [Central Committee of the Communist Party of White Russia]. Minsk, vol.35, nos.7-8, July-Aug. 1961. [In White Russian.]

MMUNISI [COMMUNIST OF KAZAKHI by the Communist Party of Kazakhn, vol.40, no.8, Aug. 1961. [In

KOMMUNISTI TOCHIKISTON [COMMUNIST OF TAJIKISTAN]. Issued by the Central Committee of the Communist Party of Tajikistan Stalinabad, vol.26, no.7, July 1961. [In Tajik.]

KUBANS'KYI KRAI [KUBAN REGION]. Toronto, vol 10, no.2, 1961. [In Russian or Ukrainian.]

LENINIAN UGIOV [LENIN'S WAY]. Issued by TSentral'nyi komitet Kommunisticheskoi partii Armenii [Central Committee of the Communist Party of Armenia] Erivan, vol 38, nos.6-7, June-July 1961. [In Armenian.]

MEZHDUNARODNAIA ZHIZN' [INTERNATIONAL LIFE]. Published by Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii [All-Union Society for the Dissemination of Political and Scientific Knowledge]. Moscow, vol.8, nos.8-9, Aug.-Sep. 1961.

MOSCOW. Ispolnitel'nyi komitet. Biulleten' [Executive Committee. Bulletin]. Nos.11(474)-14(476), June-July 1961.

NASHI DNI [OUR DAYS]. Frankfurt/Main, no.4(24), 1961.

NOVOE VREMIA [NEW TIMES]. Moscow, vol.19, nos 28(842), 31(845)-35(849), July-Aug. 1961.

PARTIINAIA ZHIZN' [PARTY LIFE]. Issued by TSentral'nyi komitet Kommunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, no.15/16, Aug. 1961.

PARTIINAIA ZHIZN' KAZAKHSTANA [PARTY LIFE OF KAZAKHSTAN]. Issued by TSentral'nyi komitet KP Kazakhstana [Central Committee of the Communist Party of Kazakhstan]. Alma-Ata, vol.31, no.7, July 1961.

RUSSIA (1917- R.S.F.S.R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]. Moscow, vol.5, nos.27(149)-34(155), July-Aug. 1961.

RUSSIA (1923- U.S.S.R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]. Moscow, vol.24, nos.29(1064)-35(1070), July-Sep. 1961.

RUSSKOE DELO. RUSSIAN CAUSE. Issued by Predstvitel'stvo rossiiskikh emigrantov v Amerike [Russian Immigrants' Representative Association in America]. New York, vol.3, no.8(32), Aug. 1961.

SOTSIALISTICHESKII VESTNIK. THE SOCIALIST COURIER. Organ of Rossiiskaia sotsial-demokraticheskaia rabochaia partiia [Russian Social Democratic Workers' Party]. New York, vol.41, no.7(55), July 1961.

SOVETY DEPUTATOV TRUDIASHCHIKHSIA [SOVIETS OF WORKERS' DEPUTIES]. Issued by gazeta [newspaper] "Izvestiia." Moscow, no.8, Aug. 1961.

TURKMENISTAN KOMMUNISTI [COMMUNIST OF TURKMENISTAN]. Organ of the Central Committee of the Communist Party of Turkmenistan. Ashkhabad, vol.36, nos.7-8, July-Aug. 1961. [In Turkmen.]

UKRAINE. Ministerstvo vyshchoi osvity. Viddil vykladannia suspil'nykh nauk. Zbirnyk statei vykladachiv istorii KPRS vuziv Ukrains'koi RSR [Ministry of Higher Education. Department of Instruction in the Social Sciences. Collected Papers of Teachers of the History of CPSU in Institutions of Higher Education of the Ukrainian S.S.R.]. Lvov, vol.1, 1958. [In Ukrainian.]

UKRAINS'KYI SAMOSTIINYK [UKRAINIAN INDEPENDENT]. Munich, vol.12, no.7/8(141/142), July-Aug. 1961. [In Ukrainian.]

UZBEKISTON KOMMUNISTI [COMMUNIST OF UZBEKISTAN]. The Central Committee of the Communist Party of Uzbekistan. Tashkent, vol.33, no.7, July 1961. [In Uzbek.]

V ZASHCHITU MIRA [IN DEFENSE OF PEACE]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, no.8(11), Aug. 1960.

VISNYK. THE HERALD. Organ of Organizatsiia oborony chotyr'okh svobid Ukrainy [Organization for Defense of the Four Freedoms for the Ukraine, Inc.]. New York, vol.16, nos.6(152)-7/8(153-154), June-Aug. 1961. [In Ukrainian.]

VOLIA [FREEDOM]. Organ of Narodno-trudovoi soiuz rossiiskikh solidaristov [National Workingmen's Association of Russian Solidarists]. Frankfurt/Main, vol.1, nos.2-3, Apr.-May 1961.

ZNAMIA ROSSII; Organ russkoi nezavisimoi monarkhicheskoi mysli [THE BANNER OF RUSSIA; Organ of Russian Independent Monarchistic Thought]. New York, no.211, July 1961.

7. LAW

RUSSIA (1923- U.S.S.R.) Verkhovnyi Sud. Biulleten' [Supreme Court. Bulletin]. Moscow, no.3, 1961.

SOVETSKAIA IUSTITSIIA [SOVIET JUSTICE]. Issued by Ministerstvo iustitsii and Verkhovnyi Sud RSFSR [Ministry of Justice and the Supreme Court of the R.S.F.S.R.]. Moscow, no.14, July 1961.

SOVETSKAIA KRIMINALISTIKA NA SLUZHBE SLEDSTVIIA [SOVIET CRIMINOLOGY IN THE SERVICE OF INVESTIGATION]. Issued by Vsesoiuznyi nauchno-issledovatel'skii institut kriminalistiki Prokuratury SSSR [All-Union Scientific Research Institute of Criminology of the Public Prosecutor's Office of the U.S.S.R.]. Moscow, no.13, 1959.

SOVETSKOE GOSUDARSTVO I PRAVO [SOVIET STATE AND LAW]. Organ of Institut gosudarstva i prava Akademii nauk SSSR [Institute of State and Law of the Academy of Sciences of the U.S.S.R.]. Moscow, no.11, Nov. 1960, vol.31, nos.2,8, Feb., Aug. 1961.

8. EDUCATION

a. GENERAL

AZERBAICHAN MEKTEBI [AZERBAIJANI SCHOOLS]. Organ of the Ministry of Education of the Azerbaijan S.S.R. Baku, no.6(165), June 1961. [In Azerbaijani]

DOSHKIL'NE VYKHOVANNIA [PRESCHOOL EDUCATION]. Organ of Ministerstvo osvity URSR [Ministry of Education of the Ukrainian S.S.R.]. Kiev, vol.22, nos.7-8, June[i.e.July]-Aug. 1961. [In Ukrainian.]

DOSHKOL'NOE VOSPITANIE [PRESCHOOL EDUCATION]. Issued by Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol.34, nos.6-7, June-July 1961.

GULKHAN. Issued by TsK LKSM and Ministerstvo prosveshchenila Uzbekistana [Central Committee of the All-Union Communist Youth League of Lenin and the Ministry of Education of Uzbekistan]. Tashkent, no.7(115), July 1961. [In Uzbek.]

KAZAKSTAN MEKTEBI [KAZAKHSTAN SCHOOLS]. Organ of the Ministry of Education of the Kazakh S.S.R. Vol.36, no.7, July, 1961. [In Kazakh.]

LITERATURA PO PEDAGOGICHESKIM NAUKAM I NARODNOMU OBRAZOVANIIU [LITERATURE ON THE PEDAGOGICAL SCIENCES AND PUBLIC EDUCATION]. July-Sep. 1960. Issued by Gosudarstvennaia biblioteka po narodnomu obrazovaniiu [State Library of Public Education]. Moscow, no.3, 1961.

MAKTABI SOVETI [SOVIET SCHOOL]. Issued by Ministerstvo prosveshchenila Tadzhikskoi SSR [Ministry of Education of the Tajik S.S.R.]. Stalinabad, vol.36, no.7(363), July 1961. [In Tajik.]

NACHAL'NAIA SHKOLA [PRIMARY SCHOOL]. Organ of Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol.20, nos.6-8, June-Aug. 1961.

NARODNAIA ASVETA [PUBLIC EDUCATION]. Organ of Ministerstvo asvety BSSR [Ministry of Education of the White Russian S.S.R.]. Minsk, no.5, May 1961. [In White Russian.]

NARODNOE OBRAZOVANIE [PUBLIC EDUCATION]. Issued by Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, no.8, Aug. 1961.

RADIANS'KA SHKOLA [SOVIET SCHOOL]. Organ of Ministerstvo osvity Ukrains'koi RSR [Ministry of Education of the Ukrainian S.S.R.]. Kiev, vol.40, nos.5,8, May, Sep. 1961. [In Ukrainian.]

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Biulleten' [Ministry of Higher and Secondary Specialized Education. Bulletin]. Moscow, nos.6-8, June-Aug. 1961.

SEM'IA I SHKOLA [FAMILY AND SCHOOL]. Published by Akademiia pedagogicheskikh nauk RSFSR [Academy of Pedagogical Sciences of the R.S.F.S.R.]. Moscow, vol.16, no.5, May 1961.

SHKOLA I PROIZVODSTVO [SCHOOL AND PRODUCTION]. Issued by Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol.5, no.7, July 1961.

SHKOLA-INTERNAT [BOARDING SCHOOL]. Issued by Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, nos. 2-3, Mar.-June 1961.

SOVETAKAN MANKAVARZH. SOVETSKII PEDAGOG [SOVIET TEACHER]. Issued by Ministerstvo prosveshchenila Armianskoi SSR [Ministry of Education of the Armenian S.S.R.]. Erivan, no 7, 1961. [In Armenian.]

* SOVETSKAIA PEDAGOGIKA [SOVIET PEDAGOGY]. Organ of Akademila pedagogicheskikh nauk RSFSR [Academy of Pedagogical Sciences of the R.S.F.S.R.]. Moscow, vo. 25, nos. 6-7, June-July 1961.

SREDNEE SPETSIAL'NOE OBRAZOVANIE [SECONDARY SPECIALIZED EDUCATION] Organ of Ministerstvo vysshego i srednego spetsial'nogo obrazovanila SSSR [Ministry of Higher and Secondary Specialized Education of the U.S.S.R.]. Moscow, vol. 8, nos. 6-7, June-July 1961.

VOZHATYI [PIONEER GUIDE]. Published by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi and TSentral'nyi sovet Vsesoiuznoi pionerskoi organizatsii imeni V.I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the All-Union Lenin Pioneers]. Moscow, vol. 37, nos. 7-8, July-Aug. 1961.

ZHYTTIA I SHKOLA [LIFE AND SCHOOL]. New Haven, vol. 7, no. 4(54-55), July-Sep., 1961. [In Ukrainian.]

b. PHYSICAL EDUCATION & GAMES

FIZICHESKAIA KUL'TURA V SHKOLE [PHYSICAL EDUCATION IN SCHOOLS]. Issued by Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, no. 8, Aug. 1961.

LEGKAIA ATLETIKA [TRACK AND FIELD ATHLETICS]. Organ of TSentral'nyi sovet Soiuza sportivnykh obshchestv i organizatsii SSSR [Central Council of the Association of Sports Societies and Organizations of the U.S.S.R.]. Moscow, vol. 7, no. 7(75), July 1961.

SHAKHMATY V SSSR [CHESS IN THE U.S.S.R.]. Organ of Shakhmatnaia federatsiia SSSR [Chess Federation of the U.S.S.R.]. Moscow, vol. 38, no. 8, Aug. 1961.

SHAKHMATNYI BIULLETEN' [CHESS BULLETIN]. Organ of Shakhmatnaia federatsiia SSSR [Chess Federation of the U.S.S.R.]. Moscow, vol. 7, no. 8, Aug. 1961.

SPORTIVNAIA ZHIZN' ROSSII [SPORT LIFE IN RUSSIA]. Organ of Vserossiiskii sovet Soiuza sportivnykh obshchestv i organizatsii RSFSR [All-Russian Council of the Association of Sports Societies and Organizations of the R.S.F.S.R.]. Moscow, vol. 5, nos. 6-8, June-Aug. 1961.

SPORTIVNYE IGRY [ATHLETIC GAMES]. Organ of TSentral'nyi sovet Soiuza sportivnykh obshchestv i organizatsii SSSR [Central Council of the Association of Sports Societies and Organizations of the U.S.S.R.]. Moscow, vol. 7, nos. 7(74)-8(75), July-Aug. 1961.

9. MUSIC, THEATER & MOTION PICTURES

a. MOTION PICTURES

KINOMEKHANIK [MOTION-PICTURE OPERATOR]. Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.]. Moscow, no. 7, July 1961.

SOVETSKII EKRAN [THE SOVIET SCREEN]. Published by Izdatel'stvo [Publishing House] "Iskusstvo." Moscow, nos. 15(111)-16(112), Aug. 1961.

TEKHNIKA KINO I TELEVIDENIIA [MOTION-PICTURE AND TELEVISION ENGINEERING]. Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.]. Moscow, vol. 5, no. 6, June 1961.

b. MUSIC

MUZYKAL'NAIA ZHIZN' [MUSICAL LIFE]. Organ of Soiuz kompozitorov SSSR and Ministerstvo kul'tury SSSR [Association of Composers of the U.S.S.R. and the Ministry of Culture of the U.S.S.R.]. Moscow, vol. 4, no. 16, Aug. 1961.

SOVETSKAIA MUZYKA [SOVIET MUSIC]. Organ of Soiuz kompozitorov SSSR and Ministerstvo kul'tury SSSR [Association of Composers of the U.S.S.R. and the Ministry of Culture of the U.S.S.R.]. Moscow, vol. 25, no. 7, July 1961.

c. THEATER

KHUDOZHESTVENNAIA SAMODEIATEL'NOST' [AMATEUR ART ACTIVITIES]. Issued by Vsesoiuznyi TSentral'nyi Sovet Professional'nykh Soiuzov [All-Union Central Council of Trade Unions]. Moscow, vol. 4, no. 8, Aug. 1961.

MOLODEZHNAIA ESTRADA [YOUNG PEOPLE'S STAGE]. Published by "Molodaia gvardiia" ["Young guard"]. Moscow, no. 4(106), 1961.

NA DOPOMOHU KHUDOZHNIH SAMODIIAL'NOSTI, repertuarnyi zbirnyk [A GUIDE FOR ART AMATEURS; Repertorial Collection]. Kiev, no. 4(34), Aug. 1961. [In Ukrainian.]

SOVETSKII TSIRK [THE SOVIET CIRCUS]. Issued by Organ Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.]. Moscow, vol. 5, no. 7(46), July 1961.

TEATR [THEATER]. Organ of Ministerstvo kul'tury SSSR and Soiuz pisatelei SSSR [Ministry of Culture of the U.S.S.R. and Association of Writers of the U.S.S.R.]. Moscow, vol. 22, no. 7, July 1961.

TEATRAL'NAIA ZHIZN' [LIFE OF THE THEATER]. Organ of Ministerstvo kul'tury RSFSR, Vsesoiuznoe teatral'noe obshchestvo, and Soiuz pisatelei RSFSR [Ministry of Culture of the R.S.F.S.R., All-Russian Theater Society, and the Association of Writers of the R.S.F.S.R.]. Moscow, no. 15, Aug. 1961.

10. FINE ARTS

a. GENERAL

DEKORATIVNOE ISKUSSTVO SSSR [DECORATIVE ART OF THE U.S.S.R.]. Issued by Soiuz khudozhnikov SSSR [Association of Artists of the U.S.S.R.]. Moscow, no. 8(45), Aug. 1961.

KHUDOZHNIK [ARTIST]. Issued by Soiuz khudozhnikov RSFSR [Association of Artists of the R.S.F.S.R.]. Moscow, no. 8, 1961.

SOVETAKAN ARVEST [SOVIET ART]. Issued by Ministerstvo kul'tury Armianskoi SSR [Ministry of Culture of the Armenian S.S.R.]. Erivan, no. 7, 1961. [In Armenian.]

TVORCHESTVO [CREATIVE WORK]. Issued by Soiuz khudozhnikov SSSR [Association of Artists of the U.S.S.R.]. Moscow, no. 8(56), 1961.

b. ARCHITECTURE

AKADEMIIA NAVUK BSSR, Minsk. Instytut budaunitstva i arkhitektury. Sbornik nauchnykh rabot [ACADEMY OF SCIENCES OF THE WHITE RUSSIAN S.S.R. Institute of Construction and Architecture. Collected Papers]. Minsk, no. 3, 1960.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovanila. Izvestiia vysshikh uchebnykh zavedenii; stroitel'stvo i arkhitektura [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Construction and Architecture]. Moscow, vol. 4, nos. 2-3, 1961.

SOVETSKAIA ARKHITEKTURA [SOVIET ARCHITECTURE]. Issued by Soiuz arkhitektorov SSSR [Association of Architects of the U.S.S.R.]. Moscow, no. 12, 1960.

STROITEL'STVO I ARKHITEKTURA [CONSTRUCTION AND ARCHITECTURE]. Organ of Ministerstvo budivnytstva URSR and Spilka arkhitektoriv Ukrainy [Ministry of Construction of the Ukrainian S.S.R. and of the Association of Architects of the Ukraine]. Kiev, vol. 9, no. 6(78), June 1961.

STROITEL'STVO I ARKHITEKTURA LENINGRADA [CONSTRUCTION AND ARCHITECTURE IN LENINGRAD]. Organ of Ispolnitel'nyi komitet Leningradskogo gorodskogo soveta deputatov trudiashchikhsia [Executive Committee of the Leningrad City Soviet of Workers' Deputies and others]. Leningrad, vol. 23, no. 7, July 1961.

STROITEL'STVO I ARKHITEKTURA MOSKVY [CONSTRUCTION AND ARCHITECTURE IN MOSCOW]. Published by Ispolkom Moskovskogo gorodskogo Soveta deputatov trudiashchikhsia [Executive Committee of the Moscow City Soviet of Workers' Deputies]. Moscow, vol. 10, nos. 5-6, June-July 1961.

11. LANGUAGE, LITERATURE & FOLKLORE

a. LANGUAGE

INOSTRANNYE IAZYKI V SHKOLE [FOREIGN LANGUAGES IN SCHOOLS]. Issued by Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, nos. 2-3, Mar.-June 1961.

NOVAIA INOSTRANNAIA LITERATURA PO IAZYKOZNANIIU [NEW FOREIGN LITERATURE IN LINGUISTICS]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 6, 1961.

NOVAIA SOVETSKAIA LITERATURA PO IAZYKOZNANIIU [NEW SOVIET LITERATURE IN LINGUISTICS]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 6, 1961.

NOVOE V LINGVISTIKE [WHAT IS NEW IN LINGUISTICS]. Issued by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, no. 1, 1960.

PREPODAVANIE AZERBAIDZHANSKOGO IAZYKA I LITERATURY; metodicheskii sbornik [TEACHING THE AZERBAIJANI LANGUAGE AND LITERATURE; Methodology]. Supplement to the Magazine "Azerbaidzhan Mektebi." Baku, no. 2, 1959; no. 4, 1960; nos. 1-2, 1961. [In Azerbaijani.]

RUSSKII IAZYK V NATSIONAL'NOI SHKOLE [THE RUSSIAN LANGUAGE IN NON-RUSSIAN SCHOOLS]. Moscow, no. 4, 1961.

RUSSKII IAZYK V SHKOLE [RUSSIAN LANGUAGE IN SCHOOLS]. Organ of Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol. 22, nos. 3-4, May-Aug. 1961.

UKRAINS'KA MOVA V SHKOLI [UKRAINIAN LANGUAGE IN SCHOOLS]. Organ of Ministerstvo osvity URSR [Ministry of Education of the Ukrainian S.S.R.]. Kiev, vol. 11, nos. 2-4, Mar.-Aug. 1961. [In Ukrainian.]

b. LITERATURE & FOLKLORE

ALA-TOO; literaturno-khudozhestvennyi i obshchestvenno-politicheskii zhurnal [ALA-TAU; Literary and Sociopolitical Magazine]. Organ of Soiuz pisatelei Kirgizii and Ministerstvo kul'tury Kirgizskoi SSR [Association of Writers of Kirghizia and the Ministry of Culture of the Kirghiz S.S.R.]. Frunze, vol. 30, no. 7, July 1961. [In Kirghiz.]

ASHKHABAD, literaturno-khudozhestvennyi i obshchestvenno-politicheskii zhurnal [ASHKHABAD; Literary and Sociopolitical Journal]. Organ of Soiuz pisatelei Turkmenistana [Association of Writers of Turkmenistan]. Ashkhabad, vol. 2, no. 3, 1961.

AZÉRBAÍČHAN [AZERBAIJAN]. Organ of Soiuz pisatelei Azerbaidzhana [Association of Writers of Azerbaijan]. Baku, nos. 7-8, July-Aug. 1961. [In Azerbaijani.]

DAL'NII VOSTOK [FAR EAST]. Organ of Khabarovskoe otdelenie Soiuza pisatelei RSFSR [Khabarovsk Branch of the Association of Writers of the R.S.F.S.R.]. Khabarovsk, vol. 29, no. 4, July-Aug. 1961.

DILA [MORNING]. Issued by TSentral'nyi komitet leninskogo kommunisticheskogo soiuza molodezhi Gruzii and Respublikanskii sovet organizatsii iunykh pionerov im. V.I. Lenina [Central Committee of the Lenin Communist Youth League of Georgia and the Republican Council of Lenin Pioneers]. Tiflis, no. 5, May, 1961. [In Georgian.]

DNESTR [DNIESTER]. Organ of Soiuz pisatelei Moldavskoi SSR [Association of Writers of the Moldavian S.S.R.]. Kishinev, vol. 14, no. 7, 1961.

DNIPRO [DNIEPER]. Organ of TSentral'nyi komitet Lenins'koho komunistychnoho soiuzu molodi Ukrainy [Central Committee of the All-Union Communist Youth League of the Ukraine]. Kiev, vol. 35, no. 8, Aug. 1961. [In Ukrainian.]

DON. Issued by Rostovskoe oblastnoe otdelenie Soiuza pisatelei RSFSR [Rostov Province Branch of the Association of Writers of the R.S.F.S.R.]. Rostov-on-Don, vol.5, no.8, Aug. 1961.

DONBASS; literaturno-khudozhestvennyi i obshchestvenno-politicheskii al'manakh [DONETS BASIN; Literary and Sociopolitical Almanac]. Organ of Donetskoe otdelenie Soiuza pisatelei Ukrainy [Donets Branch of the Association of Writers of the Ukraine]. Stalino, no.6(14) Nov.-Dec. 1959.
[MICROFILM]

DRUZHBA NARODOV [FRIENDSHIP OF PEOPLES]. Organ of Soiuz pisatelei SSSR [Association of Writers of the U.S.S.R.]. Moscow, no.8, Aug. 1961.

GULISTON [ROSE GARDEN]. Issued by Organ of Soiuz pisatelei Tadzhikistana [Association of Writers of Tajikistan]. Stalinabad, no.2, Apr.-June 1961.

LENINGRADSKII AL'MANAKH [LENINGRAD ALMANAC]. Issued by Leningradskoe otdelenie Soiuza pisatelei SSSR [Leningrad Branch of the Association of Writers of the U.S.S.R.]. Leningrad, no.17, 1959.

LITERATURA I ISKUSSTVO NARODOV SSSR I ZARUBEZHNYKH STRAN, bibliograficheskii biulleten' [LITERATURE AND ART OF THE PEOPLES OF THE U.S.S.R. AND FOREIGN COUNTRIES; Bibliographical Bulletin]. Issued by Vsesoiuznaia knizhnaia palata and Vsesoiuznaia gosudarstvennaia biblioteka inostrannoi literatury [All-Union Book Chamber and the All-Union State Library of Foreign Literature]. Moscow, no.4, 1961.

LITERATURA V SHKOLE [LITERATURE IN SCHOOLS]. Organ of Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol.22, no 4, July-Aug. 1961.

LITERATURNAIA ARMENIA [LITERARY ARMENIA]. Organ of Soiuz pisatelei Armenii [Association of Writers of Armenia]. Erivan, no.7, July 1961.

LITERATURNYI AZERBAIDZHAN [LITERARY AZERBAIJAN]. Organ of Soiuz pisatelei Azerbaidzhana [Association of Writers of Azerbaijan]. Baku, vol.19, no.8, Aug. 1961.

MOLODAIA GVARDIIA; literaturno-khudozhestvennyi i obshchestvenno-politicheskii zhurnal [YOUNG GUARD, Literary and Sociopolitical Magazine]. Issued by TSentral'nyi komitet Vsesoluznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, no.7, July 1961.

MOLODOI LENINGRAD; al'manakh [YOUNG LENINGRAD; Almanac]. Published by "Sovetskii pisatel'." Leningrad, 1960.

NA SEVERE DAL'NEM; literaturno-khudozhestvennyi al'manakh [IN THE FAR NORTH, Literary Almanac]. Magadan, no.1(6), 1960.

NEMAN [NEMAN RIVER]. Organ of Soiuz pisatelei BSSR [Association of Writers of the White Russian S.S.R.]. Minsk, vol.10, no.4, July-Aug. 1961.

NISTRUL [DNIESTER RIVER]. Organ of the Association of Soviet Writers of the Moldavian S.S.R. Kishinev, vol.20, no.7, July 1961. [In Moldavian.]

SHARK IULDUZI [STAR OF THE EAST]. Organ of the Association of Soviet Writers of Uzbekistan. Tashkent, vol.29, nos.6-7, June-July 1961. [In Uzbek.]

SHARKI SURKH [THE RED EAST] Organ of the Association of Writers of Tajikistan. Stalinabad, no.7, July 1961. [In Tajik.]

SIBIRSKIE OGNI [SIBERIAN LIGHTS]. Organ of Novosibirskoe otdelenie Soiuza pisatelei RSFSR [Novosibirsk Branch of the Association of Writers of the R.S.F.S.R.]. Novosibirsk, vol.10, no.7, July 1961.

SOGLASIE [CONCORD]. Los Angeles, Calif., vol 10, nos.118, 120, July, Sep. 1961.

SOVET ĔDEBIIATY [SOVIET LITERATURE]. Organ of Soiuz sovetskikh pisatelei TsSR [Association of Writers of the Turkmen S.S.R.]. Ashkhabad, no.8, Aug. 1961. [In Turkmen.]

SVET NAD BAIKALOM [LIGHT OVER THE BAIKAL]. Organ of Soiuz pisatelei and Ministerstvo kul'tury Buriatskoi ASSR [Association of Writers and the Ministry of Culture of the Buriat A.S.S.R.]. Ulan-Ude, vol.7, no.3, May-June 1961.

TĂVAN ATĂL [NATIVE VOLGA]. Issued by the Association of Soviet Writers of Chuvashia. Cheboksary, no.4, July-Aug. 1961. [In Chuvash.]

VITCHYZNA [OUR COUNTRY]. Organ of Spilka pys'mennykiv Ukrainy [Association of Writers of the Ukraine]. Kiev, vol.20, no.8, Aug 1961. [In Ukrainian.]

ZHOVTEN' [OCTOBER]. Organ of Spilka pys'mennykiv Ukrainy [Association of Writers of the Ukraine]. Lvov, vol.11, no.8, Aug. 1961. [In Ukrainian.]

ZHŬLDYZ [STAR]. Issued by Soiuz sovetskikh pisatelei Kazakhstana [Association of Soviet Writers of Kazakhstan]. Alma-Ata, no.7, July 1961 [In Kazakh.]

ZNAMIA [THE BANNER]. Organ of Soiuz pisatelei SSSR [Association of Writers of the U.S.S.R.]. Moscow, vol.31, no.8, Aug. 1961.

ZVEZDA VOSTOKA [STAR OF THE EAST]. Organ of Soiuz pisatelei Uzbekistana [Association of Writers of Uzbekistan]. Tashkent, vol.20, nos.6-7, June-July 1961.

12. GEOGRAPHY & GEOLOGY

b GEOGRAPHY

AKADEMIIA NAUK SSSR. Izvestiia, Seriia geograficheskaia [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin, Geographical Series]. Moscow, no.4, July-Aug. 1961.

AKADEMIIA NAUK SSSR. Morskoi gidrofizicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Marine Hydrophysical Institute, Transactions] Moscow, vol.19, 1960.

AKADEMIIA NAUK SSSR. Okeanograficheskaia komissiia. Biulleten' [ACADEMY OF SCIENCES OF THE U.S.S.R. Oceanographic Commission, Bulletin]. Moscow, no.6, 1960.

AKADEMIIA NAUK SSSR. Okeanograficheskaia komissiia. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Oceanographic Commission, Transactions]. Moscow, vol.11, 1961.

GEOGRAFICHESKOE OBSHCHESTVO SSSR. Izvestiia [GEOGRAPHIC SOCIETY OF THE U.S.S.R. Bulletin]. Moscow, vol.93, no.4, July-Aug. 1961.

GEOGRAFICHESKOE OBSHCHESTVO SSSR. Zapiski. Novaia seriia [GEOGRAPHIC SOCIETY OF THE U.S.S.R. Records. New Series]. Moscow, vol.21, 1961.
Contents: Churkin, V.G. [Geographical atlases] Geograficheskie atlasy. 116 p.

KARTOGRAFICHESKAIA LETOPIS', 1960 [CARTOGRAPHIC CHRONICLE, 1960]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, 1961. 198 p.

MATERIALY K OSNOVAM UCHENIIA O MERZLYKH ZONAKH ZEMNOI KORY [MATERIALS BEARING ON THE FUNDAMENTALS OF THE THEORIES ABOUT THE PERMAFROST ZONES OF THE EARTH'S CRUST]. Issued by Institut merzlotovedeniia Akademii nauk SSSR [Permafrost Institute of the Academy of Sciences of the U.S.S.R.]. Moscow, no.7, 1961.

MOSCOW. GOSUDARSTVENNYI OKEANOGRAFICHESKII INSTITUT. Trudy [STATE OCEANOGRAPHICAL INSTITUTE, Transactions]. No.55, 1960, no.59, 1961.

No.60, 1961.
Contents: Kirillov, I.F., Rybnikov, A.A. [Hydrometeorological observations on research and scouting ships of the "Slava" Antarctic Whaling Fleet in 1958-1959] Gidrometeorologicheskie nabliudeniia na nauchno-poiskovykh sudakh AKT "Slava" v 1958-1959 g. 77 p.

REFERATIVNYI ZHURNAL GEOGRAFIIA [JOURNAL OF ABSTRACTS GEOGRAPHY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no.7, July 1961.

VOPROSY GEOGRAFII [PROBLEMS OF GEOGRAPHY]. Published by Moskovskii filial Geograficheskogo obshchestva SSSR [Moscow Chapter of the Geographic Society of the U.S.S.R]. Moscow, no.53, 1961.

c. GEOLOGY & PALEONTOLOGY

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Izvestiia. Seriia geologicheskaia [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Bulletin. Geological Series]. Alma-Ata, no.2(43), 1961.

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Institut zoologii. Materialy po istorii fauny i flory Kazakhstana [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Institute of Zoology. Materials on the History of the Fauna and Flora of Kazakhstan]. Alma-Ata, vol 3, 1961.

AKADEMIIA NAUK SSSR. Izvestiia. Seriia geologicheskaia [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Geological Series]. Moscow, vol.26, no.7, July 1961.

AKADEMIIA NAUK SSSR. Geologicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Geological Institute. Transactions]. Moscow, no.37, 1961.
Contents: Khvorova, I.V. [Flysch and lower molasse formations in the Southern Urals] Flishevaia i nizhnemolassovaia formatsii Iuzhnogo Urala. 361 p.

AKADEMIIA NAUK SSSR. Geologicheskii muzei. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Geological Museum. Transactions]. Moscow, no 7, 1961.
Contents: Sidorenko, V.V. [Geology and petrology of the Shakhtama intrusive complex] Geologiia i petrologiia Shakhtaminskogo intruzivnogo kompleksa 102 p.

AKADEMIIA NAUK SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of the Geology of Ore Deposits, Petrology, Mineralogy, and Geochemistry. Transactions]. Moscow, no.39, 1961
Contents: Ginzburg, I.I., Ol'shanskii, I.A.I., Beliatskii, V.V. [Studies of experimental and technical petrography and mineralogy. No.4: Studies on oxidation of sulfides] Issledovaniia po eksperimental'noi i tekhnicheskoi petrografii i mineralogii. No.4: Eksperimental'nye issledovaniia po okisleniiu sul'fidov. 130 p.

No.64.
Metody khimicheskogo analiza mineralov [Methods for the Chemical Analysis of Minerals], no.1, 1961.

AKADEMIIA NAUK SSSR. Paleontologicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Paleontology. Transactions]. Moscow, vol.81, 1961.
Contents: Novozhilov, Nestor. [Devonian bivalve phyllopods; 26 plates and 74 illustrations] Dvustvorchatye listonogie devona; s 26tablitsami 74 risunkami v tekste. 131 p.

AKADEMIIA NAUK SSSR, Ural'skii filial, Sverdlovsk. Gorno-geologicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Ural Branch. Mining-Geological Institute. Transactions]. Sverdlovsk, no.53, 1960.
Contents: Tarakanova, E.I. [Atlas of coal of the Turgay coal-bearing province] Atlas uglei Turgaiskoi uglenosnoi provintsii. 153 p.

AKADEMIIA NAUK URSR, Kiev. Instytut geologichnykh nauk. Trudy. Seriia petrografii, mineralogii i geokhimii [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Institute of Geological Sciences. Transactions Petrographical, Mineralogical and Geochemical Series]. Kiev, no.8, 1960. [In Ukrainian.]
Contents: Ivantishin, M.M. [Accessory rare minerals and trace elements in granites and pegmatites of the Ukrainian Crystalline Shield] Aktsesorni ridkisni mineraly ta rozsiiani elementy v granitakh i pegmatitakh Ukrains'koho kryshtalichnoho shchyta. 242 p.

GEOLOGIIA I GEOFIZIKA [GEOLOGY AND GEOPHYSICS]. Issued by Sibirskoe otdelenie Akademii nauk SSSR [Siberian Branch of the Academy of Sciences of the U.S.S.R.]. Novosibirsk, no. 6, 1961 [With summaries in English.]

GEOLOGIIA MESTOROZHDENII REDKIKH ELEMENTOV [GEOLOGY OF RARE-ELEMENT DEPOSITS]. Issued by Vsesoiuznyi nauchno-issledovatel'skii institut mineral'nogo syr'ia [All-Union Scientific Research Institute of Mineral Resources] Moscow, nos. 3, 5, 1959.

GEOLOGICHNYI ZHURNAL [GEOLOGICAL JOURNAL]. Issued by Instytut geologichnykh nauk Akademii nauk Ukrains'koi RSR [Geological Institute of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 21, no. 3, 1961. [In Ukrainian with Russian summaries.]

LENINGRAD, NAUCHNO-ISSLEDOVATEL'SKII INSTITUT GEOLOGII ARKTIKI. Sbornik statei po paleontologii i biostratigrafii [SCIENTIFIC RESEARCH INSTITUTE OF ARCTIC GEOLOGY. Collected Papers on Paleontology and Biostratigraphy]. No. 19, 1960.

LENINGRAD, NAUCHNO-ISSLEDOVATEL'SKII INSTITUT GEOLOGII ARKTIKI. Trudy [SCIENTIFIC RESEARCH INSTITUTE OF ARCTIC GEOLOGY Transactions]. Vol. 111, 1960.

LENINGRAD. VSESOIUZNYI GEOLOGICHESKII INSTITUT. Materialy [ALL-UNION GEOLOGICAL INSTITUTE. Materials] Moscow, no. 37, 1960.
Contents: Krasnyi, L.I. [Basic tectonic problems of Khabarovsk Territory and Amur Province] Osnovnye voprosy tektoniki Khabarovskogo kraia i Amurskoi oblasti. 31 p.

No. 38, 1960.
Contents: Li, P.F., Ravdonikas, O.V. [Geological structure and prospects for finding oil and gas in the Tavda River Basin of the West Siberian Plain] Geologicheskoe stroenie i perspektivy neftegazonosnosti basseina r Tavdy Zapadno-Sibirskoi nizmennosti. 169 p.

No. 39, 1960.
Contents [Geology and minerals of the Urals and Turgay] Geologiia i poleznye iskopaemye Urala i Turgaia. 192 p.

No. 40, 1960.
Contents: [Materials on the study of diamonds and diamond-potential districts in the U.S.S.R.] Materialy po izucheniiu almazov i almazonosnykh raionov SSSR. 186 p.

No. 41, 1961.
Contents: [Geological structure of central and southern Kazakhstan] Geologicheskoe stroenie TSentral'nogo i IUzhnogo Kazakhstana. 496 p.

No. 44, 1960.
Contents. [Materials on the geology and minerals of the Siberian Platform] Materialy po geologii i poleznym iskopaemym Sibirskoi platformy. 142 p.

LENINGRAD. VSESOIUZNYI GEOLOGICHESKII INSTITUT. Materialy: Obshchaia seriia [ALL-UNION GEOLOGICAL INSTITUTE. Materials: General Series]. No. 29, 1960.

LENINGRAD. VSESOIUZNYI GEOLOGICHESKII INSTITUT. Trudy [ALL-UNION GEOLOGICAL INSTITUTE. Transactions]. Moscow, vol. 31, 1960.
Contents: Misharev, D.T., and others. [Stratigraphy, tectonics, and pegmatite potential of the northwestern White Sea region] Stratigrafiia, tektonika i pegmatitonosnost' Severo-Zapadnogo Belomor'ia. 110 p.

Vol. 34, 1960.
Contents: Krasnyi, L.I. [Geology and minerals in the area west of the Sea of Okhotsk] Geologiia i poleznye iskopaemye Zapadnogo Priokhot'ia. 161 p.

Vol. 41, 1961. Biostratigrafiia paleozoia Sibirskoi platformy; Ordovik i Silur [Paleozoic biostratigraphy of the Siberian Platform; Ordovician and Silurian], no. 2.
Contents. Nekhoroshev, V.P. [Ordovician and Silurian Polyzoa of the Siberian Platform; order Cryptostomata] Ordovikskie i Siluriiskie mshanki Sibirskoi platformy; otriad Cryptostomata. 245 p.

Vol. 43, 1961.
Contents: Baranova, Z.E. [Problems of oil and gas potentials of Central Asia. No. 3: Lithology and formation of Jurassic sediments in the Greater Balkhan Range] Problema neftegazonosnosti Srednei Azii. No. 3: Litologiia i usloviia obrazovaniia iurskikh otlozhenii Bol'shogo Balkhana. 127 p.

LENINGRAD. VSESOIUZNYI NEFTIANOI NAUCHNO-ISSLEDOVATEL'SKII GEOLOGORAZVEDOCHNYI INSTITUT. Trudy [ALL-UNION PETROLEUM (SCIENTIFIC RESEARCH) GEOLOGICAL PROSPECTING INSTITUTE. Transactions]. No. 160, 1960.
Contents: Liubimova, P.S., and others. [Ostracoda of Mesozoic and Cenozoic sediments in the West Siberian Plain] Ostrakody mezozoiskikh i kainozoiskikh otlozhenii Zapadno-Sibirskoi nizmennosti. 420 p.

No. 161, 1961
Contents Khramov, A.N., and others. [Methodology of paleomagnetic investigations] Metodika paleomagnitnykh issledovanii. 130 p.

MOSKOVSKOE OBSHCHESTVO ISPYTATELEI PRIRODY. Biulleten' [MOSCOW NATURALISTS' SOCIETY. Bulletin]. New series, vol. 66 Otdel geologicheskii [Geological Section] Moscow, vol. 36, no. 3, Mai.-Iiun. 1961. [With summaries in English.]

REFERATIVNYI ZHURNAL: GEOLOGIIA [JOURNAL OF ABSTRACTS: GEOLOGY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 8, Aug. 1961.

SIBIRSKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT GEOLOGII, GEOFIZIKI I MINERAL'NOGO SYR'IA. Trudy [SIBERIAN SCIENTIFIC RESEARCH INSTITUTE OF GEOLOGY, GEOPHYSICS, AND MINERAL RESOURCES. Transactions], Leningrad, no. 9, 1960.

VOPROSY GEOLOGII VOSTOCHNOI OKHRANY RUSSKOI PLATFORMY I IUZHNOGO URALA [PROBLEMS OF THE GEOLOGY OF THE SOUTHERN URALS AND THE EASTERN BORDER OF THE RUSSIAN PLATFORM]. Issued by Gorno-geologicheskii Institut Bashkirskogo filiala Akademii nauk SSSR [Mining and Geological Institute of the Bashkir Branch of the Academy of Sciences of the U.S.S.R.]. Ufa, no. 6, 1960.

VSESOIUZNOE MINERALOGICHESKOE OBSHCHESTVO. Vostochno-Sibirskoe otdelenie. Zapiski [ALL-UNION MINERALOGICAL SOCIETY. East Siberian Branch. Records]. Moscow, no. 1, 1959.

VSESOIUZNYI AEROGEOLOGICHESKII TREST. Trudy [ALL-UNION AEROGEOLOGICAL TRUST. Transactions]. Moscow, no. 7, 1961.

13. SCIENCE

a. GENERAL

AKADEMIIA NAUK SSSR. Doklady [ACADEMY OF SCIENCES OF THE U.S.S.R. Reports] Moscow, vol. 139, nos. 1-4, July-Aug. 1961.

AKADEMIIA NAUK TURKMENSKOI SSR, Ashkhabad. Izvestiia. Seriia fiziko-tekhnicheskikh, khimicheskikh i geologicheskikh nauk [ACADEMY OF SCIENCES OF THE TURKMEN S.S.R. Bulletin. Series in the Physical and Technological, Chemical, and Geological Sciences]. Ashkhabad, no. 3, 1961.

NAUKA I ZHIZN' [SCIENCE AND LIFE]. Published by Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii [All-Union Society for Dissemination of Political and Scientific Knowledge]. Moscow, vol. 28, no. 6, June 1961.

NAUKA I ZHYTTIA [SCIENCE AND LIFE]. Published by Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR [Society for Dissemination of Political and Scientific Knowledge of the Ukrainian S.S.R.]. Kiev, vol 11, nos. 5(122)-6(123), May-June 1961. [In Ukrainian.]

PRIRODA [NATURE]. Published by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 50, no. 8, Aug. 1961.

b. ASTRONOMY

AKADEMIIA NAUK SSSR. Astronomicheskii sovet. Biulleten' stantsii opticheskogo nabliudeniia iskusstvennykh sputnikov Zemli [ACADEMY OF SCIENCES OF THE U.S.S.R. Astronomical Council. Bulletin of the Stations for Optical Observation of Artificial Earth Satellites] Moscow, no. 9(19), 1960.

ASTRONOMICHESKII TSIRKULIAR [ASTRONOMICAL CIRCULAR]. Published by Biuro Astronomicheskikh soobshchenii Akademii nauk SSSR [Bureau of Astronomic Information of the Academy of Sciences of the U.S.S.R.]. Kazan, no. 218, Feb. 1961.

GEODEZIIA I KARTOGRAFIIA [GEODESY AND CARTOGRAPHY]. Issued by Glavnoe upravlenie geodezii i kartografii Ministerstva geologii i okhrany nedr SSSR [Main Administration of Geodesy and Cartography of the Ministry of the Geology and Protection of Mineral Resources of the U.S.S.R.]. Moscow, no. 7, July 1961.

LVOV. POLITEKHNICHNYI INSTYTUT. Nauchnye zapiski. Seriia geodezicheskaia [POLYTECHNIC INSTITUTE. Studies. Geodesic Series] No 4, 1960.

MOSCOW. INSTITUT INZHENEROV GEODEZII, AEROFOTOS"EMKI I KARTOGRAFII. Trudy [INSTITUTE FOR ENGINEERS IN GEODESY, AERIAL PHOTOGRAPHY, AND CARTOGRAPHY. Transactions], nos. 44-45, 1961.

MOSCOW. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT GEODEZII, AEROS"EMKI I KARTOGRAFII. Trudy [CENTRAL SCIENTIFIC RESEARCH INSTITUT OF GEODESY, AERIAL PHOTOGRAPHY, AND CARTOGRAPHY. Transactions]. Nos. 135, 139, 1960.
No. 140, 1961.
Contents: Koldaev, P.K. [Use of relief coloring and shading in the delineation and publication of maps] Primenenie tsvetovoi i tenevoi plastiki pri oformlenii i izdanii kart. 46 p.
No. 141, 1961.
Contents: Gutiari, E.L. [Industrial maps of economic regions] Karty promyshlennosti ekonomicheskikh administrativnykh raionov. 68 p.

REFERATIVNYI ZHURNAL ASTRONOMIIA I GEODEZIIA [JOURNAL OF ABSTRACTS: ASTRONOMY AND GEODESY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 7-8 July-Aug. 1961.

VSESOIUZNOE ASTRONOMO-GEODEZICHESKOE OBSHCHESTVO. Biulleten' [ALL-UNION ASTRONOMICAL-GEODETIC SOCIETY. Bulletin]. Moscow, no. 20(38), 1961.

c. BIOLOGY

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Izvestiia. Biologicheskie nauki [ACADEMY OF SCIENCES OF THE ARMENIAN S.S.R. Bulletin. Biological Sciences]. Erivan, vol. 14, no. 5, May 1961. [In Russian or Azerbaijani with summaries in the other language.]

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Izvestiia. Seriia biologicheskikh i meditsinskikh nauk ACADEMY OF SCIENCES OF THE AZERBAIJAN S.S.R. Bulletin. Series in the Biological and Medical Sciences]. Baku, nos. 3-4, 1961. [In Russian or Azerbaijani.]

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Institut zoologii. Trudy [ACADEMY OF SCIENCES OF THE AZERBAIJAN S.S.R. Institute of Zoology. Transactions] Baku, vol. 14, 1960, vol. 16, 1953

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. Botanicheskii institut. Zametki po sistematike i geografii rastenii [ACADEMY OF SCIENCES OF THE GEORGIAN S.S.R. Botanical Institute. Notes on the Classification and Geography of Plants]. Tiflis, no. 22, 1961. [In Russian and in Georgian.]

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Institut zoologii. Trudy [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Institute of Zoology. Transactions]. Alma-Ata, vol. 15, 1961.

AKADEMIIA NAUK SSSR. Botanicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Botanical Institute. Transactions. Ser. 5. Rastitel'nye syr'e [Plant Resources]. Moscow, no. 8, 1961.

AKADEMIIA NAUK SSSR. Institut mikrobiologii. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Microbiology. Transactions]. Moscow, no. 10, 1961.

AKADEMIIA NAUK SSSR Ural'skii filial, Sverdlovsk. Institut biologii. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Ural Branch. Institute of Biology. Transactions]. Sverdlovsk, no. 21, 1960.
Contents: Shvarts, S.S. [Principles and methods of modern animal ecology; expanded report at the philosophical seminary on biological problems, May 25, 1960] Printsipy i metody sovremennoi ekologii zhivotnykh; rasshirennyi doklad na filosofskom seminare po voprosam biologii 25 maia 1960 g.

AKADEMIIA NAUK SSSR. Zapadno-Sibirskii filial, Novosibirsk. Botanicheskii sad. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. West Siberian Branch. Botanical Garden. Transactions]. Novosibirsk, no. 1, 1956.

AKADEMIIA NAUK TURKMENSKOI SSR, Ashkhabad. Izvestiia. Seriia biologicheskikh nauk [ACADEMY OF SCIENCES OF THE TURKMEN S.S.R. Bulletin. Series in the Biological Sciences]. Ashkhabad, no. 2, 1961.

AKADEMIIA NAVUK BSSR, Minsk. Vestsi Seryia biialagichnykh navuk [ACADEMY OF SCIENCES OF THE WHITE RUSSIAN S. S R. Bulletin. Series in the Biological Sciences]. Minsk, no. 2, 1961. [In White Russian with summaries in Russian.]

AKADEMIIA NAVUK BSSR, Minsk. Instytut biialogii. Biulleten' [ACADEMY OF SCIENCES OF THE WHITE RUSSIAN S. S. R. Institute of Biology. Bulletin]. Minsk, no. 5, 1960.

*BIOFIZIKA [BIOPHYSICS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U S. S. R.]. Moscow, vol. 6, no. 4, 1961.

BIOLOGIIA V SHKOLE [BIOLOGY IN SCHOOLS]. Organ of Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R. S. F. S. R.]. Moscow, nos. 3-4, May-Aug. 1961.

BOTANICHESKII ZHURNAL [BOTANICAL JOURNAL]. Organ of Vsesoiuznoe botanicheskoe obshchestvo [All-Union Botanical Society]. Moscow, vol. 46, no. 5, May, 1961.

CHERNOMORKA. ODES'KA BIOLOGICHNA STANTSIIA. Naukovi zapysky [ODESSA BIOLOGICAL STATION. Studies]. No. 1, 1959. [In Ukrainian with summaries in Russian]

FIZIOLOGICHESKII ZHURNAL SSSR [PHYSIOLOGICAL JOURNAL OF THE U.S.S.R.]. Issued by Vsesoiuznoe fiziologicheskoe obshchestvo [All-Union Physiological Society]. Moscow, vol. 46, no. 3, Mar. 1960.

FIZIOLOGICHNYI ZHURNAL [PHYSIOLOGICAL JOURNAL [Issued by Instytut fiziologii Akademii nauk URSR [Institute of Physiology of the Academy of Sciences of the Ukrainian S. S. R.]. Kiev, vol. 7, no. 4, July-Aug. 1961. [In Ukrainian.]

IUNYI NATURALIST [YOUNG NATURALIST]. Issued by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi and TSentral'nyi sovet Vsesoiuznoi pionerskoi organizatsii imeni V. I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and Central Council of the All-Union Lenin Pioneers]. Moscow, nos. 6-7, June-July 1961.

MIKROBIOLOGICHNYI ZHURNAL [JOURNAL OF MICROBIOLOGY]. Issued by Instytut mikrobiologii Akademii nauk URSR [Institute of Microbiology of the Academy of Sciences of the Ukrainian S. S. R.]. Kiev, vol. 23, no. 2, 1961. [In Ukrainian.]

* MIKROBIOLOGIIA [MICROBIOLOGY]. Published by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 29, no. 2, Mar.-Apr. 1960.

MOSCOW. UNIVERSITET. Vestnik. Serila 6: Biologila, pochvovedenie [UNIVERSITY. Review. Series 6: Biology, Soil Science]. Vol. 16, no. 4, July-Aug. 1961.

MOSKOVSKOE OBSHCHESTVO ISPYTATELEI PRIRODY. Biulleten'. Otdel biologicheskii [MOSCOW NATURALISTS' SOCIETY. Bulletin. Biological Section]. Moscow, vol. 66, no. 4, July-Aug. 1961.

ORNITOLOGIIA [ORNITHOLOGY]. Issued by Glavnoe upravlenie okhotnich'ego khoziaistva i zapovednikov pri Sovete Ministrov RSFSR [Main Administration for Game Management and Preserves, Attached to the Council of Ministers of the R. S. F. S. R.]. Moscow, no. 2, 1959.

RADIOBIOLOGIIA [RADIOBIOLOGY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 1, nos. 1-2, 1961.

REFERATIVNYI ZHURNAL: BIOLOGIIA [JOURNAL OF ABSTRACTS: BIOLOGY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 15, Aug. 1961.

REFERATIVNYI ZHURNAL: KHIMIIA; BIOLOGICHESKAIA KHIMIIA [JOURNAL OF ABSTRACTS: CHEMISTRY; BIOLOGICAL CHEMISTRY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 13-14, July 1961.

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego [illegible] vysshei [illegible] Higher [illegible] search [illegible] Moscow, no. 3, 1961.

SUKHUM. BOTANICHESKII SAD. Trudy [BOTANICAL GARDEN. Transactions]. No. 12, 1959. [With summaries in English.]

VOPROSY PITANIIA [PROBLEMS OF NUTRITION]. Issued by Ministerstvo zdravookhranenila SSSR [Ministry of Health of the U. S. S. R.] Moscow, vol. 19, no. 2, Mar.-Apr 1960; vol. 20, no. 4, July-Aug. 1961. [With summaries in English]

*VOPROSY VIRUSOLOGII [PROBLEMS OF VIROLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, Vol. 6 [i. e. 5], no. 5, Sep.-Oct. 1960, vol. 7, no. 3, May-June 1961. [With summaries in English.]

ZOOLOGICHESKII ZHURNAL [ZOOLOGICAL JOURNAL]. Published by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 40, no. 7, July 1961. [With summaries in English.]

d. CHEMISTRY

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Institut khimii Trudy [ACADEMY OF SCIENCES OF THE AZERBAIJAN S. S. R Institute of Chemistry Transactions]. Baku, vol. II, 1953

*AKADEMIIA NAUK SSSR. Izvestiia, Otdelenie khimicheskikh nauk [ACADEMY OF SCIENCES OF THE U. S. S. R. Bulletin. Department of Chemical Sciences]. Moscow, no. 7, July 1961.

KHIMIIA V SHKOLE [CHEMISTRY IN SCHOOLS]. Organ of Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R S F. S. R.]. Moscow, vol. 15, no. 3, May-June 1960.

LENINGRAD. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT GALURGII. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF HALURGY. Transactions]. No. 42, 1960.
Contents: Akhumov, E. I. [Study of supersaturated aqueous salt solutions] Issledovanie peresyshchennykh vodnykh rastvorov solei. 127 p.

RADIOKHIMIIA [RADIOCHEMISTRY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 3, nos. 3-4, 1961.

REFERATIVNYI ZHURNAL: KHIMIIA [JOURNAL OF ABSTRACTS: CHEMISTRY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 14-15, July-Aug. 1961.

UKRAINSKII KHIMICHESKII ZHURNAL [UKRAINIAN CHEMICAL JOURNAL]. Issued by Akademiia nauk URSR [Academy of Sciences of the Ukrainian S. S. R.]. Kiev, vol. 27, no. 4, 1961.

VSESOIUZNOE KHIMICHESKOE OBSHCHESTVO IMENI D. I. MENDELEEVA. Zhurnal [D. I. MENDELEEV ALL-UNION CHEMICAL SOCIETY. Journal] Moscow, vol. 6, no. 4, 1961.

*ZHURNAL ANALITICHESKOI KHIMII [JOURNAL OF ANALYTICAL CHEMISTRY]. Published by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 16, no. 4, July-Aug. 1961. [With summaries in English.]

*ZHURNAL FIZICHESKOI KHIMII [JOURNAL OF PHYSICAL CHEMISTRY]. Published by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 34, no. 2, Feb. 1960, vol. 35, nos. 6-7, June-July 1961. [With summaries in English.]

*ZHURNAL NEORGANICHESKOI KHIMII [JOURNAL OF INORGANIC CHEMISTRY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 6, no. 7, July 1961.

* ZHURNAL OBSHCHEI KHIMII [JOURNAL OF GENERAL CHEMISTRY]. Published by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 31, no. 7, July 1961.

e. MATHEMATICS

MATEMATICHESKII SBORNIK [MATHEMATICAL REVIEW]. Published by Akademiia nauk SSSR and Moskovskoe matematicheskoe obshchestvo [Academy of Sciences of the U. S. S. R. and the Moscow Mathematical Society]. Moscow, vol. 54(96), no. 1, May 1961.

MATEMATIKA; periodicheskii sbornik perevodov inostrannykh statei [MATHEMATICS; Translations of Foreign Articles]. Published by Izd-vo inostrannoi lit-ry [Publishing House of Foreign Literature]. Moscow, vol. 5, no. 4, July-Aug. 1961.

MOSCOW. UNIVERSITET. Vestnik. Serila 1: Matematika, mekhanika [UNIVERSITY. Review. Series 1: Mathematics, Mechanics]. Vol. 16, no. 3, May-June 1961. [With summaries in English.]

*PRIKLADNAIA MATEMATIKA I MEKHANIKA [APPLIED MATHEMATICS AND MECHANICS]. Published by Institut mekhaniki Otdelenila tekhnicheskikh nauk Akademii nauk SSSR [Mechanics Institute of the Technological Sciences Department of the Academy of Sciences of the U. S. S. R.]. Moscow, vol. 25, no. 3, May-June 1961.

REFERATIVNYI ZHURNAL: MATEMATIKA [JOURNAL OF ABSTRACTS: MATHEMATICS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 8, Aug. 1961.

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i [illegible] vesstila [illegible] ika [Ministry [illegible] ucation. [illegible] aruing, 1961.

SIBIRSKII MATHEMATICHESKII ZHURNAL [SIBERIAN MATHEMATICAL JOURNAL]. Issued by Sibirskoe otdelenie Akademii nauk SSSR [Siberian Branch of the Academy of Sciences of the U. S. S. R.]. Moscow, vol. 2, no. 3, May-June 1961.

f. PHYSICS

*AKADEMIIA NAUK SSSR. Izvestiia. Serila fizicheskaia [ACADEMY OF SCIENCES OF THE U. S. S. R. Bulletin. Physical Series]. Moscow, vol. 25, no. 7, July 1961.

*AKADEMIIA NAUK SSSR. Izvestiia. Serila geofizicheskaia [ACADEMY OF SCIENCES OF THE U. S. S. R. Bulletin. Geophysical Series]. Moscow, no. 8, Aug. 1961.

AKADEMIIA NAUK. Fizicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of Physics. Transactions]. Moscow, vol. 15, 1961.

*AKUSTICHESKII ZHURNAL [JOURNAL OF ACOUSTICS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 7, no. 2, 1961.

DAL'NEVOSTOCHNYI NAUCHNO-ISSLEDOVATEL'SKII GIDROMETEOROLOGICHESKII INSTITUT. Trudy [FAR EASTERN HYDROMETEOROLOGICAL SCIENTIFIC RESEARCH INSTITUTE. Transactions]. Leningrad, no. 13, 1960.

*FIZIKA TVERDOGO TELA [SOLID STATE PHYSICS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 3, no. 6, June 1961.

GEOMAGNETIZM I AERONOMIIA [GEOMAGNETISM AND AERONOMY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 1, nos. 1-2, Jan-Apr. 1961.

LENINGRAD. NAUCHNO-ISSLEDOVATEL'SKII INSTITUT GIDROMETEOROLOGICHESKOGO PRIBOROSTROENIIA. Trudy [SCIENTIFIC RESEARCH INSTITUTE OF HYDROMETEOROLOGICAL INSTRUMENT MAKING. Transactions]. No. 9, 1960.

METEOROLOGIIA I GIDROLOGIIA [METEOROLOGY AND HYDROLOGY]. Issued by Glavnoe upravlenie gidrometeorologicheskoi sluzhby pri Sovete Ministrov SSSR [Main Administration of Hydrometeorological Service, Attached to the Council of Ministers of the U.S.S.R.]. Leningrad, no. 8, Aug. 1961.

MOSCOW. UNIVERSITET. Vestnik. Serila 3: Fizika, astronomiia [UNIVERSITY. Review. Series 3: Physics, Astronomy]. Vol. 16, no. 3, May-June 1961.

REFERATIVNYI ZHURNAL: FIZIKA [JOURNAL OF ABSTRACTS: PHYSICS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 8, Aug. 1961.

REFERATIVNYI ZHURNAL: GEOFIZIKA [JOURNAL OF ABSTRACTS: GEOPHYSICS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 8, Aug. 1961.

REFERATIVNYI ZHURNAL: MEKHANIKA [JOURNAL OF ABSTRACTS: MECHANICS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 8, Aug. 1961.

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; fizika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Physics]. Moscow, nos. 1-2, 1961.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; radiofizika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Radio Physics]. Moscow, vol. 4, no. 2, 1961.

RYBINSK. GIDROMETEOROLOGICHESKAIA OBSERVATORIIA. Sbornik rabot [HYDROMETEOROLOGICAL OBSERVATORY. Collected Papers]. No. 1, 1959.

*USPEKHI FIZICHESKIKH NAUK [PROGRESS IN THE PHYSICAL SCIENCES]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 74, no. 3, July 1961.

ZHURNAL EKSPERIMENTAL'NOI I TEORETICHESKOI FIZIKI [JOURNAL OF EXPERIMENTAL AND THEORETICAL PHYSICS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vols. 40-41, nos. 2, 4-5, 1(7), Feb., Apr.-May, July 1961. [With summaries in English.]

14. MEDICINE

a. GENERAL

AKADEMIIA MEDITSINSKIKH NAUK SSSR, Moscow. Vestnik [ACADEMY OF MEDICAL SCIENCES OF THE U.S.S.R. Journal]. Moscow, vol. 16, nos. 3, 7, 1961.

MEDITSINSKII REFERATIVNYI ZHURNAL [MEDICAL ABSTRACTS]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, Razdel [Section] 2, vol. 5, no. 8, Aug. 1961; Razdel [Section] 3, vol. 5, nos. 7-8, July-Aug. 1961; Razdel [Section] 4, vol. 5, nos. 7-8, July-Aug. 1961; Razdel [Section] 5, vol. 5, nos. 7-8, July-Aug. 1961; Razdel [Section] 6, vol. 5, nos. 7-8, July-Aug. 1961; Razdel [Section] 7, vol. 5, no. 8, Aug. 1961; Razdel [Section] 8, vol. 5, no. 8, Aug. 1961, Razdel [Section] 9, vol. 5, nos. 7-8, July-Aug. 1961.

PEZIRA SENETETSII [HEALTH SERVICE]. Organ of the Ministry of Health of the Moldavian S.S.R. Kishinev, vol. 4, no. 3, May-June 1961. [In Moldavian.]

SOVETSKOE ZDRAVOOKHRANENIE [SOVIET HEALTH SERVICE]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 20, no. 6, 1961. [With summaries in English.]

STALINABAD. GOSUDARSTVENNYI MEDITSINSKII INSTITUT. Trudy [STATE MEDICAL INSTITUTE. Transactions]. Vol. 43, 1960.
Contents: Akhundov, S.G. [Clinical aspects, diagnosis, and treatment of tumors of the spinal cord and spine] Klinika, diagnostika i lechenie opukholei spinnogo mozga i pozvonochnika. 115 p. (DNLM)

VESTNIK RENTGENOLOGII I RADIOLOGII [REVIEW OF ROENTGENOLOGY AND RADIOLOGY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, Vol. 36, no. 3, May-June 1961. [With summaries in English.]

VOENNO-MEDITSINSKII ZHURNAL [JOURNAL OF MILITARY MEDICINE]. Issued by Voenno-meditsinskoe upravlenie Ministerstva oborony SSSR [Military Medicine Administration of the Ministry of Defense of the U.S.S.R.]. Moscow, no. 8, Aug. 1960, no. 3, Mar. 1961.

*VOPROSY ONKOLOGII [PROBLEMS OF ONCOLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 5, no. 11, 1959.

ZDOROV'E [HEALTH]. Issued by Ministerstvo zdravookhraneniia SSSR i RSFSR [Ministries of Health of the U.S.S.R. and the R.S.F.S.R.]. Moscow, vol. 7, no. 6(78), June 1961.

ZDRAVOOKHRANENIE ROSSIISKOI FEDERATSII [HEALTH SERVICE OF THE RUSSIAN FEDERATION]. Issued by Ministerstvo zdravookhraneniia RSFSR [Ministry of Health of the R.S.F.S.R.]. Moscow, vol. 5, no. 7, July 1961.

c. NEUROLOGY & PSYCHIATRY

ZHURNAL NEVROPATOLOGII I PSIKHIATRII [JOURNAL OF NEUROPATHOLOGY AND PSYCHIATRY]. Issued by Vsesoiuznoe obshchestvo neuropatologov i psikhiatrov [All-Union Society of Neuropathologists and Psychiatrists]. Moscow, vol. 61, nos. 3-5, 1961. [With summaries in English and French.]

*ZHURNAL VYSSHEI NERVNOI DEIATEL'NOSTI [JOURNAL OF THE HIGHER NERVOUS FUNCTION]. Published by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 11, no. 3, May-June 1961. [With summaries in English.]

d. OPHTHALMOLOGY & OTORHINOLARYNGOLOGY

OFTALMOLOGICHESKII ZHURNAL [OPHTHALMOLOGICAL JOURNAL]. Issued by Ministerstvo zdravookhraneniia USSR [Ministry of Health of the Ukrainian S.S.R.]. Kiev, vol. 16, no. 4, 1961. [With summaries in English.]

e. PATHOLOGY & THERAPEUTICS

LABORATORNOE DELO [LABORATORY WORK] Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 7, no. 6, June 1961.

VOPROSY KURORTOLOGII, FIZIOTERAPII I LECHEBNOI FIZICHESKOI KUL'TURY [PROBLEMS OF RESORT THERAPY, PHYSICAL THERAPY, AND THERAPEUTIC PHYSICAL CULTURE]. Moscow, vol. 26, no. 3, May-June 1961.
(DNLM)

f. PHARMACY & MATERIA MEDICA

*ANTIBIOTIKI [ANTIBIOTICS]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 6, no. 5, May 1961.

APTECHNOE DELO [PHARMACY]. Organ of Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 10, no. 3, May-June 1961.

g. PUBLIC HEALTH & NURSING

FEL'DSHER I AKUSHERKA [FELDSHER AND MIDWIFE]. Issued by Ministerstvo zdravookhraneniia SSSR and Ministerstvo zdravookhraneniia RSFSR [Ministry of Health of the U.S.S.R. and Ministry of Health of the R.S.F.S.R.]. Moscow, vol. 26, nos. 6-7, June-July 1961.

GIGIENA I SANITARIIA [HYGIENE AND SANITATION]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 26, no. 3, Mar. 1961.

MEDITSINSKAIA SESTRA [MEDICAL NURSE]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 20, no. 6, June 1961.

15. AGRICULTURE

a. GENERAL

AGROBIOLOGIIA [AGROBIOLOGY]. Organ of Vsesoiuznaia akademiia sel'skokhoziaistvennykh nauk imeni V.I. Lenina [All-Union Lenin Academy of Agricultural Sciences]. Moscow, no. 4(130), July-Aug. 1961.

ARMENIAN S.S.R. Upravlenie sel'skokhoziaistvennoi nauki. Izvestiia [Main Administration of Agricultural Science. Bulletin]. Erivan, vol. 4, nos. 2-4, 1961. [In Armenian with summaries in Russian.]

GIDROTEKHNIKA I MELIORATSIIA [HYDRAULIC ENGINEERING AND RECLAMATION]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 13, no. 7, July 1961.

KAZAKSTANNYN AÚYL SHARÚASHYLYGY [KAZAKHSTAN AGRICULTURE]. Alma-Ata, no. 6, June 1961. [In Kazakh.]

KHOČHAGII ḲISHLOḲI TOČHIKISTON [AGRICULTURE OF TAJIKISTAN]. Organ of the Ministry of Agriculture of the Tajik S.S.R. Stalinabad, vol. 15, no. 7, July 1961. [In Tajik.]

KREST'IANKA [THE PEASANT WOMAN]. Published by Izd-vo [Publishing House] "Pravda," Moscow, vol. 39, no. 4, Apr. 1961; vol. 40, no. 8, Aug. 1961.

KYRGYZSTANDYN AIYL CHARBASY [AGRICULTURE OF KIRGHIZISTAN]. Issued by the Ministry of Agriculture of the Kirghiz S.S.R. Frunze, nos. 6-7, June-July 1961. [In Kirghiz.]

MEKHANIZATSIIA SIL'S'KOHO HOSPODARSTVA [MECHANIZATION OF AGRICULTURE]. Organ of Ministerstvo sil's'koho hospodarstva URSR [Ministry of Agriculture of the Ukrainian S.S.R.]. Kiev, vol. 12, no. 8(140), Aug. 1961. [In Ukrainian.]

MOLODOI KOLKHOZNIK [THE YOUNG COLLECTIVE FARMER]. Published by TSentral'nyi komitet Vsesoiuznogo Leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, vol. 28, no. 8, Aug. 1961.

MOSCOW. MOSKOVSKAIA SEL'SKOKHOZIAISTVENNAIA AKADEMIIA IM. TIMIRIAZEVA. Izvestiia [TIMIRIAZEV AGRICULTURAL ACADEMY OF MOSCOW. Bulletin]. No. 55, 1960.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT MEKHANIZATSII SEL'SKOGO KHOZIAISTVA. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE FOR THE MECHANIZATION OF AGRICULTURE. Transactions]. Moscow, vol. 27, 1960.

NOVOCHERKASSK. IUZHNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT GIDROTEKHNIKI I MELIORATSII. Sbornik trudov [SOUTHERN SCIENTIFIC RESEARCH INSTITUTE OF HYDRAULIC ENGINEERING AND RECLAMATION. Collected Papers]. No. 6, 1958.

SEL'SKAIA HASPADARKA BELARUSI [AGRICULTURE OF WHITE RUSSIA]. Issued by Ministerstvo sel'skai haspadarki Belaruskai SSR [Ministry of Agriculture of the White Russian S.S.R.]. Minsk, vol. 9, no. 8(104), Aug. 1961. [In White Russian.]

SEL'SKII MEKHANIZATOR [THE RURAL MECHANIC]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, no. 7, 1961.

SEL'SKOE KHOZIAISTVO; sistematicheskii ukazatel' statei v inostrannykh zhurnalakh [AGRICULTURE; Classed Index of Articles in Foreign Periodicals]. Issued by TSentral'naia nauchnaia sel'skokhoziaistvennaia biblioteka and Vsesoiuznaia gosudarstvennaia biblioteka inostrannoi literatury [Central Agricultural Library and the All-Union State Library of Foreign Literature]. Moscow, no. 6(74), 1961.

SEL'SKOE KHOZIAISTVO BELORUSSII [AGRICULTURE OF WHITE RUSSIA]. Issued by Ministerstvo sel'skogo khoziaistva Belorusskoi SSR [Ministry of Agriculture of the White Russian S.S.R.]. Minsk, vol. 9, no. 8(104), Aug. 1961.

SEL'SKOE KHOZIAISTVO KIRGIZII [AGRICULTURE OF KIRGHIZIA]. Issued by Ministerstvo sel'skogo khoziaistva Kirgizskoi SSR [Ministry of Agriculture of the Kirghiz S.S.R.]. Frunze, vol. 7, no. 7, July 1961.

SEL'SKOE KHOZIAISTVO PODMOSKOV'IA [AGRICULTURE OF THE MOSCOW REGION]. Organ of Oblastnoe upravlenie sel'skogo khoziaistva [Province Administration of Agriculture]. Moscow, vol. 10, no. 6, Aug. 1961.

SEL'SKOE KHOZIAISTVO POVOLZH'IA [AGRICULTURE OF THE VOLGA VALLEY]. Organ of Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.]. Saratov, vol. 7, no. 7, July 1961.

SEL'SKOE KHOZIAISTVO SEVERNOGO KAVKAZA [AGRICULTURE OF THE NORTHERN CAUCASUS]. Organ of Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.]. Krasnodar, vol. 4, no. 8, Aug. 1961.

SEL'SKOE KHOZIAISTVO SEVERO-ZAPADNOI ZONY [AGRICULTURE OF THE NORTHWESTERN ZONE]. Issued by Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.]. Leningrad, vol. 3, no. 8, Aug. 1961.

SEL'SKOE KHOZIAISTVO SIBIRI [AGRICULTURE OF SIBERIA]. Organ of Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.]. Omsk, vol. 6, no. 8, Aug. 1961.

SEL'SKOE KHOZIAISTVO TADZHIKISTANA [AGRICULTURE OF TAJIKISTAN]. Organ of Ministerstvo sel'skogo khoziaistva Tadzhikskoi SSR [Ministry of Agriculture of the Tajik S.S.R.]. Stalinabad, vol. 15, no. 8, Aug. 1961.

SEL'SKOE KHOZIAISTVO TURKMENISTANA [AGRICULTURE OF TURKMENISTAN]. Issued by Ministerstvo sel'skogo khoziaistva Turkmenskoi SSR [Ministry of Agriculture of the Turkmen S.S.R.]. Ashkhabad, vol. 5, no. 4, July-Aug. 1961.

TEKHNIKA V SEL'SKOM KHOZIAISTVE [MACHINERY IN AGRICULTURE]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.] Moscow, vol. 21, nos. 7-8, July-Aug. 1961.

VESTNIK SEL'SKOKHOZIAISTVENNOI NAUKI [REVIEW OF AGRICULTURAL SCIENCE] Issued by Vsesoiuznaia akademiia sel'skokhoziaistvennykh nauk imeni V. I. Lenina [All-Union Lenin Academy of Agricultural Sciences]. Moscow, vol 6, no. 7, July 1961. [With summaries in English, French, and German.]

VISNYK SIL'S'KOHOSPODARS'KOI NAUKY [REVIEW OF AGRICULTURAL SCIENCE]. Issued by Ukrains'ka akademiia sil's'kohospodars'kykh nauk [Ukrainian Academy of Agricultural Sciences]. Kiev, vol. 4, no. 8, Aug. 1961. [In Ukrainian.]

ZEMLEDELIE I ZHIVOTNOVODSTVO MOLDAVII [AGRICULTURE AND ANIMAL HUSBANDRY OF MOLDAVIA]. Issued by Ministerstvo sel'skogo khoziaistva Moldavskoi SSR [Ministry of Agriculture of the Moldavian S. S. R.]. Kishinev, vol. 6, nos 7-8, July-Aug. 1961.

b. ANIMAL INDUSTRY

LENINGRAD. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT OZERNOGO I RECHNOGO RYBNOGO KHOZIAISTVA. Izvestiia [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF LAKE AND RIVER FISHERIES. Bulletin] Vol. 50, 1961

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT ZHIVOTNOVODSTVA Biulleten' nauchno-tekhnicheskoi informatsii [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF ANIMAL HUSBANDRY. Bulletin of Scientific and Technical Information]. Nos. 1(5)-2(6), 1958, no 2, 1959. [With summaries in German.]

RYBNOE KHOZIAISTVO [FISHERIES]. Organ of VNIRO Glavnogo upravlenila rybnogo khoziaistva pri Gosplane SSSR [All-Union Scientific Institute of Maritime Fisheries and Oceanography of the Main Administration of Fisheries, Attached to the State Planning Commission of the U. S. S. R.]. Moscow, vol. 37, no. 6, 1961.

RYBOVODSTVO I RYBOLOVSTVO [PISCICULTURE AND FISHING]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 4, no. 4, July-Aug. 1961.

SOTSIALISTYCHNE TVARYNNYTSTVO [SOCIALIST ANIMAL HUSBANDRY]. Organ of Ministerstvo sil's'koho hospodarstva URSR [Ministry of Agriculture of the Ukrainian S. S. R.]. Kiev, vol. 33, no. 7, July 1961. [In Ukrainian.]

c. FORESTRY

AKADEMIIA NAUK SSSR. Laboratoriia lesovedeniia. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Laboratory of Forestry. Transactions]. Moscow, vol. 2, 1961.

LESNAIA PROMYSHLENNOST' [FOREST INDUSTRIES]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov RSFSR and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva lesnoi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the R. S. F. S. R. and the Central Administration of the Scientific Technological Society of Forest Industries]. Moscow, vol. 39, no. 7, July 1961.

LESNOE KHOZIAISTVO [FORESTRY]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 14, no. 7, July 1961.

MASTER LESA [MASTER LUMBERMAN]. Issued by TsK Profsoiuza rabochikh lesnoi, bumazhnoi i derevoobrabatyvaiushchei promyshlennosti [Central Committee of the Trade Union of Workers of the Forest, Paper, and Woodworking Industries]. Moscow, no. 8, Aug. 1961.

d. PLANT CULTURE

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR. Baku. Institut zemledeliia. Trudy [ACADEMY OF SCIENCES OF THE AZERBAIJAN S. S. R. Institute of Agriculture. Transactions]. Baku, vol 1, 1952, vol. 2, 1953.

(DA)

16. TECHNOLOGY

a. GENERAL

*BIULLETEN' IZOBRETENII [BULLETIN ON INVENTIONS] Issued by Komitet po delam izobretenii i otkrytii pri Sovete Ministrov SSSR [Committee on Inventions and Discoveries, Attached to the Council of Ministers of the U. S. S. R.] Moscow, nos. 1-6, 11 12, 1955 [Microfilm], vol 36, nos 8 9, 11-13, Apr.-May, June-July 1961.

EZHEMESIACHNYI BIULLETEN' IZOBRETENII [MONTHLY BULLETIN ON INVENTIONS] Issued by Patentnoe upravlenie Komiteta po izobreteniiam i otkrytiiam pri Sovete Ministrov SSSR [Patent Administration of the Committee on Inventions and Discoveries, Attached to the Council of Ministers of the U. S. S. R.]. Moscow, nos. 7-8, July-Aug. 1948.

INZHENERNO-FIZICHESKII ZHURNAL [JOURNAL OF ENGINEERING PHYSICS]. Issued by Akademiia nauk BSSR [Academy of Sciences of the White Russian S. S. R.]. Minsk, vol. 4, no. 6, June 1961. [With summaries in English.]

KUYBYSHEV. INDUSTRIAL'NYI INSTITUT. Sbornik nauchnykh trudov [INDUSTRIAL INSTITUTE. Collected Papers]. No 8, 1959.

NOVYE KNIGI ZA RUBEZHOM. Seriia B: Tekhnika [NEW FOREIGN BOOKS. Series B: Technology]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, vol. 5, no. 7(55), July 1961.

PMTF, zhurnal prikladnoi mekhaniki i tekhnicheskoi fiziki [PMTF, Journal of Applied Mechanics and Technical Physics]. Issued by Sibirskoe otdelenie Akademii nauk SSSR [Siberian Department of the Academy of Sciences of the U. S. S. R.]. Moscow, nos 3-4, Sep.-Dec. 1960.

PROFESSIONAL'NO-TEKHNICHESKOE OBRAZOVANIE [VOCATIONAL TECHNICAL EDUCATION]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po professional'no-tekhnicheskomu obrazovaniiu [State Committee of the Council of Ministers of the U. S. S. R. for Vocational Technical Education]. Moscow, vol. 18, nos. 6(193)-7(194), June-July 1961.

PROMYSHLENNOST' ARMENII [INDUSTRY OF ARMENIA] Issued by Sovet narodnogo khoziaistva Armianskoi SSR and Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov Armianskoi SSR [Economic Council of the Armenian S. S. R. and the State Scientific and Technical Committee of the Council of Ministers of the Armenian S. S. R.]. Erivan, vol. 4, no. 7, July 1961.

RUSSIA (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. Trudy [Institutov Komiteta [Committee of Standards, Measures, and Measuring Instruments. Transactions of the Institutes of the Committee]. Moscow, no. 43(103), 1960.

STANDARTIZATSIIA [STANDARDIZATION]. Organ of Komitet standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR [Committee of Standards, Measures, and Measuring Instruments, Attached to the Council of Ministers of the U. S. S. R.]. Moscow, vol. 25, no. 8, Aug. 1961.

SVERDLOVSK. URAL'SKII POLITEKHNICHESKII INSTITUT. Trudy [URAL POLYTECHNIC INSTITUTE. Transactions]. Moscow, nos. 109-110, 1961.

*ZHURNAL TEKHNICHESKOI FIZIKI [JOURNAL OF TECHNICAL PHYSICS]. Published by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 31, nos. 5-7, May-July 1961.

b. AERONAUTICS

GRAZHDANSKAIA AVIATSIIA [CIVIL AVIATION]. Issued by Glavnoe upravlenie grazhdanskogo vozdushnogo flota pri Sovete Ministrov SSSR [Main Administration of Civil Aviation, Attached to the Council of Ministers of the U. S. S. R.]. Moscow, vol. 18, no. 6, June 1961.

KRYL'IA RODINY [WINGS OF THE MOTHERLAND]. Published by Vsesoiuznoe dobrovol'noe obshchestvo sodeistviia armii, aviatsii i flotu [All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, vol. 12, nos. 4-5, Apr.-May 1961.

MOSCOW, AVIATSIONNYI INSTITUT. Trudy [AERONAUTICAL INSTITUTE. Transactions]. no. 125, 1960; no. 132, 1961.

VOPROSY RAKETNOI TEKHNIKI, sbornik perevodov i obzorov inostrannoi periodicheskoi literatury [PROBLEMS OF ROCKET ENGINEERING, Translations and Surveys of Foreign Periodical Literature]. Published by Izd-vo inostrannoi lit-ry [Publishing House of Foreign Literature]. Moscow. vol. 11, no. 8(80), 1961.

c. CHEMICAL TECHNOLOGY

KHIMICHESKAIA PROMYSHLENNOST' [CHEMICAL INDUSTRIES]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po khimii [State Committee of the Council of Ministers of the U. S. S. R. on Chemistry]. Moscow, no. 7, July 1961.

KHIMIIA I TEKHNOLOGHIA TOPLIV I MASEL [CHEMISTRY AND TECHNOLOGY OF FUEL AND OIL]. Issued by Gosudarstvennyi nauchno tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U. S. S. R.] and others. Moscow, vol. 6, no. 6, June 1961.

MASLOBOINO-ZHIROVAIA PROMYSHLENNOST' [OILS AND FATS INDUSTRY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [State Committee of the Council of Ministers of the U. S. S. R. on the Coordination of Research and the Central Administration of the Scientific Technological Society of the Food Industry] Moscow, vol. 27, no. 7, July 1961.

MOSCOW. INSTITUT KHIMICHESKOGO MASHINOSTROENIIA. Trudy [INSTITUTE OF CHEMICAL MACHINERY MANUFACTURE. Transactions]. Vol. 16, 1958.

[MICROFILM]

MOSCOW. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT SPIRTOVOI I LIKERO-VODOCHNOI PROMYSHLENNOSTI. Trudy [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF THE DISTILLING AND LIQUOR-VODKA INDUSTRY. Transactions]. Moscow, no. 10, 1961.
Contents: Shul'man, M. S. [Mechanical formation of starch sizes] Mekhanicheskaia kleisterizatsiia krakhmala. 148 p.

PLASTICHESKIE MASSY [PLASTICS]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po khimii [State Committee for Chemistry of the Council of Ministers of the U. S. S. R.]. Moscow, nos. 7-8, 1961.

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; pishchevaia tekhnologiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Food Technology]. Moscow, no. 2(15), 1960.

SAKHARNAIA PROMYSHLENNOST' [SUGAR INDUSTRY]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U. S. S. R. and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 35, no. 7, July 1961.

SOVETSKOE FOTO [THE SOVIET PHOTOGRAPH]. Issued by Ministerstvo kul'tury SSSR [Ministry of Culture of the U. S. S. R.]. Moscow, vol. 21, no. 7, July 1961.

STEKLO I KERAMIKA [GLASS AND CERAMICS]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U. S. S. R. for Construction]. Moscow, vol. 18, nos. 6-7, June-July 1961.

VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT NEFTEKHIMICHESKIKH PROTSESSOV. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE FOR PETROLEUM CHEMISTRY. Transactions]. No. 4, 1961.
Contents: Artiukhov, I. M. [Oxidative conversion of hydrocarbons] Okislitel'naia konversiia uglevodorodov. 90 p.

YALTA. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT VINODELIIA I VINO GRADARSTVA "MAGARACH." Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF VITICULTURE AND WINE MAKING "MAGARACH." Transactions]. Moscow, vol. 10, 1960.
Contents: Kondo, I. N. [Viticulture; winter hardiness of grapes in Central Asia] Vinogradarstvo; zimostoikost' vinograda v usloviiakh Srednei Azii. 255 p.

ZHURNAL PRIKLADNOI KHIMII [JOURNAL OF APPLIED CHEMISTRY]. Published by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 34, no. 7, July 1961.

d CIVIL & CONSTRUCTION ENGINEERING

AKADEMIIA KOMMUNAL'NOGO KHOZIAISTVA. Sbornik nauchnykh rabot aspirantov [ACADEMY OF COMMUNAL ECONOMY. Collected Papers of Graduate Students] Moscow, no. 1, 1959.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Izvestiia [ACADEMY OF CONSTRUCTION AND ARCHITECTURE OF THE U.S.S.R. Bulletin]. Moscow, no. 1, 1961.

AVTOMOBIL'NYE DOROGI [HIGHWAYS]. Issued by Ministerstvo transportnogo stroitel'stva SSSR [Ministry of Construction for the Transportation Industry of the U.S.S.R.]. Moscow, vol. 24, nos. 6(283)-7(225), June-July 1961.

BABUSHKIN, VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT TRANSPORTNOGO STROITEL'STVA. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF TRANSPORTATION CONSTRUCTION. Transactions]. No. 39, 1960.
Contents Zavriev, K.S., Krukov, E.P., Shpiro, G.S. [Study of the strength of the foundation of contact network supports] Issledovanie nesushchei sposobnosti fundamentov opor kontaktnoi seti. 315 p.

BETON I ZHELEZOBETON [CONCRETE AND REINFORCED CONCRETE] Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, nos. 6-7, June-July 1961.

BULLETEN' STROITEL'NOI TEKHNIKI [BULLETIN OF CONSTRUCTION ENGINEERING]. Published by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, vol. 18, no. 6, June 1961.

GIDROTEKHNICHESKOE STROITEL'STVO [HYDROTECHNICAL CONSTRUCTION]. Issued by Ministerstvo stroitel'stva elektrostantsii SSSR [Ministry for the Construction of Electric Power Stations of the U.S.S.R.]. Moscow, vol. 31, no. 7, July 1961

GORODSKOE KHOZIAISTVO MOSKVY [MUNICIPAL ECONOMY OF MOSCOW]. Organ of Ispolkom Moskovskogo gorodskogo soveta deputatov trudiashchikhsia [Executive Committee of the Moscow City Soviet of Workers' Deputies]. Moscow, vol. 35, nos. 6-7, June-July 1961.

MEKHANIZATSIIA STROITEL'STVA [MECHANIZATION OF CONSTRUCTION]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva stroitel'noi industrii [State Committee of the Council of Ministers of the U.S.S.R. for Construction and the Central Administration of the Scientific Technological Society of the Construction Industry] Moscow, vol. 18, nos. 5-7, May-July 1961.

MONTAZHNYE I SPETSIALIZIROVANNYE RABOTY V STROITEL'STVE [ASSEMBLING AND SPECIALIZED OPERATIONS IN CONSTRUCTION]. Organ of Ministerstvo stroitel'stva RSFSR and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva stroitel'noi industrii [Ministry of Construction of the R.S.F.S.R. and the Central Administration of the Scientific Technological Society of the Building Industry]. Moscow, vol. 23, nos. 6-7, June-July 1961.

MOSCOW. INSTITUT INZHENEROV GORODSKOGO STROITEL'STVA. Trudy [INSTITUTE OF URBAN CONSTRUCTION ENGINEERS. Transactions]. No. 8, 1958.

MOSCOW. INZHENERNO-STROITEL'NYI INSTITUT. Sbornik trudov [CIVIL ENGINEERING INSTITUTE. Collected Papers]. Nos. 32, 36, 1961.

NA STROIKAKH ROSSII [AT RUSSIAN CONSTRUCTION PROJECTS]. Organ of Gosudarstvennyi komitet Soveta Ministrov RSFSR po delam stroitel'stva [State Committee of the Council of Ministers of the R.S.F.S.R.]. Moscow, nos. 5-6, May-June 1961.

OSNOVANIIA, FUNDAMENTY I MEKHANIKA GRUNTOV [FOUNDATIONS AND SOIL MECHANICS]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, vol. 3, no. 3, 1961.

PROMYSHLENNOE STROITEL'STVO [INDUSTRIAL CONSTRUCTION]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva stroitel'noi industrii [State Committee of the Council of Ministers of the U.S.S.R. for Construction and the Central Administration of the Scientific Technological Society of the Building Industry] Moscow, vol. 39, nos. 5-7, 1961

PUT' I PUTEVOE KHOZIAISTVO [RAILROAD TRACKS AND ROADWAY MAINTENANCE]. Organ of Ministerstvo putei soobshcheniia SSSR [Ministry of Railroad Transportation of the U.S.S.R.]. Moscow, vol. 5, no 4, Apr. 1961

REFERATIVNYI ZHURNAL STROITEL'STVO I ARKHITEKTURA [JOURNAL OF ABSTRACTS CONSTRUCTION AND ARCHITECTURE] Issued by Akademiia stroitel'stva i arkhitektury SSSR [Academy of Construction and Architecture of the U.S.S.R.] Moscow, no. 4, 1961.

REFERATIVNYI ZHURNAL: TRANSPORT [JOURNAL OF ABSTRACTS TRANSPORTATION]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, nos. 7-8, July-Aug. 1961.

SEL'SKII STROITEL' [RURAL BUILDER] Organ of Glavnoe upravlenie po stroitel'stvu v kolkhozakh Ministerstva sel'skogo khoziaistva RSFSR [Main Administration of Construction on Collective Farms of the Ministry of Agriculture of the R.S.F.S.R.]. Moscow, vol. 16, no. 6(140), June 1961.

SIL'S'KE BUDIVNYTSTVO [RURAL CONSTRUCTION] Issued by Ministerstvo sil's'koho hospodarstva URSR [Ministry of Agriculture of the Ukrainian S.S.R.]. Kiev, vol. 11, nos. 6-7, June-July 1961. [In Ukrainian.]

STROITEL' [THE BUILDER]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, nos. 2, 6, Feb., June 1961.

STROITEL'NYE MATERIALY [BUILDING MATERIALS]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, vol. 7, nos. 6-7, June-July 1961.

TRANSPORTNOE STROITEL'STVO [CONSTRUCTION FOR THE TRANSPORTATION INDUSTRY]. Organ of Ministerstvo transportnogo stroitel'stva [Ministry of Construction for the Transportation Industry]. Moscow, vol. 11, no. 7, July 1961.

TSEMENT [CEMENT]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, Vol. 27, no. 3, May-June 1961.

VODOSNABZHENIE I SANITARNAIA TEKHNIKA [WATER SUPPLY AND SANITARY ENGINEERING] Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, nos. 2-3, 7, Feb.-Mar., July 1961.

VSESOIUZNYI INSTITUT PO PROEKTIROVANIIU ORGANIZATSII ENERGETICHESKOGO STROITEL'STVA "ORGENERGOSTROI." Moskovskii filial. Nauchno-issledovatel'skii sektor. Trudy [ALL-UNION INSTITUTE FOR PLANNING THE ORGANIZATION OF POWER CONSTRUCTION. Moscow Branch. Scientific Research Section. Transactions]. Moscow, no. 3, 1959.

ZHILISHCHNO-KOMMUNAL'NOE KHOZIAISTVO [COMMUNAL HOUSING AND SERVICES]. Issued by Ministerstvo kommunal'nogo khoziaistva RSFSR and TsK profsoiuza rabochikh mestnoi promyshlennosti i kommunal'nogo khoziaistva [Ministry of Communal Economy of the R.S.F.S.R. and the Central Committee of the Trade Union of Workers of Local Industries and Communal Economy]. Moscow, vo. 11, nos. 5-7, May-July 1961.

ZHILISHCHNOE STROITEL'STVO [HOUSING CONSTRUCTION]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva and TSentral'noe pravlenie NTO stroitel'noi industrii [State Committee of the Council of Ministers of the U.S.S.R. for Construction and the Central Administration of the Scientific Technological Society of the Building Industry]. Moscow, no. 6, June 1961.

e. ELECTRICAL ENGINEERING

AKADEMIIA NAUK SSSR. Izvestiia. Otdelenie tekhnicheskikh nauk. Energetika i avtomatika [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Department of Technological Sciences. Power Engineering and Automatic Control]. Moscow, no. 3, May-June 1961.

ANNOTIROVANNYI UKAZATEL' LITERATURY PO RADIOELEKTRONIKE [ANNOTATED BIBLIOGRAPHY ON ELECTRONICS]. Moscow, vol. 17, nos. 13-14, 1961.

*ATOMNAIA ENERGIIA [ATOMIC ENERGY] Issued by Akademiia nauk SSSR and Gosudarstvennyi komitet Soveta Ministrov SSSR po ispol'zovaniiu atomnoi energii [Academy of Sciences of the U.S.S.R. and State Committee on the Use of Atomic Energy of the Council of Ministers of the U.S.S.R.] Moscow, vol. 11, no. 1, July 1961.

ATOMNAIA TEKHNIKA ZA RUBEZHOM [NUCLEAR ENGINEERING ABROAD] Issued by Gosudarstvennyi Komitet Soveta Ministrov SSSR po ispol'zovaniiu atomnoi energii [State Committee of the Council of Ministers of the U.S.S.R. for the Utilization of Atomic Energy]. Moscow, vol. 6, no. 7, July 1961.

*AVTOMATIKA I TELEMEKHANIKA [AUTOMATIC AND REMOTE CONTROL]. Published by Institut avtomatiki i telemekhaniki Akademii nauk SSSR [Institute of Automatic and Remote Control of the Academy of Sciences of the U.S.S.R.] Moscow, vol. 22, no. 6, June 1961. [With summaries in English.]

ELEKTRICHESKIE STANTSII [ELECTRIC POWER STATIONS]. Organ of Gosplan SSSR, Nauchno-tekhnicheskii komitet Soveta Ministrov SSSR, and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva energeticheskoi promyshlennosti [State Planning Commission of the U.S.S.R., Scientific and Technical Committee of the Council of Ministers of the U.S.S.R., and the Central Administration of the Scientific Technological Society of the Industrial Power Industry]. Moscow, vol 32, no. 4, Apr. 1961.

ELEKTRIFIKATSIIA ZHELEZNYKH DOROG [RAILWAY ELECTRIFICATION]. Issued by Institut kompleksnykh transportnykh problem Akademii nauk SSSR [Institute of General Transportation Problems of the Academy of Sciences of the U.S.S.R.] Moscow, no. 3, 1961.

*ELEKTROSVIAZ' [TELECOMMUNICATION]. Organ of Ministerstvo sviazi SSSR [Ministry of Communication of the U.S.S.R.] Moscow, vol. 15, no. 6, Aug. 1961.

ENERGETIK [ELECTRIC POWER TECHNICIAN]. Issued by Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TSentral'nyi Komitet Profsoiuza rabochikh elektrostantsii i elektropromyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. and the Central Committee of the Trade Union of the Workers of Electric Power Stations and the Electrical Industry]. Moscow, vol. 9, no. 3, Mar. 1961.

NAUCHNO-ISSLEDOVATEL'SKII INSTITUT POSTOIANNOGO TOKA. Izvestiia [DIRECT CURRENT SCIENTIFIC RESEARCH INSTITUTE Bulletin]. Moscow, no. 6, 1960.

PROBLEMY PEREDACHI INFORMATSII [PROBLEMS OF TRANSMISSION OF INFORMATION]. Issued by Laboratoriia sistem peredachi informatsii Akademii nauk SSSR [Laboratory of Systems of Transmission of Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no 9, 1961.

PROMYSHLENNAIA ENERGETIKA [INDUSTRIAL POWER]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and Nauchno-tekhnicheskoe obshchestvo energeticheskoi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. and the Scientific Technological Society of the Power Industry]. Moscow, vol. 16, no. 5, May 1961.

RADIO [RADIO]. Organ of Ministerstvo sviazi SSSR and Vsesoiuznoe dobrovol'noe obshchestvo sodeistviia armii, aviatsii i flotu [Ministry of Communication of the U.S.S.R. and of the All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, nos. 4-5, Apr.-May 1961.

*RADIOTEKHNIKA [RADIO ENGINEERING]. Organ of Nauchno-tekhnicheskoe obshchestvo radiotekhniki i elektrosviazi im. A.S. Popova [A.S. Popov Scientific Technical Society of Radio Engineering and Telecommunications]. Moscow, vol. 16, nos. 7-8, July-Aug. 1961.

*RADIOTEKHNIKA I ELEKTRONIKA [RADIO ENGINEERING AND ELECTRONICS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 6, no. 8, Aug. 1961.

REFERATIVNYI ZHURNAL: AVTOMATIKA I RADIOELEKTRONIKA [JOURNAL OF ABSTRACTS: AUTOMATIC CONTROL AND RADIO ENGINEERING]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 8, Aug. 1961.

REFERATIVNYI ZHURNAL ELEKTROTEKHNIKA I ENERGETIKA [JOURNAL OF ABSTRACTS ELECTRICAL ENGINEERING AND ELECTRIC POWER]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no.8, Aug. 1961.

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; elektromekhanika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Electrical Machinery and Apparatus]. Novocherkassk, vol. 4, nos. 3-7, 1961

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, energetika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Power Engineering]. Moscow, vol. 4, no. 7, July 1961

SVETOTEKHNIKA [ILLUMINATING ENGINEERING]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu and TSentral'noe pravlenie nauchno-tekhnicheskogo obshchestva energeticheskoi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture and the Central Administration of the Scientific Technological Society of the Power Industry]. Moscow, vol. 7, no. 8, Aug. 1961.

ZARUBEZHNAIA RADIOELEKTRONIKA [RADIO ENGINEERING ABROAD]. Moscow, vol 16, no 8, Aug. 1961.

f. INDUSTRIES & TRADES

AKADEMIIA NAUK URSR, Kiev. Instytut elektrozvariuvannia. Avtomaticheskaia svarka [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Institute of Electric Welding. Automatic Welding]. Kiev, vol. 14, no. 7, July 1961

*DEREVOOBRABATYVAIUSHCHAIA PROMYSHLENNOST' [WOODWORKING INDUSTRY]. Issued by Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov RSFSR and TSentral'noe pravlenie NTO bumazhnoi i derevoobrabatyvaiuschei promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the R.S.F.S.R. and the Central Administration of the Scientific Technological Society of the Paper and Woodworking Industry]. Moscow, vol. 10, nos. 6-7, June-July 1961.

KHLEBOPEKARNAIA I KONDITERSKAIA PROMYSHLENNOST' [BAKING AND CONFECTIONERY INDUSTRY]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 5, nos. 6-7, June-July 1961.

MESTNAIA PROMYSHLENNOST' I KHUDOZHESTVENNYE PROMYSLY [LOCAL INDUSTRY AND ART TRADES]. Issued by Gosudarstvennyi komitet po delam mestnoi promyshlennosti i khudozhestvennykh promyslov [State Committee for Local Industry and Art Trades]. Moscow, vol. 2, no. 6, June 1961.

MIASNAIA INDUSTRIIA SSSR [MEAT INDUSTRY OF THE U.S.S.R.]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R.]. Moscow, vol. 31, no. 4, 1960; vol. 32, nos. 1-3, 1961.

MUKOMOL'NO-ELEVATORNAIA PROMYSHLENNOST' [FLOUR MILLING AND GRAIN STORAGE]. Organ of Gosudarstvennyi komitet zagotovok Soveta Ministrov SSSR [State Committee for Procurement of the Council of Ministers of the U.S.S.R.]. Moscow, vol. 27, nos. 4, 7-8, Apr., July-Aug. 1961.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; tekhnologiia legkoi promyshlennosti [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Technology of Light Industry]. Moscow, no. 3(21), 1961.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; tekhnologiia tekstil'noi promyshlennosti [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Technology of the Textile Industry]. Moscow, no. 3(22), 1961.

TEKSTIL'NAIA PROMYSHLENNOST' [TEXTILE INDUSTRY]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva legkoi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. and the Central Administration of the Scientific Technological Society of Light Industry]. Moscow, vol. 21, no. 4, Apr. 1961.

g. MECHANICAL ENGINEERING

AVTOMOBIL'NYI TRANSPORT [AUTOMOTIVE TRANSPORTATION]. Issued by Ministerstvo avtomobil'nogo transporta i shosseinykh dorog RSFSR and TSentral'nyi komitet Profsoiuza rabotnikov svlazi, rabochikh avtomobil'nogo transporta i shosseinykh dorog [Ministry of Automotive Transport and Highways of the R.S.F.S.R. and the Central Committee of the Trade Union of Communication, Automotive Transport, and Highway Workers]. Moscow, vol. 39, no. 6, June 1961.

ELEKTRICHESKAIA I TEPLOVOZNAIA TIAGA [ELECTRIC AND DIESEL LOCOMOTIVE TRACTION]. Issued by Ministerstvo putei soobshchenila SSSR [Ministry of Railroad Transportation of the U.S.S.R.]. Moscow, vol. 5, no. 5(53), May 1961.

ENERGOMASHINOSTROENIE [POWER MACHINERY CONSTRUCTION]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu [State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture]. Moscow, vol. 7, nos. 4, 6, Apr., June 1961.

MASHINOSTROITEL' [MACHINE BUILDER]. Organ of Nauchno-tekhnicheskoe obshchestvo mashinostroitel'noi promyshlennosti [Scientific-Technological Society of the Machinery Manufacturing Industry]. Moscow, nos. 7-8, Aug. 1961.

MEKHANIZATSIIA I AVTOMATIZATSIIA PROIZVODSTVA [MECHANIZATION AND AUTOMATION OF PRODUCTION]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R.]. Moscow, vol. 15, no. 7, July 1961.

MODERNIZATSIIA METALLOREZHUSHCHIKH STANKOV [MODERNIZATION OF METAL-CUTTING MACHINERY]. Issued by Eksperimental'nyi nauchno-issledovatel'skii institut metallorezhushchikh stankov [Experimental Scientific Research Institute of Metal-Cutting Machinery]. Moscow, no. 16(34), 1960.

MOSCOW. MOSKOVSKII INSTITUT INZHENEROV ZHELEZNODOROZHNOGO TRANSPORTA. Trudy [MOSCOW INSTITUTE OF ENGINEERS OF RAILROAD TRANSPORTATION. Transactions]. No. 210, 1961.
Contents: Egorenkov, N.G., and others. [ChDTs-TsNII system frequency-operated centralized traffic control] Chastotnaia dispetcherskaia tsentralizatsiia sistemy ChDTs-TsNII. 174 p.
No. 211, 1961.
Contents: Shakhuniants, G.M., and others. [Landslide protection on railroads of the U.S.S.R.] Opyt bor'by s opolznjami na zheleznykh dorogakh SSSR. 183 p.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT ZHELEZNODOROZHNOGO TRANSPORTA. Vestnik [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF RAILROAD TRANSPORTATION. Journal]. Vol. 20, no. 4, 1961.

PRISPOSOBLENIIA DLIA TEKHNICHESKOGO OBSLUZHIVANIIA I REMONTA AVTOMOBILEI [ACCESSORIES FOR TECHNICAL SERVICING AND REPAIR OF AUTOMOBILES]. Issued by Gosudarstvennyi nauchno-issledovatel'skii institut avtomobil'nogo transporta [State Scientific Research Institute of Automotive Transportation]. Moscow, nos. 23(6)-24(6), 1960.

REFERATIVNYI ZHURNAL: MASHINOSTROENIE [JOURNAL OF ABSTRACTS: MACHINERY MANUFACTURE]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 15-16 Aug. 1961.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i

[illegible] 1961.

STROITEL'NYE I DOROZHNYE MASHINY [ROAD AND CONSTRUCTION MACHINERY]. Issued by Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu [State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture]. Moscow, vol. 6, nos. 6-7, June-July 1961.

TRAKTORY I SEL'KHOZMASHINY [TRACTOR AND AGRICULTURAL MACHINERY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu [State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture]. Moscow, vol. 31, nos. 2, 8, Feb., Aug. 1961.

ZA RULEM [AT THE WHEEL]. Issued by Vsesoiuznoe dobrovol'noe obshchestvo sodeistvila armii, aviatsii i flotu [All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, vol. 14, nos. 4-5, Apr.-May 1961.

ZHELEZNODOROZHNYI TRANSPORT [RAILROAD TRANSPORTATION]. Organ of Ministerstvo putei soobshchenila SSSR [Ministry of Railroad Transportation of the U.S.S.R.] Moscow, vol. 43, nos. 6-7, June-July 1961.

h. MINING & METALLURGY

*AKADEMIIA NAUK SSSR. Izvestiia. Otdelenie tekhnicheskikh nauk. Metallurgiia i toplivo [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Department of Technological Sciences. Metallurgy and Fuel]. Moscow, no. 3, May-June 1961.

GEOFIZICHESKAIA RAZVEDKA [GEOPHYSICAL PROSPECTING]. Issued by Glavnoe upravlenie geologii i okhrany nedr pri Sovete Ministrov RSFSR [Main Administration of Geology and the Conservation of Mineral Resources, Attached to the Council of Ministers of the R.S.F.S.R.]. Moscow, no. 4, 1961.

KHARKOV. POLITEKHNICHESKII INSTITUT. Trudy [POLYTECHNIC INSTITUTE. Transactions]. Vol. 21, 1959. Seriia metallurgicheskaia [Metallurgical Series], no. 4.

LITEINOE PROIZVODSTVO [FOUNDRY PRACTICE]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR, Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu, and Nauchno-tekhnicheskoe obshchestvo mashinostroitel'noi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R., State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture, and the Scientific Technological Society of the Machine-Building Industry]. Moscow, nos. 7-8, July-Aug. 1961.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII GEOLOGORAZVEDOCHNYI NEFTIANOI INSTITUT. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF PETROLEUM GEOLOGY AND PROSPECTING. Transactions]. No. 20, vol. 1, 1960, no. 32, 1960; no. 29, vol. 2, 1961.

NEFTIANIK [THE PETROLEUM WORKER]. Issued by Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TsK Profsoiuza rabochikh neftianoi i khimicheskoi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. and the Central Committee of the Trade Union of Workers of the Petroleum and Chemical Industries]. Moscow, vol. 6, no. 7, July 1961.

NEFTIANOE KHOZIAISTVO [PETROLEUM INDUSTRY]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva neftianoi i gazovoi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. and the Central Committee of the Scientific Technological Society of the Petroleum and Gas Industry]. Moscow, vol. 39, no. 8, Aug. 1961.

*OGNEUPORY [REFRACTORIES]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva chernoi metallurgii [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. and the Central Administration of the Scientific Technological Society of Ferrous Metallurgy]. Moscow, vol. 26, nos. 6-7, 1961.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; geologiia i razvedka [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Geology and Prospecting]. Moscow, vol. 3, no. 6, June 1960; vol. 4, no. 1, Jan. 1961.

SBORNIK RATSIONALIZATORSKIKH PREDLOZHENII, VNEDRENNYKH V PROIZVODSTVO [COLLECTION OF INNOVATIONS INTRODUCED IN PRODUCTION] Issued by TSentral'nyi institut informatsii chernoi metallurgii [Central Institute of Information on Ferrous Metallurgy] Moscow, nos 1(114)-2(115), 1961.

SOVETSKII SHAKHTER [SOVIET MINER]. Issued by TSentral'nyi komitet Profsoiuza rabochikh ugol'noi promyshlennosti SSSR [Central Committee of the Trade Union of Workers of the Coal Industry of the U.S.S.R.]. Moscow, vol. 10, no. 3, Mar. 1961.

STROITEL'STVO TRUBOPROVODOV [PIPELINE CONSTRUCTION]. Issued by Glavnoe upravlenie gazovoi promyshlennosti pri Sovete Ministrov SSSR [Main Administration of the Gas Industry, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 6, nos. 5-6, May-June 1961.

UGOL' [COAL]. Issued by Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TSentral'noe pravlenie Nauchno-tekhnicheskogo gornogo obshchestva [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. and the Central Administration of the Scientific Technological Mining Society]. Moscow, Vol. 36, no. 6(423), June 1961.

UGOL' UKRAINY [COAL OF THE UKRAINE]. Issued by Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov USSR [State Scientific and Technical Committee, Attached to the Council of Ministers of the Ukrainian S.S.R.]. Kiev, vol. 5, no. 6, June 1961.

VSESOIUZNYI NEFTEGAZOVYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF PETROLEUM AND NATURAL GAS. Transactions]. Moscow, no. 31, 1961.

Contents: Pesliak, IU. A., Ruppenelt, K B. [Theory of rock pressure and the method of designing casing pipes] Teoriia davleniia gornykh porod i metod rascheta obsadnykh trub. 130 p.

•ZAVODSKAIA LABORATORIIA [THE FACTORY LABORATORY]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R.]. Moscow, vol. 27, nos. 7-8, 1961.

17. MILITARY & NAVAL SCIENCES

a MILITARY SCIENCE

BLOKNOT AGITATORA [THE AGITATOR'S NOTEBOOK]. Issued by Glavnoe politicheskoe upravlenie Sovetskoi Armii i Voenno-Morskogo Flota [Main Political Administration of the Soviet Army and Navy]. Moscow, nos. 15-23, May-Aug. 1961.

BRATSTVO KOLYSHNYKH VOIAKIV PERSHOI UKRAINS'KOI DYVIZII UKRAINS'KOI NARODNOI ARMII. Visti [BROTHERHOOD OF FORMER SOLDIERS OF THE FIRST UKRAINIAN DIVISION OF THE UKRAINIAN NATIONAL ARMY. News]. Munich, vol. 12, no. 102, June 1961. [In Ukrainian.]

KOMMUNIST VOORUZHENNYKH SIL [COMMUNIST OF THE ARMED FORCES]. Issued by Glavnoe politicheskoe upravlenie Sovetskoi Armii i Voenno-Morskogo Flota [Main Political Administration of the Soviet Army and Navy]. Moscow, vol. 1, no. 1, Oct. 1960 [Photocopy], vol. 1, nos. 13, 16, July-Aug. 1961

NASHA PEREKLICHKA [OUR ROLL CALL]. New York, vol. 2, nos. 19(119)-20(120), Aug.-Sep. 1961.

NASHI VESTI [OUR NEWS]. Published by Soiuz chinov Russkogo korpusa [The Association of Members of the Russian Corps] New York, nos. 181-183, July-Sep. 1961.

RODIMYI KRAI [NATIVE LAND]. Issued by Donskoe voiskovoe ob"edinenie [Don Cossack Association]. Paris, no. 35, July-Aug. 1961.

SOVETSKII VOIN [SOVIET SOLDIER] Issued by Glavnoe politicheskoe upravlenie Sovetskoi Armii i Voenno-Morskogo Flota [Main Political Administration of the Soviet Army and Navy]. Moscow, vol. 43, nos. 8(932), 16(940), Apr., Aug. 1961.

STARSHINA—SERZHANT [NONCOMMISSIONED OFFICERS]. Issued by Ministerstvo oborony SSSR [Ministry of Defense of the U.S.S.R.] Moscow, nos 1, 2(5) [Photocopy], 4(7), Jan.-Feb., Apr. 1961.

TYL I SNABZHENIE SOVETSKIKH VOORUZHENNYKH SIL [THE REAR AND SUPPLY OF SOVIET ARMED FORCES]. Issued by Ministerstvo oborony SSSR [Ministry of Defense of the U.S.S.R.]. Moscow, vol. 21, no. 4, Apr. 1961.

VESTNIK PROTIVOVOZDUSHNOI OBORONY. [AIR DEFENSE REVIEW]. Published by Voennoe izdatel'stvo Ministerstva oborony SSSR [Military Publishing House of the Ministry of Defense of the U.S.S.R.]. Moscow, nos. 3-6, Mar.-May 1961.

VESTNIK VOZDUSHNOGO FLOTA [REVIEW OF THE AIR FORCE]. Issued by Upravlenie Voenno-Vozdushnykh Sil [Administration of the Air Force]. Moscow, nos. 2, 4, Feb., Apr. 1961.

VOENNYI VESTNIK [MILITARY REVIEW]. Organ of Ministerstvo oborony SSSR [Ministry of Defense of the U.S.S.R.]. Moscow, no. 9, Sep 1960 [Photocopy], vol. 40, no 4, Apr. 1961

VOENNYE ZNANIIA. [MILITARY KNOWLEDGE]. Organ of Vsesoiuznoe dobrovol'noe obshchestvo sodeistviia armii, aviatsii i flotu [All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, vol. 37, no. 8, Aug. 1961.

b NAVAL SCIENCE

ASSOCIATION OF RUSSIAN IMPERIAL NAVAL OFFICERS IN AMERICA, New York. [Bulletin]. OBSHCHESTVO OFITSEROV ROSSIISKAGO IMPERATORSKAGO FLOTA V AMERIKE. Biulleten'. New York, no. 2(95), Sep. 1961.

LENINGRAD. KORABLESTROITEL'NYI INSTITUT. Trudy [SHIPBUILDING INSTITUTE. Transactions]. No. 29, 1959.

PART C

List of Periodicals Indexed and Abbreviations Used

† Titles listed for the first time

Agitator (6) — Agitator [Agitator]

Agrobiologiia (15a) — Agrobiologiia [Agrobiology]

Akust. zhur. (13f) — Akusticheskii zhurnal [Journal of Acoustics]

Annot. ukaz. lit. po radioelek. (16e) — Annotirovannyi ukazatel' literatury po radioelektronike [Annotated Bibliography on Electronics]

Antibiotiki (14f) — Antibiotiki [Antibiotics]

Apt. delo (14f) — Aptechnoe delo [Pharmacy]

Astron. tsir. (13b) — Astronomicheskii tsirkuliar [Astronomical Circular]

Atom. energ. (16e) — Atomnaia energiia [Atomic Energy]

Atom. tekh. za rub. (16e) — Atomnaia tekhnika za rubezhom [Nuclear Engineering Abroad]

Avt. dor. (16d) — Avtomobil'nye dorogi [Highways]

Avt. transp. (16g) — Avtomobil'nyi transport [Automotive Transportation]

Avtom. i telem. (16e) — Avtomatika i telemekhanika [Automatic and Remote Control]

Avtom. svar. (16f) — Akademiia nauk URSR, Kiev. Institut elektrozvarivaniia. Avtomaticheskaia svarka [Academy of Sciences of the Ukrainian S.S.R. Institute of Electric Welding. Automatic Welding]

Az. i Afr. segodnia (15b) — Aziia i Afrika segodnia [Asia and Africa Today]

Belarus' (15b) — Belarus' [White Russia] In White Russian

Bet. i zhel.-bet. (16d) — Beton i zhelezobeton [Concrete and Reinforced Concrete]

Bibliotekar' (25b) — Bibliotekar' [The Librarian]

Biofizika (13c) — Biofizika [Biophysics]

Biol. v shkole (13c) — Biologiia v shkole [Biology in Schools]

Biul. Inst. biol. AN BSSR (13c) — Akademiia nauk BSSR, Minsk. Institut biologii. Biulleten' [Academy of Sciences of the White Russian S.S.R. Institute of Biology. Bulletin]

Biul. Ispol. kom Mosk. gor. sov. (6) — Moscow. Ispolnitel'nyi komitet. Biulleten' [Executive Committee Bulletin]

Biul. izobr. (16a) — Biulleten' izobretenii [Bulletin on Inventions]

Biul. MOIP. Otd. biol. (13c) — Moskovskoe obshchestvo ispytatelei prirody. Biulleten', Otdel biologicheskii [Moscow Naturalists' Society. Bulletin. Biological Section]

Biul. MOIP. Otd. geol. (13c) — Moskovskoe obshchestvo ispytatelei prirody. Biulleten', Otdel geologicheskii [Moscow Naturalists' Society. Bulletin. Geological Section]

Biul. Min. vys. i sred. spets. obr. SSSR (8a) — Russia (1923– U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Biulleten' [Ministry of Higher and Secondary Specialized Education. Bulletin]

...ehno-issledovatel'skii institut ...eten' nauchno-tekhnicheskoi ... Scientific Research Institute ... Bulletin of Scientific and Tech-

...anograficheskaia komissiia. ...Sciences of the U.S.S.R. ...sion Bulletin]

...tronomicheskii sovet. Biulleten' ...bliudenii iskusstvennykh sputni... ...Sciences of the U.S.S.R. Astro... ...in of the Stations for Optical ... Earth Satellites]

...niki [Bulletin of Construction

...odezicheskoe obshchestvo. ...stronomical-Geodetic Society.

... Verkhovnyi Sud. Biulleten' ...tin]

...gitator's Notebook]. Issued by ...inistration of the Ministry of ...

...anical Journal]

...counting]

Den. i kred. (5c) — Den'gi i kredit [Money and Credit]

Der. prom. (16f) — Derevoobrabatyvaiushchaia promyshlennost' [Woodworking Industry]

Dokl. AN SSSR (13a) — Akademiia nauk SSSR. Doklady [Academy of Sciences of the U.S.S.R. Reports]

Dokl. i soob. VNIESKH (5b) — Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut ekonomiki sel'skogo khoziaistva. Doklady i soobshcheniia [All-Union Scientific Research Institute of Agricultural Economics. Reports and Papers]

Dokl. TSKhA (15a) — Moscow. Moskovskaia sel'skokhoziaistvennaia akademiia im. Timiriazeva. Doklady [Timiriazev Agricultural Academy of Moscow. Reports]

Doshk. vosp. (8a) — Doshkol'noe vospitanie [Preschool Education]

Doshk. vykh. (8a) — Doshkil'ne vykhovannia [Preschool Education]. In Ukrainian.

Ekon. stroit. (5b) — Ekonomika stroitel'stva [Economics of Construction]

Elek. i tepl. tiaga (16g) — Elektricheskaia i teplovoznaia tiaga [Electric and Diesel Locomotive Traction]

Elek. sta. (16e) — Elektricheskie stantsii [Electric Power Stations]

Elek. zhel. dor (16e) — Elektrifikatsiia zheleznykh dorog [Railway electrification]

Elektrosviaz' (16e) — Elektrosviaz' [Telecommunication]

Energetik (16e) — Energetik [Electric Power Technician]

Energomashinostroenie (16g) — Energomashinostroenie [Power Machinery Construction]

Izhemes. biul. izobr. (16a) — Izhemesinskiy biulleten' izobretenii [Monthly Bulletin on Inventions]

Fel'd i akush. (14g) — Fel'dsher i akusherka [Feldsher and Midwife]

Fin. SSSR (5c) — Finansy SSSR [Finance of the U.S.S.R.]

Fiz. tver. tela (13f) — Fizika tverdogo tela [Solid State Physics]

Fiziol. zhur. (13c) — Fiziologicheskii zhurnal SSSR [Physiological Journal of the U.S.S.R.]

Fiziol. zhur. [Ukr.] (13c) — Fiziologichnyi zhurnal [Physiological Journal]. In Ukrainian.

Geod. i kart. (13b) — Geodeziia i kartografiia [Geodesy and Cartography]

Geofiz. razved. (16h) — Geofizicheskaia razvedka [Geophysical Prospecting]

Geol. i geofiz. (12c) — Geologiia i geofizika [Geology and Geophysics]

Geol. mest. red. elem. (12c) — Geologiia mestorozhdenii redkikh elementov [Geology of Rare-Element Deposits]

Geol. zhur. (12c) — Geologichnyi zhurnal [Geological Journal]. In Ukrainian.

Geomag. i aer. (13f) — Geomagnetizm i aeronomiia [Geomagnetism and Aeronomy]

Gidr. i mel. (15a) — Gidrotekhnika i melioratsiia [Hydraulic Engineering and Reclamation]

Gidr. strol (16d) — Gidrotekhnicheskoe stroitel'stvo [Hydrotechnical Construction]

Gig. i san. (14g) — Gigiena i sanitariia [Hygiene and Sanitation]

Gor. khoz. Mosk. (16d) — Gorodskoe khoziaistvo Moskvy [Municipal Economy of Moscow]

Grazhd. av. (16b) — Grazhdanskaia aviatsiia [Civil Aviation]

Inform. biul. nov. inostr. knig, postup. v Bibl. im. V.I. Len. Ser. 1 (2a) — Moscow. Publichnaia biblioteka. Informatsionnyi Biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I. Lenina. Seriia 1: Fiziko-matematicheskie, khimicheskie i geologo-geograficheskie nauki; tekhnika i tekhnicheskie nauki [Public Library. Information Bulletin of New Foreign Books Received by the Lenin Library. Series 1: Physical Mathematical, Chemical and Geological, Geographical Sciences; Technology and Technological Sciences]

Inform. biul. nov. inostr. knig, postup. v Bibl. im. V.I. Len. Ser. 2 (2a) — Moscow. Publichnaia biblioteka. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I. Lenina. Seriia 2: Biologicheskie, meditsinskie i sel'skokhoziaistvennye nauki [Public Library. Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 2: Biological, Medical, and Agricultural Sciences]

Inform. biul. nov. inostr. knig, postup. v Bibl. im. V.I. Len. Ser. 3 (2a) — Moscow. Publichnaia biblioteka. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I. Lenina. Seriia 3: Obshchestvennye nauki, khudozhestvennaia literatura, iskusstvo [Public Library. Information Bulletin of New Foreign Books Received by the Lenin Library. Series 3: Social Sciences, Belles-Lettres, Art]

Inform. biul. Sov. antark. eksp. (1a)	Sovetskaia antarkticheskaia ekspeditsiia, 1955-1958, Informatsionnyi biulleten' [Soviet Antarctic Expedition, 1955-1958. Information Bulletin]
Inform. ukaz. bibl. spis i kart (2a)	Informatsionnyi ukazatel' bibliograficheskikh spiskov i kartotek, sostavlennykh bibliotekami Sovetskogo Soiuza [Information Index of Bibliographical Lists and Card Files, Compiled by the Libraries of the Soviet Union]
Inostr. iaz. v shkole (11a)	Inostrannye iazyki v shkole [Foreign Languages in Schools]
Inzh.-fiz. zhur. (16a)	Inzhenerno-fizicheskii zhurnal [Journal of Engineering Physics]
Ist. SSSR (4a)	Istoriia SSSR [History of the U.S.S.R.]
IUn tekh (16a)	IUnyi tekhnik [Young Technician]
Izv. AN Arm. SSR. Biol. nauki (13c)	Akademiia nauk Armianskoi SSR, Erivan. Izvestiia. Biologicheskie nauki [Academy of Sciences of the Armenian S.S.R. Bulletin. Biological Sciences]
Izv. AN Azerb. SSR Ser. biol. i med. nauk (13c)	Akademiia nauk Azerbaidzhanskoi SSR, Baku. Izvestiia. Seriia biologicheskikh i meditsinskikh nauk [Academy of Sciences of the Azerbaijan S.S.R. Bulletin. Series in the Biological and Medical Sciences]
Izv. AN Azerb. SSR Ser. fiz.-mat. i tekh. nauk (1a)	Akademiia nauk Azerbaidzhanskoi SSR, Baku. Izvestiia. Seriia fiziko-matematicheskikh i tekhnicheskikh nauk [Academy of Sciences of the Azerbaijan S.S.R. Bulletin. Series in the Physical, Mathematical, and Technological Sciences]
Izv. AN Kazakh. SSR. Ser. geol. (12c)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. Seriia geologicheskaia [Academy of Sciences of the Kazakh S.S.R. Bulletin. Geological Series]
Izv. AN Kir. SSR. Ser. est. i tekh. nauk (1a)	Akademiia nauk Kirgizskoi SSR, Frunze. Izvestiia. Seriia estestvennykh i tekhnicheskikh nauk [Academy of Sciences of the Kirghiz S.S.R. Bulletin. Series in the Natural and Technological Sciences]
Izv. AN SSSR. Otd. khim. nauk (13d)	Akademiia nauk SSSR. Izvestiia. Otdelenie khimicheskikh nauk [Academy of Sciences of the U.S.S.R. Bulletin. Department of Chemical Sciences]
Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. (16e)	Akademiia nauk SSSR. Izvestiia. Otdelenie tekhnicheskikh nauk. Energetika i avtomatika [Academy of Sciences of the U.S.S.R. Bulletin. Department of Technological Sciences. Power Engineering and Automatic Control]
Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. (16h)	Akademiia nauk SSSR. Izvestiia. Otdelenie tekhnicheskikh nauk. Metallurgiia i toplivo [Academy of Sciences of the U.S.S.R. Bulletin. Department of Technological Sciences. Metallurgy and Fuel]
Izv. AN SSSR. Ser. fiz. (13f)	Akademiia nauk SSSR. Izvestiia. Seriia fizicheskaia [Academy of Sciences of the U.S.S.R. Bulletin. Physical Series]
Izv. AN SSSR. Ser. geofiz. (13f)	Akademiia nauk SSSR. Izvestiia. Seriia geofizicheskaia [Academy of Sciences of the U.S.S.R. Bulletin. Geophysical Series]
Izv. AN SSSR. Ser. geog. (12b)	Akademiia nauk SSSR. Izvestiia. Seriia geograficheskaia [Academy of Sciences of the U.S.S.R. Bulletin. Geographical Series]
Izv. AN SSSR. Ser. geol. (12c)	Akademiia nauk SSSR. Izvestiia. Seriia geologicheskaia [Academy of Sciences of the U.S.S.R. Bulletin. Geological Series]
Izv. AN Turk. SSR Ser. biol. nauk (13c)	Akademiia nauk Turkmenskoi SSR, Ashkhabad. Izvestiia. Seriia biologicheskikh nauk [Academy of Sciences of the Turkmen S.S.R. Bulletin. Series in the Biological Sciences]
Izv. AN Turk. SSR Ser. fiz.-tekh., khim. i geol. nauk (13a)	Akademiia nauk Turkmenskoi SSR, Ashkhabad. Izvestiia. Seriia fiziko-tekhnicheskikh, khimicheskikh i geologicheskikh nauk [Academy of Sciences of the Turkmen S.S.R. Bulletin. Series in the Physical and Technological, Chemical, and Geological Sciences]
Izv. AN Turk. SSR. Ser. obshchestv. nauk	Akademiia nauk Turkmenskoi SSR, Ashkhabad. Izvestiia. Seriia obshchestvennykh nauk [Academy of Sciences of the Turkmen S.S.R. Bulletin. Series in the Social Sciences]
Izv. ASIA (16d)	Akademiia stroitel'stva i arkhitektury SSSR. Izvestiia [Academy of Construction and Architecture of the U.S.S.R. Bulletin]
Izv. NIIPT (16e)	Nauchno-issledovatel'skii institut postoiannogo toka. Izvestiia [Direct Current Scientific Research Institute. Bulletin]
Izv. Upr. sel'khoz. nauki Arm. SSR (15a)	Armenian S.S.R. Upravlenie sel'skokhoziaistvennoi nauki. Izvestiia [Main Administration for Agricultural Science. Bulletin]
Izv. VNIORKH (15b)	Leningrad. Vsesoiuznyi nauchno-issledovatel'skii institut ozernogo i rechnogo rybnogo khoziaistva. Izvestiia [All-Union Scientific Research Institute of Lake and River Fisheries. Bulletin]
Izv. Vses. geog. ob-va (12b)	Geograficheskoe obshchestvo SSSR. Izvestiia [Geographic Society of the U.S.S.R. Bulletin]
Izv. vys. ucheb. zav.; elektromekh. (16e)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; elektromekhanika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Electrical Machinery and Apparatus]
Izv. vys. ucheb. zav.; energ. (16e)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; energetika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Power Engineering]
Izv. vys. ucheb. zav.; fiz. (13f)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; fizika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Physics]
Izv. vys. ucheb. zav.; geol. i razv. (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, geologiia i razvedka [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Geology and Prospecting]
Izv. vys. ucheb. zav.; mashinostr. (16g)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, mashinostroenie [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Machine Building]
Izv. vys. ucheb. zav.; mat. (13c)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; matematika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Mathematics]
Izv. vys. ucheb. zav., pishch. tekh. (16c)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; pishchevaia tekhnologiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Food Technology]
Izv. vys. ucheb. zav., radiofiz. (13f)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, radiofizika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Radio Physics]
Izv. vys. ucheb. zav.; tekh. leg. prom. (16f)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, tekhnologiia legkoi promyshlennosti [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Technology of Light Industry]
Izv. vys. ucheb. zav., tekh. tekst. prom. (16f)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, tekhnologiia tekstil'noi promyshlennosti [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Technology of the Textile Industry]
Kal. znam. i pam. dat (4a)	Kalendar' znamenatel'nykh i pamiatnykh dat [Calendar of Significant and Memorable Dates]
Kal. znam. i pam. dat [Ukr.] (4a)	[Kalendar znamennykh i pam'iatnykh dat [Calendar of Significant and Memorable Dates], In Ukrainian.]
Kart. let. (12b)	Kartograficheskaia letopis' [Cartographic Chronicle]
Khim. i tekh. topl. i masel (16c)	Khimiia i tekhnologiia topliv i masel [Chemistry and Technology of Fuel and Oil]
Khim. prom. (16c)	Khimicheskaia promyshlennost' [Chemical Industries]
Khim. v shkole (13d)	Khimiia v shkole [Chemistry in Schools]
Khleb. i kond. prom. (16f)	Khlebopekarnaia i konditerskaia promyshlennost' [Baking and Confectionery Industry]
Knizh. let. (2a)	Knizhnaia letopis' [Book Chronicle]
Komm. Bel. (6)	Kommunist Belorussii [Communist of White Russia]
Komm. Mold. (6)	Kommunist Moldavii [Communist of Moldavia]
Komm. Ukr. (6)	Kommunist Ukrainy [Communist of the Ukraine]
Komm. Vooruzh. Sil (17a)	Kommunist Vooruzhennykh Sil [Communist of the Armed Forces]
Kommunist (6)	Kommunist [Communist]
Kul't. i zhizn' (1b)	Kul'tura i zhizn' [Culture and Life]
Kryl. rod. (16b)	Kryl'ia rodiny [Wings of the Motherland]
Lab. delo (14e)	Laboratornoe delo [Laboratory Work]
Les. khoz. (15c)	Lesnoe khoziaistvo [Forestry]
Les. prom. (15c)	Lesnaia promyshlennost' [Forest Industries]
Let. gazet. st. (2a)	Letopis' gazetnykh statei [Chronicle of Newspaper Articles]
Let. zhur. st. (2a)	Letopis' zhurnal'nykh statei [Chronicle of Periodical Articles]
Lit. i isk. nar. SSSR i zarub. stran (11b)	Literatura i iskusstvo narodov SSSR i zarubezhnykh stran [Literature and Art of the Peoples of the U.S.S.R. and Foreign Countries]
Lit. po ped. naukam i nar. obr. (8a)	Literatura po pedagogicheskim naukam i narodnomu obrazovaniiu [Literature on the Pedagogical Sciences and Public Education]
Lit. proizv. (16h)	Liteinoe proizvodstvo [Foundry Practice]
Mashinostroitel' (16g)	Mashinostroitel' [Machine Builder]
Masl.-zhir. prom. (16c)	Masloboino-zhirovaia promyshlennost' [Oils and Fats Industry]
Mat. i issl. po arkheol. (4b)	Materialy i issledovaniia po arkheologii SSSR [Materials and Research in the Archaeology of the U.S.S.R.]
Mat. i soob. Issl. otd. Inst. po izuch. SSSR (4a)	Institut zur Erforschung der UdSSR. Materialy i soobshcheniia Issledovatel'skogo otdela [Institute for the Study of the U.S.S.R. Materials and Reports of the Research Department]
Mat. k osn. uch. o merzl. zon. zem. kory (12b)	Materialy k osnovam uchenila o merzlykh zonakh zemnoi kory [Materials Bearing on the Fundamentals of the Theories About the Permafrost Zones of the Earth's Crust]
Mat. po ist. CHASSR (4a)	[Materialy po istorii Chuvashskoi ASSR [Materials on the History of the Chuvash A.S.S.R.]
Mat. po ist. fauny i flory Kazakh. (12c)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut zoologii. Materialy po istorii fauny i flory Kazakhstana [Academy of Sciences of the Kazakh S.S.R. Institute of Zoology. Materials on the History of the Fauna and Flora of Kazakhstan]
Mat. sbor. (13e)	Matematicheskii sbornik [Mathematical Review]

Mat. VSEGEI (12c)	Leningrad. Vsesoluznyi geologicheskii institut. Materialy [All-Union Geological Institute Materials]
Mat. VSEGEI Ob. ser. (12c)	Leningrad. Vsesoluznyi geologicheskii institut. Materialy Obshchaia seriia [All-Union Geological Institute Materials: General Series]
Mat. z arkheol. Pivn. Prychor. (4b)	Materialy z arkheologii Pivnichnoho Prychornomor'ia [Materials on the Archaeology of the Northern Black Sea Region], In Ukrainian.
Matematika (13e)	Matematika; periodicheskii sbornik perevodov inostrannykh statei [Mathematics, Translations of Foreign Articles]
Med. ref. zhur. (14a)	Meditsinskii referativnyi zhurnal [Medical Abstracts]
Med. sestra (14g)	Meditsinskaia sestra [Medical Nurse]
Mekh. i avtom. proizv. (16g)	Mekhanizatsiia i avtomatizatsiia proizvodstva [Mechanization and Automation of Production]
Mekh. sil' hosp. (15a)	Mekhanizatsiia sel'skoho hospodarstva [Mechanication of Agriculture]. In Ukrainian.
Mekh. stroi. (16d)	Mekhanizatsiia stroitel'stva [Mechanization of Construction]
Mest. prom. i khud. promys. (16f)	Mestnaia promyshlennost' i khudozhestvennye promysly [Local Industry and Art Trades]
Meteor. i gidrol. (13f)	Meteorologiia i gidrologiia [Meteorology and Hydrology]
Mezhdunar. zhizn' (6)	Mezhdunarodnaia zhizn' [International Life]
Mias. ind. SSSR (16f)	Miasnaia industriia SSSR [Meat Industry of the U.S.S.R.]
Mikrobiol. zhur. (13c)	Mikrobiologichnyi zhurnal [Journal of Microbiology]. In Ukrainian.
Mikrobiologiia (13c)	Mikrobiologiia [Microbiology]
Mir. ekon. i mezhdunar. otn. (5b)	Mirovaia ekonomika i mezhdunarodnye otnoshenila [World Economics and International Relations]
Mod. metallorezh. stan. (16g)	Modernizatsiia metallorezhushchikh stankov [Modernization of Metal-Cutting Machinery]
Mont. i spets. rab v stroi. (16d)	Montazhnye i spetsializirovannye raboty v stroitel'stve [Assembling and Specialized Operations in Construction]
Muk. -elev. prom. (16f)	Mukomol'no-elevatornaia promyshlennost' [Flour Milling and Grain Storage]
Na stroi. Ros. (16d)	Na stroikakh Rossii [At Russian Construction Projects]. Organ of Gosudarstvennyi komitet Soveta Ministrov RSFSR po delam stroitel'stva [State Committee of the Council of Ministers of the R.S.F.S.R.]
Nach shkola (8a)	Nachal'naia shkola [Primary School]
Nar. asv. (8a)	Narodnaia asveta [Public Education]. Organ of Ministerstvo asvety BSSR [Ministry of Education of the White Russian S.S.R.]. In White Russian.
Nar. obr. (8a)	Narodnoe obrazovanie [Public Education]
Nauch. doki. vys. shkoly; biol. nauki (13c)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Nauchnye doklady vysshei shkoly; biologicheskie nauki [Ministry of Higher and Secondary Specialized Education. Research Papers of Higher Schools; Biological Sciences]
Nauch. zap. LPI. Ser. geod. (13b)	Lvov. Politekhnichnyi instytut. Nauchnye zapiski: Seriia geodezicheskaia [Polytechnic Institute. Studies: Geodesic Series]
Nauch. zap. MFI (5b)	Moscow. Finansovyi Institut. Nauchnye zapiski [Finance Institute. Studies]
Nauk. zap. Od. biol. sta. (13c)	Chernomorka. Odes'ka biologichna stantsiia. Naukovi zapysky [Odessa Biological Station. Studies]. In Ukrainian.
Nauka i zhizn' (13a)	Nauka i zhizn' [Science and Life]
Nauka i zhyttia (13a)	Nauka i zhyttia [Science and Life]. In Ukrainian.
Neft. khoz. (16h)	Neftianoe khoziaistvo [The Petroleum Industry]
Neftianik (16h)	Neftianik [The Petroleum Worker]
Nov. inostr. ekon. lit. (5b)	Novaia inostrannaia ekonomicheskaia literatura [New Foreign Economic Literature]
Nov. inostr. knigi, postup. v sist. Bibl AN SSSR (2a)	Akademiia nauk SSSR. Biblioteka. Novye inostrannye knigi, postupivshie v sistemu biblioteki [Academy of Sciences of the U.S.S.R. Library. New Foreign Books Received by the Library System]
Nov. inostr. lit. po filos. (3a)	Novaia inostrannaia literatura po filosofii [New Foreign Literature on Philosophy]
Nov. inostr. lit. po iaz. (11a)	Novaia inostrannaia literatura po iazykoznaniiu [New Foreign Literature in Linguistics]
Nov. inostr. lit. po ist., arkheol. i etn. (4a)	Novaia inostrannaia literatura po istorii, arkheologii i etnografii [New Foreign Literature on History, Archaeology and Ethnography]
Nov. inostr. lit. po lit. (11b)	Novaia inostrannaia literatura po literaturovedeniiu [New Foreign Literature on the Study of Literature]
Nov. knigi (2a)	Novye knigi [New Books]
Nov. knigi za rub. Ser. B. (16a)	Novye knigi za rubezhom. Seriia B: Tekhnika [New Foreign Books. Series B: Technology]
Nov. knigi za rub. Ser. V (2a)	Novye knigi za rubezhom. Seriia V: Biologiia, meditsina, sel'skoe khoziaistvo [New Foreign Books. Series V: Biology, Medicien, Agriculture]
Nov. knigi za rub. po obshchestv. naukam; ekon., filos., ist., mezhdunar. otn. (2a)	Novye knigi za rubezhom po obshchestvennym naukam; ekonomika, filosofiia, istoriia, mezhdunarodnye otnoshenila [New Foreign Books on the Social Sciences; Economics, Philosophy, History, International Relations]
Nov. lit. o nauke i nauch. -issl. rab. za rub. (2a)	Novaia literatura o nauke i nauchno-issledovatel'skoi rabote za rubezhom [New Literature on Science and Research Abroad]
Nov. lit. po evrop. stran. nar. dem.: Veng. (2a)	Novaia literatura po evropeiskim stranam narodnoi demokratii: Vengriia [New Literature on European People's Democracies: Hungary]
Nov. lit. po evrop. stran. nar. dem. i slav.: Bolg. (2a)	Novaia literatura po evropeiskim stranam narodnoi demokratii i slavianovedeniiu: Bolgariia [New Literature on European People's Democracies and Slavic Studies: Bulgaria]
Nov. lit. po evrop. stran nar dem. i slav.: Chekh. (2a)	Novaia literatura po evropeiskim stranam narodnoi demokratii i slavianovedeniiu: Chekhoslovakiia [New Literature on European People's Democracies and Slavic Studies: Czechoslovakia]
Nov lit. po evrop. stran nar. dem. i slav.: Pol'. (2a)	Novaia literatura po evropeiskim stranam narodnoi demokratii i slavianovedeniiu Pol'sha [New Literature on European People's Democracies and Slavic Studies: Poland]
Nov. lit. po evrop. stran. nar. dem. i slav.: Rum. (2a)	Novaia literatura po evropeiskim stranam narodnoi demokratii i slavianovedeniiu: Rumyniia [New Literature on European People's Democracies and Slavic Studies: Rumania]
Nov. lit. po IUg. (2a)	Novaia literatura po IUgoslavii [New Literature on Yugoslavia]
Nov. sov. ekon. lit. (5b)	Novaia sovetskaia ekonomicheskaia literatura [New Soviet Economic Literature]
Nov. sov. i inostr. lit. po stran. zarub. Vost. (2a)	Novaia sovetskaia i inostrannaia literatura po stranam zarubezhnogo Vostoka [New Soviet and Foreign Literature on the Countries of the Non-Soviet East]
Nov. sov. lit o nauke i nauch. -issl. rab v SSSR (2a)	Novaia sovetskaia literatura o nauke i nauchno-issledovatel'skoi rabote v SSSR [New Soviet Literature on Science and General Research in the U.S.S.R.]
Nov. sov. lit po filos. (3a)	Novaia sovetskaia literatura po filosofii [New Soviet Literature on Philosophy]
Nov. sov. lit po iaz. (11a)	Novaia sovetskaia literatura po iazykoznaniiu [New Soviet Literature in Linguistics]
Nov. sov. lit. po lit. (11b)	Novaia sovetskaia literatura po literaturovedeniiu [New Soviet Literature on the Study of Literature]
Nov. v ling. (11a)	Novoe v lingvistike [What Is New In Linguistics]
Nov. vrem. (6)	Novoe vremia [New Times]
Novi knyhy URSR (2a)	Novi knyhy URSR [New Books of the Ukrainian S.S.R.]. In Ukrainian.
Obshchestv. nauki v Uz. (1a)	Obshchestvennye nauki v uzbekistane [Social Sciences in Uzbekistan]
Oft. zhur. (14d)	Oftal'mologicheskii zhurnal [Ophthalmological Journal]
Ogneupory (16h)	Ogneupory [Refractories]
Ogonek (1b)	Ogonek [The Little Light]
Okhr. truda i sots. strakh. (5d)	Okhrana truda i sotsial'noe strakhovanie [Protection of Labor and Social Insurance]
Ornitologiia (13c)	Ornitologiia [Ornithology]
Osn., fund. i mekh. grun. (16d)	Osnovaniia, fundamenty i mekhanika gruntov [Foundations and Soil Mechanics]
Otv. na vop. trud. (1b)	Otvety na voprosy trudiashchikhsia [Replies to Workers' Questions]
PMTF (16a)	PMTF; zhurnal prikladnoi mekhaniki i tekhnicheskoi fiziki [PMTF; Journal of Applied Mechanics and Technical Physics].
Part. zhizn' (6)	Partiinaia zhizn' [Party Life]
Part. zhizn' Kazakh. (6)	Partiinaia zhizn' Kazakhstana [Party Life of Kazakhstan]
Plan. khoz. (5b)	Planovoe khoziaistvo [Planned Economy]
Plast. massy (16c)	Plasticheskie massy [Plastics]
Prep. ist. v shkole (4a)	Prepodavanie istorii v shkole [Teaching History in Schools]
Prikl. mat. i mekh. (13e)	Prikladnaia matematika i mekhanika [Applied Mathematics and Mechanics]
Priroda (13a)	Priroda [Nature]
Prisp. dlia tekh. obsluzh. i rem. avt. (16g)	Prisposobleniia dlia tekhnicheskogo obsluzhivaniia i remonta avtomobilei [Accessories for Technical Servicing and Repair of Automobiles]
Probl. pered. inform. (16e)	Problemy peredachi informatsii [Problems of the Transmission of Information]
Prof.-tekh. obr. (16a)	Professional'no-tekhnicheskoe obrazovanie [Vocational Technical Education]
Prom. Arm. (16a)	Promyshlennost' Armenii [Industry of Armenia]
Prom. energ. (16e)	Promyshlennaia energetika [Industrial Power]
Prom. stroi. (16d)	Promyshlennoe stroitel'stvo [Industrial Construction]
Put' i put. khoz. (16d)	Put' i putevoe khoziaistvo [Railroad Tracks and Roadway Maintenance]
Rad. shk. (8a)	Radians'ka shkola [Soviet School]. In Ukrainian.

Radio (16e)	Radio [Radio]
Radiobiologiia (13c)	Radiobiologiia [Radiobiology]
Radiokhimiia (13d)	Radiokhimiia [Radiochemistry]
Radiotekh.i elektron (16e)	Radiotekhnika i elektronika [Radio Engineering and Electronics]
Radiotekhnika (16e)	Radiotekhnika [Radio Engineering]
Ref.sbor.: Ekon. prom. (5b)	Referativnyi sbornik: Ekonomika promyshlennosti [Journal of Abstracts: Economics of Industry]
Ref.zhur.: Astron. i geod. (13b)	Referativnyi zhurnal: Astronomiia i geodeziia [Journal of Abstracts: Astronomy and Geodesy]
Ref.zhur.: Avtom. i radioelektr. (16e)	Referativnyi zhurnal Avtomatika i radioelektronika [Journal of Abstracts: Automatic Control and Radio Engineering]
Ref.zhur.: Biol. (13c)	Referativnyi zhurnal: Biologiia [Journal of Abstracts: Biology]
Ref.zhur.: Elektrotekh.i energ. (16e)	Referativnyi zhurnal. Elektrotekhnika i energetika [Journal of Abstracts: Electrical Engineering and Electric Power]
Ref.zhur.: Fiz. (13f)	Referativnyi zhurnal: Fizika [Journal of Abstracts: Physics]
Ref.zhur.: Geofiz. (13f)	Referativnyi zhurnal: Geofizika [Journal of Abstracts: Geophysics]
Ref.zhur.: Geog. (12b)	Referativnyi zhurnal: Geografiia [Journal of Abstracts: Geography]
Ref zhur.: Geol (12c)	Referativnyi zhurnal: Geologiia [Journal of Abstracts: Geology]
Ref.zhur.: Khim. (13d)	Referativnyi zhurnal Khimiia [Journal of Abstracts: Chemistry]
Ref.zhur.: Khim.; Biol.khim. (13c)	Referativnyi zhurnal: Khimiia; Biologicheskaia khimiia [Journal of Abstracts: Chemistry; Biological Chemistry]
Ref.zhur.: Mashinostr. (16g)	Referativnyi zhurnal: Mashinostroenie [Journal of Abstracts: Machinery Manufacture]
Ref.zhur.: Mat. (13c)	Referativnyi zhurnal: Matematika [Journal of Abstracts, Mathematics]
Ref.zhur.:Mekh. (13f)	Referativnyi zhurnal: Mekhanika [Journal of Abstracts: Mechanics]
Ref.zhur.: Strol.i arkhit. (16d)	Referativnyi zhurnal: Stroitel'stvo i arkhitektura [Journal of Abstracts: Construction and Architecture]
Ref.zhur Transp. (16d)	Referativnyi zhurnal: Transport [Journal of Abstracts: Transportation]
Rus.iaz.v shkole (11a)	Russkii iazyk v shkole [Russian Language in Schools]
Ryb.khoz. (15b)	Rybnoe khoziaistvo [Fisheries]
Sakh.prom. (16c)	Sakharnaia promyshlennost' [Sugar Industry]
Sbor.nauch.rab. asp AKKH (16d)	Akademiia kommunal'nogo khoziaistva. Sbornik nauchnykh rabot aspirantov [Academy of Communal Economy. Collected Papers of Graduate Students]
Sbor.nauch.rab. Inst.bud.i arkhit. AN BSSR (10b)	Akademiia nauk BSSR, Minsk. Institut budaunitstva i arkhitektury. Sbornik nauchnykh rabot [Academy of Sciences of the White Russian S.S.R. Institute of Construction and Architecture. Collected Papers]
Sbor.nauch.trud. Kuib.indus.inst. (16a)	Kuybyshev. Industrial'nyi institut. Sbornik nauchnykh trudov [Industrial Institute. Collected Papers]
Sbor.rab.Ryb. gidromet.obser. (13f)	Rybinsk. Gidrometeorologicheskaia observatoriia. Sbornik rabot [Hydrometeorological Observatory Collected Papers]
Sbor.rats.predl. vnedr.v proizv. (16h)	Sbornik ratsionalizatorskikh predlozhenii, vnedrennykh v proizvodstvo [Collection of Innovations Introduced in Production]
Sbor.st.Irk. VPSH (6)	Irkutsk. Vysshaia partiinaia shkola. Sbornik statei [Higher Party School, Collected Papers].
Sbor.st.po paleont. i biostrat. (12c)	Leningrad. Nauchno-issledovatel'skii institut geologii Arktiki. Sbornik statei po paleontologii i biostratigrafii [Scientific Research Institute of Arctic Geology. Collected Papers on Paleontology and Biostratigraphy]
Sbor.stud.nauch. rab.Nauch.stud. ob-va IAr.gos.ped. inst. (1a)	Yaroslavl. Gosudarstvennyi pedagogicheskii institut. Nauchnoe studencheskoe obshchestvo. Sbornik studencheskikh nauchnykh rabot [State Pedagogical Institute. Student Scholarly Society. Collected Student Papers]
Sbor.trud.IUzhNIIGIM (15a)	Novocherkassk. IUzhnyi Nauchno-issledovatel'skii institut gidrotekhniki i melioratsii. Sbornik trudov [Southern Scientific Research Institute of Hydraulic Engineering and Reclamation. Collected Papers]
Sbor.trud.MISI (16d)	Moscow. Inzhenerno-stroitel'nyi institut. Sbornik trudov [Civil Engineering Institute. Collected Papers]
Sel'.khoz. (15a)	Sel'skoe khoziaistvo; sistematicheskii ukazatel' statei v inostrannykh zhurnalakh [Agriculture; Systematical Index of Articles in Foreign Periodicals]
Sel'.mekh. (15a)	Sel'skii mekhanizator [The Rural Mechanic]
Sel'.strol. (16d)	Sel'skoe stroitel'stvo [Rural Construction]
Sem'ia i shkola (8a)	Sem'ia i shkola [Family and School]
Shkola i proizv. (8a)	Shkola i proizvodstvo [School and Production]
Shkola-int. (8a)	Shkola-internat [Boarding School]
Sib.mat.zhur. (13e)	Sibirskii matematicheskii zhurnal [Siberian Mathematical Journal]
Sil'.bud. (16d)	Sil's'ke budivnytstvo [Rural Construction]. In Ukrainian.
Smena (5e)	Smena [The Younger Generation]
Sots.obesp. (5e)	Sotsial'noe obespechenie [Social Security]
Sov.arkhit. (10b)	Sovetskaia arkhitektura [Soviet Architecture]
Sov.deput.trud. (8)	Sovety deputatov trudiashchikhsia [Soviets of Workers' Deputies]
Sov.foto (16c)	Sovetskoe foto [The Soviet Photo]
Sov.gos.i pravo (7)	Sovetskoe gosudarstvo i pravo [The Soviet State and Law]
Sov.iust. (7)	Sovetskaia iustitsiia [Soviet Justice]
Sov.krim na sluzh. sled. (7)	Sovetskaia kriminalistika na sluzhbe sledstviia [Soviet Criminology in the Service of Investigation]
Sov.knizh.torg (2c)	Sovetskaia knizhnaia torgovlia [Soviet Book Trade]
Sov.muz. (9b)	Sovetskaia muzyka [Soviet Music]
Sov.pedag. (8a)	Sovetskaia pedagogika [Soviet Pedagogy]
Sov.potreb.koop. (5b)	Sovetskaia potrebitel'skaia kooperatsiia [Soviet Consumer Cooperation]
Sov.profsoiuzy (5d)	Sovetskie profsoiuzy [Soviet Trade Unions]
Sov.skakht. (16h)	Sovetskii shakhtior [Soviet Miner]
Sov.torg. (5a)	Sovetskaia torgovlia [Soviet Commerce]
Sov.voin (17a)	Sovetskii voin [Soviet Soldier]
Sov.zdrav. (14a)	Sovetskoe zdravookhranenie [Soviet Health Service]
Sovr.Mong. (1b)	Sovremennaia Mongoliia [Contemporary Mongolia]
Sred.spets. obr. (8a)	Srednee spetsial'noe obrazovanie [Secondary Specialized Education]
Standartizatsiia (16a)	Standartizatsiia [Standardization]
Starsh. — serzh. (17a)	Starshina—Serzhant [Noncommissioned Officers]
Stek.i ker. (16c)	Steklo i keramika [Glass and Ceramics]
Strol.i arkhit. (10b)	Stroitel'stvo i arkhitektura [Construction and Architecture]
Strol.i arkhit.Len. (10b)	Stroitel'stvo i arkhitektura Leningrada [Construction and Architecture in Leningrad]
Strol.i arkhit. Mosk. (10b)	Stroitel'stvo i arkhitektura Moskvy [Construction and Architecture in Moscow]
Strol.i dor.mashinostr. (16g)	Stroitel'noe i dorozhnoe mashinostroenie [Road and Construction Machinery Building]
Strol.mat. (16d)	Stroitel'nye materialy [Building Materials]
Strol truboprov. (16h)	Stroitel'stvo truboprovodov [Pipeline Construction]
Stroitel' (16d)	Stroitel' [The Builder]
Svetotekhnika (16e)	Svetotekhnika [Illuminating Engineering]
Teatr (9c)	Teatr [The Theater]
Tekh.kino i telev. (9a)	Tekhnika kino i televideniia [Motion-Picture and Television Engineering]
Tekh.v sel'khoz. (15a)	Tekhnika v sel'skom khoziaistve [Machinery in Agriculture]
Tekst.prom. (16f)	Tekstil'naia promyshlennost' [Textile Industry]
Torg.za rub. (5a)	Torgovlia za rubezhom [Trade Abroad]
Trakt.i sel'khozmash. (16g)	Traktory i sel'khozmashiny [Tractors and Agricultural Machinery]
Transp.strol. (16d)	Transportnoe stroitel'stvo [Construction for the Transportation Industry]
Trudy Bot.inst. Ser.5 (13c)	Akademiia nauk SSSR. Botanicheskii institut. Trudy. Seriia 5. Rastitel'noe syr'e [Academy of Sciences of the U.S.S.R Botanical Institute. Transactions. Series 5. [Plant Resources]
Trudy Bot.sada Zap.-Sib.fil. AN SSSR (13c)	Akademiia nauk SSSR. Zapadno-Sibirskii filial, Novosibirsk. Botanicheskii sad. Trudy [Academy of Sciences of the U.S.S.R. West Siberian Branch. Botanical Garden. Transactions]
Trudy Dal'nevost. NIGMI (13f)	Dal'nevostochnyi nauchno-issledovatel'skii gidrometeorologicheskii institut. Trudy [Far Eastern Hydrometeorological Scientific Research Institute. Transactions]
Trudy Fiz.inst. (13f)	Akademiia nauk SSSR. Fizicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Institute of Physics. Transactions]
Trudy GIN (12c)	Akademiia nauk SSSR. Geologicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Geological Institute. Transactions]
Trudy GOIN (12b)	Moscow. Gosudarstvennyi okeanograficheskii institut Trudy [State Oceanographic Institute. Transactions]
Trudy Geol.muz. AN SSSR (12c)	Akademiia nauk SSSR. Geologicheskii muzei. Trudy [Academy of Sciences of the U.S.S.R. Geological Museum. Transactions]
Trudy Gor.-geol. inst.UFAN SSSR (12c)	Akademiia nauk SSSR. Ural'skii filial, Sverdlovsk. Gorno-geologicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Ural Branch. Mining-Geological Institute. Transactions]

Trudy IGEM (12c)	Akademiia nauk SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. Trudy [Academy of Sciences of the U.S.S.R. Institute of the Geology of Ore Deposits, Petrology, Mineralogy, and Geochemistry Transactions]
Trudy IGEM, Metod. khim. anal. min. (12c)	Akademiia nauk SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. Trudy. Metody khimicheskogo analiza mineralov. [Academy of Sciences of the U.S.S.R. Institute of the Geology of Ore Deposits, Petrology, Mineralogy, and Geochemistry. Transactions. Methods for the Chemical Analysis of Minerals]
Trudy Inst. biol. UFAN SSSR (13c)	Akademiia nauk SSSR, Ural'skii filial, Sverdlovsk. Institut biologii. Trudy [Academy of Sciences of the U.S.S.R. Ural Branch. Institute of Biology. Transactions]
Trudy Inst geol nauk AN URSR. Ser petr., min. i geokhim. (12c)	Akademiia nauk URSR, Kiev. Instytut geologichnykh nauk. Trudy. Seriia petrografii, mineralogii i geokhimii [Academy of Sciences of the Ukrainian S.S.R Institute of Geological Sciences. Transactions Petrographical, Mineralogical, and Geochemical Series]
Trudy Inst. Kom. stand., mer i izm. prib. (16a)	Russia (1923- U.S.S.R.) Komitet standartov mer i izmeritel'nykh priborov. Trudy Institutov Komiteta [Committee of Standards, Measures, and Measuring Instruments. Transactions of the Institutes of the Committee]
Trudy Inst mikrobiol (13c)	Akademiia nauk SSSR Institut mikrobiologii Trudy [Academy of Sciences of the U S S R Institute of Microbiology Transactions]
Trudy Inst. zool. AN Kazakh SSR (13c)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut zoologii. Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of Zoology. Transactions]
Trudy Irk. un. (1a)	Irkutsk. Universitet Trudy [University. Transactions]
Trudy Kar. fil. AN SSSR (1a)	Akademiia nauk SSSR Karel'skii filial, Petrozavodsk Trudy [Academy of Sciences of the U.S.S.R Karelian Branch. Transactions]
Trudy KhPI. Ser. met. (16h)	Kharkov. Politekhnicheskii institut. Trudy. Seriia metallurgicheskaia [Polytechnic Institute. Transactions. Metallurgical Series]
Trudy LKI (17b)	Leningrad. Korablestroitel'nyi institut, Trudy [Shipbuilding Institute, Transactions]
Trudy Lab. lesoved. (15c)	Akademiia nauk SSSR. Laboratoriia lesovedeniia. Trudy [Academy of Sciences of the U.S.S.R. Laboratory of Forestry. Transactions]
Trudy MAI (16b)	Moscow. Aviatsionnyi institut. Trudy [Aeronautical Institute. Transactions]
Trudy MGI (12b)	Akademiia nauk SSSR. Morskoi gidrofizicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Marine Hydrophysical Institute. Transactions]
Trudy MIIGAIK (13b)	Moscow. Institut inzhenerov geodezii, aerofotos"emki i kartografii Trudy [Institute for Engineers in Geodesy, Aerial Photography, and Cartography Transactions]
Trudy MIIGS (16d)	Moscow. Institut inzhenerov gorodskogo stroitel'stva Trudy [Institute of Urban Construction Engineers. Transactions]
Trudy MIKHM (16c)	Moscow. Institut khimicheskogo mashinostroeniia. Trudy [Institute of Chemical Machinery Manufacture. Transactions]
Trudy NIIGA (12c)	Leningrad. Nauchno-issledovatel'skii institut geologii Arktiki. Trudy [Scientific Research Institute of Arctic Geology. Transactions]
Trudy NIIGMP (13f)	Leningrad. Nauchno-issledovatel'skii institut gidrometeorologicheskogo priborostroeniia. Trudy [Scientific Research Institute of Hydrometeorological Instrument Making. Transactions]
...dy Nauch...	...Vsesoiuznyi institut po proektirovaniiu organizatsii ...ticheskogo stroitel'stva "Orgenergostroi." ...skii filial. Nauchno-issledovatel'skii sektor. ... for Planning the Organization ... Branch Scientific ...]
	...icheskaia komissiia, the U.S.S.R. Oceano... tions]
	...icheskii institut. Trudy S.S.R. Institute of Pale...
	... institut geologii, geo... rudy [Siberian Sci... logy, Geophysics, ...actions]
	SSR, Baku. Sektor ciences of the Azerbaijan Transactions]
	...tsinskii institut. Trudy ...actions]
	...y [Botanical Garden.
	...versity. Transactions]
	...ledovatel'skii institut Trudy [All-Union Railroad Transporta...
Tyl i snabzh. Sov. Voor. sil (17a)	Tyl i snabzhenie Sovetskikh Vooruzhennykh Sil [The Rear and Supply of Soviet Armed Forces]
Trudy TSNIIGAIK (13b)	Moscow. TSentral'nyi nauchno-issledovatel'skii institut geodezii, aerosʺemki i kartografii. Trudy [Central Scientific Research Institute of Geodesy, Aerial Photography, and Cartography. Transactions]
Trudy TSNIIS (16d)	Babushkin. Vsesoiuznyi nauchno-issledovatel'skii institut transportnogo stroitel'stva. Trudy [All-Union Scientific Research Institute of Transportation Construction. Transactions]
Trudy TSNIISP (16c)	Moscow. TSentral'nyi nauchno-issledovatel'skii institut spirtovoi i likero-vodochnoi promyshlennosti. Trudy [Central Scientific Research Institute of the Distilling and Liquor-Vodka Industry. Transactions]
Trudy Ural. politekh. inst. (16a)	Sverdlovsk. Ural'skii politekhnicheskii institut Trudy [Ural Polytechnic Institute. Transactions]
Trudy VAGT (12c)	Vsesoiuznyi aerogeologicheskii trest Trudy [All-Union Aerogeological Trust Transactions]
Trudy VIM (15a)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut mekhanizatsii sel'skogo khoziaistva. Trudy [All-Union Scientific Research Institute for the Mechanization of Agriculture, Transactions]
Trudy VNIGNI (16h)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii geologorazvedochnyi neftianoi institut. Trudy [All-Union Scientific Research Institute of Petroleum Geology and Prospecting. Transactions]
Trudy VNIGRI (12c)	Leningrad Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy [All-Union Petroleum Geological Prospecting Institute. Transactions]
Trudy VNII (16h)	Vsesoiuznyi neftegazovyi nauchno-issledovatel'skii institut. Trudy [All-Union Scientific Research Institute of Petroleum and Natural Gas. Transactions]
Trudy VNIIG (13d)	Leningrad. Vsesoiuznyi nauchno-issledovatel'skii institut galurgii. Trudy [All-Union Scientific Research Institute of Halurgy. Transactions]
Trudy VNIINeftekhim (16c)	Vsesoiuznyi nauchno-issledovatel'skii institut neftekhimicheskikh protsessov. Trudy [All-Union Scientific Research Institute for Petroleum Chemistry, Transactions]
Trudy VNIIVIV "Magarach" (16c)	Yalta. Vsesoiuznyi nauchno-issledovatel'skii institut vinodeliia i vinogradarstva "Magarach." Trudy [All-Union Scientific Research Institute of Viticulture and Wine Making "Magarach." Transactions]
Trudy VSEGEI (12c)	Leningrad. Vsesoiuznyi geologicheskii institut. Trudy [All Union Geological Institute. Transactions]
Trudy Vost.-Sib. fil. AN SSSR (1a)	Akademiia nauk SSSR Vostochno-Sibirskii filial, Irkutsk Trudy [Academy of Sciences of the U.S.S.R East Siberian Branch. Transactions]
TSement (16d)	TSement [Cement]
Uch. zap. MGPI (1a)	Moscow Moskovskii gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [Moscow State Pedagogical Institute. Studies]
Uch. zap. Inst. nar. Azii (1a)	Akademiia nauk SSSR. Institut narodov Azii. Uchenye zapiski [Academy of Sciences of the U.S.S.R. Institute of the Peoples of Asia. Studies]
Uch. zap. Ped. inst. Gerts. (1a)	Leningrad. Gosudarstvennyi pedagogicheskii institut im. A. I. Gertsena. Uchenye zapiski [State Pedagogical Institute. Studies]
Uch. zap. Tadzh. un. (1a)	Stalinabad. Universitet. Uchenye zapiski [University. Studies]
Ugol' (16h)	Ugol' [Coal]
Ugol' Ukr. (16h)	Ugol' Ukrainy [Coal of the Ukraine]
Ukr. khim. zhur. (13d)	Ukrainskii khimicheskii zhurnal [Ukrainian Chemical Journal]
Ukr. mova v shkoli (11a)	Ukraina'ka mova v shkoli [Ukrainian Language in Schools] In Ukrainian.
Ukraina (1b)	Ukraina [The Ukraine]. In Ukrainian.
Usp. fiz. nauk (13f)	Uspekhi fizicheskikh nauk [Progress in the Physical Sciences]
Uzbekistan (1b)	Uzbekistan [Uzbekistan]. Parallel texts in Uzbek and Russian.
V pom. chit. (2a)	V pomoshch' chitatelu; annotirovannye spiski literatury [Reader's Aids; an Annotated Bibliography]
V zashch. mira (6)	V zashchitu mira [In Defense of Peace]
Ved. Verkh. Sov. RSFSR (6)	Russia (1917- R.S.F.S.R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]
Ved. Verkh. Sov. SSSR (6)	Russia (1923- U.S.S.R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]
Vest. AMN SSSR (14a)	Akademiia meditsinskikh nauk SSSR, Moscow. Vestnik [Academy of Medical Sciences of the U.S.S.R. Journal]
Vest. drev. ist. (4a)	Akademiia nauk SSSR. Institut istorii. Vestnik drevnei istorii [Academy of Sciences of the U.S.S.R. Institute of History. Review of Ancient History]
Vest. ist. mir. kul't. (4a)	Vestnik istorii mirovoi kul'tury [Review of the History of World Culture]
Vest. LGU (1a)	Leningrad. Universitet. Vestnik [University. Review]
Vest. Mosk. un. Ser. 1: Mat., mekh. (13e)	Moscow. Universitet. Vestnik. Seriia 1: Matematika, mekhanika [University. Review. Series I: Mathematics, Mechanics]

Vest. Mosk. un. Ser. 3: Fiz., astron. (13f)	Moscow. Universitet. Vestnik. Serila 3: Fizika, astronomiia [University. Review. Series 3: Physics, Astronomy]
Vest. Mosk. un. Ser. 6: Biol., pochv. (13c)	Moscow. Universitet. Vestnik. Serila 6: Biologila, pochvovedenie [University. Review. Series 6: Biology, Soil Science]
Vest. Mosk. un. Ser 8: Ekon., filos (5b)	Moscow. Universitet Vestnik Serila 8 Ekonomika, filosofiia [University. Review. Series 8: Economics, Philosophy]
Vest. Mosk. un. Ser. 9: Ist. (4a)	Moscow. Universitet. Vestnik. Serila 9: Istoriia [University. Review. Series 9 History]
Vest. protivovozd. obor. (17a)	Vestnik protivovozdushnoi oborony [Air Defense Review]
Vest. rent. i rad (14a)	Vestnik rentgenologii i radiologii [Review of Roentgenology and Radiology]
Vest. sel'khoz. nauki (15a)	Vestnik sel'skokhoziaistvennoi nauki [Review of Agricultural Science]
Vest. stat. (5b)	Vestnik statistiki [Statistical Review]
Vest. TSNII MPS (16g)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Vestnik [All-Union Scientific Research Institute of Railroad Transportation. Journal]
Vest. Vozd. Fl. (17a)	Vestnik Vozdushnogo Flota [Review of the Air Force]
Vestsi AN BSSR. Ser. bilal. nav. (13c)	Akademiia navuk BSSR, Minsk. Vestsi. Seryia biialagichnykh navuk [Academy of Sciences of the White Russian S.S.R. Bulletin. Series in the Biological Sciences]. In White Russian.
Vestsi AN BSSR. Ser. hram. nav. (1a)	Akademiia navuk BSSR, Minsk. Seryia hramadskikh navuk [Academy of Sciences of the White Russian S.S.R. Bulletin. Series in the Social Sciences]. In White Russian.
Visnyk sil'hosp. nauky (15a)	Visnyk sil's'kohospodars'koi nauky [Review of Agricultural Science]. In Ukrainian.
Vnesh. torg (5a)	Vneshniaia torgovlia [Foreign Trade]
Vod. i san. tekh. (16d)	Vodosnabzhenie i sanitarnaia tekhnika [Water Supply and Sanitary Engineering]
Voen.-ist. zhur. (4a)	Voenno-istoricheskii zhurnal [Military History Journal]
Voen.-med. zhur. (14a)	Voenno-meditsinskii zhurnal [Journal of Military Medicine]
Voen. vest. (17a)	Voennyi vestnik [Military Review]
Voen. znan. (17a)	Voennye znaniia [Military Knowledge]
Volov. ateist (3b)	Volovnychyi ateist [Militant Atheist]
Vop. ekon. (5b)	Voprosy ekonomiki [Problems of Economics]
Vop. filos. (3a)	Voprosy filosofii [Problems of Philosophy]
Vop. geog. (12b)	Voprosy geografii [Problems of Geography]
Vop. geol. vost. okr. Rus platf. i IUzh. Urala (12c)	Voprosy geologii vostochnoi okrainy Russkoi platformy i IUzhnogo Urala [Problems of the Geology of the Southern Urals and the Eastern Border of the Russian Platform]
Vop. ist. (4a)	Voprosy istorii [Problems of History]
Vop. kur., fizioter. i lech. fiz. kul't. (14c)	Voprosy kurortologii, fizioterapii i lechebnoi fizicheskoi kul'tury [Problems of Resort Therapy, Physical Therapy, and Therapeutic Physical Culture]
Vop. onk. (14a)	Voprosy onkologii [Problems of Oncology]
Vop. pit. (13c)	Voprosy pitaniia [Problems of Nutrition]
Vop. raket. tekh. (18b)	Voprosy raketnoi tekhniki; sbornik perevodov i obzorov inostrannoi periodicheskoi literatury [Problems of Rocket Engineering; Translations and Surveys of Foreign Periodical Literature]
Vop. virus. (13c)	Voprosy virusologii [Problems of Virology]
Vsem. prof. dvizh. (5d)	Vsemirnoe profsoiuznoe dvizhenie [World Trade-Union Movement]
Za rul' (16g)	Za rulem [At the Wheel]
Zam. po sist i geog rast. (13c)	Akademiia nauk Gruzinskoi SSR, Tiflis. Botanicheskii institut. Zametki po sistematike i geografii rastenii [Academy of Sciences of the Georgian S.S.R. Botanical Institute. Notes on the Classification and Geography of Plants]
Zap Vost.-Sib. otd Vses. min. ob-va (12c)	Vsesoiuznoe mineralogicheskoe obshchestvo. Vostochno-Sibirskoe otdelenie. Zapiski [All-Union Mineralogical Society. East Siberian Branch Records]
Zap. Vses. geog ob-va (12b)	Geograficheskoe obshchestvo SSSR Zapiski [Geographic Society of the U.S.S.R. Records]
Zarub. radioelek. (16e)	Zarubezhnaia radioelektronika [Radio Engineering Abroad]
Zav lab. (16h)	Zavodskaia laboratoriia [The Factory Laboratory]
Zbir. nauk. prats' vykl. i asp. Kaf. ist. KPRS Kyiv. un. (6)	Kiev. Universytet. Kafedra istorii KPRS. Zbirnyk naukovykh prats' vykladachiv i aspirantiv [University. Department of the History of the Communist Party of the Soviet Union. Collected Papers of Teachers and Graduate Students]. In Ukrainian.
Zbir. st. vykl. ist KPRS vuz. Ukr. RSR (6)	Ukraine. Ministerstvo vyshchoi osvity. Vidділ vykladannia suspil'nykh nauk. Zbirnyk statei vykladachiv istorii KPRS vuziv Ukrains'koi RSR [Ministry of Higher Education. Department of Instruction in the Social Sciences. Collected Papers of Teachers of the History of the CPSU in Institutions of Higher Education of the Ukrainian S.S.R.]
Zdorov'e (14a)	Zdorov'e [Health]
Zdrav. Ros. Feder. (14a)	Zdravookhranenie Rossiiskoi Federatsii [Health Service of the Russian Federation]
Zhel.-dor. transp. (16g)	Zheleznodorozhnyi transport [Railroad Transportation]
Zhil.-kom. khoz. (16d)	Zhilishchno-kommunal'noe khoziaistvo [Communal Housing and Services]
Zhil. stroi. (16d)	Zhilishchnoe stroitel'stvo [Housing Construction]
Zhur anal. khim (13d)	Zhurnal analiticheskoi khimii [Journal of Analytical Chemistry]
Zhur eksp. i teor. fiz. (13f)	Zhurnal eksperimental'noi i teoreticheskoi fiziki [Journal of Experimental and Theoretical Physics]
Zhur. fiz. khim. (13d)	Zhurnal fizicheskoi khimii [Journal of Physical Chemistry]
Zhur. Mosk. Patr. (3b)	Orthodox Eastern Church, Russian. Patriarch. Zhurnal Moskovskoi Patriarkhii [Journal of the Moscow Patriarchate]
Zhur. neorg. khim. (13d)	Zhurnal neorganicheskoi khimii [Journal of Inorganic Chemistry]
Zhur. nevr. i psikh. (14c)	Zhurnal nevropatologii i psikhiatrii [Journal of Neuropathology and Psychiatry]
Zhur. ob. khim. (13d)	Zhurnal obshchei khimii [Journal of General Chemistry]
Zhur. prikl. khim. (16c)	Zhurnal prikladnoi khimii [Journal of Applied Chemistry]
Zhur. tekh. fiz. (16a)	Zhurnal tekhnicheskoi fiziki [Journal of Technical Physics]
Zhur. VKHO (13d)	Vsesoiuznoe khimicheskoe obshchestvo imeni D.I. Mendeleeva. Zhurnal [D.I. Mendeleev All-Union Chemical Society. Journal]
Zhur. vys. nerv. deiat. (14c)	Zhurnal vysshei nervnoi deiatel'nosti [Journal of the Higher Nervous Function]
Znamia (11b)	Znamia [The Banner]
Zool. zhur. (13c)	Zoologicheskii zhurnal [Zoological Journal]

ACTH
Use of adrenocorticotropic hormone, cortisone, and prednisone in the treatment of burns V E Beliaev, I. M Klinchkin. Voen. -med zhur no. 8:38-43 Ag '60

ABACUS
Tables for abacus calculations in the grades 3-4. I. A. Alekseandrova. Nach. shkola 20 no. 8 35-37 Ag '61.

ABBUD, MARUN
Marun Abbud. D IUsupov. Az. i Afr. seg no. 7 48 Jl '61

ABIETIC ACID
Monoxide and dioxide of abietic acid. B. A Arbuzov, A. G. Khismatullina Izv AN SSSR Otd khim. nauk no. 7 1280-1287 Jl '61.

ABKHAZIA—ETHNOLOGY
Dzhanashia, N. S. [The ethnography of Abkhazia] Stat'i po etnografii Abkhazii; Sukhumi, Abgosizdat, 1960. 128 p.
(MH)

ABKHAZIA—RELIGION
Dzhanashia, N. S. [The ethnography of Abkhazia] Stat'i po etnografii Abkhazii; Sukhumi, Abgosizdat, 1960. 128 p.
(MH)

ABKHAZIA—RHODODENDRON
Materials on the cultivation of rhododendron in Abkhazia. K. G. Pachulia. Trudy Sukh. bot. sada no. 12:337-357 '59.

ABNORMALITIES (PLANTS)
A case of the occurrence of many-flowered Greig's tulips under natural conditions. M. N. Korelov. Biul. MOIP. Otd. biol. 66 no. 4:117-118 Jl-Ag '61.

ABORTION
Organization of work for the reduction of abortions. O E. Cheinetskii Sov. zdrav. 20 no. 6 20-22 '61

ABOVIAN IN LITERATURE AND ART
"Khachatur Abovian." N. Shumskaia. Sov. muz. 25 no. 7 74-75 Jl '61.

ABRASIVES
Strength of grains of abrasive powders. P IA. Bokin. Stek i ker 18 no. 7:9-12 Jl '61.

ABSORPTION
Film absorption in a high speed gas flow. B. I. Konobeev, V. A. Maliusov, N M. Zhavoronkov. Khim. prom no 7:475-481 Jl '61.

ABSORPTION (PHYSIOLOGY)
Changes in the absorbing function of cells of the reticuloendothelial system in animals following intravenous administration of thrombin and thromboplastin V. E Pastorova. Nauch. dokl. vys shkoly, biol nauki no. 3, 98-101 '61

ABSORPTION OF SOUND
Quantum theory of sound absorption by metals in a magnetic field [with summary in English]. V. G. Skobov. Zhur. eksp. i teor. fiz. 40 no. 5:1446-1451 My '61.
Sound absorbers with perforated facings. K. A. Velizhanina. Akust. zhur. 7 no. 2:165-173 '61.
Ultrasonic absorption in monatomic gases. I. I. Perepechko, V. F. IAkovlev. Akust. zhur. 7 no. 2:266-267 '61.

ABSORPTION SPECTRA
Possible existence of magnetic dipole lines in the exciton absorption spectrum. A. G Zhilich, V. I. Cherepanov, IU. A. Kargapolov. Fiz. tver. tela 3 no. 6. 1812-1814 Je '61.

ABSTRACT ALGEBRA see Algebra, Abstract

ABSTRACT METRICS see Distance geometry

ABUTILON—DISEASES AND PESTS
Conditions for the recovery of Abutilon from infectious chlorosis. Report No. 2. Recovery under the effect of defoliation [with summary in English] N. A. Terekhova. Vop. virus. 6 no 5:614-618 S-O '60

ACADEMY OF SCIENCES OF THE TURKMEN S. S. R.
Annual meeting of the Academy of Sciences of the Turkmen S. S. R. Izv AN Turk. SSR. Ser. biol. nauk no. 2, 86 '61

ACADEMY OF SCIENCES OF THE U. S. S. R.
Election of the President of the Academy of Sciences of the U S. S. R. Nauka i zhyttia 11 no 6 19 Je '61

ACADEMY OF SCIENCES OF THE UKRAINIAN S. S. R.
General meetings of the Academy of Science of the Ukrainian S. S. R. Nauka i zhyttia 11 no 5 36 My '61

ACARINA see subdivision under Turkmenistan

ACCELERATION—PHYSIOLOGICAL EFFECT
Significance of examination of flying personnel with functional disorders of the nervous system on the centrifuge for expert medical evaluation. P M Suvorov, M. G. Papkov. Voen. -med. zhur no. 6:73-76 Ag '60.

ACCESS TO BOOKS IN LIBRARIES see Open and closed shelves

ACCOUNTING
(see also subdivision under Moscow, Penza Province)
Accounting and control in research institutes I. Ostrovlianchik Bukh. uchet 18 no 6 20-23 Je '61.
Dodonov, A. A. [Problems of accounting in industries of the U. S. S. R.; the author's summary of a dissertation] Problemy bukhgalterskogo ucheta v promyshlennosti SSSR; avtoreferat dissertatsii. Moskva, Mosk. fin. in-t M-va vysshego obrazovaniia SSSR, 1958. 45 p. [MICROFILM]
In anticipation of the 22d Congress of the CPSU. Bukh uchet 18 no. 6 1-4 Je '61.
Special features in planning the mechanization of the accounting and planning work G. Titarenko. Bukh. uchet 18 no. 6. 15-20 Je '61.

ACETALDEHYDE
Photochemical investigation of the mechanism of reaction between oxygen atoms and acetaldehyde. L I. Avramenko, R V. Kolesnikova. Izv. AN SSSR. Otd. khim. nauk no 7 1231-1234 Jl '61.

ACETANILIDE
Relationship between the structure and properties of dyes, derivatives of benzanilide. Part 3: Disazo dyes from 4, 4'-diamino derivatives of phenylacetanilide and of benzoic benzylamide. B. M. Krasovitskii, V. B. Smeliakova. Zhur. ob khim 31 no 7:2256-2259 Jl '61.

ACETARSONE—THERAPEUTIC USE
Treatment of urogenital trichomoniasis in women by electrophoresis with osarsol E. D. Svet-Moldavskaia, S. D. Leikina, B. N. IUr'eva. Vop. kur., fizioter. i lech. fiz kul't. 26 no 3:254-255 My-Je '61.

ACETIC ACID
Formation of polymethyleneammonium rings. Part 1: Synthesis and transformations of some esters of diphenylacetic acid. S. G. Kuznetsov, D. V. Ioffe. Zhur ob. khim. 31 no. 7:2289-2297 Jl '61.
Investigation of binary nonaqueous liquid systems by the emf method. Part 1: Systems composed of acetic acid and amines [with summary in English]. F. N Kozlenko, S. P. Miskidzh'ian. Zhur. fiz. khim. 34 no. 2:349-356 F '60.
Phase and volume relationships in the system acetic acid - butane. I. R. Krichevskii and others. Khim. prom. no. 7:498-502 Jl '61.
Physicochemical analysis in solutions and calculation of the reaction yield. Part 6: Reaction of acetic acid and its chloro-substituted derivatives with aromatic amines (from electric conductivity data). N. A. Izmailov, M. N TSarevskaia Ukr. khim. zhur 27 no. 4:437-442 '61.
Reaction of pentavalent molybdenum with (ethylenediamino) tetraacetic acid [with summary in English] A E Klygin, N. S. Koltsova, D M. Zavrazhnova Zhur anal khim 16 no 4 442-447 Jl-Ag '61
Study of electrophilic substitution reactions at a saturated carbon atom by use of the isotope exchange method Report No 1: Kinetics of the isotope exchange reaction of ethyl α-(bromomercuri) phenyl acetate with mercury bromide tagged with Hg^{203} in pyridine. O A. Reutov, V. I Sokolov, L P Beletskaia Izv. AN SSSR Otd khim. nauk no 7 1213-1217 Jl '61
Study of electrophilic substitution reactions at a saturated carbon atom by use of the isotope exchange method Report No 2: Kinetics of the isotope exchange reaction of ethyl α-(bromomercuri)phenyl acetate with mercury bromide tagged with Hg^{203} in water - dioxane mixture O. A. Reutov, V. I. Sokolov, L. P. Beletskaia Izv. AN SSSR Otd khim. nauk no. 7 1217-1222 Jl '61
Substances with complex-forming properties. Part 6 Synthesis of cyclic analogs of nitrilotriacetic and ethylenediaminotetraacetic acids. V. G. IAshunskii, O I. Samoilova, M. N. Shchukina Zhur ob khim. 31 no. 7:2316-2321 Jl '61
Synthesis of methyl ester of indolo(1, 2:2', 3':3, 4, 5, 6, 7, 8, -hexahydro-7-quinolizylacetic acid. R. P Lvetsneeva, E. A. Markarina, N. A. Preobrazhenskii Zhur. ob. khim. 31 no. 7 2187-2190 Jl '61.
Use of the herbicide "dicotex-30" in flax fields under farm conditions. S. M. Mashtakov, B. F. Matrosov, S. IA Ledovskii Biul. inst. biol. AN BSSR no 5. 200-2 '60.
Variability and selection of commercial Aspergillus niger strains used in the production of acetic acid. E. IA. Shcherbakova. Trudy Inst. mikrobiol. no. 10 120-137 '61.

ACETIC ANHYDRIDE
Determination of acetic anhydride in acetylating mixtures E. A. Emelin, G. P. Svistunova Zav. lab. 27 no. 8 964-972 '61.

ACETOACETIC ACID
Reactions of sodium acetoacetate with α-oxybromides. T. I. Temnikova, B. A. Ershov. Zhur. ob. khim. 31 no 7:2435-2436 Jl '61.

ACETONE
Condensation of acetone to mesityl oxide and phorone in the presence of bormomagnesium alcoholates. IU IU TSmur. Zhur. prikl. khim. 34 no. 7 1626-1630 Jl '61
Detonation of mixtures of nitromethane with acetone. A. N Dremin, O K. Rozanov. Dokl. AN SSSR 139 no. 1, 137-138 Jl '61.
Theory of solutions. Part 12: Dielectric polarization and molecular structure of nitrobenzene and acetone solutions [with summary in English]. M. I. Shakhparonov. Zhur. fiz. khim. 35 no. 6:1171-1186 Je '61.

ACETOPHENONE
Synthesis and study of monomeric and polymeric products of the reaction of acetophenone with furfural I. V Kamenskii and others. Plast. massy no 8-12-15 '61

ACETYLENE
Liquid phase hydration of acetylene with a copper catalyst. S A. Vartanian, S. K. Ptenian, N. G. Menasian. Zhur ob. khim 31 no 7:2386-2387 Jl '61.
Products of the addition of mercury salts to disubstituted acetylenes. A. N. Nesmeianov and others Izv. AN SSSR. Otd. khim. nauk no 7:1249-1252 Jl '61.

ACETYLENE BLACK see Carbon black

ACETYLENE GENERATORS
Profsoiuz rabochikh mashinostroeniia. TSentral'nyi komitet. [Safety engineering instructions for operators of acetylene generators] Instruktsiia po tekhniko bezopasnosti dlia gazogeneratorshchikov atsetilenovykh apparatov. [Moskva] Mashgiz, 1961. 16 p.

ACHIK-TASH REGION—METAMORPHISM (GEOLOGY)
Contact metamorphism of ores in the Achik-Tash deposit. E. B Baibulatov. Izv. AN Kir. SSR. Ser. est i tekh. nauk 2 no. 8 107-115 '60.

ACID PROTEINASE see Pepsin

ACIDITY OF SOILS see Soil acidity

ACIDOSIS
Studying the state of the acid-base equilibrium during acute radiation sickness L N Martich, Radiobiologiia 1 no. 2:257-263 '61.

ACIDS—HANDLING AND TRANSPORTATION
Unit for pouring concentrated acids P. V. Malyi, I. S. Malyshko. Shor rats predl vnedr v proizv no.1 51-52 '61.

ACIDS, FATTY
Amount of highly unsaturated fatty acids in the blood of patients with coronary atherosclerosis and in experimental hypercholesterinemia I N Komarova. Vest. AMN SSSR 16 no. 3:27-32 '61.
Distribution of carboxylic acids between water and kerosine N M. Adamskii, S. M Karpacheva, S I Sorokin. Radiokhimiia 3 no 3 284-290 '61

ACIDS, ORGANIC
Citrate and tartrate complexes of lanthanum, praseodymium, neodymium, and samarium K. L. Mallarov, F P Sudakov. Zhur. neorg khim. 6 no 7:1559-1564 Jl '61
Hydrogenation of α-keto acids over a colloidal palladium catalyst E. I. Klabunovskii, A A Balandin, IU I Petrov. Dokl. AN SSSR 139 no. 2 377-380 Jl '61
Oxidation of organic acids by a culture of Actinomyces violaceus strain 719 (Rus). M. N. Bekhtereva Mikrobiologiia 29 no. 2:184-189 Mr-Ap '60.
Use of hydroxy acids in polarographic analysis Report No 1 Half-wave potentials of certain ions in solutions of sodium salts of lactic, malic, and salicylic acids [with summary in English] I Adam, J. Doležal, J Zýka Zhur anal. khim 16 no 4 395-398 Jl-Ag '61

ACIDS, ORGANIC—SPECTRA
Study of the structure of δ-keto acids by infrared spectroscopy IU. A. Pentin and others Zhur ob khim 31 no. 7:2092-2096 Jl '61

ACOUSTICAL ENGINEERING
Stereo-reverberation. V. V. Furduev. Akust. zhur. 7 no. 2 242-247 '61.

ACOUSTICAL MATERIALS
Sound absorbers with perforated facings. K. A. Velizhanina. Akust. zhur. 7 no. 2:165-173 '61.

ACOUSTICS see Hearing

ACQUISITIONS (LIBRARIES)
[New foreign books received by the library system of the Academy of Sciences of the U.S.S.R.]. Nov. inostr. knigi, postup. v nauch. bibl. AN SSSR nos. 104-109 '61.

ACROBATISM
Kerkin, V. P. [Extracurricular work in acrobatics a guide for instructors and trainers] Vneklassnaia rabota po akrobatike; posobie dlia uchitelei i trenerov. Leningrad, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR Leningr. otd-nie, 1961. 111 p.

ACRYLIC ACID
Synthesis of β-aroylacrylic acids and their amides. A. N. Nesmeianov, M. I Rybinskaia, L V Rybin Izv AN SSSR. Otd. khim. nauk no. 7:1292-1296 Jl '61.

ACRYLONITRILE
Reaction of acrylonitrile with biphenyl. F. M. Mandrosova, G. I. Kudriavtsev. Zhur. ob. khim. 31 no 7: 2246-2248 Jl '61.

ACTING
The actor and demands of the time Nikolai Alekseev. Teatr 22 no. 7:71-76 Jl '61.
And your opinion? Liubov' Dobrzhanskaia and others. Teatr 22 no. 7:102-108 Jl '61.
The independence of an actor. Vanda Kraskovskaia. Teatr 22 no. 7:82-86 Jl '61.
On individuality. Vl. Blok. Teatr 22 no. 7:97-93 Jl '61.

ACTING—STUDY AND TEACHING
On the way to the screen. A. Romov. Smena 38 no. 9: 18-19 My '61.
On the way to the screen. Nina Magor and others. Smena 38 no. 11:18-19 Je '61.
The spoken word on the stage. N. IAkushenko. Teatr 22 no. 7:155 Jl '61.

ACTINOMYCES
Combined effect of chemical and physical factors in the selection of erythromycin producers. V. G. Zhdanov. Trudy Inst. mikrobiol. no. 10:164-166 '61.
Dependence of the effect of combined treatment of Streptomyces aureofaciens by ultraviolet and X rays on the nature of treatment. S IU. Gol'dat. Dokl. AN SSSR 139 no. 1-219-222 Jl '61.
Development of soil Actinomycetes in media with varying osmotic pressure [with summary in English]. I. L. Klevenskaia. Mikrobiologiia 29 no. 2:215-219 Mr-Ap '60.

Influence of the products of vital activity of bacteria on the growth and antibiotic properties of various actinomycetes [with summary in English]. N. S Egorov and others Mikrobiologiia 29 no 2:269-275 Mr-Ap '60.
Lysis of hemolytic streptococci by actinomycetes [with summary in English]. N. K. Lebedeva, C. S. Yuan, I. I. Bassokhina. Antibiotiki 6 no. 5:442-446 My '61.
New metabolic product of Actinomyces aureofaciens LS - B-16 V G Plakunova Dokl AN SSSR 139 no 1 127-218 Jl '61.
Obtaining actinomycetes hybrids producing tetracyclines (Actinomyces rimosus and Actinomyces aureofaciens) and their use in the selection of active strains. S. Z. Mindlin and others. Trudy Inst. mikrobiol. no. 10: 187-198 '61.
Oxidation of organic acids by a culture of Actinomyces violaceus strain 719 (Rus). M. N. Bekhtereva Mikrobiologiia 29 no. 2,184-189 Mr-Ap '60
Preservation of the viability of thermophilic actinomycetes during prolonged storage [with summary in English] A. E. Kosmachev. Mikrobiologiia 29 no. 2 287-289 Mr-Ap '60
Production of echinomycinlike substances by various types of actinomycetes [with summary in English]. L. P. Ivanitskaia and others. Antibiotiki 6 no. 5 393-397 My '61.
Radiosensitivity of actinomycetes strains and species as related to the structural characteristics of their nuclear elements A. A. Prokof'eva-Bel'govskaia, O N Kapitonova, Z B. Shamina Radiobiologiia 1 no 1,112-116 '61
Selection of Actinomyces aureofaciens (chlortetracycline producer) by the use of mutagenic factors. S. IU. Gol'dat. Trudy Inst. mikrobiol. no. 10:159-163 '61.
Selection of Actinomyces subtilis opicus (albomycin producer) by the use of X rays. F. S. Klepkova. Trudy Inst. mikrobiol. no. 10:148-153 '61.
Synthetic medium for the development of actinomycetes producing nucleotidase M. V Nefelova, M. B Butteeva. Nauch. doki vys. shkoly, biol nauki no 3:159-162 '61
Use of actinophages in the selection of actinomycetes. T. S. Il'ina and others. Trudy Inst. mikrobiol. no. 10: 182-186 '61
Use of ethyleniminе in the selection of the producer of vitamin B_{12}. N. I. Zhdanova. Trudy Inst. mikrobiol. no. 10:154-158 '61.
Use of ultraviolet rays in the selection of strains producing streptomycin. L. I. Erokhina. Trudy Inst. mikrobiol. no. 10 169-173 '61.

ACTIVITY PROGRAMS IN EDUCATION
How to organize the independent classwork of pupils from the first through the fourth grades. N. Charpinski. Nar. obr no. 5:75-80 My '61.
How to prepare students for the active perception of teachers' words. E. Afanasenko. Nar. obr. no 5 71-74 My '61

ACTORS—CORRESPONDENCE, REMINISCENCES, ETC.
An actor's memory box. O Dzubinskaia. Teatr 22 no 7 164-166 Jl '61.
Orlenev, P. N. [The life and creative activities of Pavel Orlenev as described by the Russian actor himself] Zhizn' i tvorchestvo russkogo aktera Pavla Orlenova; opisannye im samim. Leningrad, Gos. izd-vo "Iskusstvo," 1961, 342 p. (Teatral'nye memuary)

ACTORS, UKRAINIAN
An actor from the city of Romny. M. Halushko. Ukraina no.15:12-13 Ag '61.

ACTRESSES, MONGOLIAN
Enkhtuia, a young actress. D. Badamniam. Sovr. Mong. 6 no. 3:17 Mr '61

ACUPUNCTURE
Ingamdzhanov, N. I. [Practical manual on needle therapy] Prakticheskoe rukovodstvo po igloterapii. Tashkent, Gos. med. izd-vo M-va zdravookhraneniia UzSSR, 1960. 138 p.
(DNLM)
Mechanisms of therapeutic effects in acupuncture. G. N. Kassil'. Vest. AMN SSSR 16 no. 3:34-47 '61.

ACUTE CATARRHAL JAUNDICE see Hepatitis, Infectious

ACYLATION
Medium and reactivity. Part 8: Kinetics of the acylation of aromatic amines with acetic anhydride and benzoyl chloride in benzene with chloracetic acid additions. L. M. Litvinenko, D. M. Aleksandrova, S. F. Prokopovich. Ukr. khim zhur. 27 no 4:494-502 '61

ADAPTATION (BIOLOGY)
Adaption of tetraonid and phasianoid birds to the specific features of climatic conditions M. A. Kuz'mina, Trudy Inst. zool. AN Kazakh. SSR 15:104-114 '61.

ADENAUER, KONRAD, 1876-
Dzelepy, Eleuthere N. [Konrad Adenauer; legend and reality. Translated from the French] Konrad Adenauer; legenda i deistvitel'nost'. Moskva, Izd-vo inostr. lit-ry, 1960. 182 p.
(DS)

ADENOSINE PHOSPHATE
Derivatives of adenosine-2'-phosphoamino acid IU. P. Shvachkin, M. T. Azarova, M. A. Prokof'ev Zhur ob khim 31 no 7 2107-2112 Jl '61
Formation of cyclophosphate in the adenosine-2'-phosphoamide series IU P Shvachkin, M T Azarova, M A Prokof'ev. Zhur ob. khim 31 no 7,2112-2114 Jl '61.

ADENOSINE TRIPHOSPHATE ACID
Effect of adenosine triphosphate acid on the contraction of muscles in chilled and frozen meat. L. Gordzievskii. Mias ind SSSR 32 no 3 52-54 '61

ADENOVIRUS INFECTIONS
Incidence of discovery of antibodies to adenoviruses in healthy subjects and those with different diseases based on complement fixation data [with summary in English]. V. I Marchenko, N L Pinegina, N. A. Matveeva, Vop. virus. 7 no. 3 357-360 My-Je '61.
Methods of laboratory diagnosis of adenovirus infections. R. S. Dreizin. Vop. virus. 7 no. 3 371-375 My-Je '61.
Study of the cytopathology of adenovirus infection in tissue cultures [with summary in English]. G A Klisenko. Vop. virus. 7 no 3 348-353 My-Je '61.

ADHESIONS (ANATOMY)
X-ray diagnosis of pleuropericardial adhesions. V. Z. Lan'shin. Vest. rent. i rad. 36 no. 3:63 My-Je '61

ADHESIVES
Hardening of epoxide adhesive compositions and compounds. E. B. Trostianskaia, E. S. Venkova Plast massy no 6:16-18 '61.

ADMINISTRATION OF CRIMINAL JUSTICE see Criminal justice, Administration of

ADMINISTRATION OF JUSTICE see Justice, Administration of

ADMINISTRATIVE ECONOMIC COUNCILS (see also subdivision under Armenia)
Legal acts issued by economic councils. TS. A. IAmpol'skaia. Sov gos i pravo no. 11:80-83 N '60.
Legal problems relating to the organization and work of economic councils D. D. Ostapenko, V. M. Semenov, O. A Krasavchikov Sov gos i pravo 31 no. 2:128-136 F '61

ADMINISTRATIVE LAW
Lunev, A. S. [Penalties and fines for the violation of administrative rules] Administrativnaia otvetstvennost' za pravonarushenila. Moskva, Gos. izd-vo jurid. lit-ry, 1961. 185 p.
"Soviet administrative law, a textbook" by V. A. Vlasov, S S Studenkin Reviewed by G. I. Petrov. Sov. gos. i pravo no. 11:121-123 N '60.

ADMINISTRATIVE REMEDIES
A district party committee has received a complaint. A. IUshin. Part. zhizn' Kazakh 31 no. 7:50-60 Jl '61.

ADONIS
Glycosides in the plants of the genus Adonis. Part I: Glucosides Adonis chrysocyathus Kook. f. et Thom. N. K. Abubakirov, R Sh. IAmatova Zhur. ob khim. 31 no. 7:2424-2427 Jl '61

ADRENAL CORTEX
Postnatal changes in generative zones of the adrenal cortex in different mammals. A. A. Perkhurin. Dokl. AN SSSR 139 no. 3:720-722 Jl '61
Role of endocrine activity of the outer zone of the adrenal cortex in the "feminization" of external sex organs in the human fetus. S. E. Levina. Dokl. AN SSSR 139 no. 4:1012-1015 Ag '61

ADRENAL GLANDS
Mechanism of anti-edematous effects of chlortetracycline and cytosine [with summary in English]. I. I. Brokhman, P. P. Golikov. Antibiotiki 6 no. 5:419-422 My '61.

ADRENAL GLANDS—EXCISION
Effect of the removal of the adrenal substantia medullaris on conditioned reflex regulation of cardiac activity and respiration in cats during ontogenesis [with summary in English]. M. I. IAkovleva. Fiziol. zhur. 16 no. 3:291-299 Mr '60.
Hormone treatment of far advanced breast cancer [with summary in English]. H. Kołodziejska. Vop. onk. 5 no. 11:552-555 '59.

ADRENALINE
Effect of adrenaline on cholinergic contraction of skeletal muscles in birds. I. G. Magazanik Dokl. AN SSSR 139 no. 2:495-498 Jl '61

ADRENOCORTICOTROPIC HORMONES see ACTH

ADSORBENTS
Decomposition of isopropylbenzene hydroperoxide on asorbents. R. V. Kucher, V. A. Soroka. Zhur. prikl. khim. 34 no. 7:1573-1577 Jl '61.

ADSORBENTS (Continued)

Production of a highly active mechanically strong clay hydrosilicate adsorbent by means of acid activation of clays. V. S. Romanov, N. F. Timofeenko, V. I. Varlamov. Dokl. AN SSSR 149 no. 3 665-668 Jl '63.

Work on the preparation and uses in the U. S. S. R. of molecular sieves, new selective adsorbents. A. V. Agafonov and others. Khim. prom. no. 7 470-471 Jl '61.

ADSORPTION

Adsorption of radioactive isotopes on non-ion-exchange polymer adsorbents. Part 1. Adsorption of zirconium from hydrochloric acid solutions on fluoroplastic-4. I. P. Starik, I. A. Skul'skii, V. N. Shchabelovskii, I. A. Skul'skii. Radiokhimiia 3 no. 4 428-434 '61.

Adsorption of radioactive isotopes on non-ion-exchange polymer adsorbents. Part 2. Adsorption of zirconium on fluoroplastic-4 from acid solutions of alkali metal salts. I. P. Starik, V. N. Shchabelovskii, I. A. Skul'skii. Radiokhimiia 3 no. 4 435-439 '61.

Adsorption of tetraalkylammonium cations on mercury [with summary in English]. B. B. Damaskin, N. V. Nikolaeva-Fedorovich. Zhur. fiz. khim. 35 no. 6 1279-1288 Je '61.

Adsorption properties and the secondary porous structure of adsorbents having molecular sieve effect. Report No. 2. Comparison of calculated and experimental extreme values of adsorption and adsorption volumes for type A synthetic zeolites. M. M. Dubinin, Lv. AN SSSR Otd. khim. nauk no. 7 1183-1191 Jl '61.

Determination of relative adsorption coefficients by isotopic dilution. G. V. Isagulianis, A. A. Balandin, E. I. Popov. Dokl. AN SSSR 139 no. 1 139-141 Jl '61.

Interaction of oxygen with the anions absorbed on platinum from solution. V. E. Kazarinov, N. A. Balashova. Dokl. AN SSSR 139 no. 3 641-644 Jl '61.

Investigation of opals and opal-bearing rocks by the adsorption-structural method. V. A. Zabelin. Dokl. AN SSSR 139 no. 2 442-445 Jl '61.

ADULT EDUCATION
(see also subdivision under Sevastopol)

N. K. Krupskaia on educational work among adults. A. Kondrikov. Nar. obr. no. 8 87-89 Ag '61.

N. K. Krupskaia on the demands made on textbooks for adult schools. I. V. Gornostaev. Prep. ist. v shkole 16 no. 1 92-95 Jl-Ag '61.

"On the cultural front; history of the struggle for the elimination of illiteracy in the U. S. S. R." by D. IU. Elkina. Reviewed by K. I. Sedov. Vop. ist. no. 7; 130-132 Jl '61.

We are opening the People's University of Culture. Nauka i zhyttia 11 no. 6 36-37 Je '61.

ADVERTISING—COMMERCE

Systematics of planning export advertising. A. Zlotnikova. Vnesh. torg. 41 no. 6; 40-43 '61.

AERIAL PHOTOGRAMMETRY

Conferences of the brigades and shock workers of communist labor at the Moscow Aerogeodetic Enterprise. A. V. Kurbatov. Geod. i kart. no. 7 10-14 Jl '61.

Coordinatograph for apparatus with a transformed link system. F. V. Drobyshev. Geod. i kart. no. 7; 33-36 Jl '61.

Interdepartmental Commission for Aerial Photographic Surveying. P. IA. Raizer. Geod. i kart. no. 7; 73-74 Jl '61.

Investigating the effect of the hair mark on the accuracy of aerial photograph measurements. Mao Ke-bino [Mao K'o-piao]. Trudy MIIGAIK no. 45 127-136 '61.

Simplified nomograms for calculating elements determining the starting of a new flight line in large-scale aerial phogoraphic surveying. IA. L. Ziman. Trudy MIIGAIK no. 45 35-41 '61.

AERIAL PHOTOGRAPH READING see Photographic interpretation

AERIAL PHOTOGRAPHY see Photography, Aerial

AERIAL SPORTS
(see also subdivision under Vladimir)

Before the decisive starts of the Spartakiada. B. Bashleev, A. Zverev. Kryl. rod. 12 no. 5; 18-19 My '61.

Hoist the flags of the Spartakiada. Kryl. rod. 12 no. 5; 17 My '61.

A real struggle awaits. E. Stepanov. Kryl. rod. 12 no. 4; 13 Ap '61.

AERODYNAMICS

Experimental investigation of the resistance of penetrable solids. S. S. Zolotov. Trudy LKI no. 29 39-47 '59.

Flow past a feathered solid of revolution at a given angle of attack. I. B. Medukhovskii. Prikl. mat. i mekh. 25 no. 3 561-566 My-Je '61.

Length of action of an air shock wave in a tube. M. A. Tsikulin. PMTF no. 4; 60-62 N-D '60.

AERODYNAMICS, HYPERSONIC

Hypersonic flow of a perfect gas around a pointed axiliary symmetrical body with a small angle of attack. S. S. Grigorian, Wu Wang-i. PMTF no. 4; 13-28 N-D '60.

AERODYNAMICS, SUPERSONIC

Analytic solution of the problem of supersonic gas flow about a cascade of conic blades [with summary in English]. N. V. Smirnov. Vest. LGU no. 13 116-126 '61.

Influence of vorticity in supersonic flow about wings of finite span [with summary in English]. I. A. Popova. Vest. LGU no. 13 131-135 '61.

Some properties of supersonic conical gas flows. F. M. Bulikh. Prikl. mat. i mekh. 25 no. 3 478-481 My-Je '61.

AERODYNAMICS, TRANSONIC

One property of transonic gas flows. O. S. Ryzhov, IU. D. Shmyglevskii. Prikl. mat. i mekh. 25 no. 3 553-555 My-Je '61.

AERONAUFICAL MUSEUMS see subdivision under Kaluga

AERONAUTICAL SOCIETIES see subdivision under Ryazan Province, Saratov

AERONAUTICS
(see also subdivision under Tashkent)

At international meetings of the International Aeronautical Federation. A. Tatlanchenko. Kryl. rod. 12 no. 3 15 My '61.

"At the dawn of Soviet aviation" by L. M. Shishov. Reviewed by IA. Chernivskii. Kryl. rod. 12 no. 5,31 My '61.

Facts, events, people. Kryl. rod. 12 no. 4; 14-15 Ap '61.

Facts, events, and people. Kryl. rod. 12 no. 5,14-15 My '61.

"Higher than death" ("In the struggle with the air element" by A. A. Vasil'ev. Reviewed by V. Vladimirov). Ogonek 39 no. 28 9 Jl '61.

Tables of world aviation records as of 1 January 1961. Kryl. rod. 12 no. 1 insert Ap '61.

AERONAUTICS—PSYCHOLOGY

Psychological selection of aviators in the U. S. A.; survey of the literature. N. I. Maizel'. Voen.-med. zhur. no. 1 92-96 Mr '61.

AERONAUTICS—STUDY AND TEACHING
(see also subdivision under Khabarovsk)

Knowledge, skill, practice. E. Baron. Grazhd. av. 18 no. 6; 30-31 Je '61.

AERONAUTICS, COMMERCIAL
(see also subdivision under Kazakhstan)

Communists suggest. G. Tainov. Grazhd. av. 18 no. 6; 12 Je '61.

Main topics. M. Polupinskii. Grazhd. av. 18 no. 6; 26 Je '61.

AERONAUTICS, COMMERCIAL—FREIGHT

Some aspects of the air transportation of perishable goods. A. Kriuchkov. Sov. potreb. koop. 5 no. 8; 36-37 Ag '61.

AERONAUTICS, MILITARY—OBSERVATIONS

The aerial scout designates the target accurately. Vest. Vozd. Fl. no. 2 6-7 F '61.

Coordinates should be given directly from the plane. A. S. Liubchenko. Vest. Vozd. Fl. no. 2 11-15 F '61.

Look farther ahead. A. A. Zaiats. Vest. Vozd. Fl. no. 2; 16-17 F '61.

There can be no routine approach. IU. V. Morgunov. Vest. Vozd. Fl. no. 2; 15-16 F '61.

Two planes conduct a reconnaissance. A. A. Antonov. Vest. Vozd. Fl. no. 2; 8-11 F '61.

AERONAUTICS, MILITARY—TECHNOLOGICAL INNOVATIONS

Volunteer design bureau. A. Z. Slobodianik. Vest. Vozd. Fl. no. 2 58-59 F '61.

AERONAUTICS AS RECREATION
(see also subdivision under Katowice, Poland, Kharkov Province; Kirov; Perm; Vladimir)

Anniversary celebration of young followers of Lenin. Kryl. rod. 12 no. 5; 10 My '61.

AERONAUTICS IN AGRICULTURE
(see also subdivision under Virgin Territory)

Useful manual ("Airplane dusting, spraying and seeding"). M. Leonidov. Grazhd. av. 18 no. 6; 32 Je '61.

AERONAUTICS IN GEOLOGY

Airborne electromagnetic prospecting methods [with summary in English]. L. IA. Miziuk, A. F. Kotiuk. Geol. i geofiz. no. 6; 83-93 '61.

AERONAUTICS IN MEDICINE see subdivision under Kirghizistan

AEROSOL THERAPY

Medicinal aerosols. L. Zaturenskii, I. Blazhek. Apt. delo 10 no. 3; 77-79 My-Je '61.

AEROSOLS

Effectiveness of combined freon aerosols with a bactericidal insecticide action. I. K. Lagert, V. N. Speranskaia. Voen.-med. zhur. no. 8, 66-68 Ag '60.

Method of calculating fractional distribution of particles in a marine aerosol stream. L. I. Dubrov. Trudy Mol. 19 12-56 '60.

Method of determining the viability of micro-organisms in experimental aerosols. O. P. Syncheykova. Mikrobiol. zhur. 23 no. 2; 15-18 '61.

Operation of aerosol generators. G. Korotkikh. Tekh. selikho. 21 no. 7 17-22 Jl '61.

Prospects for a search for a thermal mixture to produce insecticide-rodenticide aerosols. R. A. Tarasin. Vo-med. zhur. no. 8 69-71 Ag '60.

Theory of light scattering by a highly dispersed system of spherical particles. S. D. Tvorogov. Izv. vyss. ucheb. zav., fiz. no. 1 87-93 '61.

AESTHETICS

Dolgonina, A. A. [On true beauty; talks with members of brigades of communist labor.] O nastoiashchei krasote, besedy s chlenami brigad kommunisticheskogo truda. [Riazan'] Riazanskoe knizhnoe izd-vo, 1960. 180 p.

Mirzoeva, Sh. Sh. [Criticism of present-day reactionary bourgeois aesthetics.] Kritika sovremennoi reaktsionnoi burzhuaznoi estetiki. Baku, Akad. nauk Azerbaidzhanskoi SSR, 1960. 84 p. (MH)

Scholasticism and empiricism; the theory of reflection and the theory of hieroglyphs. T. D. Pavlov. Vop. filos. 15 no. 7 106-116 '61.

What is art? V. O. Kudin. Nauka i zhyttia 11 no. 6 37-42 Je '61.

AESTHETICS—STUDY AND TEACHING
(see also subdivision under Ukraine)

Editor's mail. Inostr. lang. v shkole no. 3 75-81 My-Je '61.

V. G. Belinskii on aesthetic training. T. D. Polozova. Sov. pedag. 25 no. 6,53-61 Je '61.

We teach them to love beauty. E. Belova. Shkola-int. no. 3 67-71 My-Je '61.

AESTHETICS—STUDY AND TEACHING—BIBLIOGRAPHY see Bibliography—Aesthetics—Study and teaching

AFFORESTATION
(see also subdivision under Kamchatka, Kazakhstan, Ukraine, Volga Valley)

"Forest plantations and afforestation for land improvement purposes" by V. V. Ogievskii and N. I. Rubtsov. Reviewed by G. P. Sannikov. Les. khoz. 11 no. 7 80 Jl '61.

Using large nursery stock in afforestation. F. V. Tikhomirov. Les. khoz. 14 no. 7 72-73 Jl '61.

AFRICA

"Africa today." Reviewed by O. Malintnikov. Az. i Afr. seg. no. 7 60-61 Jl '61.

AFRICA—BIBLIOGRAPHY

[New Soviet and foreign literature on the countries of the non-Soviet East.] Nov. sov. i inostr. lit. po stran. zarub. Vost. no. 5 '61.

AFRICA—BRITISH COLONIES—TRADE UNIONS

African worker and British colonialism. Alla Liubarskaia. Nov. vrem. 19 no. 32 15-17 Ag '61.

AFRICA—COLONIES

French apologists of neocolonialism ("African studies" [in French]. Reviewed by S. Maksimov.) Az. i Afr. seg. no. 7 62-63 Jl '61.

AFRICA—DESCRIPTION AND TRAVEL

Kudriavtsev, V. L. [Africa on the move.] Afrika v dvizhenii. Moskva, Izd-vo "Izvestiia," 1960. 68 p. (Biblioteka "Izvestii," no. 7)

The testimony of a witness ("A journey to survivors" by Pierre Gascar. Translated from the French. Reviewed by I. Rozum). Ukraina no. 15,20 Ag '61.

AFRICA—ECONOMIC ASSISTANCE

Imperialistic "help" to African countries. Paul Friedlander. Az. i Afr. seg. no. 4 41-42 Ap '61.

AFRICA—ECONOMIC CONDITIONS

Twilight of French colonialism. R. Barbet. Az. i Afr. seg. no. 4; 38-40 Ap '61.

AFRICA—FOREIGN ECONOMIC RELATIONS—UNITED STATES

Dollar imperialism in Africa. Art Shields. Mezhdunar. zhizn' 8 no. 8; 56-67 Ag '61.

U. S. penetration in Africa. V. Kotov. Mir. ekon. i mezhdunar. otn. no. 7; 112-118 Jl '61.

AFRICA—HISTORY

Basic problems in the history of the African peoples. I. Potekhin. Kommunist 38 no. 12; 99-109 Ag '61.

AFRICA—INSURANCE, SOCIAL

Social insurance problems. Abdullah Tlav. Vsem. prof. dvizh. no. 6; 8-10 Je '61.

AFRICA—INVESTMENTS, FOREIGN

"We shall remain where we have settled down." Bryan Barton. Vsem. prof. dvizh. no. 6; 3-7 Je '61.

AFRICA—NAMES, GEOGRAPHICAL

Conference on the toponymy of the East. O P Nazarevskii Iz. AN SSSR Ser geog no. 4,168-171 Il-Ag '61

AFRICA—OIL INDUSTRIES

"We shall remain where we have settled down." Bryan Barton Vsem prof dvizh no 6 3-7 Je '61

AFRICA—POLITICS

Banner of Bandung. G. Mirskii. Az. i Afr. seg. no. 1:5-6 Ap '61

Four theoreticians of neocolonialism ("The world of the African" [in German] by Albert von Haller "The white man's fault?" [in German] by Wainhold Draschel Reviewed by G Rudoi) Nov. vrem 19 no. 32 29-31 Ag '61

A conference on the history of the national liberation struggle of the peoples of Africa and Asia. V N Nikiforov. Vop ist no 7:174-176 Jl '61

AFRICA—STATES, NEW

Some problems of the development of national states in the independent countries of Africa IU A Ilkin Sov gos i pravo 31 no 2 35-47 F '61

AFRICA—TECHNICAL ASSISTANCE, RUSSIAN

For the freedom and prosperity of African peoples. G Shevtakov. Mezhdunar. zhizn' 8 no 9 106-107 S '61

AFRICA—TRADE UNIONS

Founding the All-African Federation of Trade Unions S Valiev. Az. i Afr seg no 7 54 Jl '61.

Social insurance problems. Abdullah Tlav. Vsem. prof dvizh no. 6 8-10 Je '61

To serve imperialism they deceive trade unions T F. McWhinnie. Vsem prof dvizh no 7,27-31 Jl '61.

Use a thorn to oust a thorn John Siddon. Vsem. prof. dvizh no. 2:3-6 F '61

AFRICA—TRADE UNIONS—CONGRESSES

Worker's unity in the struggle against colonialism G Boglietti. Vsem prof dvizh no 2;7-10 F '61.

AFRICA—WATER RESOURCES DEVELOPMENT

Some problems in dividing the African countries into regions on the basis of water resources IU D Dmitrevskii Vop. geog no 53;131-146 '61

AFRICA, NORTH—DESCRIPTION AND TRAVEL

P A Chikhachev's studies on the population and natural conditions of North Africa V V. TSybul'skii. Uch. zap Ist nar Azii 22 87-100 '60.

AFRICA, NORTH—WORLD WAR, 1939-1945—CAMPAIGNS

The "second front" in North Africa in 1942, the U. S. policy in North Africa during the Second World War A A Kartsev Uch zap Inst nar Azii 22;26-47 '60

AFRICA, SOUTHWEST—POLITICS AND GOVERNMENT

Colonial fascism in Southwest Africa. A. Golybin. Mir. khoz. i mezhdunar. otn. no. 8:128-130 Ag '61.

AFRICA, UNION OF SOUTH see South Africa, Union of

AFRICAN DAISY see Gerbera

AGADZHANIAN, STEPAN MELIKSETOVICH, 1863-1940

Agadzhanian, V. A. [My memories of Agadzhanian] Moi vospominaniia ob Agadzhanianе. Erevan, Armgosizdat, 1961. 86 p. plates

AGAR

Use of Russian agar for the preparation of poliomyelitis virus plaques (colonies). S. G. Dzagurov and others. Vop virus. 6 no. 5 632-631 S-O '60

AGE

Age variability of animals and breeding work. S. P. Pospelov. Biul. MOIP. Otd. biol. 66 no. 4:154-156 Jl-Ag '61.

Method for determining the age of female sperm whales (Physeter catodon L.) A. A. Berzin. Dokl. AN SSSR 139 no 2;491-494 Jl '61

AGED—CARE AND HYGIENE

Krasnosel'skii, G. I. [Chinese health gymnastics for elderly persons] Kitaiskaia gigienicheskaia gimnastika dlia lits pozhilogo vozrasta. Izd. 2, , ispr. i dop. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 28 p. (DNLM)

AGED—NUTRITION

Nutrition of aged patients during treatment at a health resort. V. V. Surikova, K L. Zatuchnaia, M. P. Surikov. Vop. pit. 20 no. 4:70-71 Jl-Ag '61.

AGGREGATES

Analytical capacity of sets, compatible nontriviality of different classes of analytical functions, and Schwarz's lemma in arbitrary regions. S. IA. Khavinson. Mat. sbor. 54 no. 1:3-50 My '61.

Arithmetic of n-relations IU E. Prinzo Izv vys ucheb. zav. , mat no 1 78-92 '61

Densities of hyperimmune sets E A Pavlova Dokl AN SSSR 139 no 1 814-817 Ag '61.

Effective inseparability of a set of identically true formulae and a set of finitely refutable formulae in certain elementary theories A I Mal'tsev Dokl AN SSSR 139 no. 1 802-805 Ag '61

Infinite-dimensional spaces B Levshenko. Dokl. AN SSSR 139 no 2 286-289 Jl '61

Order of the best approximation of functions determined on a continuum by means of linear aggregates derived from the elements of a continued base M M Dzagilev Dokl AN SSSR 139 no 3,528-530 Jl '61

AGGREGATES (BUILDING MATERIALS)
(see also subdivision under Kuybyshev; Novosibirsk)

Clay-ash agloporite from some ashes of Kuznetsk Basin coal. M. V. Balakhnin. Izv. vys. ucheb zav.; stroi. i arkhit. 4 no. 2,114-124 '61.

High strength aggregates for reinforced concrete plants. S F. Chaikin. Bet. i zhel.-bet. no. 7,323-325 Jl '61

Quality of concrete aggregates and accelerated methods of testing them S F Sukhotskii, V. D Magida. Stroi. mat 7 no. 6:19-22 Je '61.

Study of the process of firing keramzit in a rotary kiln P. I. Berenshtein Stroi mat 7 no. 7:32-34 Jl '61

Using clay shale for manufacturing keramzit S. S. Nikolaev and others. Stroi mat 7 no 7 34-37 Jl '61

AGING

Age changes in arteries of the conduction system of the heart. K. M Pozharitskii Vest AMN SSSR 16 no. 3 9-12 '61.

Scientific conference on the problem "Gerontology and geriatrics" P. D. Marchuk. Fiziol. zhur. [Ukr.] 7 no. 4:571-572 Jl-Ag '61.

AGNOSIA

Problem of "agnosia of the face" [with summary in French]. E S Bein, G R. Knizeva Zhur nevr i psikh. 61 no. 5:688-695 '61.

AGRANULOCYTOSIS

Agranulocytosis R. R Ryskind Fel'd i akush 26 no 6 26-32 Je '61

AGREEMENTS see Contracts

AGRICULTURAL ADMINISTRATION
(Bragin District, Chapayevo District; East Kazakhstan Province; Kamenka District, Penza Province; West Kazakhstan Province)

Efficient land use in agriculture. S Cheremushkin. Vop. ekon no.3:80-89 Ag '61

Party organizations should control the reorganization of agricultural administration. Part. zhizn' no 15/16. 126-127 Ag '61.

AGRICULTURAL ESTIMATING AND REPORTING

On operational reports in agriculture. V. Mazur. Vest. stat. no 7;79 '61

AGRICULTURAL EXHIBITIONS see subdivision under Moscow

AGRICULTURAL GEOGRAPHY see subdivision under Amur Valley, Iowa

AGRICULTURAL LABORERS
(see also subdivision under Pavlogradka District)

"Bravo, Iulia!" A. Skrypnik. Smena 38 no. 11;3 Je '61.

Questions and answers. Okhr. truda i sots. strakh. 4 no 7:37-38 Jl '61.

AGRICULTURAL LAWS AND LEGISLATION

Erofeev, B. V., and L. G. Golovacheva. [Soviet land law] Sovetskoe zemel'noe pravo. Otv. red. M. S. Lipetskor. Moskva, Vses. ierid. zaochnyi in-t, 1960. 197 p.

The January Plenum of the Central Committee of the CPSU and some problems facing Soviet jurisprudence. Sov gos. i pravo 31 no 2 3-8 F '61.

AGRICULTURAL MACHINERY
(see also subdivision under Lithuania; Peremyshl' District; Saratov)

Ancestors of tractors and combines Starsh. -serzh. no. 2,29 F '61.

Concerning the classification of grain throwing machinery. A. A. Kukibnyi. Izv. vys. ucheb zav. , plakh. tekh. no. 2;89-92 '60.

Determining the economic effectiveness of new machinery I. H. Kovtun, S O. Karpenko. Mekh. sil'. hosp. 12 no. 8 19-21 Ag '61.

Determining the efficiency and consumption of fuel in machine units mounted on tractors when using a portion of tractor-engine power for driving the mechanisms of the mounted machine. B. N. Antonovskaia Dokl. TSKhA no. 55;247-260 '60.

Improving dynamic properties of automatic regulation systems [with summaries in English, German, and French]. N. N Nastenko, L. A. Boroshok. Vest. sel'khoz. nauki 6 no. 7;78-88 Jl '61.

Items from agricultural journals. Tekh. v sel'khoz. 21 no. 8 92-93 Ag '61.

Konkin, IU. A. [Depreciation of machinery in agriculture; economic principles for determining the life of tractors and machinery in agriculture] Amortizatsiia tekhniki v sel'skom khoziaistve, ekonomicheskie osnovy opredeleniia srokov sluzhby traktorov i mashin v sel'skom khoziaistve. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961, 174 p.
(DA)

Machinery rented out for land improvement by repair and supply stations V V Tolov, M G Vainer Dokl i soob VNIESKH no 4 66-71 '58

Mechanized removing and stacking of straw A. Rudko, A. Perevertev Tekh. v sel'khoz 21 no 7, 27-30 Jl '61

Mol'nikov, S. V., and S. P. Rykhtikov. [Over-all mechanization of corn cultivation on the "Bol'shevik" State Farm in Lomonosov District, Leningrad Province] Opyt kompleksnoi mekhanizatsii vozdelyvaniia kukuruzy v sovkhoze "Bol'shevik", Lomonosovskii raion Leningradskoi oblasti. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 60 p.
(DA)

Musatov, V. N. [At increased speeds] Na povyshennykh skorostiakh. [Moskva] Mosk. rabochii, 1961. 28 p. (Bibliotechka kulturuzovoda-mekhanizatora)

New machines of the Moscow Agricultural Machinery Plant N Zapisotskii Trakt i sel'khozmash. 31 no 2,33-34 F '61

Planning the use of machinery on the "Prozhektor" Collective Farm in Ryazan Province V. N. Zhurikov. Dokl i soob VNILSKH no 4 72-84 '58

Polevitskii, K. A. [Agricultural machines and implements] Sel'skokhoziaistvennye mashiny i orudiia. Izd. 2, , perer. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 508 p. (Uchebnikl i uchebnye posobiia dlia vyshikh sel'skokhoziaistvennykh uchebnykh zavedenii)
(CU)

Recent developments in the utilization of machinery on the "Put' Stalina" Collective Farm T I Tkacheva, A. I Degtiarev Dokl i soob VNIPSKH no 4-106-109 '58

Strain measurement of frame structures. I. I. Siniuk, E IA. Filatov. Trakt i sel'khozmash 31 no 2,27-28 F '61

Technical properties of agricultural machinery. S. N. Shiknnov Trakt i sel'khozmash 31 no 8 47 Ag '61

Universal picking up and loading machine V Antipin and others Tekh. v sel'khoz 21 no 7:55-56 Jl '61.

Use agricultural machines and tractors for mechanizing rural construction. T. I. Omel'ianenko. Stroi. i dor mash 6 no. 7,9-13 Jl '61.

Utilization of machinery and tractors on the "Rassvet" Collective Farm A. V. Chernukhin Dokl. i soob VNIESKH no 4-59-65 '58

AGRICULTURAL MACHINERY—BIBLIOGRAPHY see Bibliography—Agricultural machinery

AGRICULTURAL MACHINERY—DESIGN

Krasnichenko, A. V., ed. [Handbook in two volumes for agricultural machinery designers] Spravochnik konstruktora sel'skokhoziaistvennykh mashin v dvukh tomakh. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry.
Vol. 2. 1961. 862 p.

AGRICULTURAL MACHINERY—EXHIBITIONS

At the Exhibition of Achievements of the Soviet National Economy. S. Shalygin. Tekh. v sel'khoz. 21 no. 8 60-63 Ag '61.

AGRICULTURAL MACHINERY—MAINTENANCE AND REPAIR

Guaranteed repair work A. Pisetskii Sel' mekh. no 7 16-18 '61

Reconditioning parts of tractors and agricultural machinery by high-frequency metallization. I. P Kozlov. Dokl TSKhA no. 55:287-297 '60.

Twenty-five years behind the steering wheel. V. Loskutov Sel'. mekh. no 7,15 '61.

Washing machines for repair shops V. S. Dubrovin Mekh sil'. hosp. 12 no 8 26 Ag '61.

AGRICULTURAL MACHINERY—SAFETY APPLIANCES

Agriculture should have safe machinery I. Kazannikov. Okhr. truda i sots. strakh 4 no 7:8-10 Jl '61

AGRICULTURAL MACHINERY—TESTING

International testing of land improvement machinery. IU. Bogolepov, F. Kusmerskii. Tekh. v sel'khoz. 21 no. 8 44-46 Ag '61.

AGRICULTURAL MACHINERY INDUSTRY
(see also subdivision under Lyubertsy; Riga; Tashkent)

Increasing the production of goods for agriculture. M. Goner and others. Mosk. prom. i khud. promys. 2 no. 6:4-5 Je '61.

On the drawing board and in the factory. V. Mikhailova. Sov. profsoiuzy 17 no. 15:27-28 Ag '61.

What collective and state farms expect from machinery manufacturers P. S. Kuchumov. Trakt. i sel'khozmash. 31 no 8:1-4 Ag '61.

AGRICULTURAL MACHINERY REPAIR AND SUPPLY STATIONS see Repair and supply stations

AGRICULTURAL METEOROLOGY see Meteorology, Agricultural

AGRICULTURAL PESTS

Dobrovol'skii, B. V. [Phenology of the insect pests of agriculture] Fenologiia nasekomykh vreditelei sel'skogo khoziaistva. Izd. 2. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 123 p. (DA)

Paikin, D. M. [Recent developments in the protection of agricultural plants against pests] Novoe v zashchite sel'skokhoziastvennykh rastenii ot vrednykh organizmov. Leningrad, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, Leningr. otd-nie, 1960. 50 p. (DA)

AGRICULTURAL POLICY

Improving the planning and the economic basis of agricultural development plans. K Obolenskii Plan khoz. 38 no 8 26-34 Ag '61

Moscow. Akademiia obshchestvennykh nauk. [Consolidating the alliance between the working class and the peasantry during the sharp upsurge of agriculture, 1953-1958] Ukreplenie soiuza rabochego klassa i krest'ianstva v period krutogo pod"ema sel'skogo khoziaistva, 1953-1958 gg. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 478 p.

Toward an abundance of agricultural products M. Masharipov, B Karimov Kommunist 38 no 13 84-95 S '61

AGRICULTURAL RESEARCH
(see also subdivision under Ukraine)

Encounters with the scouts of the future. O Pisarzhevskii Nauka i zhizn' 28 no. 6:1-5 Je '61

For a close tie between science and the work of the people P A Vlasiuk Visnyk sil'hosp nauky 4 no 8 3-10 Ag '61

In the Presidium of the Lenin All Union Academy of Agricultural Sciences Vest sel'khoz nauki 6 no. 7: 138 Jl '61

Real help for collective and state farms. V. M Suslov Vest sel'khoz nauki 6 no 7 130-135 Jl '61

Socialist obligations of scientific research institutions towards the 22d Congress of the CPSU Vest sel'khoz. nauki 6 no 7:136-137 Jl '61.

AGRICULTURAL WAGES

Cash payment on collective farms V. Khizhniakov. Dokl i soob VNIESKH no 4 144-150 '58

Establishing wage norms for harvesting corn. Kh Pechonyi. Mekh. sil' hosp 12 no. 8 18-19 Ag '61.

New wage system on state farms. V Shuruev Sov. profsoiuzy 17 no 16:37-38 Ag '61.

New wage systems on collective farms N. T. Batova Dokl i soob. VNIESKH no 4 151-153 '58

Principles of material incentive on collective farms [in Armenian with summary in Russian] A K Airumian Izv Upr sel'khoz. nauki Arm SSR 4 no 3 3-15 '61

Wages for drivers G. Belaia. Sel'. mekh. no. 7:27 '61

Wages for timekeepers. Sel'. mekh no 7:26 '61.

AGRICULTURE
(see also subdivision under Armenia; Caucasus, Northern; Central Black Earth region; Dnieper Valley; Donets Basin, Dubossary District; France; Germany, East; Kazakhstan, Khirski District, Kromy

Khrushchev, N. S. [Improving the welfare of the people and the task of further increasing the output of agricultural products; a speech at the plenum of the Central Committee of the CPSU, January 17, 1961] Povyshenie blagosostoianiia naroda i zadachi dal'neishego uvelicheniia proizvodstva sel'skokhoziaistvennykh produktov, rech' na Plenume TsK KPSS 17 ianvaria 1961 goda Moskva, Gospolitizdat, 1961. 110 p. (DS)

Liubimov, S. P., V. A. TSarev, and IU. D. Chernichenko. [Resources of virgin lands are for the people] Bogatstva tseliny - narodu. Moskva, Izd-vo "Sovetskaia Rossiia," 1960 [0] p. (DA)

Musatov, A. I. [Along a new path] Po pervoputku. Moskva, Izd-vo "Znanie," 1961. 44 p. (DA)

Plastics in the service of agriculture, I. I Levenshtein. Plast massy no 7 76 '61

[Plenum of the Central Committee of the Communist Party of the Soviet Union, January 10-18, 1961, verbatim report] Plenum TSentral'nogo Komiteta Kommunisticheskoi partii Sovetskogo Soiuza, 10-18 ianvaria 1961 goda; stenograficheskii otchet. Moskva, Gos. izd-vo polit. lit-ry, 1961. 647 p.

Problems pertaining to the analysis of farm production and to the increased purchase of agricultural products V. Sobolev. Muk-elev prom. 27 no 8 3-5 Ag '61

So that the motherland would grow richer! Sov. profsoiuzy 17 no. 14:2-3 Jl '61

Soveshchanie peredovikov sel'skogo khoziaistva Nechernozemnoi zony, Moscow, 1961. [Leading agricultural workers talk about their experience; materials of the Conference of Leading Agricultural Workers of the non-Chernozem Zone, Moscow, 1961] Peredoviki sel'skogo khoziaistva o svoem opyte, materialy. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1961. 187 p. (DA)

Theoretical principles of farming systems [with summaries in English, German, and French]. S A Vorob'ev and others. Vest sel'khoz nauki 6 no. 7,3-14 Jl '61

Vorob'ev, S. A. [High standards of agriculture lead to high crop yields] Kul'tura zemledeliia - put' k vysokim urozhaiam. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 67 p. (DA)

Vorob'ev, S. A., and M. G. Ayaev. [Practical and laboratory work in soil science and agriculture] Laboratorno-prakticheskie zaniatiia po pochvovedeniiu i zemledeliiu. Izd. 2., perer. Moskva, Gos. izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 335 p. (Uchebniki i uchebnye posobiia dlia sel'skokhoziaistvennykh tekhnikumov)

Vsesoiuznaia akademiia sel'skokhoziaistvennykh nauk imeni V. I. Lenina. [Materials of the anniversary session dedicated to the 40th anniversary of the Great October Socialist Revolution] Materialy iubileinoi sessii, posviashchennoi 40-i godovshchine Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii. Moskva, Izd-vo M-vo sel'skogo khoziaistva SSSR. 1958. 529 p. (DC)

Ways for completing the elaboration of an efficient farming system [with summaries in English, German, and French] I. M. Zal'tsman, A. K. Il'ichev. Vest. sel'khoz nauki 6 no. 7:15-25 Jl '61

AGRICULTURE—ABSTRACTS

[Agriculture; classed index of articles in foreign periodicals.] Sel'. khoz., sist. ukaz. st. v inostr. zhur. no. 6 '61.

AGRICULTURE—ACCIDENTS see subdivision under Mardakert District (Azerbaijan)

AGRICULTURE—ACCOUNTING

Vasil'ev, D. G., ed. [Accounting in agricultural enterprises; a course of lectures] Bukhgalterskii uchet v sel'skokhoziaistvennykh predpriiatiiakh; kurs lektsii. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 454 p. (CU)

AGRICULTURE—BIBLIOGRAPHY see Bibliography—Agriculture

AGRICULTURE—ECONOMIC ASPECTS
(see also subdivision under Mali Republic, Sakhnovshchina District)

All-Union Conference on the methods of research in the economics and organization of agriculture. F. V. Mel'nikov, B. V. Dmitriev Dokl. i soob. VNIESKH no. 4: 162-165 '58

Basic scientific problems in the economy and organization of agriculture. A. V. Solov'ev. Dokl. i soob. VNIESKH no. 4:3-9 '58.

Capital investments in agriculture and the calculation of their effectiveness. G. Raskin. Vop. ekon. no. 7:119-126 Jl '61

Economic problems in the further development of the collective farm system. O. Mesrovich. Vop. ekon. no. 7:159-160 Jl '61.

For a thorough discussion of the development of socialist agriculture in social science courses. E. F. Borisov, G. V. Donskoi. Sred. spets obr 6 no. 6:43-46 Je '61.

Growth of the means of production in the agriculture of the U. S. S. R M M Sokolov. Vest. Mosk. un. Ser. 6 Ekon., filos 16 no. 4 3-12 Jl-Ag '61.

Important problems in the economics of agriculture S Polovenko, V. Korochkin, N. Perekalina Vest Mosk. un. Ser 6 Ekon., filos. 16 no 4 85-88 Jl-Ag '61.

Seminar on economics Dokl i soob. VNIESKH no 4 165-166 '58

AGRICULTURE—EXPERIMENTATION
(see also subdivision under Gorkiy Province; Stavropol Territory, Tosno)

Evaluating the reliability of experimental data in agriculture V N. Peregudov Dokl. i soob VNIESKH no 4 49-58 '58.

Strengthening the contact between the teaching of chemistry and life. S. A Poplavs'kyi. Rad. shk. 40 no 5 44-50 My '61.

AGRICULTURE—FINANCE

Seminar on the problems of financing and agricultural credit Den i kred. 19 no. 7:42 Jl '61.

AGRICULTURE—HYGIENIC ASPECTS

Affairs ran well G. Rul'kov. Okhr. truda i sots. strakh. 4 no. 7 5-7 Jl '61.

AGRICULTURE—LABOR PRODUCTIVITY

Kuz'mishchev, A. P. [How to increase labor productivity in agriculture] Kak povysit' proizvoditel'nost' truda v sel'skom khoziaistve. [Novosibirsk] Novosibirskoe knizhnoe izd-vo, 1960. 75 p. (Ekonomicheskaia bibliotechka kolkhoznika i rabochego sovkhoza)

AGRICULTURE—MAPS

"Agricultural atlas of the U. S. S. R." Reviewed by N. N Sheiaev Vest. sel'khoz. nauki 6 no. 7:156-158 Jl '61

Discussing the agricultural atlas of the U. S. S. R. IU. V. Shutnov. Izv AN SSSR Ser. geog no. 4:160-161 Jl-Ag '61

New work of Soviet cartography ("Agricultural atlas of the U S S R." Reviewed by IU. V Filippov). Izv. AN SSSR. Ser. geog no 4:156-159 Jl-Ag '61.

AGRICULTURE—SAFETY MEASURES

Everday activities of rural activists. G. Usov. Okhr truda i sots. strakh 4 no 6 10-11 Je '61.

Russia (1923- U. S. S. R.) Ministerstvo sel'skogo khoziaistva. [Safety rules in animal husbandry] Pravila tekhniki bezopasnosti v zhivotnovodstve. Moskva, Izd-vo M-va sel'. khoz. SSSR, 1961. 60 p. (DA)

AGRICULTURE—STATISTICS

Moscow. Moskovskaia sel'skokhoziaistvennaia akademiia im. Timiriazeva. [Reports of the Moscow Agricultural Academy on the 90th anniversary of the birth of V. I. Lenin; economics and organization of agriculture] Doklady TSKHA k 90-letiiu so dnia rozhdeniia V. I. Lenina; ekonomika i organizatsiia sel'skogo khoziaistva Moskva, 1960. 373 p. (DC)

Rate of agricultural production per capita in the U. S. S. R. N. Vasil'ev. Vop. ekon. no. 7:49-62 Jl '61.

AGRICULTURE—STUDY AND TEACHING
(see also subdivision under Albania; Bukhara Province; Czechoslovakia, Losinovka District; Shortandy District, Stavropol Territory; Ukraine)

Agriculture should have fully qualified specialists. S Kishkin. Sred. spets obr 8 no. 7:6-8 Jl '61.

Elucidating the achievements of agricultural science and the experience of progressive workers in the process of studying biology. A. S. Palamarchuk. Rad. shk. 40 no. 5, 42-44 My '61.

For wide dissemination of the work experience of student production brigades. Sov. pedag. 25 no. 7:3-11 Jl '61

The January Plenum and the establishment of boarding schools. Shkola-int. no. 2 2-7 Mr-Ap '61.

Let's expand the practice of student work brigades. Shkola i proizv. 5 no. 7:6-11 Jl '61.

Mass nature study and agricultural work in a Pioneers camp. P. A. Zhil'tsov. Biol. v shkole no. 3:54-55 My Je '61.

New exhibits in your pavilion. V. Filippova IUn nat. no 6 12 Je '61.

Our school brigade. I. Savvateev. Nar. obr. no. 8 33 Ag '61.

Planning the production work of students in agriculture A. N. Pal'tseva. Biol. v shkole no. 3:36-41 My-Je '61

Pletnov, V. S. [Work of grade 6-7 students in agriculture; from the experience of the Kursk Province Schools] Trud uchashchikhsia V-VII klassov v sel'skokhoziaistvennom proizvodstve; iz opyta raboty shkol Kurskoi oblasti. Pod red. A. E. Stavrovskogo. Moskva, Izd-vo Akad. pedagog nauk RSFSR, 1957. 50 p. (Pedagogicheskie chteniia)

Resolution of the January Plenum of the Central Committee of the CPSU as an ideological tool for teachers Ukr. mova v shkoli 11 no. 2:3-5 Mr-Ap '61.

School experimental farm. V. I. Shaub. Sov. pedag. 25 no. 6:70-75 Je '61.

RICULTURE—STUDY AND TEACHING—BIBLIOGRAPHY see Bibliography—Agriculture—Study and teaching

RICULTURE—TEXTBOOKS

od handbook for the practical study of plant breeding "Manual for the practical study of field and meadow ulture" by V M Leont'ev, M P Karnaukhov. Reviewed y F. I. Podgornyi). Sred spets. obr 8 no. 7:57-58 l '61.

ICULTURE, COOPERATIVE see subdivision under Ukraine

RICULTURISTS see subdivision under Kazakhstan

—ANALYSIS

determination of ethylene oxide, epichlorhydrin, and ethylene glycol in air analysis. E. Sh. Gronsberg Khim. prom no. 7:508-509 Jl '61.

—MICROBIOLOGY

ect of ionization of the air on micro-organisms sus-ended in it V A. IAroshenko Mikrobiol. zhur 23 2:53-58 '61

—POLLUTION

llution of air in cities by sulfur dioxide and establish-ent of the maximum permissible concentration of O_2 discharge into the atmosphere. M S. Gol'dberg. est. AMN SSSR 16 no 7:30-36 '61

e new data for the establishment of permissible con-nrations of carbon monoxide in the air [with sum-ary in English]. T. M Shul'ga. Gig. i san. 26 no. 3: 9 Mr '61.

—PURIFICATION

(also subdivision under Germany, East)

s in the service of nature N. Limarev. Ogonek 30 23:15 Je '61

raviolet rays in the prevention of air droplet infec-ons N. M. Dantsig, V V Vlodavets, N.B.Krichagina, st. AMN SSSR 16 no. 7,13-20 '61.

STANDARDS

dard for air used in industrial pneumatic equipment needed. Kh F Musin. Standartizatsiia 25 no 8.54 '61.

IONIZED

t of ionization of the air on micro-organisms aus-ded in it. V. A. IAroshenko. Mikrobiol. zhur. 23 2:53-58 '61

ONIZED—THERAPEUTIC USE

ionization in medicine. A. A. Minkh. Vest. AMN SR 16 no 7 3-13 '61.

Union Conference on Aero-and Hydroaeroionization. K. Mumlnov, M. I. Ketko. Vop. kur., fizioter. i tech. kul't. 26 no. 3,280-285 My-Je '61.

light relaxation and medical room. N. Z. Naftul'ev. st. protivovozd. obor no. 5:52 My '61.

ASES

flights are carried out at night. A. Tialin. Tyl i b Sov. Voor. Sil 21 no 4:73-77 Ap '61

NDITIONING

(also subdivision under Poland)

ipov, G. V. [Automatic control of ventilation and air ditioning; essential engineering circuits of automatic trol systems] Avtomaticheskoe regulirovanie ventil-sii i konditsionirovaniia vozdukha.; printsipial'nye nologicheskie skhemy sistem avtomaticheskogo ulirovaniia. Moskva, Gos. energ. izd-vo, 1961. p. (Biblioteka po avtomatike, no. 26)

ating the contact surface between air and water in y chambers. L. M. Zusmanovich. Vod i san. tekh 1,2-7 Jl '61.

r indices of air conditioners. A. Machkashi Vod. n. tekh. no. 7:30-35 Jl '61

NDITIONING—CONGRESSES

rence on air conditioning in industrial and public ings. B. V Barkalov, E E Karpis. Vod. i san. no. 3:39-40 Mr '61

RTAINS

lation of air curtains at the gates of industrial dings. M. M. Shatskii. Vod. i san. tekh. no. 2:1-6 61.

FENSES

rcraft defense. E. Bodrov. Voen. vest. 40 no. 4: 7 Ap '61.

lishment of a challenge Red Banner by the Moscow Committee of the Communist Youth League, protivovozd. obor. no. 4,7 Ap '61.

ve methods in the organization of communications. Gavrilenko. Vest. protivovozd. obor. no. 5:69-71 '61.

TRAINED CONCRETE

trained slag and ash concrete parts for precast truction. D. E. Kuz'menko, L. M. Rozenfel'd, N. I. Stroi. mat. 7 no. 6:2-7 Je '61.

Foamed silicates from loess loams. V. E. Sokolovich. Trudy Nauch.-issl. sekt. Mosk. fil. Inst. "Orgenergostroi" no. 3 118-132 '59.

Production and use of foam concrete. I. Zavlin. Mias. ind. SSSR 31 no. 4:14-16 '60

AIR FILTERS

Use of caprone fiber in air filters I IU. Beliavskii, O V. Savel'eva Elek i tepl tiaga 5 no. 5:11 My '61.

AIR NAVIGATORS see Flight navigators

AIR PILOTS

Brief notes on interesting things. Smena 38 no. 14:13 Jl '61.

Flying is life. E. Titarenko. Grazhd. av. 18 no. 6:10-11 Je '61.

A man can do anything. N. Denisov. Grazhd. av. 18 no. 6: 24-25 Je '61.

Precisely on course. A. Igol'nikov. Ogonek 30 no. 26:9 Jl '61

The sky calls. V. Otkidacha. Sov voin 43 no. 16:46 Ag '61.

AIR PILOTS—DISEASES AND HYGIENE

Give constant attention to the health of pilots. F. IA. Gur'enkov. Vest. protivovozd. obor. no. 4 39-41 Ap '61.

AIR PREHEATERS

Temperature conditions in the operation of air preheaters with a high degree of air heating. V A. Lokshin and others Elek sta 32 no 4:24-26 Ap '61.

AIR PREHEATERS—MAINTENANCE AND REPAIR

Repair of a rotating air preheater. F. R. Semikov. Energetik 9 no. 3:7-10 Mr '61.

AIR SAMPLING APPARATUS

Device for taking sample of air for testing bacterial contamination. V. M. Khil'ko. Voen.-med. zhur. no. 3 83 Mr '61.

Modern bacterial collectors (data on some foreign investigations). I I. Bogdanov, N. M. Kamorskii Gig. i san 26 no. 3:81-85 Mr '61.

AIR WARFARE

Interaction of pilot and navigator. I. P. Bashilov. Vest. protivovozd obor. no. 5:51-52 My '61.

Maneuver of a fighter plane in the concluding stage of a guiding movement. O. V. Denisenko. Vest. protivovozd obor. no. 5:42-44 My '61.

Optimal flight methods on pursuit missions. A. M. Tarasenkov. Vest. protivovozd. obor. no. 5:45-50 My '61.

AIRPLANES

Prospects for improving the flying characteristics of planes, from the foreign press. I. N. Rogachevskii. Vest. protivovozd. obor. no. 3:40-43 Mr '61.

AIRPLANES—ELECTRONIC EQUIPMENT

Mig-15 piloting and navigation device. A. Ganulin. Kryl. rod. 12 no. 1 17-19 Ap '61.

AIRPLANES—ENGINES—MAINTENANCE AND REPAIR

The engineer analyzes the error. A. I. Ugarov. Vest. Vozd Fl. no. 2 53-56 F '61.

AIRPLANES—FLIGHT TESTING

Beckoning heights. V. Vukolov, S. Kovalev. Sov. voin 43 no. 16:22-25 Ag '61.

AIRPLANES—FUEL

Experimental determination of the vapor density and molecular weights of gasoline B-70 and kerosene T-1. E. A. Balamutova. Trudy MAI no 132;123-143 '61.

Experimental investigation of the heat capacity of vapors of the aviation fuels, gasoline B-70, kerosene T-1, and fuel T-5 at constant pressure. S. N. Sokolov, IU. V. Tarlakov. Trudy MAI no. 132;15-30 '61.

Introduction. Trudy MAI no. 132;3 '61.

AIRPLANES—FUEL CONSUMPTION

Fuel consumption in flight. V. S. Pyshnov. Vest. Vozd. Fl. no. 2 63-70 F '61.

AIRPLANES—JET PROPULSION

Take-off boost of the engine. V. V. Lebedev. Vest. Vozd. Fl. no. 2:71-78 F '61.

AIRPLANES—MAINTENANCE AND REPAIR

(see also subdivision under Tiflis)

An assembly-line method is good. M. S. Urazalinov. Vest. Vozd. Fl. no. 2 62 F '61.

Creativeness not merely for the sake of creativeness. A. E. Gusel'nikov. Vest. Vozd. Fl. no. 2 59-60 F '61.

How should we resolve thorny problems? IU. S. Maslovskii Vest. Vozd. Fl. no. 2,61-62 F '61.

Improve the system for keeping track of failures and defects in equipment. S. V. Podushko, P. V. Roenko. Vest. protivovozd. obor. no. 3;39-40 Mr '61.

Lost and saved rubles. E. Mukhordykh. Grazhd. av. 18 no. 6:9 Je '61.

This is the result of initiative. I. P. Poliakov, M. L. Shevtsov. Vest. Vozd. Fl. no. 2,57-58 F '61.

AIRPLANES—MODELS

(see also subdivision under Poland)

High-speed control-line model plane Kryl. rod. 12 no. 4 16b-16c Ap '61

The judge and the participant. D. Ivannikov. Kryl. rod. 12 no. 4 28 Ap '61.

Lubrication of model engines. B. Krasnovitskii. Kryl. rod. 12 no 4 31 Ap '61

Models developed by club members of the House of Pioneers of Kiev District, Moscow. Kryl. rod 12 no. 5 insert 2p My '61.

Piloting program for control-line models. Kryl. rod. 12 no 5:30-31 My '61

AIRPLANES—MODELS—RADIO CONTROL

For radio-controlled models. IU. Khukhua Kryl. rod 12 no 5:29 My '61.

AIRPLANES—PILOTING

Flying a combination of figures. IA Forostenko. Kryl rod. 12 no. 4 16 Ap '61

Horizontal maneuver. V. G. Braga. Vest. protivovozd. obor. no. 4 42-45 Ap '61.

Night flight. Kryl. rod. 12 no 5:24-25 My '61.

AIRPLANES—RADIO EQUIPMENT

The joy of creative work. D. Alekseev Blok. agit. [Sov. Armii] no 16 17-21 Je '61

AIRPLANES, MILITARY—MAINTENANCE AND REPAIR

Little house on runners D. Polozhentsev Starsh.-serzh no 2:29 F '61.

Warmth of skillful hands A. Kazakov. Starsh.-serzh. no. 1:22 Ja '61.

Why didn't the plane take off? A. Ugarov. Starsh.-serzh. no 4:26 Ap '61.

AIRPORTS see subdivision under Moscow; Vnukovo

AIRPORTS—MANAGEMENT see subdivision under Mineral'nye Vody

AIRPORTS—RUNWAYS

When the runways are glazed. L. P. Kartashev Vest. Vozd. Fl no. 2:74-75 F '61

AIRSPACE (INTERNATIONAL LAW)

Air boundaries in international law. Marko G. Markov. Sov. gos. i pravo 31 no 8 95-102 Ag '61

AKHTUBA VALLEY—WINDBREAKS, SHELTERBELTS, ETC.

Using the cluster method for planting shelterbelts in the Volga-Akhtuba Floodland [with summaries in English, German, and French] F. P. Liubich. Vest sel'khoz. nauki 6 no. 7:102-111 Jl '61.

AKIMOV, NIKOLAI PAVLOVICH

Through the eyes of Akimov ("N P. Akimov the artist" by Mark Etkind. Reviewed by IU. Altanskii). Teatr 22 no. 7:148 Jl '61

AKMOLINSK PROVINCE see Tselinograd Province

AKSENOV, VASILII

For a place in the ranks ("Colleagues" by Vasilii Aksenov. Reviewed by Alla Kireeva). Smena 38 no. 9:30-31 My '61.

AKSU-DZHABAGLY PRESERVE—BIRDS

Materials on the bird fauna of Aksu-Dzhabagly Preserve. L. M. Shul'pin. Trudy Inst. zool AN Kazakh. SSR 15; 14[illegible]

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ALA-TAU, KUNGEI see Kungei Ala-Tau

ALA-TAU, KUZNETSK see Kuznetsk Ala-Tau

ALA-TAU, ZAILIYSKIY see Trans-Ili Ala-Tau

ALANINE
Interaction of ethylenemonochloro-1,4-benzoquinones with α-alanine ethers A N Makarova, A.IA Berlin Zhur.ob khim 31 no 7 2353-2358 Jl '61.
Synthesis of β-(9-acridyl)-alanine and its N-oxides L B Radina, Z V Pushkareva Zhur ob khim 31 no 7 2362-2367 Jl '61

ALATYR' REGION—GEOLOGY, STRATIGRAPHIC
Recent data on Pre-Cambrian formations of the Russian Platform M. M Veselovskaia. Dokl AN SSSR 139 no 1 163-165 Jl '61

ALBANIA—AGRICULTURE—STUDY AND TEACHING
Young naturalists from Albania Kharnir Borichi IUn nat no 6 37 Je '61.

ALBANIA—EDUCATION
Educational reform in People's Albania Tibrie TSitu Sov pedag 25 no 7 137-138 Jl '61

ALBOMYCIN
Selection of Actinomyces subtropicus (albomycin producer) by the use of X rays. F.S.Klepkova. Trudy Inst.mikrobiol. no.10 148-153 '61

ALBUMIN
Effect of pectins and proteins on the filtering properties of saturated residues F D Zhuna Izv vys ucheb zav., pishch.tekh no 2,85-88 '60

ALCOHOL, DENATURED—STANDARDS
Ethyl alcohol P.I.Popov. Standartizatsiia 25 no 6 51-52 Ag '61

ALCOHOLISM
"Alcohol as a social problem" [in German] by H.V.Key-serlink Reviewed by IA Averbakh. Zhur.nevr.i psikh 61 no 3:461-462 '61
Problem of compulsory treatment of patients with chronic alcoholism [with summary in English]. D. Kolarova, K.TSafarov, E Sharankov. Zhur.nevr.i psikh 61 no 3 428-436 '61.

ALCOHOLISM—CONGRESSES
Twenty-sixth International Congress on the problem of alcohol and alcoholism I V Strel'chuk, I I Lukomskii. Zhur nevr i psikh 61 no 5:792-794 '61.

ALCOHOLS
Amino alcohols of the acetylene series. Part 2. 1,1-disubstituted 5-dialkylaminopentinols with different position of their triple bond N M. Libman, S.G Kuznetsov Zhur ob khim. 31 no 7 2283-2289 Jl '61
Interaction of primary γ-silicon-containing acetylenic alcohols with thionyl chloride N V. Komarov, M F Shostakovskii, L.N Astaf'eva Zhur.ob khim. 31 no 7:2100-2102 Jl '61.
Radical exchange between tertiary alcohols and corresponding hydrocarbons in the presence of sulfuric acid. G G Petukhov, R F.Galiulina. Zhur ob khim 31 no 7 2159-2161 Jl '61.
Synthesis of tertiary acetylenic alcohols exhibiting halochromism B.N.Dashkevich, IU IU. TSmur, V.P. Sholom. Ukr khim.zhur 27 no 4 479-480 '61

ALDAN BASIN—COAL GEOLOGY
Mesozoic stratigraphy of the Toko trough and some information about its coal potential. V I.Gol'denberg, Z. M. Samozvantseva. Trudy VAGT no. 7:47-51 '61.

[illegible] [Petrological and mineralogical characteristics of lower Cambrian sediments in Aldan District] Petrografo-mineralogicheskaia kharakteristika nizhnekembriiskikh otlozhenii Aldanskogo raiona. [Moskva] Izd-vo Akad. nauk SSSR, 116 p.

ALDAN PLATEAU—CARBONATITES
Some features of carbonatites in the Konder intrusive massif (Aldan Shield). A. A. El'yanov. Trudy VAGT no. 7:85-93 '61.

ALDAN PLATEAU—GEOLOGY, STRATIGRAPHIC
Early Sinian subvolcanic formations of the southeastern Aldan Shield. N.D. Zienko, N. S. Shpak. Trudy VAGT no. 7:52-65 '61.
Recent data on the stratigraphy of the Archean and Proterozoic of the eastern margin of the Aldan Shield. N.S.Shpak. Trudy VAGT no. 7:14-22 '61.
Sinian (Riphean) of the eastern slopes of the Aldan Shield. S. V. Nuzhnov. Trudy VAGT no. 7:23-37 '61.
Stratigraphy of the late Sinian of the eastern margin of the Aldan Shield. S. M. Kalimulin. Trudy VAGT no. 7: 38-41 '61.
Stratigraphy of the lower Cambrian of the southeastern margin of the Aldan Shield in the light of new data. V. A. Samozvantsev, Z. M. Samozvantseva. Trudy VAGT no. 7, 42-46 '61.

ALDAN PLATEAU—GEOLOGY, STRUCTURAL
Basic tectonic features of the eastern margin of the Aldan Shield and adjacent areas V. M. Moraev, A. L. Stavtsev. Trudy VAGT no 7, 5-13 '61

ALDAN PLATEAU—GLACIOLOGY
Glaciation traces in the southeastern part of the Aldan Plateau and the Dzhugdzhur Range. V. V. Skotarenko. Biul. MOIP, Otd. geol. 36 no. 2 144 Mr-Ap '61.

ALDAN PLATEAU—ROCKS, IGNEOUS
Arbarastakh massif of ultrabasic and alkali rocks. S. P. Stolairov. Trudy VAGT no. 7 74-84 '61.
Late Sinian central intrusions of the eastern margin of the Aldan Shield. N D Zienko. Trudy VAGT no. 7 66-73 '61
Lower Cretaceous intrusions of Ket-Kap Range and the adjacent part of the Aldan Shield. V. A. Samozvantsev Trudy VAGT no 7 97-102 '61
New massif of alkali rocks and carbonatites in the eastern Aldan Shield T B Zdorivk, B.E. Runov Trudy VAGT no. 7:94-96 '61.

ALDAN SHIELD—ROCKS, SEDIMENTARY
Some indications for determining sedimentary formations of the eastern margin of the Aldan Shield. M IA. Popov. Trudy VAGT no 7 121-126 '61.

ALDAN VALLEY—EROSION
Erosion surfaces in the Aldan-Olekma interfluve. D.A. Timofeev. Biul. MOIP, Otd. geol. 36 no. 2:141 Mr-Ap '61.

ALDEHYDES
Condensation of 2, 2, 5, 5-tetraalkyl-3-furanidones with aldehydes of aromatic nature. I K Korobitsyna, G. V. Marinova, IU. K IUr'ev Zhur ob. khim. 31 no 7 2131-2133 Jl '61

ALDER
(see also subdivision under White Russia)
Effect of the speckled alder on grassy vegetation V. A. Smirnova, P E Sorogovets Biul inst biol AN BSSR no 5 58-62 '60

ALEXANDRETTA SANJAK, TURKEY—ANTIQUITIES
"Excavations in the plain of Antioch" by R. J. Braidwood, L S Braidwood [in English] Reviewed by V M Masson Vop ist. no 8 179-181 Ag '61

ALFALFA—FERTILIZERS AND MANURES
Effect of trace elements on the productivity of seeds and alfalfa and sainfoin yields in the following generation [in Armenian with summary in Russian]. A S Tovmasian. Izv Upr. sel'khoz. nauki Arm SSR 4 no 4 35-45 '61

ALGAE
(see also subdivision under Leningrad Province)
Chlorella, a unicellular green alga as a source of organic matter and oxygen. P. A. Genkel' Biol v shkole no 3: 79-80 My-Je '61
Cytology and systematic position of Spirulina albida Kolkwitz N. P. Gorbunova Nauch dokl vys. shkoly, biol nauki no 3 109-111 '61
Effect of gibberellic acid on protococcoid algae. V. V. Pinevich, N. N. Verzilin, V. E. Vasil'eva. Nauch dokl vys. shkoly, biol nauki no 3 151-154 '61
Migration of isotopes S^{35} and P^{32} between higher plants and algae E K Uzorin, Bot. zhur 46 no. 5, 731-733 My '61.

ALGAE—CULTURES AND CULTURE MEDIA
(see also subdivision under Armenia)
Obtaining bacteriologically pure cultures of green halophilic flagellate algae. E. S. Aleshina. Vest. Mosk. un. Ser. 6; Biol., pochv. 16 no. 4:82-86 Jl-Ag '61.

ALGAE, FOSSIL see subdivision under Belgorod Province; Kazakhstan; Kursk Province

ALGEBRA—STUDY AND TEACHING
Gel'fand, M. S. [Teaching algebra in the eighth grade of schools for working youth] Prepodavanie algebry v vos'mom klasse shkoly rabochei molodezhi. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1957. 131 p. (Pedagogicheskaia biblioteka uchitelia)

ALGEBRA, ABSTRACT
Capacity of systems composed of functional elements. M. N. Vainstvaig. Dokl. AN SSSR 139 no. 2:320-323 Jl '61.

ALGEBRAIC FIELDS see Fields, Algebraic

ALGEBRAIC TOPOLOGY
Calculation of the rotation of a completely continuous vector field in the critical case. V. B. Melamed. Sib. mat. zhur. 2 no. 3:414-427 My-Je '61.

ALGERIA—POLITICS AND GOVERNMENT
For united international action to help Algeria in its struggle for independence. Ibrahim Zakaria. Vsem. prof. dvizh. no. 2:1-2 F '61
France and the self-determination of Algeria. M. A. Krutogolov. Sov gos. i pravo 31 no. 8:103-111 Ag '61.

Landa, R. G. [Algeria is breaking its chains] Alzhir sbrasyvaet okovy. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 154 p
NATO aggression in Algeria. I. Shokin. Voen. vest. 40 no. 4 111-113 Ap '61
One hundred and thirty years of struggle V Vlasov Ogonek 39 no 23 28 Je '61

ALIMENTARY CANAL—DISEASES
Canned food for children in the diet of patients with gastrointestinal diseases. L. A. Beiul, G. S. Korobka Vop pit 19 no. 2 86-87 Mr-Ap '60
Work of the International Congress of Gastroenterology I. K. Men'shikov. Vest. AMN SSSR 16 no. 3:50-53

ALIMENTARY CANAL—INNERVATION
Afferent innervation of organs of the gastrointestinal tract. I A Bulyhin. Fiziol. zhur. [Ukr.] 7 no. 4:145-155 Jl-Ag '61.

ALIMONY
[How to bring suit for alimony and the support of children] Obrashchenie v sud dlia vzyskaniia alimentov Moskva, Gos. izd-vo iurid. lit-ry, 1961. 39 p. (Ural'skie konsultatsii dlia naseleniia v voprosakh i otvetakh, no. 11)

ALKALI HALIDE CRYSTALS
Effect of impurities on the electroconductivity and absorption spectra of alkali halide crystals E. K. Zavadskaia, M. N. Truskina, I. IA Melik-Gaikazian Izv. vys. ucheb zav., fiz no 2 60-65 '61.

ALKALI METAL CHLORIDES
Complex formation of monovalent thallium with alkali metal chlorides. F IA Kul'ba, V E Mironov, V A. Fedorov. Zhur. neorg khim 6 no. 7:1586-1591 Jl '61
Types of melting diagrams of the binary systems formed from alkali metal and radium chlorides. V R Klokman Radiokhimiia 3 no. 3 307-309 '61.

ALKALI METAL HALIDE CRYSTALS
Role of M-, R-, and F'-color centers in the mechanism of the infrared fluorescence of F-centers in alkali halide crystals I. L. Ezhik, S. T Shnyko. Izv. vys. ucheb zav., fiz no. 1 46-53 '61

ALKALI METAL HALIDE CRYSTALS—ELECTRIC PROPERTIES
Some properties of dendrites in alkali halide crystals R E Bublei Izv vys ucheb zav., fiz. no. 1 159-162 '61

ALKALI METAL SALTS
Comparative study of the electrode and exchange properties of the glass electrode by use of radioactive tracers. Part 2: Behavior of the potassium glass electrode in alkali metal salt solutions [with summary in English]. E. A. Materova, V. V. Moiseev, A. A. Beliustin. Zhur. fiz. khim. 35 no. 6:1258-1264 Je '61.

ALKALI METAL SULFATES
Solubility in the system Li_2SO_4 - Na_2SO_4 - K_2SO_4 - H_2O at 50 and 100°. I N Lepeshkov, N V Bodaleva, L T Kotova Zhur neorg. khim. 6 no. 7:1693-1701 Jl '61.

ALKALI METALS
Capture of alkali cations by the precipitation of uranium peroxide A. V. Nikolaev and others. Radiokhimiia 3 no 3, 372-373 '61.
Electron capture by O_2 and Cl_2 molecules in collisions with fast atoms of alkali metals A. M. Bukhteev, IU I Bydin, V M. Dukel'skii Zhur. tekh fiz. 31 no 6 688-693 Je '61

ALKALI METALS—PHYSIOLOGICAL EFFECT
Stimulating effect of some monovalent ions on intestinal receptors; general characteristics of the effects and position of the cation series. L. A. Baraz Dokl. AN SSSR 139 no. 1:234-237 Jl '61.

ALKALI METALS—SPECTRA
Spectral analysis of mica for alkali metals. V V. Plastinin. Zav. lab. 27 no 7, 856-857 '61.

ALKALIES
Potentiometric method of determining the content of free alkali in a saponified oxidate. R. M. Besitskii, B P Kotel'nikov, A. A. Karpenko. Masl.-zhir. prom 27 no. 7:30-32 Jl '61.

ALKALINE EARTH METALS
Vaporization of chalcogenides of alkaline earth metals [with summary in English]. B. P. Nikonov, N. G Ozerkhova Zhur. fiz. khim. 35 no. 7, 1494-1498 Jl '61

ALKALINE EARTH OXIDES
Dissociation energies and heats of sublimation of alkaline earth metal oxides [with summary in English] V. A. Medvedev. Zhur. fiz. khim. 35 no. 7 1481-1485 Jl '61

ALKALIYA VALLEY—ANTIQUITIES
Archaeological study of the banks of the Alkaliya River I. T. Cherniskov. Mat. z arkheol. Pivn Prychor. no 194-200 '60.

ALKALOIDS

Akademiia nauk SSSR. Moldavskii filial. Institut khimii. [Alkaloid plants of Moldavia.] [Alkaloidonosnye rastenila Moldavii. Pod red. G. V. Lazur'evskogo. Kishinev, Izd-vo 'Shtiintsa," 1960. 64 p.

Alkaloids of the C_{15} series. Part 7. New alkaloids of Sophora pachycarpa. IA. I. Pakanaev, A. S. Sadykov. Zhur. ob. khim. 31 no. 7:2128-2132 Jl '61.

Separation of a mixture of the alkaloids of papaverine and codeine by the method of counterflow distribution [with summary in English]. V. M. Bashilova, N. A. Pigurovskii. Apt. delo 10 no. 3:50-54 My-Je '61.

ALKANES see Paraffins

ALKENES see Olefins

ALKOXY GROUPS

Kinetics of chlorine exchange in isomeric β-chlorocrotonic acids. Part 3. Exchange of chlorine for alkoxy groups [with summary in English]. T. A. Kudriavtseva, B. M. Chirkov. Zhur. fiz. khim. 34 no. 2:375-379 F '60.

ALKYL BROMIDES

Isotopic exchange reactions involving a hydrogen of alkyl halides. Report No. 4. Hydrogen exchange of tertiary alkyl bromides in anhydrous acetic acid in the presence of aprotic acids. E. V. Bykova, V. N. Setkina, D. N. Kursanov. Izv. AN SSSR. Otd. khim. nauk no. 7:1303-1306 Jl '61.

ALKYLATION

Correlations in the substitution of hydrogen atoms by alkyl groups in the benzene nucleus. Part 7. Relationship between the rate constants for the formation of isopropylbenzenes and the equation for the composition of the products from the alkylations of benzene by propylene in the presence of aluminum chloride [with summary in English]. V. G. Pliusnin and others. Zhur. fiz. khim. 34 no. 2:267-271 F '60.

ALL-UNION COMMUNIST PARTY (BOLSHEVIK) see Communist Party of the Soviet Union

ALLELOPATHY

Intraspecific relationships in the English oak (Quercus robur L.). M. V. Kolesnichenko. Dokl. AN SSSR 139 no. 3:740-741 Jl '61.

ALLERGY

Allergic reactivity of patients with schizophrenia [with summary in French]. IU. A. Il'inskii. Zhur. nevr. i psikh. 61 no. 4:549-556 '61.

Prevention of allergic diseases. G. Tile. Nauka i zhyttia 11 no. 5:42-43, 46 My '61.

ALLOOCIMENE

Diene synthesis of alloocimene with asymmetric dienophiles. Part 2. Synthesis of substituted naphthalenes from adducts with alloocimene. B. A. Arbuzov, A. R. Vil'chinskaia. Zhur. ob. khim. 31 no. 7:2198-2201 Jl '61.

ALLOYS

Alisova, S. P., and others. [State diagrams of metal systems published in 1957.] Diagrammy sostoianiia metallicheskikh sistem, opublikovannye v 1957 godu. Pod red. N. V. Ageeva. Moskva.
No. 3. 1960. 270 p.

Connection between metal and alloy properties in solid and liquid states. A. M. Korol'kov. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 3:146-147 My-Je '61.

Kurdiumov, G. V. [Using radioactive isotopes for studying diffusion and interatomic reaction in alloys.] Primenenie radioaktivnykh izotopov dlia izucheniia diffuzii i mezhdustomnogo vzaimodeistvila v splavakh. Moskva, 1955. 15 p. (Doklady, predstavlennye SSSR na Mezidunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Mel'nikova, I. S. [Methods of electron-microscope examination of heatproof alloys.] Metody elektronnomikroskopicheskogo issledovaniia zharoprochnykh splavov; stenogramma doklada. Leningrad, 1961. 36 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Serila: Metallovedenie i termicheskaia obrabotka)

Some aspects of the theory of metal alloys. M. I. Shakhparonov. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 3:118-120 My-Je '61.

ALLOYS—MAGNETIC PROPERTIES

Effect of conditions of casting magnetic alloys on their properties. V. M. Pimenov, G. M. Bordina, B. G. Koroliev. Lit. proizv. no. 8:6-8 Ag '61.

ALLOYS—METALLOGRAPHY

Structure of liquid alloys in connection with constitutional diagrams. S. Grigorovich. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 3:124-129 My-Je '61.

Surface tension and the structure of metal alloys. O. A. Timofeevichev, V. B. Lazarev. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 3:147-150 My-Je '61.

X-ray study of the structure of liquid metal alloys of systems with one eutectic. A. S. Lashko, A. V. Romanova. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 3:135-138 My-Je '61.

ALLOYS—METALLURGY

Structure of liquid alloys during severe undercooling. I. S. Miroshnichenko, I. V. Salli. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 3:130-131 My-Je '61.

ALLOYS—THERMAL PROPERTIES

Some characteristics of the constitutional diagrams of eutectic-type binary alloys in connection with the structure of liquid eutectics. V. V. Nikonova, G. M. Bartenev. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 3:131-133 My-Je '61.

ALLUVIAL PLAIN see subdivision under Angara River

ALLYL ALCOHOL

Catalytic and electrolytic hydrogenation of organic compounds on platinum. Part 2. Charging curves of platinized platinum in the presence of allyl alcohol [with summary in English]. T. I. Pochekaeva. Zhur. fiz. khim. 35 no. 7:1606-1610 Jl '61.

ALMA-ATA—CHAMBER ORCHESTRA

Concerts in cities. L. Bas, N. T. Sov. muz. 25 no. 7:102-103 Jl '61.

ALMA-ATA—CHAMPAGNE

Industrial application of the method of continuous improvement selection of yeasts at the Alma-Ata champagne making winery. R. D. Zubkova. Trudy Inst. mikrobiol. no. 10:89-95 '61.

ALMA-ATA—INTERNATIONAL EDUCATION

Training students in the spirit of friendship among peoples and proletarian internationalism. I. P. Latynin. Sred. spets. obr. 8 no. 6:51-53 Je '61.

ALMA-ATA—MACHINERY INDUSTRY—PRODUCTION STANDARDS

Our practice in using consolidated norms. S. E. Safronov. Mashinostroitel' no. 8:13 Ag '61.

ALMA-ATA—NATURAL HISTORY MUSEUMS

Holotypes preserved in the paleobiological collections of the Nature Museum of the Institute of Zoology of the Academy of Sciences of the Kazakh S. S. R. in Alma-Ata. L. A. Makarova, E. R. Orlovskaia. Mat. po ist. fauny i flory Kazakh. 3:183-187 '61.

ALMA-ATA—TELEVISION—TRANSMITTERS AND TRANSMISSION

Field intensities of the Alma-Ata telecenter in various directions and at various distances. S. Amanov, M. I. Berezovskii. Izv. AN Kir. SSR. Ser. est. i tekh. nauk 3 no. 1:115-120 '61.

ALMA-ATA—WATER-SUPPLY ENGINEERING

Controlling sludge ice in Kazakhstan. S. A. Shanin. Vod. i san. tekh. no. 2:36-37 F '61.

ALMA-ATA PROVINCE—FERNS, FOSSIL

Fern flora of Mesozoic deposits in eastern Kazakhstan. E. R. Orlovskaia. Mat. po ist. fauny i flory Kazakh. 3:120-162 '61.

ALMA-ATA PROVINCE—TRANSPORTATION, AUTOMOTIVE

Follow the course of the beacon lights. I. Shaizhanov. Avt. transp. 39 no. 6:5-6 Je '61.

ALPHA RAYS

Alpha-decay of the isomer Bi^{210m} [with summary in English]. L. I. Rusinov and others. Zhur. eksp. i teor. fiz. 40 no. 4:1007-1015 Ap '61.

Dosimetry in external alpha irradiation. G. B. Radzievskii. Radiobiologiia 1 no. 1:141-148 '61.

Optimum operating conditions of a DA-55 installation for alpha-particle counting. D. M. Mambetov. Izv. AN Kir. SSR. Ser. est. i tekh. nauk 3 no. 1:147-152 '61.

Probability ratio of α-decay and E-capture for the isotopes $Po^{200, 201, 203}$. B. N. Beliaev, A. V. Kaliamin, A. N. Murin. Izv. AN SSSR. Ser. fiz. 25 no. 7:874-878 Jl '61.

Reduced derived width $\delta \frac{2}{l}$ for Po isotopes. B. N. Beliaev, A. V. Kaliamin, A. N. Murin. Izv. AN SSSR. Ser. fiz. 25 no. 7:879-881 Jl '61.

Total ionization produced by α-particles in gaseous mixtures. G. E. Kocharov. Izv. AN SSSR. Ser. fiz. 25 no. 7:862-865 Jl '61.

ALPHA RAYS—DECAY

Relative probabilities of α-decay to the rotational levels of nonaxial even-even nuclei [with summary in English]. V. S. Rostovskii. Zhur. eksp. i teor. fiz. 40 no. 5:1411-1417 My '61.

ALPHA RAYS—SCATTERING

Elastic scattering of 10 - 15 mev. α-particles on gold and aluminum [with summary in English]. M. P. Konstantinova and others. Zhur. eksp. i teor. fiz. 41 no. 1:49-51 Jl '61.

ALPINE FLORA see subdivision under Georgia

ALTAI MOUNTAINS—DRAGONFLIES

Vertical limits of dragonfly distribution in the Altai Mountains [with summary in English]. B. F. Belyshev. Zool. zhur. 40 no. 7:1103-1101 Jl '61.

ALTAI TERRITORY—EDUCATION, PRESCHOOL

On the state and collective farms of the Altai Territory. V. Z. Shutilina. Doshk. vosp. 31 no. 7:9-10 Jl '61.

ALTAI TERRITORY—GRAIN ELEVATORS

Pioneers of the future in the Altai. Construction and installation administration. A. Moerson. Muk.-elev. prom. 27 no. 7:3-4 Jl '61.

ALTAI TERRITORY—LIBRARIES

In the virgin lands. F. Likhovid. Bibliotekar' no. 7:8-11 Jl '61.

Lighthouses of the Altai are all aglow. K. Vladimirskii. Bibliotekar' no. 7:1-7 Jl '61.

ALTAI TERRITORY—RESTAURANTS, LUNCHROOMS, ETC.

New features in the life of agricultural laborers in the Altai Territory. A. Kondrashina, N. Makarov. Agitator no. 15:53-56 Ag '61.

ALTATA RIVER—DAMS

Inundable bridge-dam on the Altata River. A. V. Tolmachev. Gidr. i mel. 13 no. 7:51-54 Jl '61.

ALTERNATING CURRENTS see Electric currents, Alternating

ALTIMETER

Calculating the correction scale for optical altimeters with a curved reticule of altitude lines. L. A. Romanov. Trudy TSNIIGAIK no. 135:85-87 '60.

AL'TMAN, ALEKSANDR L'VOVICH, 1896-

Aleksandr L'vovich Al'tman on his 65th birthday. Zhur. nevr. i psikh. 61 no. 5:787 '61.

ALUM

Anisotropy of the rate of decomposition of solids. Part 1. Anisotropy of the rate of dehydration of potash alum [with summary in English]. V. V. Boldyrev, IU. A. Zakharov. Zhur. fiz. khim. 34 no. 2:446-451 F '60.

ALUMINA—SPECTRA

Electron paramagnetic resonance in irradiated aluminum oxide. V. B. Kazanskii, IU. I. Pecherskaia. Zhur. fiz. khim. 34 no. 2:477 F '60.

ALUMINOSILICATES

Effect of gamma rays on the catalytic activity of plantinized aluminosilicate. Kh. M. Minachev, M. A. Markov, IU. S. Khodakov. Izv. AN SSSR. Otd. khim. nauk no. 7:1227-1230 Jl '61.

Means of reducing the consumption of reagents in the production of a spherical aluminosilicate catalyst. A. Kh. Agaronov. Khim. i tekh. topl. i masel 6 no. 6:11-15 Je '61.

Polymerization of the propane-propylene fraction in the presence of an aluminosilicate catalyst with chromium oxide added. G. M. Panchenkov, Ch. S. Kan'yev, Sia TSze-chzhi [Hsia Tsê-chih]. Izv. AN Turk. SSR. Ser. fiz.-tekh., khim. i geol. nauk no. 3:97-101 '61.

ALUMINUM

Enameling jewelry made of aluminum. N. M. Pavlushkin, A. K. Zhuravlev, S. I. Pitingon. Stek. i ker. 18 no. 7:35-37 Jl '61.

Oxidation of triphenylaluminum and phenyllithium. G. A. Razuvaev, E. V. Mitrofanova, G. G. Petukhov. Zhur. ob. khim. 31 no. 7:2343-2347 Jl '61.

Reactions of triethylaluminum and triphenylaluminum with benzoyl peroxide in benzene solution. G. A. Razuvaev, E. V. Mitrofanova, G. G. Petukhov. Zhur. ob. khim. 31 no. 7:2340-2343 Jl '61.

ALUMINUM—ANALYSIS

Aluminum in human milk [with summary in English]. L. S. Dinevich. Vop. pit. 19 no. 2:76-80 Mr-Ap '60.

Colorimetric determination of titanium in aluminum and magnesium by means of dianthpyrylmethane. V. A. Zinchenko, S. I. Rudina. Zav. lab. 27 no. 8:956-958 '61.

Determination of titanium traces in pure aluminum with salicylohydroxamic acid. I. P. Alimarin, N. P. Borzenkova, N. A. Zakarina. Zav. lab. 27 no. 8:958-960 '61.

Rapid photocolorimetric determination of aluminum in copper-zinc alloys. V. F. Mal'tsev, L. P. Luk'ianenko, D. M. Kukui. Zav. lab. 27 no. 7:807-808 '61.

ALUMINUM—ISOTOPES

Yield curves of fast photoneutrons from C^{12} and Al^{27} [with summary in English]. V. Prosperin, L. A. Kul'chitskii. Zhur. eksp. i teor. fiz. 41 no. 1:60-63 Jl '61.

ALUMINUM—WELDING

Welding aluminum and its alloys with steel. G. A. Bel'chuk, D. IA. Giuskin, N. A. Fedorov. Trudy LKI no. 20:257 '59.

ALUMINUM ALCOHOLATES

Production of alkylphenols by means of a rearrangement of alkylaeyl aluminates V K Kuskov, V I Sushchenia Zhur. ob khim 31 no. 7 2398-2401 Jl '61

ALUMINUM ALLOYS

Golubev, A. I. [Anodic oxidation of aluminum alloys] Anodnoe okislenie aliuminievykh splavov. Moskva, Izd-vo Akad. nauk SSSR, 1961. 198 p.

New aluminum alloy for die casting I. I Sidorin, V I Silaeva Izv vys ucheb zav , mashinostr. no 6 129-136 '61

ALUMINUM ANTIMONIDE—ELECTRIC PROPERTIES

Thermoelectric properties of solid solutions of the system AlSb--GaSb I I Burdian, IA. A. Rozneritsa, G I Stepanov Fiz. tver tela 3 no. 6 1879-1882 Je '61

ALUMINUM BRONZE—TESTING

Studying cavitation erosion of aluminum bronzes with a magnetostrictive oscillator V V Gavranek Trudy KhPI 21 Ser met. no. 4 3-16 '59

ALUMINUM CHLORIDE

Polymeric character of 5/6 basic aluminum chloride and the possibility of a higher basicity of aluminum hydroxychlorides. E. A. Levitskii, V N Maksimov, I. IU Marchenko. Dokl. AN SSSR 139 no 4 884-887 Ag '61.

Reaction of aluminum chloride with dialkylcyclosiloxanes A. A. Zhdanov, K A. Andrianov, A. A. Bogdanova Izv AN SSSR Otd khim nauk no 7-1261-1266 Jl '61.

ALUMINUM CRYSTALS—GROWTH

Growing aluminum single crystals. N. N. Kalinina. Izv. AN Kir SSR Ser. est. i tekh. nauk 3 no. 1.157-162 '61.

ALUMINUM CRYSTALS—TESTING

X-ray diffraction study of cavitation erosion of aluminum single crystals V. V Gavranek, D N Bol'shutkin. Trudy KhPI 21 Ser. met no. 4-17-22 '59

ALUMINUM HALIDES

Organosilicon compounds with hydrocarbon bridge bonds between silicon atoms Report No. 2 Reaction with aluminum halides V M Vdovin, K. S Pushchevaia, A. D Petrov. Izv AN SSSR Otd khim. nauk no 7 1275-1279 Jl '61

ALUMINUM HYDROXIDE

Effect of the admixture of titanium oxides and silicon on the rate of aluminum hydroxide leaching V A. Dereviankin, S I. Kuznetsov, O K. Shabalina Zhur. prikl khim. 34 no. 7 1456-1461 Jl '61

ALUMINUM-NICKEL ALLOYS see Nickel-aluminum alloys

ALUMINUM OXIDES

Chemosorption of isopropyl alcohol on mixed γ-Al_2O_3-based catalysts A. M. Rubinshtein, K I. Slovetskaia, T. R. Brueva. Dokl AN SSSR 139 no. 3;626-629 Jl '61

Heat of wetting aluminum oxides by benzene, cyclohexane, and cyclohexene solutions in n-heptane. I. V Smirnova, A. A. Kubasov, K V. Topchieva Dokl. AN SSSR 139 no. 1;150-153 Jl '61.

ALUMINUM PHOSPHATES

Using aluminum phosphate compositions as a heatproof binder for cementing building materials. M. A. Matveev, A. I. Rabukhin. Ogneupory 26 no. 6;281-285 '61.

ALUMINUM SULFATE

Defluorination of water by aluminum sulfate. A. I. Derevianko, K V. Masal'skaia. Vod. i san. tekh. no 3;

AMATEUR RADIO STATIONS

Brief news. Radio no 4 42 Ap '61.

CQ SSB. Radio no. 5-30 My '61.

This is K T S TSI I. Lifshits. Sem'ia i shkola 16 no 5;27-28 My '61

Work on QRP. V. Novozhilov, A. Sheshin. Radio no. 5-31 My '61.

AMATEUR THEATRICALS

(see also subdivision under Ivanovo)

Our people deserve this O. Kolchina. Teatr 22 no 7-66-70 Jl '61

AMBINANITELO, MADAGASCAR

Fiedler, Arkady. [Hot village of Ambinanitelo. Abridged translation from the Polish] Goriachee selenie Ambinanitelo. [Moskva] Molodaia gvardiia, 1959. 213 p.
(IEN)

AMERICAN INVESTMENTS see Investments, American

AMERICAN MEDICAL ASSOCIATION

Reactionary role of the leaders of the American Medical Association. I D Bogatyrev Zdrav Ros Feder 5 no. 7;35-39 Jl '61.

AMERICAN PERIODICALS

Abstracts of articles published in the American periodical "Technology and culture," nos. 1-2, 1960. Vest ist. mir. kul't. no. 3 127-147 My-Je '61.

AMERICANS IN FOREIGN COUNTRIES

In the "free world". The "harmless American" abroad. Nov. vrem 19 no. 34;23-24 Ag '61.

AMERICANS IN RUSSIA

Harold Ware, a friend of Soviet Russia G. IA. Tarle. Ist. SSSR 5 no. 4 122-131 Jl-Ag '61

AMERICIUM

Extraction of americium with tributyl phosphate. V. I. Zemlianukhin, G. P. Savoskina. Radiokhimiia 3 no. 4. 411-416 '61.

AMERICIUM—ISOTOPES

Spontaneous fission of Am^{241} [with summary in English], V A Druin, V. L Mikheev, N K. Skobelev Zhur eksp. i teor fiz 40 no. 5,1201-1262 My '61.

AMERICIUM COMPOUNDS

Ion exchange method for the determination of the composition and instability constants of Am^{III} and Cm^{III} lactate complexes. I. A. Lebedev, G. N. IAkovlev. Radiokhimiia 3 no. 4;455-457 '61.

AMIDES

Alkanesulfonic acids. Part 24. Acetylation of some N-aryl amides of alkanesulfonic acids in the presence of aluminum chloride A. G. Kostsova, N. N. Tkachenko, I. I Evseeva. Zhur ob khim. 31 no 7 2241-2246 Jl '61.

Photochemical changes of dyes in amide media [with summary in English]. Kh. L. Arvan, N. V. Ivanova. Zhur. fiz. khim. 35 no. 6;1216-1218 Je '61.

AMIDES—SPECTRA

Spectroscopic study of the molecular structure of amide hydrochlorides [with summary in English] B. I Sukhorukov. Zhur. fiz. khim 35 no. 7.1600-1605 Jl '61.

AMIDINES

N^1-diaroxyphosphinyl-N^2 [N^3 -arylthiocarbaminyl)arenamidines [N^1-aryl-N^2 (N^3 -diaroxyphosphinyliminoaroyl) thiourea] G. I. Derkach, V. A. Shokol, A. V. Kirsanov. Zhur. ob. khim. 31 no. 7;2275-2282 Jl '61.

AMINES

Diazo compounds. Part 13: Diazotization of aromatic amines with nitrite in an acetic acid solution and its substituted compounds. V. V. Kozlov, B I. Belov. Zhur. ob. khim. 31 no. 7;2206-2211 Jl '61.

Diazo compounds. Part 14: Diazotization of aromatic amines with nitrite in solutions of saturated carboxylic acids. B. I. Belov, V. V. Kozlov. Zhur. ob khim. 31 no. 7;2212-2217 Jl '61.

Diazo compounds. Part 15: Diazotization of aromatic amines with nitrite in oxycarboxylic acids V. V. Kozlov, B. I. Belov. Zhur. ob khim. 31 no. 7;2217-2221 Jl '61.

Extraction of nitric acid and uranyl nitrate with tri-n-nonylamine and tri-n-decylamine benzene solutions. V. M. Vdovenko, M. P. Koval'skaia, E. A. Smirnova. Radiokhimiia 3 no. 4;403-410 '61.

Interaction between dichloripyrotartaric acid and primary aromatic amines. I. F. Spasskaia, V. S. Etlis. Zhur. ob. khim. 31 no. 7;2408-2410 Jl '61.

Investigation of binary nonaqueous liquid systems by the emf method. Part 1: Systems composed of acetic acid and amines [with summary in English]. F. N. Kozlenko, S. P. Miskidzh'ian. Zhur. fiz. khim. 34 no. 2;349-355 F '60.

Mechanisms of radical reactions. Part 6: Mechanism of the reaction between benzoyl peroxide and amines [with summary in English]. R I. Militutinskaia, Kh S Bagdasarian. Zhur. fiz. khim. 34 no 2;405-412 F '60

Mechanism of the extraction of tetravalent plutonium from sulfuric acid solutions with primary alkylamines. V. M. Vdovenko, A. A. Lipovskii, S. A. Nikitina. Radiokhimiia 3 no 4;396-402 '61.

Medium and reactivity Part 7. Kinetics of the reaction of aromatic amines with benzoyl chloride in mixtures of benzene and acetic acid L. M. Litvinenko, D. M Aleksandrova Ukr. khim zhur. 27 no 4 487-494 '61

Medium and reactivity. Part 8: Kinetics of the acylation of aromatic amines with acetic anhydride and benzoyl chloride in benzene with chloroacetic acid additions L. M. Litvinenko, D. M. Aleksandrova, S. F Prokopovich. Ukr khim zhur 27 no. 4;494-502 '61.

Physicochemical analysis in solutions and calculation of the reaction yield. Part 6: Reaction of acetic acid and its chloro-substituted derivatives with aromatic amines (from electric conductivity data) N A Izmailov, M. Ia TSarevskaia Ukr khim zhur 27 no. 1 137-442 '61

Study of complexing in nonaqueous solutions. Part 5 Hydration of trihexylamine nitrate in benzene. V. M. Vdovenko, B. IA. Galkin, A. A. Chalkhorskii. Radiokhimiia 3 no. 4,448-454 '61.

AMINO ACIDS

Active effect of amino acids on cardiac activity [with summary in English] T. A. Brakoh. Vop pit. 19 no. 2 41-42 Mr-Ap '60

Amino acid composition of forage proteins [with summaries in English, German, and French] N. A. Shmanenkov, E G. Savran, N. G. Shanygina Vest sel'khoz. nauki 6 no. 7,54-58 Jl '61.

Cancerolytic peptides having specific action. Report No 3. N-[p-di(2-chloroethyl)-aminophenacetyl] and N[p-di(2-chloroethyl)-aminophenylbutyl] amino acids K. L Karpavichus and others Izv AN SSSR, Otd. khim nauk no 7 1299-1303 Jl '61

Catalytic action of amino acids and amines in organic reactions Part 3 Kinetics and mechanism of the formation and decomposition of benzalmalonic esters in the presence of amino acids A. A IAunikov, E. M. Gaivoronskaia Ukr. khim. zhur 27 no. 1 506-516 '61

Comparative amino acids content of casein of milk from certain animal species [with summary in English]. P Y Kugenev, M. N. Medvedeva. Vop. pit. 19 no. 2-43-44 Mr-Ap '60.

Derivatives of adenosine-2'-phosphoamino acid IU. P. Shvachkin, M. T. Azarova, M A. Prokof'ev. Zhur ob khim. 31 no. 7 2107-2112 Jl '61.

Determination of free amino acids in blood serum of healthy subjects. E. I. Atakhanov, A. M. Kharat'ian. Lab. delo 7 no. 6-13-18 Je '61.

Formation of cyclophosphate in the adenosine-2'-phosphoamide series. IU P. Shvachkin, M. T. Azareva, M A. Prokof'ev. Zhur. ob. khim. 31 no. 7-2112-2114 Jl '61

Qualitative composition and amounts of free amino acids in lupine plants. A. V Mironenko, G. I Spiridonova Biul. Inst biol AN BSSR no. 5 181-185 '60

AMMIACEAE

Characteristics of the development of embryos in seeds of some plants of the carrot family. O. A. Denisova Dokl AN SSSR 139 no. 4;999-1000 Ag '61.

Paper chromatographic study of the carbohydrate composition of fruit in plants of the carrot family (Umbelliferae) I. S. Kozhina. Trudy Bot. inst. Ser. 6 no. 6-40-42 '61.

AMMONIA

Chromatographic method for determining the structure of coördination polymer compounds. A. A Grinberg, L. E. Nikol'skaia, G. A. Shagisultanova. Zhur. neorg khim 6 no. 7;1497-1500 Jl '61.

Kinetics of the reaction between ammonia and ozone, dissolved in carbon tetrachloride [with summary in English] S. I. Papko. Zhur. fiz. khim. 34 no. 2;387-394 F '60

Oxidation of ammonia aqueous solutions with oxygen at 320°. L. Pika. Zhur. prikl. khim. 34 no. 7;1621-1622 Jl '61.

AMMONIA—PHYSIOLOGICAL EFFECT

Stimulating effect of some monovalent ions on intestinal receptors; general characteristics of the effects and disposition of the cation series. L. A. Baraz. Dokl. AN SSSR 139 no. 1;234-237 Jl '61.

AMMONIA AS FERTILIZER

Emel'ianov, I. I., and P. K. Klopa. [Economic effectiveness of using ammonia water] Ekonomicheskaia effektivnost' primeneniia ammiachnoi vody. [Tula] Tul'skoe knizhnoe izd-vo, 1960. 34 p. (Bibliotechka polevoda)
(DA)

AMMONIUM CHLORORUTHENATE

Oxidation of ammonium nitrosopentachlororuthenate with potassium periodate. A. A. Gorlunov, L. L. Sveshnikova. Zhur. neorg. khim. 6 no. 7;1543-1551 Jl '61.

AMMONIUM COMPOUNDS

Adsorption of tetraalkylammonium cations on mercury [with summary in English]. B. B. Damaskin, N. V. Nikolaeva-Fedorovich. Zhur. fiz. khim. 35 no. 6: 1279-1288 Je '61.

Formation of polymethyleneammonium rings. Part I. Synthesis and transformations of some esters of diphenylacetic acid. S. G. Kuznetsov, D. V. Ioffe. Zhur. ob. khim. 31 no. 7: 2289-2297 Jl '61.

Synthesis of tetra-n-butyl ammonium iodide. A. G. Pozdeeva. Zhur. prikl. khim. 34 no. 7: 1632-1633 Jl '61.

AMMONIUM SULFATE

Using ammonium sulfate to intensify the melting of glass. F. D. Didenko. Stek. i fer. 18 no. 6: 33-34 Je '61.

AMMONOIDEA

(see also subdivision under Ganza, Cape, Orulgan Range; Taymyr Peninsula)

Aptychuses; survey of the literature. V. V. Drushchits. Biul. MOIP. Otd. geol. 36 no. 2: 138-139 Mr-Ap '61.

AMORTIZATION

(see also subdivision under United States)

Planning and utilization of amortization deductions. A. V. Izosimov. Zhel. dor. transp. 43 no. 6: 11-15 Je '61.

AMPHIBIA—EMBRYOLOGY see Embryology—Amphibia

AMPHIBOLES see subdivision under Siberia, Eastern

AMPHIBOLITE see subdivision under Vishnevaya Mountain

AMPHIPODA see subdivision under Baikal, Lake

AMPLIFIERS, ELECTRON-TUBE

Ergils, K. E., and I. P. Stepanenko. [Electronic amplifiers] Elektronnye usiliteli. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 487 p.

AMPLIFIERS (ELECTRONICS)

Computing amplifiers. D. N. Asmakov, V. P. Stepanov. Vest. protivovozd. obor. no. 3: 20-24 Mr '61.

Concerning the coefficient of stability of a selective amplifier. D. N. Shapiro. Elektrosvyaz' 15 no. 6: 71-72 Ag '61.

Design of automatic devices with nonlinear elements by a method which involves the alignment of characteristics. S. P. Kolosov. Izv. vys. ucheb. zav., elektromekh. 4 no. 4: 94-104 '61.

Dynamic wide-band video amplifier. V. M. Volkov. Radiotekhnika 16 no. 8: 33-40 Ag '61.

Investigating the possibility of various frequency signal amplification based on the Hall effect. S. Sukhanov. Izv. AN Turk. SSR. Ser. fiz.-tekh., khim. i geol. nauk no. 3: 10-16 '61.

Method for constructing amplitude and phase frequency characteristics using a generalized family of logarithmic characteristics [with summary in English]. D. E. Polonnikov. Avtom. i telem. 22 no. 6: 739-747 Je '61.

Transient processes in a two-circuit parametric amplifier. Iu. A. Il'inskii, M. D. Karasev. Radiotekh. i elektron. 6 no. 8: 1397-1400 Ag '61.

Two-channel amplifier. V. Moshchakov. Radio no. 5: 34-36 My '61.

AMU DARYA VALLEY—FOREST INSECTS

Injurious insect fauna of oleaster in the tugai forests of Central Asia and Kazakhstan [with summary in English]. Iu. V. Sinadskii. Zool. zhur. 40 no. 7: 1019-1029 Jl '61.

AMU DARYA VALLEY—GEOLOGY, STRATIGRAPHIC

History of the old Amu Darya. N. A. Naginskii, G. I. Amurskii. Izv. vys. ucheb. zav., geol. i razv. 3 no. 6: 32-37 Je '60.

AMU DARYA VALLEY—SOIL PHYSICS

Moisture relationships and physical properties of irrigated meadow soils in the Amu Darya Valley. I. S. Rabochev. Izv. AN Turk. SSR. Ser. biol. nauk no. 2: 21-29 '61.

AMUR CORK TREE

(see also subdivision under Siberia, Western)

Seeding the Amur cork tree on experimental forest plots. D. S. Trukhanovskii. Biul. Inst. biol. AN BSSR no. 5: 79-81 '60.

AMUR RIVER—AQUATIC PLANTS

Description of the aquatic vegetation of the lower Amur River. V. V. Pis'iaukova. Uch. zap. Ped. inst. Gerts. 178: 37-47 '59.

AMUR VALLEY—AGRICULTURAL GEOGRAPHY

Relief of the Amur Basin and its importance for agriculture. Din Si-chzhi, V. V. Nikol'skaya. Biul. MOIP. Otd. geol. 36 no. 2: 140-141 Mr-Ap '61.

AMUR VALLEY—CUCKOOS

Reproduction of the Indian cuckoo (Cuculus micropterus Gould) in the Amur region. I. A. Neifel'dt. Ornitologiia no. 2: 192-195 '59.

AMUR VALLEY—PHYSICAL GEOGRAPHY

New works on the physical geography of the Amur Valley. V. P. Chichagov. Izv. Vses. geog. ob-va 93 no. 4: 357-359 Jl-Ag '61.

AMYLASE

Determining the hardness of wheat bread by the action of β-amylase on bread starch. R. G. Rakhmankulova, Z. F. Falunina. Izv. vys. ucheb. zav., ptshch. tekh. no. 2: 129-133 '60.

ANABAR BAY REGION—DIPTERA

Complex of synanthropous dipterans in the arctic tundras of Yakutia. Iu. I. Chernov. Nauch. dokl. vys. shkoly, biol. nauki no. 3: 35-38 '61.

ANABAR BAY REGION—LAMELLIBRANCHIATA, FOSSIL

The oldest upper Jurrasic Aucella from the region of the Anabar Bay. N. S. Voronets. Trudy NIIGA 111: 131-135 '60.

ANABASINE

Physicochemical properties of complex compounds of cadmium halides with anabasine. M. K. Aliavita. Zhur. neorg. khim. 6 no. 7: 1604-1611 Jl '61.

Resistance of some types of soil micro-organisms to the action of anabasine [with summary in English]. G. M. Konobeeva. Mikrobiologiia 29 no. 2: 234-237 Mr-Ap '60.

Synthesis and thermographic analysis of complex compounds of cadmium halides with anabasine. M. K. Aliavita, L. M. Zaitsev. Zhur. neorg. khim. 6 no. 7: 1599-1603 Jl '61.

ANABASIS (BOTANY)

Geobotanical characteristics of Anabasetia salsae communities. L. A. Kuznetsov. Uch. zap. Ped. inst. Gerts 178: 119-144 '59.

ANALEPTICS

Effect of cytiton and Thermopsis tincture on the emetic effect of apomorphine under clinical and experimental conditions [with summary in French]. A. V. Zav'ialov, V. I. Nikolaev. Zhur. nevr. i psikh. 61 no. 3: 439-445 '61.

ANALOGIES, ELECTROMECHANICAL see Electromechanical analogies

ANALYSIS (CHEMISTRY) see Chemistry, Analytical

ANALYSIS, CHROMATOGRAPHIC see Chromatographic analysis

ANALYTIC FUNCTIONS see Functions, Analytic

ANALYTICAL MECHANICS see Mechanics, Analytic

ANATOMY, HUMAN—STUDY AND TEACHING

Activation of the educational process in human anatomy and physiology classes. N. A. Veprikova. Biol. v shkole no. 3: 32-35 My-Je '61.

Ways to activate the educational process during the lessons on human anatomy and physiology. E. P. Brunovt. Biol. v shkole no. 4: 26-30 Jl-Ag '61.

ANCIENT HISTORY see History, Ancient

ANDESITES see subdivision under Kazbek Mountain

ANDREEV, VASILII VASIL'EVICH, 1861-1918

How fascinating these balalaikas are. A. Eisymont. Starsh.-sekr. zh. no. 1: 30 Ja '61.

ANDRIUKHINA, MARIIA FEDOROVNA

Work of a hero. A. Kravtsov. Okhr. truda i sots. strakh. 4 no. 6: 29-30 Je '61.

ANEMIA

Treatment of pernicious anemias and anemias similar to them. IA. E. Shapiro. Fel'd. i akush. 26 no. 6: 22-26 Je '61.

ANEMOMETER

Effect of the frequency of supply voltage on the performance of the magnetosynchrotransmission of the M-48 anemorhumbometer. Iu. A. Rozanov. Trudy NIIGMP no. 9: 60-63 '60.

The M-48 anemorhumbometer. D. IA. Surazhskii. Trudy NIIGMP no. 9: 3-16 '60.

ANEMONES

Materials on the cultivation of garden anemones. I. D. Medzmariashvili. Trudy Sukh. bot. sada no. 12: 313-336 '59.

ANESTHESIA (ELECTRIC) see Electric anesthesia

ANESTHESIA IN OBSTETRICS

Anesthesia in labor. M. A. Petrov-Maskalov. Sov. zdrav. 20 no. 6: 9-16 '61.

ANESTHESIOLOGY

Use of neuroplegia in anesthesiology. V. A. Kovanov, G. I. Lukomskii, N. A. Tikhonova. Vest. AMN SSSR 16 no. 3: 77-87 '61.

ANEURYSMS

Treatment of patients with chronic aneurysm of the heart in local sanatoriums. G. M. Natishtut. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 3: 233-238 My-Je '61.

ANEURYSMS, AORTIC see Aortic aneurysms

ANGARA RIVER—ALLUVIAL PLAIN

The Angara flood plain. V. M. Botarkin. Trudy Irk. un. 24: 3-19 '58.

ANGARA VALLEY—HYDROELECTRIC POWER STATIONS

Tychinin, V. V. [Angara's third step] Tret'ia stupen' Angary; ocherk. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1960. 43 p. (Rasskazy o nashikh stroikakh)

ANGARA VALLEY—ROCKS, IGNEOUS

Materials on the petrography of traps in the region of the Badarma narrowing (Angara River). G. D. Feoktistov. Trudy Vost.-Sib. fil. AN SSSR no. 16: 129-138 '61.

ANGARA VALLEY—SAND

Sands of the Angara Valley. V. M. Botarkin, A. D. Ivanov. Trudy Irk. un. 21: 21-36 '58.

ANGELICA

Notes on Angelica tatianae E. Bordz. [in Georgian with summary in Russian]. R. I. Gagnidze. Zam. po sist. i geog. rast. no. 22: 27-33 '61.

ANGIOCARDIOGRAPHY

Role of angiocardiography in the diagnosis of tricuspid stenosis [with summary in English]. Iu. S. Petrosian, A. D. Levant. Vest. rent. i rad. 36 no. 3: 10-13 My-Je '61.

ANGOLA

Fighting Angola. V. Sidenko. Nov. vrem. 10 no. 28: 19-20 Jl '61.

ANGOLA—ECONOMIC CONDITIONS

People's war in Angola. L. Korneev. Az. i Afr. segs. no. 7: 18-20 Jl '61.

ANGOLA—POLITICS AND GOVERNMENT

Blood is shed in Angola. Az. i Afr. segs. no. 4: 55 Ap '61.

Bloody agony of colonialism. Ogonek 39 no. 23: 29 Je '61.

Just struggle of the people of Angola. Kul't. i zhizn' 5 no. 7: 1 '61.

National liberation movement in Angola. Mezhdunar. zhizn' 8 no. 8: 138-139 Ag '61.

ANGULAR MOMENTUM (NUCLEAR PHYSICS)

Angular correlations in inelastic scattering of high-energy nucleons [with summary in English]. G. L. Vysotskii. Zhur. eksp. i teor. fiz. 40 no. 5: 1399-1403 My '61.

ANHYDRITE see subdivision under Shebelinka region

ANILIDES

Quinones. Part 37: Condensation of p-benzoquinone with anilides of β-aminocrotonic acids. A. N. Grinev and others. Zhur. ob. khim. 31 no. 7: 2303-2306 Jl '61.

ANILINE

Alkylated amines of the aromatic series. Part 4: Role played by the steric factor in quaternization reactions of dimethyl- and diethylaniline. N. V. Khromov-Borisov, N. A. Zakharova. Zhur. ob. khim. 31 no. 7: 2270-2274 Jl '61.

ANILINE—SPECTRA

Band frequencies of H-N stretching vibrations and the reactivity of amines. Part 2: Polynuclear derivatives of aniline. E. V. Titov and others. Ukr. khim. zhur. 27 no. 4: 481-486 '61.

ANIMAL BEHAVIOR see Animals, Habits and behavior of

ANIMAL INTRODUCTION

(see also subdivision under Ukraine)

Some general problems and results achieved in acclimatizing terrestrial animals [with summary in English]. A. A. Nasimovich. Zool. zhur. 40 no. 7: 957-970 Jl '61.

[illegible] 50 p.

ANIMAL MECHANICS

Nature as builder. Nauka i zhizn' 28 no. 6: 48 Je '61.

ANIMAL MIGRATION

Interesting case of the migration of the bat Vespertilio murinus L. [with summary in English]. A. N. Kuroskov. Zool. zhur. 40 no. 7: 1108-1109 Jl '61.

ANIMAL PHOTOGRAPHY see Photography of animals

ANIMAL PICTURES

Karel Hajek's hobby. K. Cherevkov. Ogonek 39 no. 28: 32 Jl '61.

ANIMAL TRIALS AND PUNISHMENT see Animals, Prosecution and punishment of

ANIMALS, DOMESTICATION OF see Domestication

ANIMALS, EXTINCT see Extinct animals

ANIMALS, FOOD HABITS OF
Feeding of the pine marten near Arkhangel [with summary in English] V IA Parovshchikov Zool zhur 40 no 7 1112-1115 Jl '61

ANIMALS, HABITS AND BEHAVIOR OF
Notes of a naturalist IUn nat no 7 38-39 Jl '61

ANIMALS, MOVEMENT OF see Animal mechanics

ANIMALS, PROSECUTION AND PUNISHMENT OF
The trials of insects M IA Ukraina no 15:32 Ag '61

ANION EXCHANGE
Absorption of uranyl nitrate from organic solvents with the help of anion exchange resins V M Vdovenko, A A Lipovskii M G Kuzina Radiokhimiia 3 no 3 365-371 '61

ANIONS
Interaction of oxygen with the anions absorbed on platinum from solution V E Kazarinov, N A Balashova Dokl AN SSSR 139 no 3 641-644 Jl '61

ANISOTROPY
Forced anisotropy V. V. Zamkov. Vest. Mosk. un. Ser. 3 Fiz., astron 16 no 3 19-23 My-Je '61.
Microstructural strains resulting from thermal anisotropy V A Likhachev Fiz tver tela 3 no 6 1827-1831 Je '61.

ANNIVERSARIES
Brief notes on important matters Az i Afr segodnia no 7 64 Jl '61
Noteworthy dates. Nar. obr. no. 8, 110-111 Ag '61.

ANOXEMIA
Effect of protective agents and hypoxia on the formation of organic peroxides E F Romantsev, Z I Zhulanova Radiobiologiia 1 no 1 73-77 '61
Use of oxygen in various hypoxic states V A Kozyrev Fel'd i akush 26 no 7 26-29 Jl '61

ANTARCTIC REGIONS—ATMOSPHERIC TEMPERATURE
Relation between the air temperature at the Mirnyy Station and intracontinental stations L V Dolganov Inform biul Sov. antark. eksp no 27 14-17 '61

ANTARCTIC REGIONS—BIRDS—HABITS AND BEHAVIOR
Wind, relief, and ecological characteristics of birds in Antarctica. E. E. Syroechkovskii. Ornitologiia no. 2: 282-288 '59.

ANTARCTIC REGIONS—FORAMINIFERA
Quantitative distribution of benthic foraminifers in Antarctica. Kh M Saidova Dokl AN SSSR 139 no 4 967-969 Ag '61

ANTARCTIC REGIONS—GEOLOGY, STRATIGRAPHIC
Quaternary deposits of Antarctica P S. Voronov Inform biul Sov antark eksp no 26 5-8 '61

ANTARCTIC REGIONS—GLACIOLOGICAL RESEARCH
Glaciological studies of the Fourth Antarctic Expedition, 1959. B. A. Savel'ev. Biul. MOIP. Otd. geol. 36 no. 2 135-136 Mr-Ap '61.

ANTARCTIC REGIONS—ICEBERGS
The "polished" iceberg V L. Lebedev. Inform. biul. Sov antark eksp no 26 45-47 '61.

ANTARCTIC REGIONS—MAPS
Mapping plans for 1961 in Ants[illegible] nts.

ANTARCTIC REGIONS—PHYTOPLANKTON
Phytoplankton of Antarctic waters in the fishing area of the "Slava" Antarctic Whaling Fleet in 1957-1958, preliminary communication O I Ivanov Nauk zap Od biol sta no 1, 151-155 '59

ANTARCTIC REGIONS—RADIO
Some specific features of radio communication in Antarctica IA P Baranov Inform biul Sov antark eksp no 26 39-41 '61

ANTARCTIC REGIONS—RUSSIAN EXPLORATION
Radio messages from Antarctica Inform biul Sov. antark eksp no 26 12-14 '61
Radio messages from Antarctica Inform biul Sov antark eksp no. 27 10-11 '61.

ANTARCTIC REGIONS—SEA ICE
Density and salinity of Antarctic sea ice M I Serikov Inform biul Sov antark eksp no 27 25-27 '61

ANTARCTIC REGIONS—SNOW
Snow shavings IU A Kruchinin Inform biul Sov antark eksp no 27 15-16 '61

ANTARCTIC REGIONS—SNOW SURVEYS
First results of drifting snow measurements by the use of the "Cyclone" drifting snow meter L S Govorukha, L F Kitpichev Inform. biul Sov antark. eksp no. 26 22-25 '61
Indications of seasonal depositions of snow in the central regions of Antarctica V M Kotlakov. Inform biul Sov antark eksp. no 26 15-18 '61.

ANTARCTIC REGIONS—SUBMARINE TOPOGRAPHY
Using the drift of icebergs in studying the relief of the Antarctic shelf. P. S Voronov, IA P. Koblents. Inform biul Sov antark eksp. no 27 9-13 '61

ANTARCTICA (SHIP)
A new research ship on the Caspian Sea V. M. Zhirnov. Biul Okean kom. no 6 68 '60.

ANTENNAS (ELECTRONICS)
Concerning a certain method for determining the losses in an antenna IU. V. Pavlov. Radiotekhnika 16 no. 7 20-22 Jl '61
Concerning the synthesis of an antenna with a circular aperture B M Minkovich, IU I Davidchevskii Radiotekh i elektron. 6 no 8:1385-1386 Ag '61.
Electromagnetic field and current distribution along an infinite insulated wire in a conductive medium. P P. Pavlov Radiotekh i elektron 6 no. 8 1293-1307 Ag '61
System for studying the directional properties of antennas V D Kuznetsov, V. K Paramonov Radiotekhnika 16 no 8 25-32 Ag '61.
Transistorized antenna indicator I Shkul'tetskii Radio no 4 41 Ap '61

ANTENNAS, RADIO see Radio—Antennas

ANTHRACENE—SPECTRA
Effect of fluorescence quenchers on fluorescence spectra of solutions containing certain derivatives of anthracene and phthalimide in mixed solvents. A S Cherkasov Dokl AN SSSR 139 no 3 658-661 Jl '61

ANTHRAQUINONE
Preparation of 1-methylanthraquinone by diene synthesis. V. L Plakidin, V. IA. Fain, V I. Trunov-Krasovskii Zhur. prikl. khim. 34 no 7:1643-1645 Jl '61.
Synthesis of 5-substituted 1-phenylanthraquinone V. A. Puchkov Zhur VKHO 6 no 4 477 '61

ANTHROPOLOGY
Diego factor and anthropology. L V Borov, A. Kh. Tambiev Priroda 50 no. 8, 98-99 Ag '61.

ANTIAIRCRAFT ARTILLERY
Antiaircraft battery in the attack. V. Shtan'ko. Voen. vest. 10 no. 4:77-80 Ap '61
Exercise economy and fight waste. A. F. Shcheglov. Vest. protivovozd. obor. no. 3 77-79 Mr '61.
Firing on airplanes during brief halts. I. Liubarets. Voen. vest. 40 no. 4, 81-82 Ap '61.
Improve the firing skill of antiaircraft gunners. P. A. Dolgopolov. Vest. protivovozd obor. no. 3:13-17 Mr '61.
Military reform of 1924-1925 and the nations antiaircraft troops. M V. Ostapchuk. Vest. protivovozd. obor. no. 3: 73-76 Mr '61.
Organizational work in the unit. P. I. Vokhman. Vest. protivovozd. obor. no. 4:12-15 Ap '61.
Real knowledge of equipment is a necessary factor in success. I A Koshman. Vest. protivovozd obor. no. 3 17-20 Mr '61.
When a march is skillfully organized. A. F. Sergeev. Vest. protivovozd. obor. no 5:15-18 My '61

ANTIAIRCRAFT ARTILLERY—RADAR EQUIPMENT
Radar detection of targets beyond the horizon; from the foreign press. K. N. Trofimov. Vest. protivovozd. obor. no. 3:51-55 Mr '61.

ANTIAIRCRAFT GUNS
Communist Youth League, propagandist and leader. V. Torgov. Blok agit. [Sov. Armii] no. 17 26-30 Je '61
Field exercises of antiaircraft artillerists. V. Sulin. Blok. agit. [Sov. Armii] no 21 30-33 Jl '61.
Preparing antiaircraft guns for night firing. N. Kravchenko. Voen. vest. no. 9:61-63 S '60.
We are always ready to fight. I. Shotas. Biol. agit. [Sov. Armii] no 23:21-23 Ag '61.

ANTIBIOTICS
"Antibiotics" by S. I Eidel'shtein Reviewed by K. K Seifullin Med sestra 20 no 6 55-56 Je '61
Bilai, V. I. [Microscopic fungi producing antibiotics] Mikroskopicheskie griby - producenty antibiotikov. Kiev Izd-vo Akad nauk USSR, 1961. 181 p.
Candidomycoses as complications following treatment with antibiotics L S Riabtseva Med sestra 20 no 6 50-51 Je '61
Comparative indications of antibiotic resistance of dysenteral bacteria isolated in Ryazan during 1955-1956 and 1958-1959 [with summary in English]. A. A. Khokhlova. Antibiotiki 6 no. 5 434-437 My '61.
Comparative studies on the effectiveness of polymyxin and antibiotics of the neomycin series in experimental infections caused by pathogenic serotypes of Escherichia coli [with summary in English]. I. N. Krasnova. Antibiotiki 6 no. 5:408-409 My '61.
Effect of a series of antibiotics on febrile reactions to pyrogenal in rabbits [with summary in English]. O. Sh. Dzheksenbaev. Antibiotiki 6 no. 5:417-419 My '61.
Effectiveness of mycerin in neurosurgery; experimental investigation [with summary in English]. V. F. Imshenetskaia. Antibiotiki 6 no. 5:446-449 My '61.
Experimental data on the effect of antibiotics of certain manifestations of acute radiation sickness [with summary in English]. L. G. Dolgov. Antibiotiki 6 no. 5 402-406 My '61.
Isolation and study of some substances from the mycelium of Fusarium moniliforme, strain 2001 A O Mykhailovina, N A V'iun, V O Dymovich Mikrobiol zhur 23 no 2, 11-13 '61
L-forming activity of the certain antibiotics in vivo under experimental conditions. G. IA. Kagan, V. S. Levashev. Antibiotiki 6 no. 5:383-385 My '61.
Mechanism of the action of antibiotics on the metabolism of micro-organisms. IU. O. Savykin. Antibiotiki 6 no. 5:453-472 My '61.
Pharmacology of antibiotic No. 2703 [with summary in English]. A. P. Belikova, N. A. Kudriavtsev, IU. I. Ratanpan. Antibiotiki 6 no. 5:412-417 My '61.
Production of echinomycinlike substances by various types of actinomycetes [with summary in English]. L. P. Ivanitskaia and others. Antibiotiki 6 no. 5 393-397 My '61.
Quantitative determination of free amino groups and the molecular weight of the antibiotic monomycin [with summary in English]. M. G. Brazhnikova, L. I. Murav'eva. Antibiotiki 6 no. 5:397-401 My '61.
Sensitivity of pathogenic micro-organisms to antibiotics. V. A. Fortushnyi, O. L. Ezhova. Antibiotiki 6 no. 5 441-442 My '61.
Solntsev, K. M. [Antibiotics in the feeding of farm animals] Antibiotiki v kormlenii sel'skokhoziaistvennykh zhivotnykh. Minsk, Gos. izd-vo BSSR Red. sel'khoz. lit-ry, 1960. 116 p. (DA)
Synthetic medium for the development of actinomycetes producing aureomycin M. V. Nefelova, M. B. Butkevich Nauch. dokl. vys. shkoly, biol. nauki no 3:150-152 '61
Use of colimycin, mycerin, and monomycin for treatment of surgical diseases I. G. Rufanov and others Vest. AMN SSSR 16 no. 7 58-63 '61.
Use of secasine in experimental coccal infections [with summary in English]. N. A. Orekietskovskii. Antibiotiki 6 no. 5:409-412 My '61.
"Ways of searching for new antibiotics" by G. F. Gauze Reviewed by P. N. Kushkin. Mikrobiologiia 30 no 2 305-307 Mr-Ap '60.

ANTIBIOTICS—PHYSIOLOGICAL EFFECT
Effect of antibiotics on metabolism and weight gains in growing fattening swine [with summary in German] S M Kabozov, A A. Antonov. Biul. nauch.-tekh. inform. VIZH no. 2:34-37 '58.
How antibiotics given to pregnant ewes affect the growth and development of lambs [in Armenian with summary in Russian]. M. A. Oganesian Izv. Upr. sel'khoz nauki Arm. SSR 4 no. 1:83-90 '61.

ANTIGENS AND ANTIBODIES
Diego factor and anthropology. L. V. Bobrov, A. Kh Tambiev. Priroda 50 no 8:98-99 Ag '61.
Early appearance of thermolabile antibodies [with summary in English]. V. M Zhdanov, V. M. Stakhanova. Vop. virus. 7 no. 3:321-324 My-Je '61.
Effect of antibodies and temperature of the dynamics of virus infections of cells in tissue culture [with summary in English] B. Roizman, T. B. Terner. Vop virus 6 no. 5:548-560 S-O '60.

ANTIGENS AND ANTIBODIES (Continued)

Effect of inhibitory destructive treatment on the antibody to influenza virus [with summary in English] M A IAkhno. Vop virus 7 no 3 334-336 My-Je '61

Labile antibodies and the dynamics of immunity in experimental influenza [with summary in English] L IA Zal'stel'skaia Vop virus 7 no 3 321-327 My-Je '61

On labile antibodies. Vop. virus. 7 no. 3:381 My-Je '61

Specific antigen of breast cancer [with summary in English] V. V. Gorodilova. Vop onk 5 no 11:564-572 '59

ANTIMONY

Fission of antimony nuclei induced by high energy protons [with summary in English]. A. K Lavrukhina and others. Zhur. eksp i teor fiz. 40 no. 2 409-418 F '61

Secondary deposits of mercury and antimony V P Fedorchuk Izv AN Kir SSR Ser est i tekh nauk 2 no 9 149-151 '60

ANTIMONY—ANALYSIS

Triphenylmethane dyes in inorganic analysis (determination of Sb, Ti, and In) I A Bilun, I T Solov'ian, G N Shebalkova. Zav. lab. 27 no 8 950-956 '61

ANTIMONY—ISOTOPES

Mass measurements of tin and antimony isotopes. R. Kh Demirkhanov and others Izv AN SSSR Ser Fiz 25 no 7 871-873 Jl '61

ANTIMONY—SPECTRA

Beta and gamma-spectra of the radioisotopes Sb^{113} and Sb^{115} and the new isomer Sn^{113}. I. P. Selinov and others Izv AN SSSR Ser. fiz 25 no 7 848-853 Jl '61

ANTIMONY-IRON ALLOYS see Iron-antimony alloys

ANTIMONY-SILVER ALLOYS see Silver-antimony alloys

ANTIOXIDANTS

Antioxidants of the metal dialkyldithiophosphate type. P I Sanin and others Dokl AN SSSR 139 no 2:393-395 Jl '61

ANTIQUITIES see Archaeology; Man, Prehistoric; also subdivision 'Antiquities' under Alexandretta Sanjak, Turkey, Alkaliya Valley, Baraboy Valley, Crimea, Egypt, Georgia, Kerch Peninsula, Mexico, Orgeyev District; Soviet Central Asia, Tiligul Valley, Varvarovka District; Yegorlyk Valley

ANTIRELIGIOUS MUSEUMS see subdivision under Leningrad

ANTITOXINS see Toxins and antitoxins

ANTONOV, SERGEI PETROVICH, 1915-

New and talented. L. Genina. Sov. muz. 26 no. 7:23-28 Jl '61.

ANTONOVICH, DANIIL ISIDOROVICH, 1889-

Gaidai, I. N. [Daniil Isidorovich Antonovich, people's artist of the U. S. S. R.] Daniil Isidorovich Antonovich, narodnyi artist SSSR. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1960. 42 p. (Dokada ukrains'koi literatury ta mystetstva)
(MH)

ANTONOVICH, MAKSIM ALEKSEEVICH, 1835-1918

Antonovich, M. A. [Literary criticism] Literaturno-kriticheskie stati'i. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 513 p. (Russkaia kritika)

AORTA

Chemical studies on the composition of human aortic elements by fractional enzymatic splitting. I. Banga. Vest AMN SSSR 16 no. 3 32-37 '61.

Reflex activity of serotonin on a frog's heart following its perfusion of the aorta. Fan Tian'-tsi [Fang T'ien-ch'i] Fiziol. zhur. 46 no. 3:333-337 Mr '60.

Significance of local changes in the media of the aorta in the development of atherosclerotic plaques. N N Vlasov. Vest AMN SSSR 16 no. 3:18-20 '61.

AORTA—RADIOGRAPHY

Method for measuring the density of aortic shadows. G. B. Botadzhiev. Vest. rent. i rad. 36 no. 3:59-60 My-Je '61

AORTIC ANEURYSMS

X-ray diagnosis of aortic aneurysms [with summary in English]. V. V. Zodiev and others. Vest. rent. i rad. 36 no 3:26-31 My-Je '61.

X-ray diagnosis of dissecting aneurysms of the aorta. P P. Shmelev Vest. rent. i rad. 36 no. 3:60-62 My-Je '61.

APARTMENT HOUSES

(see also subdivision under Leningrad; Maritime Territory; Minsk; Moscow; Nakhodka; Novyye-Cheremushki; Petropavlovsk-Kamchatskiy; Sakhalin; Soviet Far East; Sverdlovsk Province; Tallinn; Tselinograd; Virgin Territory)

Apartment houses made of three-dimensional blocks. A. Voinov, V. Kulin, N. Bleshchik Sbor. nauch. rab. inst. bud. i arkhit. AN BSSR no. 3:171-177 '60.

Calculation of labor productivity in integrated crews building standard precast apartment houses V Uvarov Beton i zhel-bet no 7 50-52 Jl '61.

Conference of housing construction workers Stroi i arkhit Len 23 no 7 3 of cover Jl '61

Developing techniques of housing construction. A Popov Sov arkhit no. 12 81-88 '60.

For large-panel houses. A. Mikhailov. Na stroi. Ros no 6:21-22 Je '61.

Hotel-type apartment houses B Brandenburg Sov arkhit. no. 12 41-51 '60

Housing construction in the seven-year plan A Zal'tsman Sov arkhit. no. 12 36-40 '59

Improving the quality of large-panel construction Stroitel' no 2 31 F '61

Kazn, A. V. [Kuznetsov Housing Construction Combine No. 4] Kuznetsovskii domostroitel'nyi kombinat (DSK-4); stenogramma lektsii. Leningrad, 1961. 27 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Serilia Stroitel'naia promyshlennost')

Nauchno-tekhnicheskoe obshchestvo stroitel'noi industrii SSSR. [Apartment houses made of volumetric elements] Zhilye doma iz ob"emnykh elementov. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961 188 p.

Saving on electric power in housing IA. V Khlinskii. Gor. khoz Mosk 35 no 7:37 Jl '61.

Some aspects of precast elements made of asbestos cement for housing construction A I Zysman, V I Kulin Sbor nauch rab. Inst bud. i arkhit AN BSSR no. 3, 32-40 '60

Using reed in multiple-story housing construction. M. Shulenin Sel'. stroi. 16 no 6 12-13 Je '61

Using vibration-driven concrete piles for foundations of apartment houses. E. M. Perlei, A. M. Ruknvtsov. Osn., fund. i mekh. grun. 3 no 3:23-24 '61.

APARTMENT HOUSES—HEATING AND VENTILATION

Prospects in developing sanitary engineering equipment for buildings. F Shevelev. Sov arkhit. no 12 89-94 '60

APARTMENT HOUSES—MAINTENANCE AND REPAIR

(see also subdivision under Moscow)

How to organize maintenance better. D. IAnovskaia Zhil.-kom khoz 11 no 6 13-14 Je '61.

APARTMENT HOUSES—MAINTENANCE AND REPAIR—BIBLIOGRAPHY see Bibliography—Apartment houses—Maintenance and repair

APATITE

Use of ion exchange resins in the analysis of apatites. Z V. Vasil'eva Trudy IGEM no. 64 Metod khim anal min no. 1:91-94 '61

APOMORPHINE

Effect of cytiton and Thermopsis tincture on the emetic effect of apomorphine under clinical and experimental conditions [with summary in French]. A. V Zav'ialov, V. I. Nikolaev. Zhur. nevr. i psikh 61 no. 3:439-445 '61.

APOPLEXY

Atypical spontaneous intracerebral hemorrhages and their surgical treatment [with summary in French] IA M Pavlonskii Zhur nevr i psikh 61 no 5 645-650 '61.

Surgical treatment of nontraumatic intracerebral hemorrhages [with summary in French]. F. IU. Raudkepp, A V. Sheval'e. Zhur. nevr i psikh. 61 no 5 641-641 '61.

APOSTLES

Lights of early Christianity A. Men'. Zhur Mosk Patr no. 7 58-66 Jl '61.

APPARATUS, ELECTRICAL see Electric apparatus and appliances

APPELLATE COURTS

(see also subdivision under Vietnam, North)

In the Supreme courts of the Union Republics. Biul. Verkh. Suda no. 3:46 '61.

APPENDICITIS

Acute appendicitis and its diagnosis in children E. K. Skorokhod, N. N. Oleshko Fel'd i akush. 26 no. 7 13-19 Jl '61

APPLE

(see also subdivision under Sevan Lake region)

Cultivation of dwarf apple trees. A. F. Margolin. Priroda 50 no. 8:114-115 Ag '61.

Irradiation of apple trees by Co^{60} S. I Isaev, I V. Driagina, G. V. Savchenko. Nauch dokl. vys shkoly, biol. nauki no 3:105-108 '61.

APPLE—DISEASE AND PEST RESISTANCE

Resistance of apple trees to fruit spot. A. M. Sokolov. Agrobiologiia no. 4:625-626 Jl-Ag '61.

APPLE—IRRIGATION see subdivision under Kabardino-Balkar A.S.S.R.

APPLE—VARIETIES

New early-summer apple varieties E S. Chernenko Priroda 50 no 8 126-127 Ag '61

APPROXIMATE COMPUTATION

Hamiltonian of averaged motion. I L. Burshtein, L. S. Solov'ev Dokl AN SSSR 139 no 1 855-858 Ag '61

Linear methods for the approximation of continuous periodic functions A V Efimov Mat sbor 54 no 1 51-90 My '61

Method of successive approximations in the theory of equations with concave operators I A Bakhtin, M A Krasnosel'skii Sib mat zhur 2 no 3 314-330 My-Je '61

New numerical pattern of the algorism for Chebyshev's approximation for an incompatible system of linear equations and a system of linear inequalities S I Zukhovitskii Dokl AN SSSR 139 no 3 541-547 Jl '61

One variant of the averaging method. N. N. Bogolubov(d), B. I. Sadovnikov. Vest Mosk. un. Ser. 3 Fiz., astron 16 no 3 24-34 My-Je '61.

Some applications of the general theory of approximation methods to the problem of characteristic elements of nonlinear operators E A Troitskaia Sib mat zhur 2 no 3 451-466 My-Je '61

APRICOT—VARIETIES See subdivision under Krasnodar Territory

APSHERON PENINSULA—FORAGE PLANTS—FERTILIZERS AND MANURES

Effect of trace elements on carotene accumulation in forage plants [in Azerbaijani with summary in Russian]. G A Rzaev Izv AN Azerb SSR Ser biol i med nauk 3 23-28 '61

AQUALUNG

"Assault on the blue continent" by S Aslanov Voen znan. 37 no 8 39 Ag '61

AQUATIC PLANTS see subdivision under Amur River; Vyritsa Reservoir

AQUATIC SPORTS

Aquaplane for underwater running L Konstantinov. Voen znan 37 no 8 25 Ag '61

AQUATIC WEED CONTROL

Universal machine for canal maintenance. V. P. Vitte, L. I Tarasov, G. M Nikitin. Sbor trud IUzhNIIGiM no 6 270 '58.

ARABIA—WAHHABIS

The Ikhwan movement in Arabia, from 1912 to 1930. N I Proshin. Uch. zap Inst nar. Azii 29, 18-71 '60.

ARABIAN SEA—SEDIMENTS (GEOLOGY)

Sediment thickness in the basin of the Arabian Sea. IU P Neprochnov Dokl AN SSSR 139 no 1:177-179 Jl '61

ARABIC LITERATURE—HISTORY AND CRITICISM

"Collected stories" [in Arabic] by Abd al-Rahmān al-Khamisi Reviewed by G. Sh Sharbatov Uch zap Inst. nar. Azii 22:136-143 '60

ARABIC STUDIES

A conference of Arabists in Leningrad. I. N. Vatolina, G. Sh. Sharbatov. Uch zap Inst nar Azii 22:144-151 '60

ARAGONITE see subdivision under Shorsu

ARAL SEA REGION—REPTILES

Notes on some reptiles in the northern part of the Aral Sea region. M N Shilov. Trudy Inst zool AN Kazakh. SSR 15 170-176 '61

ARC, ELECTRIC see Electric arc

ARCHAEOLOGICAL MUSEUMS AND COLLECTIONS see subdivision under Odessa

ARCHAEOLOGY
(see also subdivision under Dniester Valley; Odessa Province; Prut Valley; Rumania, also subdivision 'Antiquities' under Alexandretta Sanjak, Turkey, Alkaliya Valley, Baraboy Valley, Crimea, Egypt, Georgia, Kerch Peninsula, Mexico; Orgeyev District, Soviet Central Asia, Tiligul Valley; Varvarovka District; Yegorlyk Valley)

Moscow. Universitet. Istoricheskii fakul'tet. [The archaeological collection] Arkheologicheskii sbornik. [Moskva] 1961. 69 p.

ARCHAEOLOGY—BIBLIOGRAPHY see Bibliography—Archaeology

ARCHAEOLOGY—PERIODICALS see subdivision under Ukraine

ARCHANGEL PROVINCE—BUILDING MATERIALS
Kargapol'skaya repair and technical station helps in construction. Sel'. stroi. 16 no. 6, 30 Je '61.

ARCHANGEL PROVINCE—DAY NURSERIES
Children are waiting, but the grown-ups are not in a hurry... E. Milekman. Sov. profsoiuzy 17 no. 13 41-42 Jl '61.

ARCHANGEL PROVINCE—KINDERGARTENS
Children are waiting, but the grown-ups are not in a hurry... E. Milekman. Sov. profsoiuzy 17 no. 13 41-42 Jl '61.

ARCHANGEL PROVINCE—MARTENS
Feeding of the pine marten near Archangel [with summary in English]. V. IA. Parovshchikov. Zool zhur. 40 no. 7:1112-1115 Jl '61.

ARCHANGEL PROVINCE—PASSERIFORMES
Recent data on passerine birds in the northern part of Archangel Province. V. IA. Parovshchikov. Ornitologiia no. 2:102-103 '59.

ARCHANGELICA see subdivision under Sayan Mountains; Tomsk Province

ARCHES
Reinforced concrete arches for agricultural structures in Bashkiria. M. E Baistriuchenko Bet i zhel. -bet no. 7:326 Jl '61

ARCHITECTURAL ACOUSTICS
Acoustical feedback in sound amplification systems V. V. Furduev. Izv ASiA no. 1:75-86 '61
Acoustics of halls. A. Nekshulis. Nauka i zhyttia 11 no 5 47-49 My '61.

ARCHITECTURE
(see also subdivision under Europe, Eastern; Grodno; Iceland; Kaluga; Moscow; Tiflis region; Ukraine; White Russia)

Akademiia nauk SSSR. Institut istorii iskusstv. [History of Russian art] Istoriia russkogo iskusstva. Pod obshchei red. I. E. Grabaria, V. S. Kemenova i V. N. Lazareva. Moskva.
Vol. 6. 1961. 492 p.

Development of construction systems in architecture. V. IAsievich. Strol. i arkhit. 9 no 6, 18-21 Je '61.

In the Presidium of the Academy. E. L. Gamze. Izv. ASiA no 1:107-110 '61.

On new paths P. Volodin. Stroi. i arkhit. Mosk. 10 no. 6, 3-4 Je '61.

Remarks about modern foreign architecture. E. Levinson. Sov. arkhit. no. 12:150-159 '60.

The science of building and architecture in 1961. N. P. Bylinkin. Izv. ASiA no. 1:36-47 '61.

To the Central Committee of the CPSU and to the Council of Ministers of the U. S. S. R. Strol i arkhit. 9 no. 6, 2b of cover Je '61.

To the Central Committee of the CPSU and the Council of Ministers of the U S. S. R. Stroi. i arkhit. Mosk 10 no. 6:2 Je '61.

To the Third All-Union Congress of Soviet Architects. Stroi. i arkhit. 9 no. 6; 2a of cover Je '61.

To the Third All-Union Congress of Soviet Architects. Stroi. i arkhit. Mosk. 10 no. 6:1 Je '61.

ARCHITECTURE—ABSTRACTS
[Journal of abstracts: Construction and architecture.] Ref. zhur.: Stroi. i arkhit. no. 4 '61.

ARCHITECTURE—COMPOSITION, PROPORTION, ETC.
Kirillova, L. L. [Scale in architecture] Masshtabnost' v arkhitekture. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 189 p.

ARCHITECTURE AND CLIMATE
Climatological data for designing exterior elements of buildings. V. M. Il'inskii. Izv. ASiA no. 1:95-101 '61

ARCHIVES
More attention to the archives of governmental agencies. A. G. Grishanov. Vop. ist. no. 6:212-214 Ag '61.

ARCTIC OCEAN—METEOROLOGY—OBSERVATIONS
Leningrad. Arkticheskii i antarkticheskii nauchno-issledovatel'skii institut. [Materials of observations completed by the research drift stations "North Pole 4," "North Pole 5," and "North Pole 6" in 1956-1957] Materialy nabliudenii nauchno-issledovatel'skikh dreifuiushchikh stantsii "Severnyi polius-4", "Severnyi polius-5," "Severnyi polius-6" 1956/57 goda. Pod red. K. A. Sycheva. Leningrad, "Morskoi transport," 1960. 647 p.

ARCTIC REGIONS
Seal as a watchman. V. Orlov. Ogonek 39 no 30:10 Jl '61.

They are warming up the Arctic V. Gukov Ogonek 39 no 23:8-9 Je '61.

ARCTIC REGIONS—DRIFTING ICE STATIONS
In the land of white bears. E. Tolstikov Starsh. -serzh. no. 2 26 F '61

ARCTIC REGIONS—MAGNETIC STORMS
Distribution of magnetic activity in a narrow longitudinal sector of the eastern Arctic. L. N. Zhigalov, N. N. Zhigalova. Geomag. i aer. 1 no. 1 67-72 Ja-F '61.

ARCTIC REGIONS—OCEANOGRAPHY
Marine landforms in the Arctic. V. N. Kupetskii. Izv. Vses geog ob-va 93 no 4:304-311 Jl-Ag '61.

ARCTIC REGIONS—SEA ICE
Relation between the drift of ice in the Arctic Basin and ice conditions in the Soviet Arctic seas. Z. M. Gudkovich. Trudy Okean kom. 11:13-20 '61.

ARCTIC REGIONS—ZOOLOGY
Arctic fauna. S M. Uspenskii. Priroda 50 no. 6:31-32 Ag '61.

ARENSKII, ANTON STEPANOVICH, 1861-1906
A. S. Arenskii. G. T Sypin. Sov. muz. 25 no. 7, 43-50 Jl '61.

Arenskii as appraised by L. Tolstoi. L. Korabel'nikova. Sov. muz. 25 no. 7:50-51 Jl '61.

ARGENTINA—COMMUNIST PARTY
At the forefront of democratic and progressive forces. P Todioli Part. zhizn' no 15/16:140-151 Ag '61

ARGON
Ionization of argon by oxygen and nitrogen ions R. N. Il'in, E. S Solov'ev. Zhur tekh. fiz. 31 no 6:680-687 Je '61.

ARGUDAN—CORN (MAIZE)
Nikitin, P. A. [Argudan millions] Argudanskie milliony. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1960. 84 p. (DA)

ARGYRODITE see subdivision under Bolivia

ARITHMETIC—PROBLEMS, EXERCISES, ETC.
"Collection of arithmetical problems" by F. T. Ermolaev Reviewed by O. Vlasenko Rad. shk 40 no. 5 87 My '61

Compiling and solving the problems on local material. I. A. Afanas'ev. Nach shkola 20 no. 7:37-38 Jl '61.

ARITHMETIC—STUDY AND TEACHING
Akademiia pedagogicheskikh nauk RSFSR, Moscow. Institut metodov obucheniia. [Teaching arithmetic in elementary schools] Iz opyta prepodavaniia arifmetiki v nachal'not shkole. Pod red. M. I. Moro. Moskva, 1958. 132 p. (Pedagogicheskie chtoniia)

Forming elementary mathematical concepts. P. IA. Gal'perin, L. S. Georgiev. Doshk. vosp 34 no. 6:64-69 Je '61.

Games in classes in arithmetic in the grades 1-2. E. A. Khiteanlu. Nach. shkola 20 no. 3:37-41 Ag '61.

Independent work of students during the study of the first ten digits. M. I. Moro. Nach. shkola 20 no. 8: 29-35 Ag '61.

Skatkin, L. N., ed. [Teaching arithmetic in grades 1-4 of elementary schools] Iz opyta prepodavaniia arifmetiki v I-IV klassakh nachal'not shkoly. Sost. M. S. Nakhimova. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1959. 155 p.

ARKHANGEL'SKII, NIKOLAI ANDREEVICH, 1896-1961
In memory of Nikolai Andreevich Arkhangel'skii; obituary. S. Palladov, V. Zaitsev. Sov. torg. 34 no. 6, 57-58 Je '61.

ARMAMENTS, COST OF see subdivision under Germany, West

ARMAVIR—LIBRARIES
Skilled librarians. P. Nikitin. Sov. deput. trud. no. 8: 78-81 Ag '61.

ARMAVIR—MACHINERY—DESIGN
Public design office. E. D. Sitnikov. Sred. spets. obr. 6 no. 6:56-57 Je '61.

ARMAVIR—OIL INDUSTRIES—EQUIPMENT AND SUPPLIES
Toward technological progress. G. K. Pen'kov. Masl.-zhir. prom. 27 no. 7:10-13 Jl '61.

ARMENIA
Do you know? Kul't. i zhizn' 5 no 7:17-19 '61.

ARMENIA—ADMINISTRATIVE ECONOMIC COUNCILS
In the Economic Council of the Armenian S. S R Prom. Arm 4 no 7 70-71 Jl '61

ARMENIA—AGRICULTURE
Agricultural zones of the Armenian S S. R. [in Armenian with summary in Russian] A. A Kocharian Izv Upr. sel'khoz nauki Arm SSR 4 no 2 11-18 '61

ARMENIA—ALGAE—CULTURES AND CULTURE MEDIA
First experiment in the multiplication of unicellular green algae in open bodies of water N P. Arutiunia. Izv AN Arm SSR. Biol nauki 14 no. 5:85-91 My '61

ARMENIA—ATTAR OF ROSES
Causes of the deterioration of the color of rose preserves in storage. E. G Krotov, A. G. Terzilova Izv vys. ucheb. zav., pishch. tekh. no 2:61-66 '60

ARMENIA—CHALCOPYRITE
Some data on the prospecting importance of the dispersion halos and the physicomechanical properties of rocks in the pyritic copper deposits of northern Armenia. S. U. Vartanian. Izv. vys. ucheb. zav.; geol i razv. 4 no. 1:68-77 Ja '61.

ARMENIA—CORN BREEDING
Studying heterosis in corn in the Kamo region [in Armenian with summary in Russian]. S. A. Sogomonian Izv AN Arm. SSR. Biol. nauki 14 no. 5:11-20 My '61

ARMENIA—DAIRYING—COSTS
Possibilities for lowering the cost of milk on suburban state farms producing primarily crops [in Armenian with summary in Russian]. Kh. M Avakian Izv. Upr. sel'khoz nauki Arm SSR 4 no. 4, 3-11 '61.

ARMENIA—ECONOMIC CONDITIONS
Fulfillment of the gross-output production plan and the development rate of the industry of the Armenian Economic Council according to branch administrations for the first half of 1961. Prom. Arm. 4 no 7 3 Jl '61

Fulfillment of the plan for labor productivity in the industry of the Armenian Economic Council for the first half of 1961 Prom Arm. 4 no 7.5 Jl '61

Fulfillment of the plan for the production of various kinds of industrial products by the enterprises of the Armenian Economic Council for the first half of 1961 Prom. Arm 4 no. 7 3-4 Jl '61.

ARMENIA—ELECTRIC INSULATORS AND INSULATION
New developments of the Cable-Insulation Section of the Armenian Research Institute of the Electric Machinery Industry. M. Markosian. Prom. Arm. 4 no 7, 40 Jl '61.

ARMENIA—ELECTRIC POWER PLANTS
Conference on over-all automation in power engineering Prom. Arm 4 no. 7 63-64 Jl '61

ARMENIA—FOUNDING
In the Republican House of Technology. Prom. Arm. 4 no. 7, 72-73 Jl '61

ARMENIA—GLASS MANUFACTURE
Outlook for the development of the glass industry in Armenia. K. Vermishev, IU. Metevosov. Prom. Arm. 4 no. 7, 13-17 Jl '61

ARMENIA—HISTORY
Akademiia nauk Gruzinskoi SSR, Tiflis. [On the 40th anniversary of Soviet Armenia] Sovetskoi Armenii 40 let, Tbilisi, 1960. 104 p. [In Georgian.] (MH)

ARMENIA—INDUSTRIAL MANAGEMENT
Fulfill plans in every enterprise in every production zone Prom Arm. 4 no. 7:8-9 Jl '61.

Reduce production cost and increase profit of enterprises unrelentingly A. Safadian. Prom. Arm 4 no. 7:9-12 Jl '61.

ARMENIA—IRON—ELECTROMETALLURGY
Using electrochemical methods for obtaining powder iron of local ores. A. Grigorian, R. Melolan, M. Grigorian. Prom. Arm. 4 no 7, 31-35 Jl '61

ARMENIA—POULTRY BREEDING
Chickens of the Erivan breed and theoretical principles of their breeding [in Armenian with summary in Russian]. S. K. Karapetian. Izv. Upr. sel'khoz. nauki Arm. SSR 4 no. 2 79-90 '61.

ARMENIA—PUBLIC HEALTH
Public health in Soviet Armenia during the past 40 years. Z. M. Narimanov, R. S. Parsadanian. Sov zdrav. 20 no. 6:52-58 '61.

ARMENIA—RECLAMATION OF LAND
Using machinery in bringing stony "Kir" soils under cultivation [in Armenian with summary in Russian]. G. A. Vart'ian. Izv. Upr. sel'khoz. nauki Arm. SSR 4 no. 4, 25-33 '61.

ARMENIA—REVOLUTION, 1917-1921

Mkrtchian, S. A., and R. M. Shirolan. [They live in our hearts] Oni zhivut v nashikh serdtsakh. Erevan, Gos. izd-vo Armianskoi SSR, 1960. 113 p.

ARMENIA—SCALE INSECTS

Changes in the sex ratio of the soft scale Paleolecanium bituberculatum (Targ.) due to the effect of ecological factors. N. V. Vashchinskaia. Izv. AN Arm. SSR. Biol. nauki 14 no. 5:81-81 My '61.

ARMENIA—SHEEP

Meat and fat productivity of Armenian hybrid sheep [in Armenian with summary in Russian]. M. G. Karamian. Izv. Upr. sel'khoz. nauki Arm. SSR 4 no. 3:89-96 '61.

ARMENIA—SOILS

Principle physicomechanical properties of the cemented layers of "kir" soils in connection with the use of machinery in their reclamation [in Armenian with summary in Russian]. K. V. Aleksandrian, R. A. Ramazian. Izv. Upr. sel'khoz. nauki Arm. SSR 4 no. 2:33-39 '61.

ARMENIA—TECHNOLOGICAL INNOVATIONS

The second republican conference of the All-Union Society of Inventors and Efficiency Promoters. Prom. Arm. 4 no. 7:73-74 Jl '61.

ARMENIA—VOLCANIC ASH, TUFF, ETC.

Jointing of tuffs of the Leninakan Plateau. K. Martikian. Prom. Arm. 4 no. 7:57-62 Jl '61.

Use scoriae and tuffs of the Karmrashen deposit efficiently. G. Grigorian. Prom. Arm. 4 no. 7:18-20 Jl '61.

ARMENIA—WAGES

Some results of the regulation of wages in the machinery and metalworking enterprises of the Republic. R. Chobanian. Prom. Arm. 4 no. 7:20-24 Jl '61.

ARMENIA—WHEAT

Changes in the nitrogen metabolism of Arshtati-42 wheat grown in saline soils. B. A. Akopian. Izv. AN Arm. SSR Biol. nauki 14 no. 5:75-80 My '61.

ARMENIA—WHEAT—VARIETIES

Investigating a local Armenian wheat variety [in Armenian with summary in Russian]. P. A. Gandilian, V. A. Markarian. Izv. Upr. sel'khoz. nauki Arm. SSR 4 no. 3:43-47 '61.

ARMENIA—WOOD

Physicomechanical properties of the wood of yew, pear, and birch growing in Armenia. G. A. Arzumanian, P. A. Khurshudian. Izv. AN Arm. SSR. Biol. nauki 14 no. 5:31-40 My '61.

ARMENIAN LANGUAGE—DICTIONARIES—RUSSIAN

Garibian, A. S., M. G. Tor-Minasian, and M. A. Govorgian, comps. [Armenian-Russian dictionary; contains approximately 40,000 words most frequently used in the spoken and literary language] Armiano-russkii slovar'; soderzhit okolo 40,000 slov, naibolee upotrebitel'nykh v razgovornoi rechi i v literature. Izd. 2., dop. Erevan, 1960. 442 p.

ARMENIAN LANGUAGE—STYLE

Akademiia nauk Armianskoi SSR, Erevan. Institut iazyka. [Problems of language and style] Voprosy iazyka i stilia; sbornik statei. Erevan, Akad. nauk Armianskoi SSR [In Russian or Armenian with summaries in Russian.]
Vol. 1. 1960.
(MH)

ARMENIAN OPERA see Opera, Armenian

ARMENIAN PERIODICALS—BIBLIOGRAPHY see Bibliography—Armenian periodicals

ARMIES see also subdivision 'Army' under Germany, East; Germany, West; Mongolia; Russia

AROMATIC COMPOUNDS

Method for determining aromatic substances in bread. R. R. Tokareva, V. L. Kretovich. Khleb. i kond. prom. 5 no. 6:11-13 Je '61.

ARRHYTHMIA

Irregularity of the heart. L. I. Fogel'son. Zdorov'e 7 no. 6:12-13 Je '61.

ARROWHEADS see subdivision under Moldavia

ARSENAZO

Analytical chemistry of uranium. Report No. 3. Photometric determination of uranium in ores and in the products of their treatment with arsenazo I [with summary in English]. V. F. Luk'ianov, L. M. Moiseeva, N. M. Kuznetsova. Zhur. anal. khim. 16 no. 4:448-451 Jl-Ag '61.

ARSEN'EV, KONSTANTIN IVANOVICH, 1789-1865

Perisik, E. N. [K. I. Arsenev and his work on the districting of Russia] K. I. Arsenev i ego raboty po raionirovaniiu Rossii. Moskva, Gos. izd-vo geogr. lit-ry, 1960. 118 p.
(KU)

ARSEN'EV, VLADIMIR KLAVDIEVICH, 1872-1930

To the young travelers. G. Permiakov. IUn. nat. no. 7:26-27 Jl '61.

ARSENIC

Ion-exchange separation of groups of elements. Part 7. Elements of the fifth analytical group (arsenic group). B. K. Preobrazhenskii, L. N. Moskvin. Radiokhimiia 3 no. 3:309-315 '61.

ARSENIC—ANALYSIS

Photocolorimetric determination of arsenic in ferrous metals. G. A. Butenko, E. M. Rodionova, V. P. Kozyr'. Zav. lab. 27 no. 7:808-810 '61.

ART
(see also subdivision under Transcaucasia)

Chekalov, A. K. [Art in everyday life] Iskusstvo v bytu. Moskva, Izd-vo Akad. khudozh. SSSR, 1961. 70 p.

Kardovskii, D. N. [On art; reminiscences; articles, letters] Ob iskusstve, vospominaniia, stat'i, pis'ma. Moskva, Izd-vo Akad. khudozh. SSSR, 1960. 336 p.
(NN)

Kibrik, E. A. [Art and the artist] Iskusstvo i khudozhnik. [Moskva] Molodaia gvardiia, 1959. 63 p.
(KU)

Moscow. Gosudarstvennyi istoricheskii muzei. [The art of Rus during the Rublev period, 14th to the beginning of the 16th century; a catalog] Iskusstvo Rusi epokhi Rubleva, XIV - nachala XVI vv.; katalog. Moskva, 1960. 29 p. plates.
(MH)

ART—BIBLIOGRAPHY see Bibliography—Art

ART—PHILOSOPHY

Optimism and pessimism in art. Luchino Visconti. Nov. vrem. 19 no. 31:15-16 Jl '61.

ART—STUDY AND TEACHING

From artists to children. Nar. obr. no. 8:49-51 Ag '61.

Turchenko, IU. IA. [Problems in art education; through the pages of domestic periodicals from the last quarter of the 19th century] Voprosy khudozhestvennogo obrazovaniia, po stranitsam otechestvennoi periodiki poslednei chetverti XIX v. Kiev, Izd-vo Akad. nauk USSR, 1959. 50 p.
(RPB)

With the help of artists. V. Seliverstov. Shkola-int. no. 2:67-68 Mr-Ap '61.

ART, AZERBAIJANI

Gabibov, Nureddin, and Mursal Nadzhafov. [Art of the Soviet Azerbaijan; painting, sculpture, and graphic arts] Iskusstvo Sovetskogo Azerbaidzhana; ocherki. Zhivopis', skul'ptura, grafika. Moskva, "Iskusstvo," 1960. 198 p. illus.
(NN)

ART, UKRAINIAN see subdivision under Kiev

ART, UZBEK

Pugachenkova, G. A., and L. I. Rempel'. [Distinguished monuments of Uzbek art] Vydaiushchiesia pamiatniki izobrazitel'nogo iskusstva Uzbekistana. [Tashkent, Gos. izd-vo khudozh. lit-ry UzSSR, 1960] 326 p.

ART, WHITE RUSSIAN

Under the banner of our time. IA. Ramanovich. Belarus' 18 no. 8:4-5 Ag '61.

ART GALLERIES AND MUSEUMS see subdivision under Kharkov

ART INDUSTRIES see subdivision under Moscow

ARTELS see Cooperative societies

ARTEM'EV, TIMOFEI NIKIFOROVICH, 1912-1945

Kotvitskii, M. A. [A heroic life] Put' geroia. Petrozavodsk, Gos. izd-vo Karel'skoi ASSR, 1961. 33 p.

ARTERIES—DISEASES

So-called obliterating endarteritis of the cerebral vessels in thrombosis of the internal carotid artery [with summary in French]. A. N. Koltover, I. V. Gannushkina, I. G. Liudkovskaia. Zhur. nevr. i psikh. 61 no. 5:657-664 '61.

ARTERIOSCLEROSIS

Diabetes and arteriosclerosis. Vest. AMN SSSR 16 no. 3:3-9 '61.

Effect of a low-salt diet with restricted fats on the dynamics of lipoproteins in the blood serum of patients with atherosclerosis. V. E. Anisimov. Vop. pit. 19 no. 2:18-22 Mr-Ap '60.

Experimental atherosclerosis of dogs in the light of morphological, histochemical, and pathophysiological research data. A. P. Avtsyn, S. M. Shibaeva, A. N. Fedoseev. Dokl. AN SSSR 139 no. 3:717-719 Jl '61.

Preventive effects of β-lipoprotein immunization on the development of experimental cholesterol atherosclerosis. S. Gero and others. Vest. AMN SSSR 16 no. 3:20-27 '61.

Significance of local changes in the media of the aorta in the development of atherosclerotic plaques. N. N. Vlasov. Vest. AMN SSSR 16 no. 3:18-20 '61.

ARTESIAN WELLS

Efficient utilization of artesian wells. IA. Levin. Tekh. v sel'khoz. 21 no. 7:41-42 Jl '61.

ARTHRITIS

Treatment of ankylosing spondyloarthritis at a mud bath health resort. N. S. Sedin. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 3:229-233 My-Je '61.

ARTHROPODA

Studying the arthropoda in the seventh grade. G. IA. Malakhova. Biol. v shkole no. 4:11-15 Jl-Ag '61.

ARTIFICIAL FUR see Fur, Artificial

ARTIFICIAL LEATHER see Leather, Artificial

ARTIFICIAL SATELLITES

Artificial satellites for military use, from the foreign press. A. I. Petrov, I. M. Vershinin. Vest. protivovozd. obor. no. 4:47-49 Ap '61.

ARTIFICIAL SATELLITES—TRACKING

Graph of the sun's declination. Biul. sta. opt. nabl. isk. sput. Zem. no. 9:65 '60.

Graph of the visibility range for cosmic objects. Biul. sta. opt. nabl. isk. sput. Zem. no. 9:66 '60.

Introduction. I. P. Shpitsberg. Biul. sta. opt. nabl. isk. sput. Zem. no. 9:4-12 '60.

Table No. 21 of local hour angles of the sun at moments of the visible sunrise and sunset. Biul. sta. opt. nabl. isk. sput. Zem. no. 9:54-55 '60.

Table No. 22 of local hour angles of the sun at moments of the beginning and the end of the civil twilight. Biul. sta. opt. nabl. isk. sput. Zem. no. 9:56-57 '60.

Table No. 23 of local hour angles of the sun at moments of the beginning and the end of the nautical twilight. Biul. sta. opt. nabl. isk. sput. Zem. no. 9:58-59 '60.

Table No. 24 of local hour angles of the sun at moments of the beginning and the end of the astronomical twilight. Biul. sta. opt. nabl. isk. sput. Zem. no. 9:60-61 '60.

Table No. 25 of δ° and E magnitudes. Biul. sta. opt. nabl. isk. sput. Zem. no. 9:62-63 '60.

Tables Nos. 1-20 of local hour angles of the sun at moments of the crossing of the earth's shadow by space objects. Biul. sta. opt. nabl. isk. sput. Zem. no. 9:14-53 '60.

ARTIFICIAL SATELLITES IN TELECOMMUNICATION

Use of artificial satellites in microwave communication. M. Dolukhanov. Radio no. 5:21-22 My '61.

ARTILLERY

Artillery gives combat support to units. B. Kryzhanovskii, V. IAkovkin. Voen. vest. 40 no. 4:32-34 Ap '61.

ARTILLERY—BIBLIOGRAPHY see Bibliography—Artillery

ARTILLERY—PROBLEMS, EXERCISES, ETC.

At night with the staff of a battery. A. TSvetkov. Starsh. -serzh. no. 4:10 Ap '61.

Fine and direct laying. N. Medvedev. Starsh. -serzh. no. 2:20-21 F '61.

ARTILLERY, FIELD AND MOUNTAIN

In the depth of the enemy's defenses. G. Grigor'ev. Voen. vest. 40 no. 4:71-75 Ap '61.

Reconnaissance of firing positions during the attack. G. Dantlov. Voen. vest. 40 no. 4:75-77 Ap '61.

ARTISTS

Our anthology of Soviet fine art. Kul't. i zhizn' 5 no. 7:24-26 '61.

ARTISTS—CORRESPONDENCE, REMINISCENCES, ETC.

Bakshеev, V. N. [Memoirs] Vospominaniia. Moskva, Izd-vo Akad. khudozh. SSSR, 1961. 136 p.

Bogorodskii, F. S. [Memoirs of an artist] Vospominaniia khudozhnika. Moskva, Sovetskii khudozhnik, 1959. 317 p.
(KU)

ARUKULA (ESTONIA)—BAKERS AND BAKERIES

A new bakery plant is producing. P. Vali. Sov. potreb. koop. 5 no. 7:42-43 Jl '61.

ARYAN LANGUAGES

Degtereva, T. A. [The development of modern linguistics] Puti razvitiia sovremennoi lingvistiki. Moskva, Izd-vo VPSh i AON pri TsK KPSS.
Book 1. [The development of Soviet linguistics in the field of Indo-European language study] Puti razvitiia sovetskogo iazykoznaniia v oblasti indo-evropeiskoi problematiki. 1961. 214 p.

ARYLATION

Polyarylates. S. V. Vinogradova. Priroda 50 no. 8:91-93 Ag '61.

ARZHANOV, MIKHAIL ALEKSANDROVICH, 1902-1960

M. A. Arzhanov, obituary. Sov. gos. i pravo no. 11 113 N '60

ASANOV, NIKOLAI ALEKSANDROVICH, 1906-

"Don't trample down the flowers" by Nikolai Asanov. Reviewed by V. Voronov. Ogonek 39 no. 28 27 Je '61

ASBESTOS

[For wider use of asbestos ballast. N. D. Dumalovskii, A. S. Khomutov, N. P. Kogan, Put' i put. khoz. 5 no. 4 7-9 Ap '61

ASBESTOS CEMENT

"Asbestos-cement industry abroad" by V. G. Fel'zenbaum. Reviewed by V. A. Lukashevich. Stroi. mat. 7 no. 6 40-3 of cover Je '61

Asbestos cement panels for walls of industrial buildings. I. M. Lavkov. Prom. stroi. 39 no. 5 36-41 '61

Instructions on the assembly and use of roofs made of common corrugated asbestos cement sheets. Bul. stroi. tekh. 18 no. 6-7 Je '61.

Performance of heated asbestos cement roofs on rolling mills. S. V. Diatkov. Prom. stroi. 39 no. 6 48-51 '61

Principle of the location of plants making asbestos cement articles. V. Fel'zenbaum, A. Gustova. Prom. stroi. no. 6, 23-31 Je '61

Protective casings made of asbestos cement pipes for metal piles of off-shore oil wells. M. S. Alekperov, I. M. Kershenbaum. Stroi. mat. 7 no. 6 21-25 Je '61

Some aspects of precast elements made of asbestos cement for housing construction. A. I. Zysman, V. I. Kulin. Sbor. nauch. rab. Inst. bud. i arkhit. AN BSSR no. 3, 32-40 '60

ASCARIDS AND ASCARIASIS

Submicroscopic structure of the nucleolus in sexual and somatic cells of ascarids. I. B. Tokin. Nauch. doki. vys. shkoly. biol. nauki. no. 3 57-60 '61

ASCORBIC ACID

Control of vitamin C in the daily ration; abstract. IA. I. Zolotnitskii. Voen.-med. zhur. no. 3 77 Mr '61

Criteria for supplying man with vitamin C. S. N. Matsko. Vop. pit. 20 no. 4 83-90 Jl-Ag '61

Experience in controlling the vitamin C content of rations. O. G. Mironov. Voen.-med. zhur. no. 3 51-52 Mr '61

Importance of continuous additions of vitamin C to food in the military unit. G. A. Shekhtman. Voen.-med. zhur. no. 3 46-49 Mr '61.

Micromethod for determining the ascorbic acid in whole blood [with summary in English]. N. A. Bulukhanova, L. P. Shchipitsyna. Vop. pit. 20 no. 1 60-65 Jl-Ag '61

New types of canned foods rich in vitamin C. F. Balla. Vop. pit. 19 no. 2 60-62 Mr-Ap '60

Potatoes as a source of vitamin C in northern latitudes. M. Kh. Libo. Vop. pit. 20 no. 4 78-80 Jl-Ag '61

Vitamin C content of human breast milk as revealed by data of the lying-in department of the Kandalaksha District of Murmansk Province [with summary in English]. IU. A. Pogorelyi. Vop. pit. 20 no. 1, 28-32 Jl-Ag '61

Vitamin C content of prepared foods [with summary in English]. S. I. Kulikov. Vop. pit. 19 no. 2 69-72 Mr-Ap '60

Vitamin C metabolism after extensive resection of the small intestine [with summary in English]. I. I. Peleva. Vop. pit. 19 no. 2, 35-39 Mr-Ap '60

Wild leafy plants as a source of vitamin C in food rations of collective farmers in southern Tajikistan. N. Kh. Mukhsim-Zade. Vop. pit. 20 no. 4 76-78 Jl-Ag '61.

ASH (TECHNOLOGY)

Ashes from thermal electric stations as an addition to mineral mixtures. V. E. Sokolovich. Avt. dor. 24 no. 7-14-15 Jl '61.

Clay-ash agloporite from some ashes of Kuznetsk Basin coal. M. V. Balakhnin. Izv. vys. ucheb. zav.: stroi. i arkhit. 4 no. 2 114-124 '61.

Porous aggregates made from the ashes of a heat and electric power plant. I. Ivanov, M. Balakhnin. Na stroi. Ros. no. 5 26 My '61.

Using the ash of thermal electric power plants in "termozol" production. R. P. Burba. Trudy Nauch.-issl. sekt. Mosk. fil. Inst. "Orgenergostroi" no. 3 133-139 '59.

ASHKHABAD—RESTAURANTS, LUNCHROOMS, ETC.

Improvement and the further development of public dining in the city of Ashkhabad. N. N. Grigor'ian, A. S. Remennik. Izv. AN Turk. SSR. Ser. obshchestv. nauk no. 1 31-38 '61.

ASHKHABAD REGION—PIPITS

Wintering of the red-throated pipit in Turkmenistan. A. O. Tashliev, A. N. Sukhinin, G. S. Bel'skaia. Izv. AN Turk. SSR. Ser. biol. nauk no. 2, 82 '61.

ASIA—BIBLIOGRAPHY

[New Soviet and foreign literature on the countries of the non-Soviet East.] Nov. sov. i inostr. lit. po stran. zarub. Vost. no. 5 '61.

ASIA—CONSTITUTIONAL LAW

[Supreme organs of government in the people's democracies; a collection of legal enactments] Vysshie organy gosudarstvennoi vlasti stran narodnoi demokratii, sbornik normativnykh aktov. Moskva, Gos. izd-vo iurid. lit-ry.

No 2. [The countries of Asia] Strany Azii. Obshchaia red. L. M. Gudoshnikova. 1961. 125 p.

ASIA—CULTURE

Cultural news. Az. i Afr. seg. no. 1 51 Ap '61

ASIA—DESCRIPTION AND TRAVEL

The testimony of a witness ("A journey to survivors" by Pierre Gascar. Translated from the French. Reviewed by I. Rozum). Ukraina no. 15 20 Ag '61

ASIA—ECONOMIC CONDITIONS

Asian countries strengthen their national economies. A. Nekrasov. Mir. ekon. i mezhdunar. otn. no. 7 98-101 Jl '61

ASIA—ETHNOLOGY

Akademiia nauk SSSR. Institut etnografii. [Ethnography of eastern Asia] Vostochno-aziatskii etnograficheskii sbornik. Moskva, Izd-vo Akad. nauk SSSR, 1960. 271 p.
(DBC)

ASIA—FOREIGN RELATIONS—UNITED STATES

"Look out, Asia. United States on the offensive." R. K. Singkha. Az. i Afr. seg. no. 7 52-53 Jl '61

ASIA—NAMES, GEOGRAPHICAL

Conference on the toponymy of the East. O. P. Nazarevskii. Izv. AN SSSR. Ser. geog. no. 1 168-171 Jl-Ap '61

ASIA—POLITICS

Banner of Bandung. G. Mirskii. Az. i Afr. seg. no. 1 5-6 Ap '61.

A conference on the history of the national liberation struggle of the peoples of Africa and Asia. V. N. Nikiforov. Vop. ist. no. 7, 171-176 Jl '61

Danger hotbed. I. S. Az. i Afr. seg. no. 7 57-58 Jl '61

ASIA—SCIENCE—HISTORY

Akademiia nauk SSSR. Institut istorii estestvoznaniia i tekhniki. [History of science and technology in the countries of the Orient] Iz istorii nauki i tekhniki v stranakh Vostoka, sbornik statei. Moskva, Izd-vo vostochnoi lit-ry.
Vol. 1. 1960.
(MH)

ASIA—TECHNOLOGY—HISTORY

Akademiia nauk SSSR. Institut istorii estestvoznaniia i tekhniki. [History of science and technology in the countries of the Orient] Iz istorii nauki i tekhniki v stranakh Vostoka; sbornik statei. Moskva, Izd-vo vostochnoi lit-ry.
Vol. 1. 1960.
(MH)

ASIA, CENTRAL—GEOLOGY

Leningrad. University. [Geology of Central Asia] Geologiia Srednei Azii; sbornik statei. [Leningrad] Izd-vo Leningr. univ., 1961. 235 p.

ASIA, SOUTHEASTERN—POLITICS

What is ASAS (Association of Southeastern Asian States)? D. Vol'skii. Az. i Afr. seg. no. 1 53 Ap '61.

ASIA, SOVIET CENTRAL see Soviet Central Asia

ASIAN-AFRICAN PEOPLE'S SOLIDARITY CONFERENCE, 1960

Banner of Bandung. G. Mirskii. Az. i Afr. seg. no. 1 5-6 Ap '61.

ASPARAGINE

Role of amides in streptomycin biosynthesis. V. A. Severina, S. V. Gorskaia, I. V. Gracheva. Dokl. AN SSSR 139 no. 3 736-739 Jl '61.

ASPARAGUS

Lapirov, A. I. [Asparagus] Sparzha. [Leningrad] Lenizdat, 1961. 16 p.
(DA)

ASPEN see subdivision under Kola Peninsula, White Russia

ASPERGILLUS

Effect of various doses of ultraviolet radiation in obtaining variants of Aspergillus producing active proteases. S. Z. Brotskaia. Trudy Inst. mikrobiol. no. 10, 120-128 '61.

Experimental variability of Aspergillus niger. Part 1; Morphological characteristic of variants obtained as a result of the action of ultraviolet rays [with summary in English]. A. A. Imshenetskii, L. I. Solntseva, N. F. Kuranova. Mikrobiologiia 29 no. 2, 177-183 Mr-Ap '60.

The mold fungus Aspergillus flavus as active producer of proteolytic enzymes. E. IA. Kalashnikov, T. I. Trainina. Trudy Inst. mikrobiol. no. 10 103-111 '61.

Respiration of greatly modified variants of Aspergillus nidulans obtained as a result of the action of ultraviolet rays [with summary in English]. N. M. Vasilina. Mikrobiologiia 29 no. 2, 190-194 Mr-Ap '60

Stimulation of the growth of molds by carbon dioxide and the effect of meconotannic acid on this process [with summary in English]. S. A. Bartnova. Mikrobiologiia 29 no. 2 161-163 Mr-Ap '60

ASPERGILLUS AWAMORI

Improving the quality of rye-wheat bread by using an enzyme preparation of Aspergillus awamori. E. P. Chulina. Khleb. i kond. prom. 5 no. 6 6-11 Je '61

ASPERGILLUS NIGER

Variability and selection of commercial Aspergillus niger strains used in the production of acetic acid. E. IA. Shcherbakova. Trudy Inst. mikrobiol. no. 10 129-137 '61.

ASPERGILLUS ORYZAE

Effect of sodium fluoride on the breathing, synthesis of biomass, and amylolytic activity of Aspergillus oryzae. A. M. Malkov, V. I. Deeva. Izv. vys. ucheb. zav., pishch. tekh. no. 2 57-60 '60

Variability of experimentally produced forms of the fungus Aspergillus oryzae. E. S. Tatarenko, I. P. Gerasimova, I. P. Ternikova. Trudy Inst. mikrobiol. no. 10 112-119 '61.

ASPHALT

Chemical mechanism of the production of oxidized petroleum bitumens from the cracking residue. V. A. Proskuriakov, S. R. Sergienko, R. V. Ambrokh. Izv. AN Turk. SSR Ser. fiz.-tekh., khim. i geol. nauk no. 2 34-39 '61

ASPHALT CONCRETE

Automation of an asphalt concrete plant. N. M. Minenko and others. Avt. dor. 24 no. 6 17-19 Je '61

Durability of asphalt concrete. P. I. Polnevich. Avt. dor. 24 no. 7, 31 Jl '61.

Simplest means of laying cold asphalt concrete. P. A. Morgun. Avt. dor. 24 no. 7 30 Jl '61

ASSAM, INDIA—TEA

On the tea plantations of Assam. K. Perevoshchikov. Az. i Afr. seg. no. 7 26-29 Jl '61

ASSEMBLY-LINE METHODS

Maintenance servicing of automobiles on conveyers. Ber. P. Vitiazev. Avt. transp. 39 no. 6 17-18 Je '61

Some potentials of an increase in labor productivity on conveyerized production lines in shoe factories. A. G. Merzon, IA. F. Chervednichenko. Izv. vys. ucheb. zav., tekh. leg. prom. no. 3, 14-19 '61

ASTHMA

Gurgenidze, G. V. [Materials on the pathogenesis of bronchial asthma] Materialy k patogenezu bronkhial'noi astmy. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo," 1960. 118 p. (Biblioteka vracha)
(DNLM)

Sil'veslov, V. P. [Bronchial asthma] Bronkhial'naia astma. [Leningrad] Medgiz, 1960. 13 p. illus. (Nauchno-popularnaia meditsinskaia literatura)
(DNLM)

ASTORINA, ALEKSANDRA PAVLOVNA

Forty years on the stage. M. Liubin. Teatr. 22 no. 7 160 Jl '61

ASTRAKHAN PROVINCE—MEAT INDUSTRY

We are preparing for the season. A. Bimaev. Miasn. ind. SSSR 32 no. 3, 10-11 '61.

ASTRAKHAN PROVINCE—RADIO OPERATORS

All-Union Spartakiada. V. Terent'ev. Radio no. 4 21 Ap '61

ASTRAKHAN PRESERVE—SPOONBILLS

Ecology of the spoonbill and its role in the fishery management of the Volga Delta. N. N. Skokova. Ornitologiia no. 2, 262-270 '59.

ASTREIKA, ANATOL' PIATROVICH, 1911-

Hearty songs, on Anatol' Astreika's 50th birthday. An. Shaumin. Belarus' 18 no. 7, 18 Jl '61

ASTRODYNAMICS

Shape of the "relativistic cube." A. A. Sazykin. Priroda 50 no. 8, 89-90 Ag '61

ASTRONAUTICS

(see also subdivision under United States)

About the first in the world man flight into space. Ilyushk. 10 no. 5, 4 My '61

Achievement of the century. E. Fedorov. Vest. Vozd. Fl. no. 4, 43-46 Ap '61.

Address of the Central Committee of the CPSU, the Presidium of the Supreme Soviet of the U. S. S. R. and the Soviet Union Government. Sov. profsoiuzy 17 no. 8, 3-5 Ag '61.

Appeal of the Central Committee of the CPSU, Presidium of the Supreme Soviet of the U. S. S. R. and of the Soviet Union. Nauka i zhyttia 11 no. 5, 6 My '61

ASTRONAUTICS (Continued)

Appeal of the Central Committee of the CPSU, Presidium of the Supreme Soviet of the U.S.S.R. and the Government of the Soviet Union. Rad. shk. 10 no. 5: 3-6 My '61.

Appeal of the Central Committee of the CPSU, the Presidium of the Supreme Soviet of the U.S.S.R. and the Government of the Soviet Union. Sem'ia i shkola 10 no. 5: 1-3 My '61.

Chronicle of our flights. Kul't. i zhizn' 5 no. 6:21-25 '61.

Comments by IUrii Gagarin. Kul't. i zhizn' 5 no. 6: 21-23 '61.

Congratulations on the new victory of mind and labor! Sov. profsoiuzy 17 no. 16,3 Ag '61.

Conquering space. A. A. Sternfeld. Nauka i zhyttia 11 no. 5:29-32 My '61.

The conquest of outer space. E. Fedorov. Kommunist 38 no. 12,79-88 Ag '61.

Conversation of N.S. Khrushchev with the first cosmonaut, IU. A. Gagarin. Vest. Vozd. Fl. no. 4:7-8 Ap '61.

Cresatonds in the stars. Iaroslav Golovanov. Smena 38 no. 15:26-28 Ag '61.

Culmination of an era. T. K. Fedorov. Kul't. i zhizn' 5 no. 6:12-14 '61.

Dawn of a new era. Kostiantin Kudlevs'kyi. Nauka i zhyttia 11 no. 5:1-3 My '61.

Exciting documents ("Soviet man in space." Reviewed by M. Kononenko). Nauka i zhyttia 11 no. 5:58 My '61.

A feat which will live forever. Elek. i tepl. tiaga 5 no. 5: 1-3 My '61.

The first cosmonaut is a Soviet man. Rus. iaz. v shkole 22 no. 3:1-2 My-Je '61.

First flight of man into space. Kul't. i zhizn' 5 no. 6: 15-18 '61.

First flight of man into space. Nauka i zhyttia 11 no. 5: 24-25 My '61.

"The first flight toward the stars." Agitator no. 15:03 Ag '61.

First raid toward the stars and problems of space biology. N. N. Zhukov-Verezhnikov. Nauka i zhizn' 28 no. 6:7 Je '61.

First space records. Kryl. rod. 12 no. 5:6-7 My '61.

Geophysics and outer space. B. A. Mirtov. Tekh. mol. 29 no. 6:23 '61.

Glory to Soviet scientists, constructors, engineers, technicians, and workers--conquerors of space. Vest. Vozd. Fl. no. 4,6-7 Ap '61.

A great achievement of the Soviet people. K. Morozov. Otv. na vop. trud. no. 4:13-25 '61.

Great victory of reason and work. Biol. v shkole no. 3: 3-5 My-Je '61.

Great victory of the Soviet people. Vest. protivovozd. obor. no. 5:3-4 My '61.

In the spaces of the universe. V. Bazykin. Radio no. 5: 6-8 My '61.

Man in space. V. V. Parin. Smena 38 no. 13:22-23 Jl '61.

Memorable day. V. Smetanin. Sov. foto 21 no. 7:16-17 Jl '61.

Message from foreign scientists. Kul't. i zhizn' 5 no. 6: 19-21 '61.

More marvellous than any dream. A. Artamonov. Bibliotekar' no. 7:22-24 Jl '61.

Morning of the new era. A. N. Nesmelanov. Kul't. i zhizn' 5 no. 6:10-11 '61.

The new flight into space is a great, glorious, and patriotic deed. Komm. Bel. 35 no. 6:101-103 Ag '61.

A new imposing achievement of the Soviet people. Komm. Vooruzh. Sil. 1 no. 16:27-28 Ag '61.

New page in the history of humanity. George Hanna and others. Kul't. i zhizn' 5 no. 6,8-9 '61.

The 108 minutes which shook the world. Vest. Vozd. Fl. no. 4:31-33 Ap '61.

Outstanding landmark in the development of humanity. Prep. fiz. v shkole 16 no. 4:3-6 Jl-Ag '61.

An open road to the planets. A. Nesmelanov. Vest. Vozd. Fl. no. 4:43 Ap '61.

Path to the stars. IUn. nat. no. 6:7-8 Je '61.

Report of Tass. Nauka i zhyttia 11 no. 5:4 My '61.

Socialism and progress. IU. P. Frantsev. Kul't. i zhizn' 5 no. 6:2-6 '61.

Soviet man in space. Kryl. rod. 12 no. 4:2 Ap '61.

Soviet man in space. M. Vasil'ev. Doshk. vosp. 34 no. 6:7-10 Je '61.

Speech of Comrade IU. A. Gagarin. Vest. Vozd. Fl. no. 4:13-14 Ap '61.

Speech of comrade IU. A. Gagarin at the meeting of Moscow workers April 14th, 1961. Nauka i zhyttia 11 no. 5: 9-13 My '61.

Speech of comrade N. S. Khrushchev. Nauka i zhyttia 11 no. 5,9-13 My '61.

Speech of comrade N. S. Khrushchev. Vest. Vozd. Fl. no. 4:15-20 Ap '61.

Speech of E. K. Fedorov. Vest. Vozd. Fl. no. 4:40-42 Ap '61.

Surprise in the surprising. Daniil Danin. Kul't. i zhizn' 5 no. 6:28-30 '61.

Symbol of the new world. N. Semenov. Vest. Vozd. Fl. no. 4:57 Ap '61.

Tass communique on the first human flight into outer space. Vest. Vozd. Fl. no. 4:2 Ap '61.

TASS let the whole world know. Sov. foto 21 no. 7:6-7 Jl '61.

There is a man in the heavens, not God. V. Bazykin. Sov. profsoiuzy 17 no. 13:28-30 Jl '61.

They're off! A. I. Oparin. Vest. Vozd. Fl. no. 4:46-47 Ap '61.

This achievement inspires us toward new successes. Vest. Vozd. Fl. no. 4:64-68 Ap '61.

To all scientists, engineers, technicians and workers, to all groups and organizations who took part in the successful completion of the first in the world man flight into space on the satellite ship "Vostok." To the first Soviet astronaut comrade Gagarin, IUrii Alekseevich. Rad. shk. 10 no. 5,7-8 My '61.

To all scientists, engineers, technicians, workers, all groups and organizations which took part in the successful achievement of the first space flight of man on the satellite ship "Vostok." To the first Soviet astronaut, Comrade IUrii Alekseevich Gagarin. Nauka i zhyttia 11 no. 5:7 My '61.

To Major German Stepanovich Titov, the Soviet cosmonaut. Agitator no. 15:2 Ag '61.

To the Communist Party and the peoples of the Soviet Union! To the peoples and governments of all countries! To all progressive mankind! Izv. vys. ucheb. zav., Stroi. i arkhit. 4 no. 3:1-2 '61.

To the Communist Party and the people of the Soviet Union! To the peoples and governments of all countries! To all progressive humanity! Vest. Vozd. Fl. no. 4:4-5 Ap '61.

To the Communist Party and the peoples of the Soviet Union; to the peoples and governments of all countries, to the progressive circles of mankind. Agitator no. 15,1 Ag '61.

To the nearest planets. M. P. Barabashov. Nauka i zhyttia 11 no. 6:5-10 Je '61.

Twenty-five hours in space. G. I. Pokrovskii. Nov. vrem. 19 no. 33:5-6 Ag '61.

Unequaled heroism. Inostr. iaz. v shkole no. 2:2 Mr-Ap '61.

Unexampled flight of the Soviet cosmonaut. Blok. agit. [Sov. Armii] no. 23:43-46 Ag '61.

Unprecedented in history.... Nov. vrem. 19 no. 33: 3-4 Ag '61.

Unprecedented trip to the stars. Vest. Vozd. Fl. no. 4: 34-37 Ap '61.

Victory of Lenin's ideas. V. Novozhinin and others. Sov. profsoiuzy 17 no. 16:8-9 Ag '61.

What the foreign press wrote about. IU. Zinchenko. Nauka i zhyttia 11 no. 6:15-17 Je '61.

When you look at the earth from space. Vest. Vozd. Fl. no. 4:25-28 Ap '61.

ASTRONAUTICS—BIBLIOGRAPHY see Bibliography—Astronautics

ASTRONAUTICS AND CIVILIZATION

Philosophical problems in astronautics [with summary in English, p. 185]. N. A. Varvarov, E. T. Faddeev. Vop. filos. 15 no. 8:76-87 '61.

ASTRONAUTS

Champion of space. Kul't. i zhizn' 5 no. 6:15 '61.

Glory to the conquerors of space. Sov. foto 21 no. 7:1 Jl '61.

ASTRONOMICAL MODELS

Equilibrium figures of rotating liquid masses with specific points [with summary in English]. V. A. Antonov. Vest. LGU no. 13,157-160 '61.

ASTRONOMICAL PHOTOGRAPHY

Some properties of errors of the photographic objective field. S. Kuliev, S. Khandovkiev. Izv. AN Turk. SSR. Ser. fiz.-tekh., khim. i geol. nauk no. 3:129-130 '61.

ASTRONOMY—ABSTRACTS

[Astronomy and geodesy.] Ref. zhur.: Astron. i geod. no. 7 Jl '61.

[Astronomy and geodesy.] Ref. zhur.: Astron. i geod. no. 8 Ag '61.

ASTRONOMY—ELECTRONIC EQUIPMENT

Electromechanical system for program control of a telescope. IU. A. Sabinin, Z. N. Mamedova. Izv. vys. ucheb. zav., elektromekh. 4 no. 7:103-108 '61.

ASTRONOMY—OBSERVATIONS

Astronomical observations in September. M. M. Dagaev. Priroda 50 no. 8:127-128 Ag '61.

ASTRONOMY—OBSERVATIONS—STANDARDS

Setting up standards for geodetic instruments, astronomy and the time service. A. M. Bondarev. Standartizatsiia 25 no. 8:32-33 Ag '61.

ASTRONOMY—TABLES, ETC.

Introduction. I. P. Shpitsberg. Biul. sta. opt. nabl. isk. sput. Zem. no. 9:4-12 '60.

ASTRONOMY, SPHERICAL AND PRACTICAL

Evening errors according to the results of astronomical longitude determination at first-order points. V. N. Egorov. Trudy MIIGAiK no. 15:133-146 '61.

ASTRONOMY, SPHERICAL AND PRACTICAL—CONGRESSES

Third Congress of the All-Union Astronomical and Geodetic Society. V. A. Bronshten. Biul. VAGO no. 20: 3-10 '61.

ASTROPHYSICS

Interstellar environment. Sh. G. Gordiladze. Nauka i zhyttia 11 no. 5:10-11 Je '61.

Kozyrev, N. A. [Causal or asymmetrical mechanics in a linear approximation] Prichinnaia ili nesimmetrichnaia mekhanika v lineinom priblizhenii. Pulkovo, Glavnaia Astronomicheskaia observatoriia, 1958. 87 p. [MICROFILM]

Telescopes are directed at the stars. V. Sazhin. Smena 38 no. 11:28-30 Je '61.

ASYNCHRONOUS ELECTRIC MOTORS see Electric motors, Induction

ATASU—SPHENOPSIDA

Recent finds of Devonian plants in Kazakhstan. M. A. Senkevich. Mat. po ist. taksv i flory Kazakh. 3:163-168 '61.

ATASU REGION—MANGANESE SILICATES

Manganese silicates from the Dzhumart and Kamys deposits in central Kazakstan. M. M. Kalupova. Izv. AN Kazakh. SSR. Ser. geol. no. 2,45-69 '61.

ATASU VALLEY—FROZEN GROUND

Permafrost in central kazakhstan. V. IU. Malinovskii. Priroda 50 no. 8:107 Ag '61.

ATHEISM

(see also subdivision under Karaganda; Sorokl)

A dictionary for atheists. Voiov ateist no. 1:44 Ja '61.

Fathuslasts of atheistic propaganda have started their work. S. Bohdanovych. Voiov ateist no. 1:34-35 Ja '61.

Happy New Year! Voiov. ateist no. 1:3-5 Ja '61.

Listen to us, religious people! Voiov. ateist no. 1:28-29 Ja '61.

The most important events in the life of churches and religious groups in the U.S.S.R. N. A. Teodorovich. Mat. i soob. Issl. otd. Inst. po izuch. SSSR no. 25:54-58 My '61.

Passionate words. A. Bulycheva. Voiov. ateist no. 1: 37-39 Ja '61.

The power of science. V. Kulish. Voiov ateist no. 1: 31-33 Ja '61.

The problems of atheism in Bertrand Russell's philosophy. T. B. Savina. Vest. Mosk. un. Ser. 8 Ekon., filos. 16 no. 4:76-84 Jl-Ag '61.

[Problems of atheism; popular articles] Voprosy ateizma; populiarnye stat'i. [Stalino] Knizhnoe izd-vo, Stalino-Donbass, 1960. 207 p.

Propaganda of scientific atheism in the Odessa Archaeological Museum. V. P. TSybeskov. Mat. z arkheol. Pivn. Prychor. no. 3:285-286 '60.

Scientific foundation of Marxist-Leninist atheism. M. Pastukh. Voiov ateist no. 1:16-19 Ja '61.

There is a man in the heavens, not God. V. Bazykin. Sov. profsoiuzy 17 no. 13:28-30 Jl '61.

"This is Lvov!" P. IAkivchuk. Voiov. ateist no. 1:35-36 Ja '61.

ATHEISM—BIBLIOGRAPHY see Bibliography—Atheism

ATHEISM—STUDY AND TEACHING

Basic principles of scientific atheism in the program of institutions of higher technical education. V. S. Ovchinnikov. Vop. filos. 15 no. 7:141-144 '61.

Baturin, F. A. [I am going to the believers; story of a propagandist on the methods of work with the faithful] IA idu k veruiushchim; rasskaz agitatora o metodakh raboty s veruiushchimi. Moskva, Gos. izd-vo polit. lit-ry, 1961. 46 p.

From a notebook a little cross fell. I. Vainauskas. Starsh.-serzh. no. 1:25 Ja '61.

Let's intensify the atheistic trend in the textbooks on the history of the U.S.S.R. N. S. Gordienko. Prep. fiz. v shkole 16 no. 4:95-97 Jl-Ag '61.

Our methods of teaching atheism. M. Mikhailau. Nar. asv. no. 5:41-46 My '61.

Scientific and atheistic training of students. P. A. Grigorov. Biol. v shkole no. 3:24-28 My-Je '61.

This is the duty of each teacher. Doshk. vosp. 34 no. 7: 3-5 Jl '61.

ATHENS—TAXATION

Eisphora in Athens of the fourth century B.C. L. M. Gluskina. Vest. drev. ist. no. 2:23-38 '61.

ATHENS—TRADE UNIONS

We believe in the ideals of our class... Vsem. prof. dvizh. no. 7:47 Jl '61.

ATHLETES—NUTRITION

Problems in nutrition at the 13th International Congress on Sports Medicine N N IAkovlev. Vop pit 20 no 1 91-92 J1-Ag '61

ATLANTIC OCEAN—HYDROLOGY

Water masses in the North Atlantic and their interaction. O. I Mamaev Trudy MGI 19 57-68 '60

ATLANTIC OCEAN—MAGNETIC ANOMALIES

Anomaly of the magnetic field in the Atlantic and Indian Oceans. M. M. Ivanov. Geomag. i aer. 1 no 2:247-250 Mr-Ap '61

ATLANTIC OCEAN—OCEAN CURRENTS

Study of currents in the northeastern area of the Atlantic Ocean during the third cruise of the research ship "M Lomonosov." G P Ponomarenko Biul Okean kom no 6 41-42 '60

ATLANTIC OCEAN—OCEAN TEMPERATURE

Seasonal temperature and salinity changes in waters of the North Atlantic IU V Istoshin, A B. Zaklinskii, D A. Aksenov. Trudy MGI 19 75-92 '60

Zonal distribution of hydrological characteristics in the Atlantic Ocean A E. Gamutilov, V M Gruzinov Trudy MGI 19 93-102 '60

ATLANTIC OCEAN—OCEANOGRAPHIC RESEARCH

Fourth cruise of the research ship "M Lomonosov" in the the Atlantic Ocean G. P. Ponomarenko Biul Okean kom no 6-43-44 '60

Oceanographic observations in the tropical part of the Atlantic Ocean D V. Bogdanov Biul Okean kom no 6 55-58 '60

Oceanographic work of the Polar Scientific Research Institute of Marine Fisheries and Oceanography in the region of the West Greenland banks, Labrador, and Newfoundland (1954-1959) M M Adrov Biul Okean kom no. 6 59-61 '60

ATLANTIC OCEAN—SALINITY

Seasonal temperature and salinity changes in waters of the North Atlantic IU. V. Istoshin, A B. Zaklinskii, D. A. Aksenov. Trudy MGI 19.75-92 '60

Zonal distribution of hydrological characteristics in the Atlantic Ocean A E Gamutilov, V M. Gruzinov Trudy MGI 19 93-102 '60.

ATLANTIC OCEAN—SUBMARINE TOPOGRAPHY

Geomorphological investigations in the North Atlantic on the research ship "Mikhail Lomonosov " A. V. Il'in Trudy MGI 19 115-135 '60.

ATLANTIC OCEAN—TIDES

Tidal calculations for the northern part of the Atlantic Ocean. L. I. Boris Trudy Okean. kom. 11 98-104 '61

ATLANTIC UNION (PROPOSED)

Hopeless quests ("The Anglo-American predicament" [in English] by V G. Allon Reviewed by I Vanin) Mezhdunar. zhizn' 8 no 9:145-147 S '61.

ATLASES

Churkin, V. G. [Geographical atlases] Geograficheskie atlasy. Moskva, Izd-vo Akad. nauk SSSR, 1961. 116 p. (Geograficheskoe obshchestvo SSSR. Zapiski. Novaia seriia, vol. 21)

New geographical atlas for the fourth grade of the eight-year schools. V. M. Sokolov. Nach. shkola 29 no. 8: 88-89 Ag '61.

ATLASES BRAZILIAN

geographical school atlas. R. S. Narskikh. [illegible] 30 J1 '61.

ATMOSPHERIC TEMPERATURE
(see also subdivision under Antarctic regions)

Diurnal temperature variations in the stratosphere. L. A. Birlukova, V B Kasirov Meteor i gidrol no 8:3-10 Ag '61

Possibility of measuring the temperature of upper atmospheric layers by the use of a narrow tube A. IA. Pressman, S. P. IAtsenko. Geomag. i aer. 1 no. 1 49-53 Ja-F '61.

Taking into account heat and moisture correlation in conducting studies for making medium-scale maps of landforms. V. S Preobrazhenskii, N V Fadeeva, L. I. Mukhina Izv. AN SSSR Ser geog. no. 4. 104-110 J1-Ag '61

Theory of free convection over the plane surface of the earth B N Trubnikov. Izv AN SSSR Ser. geofiz no. 8 1235-1240 Ag '61

ATMOSPHERIC TRANSPARENCY

Theory of light scattering by a highly disperse system of spherical particles S D. Tvorogov. Izv vys. ucheb zav , fiz no 1 87-93 '61

Transparency of a horizontal atmospheric layer in the range 0. 7 - 14 mc Part 3. Dependence of the integral transmittance of the atmosphere in the range 0 7 - 14 mc. on the thickness of the water layer precipitated B A Antipov and others Izv vys. ucheb zav., fiz. no 1 17-19 '61.

ATOMIC ENERGY—BIBLIOGRAPHY see Bibliography—Atomic energy

ATOMIC ENERGY RESEARCH
(see also subdivision under Switzerland)

From the atom to outer space. V. Parfenov. Blok. agit. [Sov. Armii] no. 21 24-29 J1 '61.

ATOMIC MEDICINE

International Conference on the Peaceful Uses of Atomic Energy, 2d, Geneva, 1958. [Transactions. Selected reports by foreign scientists. Izbrannye doklady inostrannykh uchenykh] Moskva, Izd-vo Glav. uprav. po ispol'zovaniiu atomnoi energ. pri Sovete Ministrov SSSR. Vol. 9. [Radiobiology and radiation medicine] Radiobiologiia i radiatsionnaia meditsina. Pod obshchei red. A. V. Lebedinskogo. 1959. 515 p.

ATOMIC NUCLEI see Nuclei, Atomic

ATOMIC PILES see Nuclear reactors

ATOMIC POWER—LAW AND LEGISLATION
(see also subdivision under United States)

Legal problems concerning the utilization of atomic power for peaceful purposes P. S. Romashkin Sov. gos i pravo 31 no. 2, 18-28 F '61.

ATOMIC POWER INDUSTRY see subdivision under Kahl, Germany

ATOMIC POWER PLANTS
(see also subdivision under Beloyarsk)

Experience with the operation of the First Atomic Power Plant. IU. V Evdokimov and others Atom. energ 11 no. 1, 12-18 J1 '61.

Steel elements for atomic reactor buildings. E. F. Kotliar. Mont. i spets. rab. v stroi. 23 no 6:30-31 Je '61.

ATOMIC SPECTRUM see Spectrum, Atomic

ATOMIC WARFARE

After a nuclear explosion. I. Shatskikh. Starsh. -serzh. no 1:36-37 Ja '61.

ATOMIC WEAPONS see subdivision under United States

ATOMIC WEAPONS—TESTING

[illegible]s to preserve peace ("There will be no [illegible]s Carl Pauling. Reviewed by A. V. Top-[illegible] zhizn' 5 no. 7:46-47 '61.

[illegible] v; CENTO documents. Nov. vrem. [illegible] '61.

[illegible] DISARMAMENT

[illegible] and the policy of the U. S. A. " by [illegible]ed by A. S. Protopopov. Vop. ist. [illegible].

[illegible] water atomization by pneumatic [illegible] Izv. vys. ucheb. zav. ; tekh. tekst. [illegible] 61.

[illegible] of the Thomas-Fermi equation for [illegible] Izv. vys. ucheb. zav. ; fiz. no. 2·

[illegible]ergy of formation of a molecule [illegible]s structure. V. M. Tatevskii. [illegible] fiz. khim. 34 no. 2:241-256 F

[illegible] (MILITARY SCIENCE)

[illegible]e enemy's defenses. A. Kubasov. [illegible] 18-21 Ap '61.

Combat group of an infantry division in retreat. A. Petrov. Voen. vest. 40 no. 4 113-116 Ap '61.

Creative application of the principles of military regulations in battle. A. Kubasov. Voen. vest. no. 9. 24-33 S '60.

On foot and in armored carriers. P. Sineokii. Voen. vest. 40 no. 4·26-28 Ap '61

Reflections on the use of a covering army during the initial period of the Great Patriotic War. B. Kolchigin. Voen. ist. zhur. 3 no. 4 35-37 Ap '61

Repelling counterattacks. G. Ashin. Voen. vest. no. 9 30-35 S '60.

Shift of rear echelon units during an offensive. I Sizov Tyl i snab Sov. Voor Sil 21 no 4 31-37 Ap '61

ATTAR OF ROSES see subdivision under Armenia; Moldavia

AUDITING

Checking the fulfillment of assignments in reducing construction costs. M Zabreiko. Fin SSSR 22 no 3 83-84 Mr '61.

Control functions of a bookkeeping office S Svitich Bukh uchet 18 no 6·23-27 Je '61

Forty years of developing financial control in the U. S. S. R. E. G. Pen'kov Nauch. zap. MFI no 11 310-331 '58

From the practice of Karaganda financial organs. M. Popova. Fin. SSSR 22 no. 7, 68-71 J1 '61

Improve auditing work F. Zinchenko. Den. i kred 19 no 7 72-75 J1 '61

In the atmosphere of greater labor achievements. O Zhdanko Fin. SSSR 22 no. 7:60-64 J1 '61

Increase control and improve discipline in the work of financial organs. Fin SSSR 22 no. 7:3-7 J1 '61.

"Our suggestions for improving the economic work of financial organs. " N. Brudkov and others. Fin. SSSR 22 no 7:72-76 J1 '61

State Bank's business and people. A Belova. Den i kred 19 no 7·53-59 J1 '61.

Struggle of Moldavian State Bank departments against excessive wage fund expenditures N. TSvetaev, S TSap Den i kred 19 no. 7 62-66 J1 '61

AUEZOV, MUKHTAR, 1897-1961

In memory of Auezov. Taken Alimkulov. Ogonek 39 no. 28:5 J1 '61

AUGER EFFECT

Calculating the probability of the Auger effect M A Listengarten. Izv. AN SSSR, Ser fiz 25 no 7· 792-798 J1 '61.

AUREOMYCIN

Biomycin in treating pustular diseases of the skin; abstract. V. K. D'iakonov, V. M. Romash, L. P. Bykhalov Voen. -med. zhur. no. 3·77-78 Mr '61.

Effect of hydrochloride biomycin on the growth and development of calves [with summary in German] N. G. Pervov Biul. nauch. -tekh. inform VIZH no 2: 20-26 '59.

Mechanism of anti-edematous effects of chlortetracycline and cytosine [with summary in English]. L I. Brekhman, P. P. Golikov. Antibiotiki 6 no. 5:419-422 My '61.

Selection of Actinomyces aureofaciens (chlortetracycline producer) by the use of mutagenic factors. S. IU. Gol' dat. Trudy Inst. mikrobiol. no. 10·159-163 '61.

AURORAS

Fantastic play of light. N. Shevnina Starsh. -serzh no. 2:26 F '61.

Instrumental observations of auroras in the region of the South Magnetic Pole. V. S. Ignatov. Inform. biul Sov. antark. eksp. no. 27:28-31 '61.

Space and time variations of hydrogen in auroras and their relation with magnetic disturbances. L. S. Evlashin. Geomag. i aer. 1 no. 1:54-58 Ja-F '61.

Visual observations of auroras at the Vostok Station V. S. Ignatov. Inform. biul. Sov. antark eksp. no. 28 31-35 '61.

AUSTENITE

Rapid method of testing austenite steel for its tendency to cracking in sodium chloride aqueous solutions. V N. Guliaev and others. Zav. lab. 27 no. 8:983-984 '61

AUSTRIA—COMMERCE

"Europe will not wait" [in English] by Anthony Nutting; "The future of the Austrian economy" and "Austria and European integration" [both in German] by Franz Nemschak. Reviewed by A. Shebanov. Mir. ekon. i mezhdunar. otn. no. 8:146-150 Ag '61.

AUSTRIA—LABOR DISPUTES

The deciding factor is unity. Vsem. prof. dvizh. no. 2: 43-44 F '61.

AUTHORS

Akimov, IU. L. [Articles on Russian writers] Stat'i o russkikh pisateliakh. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 188 p.

AUTHORS—CONGRESSES

Five hands of humanity. Berdy Kerbabaev. Az. i Afr. seg. no. 7:39 J1 '61.

UTHORS—CORRESPONDENCE, REMINISCENCES, ETC

Shostakovski, Pavel. [Road to truth] Put' k pravde. Minsk, Gos. izd-vo BSSR, 1960. 355 p.
(NN)

Vishnevskii, V. V. [Articles, diaries, letters on literature and art] Stat'i, dnevniki, pis'ma o literature i iskusstve. Moskva, Sovetskii pisatel', 1961. 701 p.

UTHORS, CHEREMISS

Yoshkar-Ola, Marliskii nauchno-issledovatel'skii institut yazyka, literatury i istorii. [Outline history of Cheremiss literature] Ocherki istorii mariiskoi literatury. Ioshkar-Ola
Pt. 2. 1960. 410 p.

UTHORS, POLISH

Contemporary Polish writers] Suchasni pol's'ki pys'mennyky. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1960. 259 p.
(NN)

UTHORS, UKRAINIAN

Sylymnyk, O. V., comp. [Writers of the Soviet Ukraine] Pys'mennyky Radians'koi Ukrainy; dovidnyk. [Kyiv, Radians'kyi pys'mennyk, 1960] 578 p. (Dekada ukrains'koi literatury ta mystetstva)
(MH)

Soviet Ukrainian writers; critical essays] Ukrains'ki radians'ki pys'mennyky, krytychni narysy. Kyiv, Radians'kyi pys'mennyk, 1960. 1 v.
(InU)

krainian writers; a bio-bibliographic guide] Ukrains'ki pys'mennyky; bio-bibliografichnyi slovnyk. Red. collegia: O. I. Bilets'kyi i dr. Kyiv, Derzh. vyd-vo khudozh. lit-ry.
Vol. 1. [Old Ukrainian literature, 11th to the 18th century] Davnia ukrains'ka literatura, XI-XVIII st. st. 1960.
(NN)

UTHORS, UKRAINIAN—CONGRESSES

Z'izd pys'mennykiv Ukrainy, 4th, Kiev, 1959. [Materials of the Congress of Ukrainian Writers] Materialy. Kyiv, Radians'kyi pys'mennyk, 1960. 385 p.
(MH)

UTOCLAVES

Autoclave for electrochemical studies at 300° and at pressures up to 100 kg/cm^2 [with summary in English]. V. V. Gerasimov and others. Zhur. fiz. khim. 35 no. 6 1359-1361 Je '61.

Automatic temperature regulation in steam chambers. V. A. Astaf'ev, M. A. Prokhorov. Bet. i zhel.-bet. o. 7:310-312 Jl '61.

Converting steam chambers to pressureless operation. D. Ziskin. Sil'. bud. 11 no 7 16-18 Jl '61.

Scales for distance weighing of articles in an autoclave during heat and moisture treatment. N. A. Kalnina, V. I. Fedynin. Stroi. mat. 7 no 6:37-38 Je '61.

AUTOMATIC CONTROL

(See also subdivision under Germany, West)

Algorithmic insolvability of a problem on the recognition of the representability of recursive events in finite automata [with summary in English]. M. A. Aizerman and others. Avtom. i telem. 22 no. 6:748-755 Je '61.

Analytic construction of regulators in stochastic systems with limitations of the rate of variation of the controlling action. N. N. Krasovskii, E. A. Lidskii. Prikl. mat. i mekh. 25 no. 3:420-432 My-Je '61.

Approximate realization of motion along a given trajectory [with summary in English]. E. A. Barbashin. Avtom. i telem. 22 no. 6 681-687 Je '61.

Arkhipov, G. V. [Automatic control of ventilation and air conditioning; essential engineering circuits of automatic control systems] Avtomaticheskoe regulirovanie ventiliatsii i konditsionirovaniia vozdukha.; printsipial'nye tekhnologicheskie skhemy sistem avtomaticheskogo regulirovaniia. Moskva, Gos. energ. izd-vo, 1961. 75 p. (Biblioteka po avtomatike, no. 26)

Automatic control of mechanisms in the tail part of the 400 pipe-rolling mill. V. I. Finogenov, P. G. Lobaznov, G. Pogorelov. Shor. rats. predl. vnedr. v proizv. 2:27-28 '61.

Automatic control of pipe bending at pipeline plants. A. I. Zal'tsman, E. I. Pasiuk. Energomashinostroenie no. 6:34-37 Je '61.

Automatic control of the transfer roll table of the 2250 rolling mill. P. K. Protsenko. Shor. rats. predl. vnedr proizv. no. 1:24 '61.

Automatic conveying of spools to weft winders. I. E. Bogdanov, V. V. Barinov. Mekh. i avtom. proizv 15 no. 7:19-22 Jl '61.

Automatic electromagnetic stop device. G. M. Borodulin Mashinostroitel' no. 8:36 Ag '61.

Automatic measuring hopper. S. Rozhkov, Na stroi. os. no. 5:20 My '61.

Automatic optimization of control systems. Translated from the English. Preface by B. N. Petrov] Avtomaticheskaia optimizatsiia upravliaemykh sistem. Moskva, Izd-vo inostr. lit-ry, 1960. 239 p.

Automatic production line for the canning industry. Gerkin. Mias. ind. SSSR 32 no. 1:7-10 '61.

Automatic regulation of adiabatic processes in calorimetric measurements. IA. A. Kraftmakher, P. G. Strelkov. PMTF no. 3:194-197 S-O '60.

Automatically controlled automobile servicing. Za rul' 19 no 5:12-13 My '61

Automation of the 1I6 multicut lathe. M. O Pezik Mod metallorezh stan. no 16 3-7 '60

Automation of the operation of reservoir pumps. A. M. Raevskii. Prom. energ. 16 no. 5 22-25 My '61.

Automation of tin-level measurement in the bath and of tin charging. V. P. Popov Shor rats predl vnedr v proizv no 2:25-26 '61

Automatization and mechanization of operations in the division V V Chubarov. Zhel. dor. transp 13 no 7 51-56 Jl '61.

Calculation of the optimum adjustment for the automatic control system of a tubular furnace in an atmospheric pipe-still. Izv. AN Azerb SSR Ser fiz -mat i tekh nauk 2:77-90 '61

Capacity of systems composed of functional elements. M. N Vaintsvaig Dokl. AN SSSR 139 no 2,320-321 Jl '61.

Concerning the analytical design of controllers [with summary in English]. IA Kurtsveil'. Avtom. i telem 22 no. 6:687-695 Je '61

Concerning the realization of absolute invariancy principle in linear systems with variable parameters V A. Vasilenko Izv. AN SSSR Otd tekh. nauk. Energ i avtom no 3:97-100 My-Je '61

Concerning the theory of a nonlinear damper with preliminary tightening-up at the elastic connection [with summary in English] M I Feigin Izv vys ucheb zav. radiofiz 4 no 2 339-353 '61.

Concerning the theory of nonlinear systems of combination and autonomous control S. A Babushkin, I P. Ginzburg. Izv AN SSSR Otd. tekh. nauk Energ i avtom. no. 3:14-30 My-Je '61

Control of the interstand tension in cold rolling mills V. S Vysochanskii Izv. vys. ucheb zav., elektromekh 4 no 7 93-102 '61

Design of automatic devices with nonlinear elements by a method which involves the alignment of characteristics S. P Kolosov. Izv vys. ucheb. zav. elektromekh 4 no. 4:94-104 '61.

Determination of the density of the distribution of probabilities for random processes in systems with piecewise type nonlinearities. E. M. Khazen. Izv. AN SSSR Otd. tekh. nauk. Energ. i avtom. no. 3:58-72 My-Je '61.

Determination of the parameters of linear systems using given transient processes. I A Orurk, V. F Zheverzheev. Izv vys. ucheb. zav., elektromekh. 4 no 7 3-15 '61.

Device for automatic stopping of conveyers. S. A. Kissina. Der prom. 10 no. 7:12-13 Jl. '61

Device for the experimental determination of the frequency characteristics of mechanical automatic control systems V. G. Pustynnikov, P. M. Burdukov. Izv. vys. ucheb. zav., elektromekh. 4 no 6 103-108 '61

Doganovskii, S. A. [Automatic self-regulating systems] Avtomaticheskie samonastraivaiushchiesia sistemy. Moskva, Izd-vo "Znanie," 1961. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 4, Tekhnika, no. 12)
[MICROFILM]

Drabkin, G. S., and others. [Automation of cement plants] Avtomatizatsiia tsementnykh zavodov. Leningrad, Gos. izd-vo lit-ry po stroit. arkhit. i stroit. materialam, 1961. 399 p.

Effect of random disturbances on the periodic operation of relay automatic systems. IA Z. TSypkin. Dokl AN SSSR 139 no. 3:570-573 Jl '61.

Effect of the main nonlinearities on the operation of a standard indirect control system [with summary in English] IU A. Gopp Izv vys ucheb zav., radiofiz 4 no 2:354-365 '61.

Electromechanical system for program control of a telescope. IU. A. Sabinin, Z. N. Mamedova Izv. vys ucheb. zav., elektromekh 4 no. 7 103-108 '61

Extrapolating-gradient method for finding the minimum of a square function [with summary in English]. R. E. Vinograd, IU. V. Geronimus. Avtom. i telem. 22 no. 6: 696-710 Je '61.

Generalization of the ergodical theorem on nonstationary random processes [with summary in English] L. I. Gudzenko Izv. vys. ucheb. zav., radiofiz 4 no. 2 267-274 '61.

Girshin, P. I. [Automatic stops for textile machinery] Samoostanovy tekstil'nykh mashin. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 138 p.

How automatization works. V. Ivanovskii, V. Kravchenko, G. Milkis. Sov. shakht. 10 no. 3:21-22 Mr '61.

Improving dynamic properties of automatic regulation systems [with summaries in English, German, and French]. N. N Nastenko, I. A. Boroshok. Vest. sel'khoz. nauki 6 no. 7:78-88 Jl '61.

Indirect methods for obtaining information on the position of a controllable system in phase space. IA. N. Roitenberg. Prikl mat. i mekh. 25 no. 3 440-444 My-Je '61.

Introducing automatic control of loam mixture feeding in foundries. N. T. Zharov, M. M. Kushch, IU. I. Red'ko. Lit. proizv. no. 7:17-20 Jl '61.

Investigation of closed-loop systems containing digital computers with consideration to level quantization. I. P. Pal'tov, S. F. Fedorov. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 3:82-90 My-Je '61.

Investigation of the stability of periodic operating conditions of nonlinear pulse automatic control systems [with summary in English] IA Z TSypkin Avtom. i telem. 22 no 6:711-721 Je '61

Korotaev, A. I., and V. I. Makshanov [Circuits for the automatic control of electric drives; study manual] Skhemy avtomaticheskogo upravleniia elektroprivodami; uchebnoe posobie. Leningrad, Leningr. mekhn. in-t, 1960. 259 p.

Kuzin, M. D. [Assembly and use of control and measuring instruments] Montazh i ekspluatatsiia kontrol'no-izmeritel'nykh priborov. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii Sverdlovskoe otd-nie, 1961. 256 p.

Merkuchev, D. A. [Use of contactless relay components with semiconductor elements for the automatic control of pipe-cutting mills] Primenenie beskontaktnykh releinykh elementov na poluprovodnikakh dlia avtomaticheskogo upravleniia trubootreznym stankom. Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Pribory i elementy avtomatiki, no. 6)

Metal conveyor freezing ment dumplings. V. Teider. Mias. ind SSSR 32 no. 1:10-11 '61.

Modernizing automatic cutlet cutters. A Belovol. Mias. ind. SSSR 32 no. 2 44 '61.

New method for automatically regulating the parameters of bridge networks. V. G. Pustvnnikov Izv vys. ucheb zav., elektromekh. 4 no 3,157-158 '61

Numerical method of the approximate solution of a differential equation containing a nonlinearity of the kind f (x, x) V A. Grigor'eva Shor nauch trud Kuib indus. inst. no 8 271-273 '59

Ostrovskii, A. S. [Overall automatic and remote control of the water supply systems of industrial enterprises] Kompleksnaia avtomatizatsiia i telemekhanizatsiia sistem vodosnabzhenila promyshlennykh predpriiatii. Moskva, Gos. energ. izd-vo, 1961. 166 p. (Biblioteka po avtomatike, no. 29)

Petelin, D. P. [Automatic control of the excitation of synchronous motors] Avtomaticheskoe regulirovanie vozbuzhdeniia sinkhronnykh dvigatelei. Moskva, Gos. energ. izd-vo, 1961. 103 p. (Biblioteka po avtomatike, no. 39)

Possibility of generalizing the invariance principle in linear systems of automatic control with variable parameters. V. A Vasilenko Dokl AN SSSR 139 no 2:324-326 Jl '61

Principles of constructing memory and code selection elements for high-frequency sampled-data automatic control systems. M. S. Neiman. Radiotekhnika 16 no. 7, 3-10 Jl '61.

Problem concerning the determination of the parameters of self-oscillations in the digital section of automatic control systems. A A. Kosiakin. Izv. AN SSSR Otd. tekh. nauk Energ i avtom no. 3, 91-96 My-Je '61.

Problem concerning the use of digital computers for differentiating and smoothing of the sequences with random noises [with summary in English]. A. N. Pokrovskii. Avtom. i telem. 22 no. 6:803-806 Je '61.

Problem of the analytic construction of regulators F. M Kirillov Prikl mat i mekh 25 no. 3 433-439 My-Je '61.

Program control of a hoisting machine. N. I. Erofeev and others. Mekh i avtom proizv. 15 no 7 33-37 Jl '61

Realization of monotonic functions by means of sets of functional elements. V I. Reznik Dokl AN SSSR 139 no 3,566-569 Jl '61.

Remote indicator of the amount of hydrogen in a gas holder and automatic switching off of hydrogen compressors. E. O. Verner. Masl -zhir prom 27 no. 7 42-43 Jl '61

Resonance method for determining the parameters of two-phase asynchronous machines with a hollow rotor. N. G. Shirokov Izv. vys ucheb. zav., elektromekh. 4 no 5:79-85 '61.

Russia (1917- R.S.F.S.R.) Glavnoe upravlenie po proizvodstvu elektromontazhnykh rabot. [Establishment of secondary commutation in electric systems] Montazh vtorichnoi kommutatsii v silovykh elektroustanovkakh. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961, 302 p. (Seriia posobii po povysheniiu masterstva stroitelei)

Ryzhikov, A. A., and I. I. Sankov, eds. [Automatic control and mechanization in casting] Avtomatizatsiia i mekhanizatsiia liteinogo proizvodstva; sbornik statei. [Gor'kii] Gor'kovskoe knizhnoe izd-vo, 1960. 187 p.

Self-oscillations in a two-position temperature control system with a thermal isothermic device [with summary in English] A. S. Alekseev, V. A Dozorov. Izv vys. ucheb. zav.; radiofiz. 4 no 2:330-338 '61.

Semigraphical method for calculating the mechanical characteristics of automatic control systems with transverse field amplidynes. O. V. Popov. Izv. AN SSSR, Otd. tekh. nauk. Energ. i avtom. no 3:148-156 My-Je '61.

Simulation of optimum linear high-speed operations by means of relay circuits V. G Bollianskii. Dokl. AN SSSR 139 no. 2:275-278 Jl '61.

Some cases of the similarity of transient processes in single-stage nonlinear control systems. V. T. Dedesh. Avtom. i telem. 22 no. 6:801-802 Je '61.

Some problems concerning the behavior of finite automata. M. L. Tsetlin. Dokl. AN SSSR 139 no. 2 330-333 Ag '61.

Statistical relay automata and certain methods for their investigation [with summary in English]. I. I. Perel'man. Avtom. i telem. 22 no. 6 765-779 Je '61.

Study of self-oscillations in automatic control systems with logic devices. B. N. Petrov, M. V. Starikova. Izv. AN SSSR Otd. tekh. nauk. Energ. i avtom. no. 3:3-13 My-Je '61.

Synthesis of the compensating devices of linear continuous automatic control systems. V. G. Savast'ev. Izv. vys. ucheb. zav., elektromekh. 4 no. 1 71-81 '61.

Theory of optimum control. Chang Sŭ-ying. Prikl. mat. i mekh. 25 no. 3 413-419 My-Je '61.

Theory of pulse-type automatic systems having an amplitude-pulse modulation of the second kind. IA. Z. Tsypkin. Dokl. AN SSSR 139 no. 2 334-337 Ag '61.

Time quantization error in the presence of automatic control [with summary in English]. S. M. Mandel'shtam. Avtom. i telem. 22 no. 6 780-786 Je '61.

Universal programming system. B. E. Paton, V. S. Gavrish, IU. S. Glodeteskii. Avtom. svar. 11 no. 7 15-20 Jl '61.

Use of a phase plane method for studying nonlinear discrete systems. M. V. Vostrov. Izv. AN SSSR Otd. tekh. nauk. Energ. i avtom. no. 3 31-45 My-Je '61.

Use of automation in the technical inspection of cars. V. I. Gridnushko, G. K. Sonderov, V. P. Khil'chenko. Zhel. dor. transp. 43 no. 7 45-48 Jl '61.

Use of electronic simulators in the problem of accumulating disturbances [with summary in English]. G. V. Savinov. Vest. Mosk. un. Ser. 1 Mat., mekh. 16 no. 3 62-76 My-Je '61.

Use of nonunitary feedback in designing optimum control systems for electric motors. L. P. Smol'nikov. Izv. vys. ucheb. zav., elektromekh. 4 no. 7 11-19 '61.

Use of the theory of Markov's processes in the analysis of the accuracy of automatic control systems. V. S. Pugachev. Izv. AN SSSR Otd. tekh. nauk. Energ. i avtom. no. 3, 16-47 My-Je '61.

Voronisov, L. N. [Calculation and design of automatic devices for regulating linear quantities] Raschet i proektirovanie avtomaticheskikh ustroistv dlia kontrolia lineinykh velichin. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 331 p.

AUTOMATIC CONTROL—ABSTRACTS

[Automatic control and radio engineering.] Ref. zhur.: Avtom. i radioelektr., no. 8 Ag '61.

AUTOMATIC CONTROL—CONGRESSES

All-Union meeting on contactless magnetic elements of automatic control and computer technology. G. V. Subbotina. Avtom. i telem. 22 no. 6 811-814 Je '61.

AUTOMATIC CONTROL—EQUIPMENT AND SUPPLIES

Martynov, E. M. [Electronic devices of discrete action] [Elektronnye ustroistva diskretnogo deistviia. Moskva, Gos. energ. izd-vo, 1960. 127 p. (Massovaia radio biblioteka, no. 381)

AUTOMATIC MACHINERY see Machinery, Automatic

AUTOMATIC TELEPHONE see Telephone, Automatic

AUTOMATIC TIMERS

Lighting turns on automatically. N. Boitsov. Zhil.-kom. khoz. 11 no. 7 15-16 Jl '61.

Simple device for switching on electric lighting. N. Khrenov, V. Bagrov. Zhil.-kom. khoz. 11 no. 6 15-16 Je '61.

AUTOMATION

(see also subdivision under Moscow)

Automatically controlled metallurgical plant. K. P. Kostenetskii. Mekh. i avtom. proizv. 15 no. 7, 1-5 Jl '61.

Automation and labor productivity. I. A. Mashinskii. Khim. prom. no. 7 504-506 Jl '61.

"Automation and remote control in mining" by V. G. Savasteev. Reviewed by V. N. Goev. Ugol' 36 no. 6 63-64 Je '61.

Automation and telemechanization of the circulating water supply system in petroleum refineries. A. Kh. Dubrovskii. Mekh. i avtom. proizv. 15 no. 7 5-9 Jl '61.

[Automation; collection of articles in English] Avtomatika; sbornik tekstov na angliiskom iazyke. Podbor tekstov, kommentarii i slovar' L. A. Luzhnykh i I. N. Sterligova. Moskva, Izd-vo lit-ry na inostr. iazykakh, 1961. 129 p. [Text in English, preface in Russian, and vocabulary.]

Automation in television. V. S. Polonik, I. I. TSukkerman. Tekh. kino i telev. 5 no. 6 28-33 Je '61.

Automation of concrete- and mortar-mixing units. Stroitel' no. 2 19-22 F '61.

Automation of electroplating processes. B. P. Belkin. Mekh. i avtom. proizv. 15 no. 7 10-16 Jl '61.

Automation of pneumatic tube transportation. E. G. Golkhman, A. I. Finkel'. Mekh. i avtom. proizv. 15 no. 7 22-25 Jl '61.

Automation of the charging of shaft-type furnaces. N. A. Lomskov. Mekh. i avtom. proizv. 15 no. 7 9-10 Jl '61.

Automation of the production and training of workers for the paper industry. A. Shumberg. Prof.-tekh. obr. 18 no. 7 28-29 Jl '61.

Conference on over-all automation in power engineering. Prom. Arm. 1 no. 7 63-64 Jl '61.

Developing the automation of hoisting and conveying machinery. Mekh. i avtom. proizv. 15 no. 7 55-58 Jl '61.

[Development of over-all mechanization and automation in industry, practice of the work of economic councils] Razvitie kompleksnoi mekhanizatsii i avtomatizatsii v promyshlennosti, opyt raboty Sovnarkhozov. Moskva, Gosplanizat, 1961. 227 p.

[MICROFILM]

Elizavetin, M. A. [Mechanization and automation in the manufacture of machinery] Mekhanizatsiia i avtomatizatsiia v mashinostroenii, Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 211 p. (Novaia tekhnika i peredovye metody truda)

Equipment for plastics shops (to be concluded). V. K. Zavgorodnii. Mashinostroitel' no. 7 8-12 '61.

Extraction of coal without men in the Kuznetsk Basin. A. Shirokov. Sov. shakht. 10 no. 3 19-21 Mr '61.

In the Republican House of Technology. Prom. Arm. 1 no. 7 72-73 Jl '61.

Innovator teams introduce automation. IA. R. Bukhman. Mashinostroitel' no. 8 27-28 Ag '61.

Kornilov, IU. G. [Automation and remote control of gas systems] Avtomatizatsiia i telemekhanizatsiia gazovykh sistem. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 148 p.

Machine tool, cutting tool, attachment. V. T. Poluianov. Mashinostroitel' no. 7 20-24 '61.

Machinery commander. V. Pekelis. Tekh. mol. 29 no. 6 10-11 '61.

Mechanization and automation of basic processes in carbide production. L. I. Moroz. Mekh. i avtom. proizv. 15 no. 7 48-51 Jl '61.

Mechanization and automation of labor-consuming operations in grocery-trade and public-dining enterprises. G. A. Kaliazin, G. N. Orlov. Mekh. i avtom. proizv. 15 no. 7 26-30 Jl '61.

Mechanization and automation of the textile and light industries in Latvia. K. A. Baev. Mekh. i avtom. proizv. 15 no. 7 16-18 Jl '61.

Mitrofanov, S. P. [Mechanization and automation under multiple machining conditions] Voprosy mekhanizatsii i avtomatizatsii v usloviiakh gruppovogo proizvodstva, tekst doklada na Vsesoiuznom soveshchanii po gruppovoi obrabotke. Leningrad, Leningr. Dom nauchno-tekhn. propagandy, 1961. 75 p.

Petrov, A. P., and I. IA. Aksenov, eds. [Cybernetics and the automation of transportation] Kibernetika i avtomatizatsiia transportnykh protsessov, sbornik statei. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 274 p.

AUTOMATION—BIBLIOGRAPHY see Bibliography—Automation

AUTOMATION—ECONOMIC ASPECTS—BIBLIOGRAPHY see Bibliography—Automation—Economic aspects

AUTOMATION—STUDY AND TEACHING

Study of automation. I. Markov. Prof.-tekh. obr. 18 no. 7, 11 Jl '61.

AUTOMOBILE DRIVERS

Boy from Ghana at the wheel of the "Volga" car. A. Bobrov. Za rul. 19 no. 5 11 My '61.

Grabber at the wheel. E. Bobkov. Za rul. 19 no. 5 31 My '61.

How to become a driver. A. Belan. Sel'mekh. no. 7 7 '61.

Keep path with life; results of the discussion on driver training and refresher courses programs. A. Kartagin. Za rul. 19 no. 5 5-7 My '61.

New specifications for paying truck drivers. Strotel' no. 6 27-29 Je '61.

Organizations of the Volunteer Society for Assistance to the Army, Air Force and Navy and training of mechanization specialists. M. Kolpakov. Za rul. 19 no. 5 4 My '61.

Our discussions. Za rul. 19 no. 4 8-9 Ap '61.

Prevent automobile accidents. A. Smirnov. Voen. vest. 40 no. 4 61-63 Ap '61.

Project of a new program for driver schools. N. Il'in. Avt. transp. 39 no. 6 49 Je '61.

Training automobile. N. Komissarov. Za rul. 19 no. 5 16d My '61.

Wages for drivers. G. Belaia. Sel'. mekh. no. 7 27 '61.

Wages for drivers. S. V. L'vov. Les. khoz. 14 no. 7 83-86 Jl '61.

AUTOMOBILE INDUSTRY

(see also subdivision under China; Germany, East; Gorkiy; Moscow; Serpukhov)

Monopoly oppression in the automobile industry. Jacomo Adducci. Vsem. prof. dvizh. no. 6 28-31 Je '61.

AUTOMOBILE INDUSTRY—INFORMATION SERVICES see subdivision under Moscow

AUTOMOBILE RACING

(see also subdivision under Germany, West, Moscow)

Classification for automobile racing. IU. Gofman. Za rul. 19 no. 4 10-12 Ap '61.

Combined rally systems. G. M. Solov'ev. Za rul. 19 no. 5 20-22 My '61.

Country-wide match of the "Spartakiada." V. Khabarov. Za rul. 19 no. 5 10-11 My '61.

Facilities made available for racing training. V. Berezkin. Za rul. 19 no. 4 17 Ap '61.

Getting ready for the decisive stage of the Spartakiada. N. Pokrovskii. Za rul. 19 no. 4 6 Ap '61.

New classification for automobile model racing. Za rul. 19 no. 4 7 Ap '61.

Our discussions. Za rul. 19 no. 4 8-9 Ap '61.

Should truck cross-country racing be considered a sport. S. Khripunov. Za rul. 19 no. 5 17 My '61.

Success, with regard to the calendar. A. Klopkov. Za rul. 19 no. 4 16 Ap '61.

AUTOMOBILE TRAINS

Automobile trains. Za rul. 19 no. 5 31 Ap '61.

Designing the widening of roadways at curves for the movement of automobile trains. V. A. Bugaeva. Izv. vys. ucheb. zav. stroi. i arkhit. 4 no. 2 40-45 '61.

New unloading unit for automobile trains. V. Borev. Avt. transp. 39 no. 6 15-16 Je '61.

Prefabricated apartment unit transported on an automobile train. Avt. transp. 39 no. 6 5a Je '61.

AUTOMOBILES

Construction features and performance of automobiles. V. Anokhin. Sel'mekh. no. 7 41-42 '61.

Modernization of the "Moskvich-407" car. A. I. Andrianov. Za rul. 19 no. 5 20-21 Ap '61.

New "family." IA. Golodovskii, R. Kalamkarov. Starsh.-seriozh. no. 2 34 F '61.

AUTOMOBILES—DESIGN AND CONSTRUCTION

Fitterman, B. M. [Small automobiles; survey of designs] Mikroavtomobili; obzor konstruktsii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 270 p.

Mass-produced "Zaporozhets." IU. N. Sorochkin. Za rul. 19 no. 5 14-16 My '61.

New modifications of automobiles from the Likhachev Factory. IU. Ispolatov, IA. Golodovskii. Tyl i snab. Sov. Voor. Sil 21 no. 4 86-88 Ap '61.

AUTOMOBILES—ENGINES—CARBURETORS

New carburetors for automobile engines. A. Khanaiko, I. Usov. Za rul. 19 no. 4 22-23 Ap '61.

AUTOMOBILES—EQUIPMENT AND SUPPLIES

Prokopov, L. D. [Repair of pneumatic and vacuum windshield wipers] Remont pnevmaticheskikh i vakuumnykh stekloochistitelei. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 60 p.

AUTOMOBILES—EXHIBITION

Laptev, S. A. [The 1960 automotive exhibit in Geneva] Avtomobil'naia vystavka 1960 goda v Zheneve. Moskva, TSentr. biuro tekhn. informatsii, 1960. 31 p.

AUTOMOBILES—FUEL CONSUMPTION

Sheinin, A. M., and M. I. Borisov. [Standards of liquid fuel consumption for automobiles; reference book] Normy raskhoda zhidkogo topliva dlia avtomobilei, spravochnik. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 174 p.

AUTOMOBILES—FUEL SYSTEMS

Gasoline fueled automobile without a carburetor. Za rul. 19 no. 5 25 My '61.

AUTOMOBILES—LUBRICATION

Chekrygin, I. G. [Manual for the automobile lubricator] Posobie smazchiku avtomobilei. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 62 p.

AUTOMOBILES—MAINTENANCE AND REPAIR

[Accessories for technical servicing and repair of automobiles.] Prisp. dlia tekh. obsluzh. i rem. avt. ses. 23-24 '60.

Device for lifting automobiles. V. Semenov. Tekh. v sel'khoz. 21 no. 7 69 Jl '61.

Sturlis, IU. L. [Mechanized automobile washing] Mekhanizatsiia moiki avtomobilei. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 70 p. (Obmen tekhnicheskim opytom avtotransportnykh predpriiatii)

Useful and timely book ("Assemblage, fitting and maintenance of automobiles" by K. S. Shestopalov. Reviewed by G. Zinger). Za rul. 19 no. 4 31 Ap '61.

AUTOMOBILES—MODELS

New classification for automobile model racing. Za rul. 19 no. 4 7 Ap '61.

AUTOMOBILES—RADIO CONTROL
Radiocontrolled "Volga" S Zavilalov Prof.-tekh obr. 15 no 7 32 Jl '61

AUTOMOBILES—SOCIETIES, ETC. see subdivision under Bulgaria

AUTOMOBILES—TOURING
Ganzelka and Zigmund expedition (to be continued) R Vit, O Khalupa Za rul 19 no 4 29-30 Ap '61.
Ganzelka and Zigmund expedition (to be continued) R Vit, G Khalupa Za rul 19 no 5 30-31 My '61
Pay more attention to automobile touring S Artemiev Avt transp 39 no 6 13-15 Je '61
Preparing for the tourism season G Getsov, V Ostapenko Za rul 19 no 4 28 Ap '61

AUTOMOBILES—WELDING
F-500 machine for welding the "Zaporozhets" automobile shock absorber housing to its lid P M Prikhod'ko, G. A. Movlian. Avtom. svar 14 no 7 86-89 Jl '61.

AUTOMOBILES—WINDOWS AND WINDSHIELDS
Apparatus for the horizontal bending and tempering of windshield glass N A Abel'chuk, S I. Malyshev, G. A. Lukonin. Stek. i ker. 18 no 6 9-11 Je '61

AUTOMOBILES, MILITARY
Drivers. I. Noskov. Voen znan. 37 no 8:13 Ag '61
Patriotic work of the drivers of military vehicles G Smirnov Kommu Vooruzh Sil 1 no 16 57-59 Ag '61
Without accidents and breakage I Lisogorskii. Tyl i snab Sov Voor Sil 21 no 4 83-85 Ap '61

AUTOMOBILES, MILITARY—COLD WEATHER OPERATION
Vehicles move along snowy roads. IU. Serebriakov Starsh.-serzh no 1 33-34 Ja '61

AUTOMOBILES, MILITARY—TRANSPORTATION
Method for calculating the number of cars G Efimov, V Kutsenko Tyl i snab Sov Voor Sil 21 no 4 81-83 Ap '61

AUTOMOTIVE TRANSPORTATION see Transportation, Automotive

AUTONOMIC NERVOUS SYSTEM see Nervous system, Autonomic

AUXILIARY POLICE
Aideev, IU. I., and V. N. Strunnikov. [Rules of socialist public order and how our people help to maintain them] Pravila sotsialisticheskogo obshchezhitiia i uchastie obshchestvennosti v ikh okhrane. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 67 p.
Maslov, V. S. [People's squads against parasites, drunkards, and hooligans] Narodnye druzhiny protiv tunejadtsev, p'ianits i khuliganov. [Smolensk] Smolenskoe knizhnoe izd-vo, 1961. 57 p (Druzhinnik)

AVASH RIDGE—BRECCIA
Contact breccias in a granodiorite-porphyritic massif of the Avash Ridge (Transcarpathia). I. II Danylovych, IU R Danylovych. Geol zhur. 21 no. 3 76-82 '61.

AVIATION MEDICINE
Anomalies of development of the skeleton in aviators. P N. Ivanov, A. P. Ranunov, S. I Sozinov. Voen.-med zhur. no. 3 60-62 Mr '61.
Causes for the elimination of students in military flight training institutions for health reasons. E. I. Ivan'kov, N A. Lysakov, V. V Smirnov. Voen.-med zhur. no 3. 57-60 Mr '61
Significance of examination of flying personnel with functional disorders of the nervous system on the centrifuge for expert medical evaluation P M Suvorov, M G Papkov Voen.-med zhur no 8:73-76 Ag '60

AVITAMINOSIS see Deficiency diseases

AZEOTROPES
Analytical method for computing the composition of binary azeotropes during the change of pressure and temperature [with summary in English]. A.S. Zheleznik. Zhur. fiz. khim. 35 no. 6:1202-1204 Je '61.

AZERBAIJAN—BARLEY—VARIETIES
Effect of different seeding rates on elements determining the yields of some barley varieties. F. A. Guseinov. Izv. AN Azerb. SSR Ser. biol i med. nauk 3 29-35 '61.

AZERBAIJAN—BORING
Practice of drilling deep prospecting holes for oil and gas in Azerbaijan. A. F. Rustambekov. Neft. khoz. 39 no. 8:10-16 Ag '61.

AZERBAIJAN—CHERNOZEM SOILS
Compact Chernozems in the steppe plateau of the Azerbaijan S. S. R. G. A. Salamov. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 4:57-63 '61.

AZERBAIJAN—COCCIDIOSIS
New coccidian species of the genus Eimeria from the gray hamster (Cricetulus migratorius Pallas, 1770,) [with summary in English] M A. Musaev, A. M. Veisov. Zool. zhur. 40 no. 7:971-975 Jl '61.

AZERBAIJAN—COWS
Some physiological indices of cows kept under conditions of the stall system IU G. Gasanov Izv AN Azerb SSR Ser biol i med nauk 3 81-89 '61.

AZERBAIJAN—ECONOMIC CONDITIONS
New achievements of Azerbaijan toilers V Akhundov Kommu Vooruzh Sil 1 no 16 48-51 Ag '61

AZERBAIJAN—ETHICS
Some problems concerning the ethical theories of Azerbaijani enlighteners in the second half of the 19th century. Z. B. Gemshov. Trudy Sekt. filos. AN Azerb. SSR 2 49-72 '60

AZERBAIJAN—EXTINCT ANIMALS
Rare find Akif Ali-Zade. Ogonek 39 no. 23:15 Je '61

AZERBAIJAN—FERTILIZERS AND MANURES—CONGRESSES
All-Union conference on the use of organic substances mined from the earth to increase the yields of farm crops. B. Z. Guseinov. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 4, 97-101 '61.

AZERBAIJAN—GEOLOGY, STRATIGRAPHIC
Vistelius, A. B. [Material on the lithostratigraphy of the producing formation in Azerbaijan] Materialy k litostratigrafii produktivnoi tolshchi Azerbaidzhana. Moskva, Izd-vo Akad. nauk SSSR, 1961. 157 p (Voprosy geologii tretichnykh neftenosnykh basseinov Prikaspiia)

AZERBAIJAN—GRASSES
Effect of different seeding times and methods on the metabolism of forage crops [in Azerbaijani with summary in Russian]. B Z Guseinov, A M Mamedov Izv AN Azerb SSR Ser. biol i med nauk 3 3-8 '61.

AZERBAIJAN—HISTORY
Guseinov, I. A. [The fortieth anniversary of Soviet Azerbaijan] Sovetskomu Azerbaidzhanu 40 let. Tbilisi, Akad. nauk Gruzinskoi SSR, 1960. 118 p. [In Georgian.] (MH)

AZERBAIJAN—LIBRARIES AND READERS
For those who work the communist way M Gubareva Bibliotekar' no 7 15-18 Jl '61

AZERBAIJAN—MEAT INDUSTRY
Outlook and reserves of the meat industry in Azerbaijan. B. Abdurakhmanov. Mias. ind. SSSR 32 no. 1:21-22 '61.

AZERBAIJAN—MOSSES
Data on the mosses of Azerbaijan. I. V. Dylevskaia. Zam. po slat. i geog. rast. no. 22:10-12 '61

AZERBAIJAN—OIL WELL DRILLING, SUBMARINE
In a progressive oil field. Neftianik 6 no. 7:3 Jl '61

AZERBAIJAN—ONCOLOGICAL SOCIETIES
Report on the activity of the Azerbaijan Oncological Society. I. S. Ginzburg, A. G. Ismailov. Vop. onk. 5 no 11: 631 '59.

AZERBAIJAN—PARTRIDGES
Distribution and abundance of the Greek partridge and the gray partridge in Azerbaijan [Azerbaijani with summary in Russian]. A. I. Khanmamedov. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 4:45-48 '61.

AZERBAIJAN—PLASTICS
Republican conference on the use of plastics. K. A. Dai-Zade. Mashinostroitel' no. 7,47 '61.

AZERBAIJAN—POLITICS AND GOVERNMENT
"Development of the Soviet governmental system in Azerbaijan" by F. Sh. Shabanov. Reviewed by F. N. Akhmedov, A. Sh. Mil'man. Sov. gos. i pravo 31 no. 2. 163-164 F '61.

AZERBAIJAN—PRESTRESSED CONCRETE CONSTRUCTION
Manufacturing prestressed elements for precast reinforced concrete tanks IU. A. Kuprikov, N. T. Konfaev, D. N. Dagkesamanskii. Stroi. truboprov. 6 no. 6:21-22 Je '61

AZERBAIJAN—ROAD CONSTRUCTION
Road workers of Azerbaijan. G. A. Karapetian. Avt. dor. 24 no. 7:4-5 Jl '61.

AZERBAIJAN—SHEEP
Growth and development of some body systems and internal organs in the mountain merinos of Azerbaijan and their crosses under different conditions of care. G. K. Kuliev. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 4:49-55 '61.

AZERBAIJANI ART see Art, Azerbaijani

AZERBAIJANI LITERATURE—TRANSLATIONS INTO FOREIGN LANGUAGES—BIBLIOGRAPHY see Bibliography—Azerbaijani literature—Translations into foreign languages

AZHAEV, VASILII NIKOLAEVICH
Beginning of life ("Preface to life" by Vasilii Azhaev Reviewed by O. Grudtsova) Znamia 31 no 8 222-224 Ag '61.

AZIMUTH
Approximate determination of azimuth from two altitudinal-azimuthal observations of a single star V A Kovalenko Nauch zap LPI, Ser geod no 4,15-67 '58.
Results of determination of time and azimuthal corrections done by the Time Service of the Main Astronomical Observatory of the Academy of Sciences of the U S S R E. V Babanina Trudy MIKhAIK no 15 117-123 '61

AZIZBEKOV—CALCITE CRYSTALS
Calcite crystals in gypsum. G S Bukurov. Priroda 50 no 8:107-108 Ag '61

AZO DYES
Alkylated amines of the aromatic series. Part 3 N, N-dimethyl-2-m-xylidine. N I Kudriashova, N. V Khromov-Borisov Zhur ob khim 31 no 7,2263-2270 Jl '61
Direct disazo dyes, derivatives of oxadiazole and thiodiazole Part 3 Comparative study of isomeric disazo dyes, derivatives of 2, 5-diphenyl-1, 3, 4-oxadiazole B M Krasovitskii, R M Matekevich, N. I. Mal'tseva. Zhur ob khim. 31 no 7 2259-2263 Jl '61.
Relationship between the structure and properties of dyes, derivatives of benzanilide Part 3 Disazo dyes from 4, 4'-diamino derivatives of phenylacetamilide and of benzole benzylamide B. M Krasovitskii, V. B Smelinkova. Zhur ob khim 31 no. 7 2256-2259 Jl '61

AZOTOBACTER
Effect of soil moisture and irrigation on the development of Azotobacter in irrigated farm lands of southern Turkmenistan. IU O. Darzniek Izv AN Turk. SSR Ser. biol. nauk no. 2,38-46 '61
How the application of certain organic substances to soil affects the development of azotobacter. IU. O. Darznick. Agrobiologiia no. 4 582-587 Jl-Ag '61.
Structure of young colonies of Azotobacter [with summary in English]. O. I. Koleshko. Mikrobiologiia 29 no 2: 293-295 Mr-Ap '60.

AZOV, SEA OF—HYDROLOGY—RESEARCH
Expedition in the Sea of Azov A. A. Aksenov. Biul Okean kom no. 5 25-27 '60.

AZOV, SEA OF—RADIOACTIVE SUBSTANCES
Relationship between the radioactivity of sediments in the Sea of Azov and the Black Sea. I. E Starik and others Dokl AN SSSR 139 no 2:456-459 Jl '61

AZOV, SEA OF—WATER—COMPOSITION
Some characteristics of the fundamental ionic composition of waters in the Sea of Azov A. P. TSurikova. Trudy GOIN no. 59;5-28 '61.

AZOV-KUBAN REGION—GAS, NATURAL—GEOLOGY
Principal results of the research carried out by the Krasnodar Branch of the All-Union Scientific Research Institute in the northern margin of the Azov-Kuban oil- and gas-bearing basin in 1958 and 1959 A. N Shardanov Trudy VNIGNI no. 32;184-210 '60.
Results of geological prospecting for oil and gas in the northern margin of the Azov-Kuban Depression and the outlook for its development in 1959-1965 N. M. Karpenko. Trudy VNIGNI no. 32;67-75 '60

AZOV-KUBAN REGION—PETROLEUM GEOLOGY
Principal results of the research carried out by the Krasnodar Branch of the All-Union Scientific Research Institute in the northern margin of the Azov-Kuban oil- and gas-bearing basin in 1958 and 1959. A. N. Shardanov Trudy VNIGNI no. 32;184-210 '60
Results of geological prospecting for oil and gas in the northern margin of the Azov-Kuban Depression and the outlook for its development in 1959-1965 N. M. Karpenko. Trudy VNIGNI no. 32;67-75 '60

AZOV SEA REGION—MALIGNITE
Paleozoic maligmates in the convergence zone of the region of the Sea of Azov and the Donets Basin. Izv. AN SSSR. Ser. geol. 26 no. 7;110-114 Jl '61.

AZOV-SIVASH PRESERVE—STARLINGS
Feeding of starlings during the nesting period [with summary in English] G. D. Shlapak. Zool. zhur 40 no 7;1106-1108 Jl '61.

AZOV UPLAND—GEOLOGY, STRUCTURAL
Structure of the convergence zone of the Donets Basin and Azov Upland from geophysical data. II. T. Sobakar. Geol. zhur. 21 no. 3:60-65 '61

AZULENE
Natural azulenes and sesquiterpenic compounds of the azulene series (proazulenes). M V. Nazarenko. Trudy Bot. inst. Ser. 5 no. 9, 83-209 '61.

BABAEVSKII, SEMEN PETROVICH, 1899-

Father and son ("Son's mutiny" by Semen Babaevskii. Reviewed by Lidiia Fomenko) Ogonek 39 no 23 27 Je '61.

BABASKINA, ZINAIDA SEMENOVNA

Rural feldsher V Gorbanev. Fel'd i akush 26 no 6 58-59 Je '61

BABAYURT DISTRICT—CORN (MAIZE)

Zalov, M. [Study and work belong together, corn growing by school work brigades of Babayurt and Khasavyurt Districts] Ucheba i trud smeste zhivut, iz opyta vozdelyvaniia kukuruzy shkol'nymi proizvodstvennymi brigadami Babaiurtovskogo i Khasaviurtovskogo raionov. [Makhachkala] Dagestanskoe knizhnoe izd-vo, 1959. 23 p. (Bibliotechka kukuruzovoda) (DA)

BABUSHKIN—PLANTS, PROTECTION OF

The green patrol is coming. Tania Novoshinskaia IUn nat no 6 29 Je '61

BACILLUS MEGATHERIUM

Effect of selection on some physiological properties of Bacillus megaterium var. phosphaticum. R.A.Menkina. Trudy Inst.mikrobiol. no.10 143-147 '61.

The relation of Bacillus megatherium to sources of carbon, nitrogen, and phosphorus. N M Mal'tseva Mikrobiol zhur 23 no.2;7-14 '61

Some physiological peculiarities of asporogenic mutants of bacilli [with summary in English]. E. Ijchiuska Mikrobiologiia 29 no. 2;195-200 Mr-Ap '60

BACILLUS SUBTILIS

Nephelometric method for determing the activity of the proteinase in Bacillus subtilis [with summary in English]. I. D. Ivanov Mikrobiologiia 29 no 2;289-292 Mr-Ap '60

Some physiological peculiarities of asporogenic mutants of bacilli [with summary in English]. E. Ijchiuska Mikrobiologiia 29 no 2;195-200 Mr-Ap '60.

BACON

What makes this pamphlet valuable ("Production of bacon" by D Pavlov. Reviewed by G. Babin). Mias. ind SSSR 32 no. 3;59 '61.

BACTERIA

Assimilation of radioactive elements by bacteria. Report No 1: Penetration of radioactive elements through the bacterial membrane. V. S Petrus, O. P. Kasatkina, IU. I. Betsanych. Mikrobiol. zhur 23 no. 2,63-67 '61

Influence of bacteria on the electrode potential of stainless steels in sea water [with summary in English]. I B Ulanovskii, L. A. Rozenberg, IU. M. Korovin. Mikrobiologiia 29 no. 2;281-286 Mr-Ap '60.

Influence of the products of vital activity of bacteria on the growth and antibiotic properties of various actinomycetes [with summary in English] N. S. Egorov and others. Mikrobiologiia 29 no 2;269-275 Mr-Ap '60.

Rational method for determining saccharolytic properties of bacteria. B. V. Karal'nik, A. I. Kharitonova. Lab. delo 7 no. 6;30-32 Je '61.

So-called infectious heredity in bacteria. V. L. Ryzhkov Vop. virus. 6 no 5;515-520 S-O '60.

BACTERIA, DENITRIFYING

Transformation of fatty substances under the influence of micro-organisms. Part 2. Study of nonsaponifying substances in experiments on microbial decomposition of fats [with summary in English]. V. L. Mekhtieva, G. F Kondrat'eva, S. B. Malkova. Mikrobiologiia 29 no 2; 209-214 Mr-Ap '60

V. O. Muras.
'61.

BACTERIAL ANTAGONISM

Relation between antibiotics of the tetracycline series and antagonists of vitamin K. V K Piskunov. Dokl. AN SSSR 139 no. 1;214-216 Jl '61

Study of microbes antagonistic to the causative agent of fusarium wilt of flax. Biul. Inst. biol. AN BSSR no. 5: 330-332 '60

BACTERIOLOGY—CULTURES AND CULTURE MEDIA

Differential diagnosis of the Bethesda-Ballerup and Salmonella cultures. L. A. Kamalian, L. M. Andreenko. Lab. delo 7 no. 6;29 Je '61.

Effectiveness of using K. V. Efimova's semiliquid medium for enrichment in the bacteriological investigation of healthy contingents for the presence of the causative agents of dysentery. V. P. Blokhov. Lab. delo 7 no. 6;36-38 Je '61.

Participation of propionic acid in the constructive metabolism of Chromatium vinosum [with summary in English]. V. N. Shaposhnikov, L. K. Osnitskaia, V. I. Chudina. Mikrobiologiia 29 no. 2;164-169 Mr-Ap '60.

Preservation of the phenol resistance of cultures of Escherichia coli and staphylococci used for the control of disinfectants. B. L. Shura-Bura, M. A. Zolochevskii. Lab. delo 7 no. 6;41-44 Je '61.

The relation of Bacillus megatherium to sources of carbon, nitrogen, and phosphorus. N. M. Mal'tseva. Mikrobiol zhur 23 no 2,7-14 '61

Simple method for continuous cultivation of micro-organisms under flowless conditions. V A. Kondium. Mikrobiol zhur 23 no 2-73-75 '61.

Study of the heterotrophic properties of Spirillia growing in the form of layers on a Van Niel medium [with summary in English]. M. G Vladimirova Mikrobiologiia 29 no 2 248-252 Mr-Ap '60

Synthetic medium for the development of actinomycetes producing aurantin M. V. Nefelova, M B. Butteeva. Nauch dokl vys shkoly, biol nauki no 3 159-162 '61

BACTERIOLOGY—EQUIPMENT AND SUPPLIES

Modern bacterial collectors (data on some foreign investigations). I I. Bogdanov, N M Kumorskii. Gig. i san. 26 no. 3 81-85 Mr '61.

BACTERIOLOGY—TECHNIQUE

Units of turbidity for optic standardization of bacterial preparations. B. A. Fikhman. Lab. delo 7 no. 6 52-54 Je '61.

BACTERIOLOGY, MEDICAL

G. N. Minkh and his role in the development of microbiology, 125th anniversary of his birth. S S Diachenko. Mikrobiol zhur 23 no. 2;76-79 '61

Obtaining material from the patient for bacteriological investigation M. T. Chuvalova. Med. sestra 20 no. 6 43-48 Je '61

BACTERIOPHAGE

Bacteriophage and bee diseases. N. I. Smirnova Priroda 50 no. 8;109-110 Ag '61

Comparative evaluation of various methods for the indication of a phage aerosol [with summary in English] L. V. Grigor'eva. Vop. virus. 6 no. 5;618-621 S-O '60.

Method for isolating bacteriophages in colienteritis. R. A. Ter-Pogosian, Z. P. Gorlainova-Ikol. Lab. delo 7 no. 6;35-36 Je '61.

Problem of biological properties of races of intestinal bacteriophages I. I. Gortsenko, K. F Goncharova. Gig. i san. 26 no. 3;101-102 Mr '61.

Use of actinophages in the selection of actinomycetes. T. S. Il'ina and others. Trudy Inst. mikrobiol. no. 10 182-186 '61.

BACTRIA—HISTORY

Demetrias of Bactria and in the conquest of India. V. M. Masson. Vest. drev. ist. no. 2;39-45 '61.

BADKHYZ—FALCONS

Feeding of the saker (Falco cherrug coatsi Dementiev) in Badkhyz (southeastern Turkmenistan). A. N. Sukhinin Izv. AN Turk. SSR, Ser. biol. nauk no. 2 82-84 '61

BADKHYZ—GEOLOGY, STRATIGRAPHIC

Stratigraphy of lower Cretaceous deposits in the mountainous part of Badkhyz. S. Kh. Uramnova. Izv. AN Turk SSR, Ser. fiz.-tekh., khim. i geol. nauk no. 3, 115-119 '61

BADMINTON (GAME)

[Badminton; rules of the game] Badminton; igra v miach s per'iami; pravila osnovanii. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1961. 30 p.

BAGHDAD—FACTORIES—DESIGN AND CONSTRUCTION

For the Republic of Iraq. Stroi. i arkhit. Len. 28 no 7;40 Jl '61

BAGHDAD—NEWSPAPERS

More on the Iraq press. P. Donskoi. Az. i Afr. seg. no. 7;56-57 Jl '61.

BAIKAL, LAKE—AMPHIPODA

Heat resistance of thoracic legs in gammarids of Lake Baikal. E. E. Makhlin. Dokl. AN SSSR 139 no. 4; 989-993 Ag '61

SECHES

...morphology, mode of life, and systematic position of the endemic leech Codonobdella truncata Grube of Lake Baikal. V. M. Epshtein. Dokl. AN SSSR 139 no. 4;1008-1011 Ag '61.

BAIKAL, LAKE—LIMNOLOGY

New data on the bottom relief of southern and central Baikal. B. F. Lut. Izv. AN SSSR, Ser. geog. no. 4;90-99 Jl-Ag '61.

BAIKAL, LAKE—ORGANIC MATTER

Role of photosynthetic aeration in the rotation of organic matter in Lake Baikal. K. K. Votintsev. Dokl AN SSSR 139 no. 1;211-213 Jl '61.

BAIKAL LAKE REGION—GEOLOGY, STRUCTURAL

Origin of the so-called "gaping tectonic fissures" in the Sayans and Lake Baikal region. M. G. Grosvall'd. Biul. MOIP. Otd. geol. 36 no. 2;143-144 Mr-Ap '61.

BAIKAL LAKE REGION—MINERALOGY, DETERMINATIVE

Formation of the indicator U-shaped texture in the oxidation zone of the Khudak Complex deposit. IU. V. Komarov. Zap Vost.-Sib. otd. Vses. min. ob-va no. 1;65-73 '59.

BAIKAL LAKE REGION—MOSSES

Bardunov, L. V. [Fronditerous mosses of the coastal and mountainous regions of the northern Baikal] Listostebel'nye mkhi poberezhii i gor Severnogo Baikala. Moskva, Izd-vo Akad. nauk SSSR, 1961. 119 p. (Akademiia nauk SSSR. Vostochno-Sibirskii filial, Irkutsk. Trudy, no. 42)

BAIKAL LAKE REGION—ROCKS, IGNEOUS

Mesozoic and Cenozoic igneous formations in the Baikal subplatform zone I V. Belov. Zap Vost.-Sib otd. Vses min. ob-va no 1;3-21 '59

BAIKAL LAKE REGION—WATER—COMPOSITION

General hydrochemical characteristics and ionic discharge of rivers in the basin of Lake Baikal P F. Bochkarev Trudy Irk un. 24 165-184 '58

Hydrochemistry of tributaries feeding the southern part of Lake Baikal. P F. Bochkarev Trudy Irk. un 24 185-208 '58

BAKED PRODUCTS

Kazanskaia, L. N. [Role played by vitamins in increasing the food value of bakery and confectionery products; transcript of a report presented at the Leningrad Center for Scientific and Technical Propaganda at a seminar of baking industry workers] Znachenie vitaminov v povyshenii pishchevoi tsennosti khlebobulochnykh i konditerskikh izdelii; stenogramma doklada, prochitannogo v LDNTP na seminare rabotnikov khlebopekarnoi promyshlennosti. Pod red. I. N. Vol'pera. Leningrad, Leningr. Dom nauchno-tekhn. propagandy, 1961. 35 p.

BAKED PRODUCTS—TRANSPORTATION

Methods for the transportation of baked products in the dispatch offices of bakeries. Khleb. i kond. prom. 5 no. 6;44-46 Je '61.

BAKERS AND BAKERIES

(see also subdivision under Arukula, Estonia; Chelyabinsk Province; Germany, East; Moscow; Smolensk)

Experience in planning costs on the basis of expenditure per ruble of production. S. M. Garda. Khleb. i kond. prom 5 no. 6;24-27 Je '61.

BAKERS AND BAKERIES—AIR CONDITIONING

TSNIIKIP-K-2-50 conditioner. IU. N. Kapitanopullo. The Khleb. i kond. prom. 5 no. 6;38-40 Je '61.

BAKERS AND BAKERIES—EQUIPMENT AND SUPPLIES

(see also subdivision under Kramatorsk; Stalino Province)

Improving polishing machines. F. I. Belen'kii. Khleb. i kond. prom. 5 no. 6;34-35 Je '61.

Investigation of the wear of parts in the dough-dividing machinery. G. A. Preis, V. K. Lazarenko. Khleb. i kond. prom. 5 no. 7;5-11 Jl '61.

Remodeling the KHDF-R dough divider for bakeries. P. A. Zakota. Khleb. i kond. prom 5 no. 7;37 Jl '61

Using fluoroplast-4 for packing shut-off valves. A. G. Ginzburg, S. I. Livshits. Khleb. i kond. prom. 5 no. 6;36 Je '61.

Vacuum flour sack cleaner. S. E. Kofman. Khleb. i kond. prom. 5 no. 6;35 Je '61.

BAKERS AND BAKERIES—PRODUCTION STANDARDS

Improve production standards in bakeries. I. M. Zolotovitskii. Khleb. i kond. prom. 5 no. 6;20-24 Je '61.

BAKERY EMPLOYEES—DISEASES AND HYGIENE

Sanitary and hygienic conditions of hot workshops in bakeries and morbidity among bakers. R. S. Garshtein. Gig. i san. 26 no. 3;61-64 Mr '61.

BAKHCHISARAY—CEMENT PLANTS

Interfarm cement plant in Bakhchisaray. IU. V. Kazanskii. Stroi. i dor. mash 6 no.7;26-28 Jl '61.

BAKHCHISARAY DISTRICT—REGIONAL PLANNING

Planning Bakhchisaray and Kitaman' Districts. O. Lesenko. Sil'. bud. 11 no. 7;19-21 Jl '61.

BAKHTIN, ALEKSEI ALEKSEEVICH, 1891-

How a grandfather "welcomed" the tsar.... Il'ia Zaslavskii. Ogonek 39 no. 23;20 Je '61.

BAKING—EQUIPMENT AND SUPPLIES see subdivision under Great Britain

BAKING INDUSTRY

Once more about the shop register. G. N. Kovalev. Khleb. i kond. prom. 5 no. 7;23-24 Jl '61.

BAKU—COLD STORAGE WAREHOUSES

Construction site of a cold storage room. P. Golikov, T. IAkubov. Mias. ind. SSSR 31 no. 4;51 '60.

BAKU—MUNICIPAL SERVICES

In close concord with the service organizations. L. Kulieva. Zhil.-kom. khoz. 11 no. 6;21-22 Je '61.

BAKU—THEATER

A slow awakening. G. Shcherbina. Teatr 22 no. 7; 126-130 Jl '61.

BAKU REGION—OIL FIELDS—PRODUCTION METHODS
Visiting the Baku oil workers T. Abramian Neftianik 6 no. 7 30 Jl '61.

BALANCE OF PAYMENTS
The mark against the dollar and the pound. S. Borisov. Mir. ekon. i mezhdunar. otn. no. 7:101-104 Jl '61.

BALANCING OF MACHINERY
Ivanov, V. V. [Dynamic balancing of rotors of high-speed machines] Tekhnologiia dinamicheskogo uravnoveshivaniia rotorov bystrokhodnykh mashin. Leningrad, 1961. 21 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Mekhanicheskaia obrabotka metallov, no. 14)

BALKHAN RANGE—SEDIMENTS (GEOLOGY)
Baranova, Z. E. [Problems of oil and gas potentials of Central Asia] Problema neftegazonosnosti Srednei Azii. Leningrad, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry. Leningr. otd-nie.
No. 3 [Lithology and formation of Jurassic sediments in the Greater Balkhan Range] Litologiia i usloviia obrazovaniia iurskikh otlozhenii Bol'shogo Balkhana. 1961. 127 p. (Leningrad Vsesoiuznyi geologicheskii institut Trudy, vol. 43)

BALKHAN REGION—CLAY
Clay minerals from Akchagyl deposits of the Balkhan region. A. I. IUrevich Dokl. AN SSSR 139 no. 1:191-194 Jl '61.

BALKHAN REGION—CONCRETIONS
Concretions in Akchagyl deposits of the Balkhan region in south-western Turkmenistan. D. G. Liakh. Izv. AN Turk. SSR, Ser. fiz.-tekh., khim. i geol. nauk no. 3 122-125 '61.

BALKHASH LAKE REGION—RODENTIA
Ismagilov, M. I. [Ecology of rodents associated with the landscapes of Bet-Pak-Dala and the southern part of the Lake Balkhash region] Ekologiia landshaftnykh gryzunov Betpak-Daly i IUzhnogo Pribalkhash'ia. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1961. 365 p.

BALKHASH LAKE REGION—WATER, UNDERGROUND
Fissure waters in the granitoids in the northwestern Lake Balkhash region. S. M. Shapiro. Izv. AN Kazakh. SSR, Ser. geol. no. 2, 99-103 '61.

BALKHASH LAKE REGION—TORNADOES
Tornadoes over the Balkhash. Priroda 50 no. 6:124 Ag '61.

BALLADS, UKRAINIAN
Linguistic characteristics of Ukrainian ballads. O. O. Nazaruk Ukr. mova v shkoli 11 no. 4:34-43 Jl-Ag '61.

BALLAST (RAILROADS)
For wider use of asbestos ballast. N. D. Dunakovskii, A. S. Khomutov, N. P. Kogan. Put' i put khoz. 5 no. 4: 7-9 Ap '61.

BALLET
(see also subdivision under Leningrad; Moldavia)
The art of the ballet and its bourgeois interpreters. E. Surits Teatr 22 no. 7:183-187 Jl '61
Karlinskaia-Skudina, G. S. [Ballet] Balet. Moskva, Gos. muzykal'noe izd-vo, 1960. 61 p. (Muzykal'nye formy i zhanry)
Lermontov as interpreted on the ballet stage. E. Lutskaia. Sov. muz. 25 no. 7:71-74 Jl '61.
London, Peking, New York, Melbourne, Cairo ... Raisa Struchkova. Kul't i zhizn' 5 no. 7:36-38 '61

BALLISTIC MISSILE EARLY WARNING SYSTEM
Radar stations for the observation of ballistic rockets as revealed by foreign press data. IA. I. Faenov. Vest. protivovozd. obor. no. 5:29-33 My '61.

BALLISTOCARDIOGRAPHY
The technique of ballistocardiographic study of dogs. M. M. Povshytkov. Fiziol. zhur. [Ukr.] 7 no. 4:569-570 Jl-Ag '61.

BALLOON ASCENSIONS
On a ballon in the age of rockets. V. Beloiserkovskii. Smena 38 no. 8:15-16 My '61.

BALTIC SEA—EUROPEAN WAR, 1914-1918—NAVAL OPERATIONS
Timirev, S. N. [Memoirs of a naval officer. The Baltic Fleet during the war and revolution, 1914-1918] Vospominaniia morskogo ofitsera. Baltiiskii flot" vo vremia voiny i revoliutsii, 1914-1918 g. g. New York, Izd. Amerikanskogo ob-va dlia izucheniia russkoi morskoi istorii, 1961. 172 p. map. (Zarubezhnaia morskaia biblioteka, no. 78)
(NN)

BALTIC SEA—HYDROLOGY
Hydrological and hydrochemical conditions in the Baltic Sea during the period of the International Geophysical Year. L. V. Rozova and others. Trudy GOIN no. 55: 77-96 '60.

BALTIC SEA—PHOSPHATES
Some characteristics of phosphate distribution and quantitative variation in the Baltic Sea. F. N. Chernovskaia Trudy GOIN no. 59:85-97 '61

BALTIC SEA—SAILING
Wind force 7. V. Viktorov. Ogonek 39 no. 30:21-23 Jl '61.

BALTIC SEA—WATER—COMPOSITION
Hydrological and hydrochemical conditions in the Baltic Sea during the period of the International Geophysical Year. L. V. Rozova and others. Trudy GOIN no. 55: 77-96 '60.

BALTIC SEA REGION—GEOLOGY, STRATIGRAPHIC
Stratigraphic scale of the Jurassic of the Baltic Sea region. A. A. Grigelis. Grudy VNIGNI no. 20 vol 2: 95-99 '61.

BALTIC SEA REGION—WORLD WAR, 1939-1945
Liberation of the Baltic Sea region. Voen. znan. 37 no. 8 40 Ag '61

BAND SAWS—SAFETY APPLIANCES see subdivision under Italy

BANDAGES AND BANDAGING
(see also subdivision under Moscow)
Bandage for covering a burn surface. V. P. Dobrovol'skii. Voen.-med. zhur. no. 8:84 Ag '60.
Protective cover for a bandaged wound; abstract. A. I. Kats Voen.-med. zhur. no. 3 80 Mr '61.
Utilization of a large fundiform bandage. V. I. Savel'ev. Voen.-med. zhur. no. 8:84 Ag '60.

BANK EMPLOYEES—EDUCATION AND TRAINING see subdivision under Mordovia

BANKS AND BANKING
(see also subdivision under Crimea; Ivanovo Province; Klaypeda District, Moldavia, Novgorod Province; Sverdlovsk Province)
Against excess and wastefulness. D. Volodin. Fin. SSSR 22 no. 3 63-65 Mr '61.
Bank and the struggle with additions. M. Artiukhov, N. Tkach Fin. SSSR 22 no. 7:81-83 Jl '61
Brief information on foreign exchange and banks. Den. i kred. 19 no. 7 88-90 Jl '61.
Conferences and seminars. Den. i kred. 19 no. 7 93-95 Jl '61.
"Credit and banks in Russia; from the middle of the 17th century to 1861" by S. IA. Borovoi Reviewed by I. F. Gindin. Vop. ist. no. 7:139-151 Jl '61.
Economic work is an important factor in utilizing hidden potentialities in construction. A. Ferberg. Fin. SSSR 22 no. 3:58-63 Mr '61.
Exercise strictest financial control over the assignment of capital investment limits. G. Smirnov. Fin. SSSR 22 no. 3, 61-63 Mr '61.
Help to improve the accounting on collective farms. I. Lubiagin Den. i kred. 19 no. 7:69-71 Jl '61
Improve auditing work. F. Zinchenko. Den. i kred. 19 no. 7, 72-75 Jl '61
In the Board of Directors of the State Bank of the U. S. S. R. Den. i kred. 19 no. 7 91-92 Jl '61.
Increase control over capital construction financed at the request of the Construction Bank. M. Bekshenev. Den. i kred. 19 no. 7 76-78 Jl '61.
Reorganizing the system of purchasing agricultural products and State Bank's tasks. V. Nikitin. Den. i kred. 19 no. 7:29-34 Jl '61
Several problems of the State Bank's economic work in the field of currency circulation. I. IAgodin. Den. i kred. 19 no. 7:21-28 Jl '61.
Settlement of accounts among clients of main offices and suburban State Bank branches G. P. kred 19 no. 7 66-69 Jl '61.
State Bank's development during the regime and some problems in sho Atlas, M. M Usoskin. Nauch. zap '58.

BAPTISM
John, the Forerunner, as an antago IU. Skrypchenko. Voiov. ateist no

BAR ASSOCIATIONS
(see also subdivision under Komer
The Soviet legal profession and its strengthening of socialist legality. Sov. gos. i pravo no. 11:25-33 N

BARABA STEPPE—FORAGE PLANTS
Valuable wild forage plants of the Ba their cultivation. V. N. Guseva. Tr Sib. fil. AN SSSR no. 1:85-99 '56.

BARABA STEPPE—PASTURES AND
Dynamics of the development of gras of the southern Baraba Steppe. T. Bot. sada Zap.-Sib. fil. AN SSSR no

BARABOY VALLEY—ANTIQUITIES
Late paleolithic monuments in the Baraboy Valley V. I. Kraskovs'kyi. Mat. z arkheol. Pivn. Prychor. no. 3 175-183 '60

BARANKUL'SKIY DISTRICT—RUSSIAN NEWSPAPERS
The principal hero of a district newspaper. F. Dorinovskii, N. Nesterenko. Part. zhizn' Kazakh. 31 no. 7: 66-67 Jl '61.

BARANOVICH, ALEKSEI IVANOVICH, 1892-1961
A. I. Baranovich, obituary Vop. ist. no. 8 214 Ag '61.

BARANSKII, NIKOLAI NIKOLAEVICH, 1881-
Nikolai Nikolaevich Baranskii; on his 80th birthday. V. P. Korovitsyn, I. V. Nikol'skii, A. N. Rakitnikov Izv. Vses. geog. ob-va 93 no. 4 292-296 Jl-Ag '61.
On Nikolai Nikolaevich Baranskii's 80th birthday. I. M. Maergoiz, E. A. Trofimovskaia Izv. Vses. geog. ob-va 93 no. 4:289-291 Jl-Ag '61

BARENTS SEA—OCEAN TEMPERATURE
Advective component of heat balance in the southern part of the Barents Sea N. S. Uralov. Trudy GOIN no. 55 3-20 '60.

BARENTS SEA—POLYCHAETA
Plankton polychaetes Sphaerosyllis erinaceus Claparede and Phalacrophorus pictus Greeff in the Barents Sea [with summary in English]. S. A. Mileikovskii. Zool. zhur. 40 no. 7:1099-1102 Jl '61.

BARENTS SEA—SEA ICE
Method of forecasting general ice conditions in the Barents Sea for spring and summer months N. S. Uralov Trudy GOIN no. 55 21-29 '60.

BARGUZIN PRESERVE—BIRDS
Quantitative estimation of wintering birds in the northeastern part of the Lake Baikal region. S. P. Kirpichev. Ornitologiia no. 3:188-191 '59.

BARIUM COMPOUNDS
Coprecipitation of yttrium, zirconium, and barium with potassium sulfate. V. I. Grebenshchikova, V. N. Bobrova. Radiokhimiia 3 no. 4:384-390 '61.
Removal of iron from barium compounds. M. M Kushnir. Ukr. khim. zhur. 27 no. 4:542-543 '61

BARIUM OXIDES
Interaction of clinker silicates with barium oxide. I. I. Kholin, Z. B. Entin, IU. S. Malinin Zhur. prikl. khim. 34 no. 7:1419-1430 Jl '61.
Secondary emission from barium oxide. IU. G. Anikiev, B. N. Popov Fiz. tver. tela 3 no. 6 1768-1777 Je '61.

BARIUM TITANATE
Theory of barium titanate type ferroelectrics. G. P. Petin. Izv. vys. ucheb. zav., fiz. no. 2:125-131 '61.

BARLEY
[Barley] IAchmen'. [Moskva] Mosk. rabochii, 1961. 15 p. (Bibliotechka polevoda)
(DA)
Comparing spring barley yields with the yields of dual-purpose barley in spring and fall sowing. A. IAzadji, L. Dragici. Agrobiologiia no. 4:611-612 Jl-Ag '61.
Duration of regeneration and transformation dynamics of hemicelluloses in the barley stem. V. M. Terent'ev, N. N. Stesenko, Zh. I. Petrovich Biul. Inst. biol. AN BSSR no. 5:149-156 '60.
Effect of high soil moisture on the growth and development of barley. R. I. Lerman, F. D. Skazkin. Uch. zap. Ped. inst. Gerts. 178:3-10 '59.
Effect of soil conditions on the chemical composition of barley grain. V. M. Terent'ev, R. I. TSareva, A. N. Loiko. Biul. Inst. biol. AN BSSR no. 5:157-162 '60

BASARGECHAR DISTRICT—SOILS

Soil characteristics of the Aziabekov Collective Farm in Pokr Masra Village of Basargechar District [in Armenian with summary in Russian] A G Ehtendzhian Izv Upr sel'khoz nauki Arm SSR 4 no 2 61-72 '61

BASE-EXCHANGING COMPOUNDS

Exchange capacity of tar-cationites in wine making G. D. Ratyshnyi Izv vys. ucheb zav., pishch tekh no 2 137-113 '60

BASE-PLATES see Plates, Iron and steel

BASHKIRIA—COAL GEOLOGY

Connection between oil pools and coal deposits in the lower Carboniferous of northwestern Bashkiria. G. P. Ovanesov, K. S. IArullin. Vop. geol. vost. okr. Rus. platf. i IUzh. Urala no. 6 75-84 '60

BASHKIRIA—EDUCATION, PRESCHOOL

Development of a network of children's institutions on the collective and state farms of Bashkiria T R Bogdanova Doshk vosp 34 no 7 6-8 Jl '61

BASHKIRIA—GAS, NATURAL—GEOLOGY

Prospects for finding petroleum and gas in the Devonian reefs of the Bashkir Urals. M. A. Kamaletdinov. Vop. geol. vost. okr. Rus platf. i IUzh. Urala no. 6 55-59 '60.

BASHKIRIA—GEOLOGY, STRATIGRAPHIC

Mineralogical correlations of Devonian terrigenous formations in northeastern Bashkiria E. A. Aliamkina. Vop. geol. vost. okr. Rus. platf. i IUzh. Urala no. 6. 41-48 '60.

BASHKIRIA—HISTORY

Usmanov, A. N. [Incorporation of Bashkiria into the Russian state] Prisoedinenie Bashkirii k Russkomu gosudarstvu. Pod red. R. G. Kuzeeva, Ufa, Bashkirskoe knizhnoe izd-vo, 1960. 193 p.

BASHKIRIA—HOOPOES

Expansion of the range of hoopoe in Bashkiria. V. D. Il'ichev. Ornitologiia no. 2, 157-158 '59.

BASHKIRIA—OIL FIELDS—PRODUCTION METHODS

In a field of communist labor A Laletin, A. Safonov Neftianik 6 no 7 4-6 Jl '61

BASHKIRIA—OIL SANDS

Distribution of oil-reservoir rocks in the basal horizon of the Eifel stage in western Bashkiria. M. IU. Arzhavitina. Vop. geol. vost. okr. Rus. platf. i IUzh. Urala no. 6 35-40 '60.

Some distribution features of sandy oil-reservoir rocks in coal-bearing formations of southwestern Bashkiria. E. M. Khalimov. Vop. geol. vost. okr. Rus. platf. i IUzh. Urala no. 6 67-73 '60.

BASHKIRIA—PETROLEUM GEOLOGY

Connection between oil pools and coal deposits in the lower Carboniferous of northwestern Bashkiria. G. P. Ovanesov, K. S. IArullin. Vop. geol. vost. okr. Rus. platf. i IUzh. Urala no. 6. 75-84 '60.

Oil field prospecting in Bashkiria. G. P. Ovanesov, K. S. IArullin. Vop. geol. vost. okr. Rus. platf. i IUzh. Urala no. 6 17-33 '60.

Oil potential of the upper Famennian sediments in western Bashkiria A. Z. Siundiukov. Vop. geol. vost. okr. Rus. platf. i IUzh. Urala no. 6 49-54 '60.

Prospects for finding petroleum and gas in the Devonian reefs of the Bashkir Urals. M. A. Kamaletdinov. Vop. geol. vost. okr. Rus. platf. i IUzh. Urala no. 6. 55-59 '60.

prospecting trends in south- S. Ogarinov. Vop. geol. vost. okr.

BATHROOMS

Bathrooms without glued waterproofing I Egorov Stroitel' no 6 26 Je '61

BATHROOMS—EQUIPMENT AND SUPPLIES

Accelerated drying of bathroom fixtures B. N. Gak, N. S. Gavrilov. Stek i Fer 18 no. 7 20-21 Jl '61.

BATHS

Bath therapy for gonorrhea and postgonorrheal diseases in women A M Marhbits Vop kur., fizioter. i fiz. kul't 26 no 3 198-202 My-Je '61

Necessary increase in sanitary requirements for baths in connection with L. V. Shevlinkov's articles "Epidemiological characteristics of epidermophytosis and sanitary conditions of baths" A S. Rozenfel'd. Gig i san 26 no. 3 86-87 Mr '61

Treatment of peptic ulcer by rectal administration of novocaine in combination with balneotherapy S O Badyl'kes, E B Vygodner, M. R Vinogradova Vop kur., fizioter. i fiz. kul't 26 no 3 214-218 My-Je '61

BATHS—DISINFECTION

Disinfection of floating bath houses infected with epidermophytosis, abstract. V. G Leites Veen.-med zhur no 3 79 Mr '61.

BATHS, MOOR AND MUD

Treatment of ankylosing spondyloarthritis at a mud bath health resort. N. S. Sedun Vop kur., fizioter. i fiz. kul't 26 no 3 229-233 My-Je '61

BATHYTHERMOGRAPH

Graphic method of working up bathythermograph readings K. P. Shirokov. Trudy GOIN no 55 224-229 '60.

BATHYTHERMOGRAPH—TESTING

Results of testing an improved bathythermograph. I. M. Shenderovich, L. S Kleban, A. F. Plakhotnik Trudy NIKIMP no 9 97-101 '60

BATISHCHEV-TARASOV, STEPAN DMITRIEVICH, 1911-1961

Stepan Dmitrievich Batishchev-Tarasov; an obituary. Izv. AN Kazakh. SSR. Ser. geol. no. 2:126-127 '61.

BATMANOV, VLADIMIR ALEKSEEVICH, 1900-

On Vladimir Alekseevich Batmanov's 60th birthday G E Shul'ts Izv. Vses geog ob-va 93 no 4:345-346 Jl-Ag '61.

BATS

(see also subdivision under White Russia)

Interesting case of the migration of the bat Vesperitilio murinus L. [with summary in English]. A N Kuriskov Zool zhur 40 no 7,1108-1109 Jl '61

BATS—PARASITES see Parasites—Bats

BATTERIES, SOLAR see Solar batteries

BAUMGARTNER, WILFRED, 1902-

Wilfred Baumgartner. Nov. vrem 19 no. 35:21 Ag '61.

BAUXITE see subdivision under Gornaya Shoriya; Yenisey Ridge

BAVLY REGION—PETROLEUM

Individual hydrocarbon composition of the petroleums of Tataria Report No 5 Ligroine from the petroleum of the Bavly Oil Field B Le and others. Izv AN SSSR Otd khim. nauk no 7 1310-1315 Jl '61.

BAZARNYY KARABULAK—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Vostrikov, IU. A., and A. I. Makeev. [Communists of the "Rossiia" Collective Farm] Kommunisty kolkhoza "Rossiia," [Saratov] Saratovskoe knizhnoe izd-vo, 1960. 37 p.

BEAMS AND GIRDERS

Calculation of knee-reinforced beams L. I. Riabov Trudy LKI no. 39:101-116 '59.

Calculation of statically indeterminable girders. S. A. Smirnov. Trudy MIIGAIK no. 44:39-49 '61.

Designing beams for an anisotropic soil footing. L. P. Portaev. Trudy MIIGS no. 8 106-119 '58.

Designing thin-walled shafts with a simple connected closed profile. D. V. Bychkov. Trudy MIIGS no. 8: 5-42 '58.

Dynamic design of beams on elastic supports. S. A. Dobrodeev Trudy Ural. politekh. inst. no. 110:83-93 '61.

Investigating the performance of thin-walled bent beams of different lengths subjected to repeated varying torsion G. V Kabat Dokl. TSKhA no 55:113-118 '60.

Investigating thin-walled bent sections subjected to repeated variable loads. G. V Kabat, I. S Sinitsgovskii, A. D. Dvoeglazova. Trakt. i sel'khozmash 31 no. 8: 28-32 Ag '61

Manufacture of standard wire-reinforced concrete beams. S. A. Fradkin and others. Bet. i zhel.-bet. no. 7:315-319 Jl '61.

One case of strengthening reinforced concrete beams M. I Bychkov Trudy Ural. politekh. inst. no 80:5-15 '61.

Production line for manufacturing welded beams G. L. Peshkovskii. Mont. i spets. rab. v stroi [illegible] no [illegible] Jl '61

Sag in mesh-reinforced slag concrete beams under lengthy active loading S. M Skorobogatov Trudy Ural. politekh. inst no 110 12-19 '61

Some problems in designing prestressed beams manufactured on a standard chain B. P. Uitkin, M. I. Gol'man Bet. i zhel.-bet no 6 278-280 Je '61

Structural defects of the PK-01-05 series of standard reinforced concrete beams A. A. Ikert Promstroi 39 no 6 51-58 '61.

BEAMS AND GIRDERS—TESTING

Repeated variable torsion test of thin-walled members used in the manufacture of agricultural machinery G. V. Kabat, I. S Sinitsgovskii, A. D. Dvoeglazova Dokl. TSKhA no 55 135-142 '60.

Strength, rigidity, and fissure resistance in reinforced foamed slag concrete beams. S. M Skorobogatov, E. Kh. Metsger. Trudy Ural. politekh. inst. [illegible] 50-56 '61

BEARING INDUSTRY see subdivision under Minsk, Moscow

BEARING INDUSTRY—ACCOUNTING see subdivision under Moscow

BEARING INDUSTRY—HYGIENIC ASPECTS see subdivision under Moscow

BEARING INDUSTRY—PRODUCTION STANDARDS

Using consolidated norms for determining the need for number of auxiliary workers N IA Kabanov. Prom. stroitel' no 9 11-16 Ag '61.

BEARINGS (MACHINERY)

Cooling the journal bearings of cement mills V D Tokareva TSement 27 no 3 26 My-Je '61

Increasing the dimension stability of polyamide sleeves for antifriction bearings V N Lymzin, A. I. [illegible], A. K. Belopukhov. Plast massy no 8:64-66 '61.

Polyamides and their graphitic compositions as substitutes for nonferrous antifriction metals V N Pikalova Plast. massy no 7:71-72 '61

Wooden bearings in the ZKK-6 roller. L. I. Ginzburg Tekh. v sel'khoz 21 no 7,69-69 Jl '61

BEAUMARCHAIS, PIERRE, 1732-1799

Artamonov, S. D. [Beaumarchais; sketch of his life and works] Bomarshe, ocherk zhizni i tvorchestva. Moskva, Gos. izd-vo khudozh. lit-ry, 1960. 264 p. (CU)

BEAUTY CULTURE

Beauty aids. Mest. prom. i khud. promys. 2 no. 6 34 Je '61.

BEAUTY SHOPS—EQUIPMENT AND SUPPLIES see subdivision under Moscow

BEAVERS see subdivision under Moscow Province

BEDBUGS

The bedbug as a possible reservoir of Rickettsia burneti, experimental and epidemiological data [with summary in English]. A. B. Dalter Vop virus. 6 no 5 [illegible] S-O '60.

BEE CULTURE—STUDY AND TEACHING

Gubin, V. A. [School apiary] Shkol'naia pasека. Moskva, Gos. izd-vo detskoi lit-ry M-va prosv. RSFSR, 1961. 109 p. (Bibliotechka pionera "Znai i umei")

BEE MOTH—DISEASES

Morphology of the polyhedral virus of the wax moth (Galleria mellonella L.). O. I. Shvetsova. Dokl. AN SSSR 139 no. 2:481-482 Jl '61.

BEEF—GRADING

Draft standards for cattle and beef. N. Smirnitskaia and others. Mias. ind. SSSR 31 no. 4:33-34 '60

BEES

Iolish, N. P. [Bees and health] Pchely i zdorov'e. Moskva, [Izdatel'skoe biuro tresta "Meduchpossbie,"] 1961. 1 v. illus. (DNLM)

Lessons on the honey bees. P. P. Maksimov. Biol. v shkole no. 4:15-19 Jl-Ag '61.

Solar compass of bees (from "Urania," no 10, 1959) Priroda 50 no 8,112 Ag '61

BEES—DISEASES AND PESTS

Bacteriophage and bee diseases. N. I. Smirnova. Priroda 50 no. 8:109-110 Ag '61

BEETHOVEN, LUDWIG VAN, 1770-1827

Beethoven, Medtner. A. Medvedev. Sov. muz. 25 no. 7:93-94 Jl '61.

BEETHOVEN, LUDWIG VAN, 1770-1827—BIBLIOGRAPHY
see Bibliography—Beethoven, Ludwig Van, 1770-1827

BEETLES AS CARRIERS OF DISEASE
Recent discoveries of Gongylonema pulchrum Molin, 1857, producer of gongylonemiasis [with summary in English] R S Chebotarev, V P Polishchuk Zool zhur 40 no 7 976-982 Jl '61

BEGONIAS
Propagation of begonias in an aquarium. T. B. Kaganskaia. Biol v shkole no 1 83 Jl-Ag '61

BEKARIUKOV, DMITRII DMITRIEVICH, 1861-1934
Dmitrii Dmitrievich Bekariukov R M Zhmudskaia Fel'd i akush. 26 no 6 47-50 Je '61

BELAYA TSERKOV' DISTRICT—CONSTRUCTION INDUSTRY
Struggle for new productive victories D. Borisov. Sil'. tekh 11 no 6-7 Je '61.

BELAYA ZIMA VALLEY—KIMBERLITE
Kimberlite pipe in the south of the Siberian Platform. B M Vladimirov, V N Znamenovskii Dokl AN SSSR 139 no 2 438-441 Jl '61

BELEMNITES see subdivision under Siberia

BELGIUM—STRIKES AND LOCKOUTS
And this is justice! Sov. profsoiuzy 17 no. 13 32 Jl '61.
An unprecedented strike Yvette Joyo. Vsem prof. dvizh no 2 31-37 F '61.

BELGIUM—WORLD WAR, 1939-1945—PERSONAL NARRATIVES
Volf, A. IA. [In a foreign land; a documentary tale] V chuzhoi storone, dokumental'naia povest'. [Saratov] Saratovskoe knizhnoe izd-vo, 1960. 471 p.

BELGOROD PROVINCE—ALGAE, FOSSIL
First find of the subgenus Trochiliscus (Karpinskya) Croft in Devonian deposits of the Russian Platform. R B Samoilova Dokl AN SSSR 139 no 1, 206-207 Jl '61

BELGOROD PROVINCE—LABOR AND LABORING CLASSES—MEDICAL CARE
Exchange of experience among community councils M Gl'shakov. Okhr truda i sots strakh. 4 no. 6,11 Je '61

BELGOROD PROVINCE—STUDENT ACTIVITIES
Into the "treasure chest of the Pioneer two-year plan" N Romanenko IUn nat no 6 2 Je '61.

BELINSKII VISSARION GRIGOR'EVICH, 1811-1848
Belinskii in Moscow N Verkhovskaia Smena 38 no 11; 14-15 Je '61.
Brightly flaming torch of the human mind. V. Prozhogin Nauka i zhyttia 11 no 6 44-47 Je '61
Forefather of revolutionary and democratic pedagogics. N K Goncharov. Sov pedag. 25 no. 6;9-31 Je '61.
To live means to work, to act, to think N Kalenichenko Nauka i zhyttia 11 no 6 17 Je '61
Most prominent Russian educator of the first half of the 19th century V Z Smirnov. Sov. pedag 25 no. 6,32-43 Je '61
Syntactic characteristics in articles of V G.Belinskii, the founder of the Russian journalistic style L A Bystrova Rus iaz v shkole 22 no 3 55-59 My-Je '61
V G. Belinskii on aesthetic training T. D. Polozova. Sov pedag 25 no 6;58-61 Je '61.
V G Belinskii on the significance of children's literature in training and education I K Golubeva. Sov pedag. 25 no 6 44-52 Je '61
"Vissarion Belinskii, his time, personality, and ideas" by M Poliakov Reviewed by L. E. IAkobson Vop lit no 8 150-153 Ag '61.
Vissarion Belinskii M. Alekseev. Kul't i zhizn' 5 no. 6-13-14 '61
Vissarion Grigor'evich Belinskii. E. A. Luk'ianova. Nach shkola 20 no 6;15-20 Je '61
Vissarion Grigor'evich Belinskii. Uzbekiston 20 no. 6; 18 Je '61.

BELINSKII, VISSARION GRIGOR'EVICH, 1811-1848—BIBLIOGRAPHY see Bibliography—Belinskii, Vissarion Grigor'evich, 1811-1848

BELOGORSK—DEPARTMENT STORES
With the help of friends. S. Makarov. Sov. torg. 34 no. 7;38-40 Jl '61.

BELOYARSK—ATOMIC POWER PLANTS
The Kurchatov Atomic Power Plant in Beloyarskiy. Ukraina no.15-8 Ag '61

BELOZERSK DISTRICT—ROADS, CONCRETE
Reinforced-concrete road slabs in the Belozersk Logging Camp Les. prom. 30 no. 7 17 Jl '61.

BENCH MARKS
Setting of bench marks resulting from the freezing of the active layer in permafrost areas M S Uspenskii Trudy TSNIIGAIK no 135 89-96 '60

BENDING MACHINES
Automatic machine for making wire chaplets. V A Gorkin Sbor rats predl vnedr v proizv no 2;57-58 '61
Device for bending laminated disks of vacuum filters S L. Karas' Sbor rats predl vnedr. v proizv no 1 31 '61.
Semiautomatic machine for bending zigzag springs. D. L Naumov Der prom 10 no 6-19 Je '61

BENIAMINOV, ALEKSANDR DAVIDOVICH, 1904-
Kulikova, K. F. Aleksandr Beniaminov. [Leningrad, Iskusstvo, 1960] 145 p.
(MH)

BENN, ANTHONY WEDGEWOOD
In the "free world" He does not want to be a lord. Nov. vrem. 19 no. 33-34 Ag '61.

BENTHOS
(see also subdivision under Black Sea, Kakhovka Reservoir)
Formation of benthic fauna in reservoirs of the U. S. S. R. and their classification [with summary in English on page 153] TS I Iofe Izv VNIORKH 50 341-361 '61
Role of Harpacticoida in the macrobenthos biomass of some algal biotopes of the White Sea [with summary in English] I. L Chislenko. Zool zhur 40 no 7,983-996 Jl '61

BENTONITE
Use of bentonite clays in the construction of seepage preventing facings in irrigation canals. M P Karvitskii, L N Shamrai Gidr i mel 13 no. 7,28-34 Jl '61

BENZALDEHYDE
Pyrylium compounds having active methyl groups. Part I Reactions of 2-methyl-4, 6-diphenyl pyrylium perchlorate and 1, 2-dimethyl-4, 6-diphenyl pyridinium iodide with benzaldehyde and p-dimethylaminobenzaldehyde N V. Khromov-Borisov, L A Gavrilova Zhur ob khim 31 no 7 2192-2199 Jl '61
Some new types of the Arbuzov rearrangement. Part 13' Interaction of trialkyl phosphites with o- and p-nitrobenzaldehydes V. A. Kukhtin, K. M. Kirillova Zhur. ob. khim 31 no 7 2226-2233 Jl '61.

BENZAMIDINE
Trialyloxyphosphazo-N-arylsulfonylimidobenzoyls and N-dialyloxyphosphinyl-N'-arylsulfonylbenzamidines G. I. Derkach, G F Dvorkin, A V Kirsanov Zhur ob khim. 31 no 7 2385-2390 Jl '61.

BENZANILIDE
Relationship between the structure and properties of dyes, derivatives of benzanilide. Part 3 Disazo dyes from 1, 4'-diamino derivatives of phenylacetanilide and of benzoic benzylamide B M Krasovitskii, V B Smelianova Zhur ob. khim, 31 no. 7-2256-2260 Jl '61

BENZENE
Alkylation of benzene, toluene, and xylenes with 1, 3-dibromobutane. I P TSukervanik, L V. Bugrova Zhur ob. khim 31 no. 7 2143-2148 Jl '61.
Correlations in the substitution of hydrogen atoms by alkyl groups in the benzene nucleus Part 7: Relationship between the rate constants for the formation of isopropylbenzenes and the equation for the composition of the products from the alkylation of benzene by propylene in the presence of aluminum chloride [with summary in English]. V. G. Pliusnin and others Zhur fiz. khim. 34 no. 2;267-271 F '60
Cycloalkylation of aromatic compounds. Part 18 Reaction of benzene with 4-cyclohexylcyclohexanol. N. G. Sidorova, V. IU. Telly. Zhur ob khim. 31 no 7; 2149-2155 Jl '61.
Cycloalkylation of aromatic compounds. Part 19: Reaction of benzene with 1-cyclohexylcyclohexanol N G. Sidorova, N. I. Frakman, Zhur. ob. khim. 31 no. 7; 2155-2158 Jl '61.
Investigating the reaction of pentaphenyl phosphorus with benzene by means of tagged atoms. G. A. Razuvaev, G. G. Petukhov, N. A Osanova. Zhur. ob. khim 31 no. 7;2350-2353 Jl '61.
Investigating the reactivity of phenyllithium by means of exchange reactions. G A. Razuvaev and others. Zhur. ob. khim. 31 no 7;2347-2349 Jl '61.
Reaction of cohydrolysis of bis-(methyldichlorosilyl)-benzene with trimethylchlorosilane. K. A. Andrianov, N. V. Delazari. Izv. AN SSSR, Otd khim nauk no. 7-1266-1269 Jl '61.
Theory of solutions. Part 12: Dielectric polarization and molecular structure of nitrobenzene and acetone solutions [with summary in English]. M. I. Shakhparonov. Zhur. fiz. khim. 35 no. 6;1177-1186 Je '61.
Thermal condensation of dichlorosilane with chlorobenzene. K. A. Andrianov and others. Dokl. AN SSSR 139 no. 1;95-98 Jl '61.
Use of chromatographic analysis in ethylbenzene production control S. I Kirichnaia Khim prom no 7 465-467 Jl '61

BENZENE—SPECTRA
Calculation and interpretation of the absorption bands in the spectra of polysubstituted benzene A F Terpugova, L B Zubkova Izv vys ucheb zav tiz no 1 172-174 '61

BENZENESULFONIC ACID
Hydrolysis of chlorobenzenesulfone acid, a by-product of the DDT manufacture S G Rykhlis, A R. Perkina Khim prom no 7 461-464 Jl '61

BENZIDINE
Synthesis of 2, 2'-substituted benzidine B M Krasovitskii, D. G. Pertsikova Zhur VKHO 6 no 4 466 '61

BENZIMIDAZOLE
Quantitative determination of dibazole in a mixture with papaverine hydrochloride and diuretin [with summary in English]. M. S Baron, I. L Gurfinkel'. Apt. delo 10 no. 3, 32-34 My-Je '61.

BENZOIC ACID
o-(2, 3(CO), 6, 5(CO)-dibenzoylenedioxydinicotinoylbenzoic acid G IA Dubur, G IA Vanag Dokl AN SSSR 139 no 2;369-372 Jl '61

BENZOPHENAZINE—SPECTRA
Luminescence characteristics of 5-dimethylamino-1, 2-benzophenazine A S Tatikovskaia, I A Bozhevol'nov Zhur VKHO 6 no 4 475-476 '61

BENZOQUINONE
Interaction of ethyleneiminochloro-1, 4-benzoquinones with α-alanine ethers A N Makarova, A IA. Berlin Zhur ob khim 31 no 7 2353-2358 Jl '61.
Quinones. Part 36' Condensation of acetylacetone imines with p-benzoquinone A.N Grinev, V I Shvedov, I P. Sugrobova Zhur ob khim 31 no. 7 2298-2303 Jl '61
Quinones Part 37' Condensation of p-benzoquinone with anilides of β-aminocrotonic acids A N Grinev and others Zhur ob khim 31 no. 7 2303-2306 Jl '61

BENZOYL CHLORIDE
Medium and reactivity Part 7' Kinetics of the reaction of aromatic amines with benzoyl chloride in mixtures of benzene and acetic acid L M. Litvinenko, D. M. Aleksandrova. Ukr khim zhur 27 no 1-467-471 '61

BENZOYL PEROXIDE
Mechanisms of radical reactions. Part 6 Mechanism of the reaction between benzoyl peroxide and amines [with summary in English]. R I. Mikitinskaia, Kh S Bogdasar'ian. Zhur fiz khim. 34 no 2;405-412 F '60
Reactions of triethylaluminum and triphenylaluminum with benzoyl peroxide in benzene solution. G A Razuvaev, E V Mitrofanova, G G Petukhov Zhur ob khim. 31 no. 7 2340-2343 Jl '61

BENZYL ALCOHOL
Synthesis of methylphenylcarbinol xanthate. V. V Sal'nikov, Z. K. Panshina Zhur prikl khim 34 no 7 1638-1640 Jl '61

BENZYLAMINE
Hydroxybenzylamines obtained from phenol and its mononuclear derivatives [with summary in English] L A Igonin and others Zhur. fiz. khim. 34 no 2-287-294 F '60.

BERDYANSK—CABLES
The "arteries" of industry. O. Hordii. Ukraina no.15 3 Ag '61

BEREZINA VALLEY—DESCRIPTION AND TRAVEL
In the upper Berezina Valley. Ul. Butarau. Belarus' 16 no. 8;25 Ag '61

BEREZOVKA DISTRICT (ODESSA PROVINCE)—COLLECTIVE FARMS—MANAGEMENT
Improving the farm management system. M. A. Posmitnyi, V. M. Posmitnyi. Dokl i soob VNIESKH no. 4 97-105 '58.

BEREZOVSKIY (SVERDLOVSK PROVINCE)—MINERS—DISEASES AND HYGIENE
Underground health laboratory. L. Kremneva. Zdorov'e 7 no. 6;26 Je '61

BERING SEA—SEA BIRDS
Migrations and distribution of sea birds in the southeastern part of the Bering Sea in spring and summer [with summary in English]. V P. Shuntov. Zool zhur. 40 no. 7;1056-1060 Jl '61.

BERLIN
Berlin on August 13, 1961 Kurt Wedekind. Nov. vrem. 19no.34-6-9 Ag '61

BERLIN—ALLIED OCCUPATION, 1945-
First Soviet commandant of Berlin. Voen. znan. 37 no. 8 15 Ag '61.

BERLIN—INTERNATIONAL STATUS

Hold in check Bonn revanche plotters V. Alekseev Komm Vooruzh. Sil 1 no 16 77-81 Ag '61

How the Western Powers split Berlin Mezhdunar zhizn' 8 no 9:148-149 S '61

Let's ensure peace and international security Kommunist 38 no 12:26-30 Ag '61

BERLIN—THEATER

Two festivals and two cultures. M P Teatr 22 no. 7: 188 Jl '61

BERLIN, BATTLE OF, 1945

Edenskii, P. I. [In a determined direction] Na reshaiushchem napravlenii. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 142 p.

Makarenko, IA. I. [In the days of victory, sketches] V dni pobedy; ocherki. Moskva, DOSAAF, 1960. 117 p. (MH)

BERLIN QUESTION (1945-)

The view of an American on the peace treaty with Germany. Holland Roberts. Nov. vrem. 19 no. 33 13 Ag '61.

BERNOVO—COOPERATIVE SOCIETIES

Guarding the interests of shareholders R. Zorina Sov potreb koop 5 no 7 31-32 Jl '61

BERYLLIUM

Antonov, A. V., and others. [Neutron diffusion in beryllium, graphite, and water studied by the pulse method] Izuchenie diffuzii neitronov v berillii, grafite i vode impul'snym metodom. Moskva, 1955. 27 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Krasin, A. K., and others. [Study of beryllium as a neutron moderator] Izuchenie berilliia kak zamedlitelia neitronov. Moskva, 1955. 17 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

BERYLLIUM—ANALYSIS

Mezhiborskaia, Kh. B. [Photoneutron method for the determination of beryllium] Fotoneitronnyi metod opredeleniia berilliia. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhniki, 1961. 50 p.

BERYLLIUM—ISOTOPES

Interaction of 14.1 Mev neutrons with Be^9 [with summary in English] S A Miachkova, V. P Perelygin. Zhur eksp. i teor. fiz. 40 no 5:1244-1249 My '61.

Polarization of neutrons in the disintegration of Be^8 nuclei by circularly-polarized γ-quanta [with summary in English]. I Sh. Vashakidze, T. I. Kopaleishvili, G A. Chilashvili Zhur eksp. i teor. fiz. 40 no. 2 491-492 F '61

BERYLLIUM—MAGNETIC PROPERTIES

Magnetic properties of beryllium in the temperature range from 300 to 4.2° K [with summary in English]. B. I. Verkin, I M. Dmitrenko, I. V. Svechkarev. Zhur. eksp. i teor. fiz. 40 no. 2 670-671 F '61.

BERYLLIUM CHLORIDE

Polymorphism of beryllium chloride [with summary in English]. O. N Kuvyrkin and others. Zhur fiz khim 34 no 2 343-348 F '60.

BESNIER-BOECK DISEASE see Granuloma benignum

BESPOSHCHADNYI, PAVEL GRIGOR'EVICH, 1895-

Goncharov, N. E. [A poet's weapons; an account of the life and works of Pavel Besposhchadnyi] Oruzhie poeta; ocherk zhizni i tvorchestva Pavla Besposhchadnogo. Stalino, Knizhnoe izd-vo 1960. 156 p.

BETATRON

Application of Kramers' method to the calculation of the particle loss in cyclic accelerators due to the effect of scattering on betatron oscillations A N Didenko, A N Vall Zhur tekh. fiz 31 no 7:830-833 Jl '61

Calculation of electron motions in a betatron with an increasing toroidal magnetic field N. A. Volosnykh Izv vys ucheb zav., fiz no 2 46-51 '61

Electron capture in stationary conditions of betatron acceleration A P Komar and others Zhur tekh fiz 31 no 6 740-745 Je '61

BETAZINE

Betazine, a growth promoting substance used in fattening swine [with summaries in English, German, and French]. K. A. Orlov, G I Lazarev, A D Shevyrev. Vest sel'khoz nauki 6 no 7-72-77 Jl '61

BEYSHAN'—SAND

Primary sands of Central Asia. M P Petrov. Izv AN Turk. SSR. Ser biol. nauk no 2 47-50 '61

BEZYMYANKA—RAILROADS—REPAIR SHOPS

Visin, N. G. [Synchronous starting of SF and SG electric sections, practice of the workers of the Bezymyanka repair shop of the Kuybyshev Railroad] Sinkhronnyi pusk elektrosektsii SF i SG; opyt raboty kollektiva elektrodepo Bezymianka Kuibyshevskoi dorogi. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 42 p.

BHILAI, INDIA—METALLURGICAL PLANTS

Assembling rolling equipment at the Bhilai metallurgical plant in India G I Popov. Mont i spets. rab v stroi 23 no. 6:3-6 Je '61.

BIBLE—CARTOONS, SATIRE, ETC.

Jogand-Pages, Gabriel Antoine. [A comic Bible. Translated from the French. Preface by V. Shishakov] Zabavnaia Biblia. Pod red. V. Shishakova. Moskva, Gos. izd-vo polit. lit-ry, 1961. 468 p. [Publ. under his pseud. Leo Taxil.]

BIBLE—CRITICISM, INTERPRETATION, ETC.

Reshetnikov, N. A. [A word on the Bible] Slovo o bibli. Moskva, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, 1960. 30 p.

Udod, M. K. [Why you can not believe in the Gospels] Pochemu nel'zia verit' evangel'iiam? [Stalingrad] Stalingradskoe knizhnoe izd-vo, 1960. 21 p. (Besedy s veruiushchimi)

BIBLIOGRAPHICAL SERVICES

Zil'berminis, L. V. [Use of bibliographical sources in information services] Bibliograficheskie istochniki i rabota s nimi v sluzhbakh informatsii. Leningrad, 1961. 18 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Seriia: Metodika nostanovki nauchno-tekhnicheskoi informatsii i propagandy)

BIBLIOGRAPHY

Articles in Soviet historical periodicals. Vop. ist no. 6 163-165 Ag '61

[Book chronicle.] Knizh. let. nos. 31-33 '61; Ukazatel' statei za 1960 [Index of Series for 1960].

[Book chronicle] Knizh. let. nos. 34-35 '61.

[Information index of bibliographical lists and card files.] Inform. ukaz. bibl. spis. i kart. nos. 12-14 Je-Jl '61.

Just published. Stroi. truboprov. 6 no. 6:10 Je '61.

Mezhdunarodnaia kniga. [Books published by the Academy of Sciences of the U. S. S. R. during 1961; a publication plan] Izdatel'stvo Akademii nauk SSSR; knigi 1961. Plan vypuska. Moskva, 1961. 323 p. (Katalog dlia zafiavok, no. 29)

New books Bibliotekar' no. 7-63-64 Jl '61.

[illegible] Komm. Mold. 6 no. 8:111-112 Ag '61.

[illegible] Komm. Vooruzh. Sil 1 no. 13:93 Jl '61.

[illegible] ...ionist 38 no. 12:128 Ag '61.

...gi nos. 27-28, 31-33 Jl-Ag '61.

...i nos. 34-36 Ag-S '61.

... no. 8:160-162 Ag '61.

...nce and research abroad.] Nov. ...issl. rab. za rub. no. 5 '61.

...on science and general research ...v. sov. lit. o nauke i nauch.-issl. ...l.

...IETICS—STUDY AND TEACH-

... training. Sem'ia i shkola 16

...'A

... literature on the countries of the ...v. sov. i inostr. lit. po stran. zarub.

...'ULTURAL MACHINERY

...l'khoz. 21 no. 7:93 Jl '61.

...ULTURE

... agriculture; reviews [of foreign ...l za rub. Ser. V 5 no. 6:3-93 Je

Biology, medicine, and agriculture; reviews [of foreign literature]. Nov knigi za rub. Ser. V 5 no 7:3 86 Jl '61

Books received by the editor for review. Agrobiologiia no. 4:639 Jl-Ag '61.

[Information bulletin of new foreign books, received by the Lenin Library Series 2: Biological, medical, and agricultural sciences.] Inform. biul. nov. inostr. lit. postup. v Bibl. im. V. I. Len. Ser. 2: Biol., med i sel'skokhoz. nauki nos. 19, 21-24 '61.

List of books on agriculture received by the Central Agricultural Library (TsNSKhB) during May 1961 Nov knigi za rub Ser. V 5 no. 7:84-90 Jl '61.

List of books on agriculture received by the Central Agriculture Library (TsNSKhB) during April 1961. Nov knigi za rub. Ser. V 5 no 6:109-112 Je '61

List of books on biology, medicine, and agriculture received by the All-Union State Library of Foreign Literature (VGBIL) during March and April 1961 Nov knigi za rub. Ser. V 5 no. 6 94-100 Je '61

New books Mekh sil'. hosp. 12 no 8 3 of cover Ag '61

Publications of the Institute Dokl. i soob. VNII 'skii no 4 169-170 '58

Works of agricultural institutions. Vest. sel'khoz. na ki 6 no 7, 14, 25, 53, 56, 65, 68, 71, 101, 129, 135, 142, 155, 158 Jl '61.

BIBLIOGRAPHY—AGRICULTURE—STUDY AND TEACHING

Books on the school production brigades. [illegible] Biol. v shkole no 3-04-06 My-Je '61

BIBLIOGRAPHY—ANTARCTIC REGIONS

Bibliography Inform. biul Sov. antark. eksp no 26 50-52 '61.

Bibliography. Inform. biul. Sov. antark. ekap no 27 49-51 '61.

The following books on the Antarctic Regions published by the Geographical State Publishing House are on sale [illegible] nat no 7:31 Jl '61.

BIBLIOGRAPHY—APARTMENT HOUSES—MAINTENANCE AND REPAIR

New books. Zhil.-kom. khoz. 11 no. 5:36 My '61

BIBLIOGRAPHY—ARCHAEOLOGY

[New foreign literature on history, archaeology, and ethnography.] Nov. inostr. lit. po ist., arkheol. i etn no. 6 '61.

BIBLIOGRAPHY—ARMENIA

November 29 is the 40th anniversary of the establishment of Soviet rule in Armenia. Kal. znam. i pam. dat [Ukr.] 4th Quarter 17-51 '60.

BIBLIOGRAPHY—ARMENIAN PERIODICALS

Baraegian, Kh. A. [Bibliography of the Armenian Bolshevik periodical press, 1900-1920] Bibliografiia armianskoi bol'shevistskoi periodicheskoi pechati, 1900-1920. Erevan, Aipetrat, 1959. 386 p. [In Armenian with summary in Russian.] (MH)

BIBLIOGRAPHY—ART

[Literature and art of the peoples of the U.S.S.R. and foreign countries.] Lit. i isk. nar. SSSR i zarub. stran no. 4 '61.

BIBLIOGRAPHY—ARTILLERY

Artillery Day on November 19 Kal. znam. i pam. dat [Ukr.] 4th Quarter: 23-27 '60

BIBLIOGRAPHY—ASIA

[New Soviet and foreign literature on the countries of the non-Soviet East.] Nov. sov. i inostr. lit. po stran. zarub. Vost. no. 5 '61.

BIBLIOGRAPHY—ASTRONAUTICS

Through knowledge to the stars! O. Smekalina. Nar. obr. no. 8:90-92 Ag '61.

BIBLIOGRAPHY—ATHEISM

Atheistic education of children. V pom. shk. no 20. 59-66 '61.

BIBLIOGRAPHY—ATOMIC ENERGY

Brief news. Atom. energ. 11 no. 1:93-103 Jl '61.

BIBLIOGRAPHY—AUTOMATION

From periodicals June 1961. Mekh. i avtom. proizv. 15 no. 7:61-63 Jl '61.

New books on mechanization and automation of production processes to be published in the third quarter of 1961 Mekh. i avtom. proizv. 15 no. 7:58-60 Jl '61.

BIBLIOGRAPHY—AUTOMATION—ECONOMIC ASPECTS

Automation and society. E. Tiagai. Kommunist 38 no. 12:122-127 Ag '61.

BIBLIOGRAPHY—AZERBAIJANI LITERATURE—TRANSLATIONS INTO FOREIGN LANGUAGES

Efendiev, E. [Azerbaijani literature in languages of the peoples of the U.S.S.R.; a bibliography] Azərbaycan ədəbiiatı SSRI khalgiary dilərində; bibliografiia. Baky, 1960. 86 p. [In Azerbaijani.]

BIBLIOGRAPHY—BEETHOVEN, LUDWIG VAN, 1770-1827

[A guide to the holographs of L. Beethoven in depositories of the U.S.S.R.] Avtografy L. Betkhovena v khranilishchakh SSSR; spravochnik. Moskva, Gos. tsentr. muzei muzykal'noi kul'tury im. M. I. Glinki, 1959. 13 p.

BIBLIOGRAPHY—BELINSKII, VISSARION GRIGOR'EVICH, 1811-1848

Teachers' aid. Rus. iaz. v shkole 22 no. 3 59 My-Je '61

BIBLIOGRAPHY—BIOLOGY

Biology, medicine, and agriculture; reviews [of foreign literature]. Nov. knigi za rub. Ser. V 5 no. 6 3-93 Je '61

Biology, medicine, and agriculture; reviews [of foreign literature]. Nov. knigi za rub. Ser. V 5 no. 7;3-64 Jl '61

Brief notes on the new books. E. Nemchenko. Rad. shk. 40 no. 5 88-89 My '61

In foreign publishing houses. Nov. knigi za rub. Ser. V 5 no. 6-113-117 Je '61.

In foreign publishing houses. Nov. knigi za rub. Ser. V 5 no. 7,99-101 Jl '61

[Information bulletin of new foreign books, received by the Lenin Library. Series 2: Biological, medical, and agricultural sciences.] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 2: Biol., med. i sel'skokhoz. nauki nos. 19, 21-24 '61.

List of books on biology, medicine, and agriculture received by the All-Union State Library of Foreign Literature (VGBIL) during March and April 1961. Nov. knigi za rub. Ser. V 5 no. 6,94-100 Je '61

BIBLIOGRAPHY—BOOKSELLERS AND BOOKSELLING

Books for bookmen. Sov. knizh. torg. 13 no. 6;43 Je '61

BIBLIOGRAPHY—BORDER GUARD

Frontier-guard's Day. Kal. znam. i pam. dat. 6 no. 5-45-48 My '61.

BIBLIOGRAPHY—BUILDING MACHINERY

From the pages of foreign magazines. Mekh. stroi. 18 no. 5 32-3 of cover My '61

From the pages of magazines. Stroi i dor. mash. 6 no. 6 39-40 Je '61.

From the pages of Soviet magazines. Mekh. stroi. 18 no. 5,31-32 My '61.

From the pages of Soviet magazines. Mekh. stroi. 18 no. 7 32-3 of cover Jl '61.

New books. Stroi. i dor. mash. 6 no. 6;2 of cover Je '61

BIBLIOGRAPHY—BULGARIA

[New literature on European people's democracies and Slavic studies: Bulgaria.] Nov. lit. po evrop. stran. nar. dem. i slav. : Bolg. no. 6 '61

BIBLIOGRAPHY—BULGARIA—CONSTITUTIONAL LAW

A review of literature on constitutional law published in the People's Republic of Bulgaria, from 1958 to 1960. A. G. Mozokhina. Sov. gos. i pravo 31 no. 2 152-156 F '61

BIBLIOGRAPHY—BYZANTINE EMPIRE—HISTORY

Recent Soviet studies devoted to basic problems in the social and economic history of the Byzantine Empire, results of a discussion. Vop. ist. no. 6 111-124 Ag '61

BIBLIOGRAPHY—CARTOGRAPHY

Bibliography. Geod. i kart. no. 7-77-80 Jl '61.

BIBLIOGRAPHY—CHEMISTRY

Brief notes on the new books. E. Nemchenko. Rad. shk. 40 no. 5. 88-89 My '61

New books. Khim. v shkole 15 no. 3;85 My-Je '60.

Publication plan of the State Publishing House for Pedagogical Literature in 1960-1965. Khim. v shkole 15 no. 3,94-96 My-Je '60.

BIBLIOGRAPHY—CHILDREN'S LITERATURE

Romanticism in children's literature. O. Grudtsova. Sem'ia i shkola 16 no. 5;45-46 My '61.

BIBLIOGRAPHY—CLEMENS, SAMUEL LANGHORNE, 1835-1910

November 30 is the 125th anniversary of the birth of Mark Twain. Kal. znam. i pam. dat [Ukr.] 4th Quarter, 52-54 '60.

BIBLIOGRAPHY—COAL MINES AND MINING

Coming in 1961. I. Naumkin. Sov. shakht. 10 no. 3;41-42 Mr '61.

From pages of the April 1961 issues of journals. Ugol' Ukr. no. 6-47-48 Je '61.

New publications. Ugol' 36 no. 6;64 Je '61.

BIBLIOGRAPHY—COLONIES

Pull down the last bulwarks of colonialism. V pom. chit. no. 20,8-20 '61.

BIBLIOGRAPHY—COMMERCE

Books for workers engaged in commerce. B. Nazarov. Sov. torg. 34 no. 6 23-24 Je '61

To be published. Sov. torg. 34 no. 6;19, 40 Je '61.

BIBLIOGRAPHY—COMMUNISM

Guterman, E. A. [The Marxist-Leninist program for Communists from all over the world, brief listing of literature on the Conference of the Representatives of Communist and Workers' Parties in 1960] Marksistsko-leninskaia programma kommunistov vsego mira, kratkii ukazatel' literatury o soveshchanii predstavitelei kommunisticheskikh i rabochikh partii 1960 goda. Moskva, Izd-nie gos. biblioteki SSSR im. V. I. Lenina, 1961. 23 p.

Recommended literature on the program of the party. Komm. Vooruzh. Sil 1 no. 16-93 Ag '61

BIBLIOGRAPHY—COMMUNIST PARTY OF THE SOVIET UNION—CONGRESSES

Greet the 21st Congress of the CPSU. Kal. znam. i pam. dat. 6 no. 5 4-10 My- '61.

[Literature on the decisions of the 21st Congress of the CPSU, a catalog] Literatura, propagandiruiushchaia reshenia XXI s"ezda KPSS, katalog. [Moskva, Gospolitizdat, 1960] 35 p.

BIBLIOGRAPHY—CONFECTIONERY

Literature and inventions in various fields of the food industry. Khleb. i kond. prom. 5 no. 7 47-40 Jl '61.

BIBLIOGRAPHY—CONSTRUCTION INDUSTRY

Bibliography. Prom. stroi. 39 no. 6-62-64 '61

Books about experimental planning and construction. A. Zhuravlev, L. Kostikov. Na stroi. Ros. no. 5, 34-35 My '61.

Books published by the State Construction Publishing House. Biul. stroi. tekh. 18 no. 6, 47-48 Je '61.

Books published by the State Construction Publishing House. Stroi mat. 7 no. 7, 4 of cover Jl '61

Brief summaries of important publications of the Academy published by the State Construction Publishing House during the period December 1960 - January 1961. Izv. ASIA no. 1;130-131 '61.

From the pages of foreign magazines. Zhil. stroi. no. 6; 3 of cover Je '61.

From the pages of magazines. Prom. stroi. 39 no. 6; 3 of cover '61

From the pages of magazines. Stroi. i dor. mash. 6 no. 7; 3 of cover Jl '61.

New books. Sil' bud. 11 no. 7;24 Jl '61

New books. Stroitel' no. 2;31 F '61.

New books. Strotel' no. 6;31 Je '61

New books from the State Construction Publishing House. Mekh. stroi. 18 no. 6;32 Je '61.

State Construction Printing House books which appeared in March 1961. Mont. i spets. rab. v stroi. 23 no. 6; 3 of cover Je '61.

State Construction Publishing House books which appeared in April, 1961. Bet. i zhel.-bet. no. 7;4 of cover Jl '61

Summaries. Na stroi. Ros. no. 5;35-36 My '61.

Summaries. Na stroi. Ros. no. 6;39 Je '61.

BIBLIOGRAPHY—COSMIC RAYS

Akademiia nauk SSSR. Sektor sveti spetsial'nykh bibliotek. [Cosmic rays; bibliographic guide, 1956-1960] Kosmicheskie luchi; bibliograficheskii ukazatel', 1956-1960. Moskva, 1961. 193 p.

BIBLIOGRAPHY—CRIMINAL JUSTICE, ADMINISTRATION OF

We develop public participation in the struggle against the violation of Soviet laws and the rules of socialist public order. A. S. Shliapochnikov. Sov. gos. i pravo no. 11;114-120 N '60.

BIBLIOGRAPHY—CYPRUS—HISTORY

New studies on the history of Cyprus. B. T. Gorianov. Vop. ist. no. 7;185-187 Jl '61.

BIBLIOGRAPHY—CZECHOSLOVAKIA

Czechoslovak Socialist Republic. Kal. znam. i pam. dat. 6 no. 5;37-40 My '61.

[New literature on European people's democracies and Slavic studies: Czechoslovakia] Nov. lit. po evrop. stran. nar. dem. i slav. : Chekh. no. 6 '61.

BIBLIOGRAPHY—DECEMBRISTS

Moscow, Gosudarstvennaia publichnaia istoricheskaia biblioteka. [The Decembrist movement; bibliography of the literature, 1928-1959] Dvizhenie dekabristov; ukazatel' literatury, 1928-1959. Sost. R. G. Eimontova. Pri uchastii A. A. Solennikovoi. Pod obshchei red. M. V. Nechkinoi. Moskva, Izd-vo Vses. knizhnoi palaty, 1960, 434 p.

(MH)

BIBLIOGRAPHY—DIET IN DISEASE

New books. Vop. pit. 20 no. 4;96 Jl-Ag '61.

BIBLIOGRAPHY—DISARMAMENT

A world without weapons is a world without war. V pom. chit. no. 20,1-8 '61

BIBLIOGRAPHY—DISSERTATIONS, ACADEMIC

Moscow. Publichnaia biblioteka. [Catalog of candidates' and doctoral dissertations received by the V. I. Lenin Library and the State Central Medical Library] Katalog kandidatskikh i doktorskikh dissertatsii, postupivshikh v Biblioteku imeni V. I. Lenina i Gosudarstvennuiu tsentral'nuiu nauchnuiu meditsinskuiu biblioteku v 3-m kvartale 1960 goda. Moskva, 1961. 240 p.

BIBLIOGRAPHY—ECONOMICS

[New foreign books on the social sciences; economics, philosophy, history, international relations.] Nov. knigi za rub. po obshchestv. naukam; ekon., filos., ist., mezhdunar. otn. 4 no. 7 Jl '61.

[New foreign books on the social sciences; economics, philosophy, history, international relations.] Nov. knigi za rub. po obshchestv. naukam; ekon., filos., ist., mezhdunar. otn. 4 no. 8 Ag '61

[New foreign economic literature.] Nov. inostr. ekon. lit. no. 5 '61.

[New Soviet economic literature.] Nov. sov. ekon. lit. no. 18 '61.

[New Soviet economic literature.] Nov. sov. ekon. lit. nos. 18-21 '61.

BIBLIOGRAPHY—EDUCATION

Activation of educational and training methods in general schools, selective list of literature. Rad. shk. 40 no. 3 92-93 S '61

Bookshelf. Nar. obr. no. 8 89, 98, 105 Ag '61.

[Literature on the pedagogical sciences.] Lit. po ped. naukam i nar. obr. Jl-S 1960. no. 3 '61.

New books of the Publishing House of the Academy of Pedagogical Sciences of the R. S. F. S. R. Sov. pedag. 25 no. 6 150-152 Je '61.

BIBLIOGRAPHY—EDUCATION, PRESCHOOL

From the new books. A. I. Korobova, E. A. Danilova. Doshk. vosp. 34 no. 6 117-120 Je '61

BIBLIOGRAPHY—EDUCATION OF CHILDREN

Atheistic education of children. V pom. chit. no. 20; 50-56 '61

BIBLIOGRAPHY—ELECTRIC APPARATUS AND APPLIANCES

New publications on electric power in industry. Prom. energ. 16 no. 5;61-62 My '61.

BIBLIOGRAPHY—ELECTRONICS

[Annotated bibliography on electronics.] Annot. ukaz. lit. po radioelek. 17 nos. 13-14 '61.

Bibliography. Elektrosviaz' 15 no. 6;77-80, 3 of cover Ag '61.

BIBLIOGRAPHY—ENGELS, FRIEDRICH, 1820-1895

Moscow, Gosudarstvennaia publichnaia istoricheskaia biblioteka. [The founders of scientific communism; recommended literature on Marx and Engels] Osnovopolozhniki nauchnogo kommunizma; (chto chitat' o Markse i Engel'se), rekomendatel'nyi ukazatel' literatury, Moskva, 1961. 39 p.

November 28 is the 140th anniversary of the birth of Friedrich Engels. Kal. znam. i pam. dat [Ukr.] 4th Quarter 41-46 '60

BIBLIOGRAPHY—ETHNOLOGY

[New foreign literature on history, archaeology, and ethnography] Nov. inostr. lit. po ist., arkheol. i etn. no. 6 '61.

BIBLIOGRAPHY—FISHERIES

Recent literature on the fishing industry. V. A. Novskii. Ryb. khoz. 37 no. 6;86-87 '61.

BIBLIOGRAPHY—FORESTS AND FORESTRY

Books written for foresters. V. Kliuev. Les. khoz. 14 no. 7;91-92 Jl '61

Forestry practices abroad. Les. khoz. 14 no. 7-92 Jl '61

New books. Les. khoz. 14 no. 7;24, 30, 71, 76 Jl '61.

BIBLIOGRAPHY—FOUNDATIONS

Works on soil mechanics and foundation construction published in 1960 and 1961. Osn., fund. i mekh. grun. 3 no. 3;32-4 of cover '61.

BIBLIOGRAPHY—FOUNDING

New books on founding. Lit. proizv. no. 7;3 of cover Jl '61.

New books on founding. Lit. proizv. no. 8;3 of cover Ag '61.

BIBLIOGRAPHY—GAS, NATURAL—PIPELINES

Valuable, practical manuals. S. V. Shchenkov. Stroi. truboprov. 6 no. 5;31-32 My '61.

BIBLIOGRAPHY—GEOGRAPHY

New books, geography. IU. Kyr'iakov. Rad. shk. 40 no. 6 91-92 S '61

BIBLIOGRAPHY—GEOLOGY

Literature on geology and allied disciplines received by the library of the Department of Geological and Geographical Sciences of the Academy of Sciences of the U.S.S.R. during April 1961. Izv. AN SSSR. Ser. geol. 26 no. 7:117-128 Jl '61

BIBLIOGRAPHY—GERMANIUM

Bibliography. L. V. Chernyshova. Geol. mest. i el. ekon. no. 5 101-111 '59

BIBLIOGRAPHY—GOR'KII, MAKSIM, 1868-1936

Teachers' aid. Rus. iaz. v shkole 22 no. 3 48-49 My-Je '61

BIBLIOGRAPHY—HEALTH RESORTS, WATERING PLACES, ETC.

Some publications on health resort facilities. G. I. Sorokina. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 3 270-271 My-Je '61

BIBLIOGRAPHY—HISTORY

Bookshelf. Prep. ist. v shkole 16 no. 4 111-117 Jl-Ag '61

Brief notes on historical articles. Vop. ist. no. 7:189-200 Jl '61

Brief notes on historical articles. Vop. ist. no. 8 182-198 Ag '61

Foreign reviews of the works of Soviet historians. Vop. ist. no. 7 200-201 Jl '61

Foreign reviews of the works of Soviet historians. Vop. ist. no. 8 198-199 Ag '61.

Foreign translations of Soviet historical studies. L. L. Danilov. Vop. ist. no. 7 180-181 Jl '61

Historical articles in periodicals published in the people's democracies. Vop. ist. no. 7,188 Jl '61

Historical articles in periodicals published in the people's democracies. Vop. ist. no. 8 181-182 Ag '61

Historical articles in Soviet periodicals. Vop. ist. no. 7: 166-169 Jl '61

New books. Vop. ist. no. 7:161-166 Jl '61.

[New foreign books on the social sciences; economics, philosophy, history, international relations.] Nov. knigi za rub. po obshchestv. naukam, ekon., filos., ist., mezhdunar. otn. 4 no. 7 Jl '61.

[New foreign books on the social sciences, economics, philosophy, history, international relations.] Nov. knigi za rub. po obshchestv. naukam, ekon., filos., ist., mezhdunar. otn. 4 no. 8 Ag '61

[New foreign literature on history, archaeology, and ethnography] Nov. inostr. lit. po ist., arkheol. i etn. no. 6 '61.

BIBLIOGRAPHY—HUNGARY

[New literature on European people's democracies' Hungary.] Nov. lit. po evrop. stran. nar. dem.: Vengr. no. 6 '61.

BIBLIOGRAPHY—HYDROLOGY

Literature on meteorology, hydrology, and oceanography published in 1960 (continuation) Meteor. i gidrol. no. 8, 57-60 Ag '61.

BIBLIOGRAPHY—INDUSTRY

New books and information materials received by the Scientific Technical Library of the Armenian Economic Council. Prom. Arm. 4 no. 7 77-78 Jl '61

BIBLIOGRAPHY—INFORMATION THEORY

Bibliography. Elektrosviaz' 15 no. 8:77-80, 3 of cover Ag '61.

BIBLIOGRAPHY—INTERNATIONAL LAW

A valuable work on Russian studies in the field of international law ("Materials for the history of Russian studies in the field of international law, from 1917 to 1917" by V. E. Grubar'). Reviewed by D. B. Levin. Sov. [illegible] no. 2 187-190 F '61.

[illegible]ONAL RELATIONS

[illegible]ial sciences; economics, [illegible]ational relations.] Nov. [illegible] naukam, ekon., filos., [illegible].7 Jl '61.

[illegible]ial sciences; economics, [illegible]ational relations.] Nov. [illegible]naukam; ekon., filos., [illegible].8 Ag '61.

[illegible] FARMING

[illegible]e Southern Scientific Re[illegible]-Engineering and Land Re[illegible]dicals during 1956-1958. [illegible]:292-293 '59.

[illegible]IKHAIL IVANOVICH, 1875-

[illegible]versary of the birth of [illegible]am dat [Ukr.] 4th Quarter.

[illegible]'ERATURE

[illegible]raevala biblioteka. Biblio[illegible]writers from 1945 to 1958; [illegible]ni 1945-1958; bibliografi[illegible]ar, Izd-vo "Sovetskaia

[illegible] [MICROFILM]

BIBLIOGRAPHY—LANGUAGE AND LANGUAGES

Academic work at the universities of the Ukrainian S.S.R. in 1961. Ukr. mova v shkoli 11 no. 3:90-93 My-Je '61

[New foreign literature on linguistics.] Nov. inostr. lit. po iaz. no. 6 '61.

[New Soviet literature in linguistics.] Nov. sov. lit. po iaz. no. 6 '61

BIBLIOGRAPHY—LAW

New Soviet legal literature, April-May 1961. Sov. gos. i pravo 31 no. 8 148-151 Ag '61

New Soviet legal literature, August-September 1960. Sov. gos. i pravo no. 11,140-144 N '60

New Soviet legal literature, September-December 1960. Sov. gos. i pravo 31 no. 2 171-175 F '61

Youth on soviet law. V pom. shk. no. 20:51-57 '61

BIBLIOGRAPHY—LENIN, VLADIMIR IL'ICH, 1870-1924

Books about V. I. Lenin. Ar. i Ab. seg. no. 1:58-59 Ap '61.

BIBLIOGRAPHY—LITERATURE

[Information bulletin of new foreign books, received by the Lenin Library. Series 3: Social sciences, belles-lettres, art.] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 3 Obshchestv. nauki, khud. lit., ist. nos. 18-19, 21-22 '61.

[Information bulletin of new foreign books, received by the Lenin Library. Series 3: Social sciences, belles-lettres, art.] Inform. biul. nov. inostr. knig., postup. v Bibl. im. V. I. Len. Ser. 3: Obshchestv. nauki, khud. lit., ist. nos. 23-24 '61

List of youth in foreign authors' works. V pom. shk. no. 20 83-88 '61

[Literature and art of the peoples of the U.S.S.R. and foreign countries.] Lit. i isk. nar. SSSR i zarub. stran no. 1 '61.

BIBLIOGRAPHY—LITERATURE—HISTORY AND CRITICISM

[New foreign literature on the study of literature.] Nov. inostr. lit. po lit. no. 6 '61

[New Soviet literature on the study of literature.] Nov. sov. lit. po lit. no. 5 '61.

BIBLIOGRAPHY—LOCAL GOVERNMENT

Our bookshelf. Sov. deput. trud. no. 8:89-90 Ag '61.

BIBLIOGRAPHY—MACHINE ACCOUNTING

New books on statistics and accounting. G. Alfutin. Vest. stat. no. 7:81-82 '61

BIBLIOGRAPHY—MACHINERY

"New books on machinery." Reviewed by N. Vil'chur. Bibliotekar' no. 8 60-61 Ag '61

BIBLIOGRAPHY—MAPS

[Cartographic chronicle. 1960] Kart. iet., 1960. publ. 1961. 198 p.

BIBLIOGRAPHY—MARX, KARL, 1818-1883

Karl Marx. Kal. znam. i pam. dat 6 no. 5:16-20 My '61.

Moscow. Gosudarstvennaia publichnaia istoricheskaia biblioteka. [The founders of scientific communism, recommended literature on Marx and Engels] Osnovopolozhniki nauchnogo kommunizma, (chto chitat' o Markse i Engel'se), rekomendatel'nyi ukazatel' literatury. Moskva, 1961. 39 p.

BIBLIOGRAPHY—MATHEMATICS

Mathematics and physics. IA. Polonskyi. Rad. shk. 40 no. 5 89 My '61

BIBLIOGRAPHY—MAY DAY (LABOR HOLIDAY)

May the first, the day of the international solidarity of the workers. Kal. znam. i pam. dat 6 no. 5 11-15 My '61.

BIBLIOGRAPHY—MECHANICAL ENGINEERING

From periodicals, June 1961. Mekh. i avtom. proizv. 15 no. 7 61-63 Jl '61

New books. Mashinostroitel' no. 7:48 '61.

New books and information materials received by the Scientific Technical Library of the Armenian Economic Council. Prom. Arm. 4 no. 7:77-78 Jl '61

BIBLIOGRAPHY—MEDICINE

Biology, medicine, and agriculture; reviews [of foreign literature]. Nov. knigi za rub. Ser. V 5 no. 7:3-84 Jl '61.

Biology, medicine, and agriculture; reviews [of foreign literature]. Nov. knigi za rub. Ser. V 5 no. 6:3-93 Je '61

"Documents of the Central State Historical Archive of the U.S.S.R. in Leningrad in the works of Soviet investigators." Reviewed by IU. V. Bukin. Sov. zdrav. 20 no. 6 94-95 '61

In foreign publishing houses. Nov. knigi za rub. Ser. V 5 no. 6:113-117 Je '61.

In foreign publishing houses. Nov. knigi za rub. Ser. V 5 no. 7:99-101 Jl '61.

Index of articles published in "Meditsinskaia Sestra" for the period 1942-1959. Med. sestra 20 no. 6 60-62 Je '61

[Information bulletin of new foreign books, received by the Lenin Library. Series 2: Biological, medical, and agricultural sciences.] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 2 Biol., med. i sel'skokhoz. nauki nos. 19, 21-24 '61.

List of books on biology, medicine, and agriculture received by the All-Union State Library of Foreign Literature (VGBIL) during March and April 1961. Nov. knigi za rub. Ser. V 5 no. 6 94-100 Je '61

List of books on medicine received by the State Central Medical Library during April 1961. Nov. knigi za rub. Ser. V 5 no. 6 101-108 Je '61

List of books on medicine received by the State Central Medical Library during May 1961. Nov. knigi za rub. Ser. V 5 no. 7:85-93 Jl '61

New books. Sov. zdrav. 20 no. 6 88 '61

BIBLIOGRAPHY—MEDICINE, INDUSTRIAL

Soviet literature on hygiene and sanitation (published during the 1st half of 1960). Industrial hygiene, occ. dis. 26 no. 3 111-121 Mr '61.

BIBLIOGRAPHY—METEOROLOGY

Literature on meteorology, hydrology, and oceanography published in 1960 (continuation). Meteor. i gidrol. no. 9 57-60 Ag '61

BIBLIOGRAPHY—MINING ENGINEERING

Books on mining coal, ore, and non-metallic mineral deposits. Ugol' 36 no. 6:3-4 of insert Je '61.

New books on mining engineering. Ugol' Ukr. no. 6 3rd cover Je '61

BIBLIOGRAPHY—MOTION-PICTURE PHOTOGRAPHY

Photography and projection of motion pictures. Tekh. kino i telev. 5 no. 6:87-88 Je '61

BIBLIOGRAPHY—MOTION-PICTURE PHOTOGRAPHY—FILMS

Motion-picture film and its processing. Tekh. kino i telev. 5 no. 6,89-90 Je '61

BIBLIOGRAPHY—MOTION-PICTURE PROJECTION

Photography and projection of motion pictures. Tekh. kino i telev. 5 no. 6,87-88 Je '61

BIBLIOGRAPHY—MOTION-PICTURE PROJECTORS—PATENTS

Foreign patents for motion-picture projection. Tekh. kino i telev. 5 no. 6 91-92 Je '61

BIBLIOGRAPHY—MOTOR VEHICLES

New books. Avt. transp. 39 no. 6 60 Je '61

BIBLIOGRAPHY—MUNICIPAL SERVICES

Bibliography. Gor. khoz. Mosk. 35 no. 7:10-11 Jl '61.

New books. Zhil.-kom. khoz. 11 no. 6 36 Je '61

New books. Zhil.-kom. khoz. 11 no. 7:36 Jl '61

BIBLIOGRAPHY—NATURAL RESOURCES

Protect our natural resources! V pom. shk. no. 20 37-43 '61

BIBLIOGRAPHY—NEWSPAPERS

Bellaeva, L. N., M. K. Zinov'eva, and M. M. Nikiforov. [Bibliography of periodical publications of Russia, 1901-1916] Bibliografiia periodicheskikh izdanii Rossii, 1901-1916. Pod obshchei red. V. M. Baranzhenkova, O. P. Golubevoi, N. IA. Morachevskogo. Leningrad, Gos. publichnaia biblioteka.

Vol. 4. [Indices] Ukazateli. 1961. 398 p.

BIBLIOGRAPHY—OCEANOGRAPHY

Literature on meteorology, hydrology, and oceanography published in 1960 (continuation). Meteor. i gidrol. no. 9 57-60 Ag '61

BIBLIOGRAPHY—OPHTHALMOLOGY

List of dissertations in ophthalmology presented in 1960 in candidacy for the degree of doctor or candidate of medical, biological, veterinary, and pedagogical sciences. Oft. zhur. 16 no. 4:256 '61

BIBLIOGRAPHY—PAINTING, INDUSTRIAL

Reading for the painter. Stroitel' no. 2:31 F '61

BIBLIOGRAPHY—PHARMACY

New literature on pharmacy and related fields in 1959-1960. Apt. delo 10 no. 3:90-95 My-Je '61.

BIBLIOGRAPHY—PHILOSOPHY

[New foreign books on the social sciences; economics, philosophy, history, international relations.] Nov. knigi za rub. po obshchestv. naukam, ekon., filos., ist., mezhdunar. otn. 4 no. 7 Jl '61.

[New foreign books on the social sciences; economics, philosophy, history, international relations.] Nov. knigi za rub. po obshchestv. naukam, ekon., filos., ist., mezhdunar. otn. 4 no. 8 Ag '61.

[New foreign literature on philosophy.] Nov. inostr. lit. po filos. no. 5 '61.

BIBLIOGRAPHY – PHILOSOPHY (Continued)

New philosophical studies published in 1960 Vop filos. 15 no 7,179-193 '61

[New Soviet literature on philosophy.] Nov.sov.lit.po filos. no.6 '61.

BIBLIOGRAPHY—PHYSICAL EDUCATION AND TRAINING

Mezhdunarodnaia kniga. [Soviet books published by "Fizkul'tura i sport" during 1961] Sovetskie knigi izdatel'stva "Fizkul'tura i sport" na 1961 god. Moskva, 1961 127 p. (Katalog dlia zakazov, no. 25)

BIBLIOGRAPHY—PHYSICS

Bibliographic index of papers by workers of the laboratory of spectroscopy at the P.N. Lebedev Physical Institute of the Academy of Sciences of the U.S.S.R. Trudy Fiz. inst. 15:230-238 '61.

Mathematics and physics IA. Polonskyi Rad. shk 10 no 5 69 My '61

New books on physics T.O Vreden-Kobetskaia Usp. nauk 74 no 3 571-576 Jl '61

BIBLIOGRAPHY—PIONEERS (COMMUNIST YOUTH)

Birthday of the Pioneer organization. Kal. znam. i pam. dat 6 no 5 41-44 My '61

BIBLIOGRAPHY—PIPE

Just published Stroi. truboprov. 6 no 6 26 Je '61

BIBLIOGRAPHY—PIROGOV, NIKOLAI IVANOVICH, 1810-1881

November 25 is the 150th anniversary of the birth of N.I Pirogov Kal. znam. i pam. dat [Ukr.] 4th Quarter 34-40 '60

BIBLIOGRAPHY—PLASTERING

For the plasterer Stroitel no 6 31 Je '61

BIBLIOGRAPHY—POLAND

[New literature on European people's democracies and Slavic studies: Poland.] Nov.lit.po evrop.stran. nar.dem.i slav.: Pol' nos.5-6 '61

BIBLIOGRAPHY—PRESS

Day of the Press. Kal. znam. i pam. dat 6 no. 5:21-24 My '61.

BIBLIOGRAPHY—PUBLIC HEALTH

Book shelf. I.A. Kassirskii, I.A. Zinov'ev Zdorovie 7 no 6:29 Je '61

BIBLIOGRAPHY—RADIO

Radio Day. Kal. znam. i pam. dat 6 no. 5:29-32 My '61.

BIBLIOGRAPHY—RAILROADS

From pages of foreign journals Zhel. dor. transp. 13 no. 6 94 Je '61

New books. Vest. TSNII MPS 20 no 4:3 of cover '61.

BIBLIOGRAPHY—RARE EARTH METALS

Bibliography on economics, geology, mineralogy, and geochemistry of rare earth element deposits I. V. Cherepysheva Geol. mest. red. elem. no 3 110-175 '59

BIBLIOGRAPHY—REFRACTORY MATERIALS

Bibliography. Ogneupory 26 no.6 296 '61.

BIBLIOGRAPHY—REFRIGERATION AND REFRIGERATING MACHINERY

Prilutskii, D.N. [Bibliography on refrigeration engineering for 1923-1955] Bibliograficheskii spravochnik po voprosam kholodil'noi tekhniki za 1923-1955 gg. Moskva, Gos. izd-vo torg. lit-ry, 1956. 246 p.

BIBLIOGRAPHY—RELIGION

The truth about sectarians V pom. chit no 20:67-73 '61

BIBLIOGRAPHY—ROAD CONSTRUCTION

New books Avt. dor. 24 no. 6:30 Je '61.

BIBLIOGRAPHY—ROAD MACHINERY

From the pages of magazines Stroi. i dor. mash. 6 no 6 39-40 Je '61.

New books Stroi. i dor. mash. 6 no. 6:2 of cover Je '61

BIBLIOGRAPHY—RUMANIA

[New literature on European people's democracies and Slavic studies: Rumania.] Nov.lit.po evrop.stran.nar. dem.i slav.: Rum. no.3 '61.

[New literature on European people's democracies and Slavic studies: Rumania.] Nov.lit.po evrop.stran.nar. dem.i slav.: Rum. no.6 '61.

BIBLIOGRAPHY—RUSSIA

How the face of our country is being changed. V pom. chit no.20 27-35 '61

Those for whom we have no place in our life. N Dobrynina. Bibliotekar' no 8 47-50 Ag '61.

BIBLIOGRAPHY—RUSSIA—CONSTITUTION

December 5 is Constitution Day in the U.S.S.R. Kal. znam i pam dat [Ukr.] 4th Quarter 55-63 '60.

BIBLIOGRAPHY—RUSSIA—ECONOMIC POLICY

Who does not work does not eat. V pom chit no 20: 15-50 '61

BIBLIOGRAPHY—RUSSIA—REVOLUTION, 1917-1921

The 43rd anniversary of the Great October Socialist Revolution on November 7 Kal znam i pam dat [Ukr.] 4th Quarter 3-14 '60

BIBLIOGRAPHY—RUSSIAN LANGUAGE

New literature for Russian language teachers Rus. iaz v shkole 22 no 3 104-110 My-Je '61

BIBLIOGRAPHY—RUSSIAN LITERATURE

Soviet authors' new works about youth V pom chit no 20 75-81 '61

BIBLIOGRAPHY—RUSSIAN PERIODICALS

Beliaeva, L.N., M.K. Zinov'eva, and M.M. Nikiforov. [Bibliography of periodical publications of Russia, 1901-1916] Bibliografiia periodicheskikh izdanii Rossii, 1901-1916. Pod obshchei red. V.M. Baranzhenkova, O.D. Golubevoi, N.IA. Morachevskogo. Leningrad, Gos. publichnaia biblioteka,
Vol. 4. [Indices] Ukazateli. 1961. 398 p.

BIBLIOGRAPHY—SANITARY ENGINEERING

Annotated list of literature Vod. i san. tekh. no 2 10 F '61

Annotated list of literature Vod. i san. tekh. no 7 38-39 Jl '61

BIBLIOGRAPHY—SCIENCE

Brief notes on books. Priroda 50 no. 8:91 Ag '61.

[Information bulletin of new foreign books, received by the Lenin Library. Series 1: Physical-mathematical, chemical and geological-geographical sciences, technology and technological sciences.] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V.I. Len. Ser. 1: Fiz-mat., khim. i geol.-geog. nauki, tekh. i tekh. nauki nos. 19, 22-24 '61.

Mezhdunarodnaia kniga. [Physical and mathematical literature and scientific and technical dictionaries] Fiziko-matematicheskaia literatura i nauchno-tekhnicheskie slovari. Moskva, 1961 66 p. (Katalog dlia zakazov, no. 12)

BIBLIOGRAPHY—SHEVCHENKO, TARAS, 1814-1861

Language of T.G. Shevchenko in the research of Soviet linguists. Ukr. mova v shkoli 11 no. 3:79-82 My-Je '61.

BIBLIOGRAPHY—SHOSTAKOVICH, DMITRII DMITRIEVICH, 1906-

Sadovnikov, E.L., comp. [D.D. Shostakovich; a bibliography of his works] D.D. Shostakovich; notograficheskii spravochnik. Moskva, Sovetskii kompozitor, 1961. 84 p.

BIBLIOGRAPHY—SIBERIA—GEOLOGY

Literature on the geology of Siberia received by the State Public Library of Science and Technology of the Siberian Branch of the Academy of Sciences of the U.S.S.R. (except Irkutsk and Chita Provinces and the Buryat A.S.S.R.). Geol. i geofiz. no. 6 109-113 '61.

BIBLIOGRAPHY—SOCIAL SCIENCES

[Information bulletin of new foreign books, received by the Lenin Library. Series 3: Social sciences, belles-lettres, art.] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V.I. Len. Ser. 3: Obshchestv. nauki, khud. lit., isk. nos. 18-19, 21-22 '61.

[Information bulletin of new foreign books, received by the Lenin Library. Series 3: Social sciences, belles-lettres, art] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V.I. Len. Ser. 3: Obshchestv. nauki, khud. lit., isk. nos. 23-24 '61.

BIBLIOGRAPHY—SOIL MECHANICS

Works on soil mechanics and foundation construction published in 1960 and 1961. Osn., fund. i mekh. grun. 3 no. 3:32-4 of cover '61.

BIBLIOGRAPHY—SOUND—RECORDING AND REPRODUCING

Sound recording and reproducing. Tekh. kino i telev. 5 no. 6:86 Je '61.

BIBLIOGRAPHY—SOVIET FAR EAST—DISCOVERY AND EXPLORATION

Books on heroic discoveries in the Far East. A.A. Uranosov, V.N. Fedchina Priroda 50 no. 8, 120-121 Ag '61

BIBLIOGRAPHY—SPECTRUM ANALYSIS

New books. Zav. lab. 27 no 6:cover '61.

BIBLIOGRAPHY—SPORTS—HYGIENIC ASPECTS

"Bibliography of sports medicine and related fields with a review of foreign literature 1936-1953" [in German] by A. Arnold Reviewed by D. V. Lebedev. Sov. zdrav. 20 no 6 93-94 '61

BIBLIOGRAPHY—STANDARDIZATION

From technical periodicals. T.V Truskoliavskaia Standartizatsiia 25 no. 8:63 Ag '61

BIBLIOGRAPHY—STARYTS'KYI, MYKHAILO, 1840-1901

December 14 is the 120th anniversary of the birth of M.P Starytskyi Kal. znam. i pam. dat [Ukr.] 4th Quarter 64-66 '60

BIBLIOGRAPHY—STATISTICS

New books on statistics and accounting. G. Altukin Vest. stat. no 7 81-82 '61

Statistical problems discussed in newspapers and journals Vest. stat. no 7 82-83 '61

BIBLIOGRAPHY—SURVEYING

Bibliography. Geod. i kart. no 7:77-80 Jl '61

BIBLIOGRAPHY—TAGORE, SIR RABINDRANATH, 1861-1941

Moscow. Vsesoiuznaia gosudarstvennaia biblioteka inostrannoi literatury. [Rabindranath Tagore, a bibliography] Rabindranat Tagor, bio-bibliograficheskii ukazatel'. Moskva, Izd-vo Vses. knizhnoi palaty, 1961. 173 p. (Pisateli zarubezhnykh stran)

Rabindranath Tagore, 1861-1941 V pom. chit no 20: 89-91 '61

BIBLIOGRAPHY—TECHNOLOGICAL INNOVATIONS

New books on mechanization and automation of production processes to be published in the third quarter in 1961 Mekh. i avtom. proizv. 15 no 7 58-60 Jl '61

BIBLIOGRAPHY—TECHNOLOGY

General technical disciplines, metallurgy, science of metals, metalwork, machinery manufacture, instrument manufacture, heat engineering, electric engineering, electronics, radio engineering, automatic control, calculating machines, mining, construction, food industry, printing, and organization of production, reviews [of foreign literature] Nov. knigi za rub. Ser. B 5 no 7:3-131 Je '61.

In foreign publishing houses. Nov. knigi za rub. Ser. B 5 no. 7, 150-156 Je '61.

[Information bulletin of new foreign books, received by the Lenin Library. Series 1: Physical-mathematical, chemical and geological-geographical sciences; technology and technological sciences.] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V.I. Len. Ser. 1: Fiz-mat., khim. i geol.-geog. nauki, tekh. i tekh. nauki nos. 19, 22-24 '61.

List of books on engineering received by the State Public Library of Science and Technology during May 1961. Nov. knigi za rub. Ser. B 5 no. 7:135-138 Je '61

List of books on engineering received by the State Public Library of Science and Technology of the Siberian Branch of the Academy of Sciences of the U.S.S.R. during April 1961 Nov. knigi za rub. Ser. B 5 no. 7:139-149 Je '61

Mezhdunarodnaia kniga. [Physical and mathematical literature and scientific and technical dictionaries] Fiziko-matematicheskaia literatura i nauchno-tekhnicheskie slovari. Moskva, 1961. 66 p. (Katalog dlia zakazov, no. 12)

BIBLIOGRAPHY—TELECOMMUNICATION

Bibliography Elektrosviaz' 15 no 8:77-80, 3 of cover Ag '61.

BIBLIOGRAPHY—TELEVISION

Television Tekh. kino i telev. 5 no. 6, 84-85 Je '61.

BIBLIOGRAPHY—TEXTILE INDUSTRY

From pages of the periodicals published by economic councils Tekst. prom. 21 no 4:93-95 Ap '61

New developments in foreign technology Tekst. prom. 21 no 4, 89-92 Ap '61

BIBLIOGRAPHY—TOLSTOI, LEV NIKOLAEVICH, 1828-1910

November 20 is the 50th anniversary of the death of L.N Tolstoi Kal. znam i pam dat [Ukr.] 4th Quarter 33-37 '60

BIBLIOGRAPHY—TUMORS

Soviet literature on cancer published during 1958 (continuation). S.G. Lifshits. Vop. onk. 5 no 11 634-640 '59.

BIBLIOGRAPHY—TUNGUSIC LANGUAGES

Gortsevskaia, V.A. [Outline history of the teaching of the Tungusic-Manchu languages] Ocherk istorii izucheniia tungusо-man'chzhurskikh iazykov. Leningrad, Uchpedgiz, 1959. 77 p. (Istoriia otechestvennogo iazykoznaniia, no.2)
(MH)

BIBLIOGRAPHY—TURKMENISTAN—AGRICULTURE

Defense of dissertations A.A. Alova. Izv. AN Turk. SSR. Ser. biol. nauk no 2, 87 '61

BIBLIOGRAPHY—UKRAINE

[New books of the Ukrainian S.S.R.] Novi knyhy URSR nos. 9-14 Ap-Jl '61.

BIBLIOGRAPHY—UKRAINE—PHYSICAL GEOGRAPHY

Kovalenko, K.O., and P.IU. Vysots'ka. [Physical geography of the Ukrainian S.S.R., 1840-1958, a bibliographic guide] Fizychna heohrafiia URSR, 1840-1958 rr. Bibliohrafichnyi pokazhchyk. Kyiv, Vyd-vo Akad. nauk URSR, 1960. 399 p.
(NN)

BIBLIOGRAPHY—UZBEK POETRY—HISTORY AND CRITICISM
Briefly about new books Obshchestv nauki v Uz no 1 69-70 '61.

BIBLIOGRAPHY—UZBEKISTAN—HISTORY
Briefly about new books Obshchestv. nauki v Uz no 5 69-70 '61

BIBLIOGRAPHY—VENEZUELA—HISTORY
New studies on the history of Venezuela L.R. Lavretskii Vop ist no 8 175-178 Ag '61

BIBLIOGRAPHY—VITVER, IVAN ALEKSANDROVICH, 1890-
List of Professor I. A. Vitver's publications. Vop geog. no. 53:183-186 '61

BIBLIOGRAPHY—VOCATIONAL EDUCATION
New books on vocational and technical education. Shkola i proizv. 5 no 7:83-84 Jl '61

BIBLIOGRAPHY—WOODWORKING INDUSTRIES
From pages of technical and economic bulletins of the economic councils Der. prom 10 no. 6 25 Je '61.
From the pages of technical and economic bulletins of economic councils. Der. prom 10 no. 7, 30-31 Jl '61
New books. Der prom 10 no. 6 24-25 Je '61.

BIBLIOGRAPHY—WOOLEN AND WORSTED MANUFACTURE—LABOR PRODUCTIVITY
Booklets on the innovators in wool cloth manufacture. N I Eremin. Tekst. prom 21 no 4 83-84 Ap '61.

BIBLIOGRAPHY—WORLD POLITICS
Guterman, E.A. [The Marxist-Leninist program for Communists from all over the world, brief listing of literature on the Conference of the Representatives of Communist and Workers' Parties in 1960] Marksistsko-leninskaia programma kommunistov vsego mira; kratkii ukazatel' literatury o soveshchanii predstavitelei kommunisticheskikh i rabochikh partii 1960 goda. Moskva, Izd-nie gos. biblioteki SSSR im. V. I. Lenina, 1961. 23 p.

BIBLIOGRAPHY—WORLD WAR, 1939-1945
Victory holiday. Kal. znam. i pam. dat 6 no. 5:33-36 My '61.

BIBLIOGRAPHY—YOUTH
World Youth Day on November 10 Kal znam i pam dat [Ukr.] 4th Quarter 15-22 '60

BIBLIOGRAPHY—YUGOSLAVIA
[New literature on Yugoslavia.] Nov. lit. po IUg. nos. 5-6 '61.

BICHEL', DANUTA
First steps ("The heart of a girl", verse by Danuta Bichel' Reviewed by P. Pestriak). Belarus' 18 no. 8 31 Ag '61.

BICYCLE RACING
Six "Kapitonova," V. Dairedzhiev. Smena 38 no. 13: 25-26 Jl '61.

BICYCLES AND TRICYCLES
New motorcycles, motor-mounted bicycles and bicycles. A. Antonov. Sov. potreb. koop 5 no 6:59-61 Je '61.

BIG DIPPER see Ursa Major

BILE DUCTS—DISEASES
Lambliasis of the bile ducts. E D. Polumordvinova. Fel'd. i akush. 26 no. 7:9-12 Jl '61.

BIOCHEMICAL GENETICS see Chemical genetics

BIOLOGY—AUDIO-VISUAL AIDS
"Homemade visual aids" by P P. Stepanov Reviewed by S A Kivotov. Biol. v shkole no. 4:95-96 Jl-Ag '61

BIOLOGY—BIBLIOGRAPHY see Bibliography—Biology

BIOLOGY—PHILOSOPHY
"Darwinism and philosophy." Reviewed by Z. V. Kaganova Vop filos 15 no. 7 173-175 '61.
Some problems of present-day biology in the light of V I Lenin's work "Materialism and empiric criticism B G Ioganzen Trudy TGU 149 139-149 '60
Unity of analysis and synthesis in I P Pavlov's teaching. IA. M Bahosau Vestsi AN BSSR Ser biial nav no 2 46-50 '61.

BIOLOGY—STUDY AND TEACHING
(see also subdivision under Kursk Province; Novosibirsk Province)
Biologic competition. V. M. Brazhnik. Biol. v shkole no. 3:86-87 My-Je '61.
Central section on the methods of teaching biology of the Pedagogical Society of the R. S F S. R. I G. Belov Biol. v shkole no. 4:90-91 Jl-Ag '61
Educational significance of the experimental work of students. A. N Akopian. Biol v shkole no 3, 42-45 My-Je '61.
Elucidating the achievements of agricultural science and the experience of progressive workers in the process of studying biology. A. S. Palamarchuk Rad. shk 40 no 5:42-44 My '61.
"General methods for teaching biology" by B. V. Vseesviatskii. Reviewed by M R Baldaev. Biol v shkole no 3 88-90 My-Je '61
Independent work of students in biology classes. L. E. Loginova. Biol v shkole no. 3, 6-9 My-Je '61
Let's give a worthy welcome to the 22d Congress of the CPSU! Biol. v shkole no 4 3-6 Jl-Ag '61

BIOMATHEMATICS
Data on I. P. Pavlov's attitude toward the use of mathematical methods for the study of problems of nutrition and of the higher nervous activity V. L Merkulov Zhur nevr. i psikh. 61 no 4 600-605 '61

BIOMETRY
Systems of statistical characteristics unconnected with moments [with summary in English] V. IU Urbakh Biofizika 6 no 4 385-391 '61

BIPHENYL
Reaction of acrylonitrile with biphenyl. F. M. Mandrosova, G I. Kudriavtsev. Zhur. ob. khim. 31 no. 7 2246-2248 Jl '61

BIPHENYLCARBOXALDEHYDE
Polarographic determination of p-biphenylcarboxaldehyde E A Preobrazhenskaia, V D. Bezuglyi Zav lab 27 no 7 814-816 '61

BIRCH
Panel parquet floor made of birch strips. V. Protserov Zhil.-kom. khoz. 11 no 7 27-29 Jl '61.

BIRDS
(see also subdivision under Aksu-Dzhabagly Preserve; Aktyubinsk Province; Barguzin Preserve; Bol'shoy Aynov Islands; Cherskiy Range; Chukchi Peninsula, Kazakhstan; Kopet Dag, Kura-Aras Lowland; Kzyl-Orda Province; Malyy Aynov Island; Russia, Northern, Siberia, Western; Tarbagatay Range; Tien Shan; Tuva Autonomous Province; Ural Valley; West Kazakhstan Province)
Notes on the taxonomy of some Palearctic birds. L. S. Stepanian. Ornitologiia no. 2:77-80 '59.
Stages in the development of birds. L. P. Poznanin. Ornitologiia no. 2 46-53 '59.

BIRDS—ANATOMY
Formation of the rhamphotheca in birds. D. N. Gofman. Ornitologiia no. 2:63-76 '59.

BIRDS—CLASSIFICATION
Types in the ornithological collection at the Zoological Museum of Moscow University. A. M. Suditovskaia. Ornitologiia no. 2:81-88 '59.

BIRDS—EGGS AND NESTS
(see also subdivision under Chiyla'-Dary Valley)
Nesting of the lammergeier in the Tien Shan. B. K. Shtegman. Ornitologiia no. 2:214-217 '59.
Relationship between the nesting and flight characteristics in hawks. V. E. IAkobi. Ornitologiia no. 2:35-40 '59.
Reproduction of the redstart Phoenicurus erythrogaster grandis Gould in the central Tien Sha. A. Kydyraliev. Ornitologiia no. 2:209-213 '59.
Specific features of the behavior of warblers during the nesting period. E. N. Derim. Ornitologiia no. 2:54-58 '59.

BIRDS—EMBRYOLOGY see Embryology—Birds

BIRDS—FOOD
Ecology of the spoonbills and its role in the fishery management of the Volga Delta. N. N. Skokova. Ornitologiia no. 2:262-270 '59.
Feeding of starlings during the nesting period [with summary in English] G D Shlapak. Zool zhur 40 no 7 1106-1108 Jl '61
Feeding of the saker (Falco cherrug coatsi Dementiev) in Badkhyz (southeastern Turkmenistan) A N. Sukhanin Izv. AN Turk. SSR. Ser. biol nauk no. 2 82-84 '61.
Feeding of the sharp-winged grouse in Sakhalin. I. P. Mishin. Ornitologiia no. 2:197 '59.
Winter feeding of the redstart Phoenicurus erythrogaster erythrogaster Guld. in the central Caucasus. R. L. Beme. Ornitologiia no. 2:208 '59.

BIRDS—HABITS AND BEHAVIOR
(see also subdivision under Antarctic regions; Chu Valley; Issyk-Kul' Depression; Ukraine)
Behavior of bank swallows during cold spells. I. A. Kirivitskii, E. T. Il'enkov. Priroda 50 no 8, 127 Ag '61
Birds as our friends ("Sun greeters" by German Sokolov. Reviewed by D P Lobanov) Priroda 50 no 8:118 120 Ag '61
Extrapolation reflexes in ducks. L. V. Krushinskii, G. P. Parfenov. Ornitologiia no. 2:59-62 '59.
My winged favorites I. P Sosnovskii. Doshk vosp 34 no 7:87-92 Jl '61.

BIRDS—MIGRATION
(see also subdivision under Caucasus)
Comparative study of fall migration of diving birds based on counts made along their permanent routes and on the reservation lake. V. N. Karpovich. Ornitologiia no. 2 248-255 '59.
Mass migration of the Pallas' sand grouse to the steppes of Aktyubinsk Province IU. A. Dubrovskii. Trudy Inst zool AN Kazakh. SSR 15:180-191 '61.
Unusual migration of swallows to the southern coast of the Crimea. E. P. Spangenberg. Ornitologiia no. 2:199 '59.

BIRDS—PARASITES see Parasites—Birds

BIRDS, EXTINCT
Extinct and "restored" species of birds. I. I. Akimushkin. Nauka i zhizn' 28 no. 6:42-44 Je '61

BIRDS, PROTECTION OF
Mutual help. F. I. Morozov. Priroda 50 no. 8:115-118 Ag '61

BIRDS OF PREY
(see also subdivision under Siberia, Western)
Quail and the kite. V. P. Gerasimov. Doshk. vosp. 34 no. 7, 93-95 Jl '61.

BIRMAN, SERAFIMA GERMANOVNA, 1890-
Serafima Birman. Nikolai Petrov. Teatr 22 no. 7 153-154 Jl '61

BIRTH INJURIES
Natal (akushers') epiphysiolyses of the distal end of the humerus in the newborn and their treatment V. S Kostrikov Fel'd. i akush 26 no. 6:11-16 Je '61

BISMUTH
Polarization of a liquid bismuth cathode in chloride melts. I F. Nichkov, S. P. Raspopin, IU. V. Bazhko. Zhur. prikl khim. 34 no. 7:1533-1536 Jl '61

BISMUTH—ANALYSIS
Amperometric titration of bismuth based on the formation of iodobismuthites in relation to the anodic curve [with summary in English]. A. K. Zhdanov, T. A Dasta tova. Zhur anal. khim. 16 no 4:436-441 Jl-Ag '61

BISMUTH—DECAY
Alpha-decay of the isomer Bi^{210m} [with summary in English]. L. I. Rusinov and others. Zhur. eksp i teor fiz. 40 no. 4:1007-1015 Ap '61.

BISMUTH COMPOUNDS
Color of inner complex bismuth salts with dithizone and its derivatives [with summary in English]. A. L Buse., L. A Bazhanova. Zhur anal. khim 16 no 4 399-403 Jl-Ag '61.

BISMUTH TELLURIDE
Piezoresistance effect in p-Bi_2Te_3. IU. V. Ilisavskii Fiz. tver. tela 3 no. 6:1898-1899 Je '61.

BITUMEN
(see also subdivision under United States)
Chemical mechanism of the production of oxidized petroleum bitumens from the cracking residue. V. A. Gaisinskii, S. R. Sergienko, R. V. Anbrokh. Izv. AN Turk. SSR. Ser. fiz.-tekh., khim. i geol. nauk no. 3:33-39 '61
Determination of the bitumen impurity content of elementary high purity sulfur. A. N. Alekseeva, I. M. Shushkanova. Zav. lab. 27 no. 7:811-814 '61.

BITUMEN (Continued)

Effect of surface-active substances on the thermomechanical properties of bitumens. A. R. Davydova, A. S. Kolbanovskaia. Avt. dor. 24 no. 7 11-12 Jl '61

Relationship between bitumen, extracted by chloroform, and lithologic features of rocks. N. A. Zufarova. Vop. geol. vost. okr. Rus. platf. i IUzh. Urala no. 6 99-102 '60.

BITUMINOUS MATERIALS

Composition, structure, and characteristics of bitumens. I. M. Rudenskaia. Avt. dor. 24 no. 6 27-28 Je '61

Lay-out of emulsion plants. I. M. Evcntov, V. V. Nazarov. Avt. dor. 24 no. 6 15-17 Je '61

BIZERTE—MILITARY BASES, FRENCH

Answering our readers' questions. Mezhdunar. zhizn' 8 no. 9:156-158 S '61

BLACK LANDS see Chernyye Zemli

BLACK-LEAD see Graphite

BLACK MARKET—NARCOTICS

Black market of narcotics. I. Andronov. Nov. vrem. 19 no. 35 24-26 Ag '61

BLACK SCAB see Potato wart

BLACK SEA—BENTHOS

Feeding areas of benthic fishes in the northwestern part of the Black Sea. K. O. Vynohradov. Nauk. zap. Od. biol. sta. no. 1:93-112 '59.

BLACK SEA—FISHERY LAW AND LEGISLATION

International relations in the field of the fishery science and fishing industry. Ryb. khoz. 37 no. 6:84-85 '61.

BLACK SEA—FISHES—EGGS

Recent data on pelagic fish eggs in the northwestern part of the Black Sea. IU. P. Zaitsev. Nauk. zap. Od. biol. sta. no. 1:77-90 '59.

BLACK SEA—FORAMINIFERA

Foraminifer fauna in the northwestern part of the Black Sea. V. IA. Didkovs'kyi. Nauk. zap. Od. biol. sta. no. 1: 91-97 '59.

BLACK SEA—HYDROBIOLOGICAL RESEARCH

Brief outline of the organization and activities of the Odessa Biological Station at the Institute of Hydrobiology of the Academy of Sciences of the Ukrainian S. S. R. during 1954-1957. K. O. Vynohradov. Nauk. zap. Od. biol. sta. no. 1:3-5 '59

Use of television in underwater biological investigations in the Black Sea. M. IE. Sal'nykov. Nauk. zap. Od. biol. sta. no. 1:127-138 '59.

BLACK SEA—OCEAN CURRENTS

Synchronous surveying of currents by the use of electromagnetic meters. N. S. Kormyshev. Meteor. i gidrol. no. 9:48-51 Ag '61.

BLACK SEA—OCEAN TEMPERATURE

Thermal streams from the bottom of the Black Sea. N. N. Sysoev. Dokl. AN SSSR 139 no. 4:974-975 Ag '61

BLACK SEA—OCEANOGRAPHIC RESEARCH

Winter cruise of the SRT type research ship "Gonets" of the Azov-Black Sea Fisheries Scientific Institute (1959). D. IA. Berenbeim. Biul. Okean. kom. no. 6 23-24 '60.

BLACK SEA—PHYTOPLANKTON

Mass development of phytoplankton organisms in the northwestern part of the Black Sea during 1954-1956. O. I. Ivanov. Nauk. zap. Od. biol. sta. no. 1:6-33 '59.

BLACK SEA—PLANKTON

Biochemical composition of plankton in the northwestern part of the Black Sea. Z. A. Vynohradova. Nauk. zap. Od. biol. sta. no. 1:52-76 '59.

BLACK SEA—RADIOACTIVE SUBSTANCES

Relationship between the radioactivity of sediments of the Sea of Azov and the Black Sea. I. E. Starik and others. Dokl. AN SSSR 139 no. 2:456-459 Jl '61

BLACK SEA—SEA WATER—COMPOSITION

Some results of iron, manganese, and copper determination in the water of the Black Sea. B. A. Skopintsev, T. P. Popova. Trudy MGI 19 21-30 '60.

BLACK SEA—SEALS (ANIMALS)

Recent data on the monk seal of the Black Sea. M. IE. Sal'nykov. Nauk. zap. Od. biol. sta. no. 1:113-120 '59.

BLACK SEA—SHIPWORMS

Materials on the biology, distribution, and destructive activity of shipworms (Teredo navalis L.) in the northwestern part of the Black Sea. S. B. Grinbart, P. I. Rishchikov. Nauk. zap. Od. biol. sta. no. 1:140-152 '59.

BLACK SEA—WATER—COMPOSITION

Hydrochemical characteristics of the northwestern part of the Black Sea according to observations made in 1956-1958. E. F. Shul'gina. Trudy GOIN no. 58 28-57 '61.

BLACK SEA—ZOOPLANKTON

Zooplankton in estuary areas of the northwestern part of the Black Sea in 1954-1957. I. H. Koval'. Nauk. zap. Od. biol. sta. no. 1:31-51 '59.

BLACK SEA REGION—CAMPS

"Orlenok." Stroi. i arkhit. Len. 23 no. 7 33-36 Jl '61

BLACK SEA REGION—CITIES AND TOWNS, ANCIENT

Attempt at locating the settlements between the estuaries of Dniester and Southern Bug Rivers mentioned in the works of ancient authors. M. S. Synytsyn. Mat. z arkheol. Pivn. Prychor. no. 3 7-24 '60

BLACK SEA REGION—COMMERCE—GREECE

Commercial contacts with Greece of the ancient settlement in the region of the Dniester estuary from the sixth to the second century B. C. O. H. Sal'nykov. Mat. z arkheol. Pivn. Prychor. no. 3 25-32 '60

BLACK SEA REGION—GLASSWARE, ANCIENT

Three glass vessels of the fourth century A. D. with embossed drawings from the Northern Black Sea region. N. P. Sorokina. Mat. z arkheol. Pivn. Prychor. no. 3 228-233 '60

BLACK SEA REGION—HISTORY

Social development of the permanent population in the area of the Dniester and Southern Bug estuaries during the Sarmatian period. M. S. Synytsyn. Mat. z arkheol. Pivn. Prychor. no. 3. 101-112 '60.

BLACK SEA REGION—RECREATION CENTERS

Summer vacation centers. A. E. Moiseev. Zdorov'e 7 no. 8:16-17 Je '61

BLACK SEA REGION—STONE IMPLEMENTS

Collection of stone implements in the Odessa Archaeological Museum. IE. Kh. IAnova. Mat. z arkheol. Pivn. Prychor. no. 3 203-212 '60.

BLACK SEA REGION—TERRACES (GEOLOGY)

Origin of terraces on the Black Sea coast of the Caucasus. Sh. V. Leshkhiia. Izv. AN SSSR. Ser. geog. no. 4, 99-103 Jl-Ag '61.

BLACKSMITHING

[Blacksmith's handbook] Spravochnaia knizka kuznetsa. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 351 p.

BLADDER—EXPLORATION

Alapin, G. IA. [Organization of the work in cystoscopy and a concise methodology for urological investigations, manual for physicians and students] Organizatsiia raboty v tsistoskopicheskoi i kratkaia metodika urologicheskikh issledovanii, rukovodstvo dlia vrachei i studentov. Khar'kov, 1959. 43 p. (DNLM)

BLADDER—RADIOGRAPHY

Pneumopyelography and pneumocystography in the diagnosis of urological diseases. N. L. Efendiev. Vest. rent. i rad. 36 no. 3:65-66 My-Je '61.

BLADDERWORT

Biological and ecological characteristics of intermediate bladderwort (Utricularia intermedia Hayne). E. P. Chernova. Uch. zap. Ped. inst. Gorts. 176:87-97 '59.

BLAST FURNACES

(see also subdivision under Krivoy Rog)

Assembling industrial piping for a blast furnace with a capacity of 2000 cubic meters. V. Z. IAkimuk. Mont. i spets. rab. v stroi. 23 no. 6:14-17 Je '61.

Brick dimensions for blast furnaces. IA. S. Drozdov. Ogneupory 26 no. 7:340-341 '61.

Refractory materials for laying the well of a blast furnace. N. K. Leonidov. Ogneupory 26 no. 6:273-276 '61.

BLAST FURNACES—DESIGN AND CONSTRUCTION

Serostanov, G. L. [Mounting structural parts of a blast furnace with the BK-1425 crane] Montazh konstruktsii domennoi pechi kranom BK-1425. Moskva, Gos. izd-vo lit-ry po stroit. arkhit. i stroit. materialam, 1961. 37 p. (Opyt pokazatel'nogo stroitel'stva promyshlennykh ob"ektov)

BLAST FURNACES—MODELS

Model of blast furnace production. A. M. Panus. Khim. v shkole 16 no. 3:68-69 My-Je '60.

BLASTING

Conference on the enforcement of safety measures in blasting operations. M. N. Kosachev. Ugol' 36 no. 8: 61-62 Je '61.

Thickness of the buffer (loosened) layer during deep soil compaction by explosion. V. G. Galitskii. Osn., fund. i mekh. grun. 3 no. 3 14-16 '61

Using shortened thread of the detonating cord in multiple blasting of deep holes. V. S. Vashchenko, A. V. Nikonenko, V. IA. Shmalii. Sbor. nauch. predl. vnedr. v proizv. no. 1:3 '61

BLEACHING

Technical and economic evaluation of the various methods of bleaching cotton fabrics. N. F. Denisova. Izv. vys. ucheb. zav., tekh. tekst. prom. no. 3:3-12 '61.

BLOOD

Role of blood viscosity in the pathogenesis of transitory disorders in the blood circulation of the brain [with summary in French]. M. A. Aksiantsev. Zhur. nevr. i psikh. 61 no. 5 674-676 '61

BLOOD—AGGLUTINATION

Nature of the hemagglutinating activity of the serum of patients with Botkin's disease [with summary in English]. D. B. Golubev. Vop. virus. 6 no. 5:582-586 S-O '60.

Reaction of passive hemagglutination in toxoplasmosis. G. A. Orlov. Lab. delo 7 no. 6 46 Je '61.

Specific thermolabile antihemagglutinins in the serum of mice infected with parainfluenza virus, type I (Sendai) [with summary in English]. A. S. Gorbunova, Hou IUn'-de [Hou Yün-tê]. Vop. virus. 7 no. 3 327-333 My-Je '61

BLOOD—ANALYSIS AND CHEMISTRY

Changes in the histaminopexic ability of blood in irradiated dogs. K. M. Larionova. Radiobiologiia 1 no. 2: 247-249 '61

Determination of human sex by bloodstains. A. Kossakowski, R. Gzelen. Sov. krim. na sluzh. sled. no. 13: 116-124 '59.

Determining the concentration of pigments in dispersing media. F. IA. Sid'ko, I. A. Terskov. Izv. vys. ucheb. zav.; fiz. no. 2 164-170 '61.

BLOOD—CIRCULATION

Parin, V. V., and F. Z. Meerson. [Essays on the clinical physiology of blood circulation] Ocherki klinicheskoi fiziologii krovoobrashcheniia. Moskva, Medgiz, 1960. 426 p. (DNLM)

Petrovskii, V. V. [Role of the lymphatic vessels in blood circulation] O roli limfaticheskikh sosudov v krovoobrashchenii. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 149 p.

BLOOD—CIRCULATION, ARTIFICIAL

New variation of the method of artificial blood circulation. M. P. Adamenko. Fiziol. zhur. [Ukr.] 7 no. 4:563-566 Jl-Ag '61.

BLOOD—CIRCULATION, DISORDERS OF

Stnocardial massage and its use in treatment of some disorders of peripheral blood circulation. L. Nikolova. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 3 248-253 My-Je '61.

BLOOD—COAGULATION

Changes in the absorbing function of cells of the reticuloendothelial system in animals following intravenous administration of thrombin and thromboplastin. V. E. Pastorova. Nauch. dokl. vys. shkoly, biol. nauki no. 3 98-101 '61

BLOOD—EXAMINATION

Micromethod for determining the ascorbic acid in whole blood [with summary in English]. N. A. Briukhanova, L. P. Shchipitsyna. Vop. pit. 20 no. 4, 60-65 Jl-Ag '61

BLOOD—MICROBIOLOGY

Septicemia and diagnostic significance of hemocultures. M. F. Holub. Mikrobiol. zhur. 23 no. 2:80-82 '61.

BLOOD—OXYGEN CONTENT

Oxyhemoglobinometry, blood circulation rate and pulmonary ventilation in school children at the age of 10-12 years during muscular work. G. F. Keenevich. Sbor. stud. nauch. rab. Nauch. stud. ob-va IAr. gos. ped. inst. no. 3:104-110 '59.

BLOOD—TRANSFUSION

Colloidoclastic mechanism of the action of blood transfusions [with summary in English]. M. N. Levchenko. Fiziol. zhur. [Ukr.] 7 no. 4:530-544 Jl-Ag '61.

BLOOD AS FOOD OR MEDICINE

Insufficient number of copies ("Blood of slaughter cattle and its processing" by L. Pozhariskaia, S. Liberman, V. Gorbatov. Reviewed by S. Safonov). Mias. ind. SSSR 32 no. 2:52-53 '61.

BLOOD CELLS

"Blood cells in radiation sickness; an atlas" by M. S. Lapteva-Popova and others. Reviewed by V. A. Germanov. Lab. delo 7 no. 6:57-58 Je '61.

BOOKSELLERS AND BOOKSELLING (Continued)

Higher standard of book distribution M Pashkov Bibliotekar' no 7 30-32 Jl '61

Is there a boss here? A Chernakov, L. Kalina, R. Dubovskii. Sov knizh torg 13 no 6 15-17 Je '61

Legal advice Sov. knizh torg 13 no. 6:14-15 Je '61

The new and the useful Sov knizh torg. 13 no. 6 38-40 Je '61

Order books according to the combined plan A Lepikhin Sov knizh torg 13 no 6,20 Je '61

Organization settles problems P. Ilin Sov knizh torg 13 no 6,4-6 Je '61

Prepare early discussions of orders. A Govorov. Sov knizh torg 13 no 6 11-13 Je '61

Respond promptly to the themes of the day. I. Drotskii Sov knizh torg 13 no 6 23 Je '61

Studying the demand for literature A Govorov Sov potreb koop 5 no 6 39-41 Je '61.

A year after the resolution of the Central Committee of the CPSU Sov. knizh torg 13 no 6 1-3 Je '61

BOOKSELLERS AND BOOKSELLING—BIBLIOGRAPHY see Bibliography—Booksellers and bookselling

BOOKSELLERS AND BOOKSELLING—CONGRESSES

Booksellers exchange their experience O. Il'in. Sov potreb koop 5 no 8,11-16 Ag '61

BOOKSTORES see subdivision under Estonia

BORAX

Solubility of titanium, molybdenum, and tungsten oxides in fused borax Shen' TSui-man, Iu K Delimarskii Ukr khim zhur 27 no 1,151-157 '61

BORAZINE

Synthesis of N-trialkylborazines from alkylamine boron hydrides in the presence of mercaptans B M Mikhailov, V A Dorokhov Izv AN SSSR Otd khim nauk no 7 1346-1348 Jl '61

BORDER GUARD

At a southern frontier post V. Viren Sov voin 13 no. 16 41 Ag '61.

BORDER GUARD—BIBLIOGRAPHY see Bibliography—Border guard

BORIC ACID

Making glass with a lowered boric acid content. G. IA. Ostrovskaia. Stek. i ker. 18 no 7,41 Jl '61

Methyl- and vinylacetylenylboric esters V. S. Zavgorodnii, A. A. Petrov Zhur ob khim Jl no 7,2433-2434 Jl '61

Reactions of diboranes and alkyldiboranes with boric and alkylboric acid esters and their thio analogs B M Mikhailov, L. S Vasil'ev Dokl. AN SSSR 139 no 2, 365-368 Jl '61.

Reactions of some alkyl and aryl alkoxy derivatives of silane with boric acid A. P. Kreshkov, D A Kuznetsov, V I Nurst Zhur ob khim. 31 no 7 2139-2143 Jl '61.

BORING

(see also subdivision under Azerbaijan, Krasnodar Territory)

Geometric parameters of the surface failures of rocks in drilling. N. I. Kulichikhin, N. S. Rodionov. Izv. vys. ucheb. zav., geol. i razv. 4 no. 1:117-124 Ja '61.

Jet piercing machine. K Kostin Tekh mol. 29 no. 6, 9 '61.

Relation between the pressure intensity and the slim hole drilling rate N. S. Rodionov. Izv. vys. ucheb. zav., geol. i razv 3 no 6 102-101 Je '60

BORING MACHINERY

BTS-60 self-propelled drilling machine. A. N. Dashkov. Mekh. stroi. 18 no. 6:26-27 Je '61.

Machines for making wells. V. K. Rostotskii. Mekh. stroi. 18 no. 7:3-7 Jl '61.

Removing broken cones from drilling tools. V M Al'patev, D T. Ostapenko Sbor. rats predl. vnedr v proizv no 2:5 '61.

Unit of mounted hydraulic drills for planting grapes, A F Stepanenko Trakt. i sel'khozmash. 31 no. 2, 35 F '61.

BORISOGLEBSK DISTRICT (YAROSLAVL PROVINCE)—COLLECTIVE FARMS

Reorganizing the integrated brigade of a collective farm. V. Darmakov. Tekh. v sel'khoz. 21 no. 8 7-9 Ag '61.

BORISOV, ALEKSANDR ALEKSEEVICH, 1866-1934

Nazimova, I. V. [Aleksandr Alekseevich Borisov; his life and works] Aleksandr Alekseevich Borisov; zhizn' i tvorchestvo. [Arkhangel'sk] Arkhangel'skoe knizhnoe izd-vo, 1959. 56 p. (MH)

BOROLDAY—PALEOBOTANY, STRATIGRAPHIC

Materials on the study of the Jurassic flora of the Boroldai coal deposit. E. V. Romanova. Mat. po ist. fauny i flory Kazakh. 3 104-127 '61.

BORON

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut mineral'nogo syr'ia. [Prospecting for boron] Poiski i razvedka bornogo syr'ia Pod obshchei red. V. Kh. Dairagana, I. M. Kurmanaliev i A. A. Shugina Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1960. 102 p.

Nature of green glow and the composition of products obtained in burning boron at 3100°K A. D. Rusin, V. M. Tatevskii Dokl. AN SSSR 139 no 3:640-643 Jl '61

Preparation of elementary boron by the reduction of boron trifluoride with metallic sodium V. I. Khachishvili and others Zhur. neorg. khim 6 no 7,1493-1496 Jl '61.

BORON—ANALYSIS

Determination of boron in metallic titanium and zirconium P. V. Marchenko Zav. lab 27 no 7 801-802 '61

Natural Boron content of food products in the Tatar and Mari Republics [with summary in English] R. S. Khamidullin Vop. pit. 19 no. 2:81-85 Mr-Ap '60

Qualitative determination of boron in rocks and minerals under field conditions V. V. Danilova Trudy IGI M no. 61 Metod khim anal. min no 1 98-99 '61

BORON—ISOTOPES

Capture of μ^--mesons in carbon accompanied by B^{12} formation [with summary in English]. A. O. Vaisenberg Zhur. eksp. i teor. fiz 41 no 1 109-112 Jl '61.

Measurement of pressure difference of $B^{10}F_3$ and $B^{11}F_3$ vapors [with summary in English]. A. V. Borisov, I. G. Gverdtsiteli. Zhur. fiz. khim. 35 no. 6,1212-1214 Je '61.

Separation of boron isotopes by the chemical exchange method. Part 3 Production of $B^{11}F_3$ concentrates [with summary in English]. G. M. Panchenkov, A. V. Makarov, G. V. Romanov. Zhur. fiz. khim. 35 no. 6: 1315-1320 Je '61.

BORON FLUORIDE

Measurement of pressure difference of $B^{10}F_3$ and $B^{11}F_3$ vapors [with summary in English]. A. V. Borisov, I. G. Gverdtsiteli. Zhur. fiz. khim. 35 no. 6:1212-1214 Je '61.

Preparation of elementary boron by the reduction of boron trifluoride with metallic sodium. V. I. Khachishvili and others. Zhur neorg khim 6 no 7:1493-1496 Jl '61

Separation of boron isotopes by the chemical exchange method. Part 3: Production of $B^{11}F_3$ concentrates [with summary in English]. G. M. Panchenkov, A. V. Makarov, G. V. Romanov. Zhur. fiz. khim. 35 no. 6: 1315-1320 Je '61.

BORON HYDRIDES

Reactions of diboranes and alkyldiboranes with boric and alkylboric acid esters and their thio analogs B. M. Mikhailov, L. S. Vasil'ev. Dokl. AN SSSR 139 no 2: 365-368 Jl '61.

BORON ORGANIC COMPOUNDS

Methyl- and vinylacetylenylboric esters. V. S. Zavgorodnii, A. A. Petrov. Zhur ob khim. 31 no. 7 2433-2434 Jl '61

BORON OXIDES

Determination of the enthalpy and heat capacity of boron oxide in the range of 1000-2200 K° [with summary in English]. R. M. Krasovitskaia and others. Zhur. fiz khim. 35 no 7:1499-1501 Jl '61.

Effect of boron oxide on the electric conductivity of glasses [with summary in English]. A. IA. Kuznetsov Zhur. fiz. khim. 35 no 7:1479-1480 Jl '61

BOROVICHI—KILNS

Building tunnel kilns at the Borovichi Refractories Combine. V. A. IAkovlev, Z. E. Dobrin. Ogneupory 26 no. 6:252-256 '61.

BOSPORUS, CIMMERIAN (KINGDOM) see Cimmerian Bosporus (Kingdom)

BOTANICAL RESEARCH

Investigations in experimental taxonomy. I. T. Vasil'chenko. Bot. zhur 46 no. 5:662-670 My '61.

Simplified method for preparing microscopic preparations with the help of microtome M. A. Efimova. Uch. zap. Ped. inst. Gerts. 178:151-154 '59.

BOTANY

(see also subdivision under Carpathian Mountain region; Gomel' Province; Siberia, Western; Ural Mountain region)

Dubianskaia, E. A., and N. T. Radisig. [Botany; textbook for pharmaceutical schools] Botanika, uchebnik dlia farmatsevticheskikh uchilishch. Izd. 7, perer. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 310 p.

BOTANY—ANATOMY

IAtsenko-Khmelevskii, A. A. [Brief course in plant anatomy] Kratkii kurs anatomii rastenii. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 282 p.

BOTANY—AUDIO-VISUAL AIDS

Visual aid for schools. I. V. Kozyr'. IUn nat. no. 7:40 Jl '61.

BOTANY—ECOLOGY

IAroshenko, P. D. [Geobotany; fundamental concepts, trends, and methods] Geobotanika; osnovnye ponfatiia, napravleniia i metody. Moskva, Izd-vo Akad. nauk SSSR, 1961. 474 p.

BOTANY—EMBRYOLOGY

Characteristics of the development of embryos in seeds of some plants of the carrot family G. A. Dunaeva Dokl. AN SSSR 139 no 1 999-1000 Ag '61

Embryological study of Papaver somniferum L. [with summary in English] G. M. Il'ina. Biul. MOIP. Otd. biol. 66 no. 4 13-25 Jl-Ag '61.

BOTANY—JUVENILE LITERATURE

Use of popular scientific literature in botany classes. A. S. Usol'tseva. Biol v shkole no. 3:28-31 My-Je '61

BOTANY—STUDY AND TEACHING

Botany quiz in a Pioneers camp M. I. Badiagina. Biol v shkole no. 3:60-61 My-Je '61

Excursion work in botany. P. F. Antonov Biol v shkole no. 3 15-19 My-Je '61

Fall excursion to a forest with the fifth grade students T. A. Rozina Biol. v shkole no 4:31-35 Jl-Ag '61

How I develop students' interest in botany. O. A. Ul'ianova. Biol v shkole no 4:35-37 Jl-Ag '61

BOTANY—VARIATION

Comparative study of the mutagenic effect of gamma rays and ethyleneimine N. S. Eiges, S. A. Valeva Radiobiologiia 1 no 2 304-307 '61

Mutagenic properties of metabolites developing in irradiated plants I. M. Krutkova Radiobiologiia 1 no 2:310-311 '61.

Variability in cereals. A. M. Sadykhov. Agrobiologiia no. 4:608-610 Jl-Ag '61.

BOTANY, MEDICAL

(see also subdivision under Moldavia)

Medicine at our feet. IUn nat no 6 26 Je '61.

Pay more attention to the study of the geographical distribution of wild medicinal plants. A. K. Mel'nichenko and others. Apt. delo 10 no. 3 14-19 My-Je '61.

BOTANY, MEDICAL—STUDY AND TEACHING

Study and collection of medicinal plants by the young naturalists. F. G. Kononova. Biol v shkole no. 3 62-63 My-Je '61

BOTKIN, SERGEI PETROVICH, 1832-1889

I. P. Pavlov in S. P. Botkin's therapeutic clinic at the Academy (1878-1890). V. N. Andreeva. Fiziol. zhur. 46 no. 3:363-366 Mr '60.

BOTTICELLI, SANDRO, 1447-1510

Botticelli, Sandro. [Sandro Botticelli] Sandro Botticelli. Moskva, Gos. izd-vo izobraz. iskus., 1960. [12] p. illus. (Mastera mirovogo iskusstva)

BOTULISM

Prevention and treatment of botulism T. I. Bulatova, N. N. Sitnikova, T. I. Sergeeva Med. sestra 20 no. 6 23-26 Je '61

BOULDERS see subdivision under Yenisey Valley

BOUNDARY LAYER

Boundary layer near the forward critical point of a cylinder in radiative heat transfer. I. V. Nemchinov, I. P. Topekha PMTF no. 4:29-35 N-D '60.

Heat transfer in a turbulent boundary layer. B. A. Urlukov. PMTF no. 3:119-125 S-O '60

Laws governing resistance and heat exchange in a turbulent boundary layer of a compressible gas and a method for calculating friction and heat exchange [with summary in English]. S. S. Kutateladze, A. I. Leont'ev. Inzh.-fiz. zhur. 4 no. 6:33-41 Je '61.

Method for solving the equations for a laminar boundary layer. A. A. Dorodnitsyn. PMTF no. 3:111-118 S-O '60.

Mixed boundary layer at the inlet portion of a circular tube. L. I. Kudriashov, G. V. Filippov. Sbor. nauch. trud. Kuib. indus. inst. no. 8 61-66 '59.

BOUNDARY VALUE PROBLEMS

Behavior of the solutions to S. L. Sobolev's problem at $t \to \infty$. T. I. Zeleniak. Dokl. AN SSSR 139 no. 3:531-533 Jl '61.

Boundary value problem for linear and quasi-linear parabolic equations. O. A. Ladyzhenskaia, N. N. Ural'tseva. Dokl. AN SSSR 139 no 3:544-547 Jl '61.

Boundary value problem for Volterra-type linear integro-differential equations in the case of decaying boundary conditions. IU. K. Lando Izv. vys. ucheb. zav.; mat no. 3:56-65 '61.

Boundary value problems for quasi-linear elliptic equations with nonlinearities obeying a power law. T. B. Solomiak. Dokl AN SSSR 139 no. 4:824-826 Ag '61.

Boundary value problems with conditions at $+\infty$. IU. A. Klokov. Dokl. AN SSSR 139 no. 4:799-801 Ag '61.

Certain families of extensions of a symmetric operator, A. V Shtraus Dokl AN SSSR 139 no 2:316-319 Jl '61

Certain homogeneous boundary value problems for differential operations with constant coefficients S G Ovsepian. Dokl AN SSSR 139 no 2 298-301 Jl '61

Conditions for the correctness of one-dimensional mixed problems, M I Rasulov Dokl AN SSSR 139 no 2: 305-308 Jl '61

Conditions of the solvability of a certain boundary value problem for a specific parabolic system E I Kim, L P Ivanova Dokl AN SSSR 139 no 4 795-798 Ag '61

Expansion by eigenfunctions of certain non-self-adjoint boundary value problems A B Nersesian Sib mat zhur 2 no 3 428-453 My-Je '61

First boundary value problem for certain decaying elliptic equations L, N Slobodetskii, I A Solomeshch Izv. vys. uchebn zav , mat. no 3 116-126 '61.

Investigation of certain mixed boundary value problems with the aid of the membrane analogy A, IA, Aleksandrov PMTF no. 4, 95-96 N-D '60

Normal solvability of a boundary value problem in the class of weak solutions, Izv AN Azerb SSR Ser fiz - mat i tekh. nauk 2:41-49 '61

One boundary value problem for the equation of the bending of a thin plate A F, Khrustalev, V A Vainshtein Izv vys ucheb zav , mat no 4 119-124 '61

One boundary value problem of linear conjugation, L. G, Mikhailov Dokl. AN SSSR 139 no 2:294-297 Jl '61

One problem generalizing Carleman's boundary value problem G. S Litvinchuk Dokl AN SSSR 139 no, 2: 291-293 Jl '61

One-sheeted solution of the inverse problem of hydromechanics, L A Aksent'ev Izv. vys ucheb zav , mat no 4 3-7 '61

Solution of the fundamental boundary value problem for a polyharmonic fourth-order equation on a plane by the method of potentials Part 1 I, O Panich Izv vys ucheb. zav. , mat no. 3:80-90 '61

Solution of the fundamental boundary value problem for a 4th order polyharmonic equation on a plane by the method of potentials Part 2 O I Panich Izv. vys ucheb. zav , mat no 4 66-77 '61

Solvability of one type of nonlinear bondary value problems G V. Arzhanov, Dokl AN SSSR 139 no 2:267-270 Jl '61

Solving axisymmetric problems in the theory of elasticity by means of analytic functions, A IA Aleksandrov Dokl AN SSSR 139 no 2:337-340 Jl '61

Some boundary value problems for a hollow cylinder of finite length [with summary in English] IU. A. Shapiro, Inzh. -fiz. zhur. 4 no. 6 101-105 Je '61.

Some nonlinear boundary value problems in the theory of Maxwell's body B. M Naimark Dokl. AN SSSR 139 no 1 63-66 Jl '61

Two-point boundary value problem for a second-order nonlinear differential equation and some theorems on intermediate values G A Kamenskii, Dokl AN SSSR 139 no 3,541-543 Jl '61.

BOWLES, CHESTER

The American press on differences within Washington's higher spheres Nov vrem 19 no. 31:21 Jl '61

BOXING

Gradopolov, K. V. [Boxing] Boks. Izd. 3. , ispr. i dop. Moskva, Gos. izd-vo "Fizkul'tura i sport, " 1961. 340 p.

BRACHIOPODA see subdivision under Rogozhkino

BRACHIOPODA—CLASSIFICATION

Ecology and taxonomy as exemplified by the study of brachiopods. E, A, Ivanova. Biul. MOIP, Otd. geol. 36 no. 2:138 Mr-Ap '61.

BRACHIOPODA, FOSSIL

(see also subdivision under Darvaza Range; Pay-Khoy Range; Russian Platform; Taymyr Peninsula)

Nature of variability in Liorhynchus biplicatus Nalivkin, S V. Cherkesova. Trudy NIIGA 111:42-51 '60.

Novozhilov, Nestor. [Devonian bivalve phyllopods; 26 plates and 74 illustrations] Dvustvorchatye listonogie devona; s 26 tablitsami 74 risunkami v tekste. Moskva, Izd-vo Akad. nauk SSSR, 1961. 131 p. (Akademiia nauk SSSR. Paleontologicheskii institut. Trudy, vol. 81)

BRAGIN DISTRICT—AGRICULTURAL ADMINISTRATION

"Bragin administrators," Part. zhizn' no. 15/16:158 Ag '61

BRAID

Kinematic analysis of the process of braiding electric wires A. I, Gaidan, S. V. Suvorov Izv vys. ucheb zav. ; mashinostr. no. 6 67-74 '61.

BRAIN

Effect of the radiation dose on the electric conductivity of the rat brain. Z. L Apanasenko. Radiobiologiia 1 no. 1:45-51 '61.

Effect of whole-body X ir radiation on the level of γ-aminobutyric acid in the brain S S Musaelian, I A. Sytinskii Dokl. AN SSSR 139 no. 1:994-995 Ag '61

Histopathology of the reticular formation in acute poliomyelitis [with summary in French], L.M.Popova Zhur. nevr. i psikh. 61 no, 3:321-328 '61.

Morphological changes in the central nervous system of dogs during the initial stages of chronic radiation sickness A G Khanin Radiobiologiia 1 no 2:227-232 '61

Physiological connections of the caudate nucleus with the cerebral cortex [with summary in English], V O. Cherkes I Izziol. zhur. [Ukr.] 7 no 1 474-181 Jl-Ag '61,

Problem of thromboendarteritis obliterans [with summary in French] N S. Sysak Zhur. nevr. i psikh. 61 no 3 396-399 '61

Some results of research on the higher nervous activity in man O F, Makarchenko, A, Z Kolchyns'ka, Fiziol zhur [Ukr.] 7 no 4 443-449 Jl-Ag '61,

BRAIN—BLOOD SUPPLY

Nature of morphological changes in the blood vessels after deceleration and arrest of the blood flow and possibilities for its further development [with summary in English] I V, Gannushkina, Zhur. nevr. i psikh. 61 no 3. 387-395 '61,

So-called obliterating endarteritis of the cerebral vessels in thrombosis of the internal carotid artery [with summary in French] A N Koltover, I V Gannushkina, I. L. Liudkovskaia. Zhur. nevr i psikh. 61 no. 5 657-664 '61

BRAIN—CONGRESSES

The 21st International Congress of Physiologists Problems in the physiology of subcortical formations of the brain S P Narikashvili Fiziol zhur. 46 no. 3 371-376 Mr '60.

BRAIN—DISEASES

Amount of copper in the blood serum in normal subjects and in patients with some diseases of the brain [with summary in French] B M. Gekht. Zhur nevr. i psikh. 61 no 5 707-712 '61,

Analysis of vascular diseases of the brain as revealed by data from the Clinic for Nervous Diseases of the Samarkand Medical Institute [with summary in French] M I Gabrielian, M. Kh Samibaev, S B Shamgunova, Zhur nevr. i psikh 61 no. 5 705-706 '61,

Characteristics of changes in the leukocytes in acute disorders in the blood circulation of the brain [with summary in French], N. I Moiseeva, V. V. IAtskevich Zhur. nevr. i psikh 61 no 5 677-681 '61,

Konovalov, N. V. [Hepatocerebral dystrophy] Gepatotserebral'naia distrofiia. Moskva, Medgiz, 1960. 555 p.
(DNLM)

Role of blood viscosity in the pathogenesis of transitory disorders in the blood circulation of the brain [with summary in French] M A, Aksiantsev. Zhur nevr. i psikh 61 no. 5 674-676 '61

BRAIN—SOFTENING

Clinical aspects and pathogenesis of nonthrombotic malacia of the brain [with summary in French]. Z. N. Dracheva Zhur nevr i psikh. 61 no. 5 651-656 '61.

BRAIN—TUMORS

Bekhtereva, N. P. [Biopotentials of the cerebrum in supratentorial tumors] Biopotentsialy bol'shikh polusharii golovnogo mozga pri supratentorial'nykh opukholiakh, [Leningrad] Gos. izd-vo med. lit-ry Medgiz, 1960. 186 p.
(DNLM)

Changes in cerebral potentials in tumors of the lateral ventricular region [with summary in French]. D. G. Shmel'kin. Zhur. nevr i psikh. 61 no. 4 522-527 '61.

Clinical aspects and surgical treatment of colloid cysts of the third ventricle [with summary in French]. V. I Lerman Zhur nevr. i psikh 61 no. 4:513-516 '61.

Clinical aspects of angioreticulosarcoma of the cerebrum [with summary in French]. A. T. Zykova. Zhur. nevr. i psikh. 61 no. 4 509-512 '61.

Clinical aspects of occipital lobe tumors. Some diagnostic difficulties and errors [with summary in French]. N. A. Popov. Zhur. nevr. i psikh. 61 no. 4:481-487 '61.

Differential diagnosis of craniopharyngioma [with summary in French] IA M. Pavlonskii, R. M. Itsykovich. Zhur. nevr i psikh. 61 no. 4:540-542 '61

Differential diagnosis of neoplastic from inflammatory lesions of the third ventricular region of the brain [with summary in French]. V I. Tsitsiln. Zhur. nevr. i psikh. 61 no. 4:534-539 '61

Ependymoblastoma of the brain stem with destruction of the reticular formation [with summary in French]. L. I Omorokov. Zhur. nevr i psikh. 61 no 4:493-496 '61.

Evaluation of the diagnostic significance of epileptic seizures in brain tumors [with summary in French]. IU. I. Beliaev. Zhur nevr. i psikh. 61 no. 4:528-533 '61.

Lipomas of the corpus callosum [with summary in French]. O I. Kondratsenko, E. M. Gol'tsman. Zhur. nevr. i psikh. 61 no. 4:488-492 '61.

Peculiarities of the pseudotumorous syndrome in vascular diseases of the brain [with summary in French] M. S. Skoblo, Zhur. nevr. i psikh. 61 no. 5.682-687 '61.

Use of exercise therapy and massage for patients with residual phenomena following removal of an intracerebellar endothelioma of the brain. N. A Belaia, N F. Sukolova K V Pokrovskaia Vop kur., fizioter i lech fiz k 1 26 no 3,246-248 My-Je '61

BRANDY

Gavrilov, N. V. , and I. M. Skurikhin. [Brandy industry] Konʹiachnoe proizvodstvo. Moskva, Pishchepromizdat, 1959. 76 p. (Uchebnoe posobie dlia podgotovki kadrov massovykh professii)

BRASHMAN, NIKOLAI DMITRIEVICH, 1796-1866

N D. Brashman. Nar. obr. no 5:96 My '61.

BRASS—METALLOGRAPHY

X-ray diffraction study of the phenomenon of recovery in brass Zh Zhorobekov, IU S Terminasov Izv AN Kir. SSR Ser est. i tekh. nauk 3 no 1:51-56 '61

BRASS—TESTING

X-ray diffraction study of distortions of the crystalline structure of brass induced by friction N, A. Irmorali eva. Izv AN Kir. SSR Ser est i tekh. nauk 3 no 1 81-90 '61

BRASS FOUNDING

Effect of annealing temperatures on the structure and quality of LK80-3L brass. M P. Telushkina Tr proizv no. 9:40 Ag '61

BRATSK HYDROELECTRIC POWER STATION

Construction of the Bratsk Hydroelectric Power Station Gidr stroi. 31 no. 7:4-5 Jl '61.

BRATSK RESERVOIR—FISHERIES

Bratsk Reservoir A. V. Podlesnyi. Izv VNIORKH 225-233 '61

BRAVERY see Courage

BRAZIL—COMMERCE—RUSSIA

Soviet-Brazilian trade relations. Vnesh torg 41 insert 7 Jl '61

BRAZIL—ECONOMIC CONDITIONS

Brazil today ("The Brazil of the 20th century" by Rui Faco. Translated from the Spanish Reviewed by IU Eliutin). Mezhdunar. zhizn' 8 no. 9:112-115 '61.

BRAZIL—TRADE UNIONS

Prospects for the Brazilian trade-union movement Agostinko de Carvalho. Vsem. prof. dvizh no 16 Je '61.

BRAZIL IN LITERATURE AND ART

Brazil during the first quarter of the 19th century as described by Russian seamen [with summary in English]. B. N Komissarov. Vest. LGU 16 no 21,43 '61.

BREAD

Determining the hardness of wheat bread by the action of β-amylase on bread starch. R. G. Rakhmankulova, Z. P. Falunina. Izv. vys. ucheb zav. ; pishch tekh no. 2 [2] 133 '60.

Improving the quality of rye-wheat bread by using an enzyme preparation of Aspergillus awamori. I. F. Chulina. Khleb. i kond. prom. 5 no. 6:6-11 Je '61

Method for determining aromatic substances in bread. R. R. Tokareva, V. L. Kretovich. Khleb. i kond. prom. 5 no. 6:11-13 Je '61.

Nutritional and biological value of corn oil and the possibility of using it in bread making. T I Glotova Vop pit. 20 no. 4:72-73 Jl-Ag '61.

Problems of industry in the third year of the seven year plan. Khleb. i kond. prom. 5 no. 6.1-3 Je '61.

Table milk bread. S. T. Bodrukhin, K. Kh. Vidanov. Khleb. i kond. prom. 5 no. 7:28-29 Jl '61.

Use of enzyme preparations in making rye bread from scoured flour. R, R. Tokareva and others Khleb i kond. prom. 5 no. 7:3-5 Jl '61.

BREAD—STANDARDS

Portable apparatus for determining the porosity of bread. O. A. Lastkov Voen. -med. zhur. no. 8:85-86 Ag '60

BREAKDOWN, ELECTRIC

Electric breakdown in sand. N. Nanchev. Zhur. tekh. fiz. 31 no. 5:616-620 My '61.

Investigation of the pulse breakdown of thin layers of ionic crystals V. A. Kostrygin, L. T Murashko. Izv vys. ucheb. zav , fiz. no. 1, 169-170 '61.

BREAKWATERS

Precast techniques in the construction of jetties and breakwaters. A. I. Freikman. Transp stroi. 11 no 7:25-27 Jl '61.

Protecting harbor waters from sea swell. I. A. Stepanov. Izv. vys. ucheb. zav. ; stroi. i arkhit. 4 no. 3,71-76 '61.

BREAST—CANCER

Effectiveness of radiation ovarian castration as a method of treating patients with far advanced forms of breast cancer and postoperative prevention of metastases [with summary in English] I. M. Gol'dshtein. Vop. onk. 5 no.11 536-546 '59

Hormone therapy for patients with far advanced stages of breast cancer [with summary in English] O. V. Sviatukhina. Vop. onk. 5 no.11:556-564 '59

Hormone treatment of far advanced breast cancer [with summary in English]. K. Kofodziejska. Vop. onk. 5 no.11:552-555 '59.

Late results of interstitial radium therapy for breast cancer [with summary in English] V. I. IAnushevskii. Vop. onk. 5 no. 11:548-552 '59

Observations on the removal of the retrosternal lymph nodes in radical surgery in breast cancer [with summary in English]. A. Kulakovskii. Vop. onk. 5 no. 11 520-523 '59.

Radiotherapy breast cancer [with summary in English]. T. G. Larioshchenko. Vop. onk. 5 no. 11:529-535 '59

Results of X-ray treatment of grade III and IV breast cancer [with summary in English] A. Madejczyk. Vop. ork. 5 no. 11 546-548 '59.

Results of X-ray treatment of patients with breast cancer during an 8-year period [with summary in English] E. Saigeki, A. Illiniak. Vop. onk. 5 no. 11:524-529 '59

Specific antigen of breast cancer [with summary in English]. V. V. Gorodilova. Vop. onk. 5 no. 11:564-572 '59.

Therapeutic method and results of treating patients with breast cancer [with summary in English] S. A. Kholdin. Vop. onk. 5, no. 11:515-519 '59

BREATHING see Respiration

BRECCIA see subdivision under Avash Ridge

BREMSSTRAHLUNG

Bremsstrahlung from a longitudinally polarized electron taking the finite size of the nucleus into consideration [with summary in English] B. K. Kerimov, I. S. Sadykhov. Zhur. eksp. i teor. fiz. 40 no. 2 553-560 F '61

Electron spectra produced in light substances by bremsstrahlung with an intensity of $E\gamma$ max = 80 mev. S. P. Kruglov, I. V. Lopatin. Zhur. tekh. fiz. 31 no. 7 876-887 Jl '61.

Weizsacker-Williams relation for matrix elements. A. M. Badalian, IA. A. Smorodinskii. Zhur. eksp. i teor. fiz. 40 no. 4:1231-1233 Ap '61.

BREST—MONUMENTS

Fortress of glory. O. Knorring. Ogonek 39 no. 27,6 Jl '61

BREST PROVINCE—GEOLOGY, STRATIGRAPHIC

Find of Permian deposits in the southwestern part of White Russia (Brest Depression) V. K. Golubtsov. Dokl. AN SSSR 139 no. 1:166-169 Jl '61.

BREST PROVINCE—GRAPES

Growth of grape shoots in the southwestern regions of White Russia. A. P. Savchenko. Biul. Inst. biol. AN BSSR no. 5, 87-96 '60

BRICK BUILDING see Building, Brick

BRICK HOUSES see subdivision under Moscow

BRICK STAMPS see subdivision under Merv

BRICKMAKING
(see also subdivision under Ukraine)

Glazing bricks made of raw materials, with a high moisture content. R. Balash, R. Skrypets', O. Tymchenko. Stil'. bud. 11 no. 6:20-21 Je '61.

Mechanizing the unloading of bricks from annular kilns with small electric tractors. A. Kostovets'kyi. Stil'. bud. 11 no. 6:18 Je '61

Moistening clay with superheated steam. N. A. Bocharov. Strel. mat. 7 no. 6:28-29 Je '61.

BRIDGE CIRCUITS

Bridge circuits of transistorized impedance sign converters. IU. L. Kurkin, A. A. Sokolov. Izv. vys. ucheb. zav., elektromekh. 4 no. 6 19-26 '61.

New method for automatically regulating the parameters of bridge networks. V. G. Pustynnikov. Izv. vys. ucheb. zav.; elektromekh. 4 no. 3:157-163 '61.

BRIDGE CONSTRUCTION
(see also subdivision under Kazakhstan)

Kelasimkov, N. A., and N. L. Filimonova. [Precast monolithic slabs for spans] Sborno-monolitnye plitnye proletnye stroeniia. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 103 p.

Viduev, N. G., and others. [Surveying in bridge construction] Geodezicheskie raboty v mostostroenii. Pod red. N. G. Vidueva. Moskva, Izd-vo geodez. lit-ry, 1961. 137 p.

BRIDGES—BEARINGS see subdivision under Germany, West

BRIDGES—DESIGN

Designing bridge spans with consideration for the three-dimensional performance of the elements. B. A. Konitsyn. Trudy MIIGS no. 8 43-63 '58.

BRIDGES—FOUNDATIONS AND PIERS
(see also subdivision under Oka River)

Thermal stresses in reinforced concrete shells filled with concrete. V. S. Nikishin, L. N. Losev. Transp. stroi. 11 no. 7:40-43 Jl '61

BRIDGES, CONCRETE
(see also subdivision under Leningrad)

Comparison of experimental and computed data on restrictive torsion in bridges with an open transverse profile. A. G. Barchenkov, M. I. Vestfrid, E. A. Demkov. Izv. vys. ucheb. zav., stroi. i arkhit. 4 no. 2.165 '61.

Improving methods and standards for designing reinforced concrete bridges. Bet. i zhel.-bet. no. 6 286-287 Je '61.

Let's limit the use of spans with frame reinforcement. N. A. Kalashnikov, A. F. Lapinin. Avt. dor. 24 no. 6 22-23 Je '61.

Potentials for saving metal in bridge spans. B. E. Ulitskii, M. E. Gibshman, N. L. Filimonova. Avt. dor. 24 no. 7 17-18 Jl '61.

The role of transverse beams in bridge design. E. I. Shtil'man, A. Z. Baringol'ts, V. I. Berezetskii. Avt. dor. 24 no. 6,23-24 Je '61.

Using a movable mold. L. D. Zarubin. Transp. stroi. 11 no. 7 17-19 Jl '61.

BRIDGES, CONCRETE—MAINTENANCE AND REPAIR

Raise the degree of prefabrication in rebuilding bridges. K. V. Gaiduk. Avt. dor. 24 no. 6 20-21 Je '61.

BRILL'S DISEASE see Typhus fever

BRINELL TEST

Conditions for putting together the results of Brinell test measurements. M. S. Drozd. Zav. lab. 27 no. 8:1022-1027 '61.

Use of Brinell test. I. P. Rabinovich. Trakt. i sel'khozmash. 31 no. 6:41-46 Ag '61.

BRINES

Carbonation with flue gases of the return brines from the evaporation of electrolytic caustic soda. B. G. Rabovskii, V. S. Shinkaeva. Khim. prom. no. 7 453-455 Jl '61

Coagulative-centrifugal purification of brines. A. Bol'shakov, N. Mizeretskii. Mias. ind. SSSR 32 no. 3: 25-27 '61.

Production and regeneration of brines. A. Bol'shakov, and others. Mias. ind. SSSR 32 no. 2 15-17 '61

BRITISH COLONIES—TRADE UNIONS see subdivision under Africa

BROACHING MACHINES

Belov, V. S., and others. [Modern methods of broaching used abroad; survey compiled on the basis of foreign periodical literature in the field of the manufacture of machinery] Sovremennye metody protiagivaniia za rubezhom; obzor sostavlen po materialam zarubezhnoi periodicheskoi literatury v oblasti mashinostroeniia. Pod red. N. S. Acherkana. Moskva, Vses. in-t nauchnoi i tekhn. informatsii, 1961. 57 p.

BROJCE (CONCENTRATION CAMP)

Martyncts', Volodymyr. [Brojce; a German concentration camp] Britz; nimets'kyi kontsentratsiinyi tabir. Stuttgart, "Kop," 1946. 120 p.
(CIY)

BROMIDES

Reactions of sodium acetoacetate with α-oxybromides. T. I. Temnikova, B. A. Ershov. Zhur. ob. khim. 31 no. 7 2435-2436 Jl '61

BROMINE—TOXICOLOGY

Toxic effect of bromine on the higher nervous activity of dogs with a weak type of nervous system [with summary in English]. T. F. Komarova. Zhur. vys. nerv. deiat. 11 no. 3:488-494 My-Je '61.

BROMOPLANTINIC ACID

Isomery of bromonitroplatinates. A. V. Babaeva, Van IUi-bin', N. I. Ushakova. Zhur. neorg. khim. 6 no. 7: 1525-1533 Jl '61.

BRONZE

Effect of the thermal treatment of molten metal on the properties of the alloy Br. ANMts 8.5-7.5-1.5. L. S. Raines, A. I. Gabertsettel', Z. S. Kondrat'eva. Lit. proizv. no. 7:36-38 Jl '61.

Reducing the loss of cadmium in the manufacture of cadmium bronze. A. V. Kurdiumov, A. A. Rotershtein. Lit. proizv. no. 7:44-45 Jl '61.

BRONZE AGE see subdivision under Siberia; Ural Mountain region

BRONZES

Levinson, N. R., and L. N. Goncharova. [Russian bronzes, decorative-applied sculpture of the 19th century] Russkaia khudozhestvennaia bronza; dekorativno-prikladnaia skul'ptura XIX v. Moskva, Sovetskaia Rossiia, 1958. 80 p. 82 plates (Pamiatniki kul'tury, no. 29)
(DDO)

BRUCELLOSIS

Clinical peculiarities of brucellar psychosis [with summary in French]. T. E. Tsoheheva. Zhur. nevr. i psikh. 61 no. 5 747-749 '61

Problem of brucellous inflammations of spinal ligaments. L. I. Shumkovskii. Vest. rent. i rad. 36 no. 3 66-67 My-Je '61.

BRUSHES, ELECTRIC

Reconstruction of brush holders of a slip ring. V. D. Gusev, V. K. Passhav. Shor. rats. predl. vnedr. v proizv. no. 2,16-17 '61

Selection of specific pressures on the brushes of collector-type machinery. L. V. Lobashevskii, I. I. Tuktaev, G. IA. Demin. Izv. vys. ucheb. zav., elektromekh. 4 no. 7 87-92 '61

Universal device for recording the volt-ampere characteristics of electric brushes. IU. S. Levashov, L. V. Lobashevskii, I. I. Tuktaev. Izv. vys. ucheb. zav., elektromekh. 4 no. 3:116-122 '61

BRYANSK—CEMENT PLANTS—EQUIPMENT AND SUPPLIES

Cooling the journal bearings of cement mills. V. D. Tokareva. TSement 27 no. 3:26 My-Je '61

BRYANSK—FOUNDRIES

In step with our time. M. Andriukhina. Sov. profsoiuzy 17 no. 14 20-21 Jl '61.

BRYANSK—GAS DISTRIBUTION—TECHNOLOGICAL INNOVATIONS

Every sixth one is an efficiency promoter. G. Safonov. Zhil.-kom. khoz. 11 no. 5,11-12 My '61

BRYANSK—RETAIL TRADE

Customers' demands should be the center of attention. I. Gulin. Sov. torg. 34 no. 6:28-29 Je '61

BRYANSK—SOCIALIST COMPETITION

Business of Bryansk repairmen. I. Romashin. Zhil.-kom. khoz. 11 no. 5,4 My '61.

BRYANSK PROVINCE—PUBLIC INSTITUTIONS—ACCOUNTING

Centralizing accounting in public institutions. I. IAshchenko. Bukh. uchet 16 no. 6 42-43 Je '61.

BRYANSK PROVINCE—STORKS

Distribution of the white stork in Bryansk Province. A. V. Fedosov. Ornitologiia no. 2:147-149 '59.

BUCKWHEAT

[Buckwheat] Grechikha. [Moskva] Mosk. rabochii, 1961. 21 p. (Bibliotechka polevoda)
(DA)

BUBBLES

Kinetics of the attachment of mineral particles to bubbles in flotation. Part 4. Retardation of bubble surface by surfactants and their distribution on bubble surface [with summary in English]. S. S. Dukhin, B. V. Deriagin. Zhur. fiz. khim. 35 no. 6:1246-1257 Je '61.

Kinetics of the attachment of mineral particles to bubbles in flotation. Part 5. Motion of the bubble surface considerably retarded by a dissolved surface active agents, distribution of the surface active substance and the electric field of the bubble [with summary in English] S. S. Dukhin, B. V. Deriagin. Zhur. fiz. khim. 35 no. 7 1453-1457 Jl '61.

BUCHAREST—PUPPETS AND PUPPET PLAYS

"Peter and the wolf" receives a gold medal. N. Sats. Sov. muz. 25 no. 7,135 Jl '61.

BUCKWHEAT

Some data on the root microflora of corn and buckwheat and its influence on the growth of plants. Z. A. Aikadeva. Nauch. dokl. vys. shkoly, biol. naukt no. 3:163-168 '61

BUDGET
(see also subdivision under Germany, West; United States)

Carry out the 1961 budget of the R. S. F. S. R. in a model fashion. I. Fadeev. Fin. SSSR 22 no. 3:8-20 Mr. '61.

Consolidate the revenue base of the Union Republics. M. Bikbulatov. Fin. SSSR 22 no. 7:49-52 Jl '61.

For a successful carrying out of the 1961 budget and model preparation of the draft state budget for 1962. G. Dundukov. Fin. SSSR 22 no. 7:8-17 Jl '61.

BUILDING TRADES—STUDY AND TEACHING
(see also subdivision under Kemerovo Province, Kirov Province)

Construction workers should master a second trade. V. Leonova, M. Lobachev. Prof.-tekh. obr. 18 no. 7 29-30 Jl '61

Study room on building machinery. A. Doronin, V. Andreev. Prof.-tekh. obr. 18 no. 7 12-13 Jl '61

BUILDINGS
(see also subdivision under Czechoslovakia)

Breakage and collapse in structural elements. IA.S. Letenson. Izv. vys. ucheb. zav.: stroi. i arkhit. 4 no. 2:150-164 '61.

BUILDINGS, EMPLOYEES' see Employees' buildings

BUILDINGS, PREFABRICATED
(see also subdivision under Moscow)

Apartment house made of three-dimensional elements in Nakhodka. P. Bronnikov. Zhil. stroi. no. 6:20-21 Je '61

Apartment houses made of three-dimensional blocks. A. Voinov, V. Kulin, N. Bleshchik. Shor. nauch. rab. Inst. stroi. i arkhit. AN BSSR no. 3 171-177 '60

Plan of tentable buildings for a field camp. D. Chushin. Tekh. v sel'khoz. 21 no. 8 27 Ag '61.

A "production line" of houses. I. Shapovalov. Agitator no. 15 31-33 Ag '61.

Raise completely precast housing construction to the highest technical level! A. Gokhbaum, IU. Dykhovichnyi. Stroi. i arkhit. Mosk. 10 no. 6 12-17 Je '61

Structural bonds in large-panel buildings. A. Emel'ianov, R. Rozykov. Stroi. i arkhit. Mosk. 10 no. 6 10-11 Je '61

Vertical molding machine for manufacturing room blocks. Stroitel' no. 2 23-25 F '61

BUILDINGS, PREFABRICATED—TRANSPORTATION

Prefabricated apartment unit transported on an automobile tram. Avt. transp. 39 no. 6 56 Je '61

BUKHARA—WATER, UNDERGROUND

Zonality of the ground waters in the arid regions of Central Asia as exemplified by the ones in Bukhara. D. M. Kats. Biul. MOIP. Otd. geol. 36 no. 2 133-134 Mr.-Ap. '61

BUKHARA PROVINCE—AGRICULTURE—STUDY AND TEACHING

"I cannot leave her . . ." Faizulla Khodzhaev. Smena 36 no. 12 12-13 Je '61

BUKOVINA—HISTORY

TSypho, K. H. [The Great October Socialist Revolution and the struggle of the Bukovina workers for the power of the Soviets and reunification with the Soviet Ukraine] Velyka Zhovtneva sotsialistychna revoliutsiia i borot'ba trudiashchikh Bukoviny za vladu rad ta vozz'iednannia z Radians'koiu Ukrainoiu. Chernivtsi, 1958. 220 p.
(NNC)

BULAKHOVSKII, LEONID ARSEN'EVICH, 1888-1961

Leonid Arsen'evich Bulakhovskii, obituary. K.K. TSilunko. Ukr. mova v shkoli 11 no. 3:94-95 My-Je '61.

BULGARIA—AUTOMOBILES—SOCIETIES, ETC.

Tenth anniversary of the Volunteer Society for Assistance to the Defense of the Bulgarian People's Republic. Za rul. 19 no. 5:27-28 My '61

BULGARIA—BIBLIOGRAPHY

[New literature on European people's democracies and Slavic studies: Bulgaria.] Nov. lit. po evrop. stran. sar. dem. i slav.: Bolg. no. 6 '61.

BULGARIA—CONSTITUTIONAL LAW—BIBLIOGRAPHY

A review of literature on constitutional law published in the People's Republic of Bulgaria, from 1956 to 1960. A. G. Mozokhina. Sov. gos. i pravo 31 no. 2:152-156 F '61

BULGARIA—CONSTRUCTION INDUSTRY—TECHNOLOGICAL INNOVATIONS

Mechanization of labor-consuming processes in the construction industry of Bulgaria. P. Matov. Mekh. stroi. 18 no. 6:28-30 Je '61.

BULGARIA—DESCRIPTION AND TRAVEL

Till we meet again, Bulgaria! A. Vaksberg. Semlia i shkola 16 no. 5:40-42 My '61.

Two weeks in Bulgaria. A. Petrovskii. Nov. vrem. 19 no. 31-24-25 Jl '61.

BULGARIA—ECONOMIC ZONING

On the problem of economic regionalization in Bulgaria. E. B. Valev. Vop. geog. no. 53,27-47 '61

BULGARIA—EDUCATION

Education and Culture Day of the Bulgarian people. Iordan Nikolov. Sov. pedag. 25 no. 6:133-135 Je '61.

BULGARIA—FANS, MECHANICAL

Ventilator construction in Bulgaria. Zh. V. Stoianov. Vod. i san. tekh. no. 7:29-30 Jl '61.

BULGARIA—HISTORY

The nature and development of the socialist revolution and people's democratic government in Bulgaria. Petr Popov. Sov. gos. i pravo 31 no. 2 79-85 F '61

BULGARIA—INDUSTRIAL LAWS AND LEGISLATION

Law on state-owned enterprises in the People's Republic of Bulgaria. I. Gus'kova. Sov. iust. no. 11 7 Jl '61

BULGARIA—ORTHODOX EASTERN CHURCH

Bulgarian Church. Zhur. Mosk. Pati. no. 7 75 Jl '61

BULGARIA—POLITICS AND GOVERNMENT

The nature and development of the socialist revolution and people's democratic government in Bulgaria. Petr Popov. Sov. gos. i pravo 31 no. 2 79-85 F '61

BULGARIA—RADIOACTIVE SUBSTANCES

Graphical method of determining the activity of irradiated specimens. Slavcho Popov. Atom. energ. 11 no. 1,61-65 Jl '61

BULGARIA—RELATIONS (GENERAL) WITH RUSSIA

Five days in Bulgaria. P. Barashev. Sov. foto 21 no. 7, 28-29 Jl '61

BULGARIA—SCIENCE

Science serves the people. Oleksandr Ketkov. Nauka i zhyttia 11 no. 5 39-41 My '61

BULGARIA—SCULPTORS, UKRAINIAN

A sculptor's fate. Andrii Nimenko. Ukraina no. 15:19 Ag '61

BULGARIAN LANGUAGE—DICTIONARIES—RUSSIAN

[Bulgarian-Russian pocket dictionary] Karmannyi bolgarsko-russkii slovar." Sost. M. A. Leonidova. 10 400 slov. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1961. 534 p.

BULGARIAN PAINTINGS see Paintings, Bulgarian

BULLDOZERS

D-412 bulldozer and loader. Na stroi. Ros. no. 5:30 My '61.

Increased bulldozer efficiency. N. L. Borisov. Mekh. stroi. 18 no. 6 2-5 Je '61

Method of determining the shape of the profile of a bulldozer moldboard. N. L. Zhikharev. Stroi. i dor. mash. 6 no. 6:22-23 Je '61

BULLDOZERS—EQUIPMENT AND SUPPLIES

Moldboard with lateral blades. V. Efimov. Strotel' no. 6 9 Je '61.

BULLDOZERS—TESTING

Testing D-492 and D-493 bulldozers. A. A. IArkin. Mekh. stroi. 18 no. 5 11-13 My '61

BULLS

Rating bull sires of dairy breeds on the basis of the productivity of their progeny [with summary in German] A. M. Zorin. Biul. nauch.-tekh. inform. VIZH no. 2 3-7 '58

BULUN REGION—GINKGOALES, FOSSIL

Ginkgoales from lower Cretaceous deposits of the lower Lena Valley (Bulun region in the Lena coal basin). N. D. Vasilevskaia. Trudy NIIGA 111:150-160 '60

BURDENKO, NIKOLAI NIKOVICH, 1876-1946

Mirskii, M. B. [In the name of life; on the Academician N. N. Burdenko] Vo imia zhizni; ob akademike N. N. Burdenko. Moskva, Gospolitizdat, 1960. 93 p.
(CLU)

BURNS AND SCALDS

"Around-the-clock duty by the bedside." A. Teleshenko. Starsh.-serzh. no. 1:16 Ap '61

Bandage for covering a burn surface. V. P. Dobrovol'skii. Voen.-med. zhur. no. 8,84 Ag '60

Burns of the eyelids from napalm. N. A. Ushakov. Voen.-med. zhur. no. 8:50-53 Ag '60.

Clinical aspects and operative treatment of burns. T. IA. Ar'ev. Voen.-med. zhur. no. 8:20-23 Ag '60

Combined radiation injuries; burns combined with radiation sickness. A. A. Gukasian. Voen.-med. zhur. no. 8:57-60 Ag '60.

Current problems in the diet therapy of burns. I. S. Kolesnikov, P. I. Shilov, P. V. Pilipshin. Voen.-med. zhur. no. 8:32-38 Ag '60.

Field table for treating burns. V. A. Pankov, N. A. Starostin. Voen.-med. zhur. no. 8:60-61 Ag '60.

Free skin transplant on the spongy bone of the arch of the skull in deep chemical burn. A. B. Alferov. Voen.-med. zhur. no. 8:53-55 Ag '60

Local treatment of burns. B. V. Nastavin, P. D. Kovalenkov, V. P. Kozlov. Voen.-med. zhur. no. 8:48-48 Ag '60.

Method for the measurement and registration of a burn surface. V. A. Dolinin. Voen.-med. zhur. no. 8:55-56 Ag '60.

Organization of specialized surgical aid in mass burns. N. T. Katerinich. Voen.-med. zhur. no. 3 12-14 Mr. '61

Some results of a study of burn patients in relation to the condition of their internal organs. N. S. Molchanov. Voen.-med. zhur. no. 8 24-31 Ag '61.

Treatment of facial burns with bandages. V. V. Vlasov and others. Voen.-med. zhur. no. 8:48-50 Ag '60

Treatment of patients with thermal burns with a biological film cover. A. N. Berkutov, K. A. Nurishchenko. Voen.-med. zhur. no. 8 11-15 Ag '60.

Treatment of thermal burns with the action of ultraviolet rays from a mercury-quartz lamp. K. A. Kiutikova, G. A. Klang. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 3 255-256 My-Je '61

Use of adrenocorticotropic hormone, cortisone, and prednisone in the treatment of burns. V. E. Belnev, L. M. Khachkin. Voen.-med. zhur. no. 8,38-43 Ag '60

BURYAT-MONGOLIA—ECONOMIC POLICY

Ulan-Ude. Buriatskii kompleksnyi nauchno-issledovatel'skii institut. [The Buryat A. S. S. R. in the seven-year plan] Buriatiia v semiletke. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1960. 63 p.
(MH)

BURYAT-MONGOLIA—PALEONTOLOGY

Nalctov, P. I. [Catalog of sites of fossil fauna, flora, pollen, and spores in the central Buryat A. S. S. R.] Katalog mestonakhozhdenii iskopaemykh fauny, flory, pyl'tsy i spor tsentral'noi chasti Buriatskoi ASSR. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1961. 62 p.

BUSH PEA

Effect of cytiton and Thermopsis tincture on the emetic effect of apomorphine under clinical and experimental conditions [with summary in French] A. V. Zavialov, V. I. Nikolaev. Zhur. nevr. i psikh. 61 no. 3:439-445 '61.

BUTADIENE

Conjugated systems. Part 141: Diene synthesis with 2-chloromethyl-1, 3-butadiene. V. S. Mikhashevskaia, A. A. Petrov. Zhur. ob. khim. 31 no. 7 2161-2166 Jl '61

Interaction of nitrosyl chloride with diallyl and divinyl. K. A. Ogloblin, A. A. Potekhin. Zhur. ob. khim. 31 no. 7 2438-2439 Jl '61

Obtaining divinyl by the S. V. Lebedev method. A. S. Vorob'ev. Khim. v shkole 15 no. 3 59-60 My-Je '60

Organic oxides. Part 21: Addition of phenols to divinyl, chloroprene, and isoprene oxides. V. M. Al'bitskaia, A. A. Petrov, E. M. Bliakhman. Zhur. ob. khim. 31 no. 7 2166-2171 Jl '61

Polymerization of styrene, butadiene, and isoprene initiated by lithium-ethyl in various media. IU. L. Spirin and others. Dokl. AN SSSR 139 no. 4 899-902 Ag '61.

Vinyl compounds in diene synthesis. Part 7: Diene synthesis of vinyl ethers and thioethers with 2, 3-dimethyl-1, 3-butadiene. M. F. Shostakovskii, A. V. Bogdanova, A. N. Volkov. Zhur. ob. khim. 31 no. 7 2098-2100 Jl '61

BUTANE

Alkylation of benzene, toluene, and xylenes with 1, 3-dibromobutane. I. P. TSukervanik, L. V. Bugrova. Zhur. ob. khim. 31 no. 7 2143-2140 Jl '61.

Gol'denfun, I. S., D. IA. Volovich, and I. S. Baber. [Propane and butane are a substitute for acetylene for cutting metal in construction] Propan-butan - zamenitel' atsetilena dlia rezki metalla v stroitel'stve. Leningrad, 1961. 16 p. [Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serita: Stroitel'naia promyshlennost', no. 11]

Kinetics and mechanism of the decomposition of hydrocarbons. Mechanism of the thermal cracking of butanes [with summary in English]. A. D. Stepukhovich, R. V. Kosyreva, V. I. Petrosian. Zhur. fiz. khim. 35 no. 6: 1331-1336 Je '61.

Oxidation of n-butane in the gaseous and liquid phases. E. A. Blumberg, G. E. Zaikov, N. M. Emanuel'. Dokl. AN SSSR 139 no. 1:99-101 Jl '61.

Phase and volume relationships in the system acetic acid - butane. I. R. Krichevskii and others. Khim. prom. no. 7,498-502 Jl '61.

Recovery of isobutylene from butane-butylene mixtures. A. T. Mentailo and others. Zhur. VKHO 6 no. 4 470-471 '61.

Stereochemical studies. Part 10: Schiff bases from optically active 2-aminobutane. V. M. Potapov, A. P. Terent'ev, S. P. Spivak. Zhur. ob. khim. 31 no. 7, 2415-2419 Jl '61.

BUTANOL—SPECTRA

Analysis of a mixture of 2-methyl-2-butanol and 2-methyl-2-butene based on infrared spectra. V. A. Sidorov, M. A. Shaburov, E. D. Sofronenko. Zav. lab. 27 no. 7: 826 '61.

BUTENE

Recovery of isobutylene from butane-butylene mixtures. A. T. Mentailo and others. Zhur. VKHO 6 no. 4:470-471 '61.

BUTENE—SPECTRA

Analysis of a mixture of 2-methyl-2-butanol and 2-methyl-2-butene based on infrared spectra V A Sidorov, M A Shaburov, E D. Sofronenko Zav lab 27 no 7 826 '61

BUTLEROV, ALEKSANDR MIKHAILOVICH, 1828-1886

First synthesis of sugar substance, on the centennial of A M Butlerov's synthesis I M Vol'per Sakh prom 35 no 7 13-14 Jl '61

BUTTER

How the feeding of cows with chemically preserved corn silage affects the quality of milk and butter A P. Patriatii Biul nauch.-tekh. inform VIZH no. 1, 14-16 '58

Phase changes of milk fat in butter production processes. G. V. Tverdokhleb. Izv. vys. ucheb zav , pishch tekh no. 2 41-48 '60

Plastic and elastic properties of solid fats. B. A. Nikolaev, L. A Lutik Masl.-zhir prom 27 no 7 23-27 Jl '61.

Studying foaming in cream. A D, Grishchenko, Izv vys ucheb zav ; pisch. tekh no 2 49-56 '60

BUTTERFAT

Composition of butterfat in various portions of milk [with summaries in English, German, and French] V P Aristova Vest. sel'khoz nauki 6 no 7:59-62 Jl '61

Intensiveness of oxidizing processes and the butterfat content of milk. N. A. Bogomolov. Agrobiologiia no. 4: 553-560 Jl-Ag '61.

BUTYL ALCOHOL

Separate determination of butyl alcohol and butylacrylate vapors T G Lipina Zav lab 27 no 7 817 '61

BUTYL PHOSPHATE

Extraction of americium with tributyl phosphate. V. I. Zemlianukhin, G. P. Savoskina. Radiokhimiia 3 no. 4: 411-416 '61.

BUTYRIC ACID

Effect of whole-body X irradiation on the level of γ-aminobutyric acid in the brain S S Musaelian, I A. Sytinskii. Dokl. AN SSSR 139 no 4 994-995 Ag '61.

BUZZARDS see subdivision under Moscow

BYALOVEZHSKA PUSHCHA—FOREST SOILS

Migration of iron and aluminum during soil formation under the forest canopy. B. G. Rozanov. Vest. Mosk. un. Ser. 6 Biol., pochv. 16 no. 4: 67-78 Jl-Ag '61.

BYALOVEZHSKA PUSHCHA—PHEASANTS

The new inhabitants of Byalovezhska Pushcha T. Kurskova Belarus' 18 no 7 31 Jl '61

BYALOVEZHSKA PUSHCHA—STORKS

Biology of the black stork in the Byalovezhska Pushcha. M. I. Lebedeva. Ornitologiia no. 2: 138-142 '59.

BYALOVEZHSKA PUSHCHA—WORMS, INTESTINAL AND PARASITIC

Helminth fauna of bats in the Byalovezhska Pushcha IU F. Marozau Vestsi AN BSSR. Ser biial. nav. no 2: 92-98 '61.

BYZANTINE EMPIRE—HISTORY—BIBLIOGRAPHY

Recent Soviet studies devoted to basic problems in the social and economic history of the Byzantine Empire, results of a discussion Vop. ist no 8, 111-124 Ag '61

CABBAGE

[illegible] vaia kapusta. [Moskva] Mosk. Bibliotechka polevoda)

Raising the thermal stability of silver acetylide by the addition of cadmium V V Boldyrev, V P Pron'kin Zhur VKHO 6 no 4 476-477 '61

Reducing the loss of cadmium in the manufacture of cadmium bronze A. V. Kudiumov, A A. Rotershtein. Lit proizv no 7 44-45 Jl '61

CADMIUM—ANALYSIS

Bromobenzothiazo, a new reagent for the determination of cadmium Zav. lab. 27 no. 8: 1016 '61

Rapid method for the determination of copper in metallic cadmium and cadmium salts by means of potassium ferrocyanide [with summary in English] A S Kozlov Zhur anal khim 16 no 1 501-502 Jl-Ag '61

Trilon B in the determination of microquantities of lead in metallic cadmium M. E Vdovenko, N D Spivakovskaia Zav. lab 27 no 8: 963-964 '61.

CADMIUM AMALGAM

Speed of propagation of ultrasonic waves in certain zinc and cadmium amalgams. A. Z. Golik, I. F. Klassen, G. M. Kuchuk. Akust. zhur. 7 no. 2 258-260 '61.

CADMIUM COMPOUNDS

Physicochemical properties of complex compounds of cadmium halides with anabasine. M. K. Aliavitia. Zhur. neorg. khim. 6 no. 7: 1601-1611 Jl '61.

Synthesis and thermographic analysis of complex compounds of cadmium halides with anabasine. M. K Aliavitia, L. M Zaitsev. Zhur neorg khim 6 no 7: 1599-1603 Jl '61

CADMIUM SELENATE

Composition and some properties of selenic acid cadmium salts. L. IA Markovskii, IU. P. Sapozhnikov Zhur neorg. khim 6 no 7: 1592-1598 Jl '61

CADMIUM SULFATE

Solubility isotherm of the system urea - cadmium sulfate - water at 30° K. Sulaimankulov, I G Druzhinin. Zhur. neorg khim. 6 no 7: 1724-1726 Jl '61

CADMIUM SULFIDE—SPECTRA

Effect of temperature on the optical absorption of polycrystalline cadmium sulfide layers. K V. Shalimova, N V Pirogova. Dokl AN SSSR 130 no 4 938-941 Ag '61

CADMIUM SULFIDE CRYSTALS—OPTICAL PROPERTIES

Optical absorption by certain metallic impurities in the crystal lattice of cadmium sulfide V. V Serdiuk, T. IA. Sera Izv vys. ucheb. zav , fiz. no 2 132-137 '61.

CAISSON DISEASE see Decompression sickness

CALCITE

Carbonate concretions in relict meadow soils in the southern part of the forest zone V. V. Dobrovol'skii. Nauch. dokl. vys. shkoly, biol. nauki no 3 180-184 '61

Cave "pearls." E. V. IAstrebov. Priroda 50 no. 8: 68 Ag '61

CALCITE CRYSTALS see subdivision under Azizbekov

CALCIUM

Complexometric determination of calcium in the urine of farm animals, S S. Rubinova. Biul. nauch.-tekh Inform. VIZH no. 1: 56-58 '58

New complexometric method for the determination of sulfates in the presence of calcium and magnesium [with summary in English] I. Dragusin Zhur anal khim 16 no 4 404-406 Jl-Ag '61

CALCIUM—ANALYSIS

Complexometric determination of calcium in pharmaceutical analysis with use of a new indicator [with English]. K. V. TSerkasevich. Apt. delo My-Je '61.

e determination of calcium in magnesium rsenazo reagent. L. IA Poliak Zav. 3-806 '61.

.OGICAL EFFECT
and calcium ions on the electrotonic d roots [with summary in English]. Fiziol zhur. [Ukr.] 7 no. 4: 490-498

and calcium on interoceptors of the T. D. Dzidziguri, V. A. Lebedeva. 9 no. 1, 238-241 Jl '61

see subdivision under Ural

automation of basic processes in car- L. I. Moroz. Mekh. i avtom. proizv. '61.

nsisting of lithium, calcium, and 's, Z. A. Mateiko, G. A. Bukhalova. 6 no. 7: 1728-1730 Jl '61.

)DY
active calcium in the body of healthy age groups and in the body of swine atrophic rhinitis. Visnyk sil'hosp. -118 Ag '61

Genesis of the T wave in the electrocardiogram of the frog Report No 2 Variation of the T wave under the local effects of K^+ and Ca^{++} on the myocardium, IAn Siue-i [Yang Hsueh-i]. Nauch. dokl. vys. shkoly, biol nauki no 3 73-79 '61

Prevention of calcium and phosphorus insufficiency in children of preschool age [with summary in English] A. M Votobieva Vop. pit 20 no 4 24-28 Jl Ag '61

CALCIUM METABOLISM

Calcium and phosphorus metabolism in high-producing cows with D-hypovitaminosis V P. Demin and I Visnyk sil'hosp nauky 4 no 8 86-90 Ag '61

Some characteristics of the metabolism of food calcium in poultry in connection with the formation of eggshell. E. V. Sokolova. Biul MOIP. Otd. biol 66 no. 4: 149 Jl-Ag '61.

CALCULUS, INTEGRAL

Calculation of n-dimensional integrals. I M. Sobol'. Dokl. AN SSSR 139 no 4 821-823 Ag '61

CALCULUS, OPERATIONAL

Application of V. P. Pilatovskii's operational method of approximation to the solution of one problem involving the radial flow of an elastic fluid in an elastic stratum N. A Saltakazin Shor nauch trud. Kuib. inzhen. in-st no 8, 309-322 '59

Calculating certain improper integrals by the operational method. V. I. Kval'vasser. Shor nauch trud Kuib. inzhen. inst no 8, 277-291 '59.

CALCULUS OF DIFFERENCES see Difference equations

CALCULUS OF TENSORS

Forced anisotropy. V. A. Zamkov. Vest. Mosk. un. Ser. 3 Fiz., astron. 16 no. 4: 19-23 My-Je '61.

Tensor characteristics of finite deformations of a continuum V D Bondar' Prikl mat i mekh 25 no 3 508-516 My-Je '61.

CALCULUS OF VARIATIONS

Estimation of the number of stationary points of dynamic systems having a first integral in the large [with summary in English]. L. E. El'sgol'ts. Vest. Mosk. un. Ser 1 Mat , mekh. 16 no 3 19-21 My-Je '61.

CALENDAR

Tables for determining the days of the week. L. F Sakharovskii. Biul VAGO no. 29, 48-49 '61

CALIFORNIUM

Production and analysis of californium by ultramicrochemical methods. Atom. energ. 11 no. 1: 83-84 Jl '61.

CALLISTHENICS

Lovitskaia, I. V., and S. L. Folgin. [Industrial callisthenics; manual for instructors and public workers] Proizvodstvennaia gimnastika; posobie dlia instruktorov-obshchestvennikov. [Moskva] Izd-vo VTsSPS Profizdat, 1961. 102 p.

Promoting strength, I. Pishchugin, A. Kalashnikova Grazhd. av. 18 no. 6: 29 Je '61.

CALORIMETERS

All-metal microcalorimeter for the determination of heats of combustion [with summary in English] V. V Ponomarev, T. A. Alekseeva. Zhur. fiz. khim. 35 1629-1633 Jl '61.

CALORIMETRY

Automatic regulation of adiabatic processes in calorimetric measurements. IA. A. Kraftmakher, F. Strelkov. PMTF no. 3: 194-197 S-O '60

CALVES

Effect of hydrochloride biomycin on the growth and development of calves [with summary in German] N G. Pervov Biul nauch.-tekh. inform. VIZH no 2 20-26 '59.

CALVES—DISEASES AND PESTS

Pathological changes in the stomach and liver of stillborn calves suffering from toxic dyspepsia [in Armenian with summary in Russian]. V. A. Voskerchian Izv. sel'khoz nauki Arm SSR 4 no 3 101-104 '61

CALVES—FEEDING AND FEEDS

Feeding calves with the milk substitute "KOV" [with summary in German]. M. F. Tomme, A. L. Devitskii. Biul. nauch.-tekh. inform. VIZH no 2: 20-24 '58.

Systems of various intensity in dairy cattle raising and their effect on the constitutional features of animals [with summary in German]. A. P. Beguchev. Biul nauch.-tekh. inform. VIZH no 2, 8-13 '58.

CAMBODIA—FOREIGN RELATIONS—MONGOLIA

New page in the relations between Mongolia and Cambodia Sovr. Mong. 6 no. 1: 8 Ja '61.

CAMERAS

AFA, the small aerial photographic camera of the Institute for Engineers in Geodesy, Aerial Photography and Cartography B. N. Rodionov. Trudy MIIGAiK no. 45: 9-11 '61.

CAMEROONS—POLITICS AND GOVERNMENT

Against false facts and slander A detective story with more to come [U Bochkarev] Nov vrem 19 no 35 20-21 Ag '61.

CAMOUFLAGE (MILITARY SCIENCE)

Organization of cover for materiel I I Korzhuev Vest protivovozd. obor no 5 63-65 My '61

CAMPING

(see also subdivision under Carpathian Mountains, Caucasus)

Nagornyi, A.G. [Tourism as one of the activities of the "Ready for Labor and Defense" Organization] Turizm v komplekse GTO. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1960. 71 p.

CAMPING—OUTFITS, SUPPLIES, ETC

Special equipment for campers Z. Bobyrl, M. Gordon, V Golovin Tekh mol 29 no 6:30-31 '61

CAMPS

(see also subdivision under Black Sea region; Sosnovka)

Every boarding school should have its own summer camp V Borilkevich. Shkola-int no 3 72-73 My-Je '61.

Friendship between Junior Pioneers and the Pioneers in a camp N.S Panova Nach. shkola 20 no. 6 53-58 Je '61

Great and important task. N Lapina. Okhr truda i sots. strakh 4 no 6-12 Je '61

Pioneer camp in a city. P A. Zhil'tsov. Nach. shkola 20 no. 6:59-62 Je '61.

Planning the territory of a school camp I. I. Zaikovskii. Biol. v shkole no 3:82-83 My-Je '61

CAMS

Methods of determining the rigidity of the spring in cam mechanisms with a spring-loaded driven link B E. Goraki, IA L Chernlavskii Izv vys ucheb. zav., tekh leg. prom. no 3:145-150 '61.

CANADA—DESCRIPTION AND TRAVEL

Canada. O Feofanov. Sov foto 21 no 7:42-43 Jl '61.

CANADA—ECONOMIC CONDITIONS

Main features of Canada's regional economic development during the postwar period I. N Karpov Vop geog no 53.85-100 '61.

CANADA—ECONOMIC POLICY

Postwar structural changes in the economy of Canada. R. Faramazian. Mir. ekon. i mezhdunar. otn. no. 8 77-86 Ag '61.

CANADA—FOREIGN ECONOMIC RELATIONS—UNITED STATES

Postwar structural changes in the economy of Canada. R. Faramazian. Mir. ekon. i mezhdunar. otn. no. 8: 77-86 Ag '61.

CANADA—HOURS OF LABOR

The reduction of hours of work. Vsem. prof. dvizh. no 2:38-42, 44 F '61

CANADA—PARKS

National and provincial parks of Canada G. A. Zyrianov. Izv AN SSSR Ser. geog. no. 4:137-139 Jl-Ag '61.

CANADA—REFUGEES, UKRAINIAN

The "servants of God" with the mark of Cain. O. Mazurkevych Voiov. steist no. 1, 49-54 Ja '61

CANALS see subdivision under Ukraine

CANCER

(see also subdivision under China)

Effect of splenin on the relation between the activity of the connective tissue and nitrogen metabolism in rabbits with Brown-Pearce tumors [with summary in English]. V. S Lusenko. Fiziol. zhur. [Ukr.] 7 no. 4: 545-552 Jl-Ag '61.

Electron microscopy of ultrathin sections of tissue of breast cancer in mice of the C-3NA line and of sarcoma 45 in rats [with summary in English]. A. S. Shubin, T. I. Tikhomirova. Vop. onk 5 no. 11:573-578 '59.

Electron paramagnetic resonance study of the interaction of tumor and normal cells with semiquinone ion radicals originating from the inhibitors of free-radical processes [with summary in English]. A E. Kalmanson, L. P. Lipchina, A. G. Chetverikov Biofizika 6 no. 4. 416-423 '61.

Sharlai, N. I. [Cancer of the internal organs; causes, course, prevention, and medicinal treatment] Rak vnutrennikh organov, prichiny techenie, preduprezhdenie, i lekarstvennoe lechenie. [Khar'kov] Khar'kovskoe knizhnoe izd-vo, 1960. 206 p. (DNLM)

The viral concept of cancer etiology. H. Koprowski. Vop. virus. 7 no. 3:259-267 My-Je '61.

CANDIDOMYCOSIS see Monilliasis

CANDY see Confectionery

CANFIELDITE see subdivision under Bolivia

CANINE DISTEMPER see Distemper

CANNED FISH see Fish, Canned

CANNED FOOD see Food, Canned

CANNED MEAT see Meat, Canned

CANNING INDUSTRY

(see also subdivision under Simferopol)

In the Central Union of Consumers' Cooperatives Sov potreb koop. 5 no 8 64 Ag '61

CANNING INDUSTRY—EQUIPMENT AND SUPPLIES

Automatic production line for the canning industry. V. Ochkin Mias. ind. SSSR 32 no. 1:7-10 '61.

CANTATAS

Shirinian, R. K. [The oratorio and the cantata] Oratoriia i kantata. Moskva, Gos. muzykal'noe izd-vo, 1960. 39 p. (Muzykal'nye formy i zhanry)

CAPE GIRARDEAU, MO.—TELEVISION—TRANSMITTERS AND TRANSMISSION

510-meter steel television tower. S. N. Korchemkin. Mont. i spets. rab. v stroi. 23 no. 7 31-32 Jl '61

ČAPEK, KAREL, 1890-1938

Something new on Karel Čapek [with summary in English] O. M Malevich. Vest. LGU 16 no. 14 92-105 '61.

CAPILLARIES

Motion of water vapor in microcapillaries. N N Fediakin Izv. vys. ucheb. zav., fiz no. 2 114-119 '61.

Variation of the excitation interval for a capillary singing flame. V. N. Podymov, P. A Norden Izv. vys ucheb zav., fiz. no 1:134-137 '61

CAPILLARITY

Effect of the mineralogical composition of a porous medium on the height of capillary permeation. A Asadov, N Tairov Izv AN Azerb SSR Ser fiz.-mat i tekh. nauk 2-101-108 '61

Plan for determining capillary pressure under dynamic conditions. M. I. Shvidler. PMTF no. 4:84 N-D '60

CAPITAL

(see also subdivision under Japan; Moscow)

Fundamental advantages of socialism in utilizing production funds. K. Val'tukh, L. Dolotenkova Fin. SSSR 22 no. 3:48-57 Mr '61.

Indices of the economic effectiveness of capital investments and utilization of capital assets. I. Shor Fin. SSSR 22 no 7:43-49 Jl '61.

Kolosov, A. F. [Some problems of the production of the means of production in industries of the U. S. S. R., author's abstract of a dissertation] Nekotorye voprosy vosproizvodstva osnovnykh fondov v promyshlennosti SSSR; avtoreferat dissertatsii. Moskva, Mosk. fin. in-t M-va vysshego obrazovaniia SSSR, 1958. 14 p. [MICROFILM]

New book on the production of means of production in the U. S. S. R. industry ("Capital assets of socialist industry" by P. G Bunich. Reviewed by S. Khavkin) Fin SSSR 22 no. 7:90-92 Jl '61

Several methodological problems in working out a long-range balance of fixed assets. A Kolosov. Plan. khoz 38 no 8:41-51 Ag '61.

CAPITAL INVESTMENTS

Capital investments in agriculture and the calculation of their effectiveness. G. Raskin. Vop. ekon. no. 7 119-126 Jl '61.

Planning capital investments and new machinery. IA. Kvasha, V Krasovskii. Vop. ekon. no. 8:61-71 Ag '61.

Potentials for improving the structure of capital expenditures. V Shimanskii Ekon stroi. no. 7:32-35 Jl '61.

CAPITALISM

Dragilev, M. S., and G. Rudenko. [Monopolistic capitalism; essays on the basic features of imperialism] Monopolisticheskii kapitalizm; ocherki osnovnykh chert imperializma. Moskva, Sotsekgiz, 1961. 478 p. (MH)

Khromushin, G. B. ["Economic humanism" or new variations on the theme "people's capitalism"] "Ekonomicheskii gumanizm" ili novye variatsii na temu o "narodnom kapitalizme." Moskva, Gos. izd-vo "Vysshaia shkola," 1961, 58 p.

Some features of state monopoly capitalism. L. Leont'ev. Mir. ekon. i mezhdunar. otn. no. 7:86-97 Jl '61.

Study of the "origin of capitalism" by a council attached to the Department of History of the Academy of Sciences of the U. S. S. R. in 1960. A. N. Chistozvonov. Vop. ist. no 8:109-110 Ag '61.

Vishnev, S. M. [Two systems and two results; a new stage in the economic competition of socialism and capitalism] Dve sistemy - dva itoga; novyi etap ekonomicheskogo sorevnovaniia sotsializma i kapitalizma. Moskva, Izd-vo "Znanie," 1961. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, Ekonomika, no. 12)

CAR TRUCKS (RAILROADS)

Ways of lengthening the service life of cylinder roller bearings. V M Chebanenko Vest. TSNII MPS 20 no 4:36-39 '61.

CARAMEL

New technology for making Mu-Mu milk caramels. A. I. Izrin Khleb. i kond. prom. 5 no 7:32-33 Jl '61

Sokolovskii, A. L. [Physicochemical foundations of the caramel industry] Fiziko-khimicheskie osnovy proizvodstva karameli. Izd. 2., perer. i dop. Moskva, Pishchepromizdat, 1961. 131 p.

CARAVAGGIO, MICHELANGELO DA, 1569-1609

[Michelangelo da Caravaggio] Mikel'andzhelo da Karavadzho. Moskva, Gos. izd-vo izobraz. iskus., 1960. 1 v. illus.

CARBAMIC ACID

Photometric determination of small amounts of cobalt in the form of trivalent cobalt diethyldithiocarbaminate [with summary in English] K P Stoliarov Zhur anal khim 16 no 4 452-457 Jl-Ag '61

CARBOHYDRATE METABOLISM

Disorders of carbohydrate metabolism in cyprinoid fishes infested by Ligula and Digramma. N A Kosareva Dokl AN SSSR 138 no. 2:510-512 Jl '61

CARBOHYDRATES

Paper chromatographic study of the carbohydrate composition of fruit in plants of the carrot family (Umbelliferae). I. S Kozhina Trudy Bot. inst. Ser 5 no. 8 40-42 '61.

CARBON—ANALYSIS

Flash combustion in the microdetermination of carbon and hydrogen in a rapid flow of oxygen [with summary in English]. V. A Klimova, T A Antipova Zhur anal khim 16 no. 4 465-468 Jl-Ag '61

Heteroorganic analysis by the "wet combustion" method Report No 3 Determination of carbon and nitrogen in nitro compounds from a single sample [with summary in English] A P Terent'ev, B M Luskina Zhur anal khim 16 no 4 462-464 Jl-Ag '61

Rapid simplified method for the microdetermination of carbon and hydrogen in monomeric and polymeric organofluorine compounds. A. I. Lebedeva, N. A. Nikolaeva, V A. Orestova Izv AN SSSR Otd khim nauk no 7 1350-1352 Jl '61

Thermoelectric method of determining carbon in carbon steels P D Korzh. Zav. lab 27 no. 8:996-998 '61.

CARBON—ISOTOPES

Neutrons from the C^{12} (t, n) reaction [with summary in English]. P I. Vatset, L. IA. Kolesnikov, S. G Tonapetian. Zhur. eksp i teor. fiz. 40 no 5:1257-1260 My '61

Yield curves of fast photoneutrons from C^{12} and Al^{27} [with summary in English]. V. Prespelin, L. A Kul'chitskii Zhur eksp i teor. fiz. 41 no 1 60-63 Jl '61

CARBON—SPECTRA

Methods of determining carbon in iron alloys by means of spectrum analysis. A. S. Demianchuk Avtom. svar. 14 no. 7:90-91 Jl '61.

CARBON BLACK

Electronic paramagnetic resonance in some carbon blacks. N. S. Garifianov, A V. Il'inov, IU. M Ryzhmanov Zhur tekh. fiz 31 no 6 694-698 Je '61.

CARBON DIOXIDE

Carbonation with flue gases of the return brines from the evaporation of electrolytic caustic soda. B G Rabovskii, V S Shinlaeva. Khim prom. no 7:453-455 Jl '61.

Determination of the isotope effect in the assimilation of labeled carbon dioxide in the process of photosynthesis and chemosynthesis [with summary in English]. IU. I Sorokin. Mikrobiologiia 29 no. 2,204-208 Mr-Ap '60.

Kinetics and mechanism of methane oxidation. Part 6 Mechanism of carbon dioxide formation and the evaluation of the stationary state concentration of hydroxyl radicals in the reaction [with summary in English] L. V. Karmilova, N. S Enikolopian, A. B. Nalbandian. Zhur. fiz. khim. 35 no. 7 1458-1464 Jl '61.

CARBON DIOXIDE—PHYSIOLOGICAL EFFECT

Comparative action of oxygen and carbon dioxide on some metabolic and enzymatic processes of the liver. K. Stoicheseu, A. M. Zirra, L. A. Voicu. Vop. kur., fizioter. i lech. fiz. kul't 26 no. 3,227-229 My-Je '61

Stimulation of the growth of molds by carbon dioxide and the effect of mesotartaric acid on this process [with summary in English]. S. A. Barinova. Mikrobiologiia 29 no. 2,161-163 Mr-Ap '60.

CARBON ELECTRODES see Electrodes, Carbon

CARBON MONOXIDE

Catalytic hydropolymerization reactions of olefins and their hydrocondensation with carbon monoxide. IA. T. Eidus. Izv. AN SSSR. Otd. khim. nauk no. 7 1336-1342 Jl '61.

CATALYSIS (Continued)

Sultanov, A. S. [D. I. Mendeleev's chemical theory of catalysis and its further development] Khimicheskaia teoriia kataliza D. I. Mendeleeva i dal'neishee ee razvitie. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, 1961. 98 p.

CATALYSTS

Catalysts for crease resistant finish (from "Textile Manufacturer," February, March, 1960) L. S. Shub Tekst. prom. 21 no. 4 78-80 Ap '61

Change in the structure of titanium gel catalysts in ethyl alcohol dehydration. M. A. Piontkovskaia and others. Ukr. khim. zhur. 27 no. 1 147-154 '61

Mechanism of oxidation, hydrogenation, and electrochemical combustion on solid catalysts. Part 3: Relation between depolarizing oxides on carbon and platinum and the catalytic effect of the latter in the oxidation of SO_2 [with summary in English]. O. K. Davtian and others. Zhur. fiz. khim. 35 no. 6 1186-1191 Je '61.

Reforming of the gasoline fraction of the Volga-Ural petroleums on a rhenium-silica catalyst treated with hydrogen sulfide. Kh. M. Minachev, M. A. Riashentseva, V. A. Petukhov. Izv. AN SSSR Otd. khim. nauk no. 7 1307-1310 Jl '61.

Regeneration of the catalyst for the oxidation of paraffin from sludge water. V. I. Babaev and others. Maslozhir. prom. 27 no. 7, 28-30 Jl '61

Transformations of cyclohexane on a palladium-bismuth catalyst under hydrogen pressure. N. I. Shuikin and others. Izv. AN SSSR Otd. khim. nauk no. 7 1315-1319 Jl '61.

CATALYSTS, NICKEL

Sedimentometric analysis of a nickel catalyst. A. A. Shmidt, K. V. Geishina. Maslozhir. prom. 27 no. 7 20-23 Jl '61

CATARACT

Rabinovich, M. G. [Cataract] Katarakta. Moskva, Medgiz, 1960. 18 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

Two hundred and sixty-five extractions of a cataract by means of an erysiphake with a water pump and Arruga's forceps [with summary in English] Kh. Merdzhanov, P. Bankov, B. Evtimov. Oft. zhur. 16 no. 4 195-198 '61.

CATECHOL

Method for determining the amount of vitamin P-active catechins in the urine [with summary in English] P. A. Kraiko. Vop. pit. 20 no. 4 57-59 Jl-Ag '61

CATHEDRALS see subdivision under Chernigov, Leningrad

CATHODE FOLLOWERS

Cathode follower of a pentode for work with microelectrodes. I. S. Mahuna. Fiziol. zhur. [Ukr.] 7 no. 4, 566-568 Jl-Ag '61.

Problems concerning the use of cathode followers in phantastron circuits. A. M. Tomashpol'skii. Radiotekhnika 16 no. 7, 38-45 Jl '61.

CATHODE RAYS

Production of a dense plasma in a hot cathode discharge in a magnetic field. V. E. Golant, N. I. Orlov, I. P. Pakhomov. Zhur. tekh. fiz. 31 no. 7 797-801 Jl '61

Values of $V_{c.v}$ and φ for a molybdenum cathode in argon. P. N. Chastinkov, R. A. Milovanova. Zhur. tekh. fiz. 31 no. 6 746-748 Je '61.

CATHODES

Equilibrium and steady-state potential of the hydrogen cathode. V. M. Novakovskii. Zhur. fiz. khim. 34 no. 2 473-474 F '60

Nineteenth interdepartmental conference on cathode electronics. A. A. IAsnopol'skaia, R. P. Vikhlineva, T. M. Ekimenko. Radiotekh. i elektron. 6 no. 8, 1407-1408 Ag '61

Thermionic properties of HfC, NbC, ScB, TuB_6, TuB_4. V. S. Fomenko. Radiotekh. i elektron. 6 no. 8, 1406. Ag '61

CATHODIC PROTECTION

Planning the protection of underground pipes against stray currents. E. V. Vasilevskii, E. M. Gutman. Stroi. treboprov. 6 no. 6 11-12 Je '61

CATHOLIC CHURCH see subdivision under Cuba; Italy

CATHOLIC CHURCH—DOCTRINAL AND CONTROVERSIAL WORKS

Ragauskas, Jonas. [Go away, the mass is over] Stupaite, miessa okonchena! Moskva, Gos. izd-vo polit. lit-ry, 1961. 310 p.

CATHOLIC CHURCH (BYZANTINE RITES) see subdivision under Transcarpathia

CATION-EXCHANGING COMPOUNDS see Base-exchanging compounds

CATIONS

Dynamics of the change of the nitrogen content of wine during the cation exchange. E. S. Drboglav. Izv. vys. ucheb. zav.; pishch. tekh. no. 2, 72-78 '60.

CATOIRE, GEORGII L'VOVICH, 1861-1926

G. Catoire. A. Gol'denveizer. Sov. muz. 25 no. 7 52-53 Jl '61

CATS

(see also subdivision under Turkmenistan)

Cats and the valerian. V. V. Kempinskas. Priroda 50 no. 8 124 Ag '61

CATTLE

Processing of cattle in British, Dutch, Danish, and French enterprises (to be concluded) P. Boldyrev, L. Burtsev, V. Novikov. Mias. ind. SSSR 32 no. 1 58-61 '61

[Stockbreeding; cattle] Skotovodstvo; krupnyi rogatyi skot. V dvukh tomakh. Moskva, Gos. izd-vo sel'khoz. lit-ry.
Vol. 1, 1961. 420 p.
Vol. 2, 1961 315 p.
(DA)

CATTLE—EXHIBITIONS

Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka, 1954. [Cattle at the All-Union Agricultural Exhibition of 1954, catalog] Krupnyi rogatyi skot na Vsesoiuznoi sel'skokhoziaistvennoi vystavke 1954 goda, katalog. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1955. 73 p.

CATTLE—FEEDING AND FEEDS

Nitrous substances in the rumen of cattle. V. M. Holovach. Visnyk sil'hosp. nauky 4 no. 8, 111-113 Ag '61

Possibilities for lowering costs on state fattening farms. M. Gainetdinov. Mias. ind. SSSR 31 no. 4, 31-35 '60

Using carbamide (urea) for fattening cattle. A. Sokolov, P. Kotov. Mias. ind. SSSR 32 no. 3 10-11 '61

CATTLE—GRADING

Draft standards for cattle and beef. N. Smirnitskaia and others. Mias. ind. SSSR 31 no. 4 33-34 '60

CATTLE BREEDS see subdivision under Daghestan

CATTLE TRADE

Concerning price lists for cattle. A. Sakhno. Mias. ind. SSSR 31 no. 4 16 '60.

CAUCASUS—BIRDS—MIGRATION

Characteristics of fall migration of birds along the Black Sea coast of the Caucasus. E. S. Piushenko. Ornitologiia no. 2 200-207 '59.

CAUCASUS—CAMPING

Shiriaev, S. D. [Guide to the Northern Caucasus] Putevoditel' po Severnomu Kavkazu. [Stavropol'] Stavropol'skoe knizhnoe izd-vo, 1960. 380 p. map.
(NN)

CAUCASUS—CIRSIUM

New and critical species of Cirsium Mill. in Caucasus. A. L. Kharadze. Zam. po sist. i geog. rast. no. 22 63-77 '61.

CAUCASUS—GUIDEBOOKS

Shiriaev, S. D. [Guide to the Northern Caucasus] Putevoditel' po Severnomu Kavkazu. [Stavropol'] Stavropol'skoe knizhnoe izd-vo, 1960. 380 p. map.
(NN)

CAUCASUS—HISTORY

The establishment of Soviet republics in Transcaucasia as a triumph of the Leninist nationalities policy and the principles of national self-determination. A. Z. Begiian. Sov. gos. i pravo 31 no. 2 48-58 F '61.

CAUCASUS—MINERAL WATERS

[Caucasian mineral waters] Kavkazskie mineral'nye vody. Stavropol', 1960. 275 p.
(DC)

CAUCASUS—PYRETHRUM

Notes on certain Caucasian species of Pyrethrum Gaertn. I. P. Mandenova. Zam. po sist. i geog. rast. no. 22 57-62 '61

CAUCASUS—REDSTART

Winter feeding of the redstart Phoenicurus erythrogaster erythrogaster Guld. in the central Caucasus. R. L. Beme. Ornitologiia no. 2 208 '59.

CAUCASUS—SKULLCAP (BOTANY)

Data on the study of scullcaps of the section Lupulinaria A. Hamilt. in the Greater Caucasus. A. L. Kharadze. Zam. po sist. i geog. rast. no. 22 43-56 '61.

CAUCASUS—TREES

Relict tree species of the glacial epoch as indicators of the distribution of the ice cover in the Caucasus [with summary in English]. V. Z. Gulisashvili. Biul. MOIP. Otd. biol. 66 no. 4 72-84 Jl-Ag '61.

CAUCASUS—VALLEYS

Commentary on E. M. Velikovskaya's article "On lengthwise river valleys of the Greater Caucasus." A. E. Krivolutskii. Izv. vys. ucheb. zav., geol. i razv. 3 no. 6, 132-134 Je '60.

CAUCASUS—WORLD WAR, 1939-1945

Baramidze, Mikhail. [The Georgian people in the struggle for the defense of the Caucasus] Gruzinskii narod v bor'be za oboronu Kavkaza. Tbilisi, Izd-vo AN Gruz. SSR. 1960. 185 p. [In Georgian.]
(MH)

CAUCASUS, NORTHERN—AGRICULTURE

Soveshchanie peredovikov sel'skogo khoziaistva Severnogo Kavkaza, Rostov-on-Don, 1961. [Leading agricultural workers talk about their experience, materials of the Conference of Leading Agricultural Workers of Northern Caucasus, Roston-on-Don, 1961] Peredoviki sel'skogo khoziaistva o svoem opyte; materialy. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1961. 124 p.
(DA)

CAUCASUS, NORTHERN—FRUIT CULTURE

[Research achievements of the Northern Caucasus Regional Research Institute of Fruit Culture and Viticulture] Severo-Kavkazskii zonal'nyi nauchno-issledovatel'skii institut sadovodstva i vinogradarstva. Itogi nauchno-issledovatel'skoi raboty. [Krasnodar] Krasnodarskoe knizhnoe izd-vo, 1959. 336 p.

CAUCASUS, NORTHERN—GAS, NATURAL—GEOLOGY

Discussion. V. G. Vasil'ev and others. Trudy VNIGNI no. 32 282-336 '60

Geotectonic zonation and estimation of the oil and gas potentials of Ciscaucasia. M. S. Burshtar. Trudy VNIGNI no. 32 24-46 '60.

Oil and gas potentials of Ciscaucasia in view of the distribution characteristics of accumulations in the piedmont basins. I. O. Brod and others. Trudy VNIGNI no. 32 76-99 '60

Outlook for oil and gas in eastern and central Ciscaucasia and the southern Russian Platform and basic trends in future prospecting. N. IU. Uspenskaia, R. I. Bykov, IU. A. Sudarikov. Trudy VNIGNI no. 32 211-247 '60

Some distribution characteristics of the oil and gas accumulations in the Northern Caucasus. N. A. Eremenko, S. P. Maksimov. Trudy VNIGNI no. 32 272-281 '60

CAUCASUS, NORTHERN—GEOLOGY, STRATIGRAPHIC

Correlation of the Jurassic sediments in the Northern Caucasus and Russian Platform. G. IA. Kiyngoltts. Trudy VNIGNI no. 29 vol. 2 47-56 '61

Some features of the structure of the Eocene sediments in northern Ciscaucasia and the Volga Valley portion of Stalingrad and Astrakhan Provinces. IU. A. Sudarikov. Trudy VNIGNI no. 32 248-259 '60

CAUCASUS, NORTHERN—GEOLOGY, STRUCTURAL

Geotectonic activity in eastern Ciscaucasia in the Paleogene. V. D. Somov. Trudy VNIGNI no. 32 108-121 '60

Studying the tectonics of central and eastern Ciscaucasia using the morphometrical method. S. G. Neruchev, V. M. Shaposhnikov. Trudy VNIGNI no. 32 260-271 '60

CAUCASUS, NORTHERN—LOESS

This provokes alarm. V. Gavrikov, F. Shulaev. Zbil'-kom. khoz. 11 no. 7 31 Jl '61

CAUCASUS, NORTHERN—MERCURY

Preliminary data on the distribution of mercury in rocks in the Northern Caucasus. G. D. Afanasev, I. Kh. Aidinan. Izv. AN SSSR. Ser. geol. 26 no. 7 101-104 Jl '61.

CAUCASUS, NORTHERN—PETROLEUM GEOLOGY

Discussion. V. G. Vasil'ev and others. Trudy VNIGNI no. 32 282-336 '60

Geotectonic zonation and estimation of the oil and gas potentials of Ciscaucasia. M. S. Burshtar. Trudy VNIGNI no. 32 24-46 '60.

Oil and gas potentials of Ciscaucasia in view of the distribution characteristics of accumulations in the piedmont basins. I. O. Brod and others. Trudy VNIGNI no. 32 76-99 '60.

Outlook for oil and gas in eastern and central Ciscaucasia and the southern Russian Platform and basic trends in future prospecting. N. IU. Uspenskaia, R. I. Bykov, IU. A. Sudarikov. Trudy VNIGNI no. 32 211-247 '60

Some distribution characteristics of the oil and gas accumulations in the Northern Caucasus. N. A. Eremenko, S. P. Maksimov. Trudy VNIGNI no. 32 272-281 '60

CAUCASUS, NORTHERN—PRECAST CONCRETE

North Caucasian complex of industrial enterprises. I. M. Dobrykin. Prom. stroi. 39 no. 7 36-39 '61.

CAUCASUS, NORTHERN—VITICULTURE

[Research achievements of the Northern Caucasus Regional Research Institute of Fruit Culture and Viticulture] Severo-Kavkazskii zonal'nyi nauchno-issledovatel'skii institut sadovodstva i vinogradarstva. Itogi nauchno-issledovatel'skoi raboty. [Krasnodar] Krasnodarskoe knizhnoe izd-vo, 1959. 336 p.

Time of applying nitrogen fertilizers in the irrigated piedmont vineyards of the Northern Caucasus. E. IU. Boeva. Sbor. trud. IUzhNIIGiM no. 6 97-105 '58.

CAUCASUS, NORTHERN—WATER-SUPPLY ENGINEERING

Study of water intakes on mountain rivers of the Northern Caucasus. I. I. Kirlenko. Sbor. trud. IUzhNIIGiM no. 6 216-226 '58.

CAUCASUS, NORTHERN—WHEAT—IRRIGATION

Lodging of irrigated winter wheat and measures for its control D. V. IArmizin Shor. trud IUzhNIIGiM no 6: 176-182 '58.

CAVE DRAWINGS see subdivision under Sahara, Shulgan Valley

CAVES see subdivision under Kizel region

CAVITATION

Cavitation flow past a plate near the free surface of a weightless fluid A. V. Kuznetsov Izv. vys. ucheb. zav., mat. no. 4: 39-49 '61.

Concerning two critical stages in the state of cavitation. S. B. Stopskii. Energomashinostroenie 7 no. 4: 21-22 Ap '61.

Investigating cavitation flows around solids of revolution in carrousel type hydraulic ducts A. A. Kovalʹ, B. G. Novikov. PMTF no. 3: 197-200 S-O '60.

Resistance of polymeric plastics to erosion by cavitation K. K. Shalʹnev Dokl. AN SSSR 139 no. 1: 60-62 Jl '61.

CEDRENE

Synthesis of β-cedrene. M. I. Goriaev, G. A. Tolstikov. Dokl. AN SSSR 139 no. 2: 363-366 Jl '61.

CELESTIAL MECHANICS see Mechanics, Celestial

CELL DIVISION (BIOLOGY)

Effect of ionizing radiation on the mitotic activity of cell populations during the stage of exponential growth A. D. Strazhizhovskii Radiobiologiia 1 no. 1: 104-111 '61.

Effect of protective substances on the mitotic activity of the corneal epithelium in irradiated mice. O. P. Domareva. Radiobiologiia 1 no. 2, 278-282 '61.

CELL NUCLEI

Effect of cultivation conditions on the size of cell nuclei in single-layer tissue cultures IA. E. Kheisin Dokl. AN SSSR 139 no. 1: 208-210 Jl '61.

Radiosensitivity of actinomycetes strains and species as related to the structural characteristics of their nuclear elements. A. A. Prokofʹeva-Belʹgovskaia, O. N. Kapitonova, Z. B. Shamina Radiobiologiia 1 no. 1, 112-118 '61.

Submicroscopic structure of the nucleolus in sexual and somatic cells of ascarids I. B. Tokin. Nauch. dokl. vys. shkoly, biol. nauki no. 3: 57-60 '61.

CELLS

Electron microscope and cells. V. F. Mashanskii. Nauka i zhizn' 28 no. 6: 65-68 Je '61.

Excitation spectra and intensity of natural fluorescence of cells L. S. Agroskin, I. IA. Barskii Dokl. AN SSSR 139 no. 1: 987-990 Ag '61.

CELLULOID

Dispersion of birefringence in celluloid and its uses in photoplasticity [with summary in English]. V. P. Netrebko. Vest. Mosk. un. Ser. 1 Mat., mekh. 16 no. 3: 53-61 My-Je '61.

CELLULOSE—CONGRESSES

General Conference of the Department of Chemical Science of the Academy of Sciences of the U. S. S. R. held on March 9-10, 1961 Izv. AN SSSR, Otd. khim. nauk no. 7: 1357-1360 Jl '61.

CEMENT

(see also subdivision under Leningrad)

Kuznetsov, A. M., and E. S. Kovalev. [New means of manufacturing cement containing alumina] Novye sposoby proizvodstva glinozemistogo tsementa, [illegible] shkola," 1961. 86 p.

[illegible]ment at storage points. [illegible] no. 6: 5-9 Je '61.

[illegible]ion of research,

[illegible] silicic acid [illegible] ished [illegible]skaia, K. IA. [illegible]o. 3: 21-23

[illegible]ie article [illegible]oi. Ros. no.

[illegible]y and tech- [illegible]ty-Je '61

[illegible]oncrete rings.

[illegible] of various [illegible] 56-68 '61.

[illegible] clinker [illegible]skii, S. M.

CEMENT INDUSTRIES

New stage in the development of the cement industry TSement 27 no. 3: 1-3 My-Je '61.

CEMENT INDUSTRIES—BY-PRODUCTS

Flooring materials based on cement dust. A. V. Piskareva, L. M. Gracheva Stroi. mat. 7 no. 6: 29 Je '61.

CEMENT INDUSTRIES—COSTS

Naumova, L. N. [How to increase labor productivity and lower production costs in the cement industries] Puti povysheniia proizvoditelʹnosti truda i snizheniia sebestoimosti v tsementnoi promyshlennosti. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 126 p.

CEMENT INDUSTRIES—HYGIENIC ASPECTS see subdivision under Sverdlovsk

CEMENT INDUSTRIES—LABOR PRODUCTIVITY

Naumova, L. N. [How to increase labor productivity and lower production costs in the cement industries] Puti povysheniia proizvoditelʹnosti truda i snizheniia sebestoimosti v tsementnoi promyshlennosti. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 126 p.

CEMENT KILNS

Operation of a kiln with a complex of heat exchange apparatus. S. I. Karevskii TSement 27 no. 3: 14-16 My-Je '61.

CEMENT PLANTS

(see also subdivision under Bakhchisaray)

Accelerate the construction of cement plants Prom. stroi 39 no. 5: 1-2 '61.

Drabkin, G. S., and others. [Automation of cement plants] Avtomatizatsiia tsementnykh zavodov. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 399 p.

CEMENT PLANTS—EQUIPMENT AND SUPPLIES

(see also subdivision under Bryansk, United States)

Additions to rate lists nos. 4, 7, 17, 21, and 32 on equipment assembly Tekhn. stroi. no. 6: 62-68 Je '61.

Improving the operation of cement mills. B. B. Senʹkovskii TSement 27 no. 3: 8-11 My-Je '61.

New heavy-duty cement mill. S. IA. Antoshchenko. TSement 27 no. 3: 16-19 My-Je '61.

Technical consultation. V. A. Areʹev, V. V. Tkachev. TSement 27 no. 3, 31 My-Je '60.

CEMENT PLANTS—SAFETY MEASURES

Kotliarov, E. L. [Safety engineering guide for mechanics and lubricators in cement plants] Pamiatka po tekhnike bezopasnosti dlia motorista-smazchika tsementnogo zavoda. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 7 p. (Tekhnika bezopasnosti)

CEMENT PLANTS—TECHNOLOGICAL INNOVATIONS

How we obtained an increase in cement output. S. G. Sozanskii, A. N. Bevz TSement 27 no. 3: 23-24 My-Je '61.

CEMENTATION (METALLURGY)

Abramson, IA. P., N. N. Gracheva, and I. S. Shats. [Gas carbonitriding of steel parts with triaminoethanol] Gazovaia nitrotsementatsiia stalʹnykh detalei trietanolaminom. Leningrad, 1961. 15 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom, Seriia: Metallovedenie i termicheskaia obrabotka, no. 2)

CEMENTITE

Volume changes of the carbide phase in tempering. B. A. Apaev, M. A. Kotkis Izv. vys. ucheb. zav., fiz. no. 1: 150-158 '61.

CENTO see Central Treaty Organization

CENTRAL AFRICAN REPUBLIC

Ubangi-Shari interfluve N. Pykhtunov. Az. i Afr. seg. no. 7: 36-38 Jl '61.

CENTRAL ASIA see Asia, Central

CENTRAL ASIA, SOVIET see Soviet Central Asia

CENTRAL BLACK EARTH PRESERVE—VALERIAN

Shoot and root formation in the Russian valerian (Valeriana rossica P. Smirn.). M. A. Borisova-Gulenkova. Nauch. dokl. vys. shkoly, biol. nauki no. 3, 125-128 '61.

CENTRAL BLACK EARTH REGION—AGRICULTURE

Soveshchanie peredovikov selʹskogo khoziaistva TSentralʹnoi chernozemnoi zony, Voronezh, 1961. [Leading agricultural workers talk about their experience; materials of the Conference of Leading Agricultural Workers of the Central Black Earth Region, Voronezh, 1961] Peredoviki selʹskogo khoziaistva o svoem opyte; materialy. Moskva, Izd-vo M-va selʹ. khoz. RSFSR, 1961. 125 p.

(DA)

CENTRAL TREATY ORGANIZATION

Plans of atomic piracy; CENTO documents. Nov. vrem. 18 no. 35: 14-19 Ag '61.

CENTRIFUGAL CASTING

Centrifugal machine for casting bronze-bushing blanks A. A. Kalmius Sbor. rats. predl. vnedr. v proizv. no. 2: 56 '61.

Method of determining the speed of hardening of centrifugal castings N. N. Reutov. Lit. proizv. no. 7: 43-44 Jl '61.

Nusimovich, G. IA., M. D. Nikitin, and S. F. Fedorov. [Centrifugal casting of supercharger wheels] TSentrobezhnoe litʹe koles nagnetatelei. Leningrad, 1961. 17 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Liteinoe proizvodstvo, no. 1)

CENTRIFUGAL FORCE

Waves on the surface of a fluid under the action of centrifugal force Sun Tsao. PMTF no. 3: 90-96 S-O '61.

CENTRIFUGES

Carrying away of particles in settling-tank centrifuges and separators G. A. Sabundo Izv. vys. ucheb. zav., pishch. tekh. no. 2: 99-107 '60.

CEPHALIN

Complex lipides Part 2: Synthesis of unsaturated and saturated α-cephalins. V. I. Shvets, L. V. Volkova, N. A. Preobrazhenskii. Zhur. ob. khim. 31 no. 7: 2181-2186 Jl '61.

CEPHALOPODA

Colorimetric investigation of vision in cephalopod molluska O. IU. Orlov, A. I. Byzov Dokl. AN SSSR 139 no. 3, 723-725 Jl '61.

CEPHEIDS

Cepheids of the Magellanic Clouds. T. A. Gologorodʹko Biul. VAGO no. 29: 18-22 '61.

CERAMIC INDUSTRIES

Combining the processes of vibrating and molding in molding plastic ceramics B. I. Nudelʹman, I. P. Plashchenko Stroi. mat. 7 no. 6, 22-24 Je '61.

The creative activity of the masses is growing. Stek. i ker. 18 no. 6: 1-2 Je '61.

From the pages of foreign magazines. Stek. i ker. 18 no. 6: 45-47 Je '61.

From the pages of foreign magazines. Stek. i ker. 18 no. 7: 46-48 Jl '61.

More glass and ceramics for construction. Stek. i ker. 18 no. 7: 1-4 Jl '61.

Using infrared radiation in laboratory practice. R. I. Tsoi. Stek. i ker. 18 no. 6: 40-41 Je '61.

CERAMIC INDUSTRIES—ELECTRIC EQUIPMENT

Automatic electric dehydration of slip. A. E. Rabinovich, A. I. But Stek. i ker. 18 no. 7: 18-19 Jl '61.

CERAMICS

Accelerated drying of bathroom fixtures. B. N. Gak, N. S. Gavrilov. Stek. i ker. 18 no. 7: 20-24 Jl '61.

Efficient method of polishing ceramic articles with a high alumina content. P. P. Budnikov, IA. M. Kantor. Stek. i ker. 18 no. 7: 29-32 Jl '61.

CEREAL PRODUCTS

Improving the technology of groat production I. Klabe Muk.-elev. prom. 27 no. 4: 16 Ap '61.

CEREAL PRODUCTS—ANALYSIS

Automatic groat sampling at the Orenburg Grain Milling Combine N. Timofeev, S. Varzhantsev. Muk.-elev. prom. 27 no. 8: 19-20 Ag '61.

CEREBRAL CORTEX

Effect of the functional state of the cerebral cortex on the nature of the specific dynamic action of proteins [with summary in English]. T. O. Dzhoieva. Fiziol. zhur. [Ukr.] 7 no. 4: 520-526 Jl-Ag '61.

Irradiation of strychnine stimulation provoked in the cerebral cortex [with summary in English]. N. IU. Belenkov, V. D. Chirkov. Zhur. vys. nerv. delat. 11 no. 3: 512-521 My-Je '61.

Study of the bioelectrical activity of individual neurons of the cerebral cortex in rabbits [with summary in English]. A. M. Melekhova. Zhur. vys. nerv. delat. 11 no. 3: 536-544 My-Je '61.

CEREBRAL HEMORRHAGE see Apoplexy

CEREBROSIDES

Thin-layer chromatography of cerebrosides. N. K. Kochetkov, I. G. Zhukova, I. S. Glukhoded Dokl. AN SSSR no. 3: 608-611 Jl '61.

CEREBROSPINAL FLUID

Electrophoretic examination of proteins in the blood serum and cerebrospinal fluid in tumors and inflammatory processes of the central nervous system [with summary in English]. K. M. Gorbacheva. Zhur. nevr. i psikh. 61 no. 3: 350-358 '61.

CERIUM COMPOUNDS

Coprecipitation of cerium and lanthanum with potassium sulfate. V. I. Grebenshchikova, V. N. Bobrova. Radiokhimiia 3 no. 4: 377-383 '61.

CERIUM-LEAD ALLOYS

Investigation of the thermodynamic properties of cerium-lead, praseodymium-lead, and neodymium-lead P P Oropkov, IA. I Gerasimov, A M Evseev Dokl AN SSSR 139 no 3,616-617 Jl '61

CERIUM OXIDES

Electric conductivity and transference numbers of the system CeO_2-ZrO_2 [with summary in English]. S F Pal'guev, Z. S. Volchenkova Zhur. fiz khim 34 no 3, 452-455 F '60

Peroxide compounds of cerium S Z Makarov, I V Ladeinova Izv AN SSSR Otd khim nauk no 7 1176-1182 Jl '61

CERIUM SULFATE

Determination of refraction values of cerium sulfate compounds V. A. Golovnia, L A Pospelova Zhur neorg. khim 6 no. 7:1574-1581 Jl '61

CESAREAN SECTION

Immediate and late results of cesarean section R A Khentov Fel'd i akush 26 no 7 29-33 Jl '61

CESIUM

Extraction of cesium with carboxylic acids. S M. Karpacheva, N M. Adamskii, V V. Borisov. Radiokhimiia 3 no 3 272-283 '61.

CESIUM—ISOTOPES

Accumulation and elimination of strontium-90 and cesium 137 by the caddis fly Halesus interpunctatus Zett. A B. Getsova, G. A. Volkova. Dokl. AN SSSR 139 no. 2;483-484 Jl '61

CESIUM—SPECTRA

Doubling of the mass spectrum of cesium [with summary in English]. M. P. Glazunov, V. A. Kisilev, V L. Litvakov Zhur anal khim 16 no 4 490 Jl-Ag '61

CESIUM CHLORIDE CRYSTALS

Stability of structures of the cesium and sodium chloride type in TlCl crystals N N Kristofel' Fiz. tver. tela 3 no 6 1876-1878 Je '61

CESIUM SULFATE

Interaction in solutions of indium sulfate and lithium and cesium sulfates. E. N Detchman Zhur neorg. khim 6 no 7:1677-1680 Jl '61

CESTODA

Development of the uterus in the cestode Monteziia expansa (Rud., 1810). E. D Loginchev Dokl. AN SSSR 139 no. 4 1023-1024 Ag '61.

Disorders of carbohydrate metabolism in cyprinoid fishes infested by Ligula and Digramma N A Kosareva. Dokl AN SSSR 139 no 2;510-512 Jl '61.

CEYLON—ECONOMIC POLICY

Measures taken in Ceylon to restrict foreign capital. I. Popova. Mir. ekon. i mezhdunar. otn. no. 8:103-106 Ag '61.

CEYLON—INVESTMENTS, FOREIGN

Measures taken in Ceylon to restrict foreign capital. I. Popova. Mir. ekon. i mezhdunar. otn. no. 8:103-106 Ag '61.

CEYLON—PETROLEUM INDUSTRY

Ceylon frees itself from the influence of the oil kings. M. Ruzhin Nov. vrem 19 no 31:18-19 Jl '61.

CEYLON—POLITICS AND GOVERNMENT

Opposition to the Ceylon reactionaries. M. Muradov. Az i Afr seg. no. 7:55-56 Jl '61.

CHAENICHTHYIDAE

White-blooded fishes. B. Rzhevskii. Nauka i zhizn' 28 no. 6;77 Je '61.

CHAINS

Life of toothed chains with antifriction sprockets. B. V. Nikolaev. Izv. vys. ucheb. zav., mashinostr. no 6: 99-110 '61.

CHAINS (MATHEMATICS)

Topology of groups of singular integral chains. V. A. Baidasov. Sib mat. zhur. 2 no. 3:331-340 My-Je '61.

CHALCID FLIES

Effect of host hormones on the diapause in Pteromalus puparum L. (Hymenoptera, Chalcidoidea). V. A. Maslennikova. Dokl. AN SSSR 139 no 1;249-251 Jl '61.

CHALCOGENIDES

Vaporization of chalcogenides of alkaline earth metals [with summary in English]. B. P. Nikonov, N. G. Otmakhova. Zhur fiz. khim 35 no. 7.1494-1498 Jl '61.

CHALCOPYRITE see subdivision under Armenia

CHAMAEPEUCE

Notes on the species Chamaepeuce Pr. Alpin in Central Asia. S. G Tamamshian. Zam. po sist. i geog. rast. no. 22;79-82 '61.

CHAMBER ORCHESTRA see subdivision under Alma-Ata, Moscow

CHAMPAGNE see subdivision under Alma-Ata

CHANGE OF LIFE IN MEN see Climacteric

CHAPAYEVO DISTRICT—AGRICULTURAL ADMINISTRATION

A district party committee has received a complaint. A. IUshin. Part. zhizn' Kazakh. 34 no. 7 56-60 Jl '61.

CHARGING SYSTEMS (LIBRARIES)

My opinion on a number of issues V. IAkovleva Bibliotekar' no 7 59 Jl '61.

CHARNOCKITE see subdivision under Yenisey Ridge

CHAROPHYTA, FOSSIL see subdivision under Russian Platform

CHARVAK—DAMS

Study of the rock foundation of the Charvak dam. M. M. Grishin and others. Sbor. trud. MISI no. 32:5-14 '61

CHARVAK—SPILLWAYS

Laboratory hydraulic studies of variants of a side-channel spillway for the Charvak hydroelectric development. P. P. Mois and others. Sbor. trud. MISI no 32:81-97 '61.

CHASTUSHKI

Lazutin, S. G. [Russian chastushki; their origin and genre] Ruskaia chastushka; voprosy proiskhozhdeniia i formirovaniia zhanra. Voronezh, Izd-vo Voronezhskogo univ., 1960. 260 p. (MIl)

CHECHEN LANGUAGE—PHONETICS

Desheriev, IU. D. [The modern Chechen literary language] Sovremennyi chechenskii literaturnyi iazyk. Groznyi, [Chechено-Ingushskoe knizhnoe izd-vo] Vol. 1. [Phonetics] Fonetika. 1960. (MIl)

CHECKERS

On 100 squares. I. Kuperman, IU. Bars'kyi. Ukraina no. 15;28 Ag '61.

CHEKASHEVO—COOPERATIVE SOCIETIES

Cooperative society in a progressive village. L. Vylegzhanin. Sov. potreb. koop 5 no. 5-11 Je '61.

CHEKHOV, NIKOLAI VLADIMIROVICH, 1885-1947

N. V. Chekhov. Nar. asv. no 5:95 My '61.

CHELNO-VERSHINY DISTRICT—POLITICS AND GOVERNMENT

They evicted the village executive committee. D. Davydov, N. Koshelev. Sov. deput. trud. no. 6:68-70 Ag '61.

CHELYABINSK—CRANES, DERRICKS, ETC.

Using the "4030" model hydraulic crane in building furnaces. F. N. Drozdetskii. Mont. i spets. rab. v stroi. 23 no. 7:23-25 Jl '61.

CHELYABINSK—EVENING AND CONTINUATION SCHOOLS

Organizing instruction in staggered groups. A. N. Nikolaev. Sred spets obr. 8 no 7;21-28 Jl '61.

CHELYABINSK—TRACTOR INDUSTRY

Economic-analysis office at the Chel'yabinsk Tractor Plant. L. B. Ratinova. Mashinostroitel' no. 7,43 '61.

Innovator teams introduce automation. IA. R. Bukhman. Mashinostroitel' no. 8.27-28 Ag '61.

Pledge of tractor-industry workers in the Ural Mountains. G V. Zaichenko. Mashinostroitel' no. 7 3-4 '61.

CHELYABINSK—TROLLEY BUSES

Built by the people. IU. Dolgopiatov. Zhil.-kom. khoz. 11 no. 6;10-11 Je '61.

CHELYABINSK BASIN—STRIP MINING—LABOR PRODUCTIVITY

Korkino open-cut mines are enterprises of communist labor. V. P. Kondratenko, E. K. Proskurnikov. Ugol' 36 no. 6:8-11 Je '61.

CHELYABINSK PROVINCE—BAKERS AND BAKERIES

Chelyabinsk Province scientific and technical conference of workers of the baking industry. M. S. Dinaburg. Khleb. i kond. prom. 5 no. 7;46 Jl '61.

CHELYABINSK PROVINCE—CONSTRUCTION INDUSTRY

Tarasenko, M. IA. [Reorganization of the management of industry and construction and lowering the cost of building and assembling operations; from the experience of the Chelyabinsk Economic Administrative Region] Perestroika upravleniia promyshlennost'iu i stroitel'stvom i snizhenie sebestoimosti stroitel'no-montazhnykh rabot; iz opyta stroitel'nykh organizatsii Cheliabinskogo ekonomicheskogo administrativnogo raiona. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 74 p. (Opyt ekonomicheskoi raboty strock)

CHEMICAL APPARATUS

Design of chemical apparatus N I Toganov Zhur prikl khim 34 no 7 1509-1514 Jl '61

New model of a chromatogrphic collector [with summary in English]. V. T. Avgul', V. S. Batrukov, K V Chmutov Zhur. fiz khim 34 no 2 460-461 F '60

CHEMICAL BONDS

Relation between the energy of formation of a molecule from free atoms and its structure. V M Tatevskii, IU. G. Papulov. Zhur. fiz khim 34 no 2:241-258 F '60.

Resistance to abrasive wear and bond strength of metal lattices V N Kashcheev, V. M Glaskov Izv vys ucheb. zav., fiz no 2 156-159 '61.

Simpozium po gomoliticheskim reaktsiiam v zhidkoi faze. [Summaries of reports to the Symposium on Homolytic Reactions in the Liquid Phase] Tezisy dokladov. Gor'kii, 1960. 37 p.

[MICROFILM]

CHEMICAL COMPOSITION OF THE EARTH see Geochemistry

CHEMICAL ELEMENTS

Nesmeianov, An. N. [Vapor pressure of chemical elements] Davlenie para khimicheskikh elementov. Moskva, Izd-vo Akad. nauk SSSR, 1961. 395 p.

CHEMICAL ELEMENTS—SPECTRA

Raising determination sensitivity by means of discharge in a hollow cathode [with summary in English] IU I Korovin. Zhur anal khim 16 no 4 484-495 Jl-Ag '61

CHEMICAL ENGINEERING

A. M. Ginstling and A. A. Baram's book "Ultrasonics in chemical technology." Reviewed by M. E. Arkhangel'skii. Akust. zhur. 7 no. 2:270 '61.

Mechanization of technological computations and designs at the State Institute for Design and Planning of Synthetic Fuel and Gas Plants. Khim. rpom no 7 Jl '61

CHEMICAL ENGINEERING—ELECTRONIC EQUIPMENT

Usikov, S. V. [Contactless high-frequency methods of measuring the conductivity and dielectric permeability of solutions] Vysokochastotnye metody izmereniia provodimosti i dielektricheskoi pronitsaemosti rastvorov beskontaktnym sposobom. Leningrad, 1961, 23 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila' Pribory i elementy avtomatiki, no. 8)

CHEMICAL ENGINEERING—EQUIPMENT AND SUPPLIES

Automatic device for indicating water hardness. L. M Zhivilova and others. Elek sta 32 no. 1;50-44 Ap '61.

CHEMICAL GENETICS

"Biochemical individuality" [translated from the English] by R. Williams. Reviewed by V. A. Pronin. Agrobiologiia no. 4:633-635 Jl-Ag '61.

CHEMICAL INDUSTRIES

Chemistry serves the people. Sov. profsoiuzy 17 no. 15: 6-7 Ag '61

Development of the great chemical industry. Blok. agit. [Sov. Armii] no. 20-16-17 Jl '61.

Spectrum absorption methods of analysis in the chemical industry; survey. A I. Finkel'shtein. Zav. lab 27 no. 8;923-950 '61.

CHEMICAL INDUSTRIES—ELECTRIC EQUIPMENT

Distributing devices at chemical enterprises. S. M. Neishtut, IU. M. Smirnov. Elek. sta. 32 no. 4-44-49 Ap '61

CHEMICAL INDUSTRIES—MEDICAL CARE see subdivision under Stalinogorsk

CHEMICAL KINETICS see Chemical reaction, Rate of

CHEMICAL LABORATORIES see subdivision under Yaroslavl

CHEMICAL LABORATORIES—EQUIPMENT AND SUPPLIES

Equipping a chemical laboratory. IU. M. Grigor'ev. Khim. v shkole 16 no. 3-41-45 My-Je '60

CHEMICAL PLANTS

Wide-span pavilion-type building for the chemistry industry. M. E. Ostrovskii. Prom. stroi. 39 no 6:5-14 '61.

CHEMICAL PLANTS—CONGRESSES

Conference on the architectural engineering design and planning of chemical enterprises. Khim. prom. no 7: 516 Jl '61

CHEMICAL REACTION—CONDITIONS AND LAWS

Chemical exchange reactions in solid phases and contact between the reacting particles of solids. M. M Pavliuchenko, M. P. Gilevich. Dokl. AN SSSR 139 no. 3;648-650 Jl '61.

CHEMICAL REACTION -- CONDITIONS AND LAWS (Continued)

Problem of maximum yield of end products in a homogeneous gaseous reaction. V IU Urbakh. Zhur fiz khim. 35 no.6.1379-1380 Je '61.

Thermodynamics of single-type chemical reactions and single-type compounds V. A Kireev Zhur fiz khim 35 no 7 1493-1495 Jl '61

CHEMICAL REACTION, RATE OF

Applications of shock tubes for the study of chemical reactions A. A. Brioisov, S M Kogarko, A V Liubimov PMTF no. 3:173-183 S-O '60

Chain reaction kinetics of multicomponent systems Part 2 Two-component systems, effect of the composition of the system on the reaction kinetics [with summary in English] V F TSepalov Zhur fiz khim 35 no 7 1443-1452 Jl '61

Compensation effect in activation processes from the standpoint of statistical kinetics Report No 2 Possible physical causes bringing about the compensation effect in some systems and processes S Z Roginskii, IU L Khait Izv AN SSSR Otd khim nauk no 7 1198-1205 Jl '61

Effect of the solvent on ionic and ion-molecular reactions IU A. Ershov Dokl AN SSSR 139 no 4 922-924 Ag '61

CHEMICAL REACTIONS

Application of diffusion theory to bimolecular reactions V. V. Antonov-Romanovskii Fiz. tver. tela 3 no 6 1896-1897 Je '61

CHEMICAL SOCIETIES

Some results of the activity of the Local Organization of the D I Mendeleev All-Union Chemical Society at the State Institute of the Nitrogen Industry and the Products of Organic Synthesis IA I Kil'man Zhur VKHO 6 no 4 461-463 '61

CHEMICAL STRUCTURE

Centennial of A M Butlerov's theory of chemical structure B A Arbuzov Zhur VKHO 6 no 4 443-446 '61

CHEMICAL TESTS AND REAGENTS

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po khimii. [Chemical reagents, sulfonazo] Khimicheskie reaktivy, sul'fonazo. Moskva, [1959] 6 p.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po khimii. [Most important organic and inorganic reagents for the determination of cations, anions, functional groups, and individual compounds] Vazhneishie organicheskie i neorganicheskie reaktivy dlia opredeleniia kationov, anionov, funktsional'nykh grupp i otdel'nykh soedinenii. Moskva, Gos. izd-vo khim. lit-ry, 1959. 55 p. (Khimicheskie reaktivy)

CHEMICAL WARFARE

Chemical and incendiary weapons A Zheliabovskii, Starsh.-serzh no 4 32 Ap '61

CHEMICALS—PHYSIOLOGICAL EFFECT

Effect of lethal concentrations of chemical agents on the ciliary and contractile systems of Spirostomum ambiguum Ehrbg L. N Seravin Nauch dokl vys shkoly, biol nauki no 3:65-67 '61.

CHEMISORPTION

Electric conductivity of n-semiconductors in the chemisorption of molecules, atoms, and radicals [with summary in English] I A. Minashkin Zhur. fiz khim 34 no 2:395-404 F '60

CHEMISTRY

For great chemistry we need great literature. Sov. knizh. torg 11 no 6:26-28 Je '61.

Levchenko, V. V. [Chemistry, textbook for grades 8-10 of secondary schools] Khimiia, uchebnik dlia VIII-X klassov srednei shkoly. Pod red. S. A. Balezina Izd. 3. Moskva, Gos. uchebno-pedagog. izd-vo M-va *prosv. RSFSR, 1958.* 455 p.

Rozen, B. IA. [Chemistry of open and hidden fire] Khimiia lavnogo i tainogo ognia. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 221 p.

Shapovalenko, S. G., and others. [Chemistry; a textbook for grades 8 - 10 of secondary schools] Khimiia; uchebnik dlia VIII-X klassov srednei shkoly. Pod red. S. G. Shapovalenko. Izd. 4. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1958. 421 p.

CHEMISTRY—ABSTRACTS

[Chemistry.] Ref. zhur.: Khim. no.14 Jl '61.

[Chemistry.] Ref. zhur.: Khim. no.15 Ag '61.

CHEMISTRY—BIBLIOGRAPHY see Bibliography—Chemistry

CHEMISTRY—EXPERIMENTS

Obtaining divinyl by the S. V. Lebedev method. A. S Vorob'ev Khim v shkole 15 no. 3 58-60 My-Je '60

Obtaining furfural and glucose. N. Z. Bondarenko Khim. v shkole 15 no. 3.63 My-Je '60

Obtaining oxygen from hydrogen peroxide by using liquid catalyzers. I I. Balaev. Khim. v shkole 15 no. 3 60-62 My-Je '60.

Simple experiment in obtaining hydrogen sulfide and learning its properties P G Ugriumov Khim v shkole 15 no 3 62-64 My-Je '60

Valuable contribution to the literature on chemical experiments ("Chemical experiments in secondary schools" by K IA Parmenov Reviewed by A N I Firemov) Khim v shkole 15 no 3 79-82 My-Je '60

CHEMISTRY—JUVENILE LITERATURE

Chemistry around us B Rozen Semlia i shkola 16 no 5,44 My '61

Talks on chemistry ("Journey into the world of chemistry" by Z Spausus Reviewed by A A Sergeenkov) Khim v shkole 15 no 3 82-85 My-Je '60.

CHEMISTRY—LABORATORY MANUALS

Kuybyshev (Province) [Methods for the analysis of electrolytes and solutions of galvanic and chemical coatings, a manual for workers in industrial laboratories] Metody analiza elektrolitov i rastvorov gal'vanicheskikh i khimicheskikh pokrytii, spravochnoe posobie dlia rabotnikov zavodskikh laboratorii. Kuibyshev, TSentr. biuro tekhn. informatsii, 1960. 215 p.

Potrov, M. M. [Laboratory chemistry manual for students of special secondary schools not majoring in chemistry] Laboratornye raboty po khimii; dlia uchashchikhsia srednikh spetsial'nykh uchebnykh zavedenii nekhimicheskikh spetsial'nostei. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 53 p.

CHEMISTRY—PHILOSOPHY

How Lenin's criticism of subjective idealism helps to criticize the idealistic ideas of present-day chemistry. B V. Tronov Trudy TGU 149 185-191 '60

CHEMISTRY—STUDY AND TEACHING
(see also subdivision under Czechoslovakia, Kharkov)

Chemistry evenings on agricultural topics. A. M. Myrzabaev. Khim v shkole 15 no. 3 71-72 My-Je '60

Chemistry program for the eight-year school. Khim. v shkole 15 no 3 10-18 My-Je '60

Connection between a course on chemistry and instruction at a plant E. P Klesheheva, V. S Zhukovskaia. Khim. v shkole 15 no 3 29-35 My-Je '60

Dissertations on the methodology of teaching chemistry. S D. Beskov Khim. v shkole 15 no. 3:80-92 My-Je '60

Drizovskaia, T. M. [Using educational motion pictures in chemistry lessons] Ispol'zovanie uchebnykh kinofil'mov na urokakh khimii. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1958. 76 p. (Politekhnicheskoe obuchenie v shkole)

Editor's mail Khim. v shkole 15 no 3:73-78 My-Je '60

Khodakov, IU. V. [Development of logical thinking in chemistry lessons] Razvitie logicheskogo myshleniia na urokakh khimii. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1958. 46 p. (Pedagogicheskaia biblioteka uchitelia)

Let's find a creative solution to the problem of relating the teaching of chemistry, life, and the practical development of communism Khim. v shkole 15 no. 3 5-7 My-Je '60

Levashov, V. I. [Evening of entertaining chemistry in school] Vecher zanimatel'noi khimii v shkole. Pod red. IU. V. Khodakova. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1958. 52 p. (Pedagogicheskie chteniia)

New chemistry programs Khim v shkole 15 no 3:6-9 My-Je '60

Pioneer meetings devoted to chemistry. E. K Vasilomeeva. Khim v shkole 15 no 3:69-71 My-Je '60

Strengthening the contact between the teaching of chemistry and life S A Poplavs'kyi. Rad shk. 40 no 5 44-50 My '61.

Use of the industrial environment of the school in studying chemistry R. V Valentinovich Khim. v shkole 15 no 3.35-40 My-Je '60

CHEMISTRY, ANALYTICAL

Exchange of experience. Zav lab. 27 no 7 817-818 '61

"Les methodes de la chimie analytique Analyse quantitative minerale" by G. Charlot Reviewed by D I Kuznetsov Zhur. anal. khim. *16 no 4 511-512 Jl-Ag '61*

Pavlovich, N. A. [Manual of analytical chemistry for medical schools] Uchebnik analiticheskoi khimii; dlia meditsinskikh uchilishch. Izd. 3. ispr. i dop. [Leningrad] Gos. izd-vo med. lit-ry Medgiz, Leningr. otd-nie, 1961. 211 p.

Progress of analytical chemistry in 1960 (survey) A K Babko Zav. lab 27 no 7:771-784 '61

Stoliarov, K. P. [Luminescent methods of the detection and determination of inorganic ions; stenographic report] Metody liuminestsentnogo otkrytiia i opredeleniia neorganicheskikh ionov; stenogramma doklada. Leningrad, Leningr. Dom nauchno-tekhn. propagandy, 1961. *45 p.*

Use of nuclear reaction (α, n) for the determination of certain elements in solutions. I N Plaksin and others. Dokl AN SSSR 139 no 2:424-426 Jl '61.

CHEMISTRY, ANALYTICAL—CONGRESSES

Conference on the analysis of organic compounds. A. P. Kreshkov. Zav. lab. 27 no 8:1046 '61.

Fourth All-Union Conference on Physicochemical Analysis L K Simanova Zhur prikl khim 34 no 7 1617-1621 Jl '61

CHEMISTRY, MEDICAL AND PHARMACEUTICAL

Kolesnikov, A. L. [Technical analysis of raw material, semifinished materials, and the finished products of synthetic medicinal preparations] Tekhnicheskii analiz syr'ia, poluproduktov i gotovoi produktsii sinteticheskikh lekarstvennykh preparatov. Moskva, Medgiz, 1959. 478 p
(DNLM)

Perel'man, IA. M. [Analysis of medicinal forms; practical manual] Analiz lekarstvennykh form, prakticheskoe rukovodstvo. Izd. 3., perer. i dop. [Leningrad] Gos. izd-vo med. lit-ry Medgiz, Leningr. otd-nie, 1961. 615 p.
(DNLM)

"Practical manual on pharmaceutical chemistry," Edited by P. L. Senov. Reviewed by F. M. Shemiakin, A. N. Karpov. Apt. delo 10 no. 3 88-89 My-Je '61.

CHEMISTRY, METALLURGIC

Existence of interaction between particles in diluted liquid metal solutions. N. I Pokrovskii Izv. AN. SSR Otd tekh nauk Met i topl no 3 122-124 My-Je '61

CHEMISTRY, MINERALOGICAL see Mineralogical chemistry

CHEMISTRY, ORGANIC

Miklukhin, G. P. [Isotopes in organic chemistry] Izotopy v organicheskoi khimii. Obrabotka i dopolnenila I. P. Grigorova i A. F. Rekashevoi. Kiev, Izd-vo Akad. nauk USSR, 1961. 730 p.

CHEMISTRY, ORGANIC—CONGRESSES

Simpozium po gomoliticheskim reaktsiiam v zhidkoi faze. [Summaries of reports to the Symposium on Homolytic Reactions in the Liquid Phase] Tezisy dokladov. Gor'kii, 1960. 37 p
[MICROFILM]

CHEMISTRY, PHYSICAL AND THEORETICAL

Fourth All-Union Conference on Physicochemical Analysis. L. K. Simonova Zhur prikl khim 34 no 7 1617-1621 Jl '61

Kharin, S. E. [Physical chemistry] Fizicheskaia khimiia [Kiev] Izd-vo Kievskogo univ., 1961. 554 p.

"Physical nuclear chemistry" by U. Schindewolf Reviewed by L. V Astakhov Zhur. fiz khim 34 no 2 480-481 F '60

Tarasenko, M. I., and S. M. Ionin. [Some laws, principles, and rules of general chemistry; manual for students of the correspondence departments of pharmaceutical institutes and faculties] Nekotorye zakony, printsipy i pravila obshchei khimii, posobie dlia studentov zaochnykh otdelenii farmatsevticheskikh institutov i fakul'tetov. Moskva, Pervyi MOLMI im. I. M. Sechenova, 1960. 60 p.

CHEMISTRY, PHYSICAL AND THEORETICAL—CONGRESSES

Fourth Ukrainian Republic Conference on Physical Chemistry A S Afanas'ev Ukr khim zhur. 27 no 4:514-516 '61

CHEMISTRY, PHYSIOLOGICAL see Physiological chemistry

CHENTSOV, IVAN DMITRIEVICH, 1895-1937

Batorgin, M. P., and G. I. Chentsova. [Ivan Chentsov; study of a worker's revolutionary career] Ivan Chentsov, ocherk o boevom puti rabochego-revoliutsionera. [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1961. 136 p.

CHEREMISS AUTHORS see Authors, Cheremiss

CHEREMISS LITERATURE—HISTORY AND CRITICISM

Yoshkar-Ola, Mariiskii nauchno-issledovatel'skii institut iazyka, literatury i istorii. [Outline history of Cheremiss literature] Ocherki istorii mariiskoi literatury. Ioshkar-Ola,
Pt. 2. 1960. 410 p.

CHERENKOV RADIATION

Cherenkov radiation by magnetic and electric moments A. B. Kukanov Izv. vys. ucheb zav., fiz no 2 28-33 '61.

CHEREPOVETS—PIPE, STEEL

Prestressed pipe for a metallurgical plant. V. A. Korchagin Prom stroi. 39 no. 5 30-33 '61

CHEREPOVETS—ROLLING MILLS

Construction of rolling mills using separate production lines. D Mamleev. Na stroi. Ros. no. 6:10-13 Je '61

CHEREPOVETS—STEEL INDUSTRY

Steady run A. Starkov. Ogonek 39 no. 23:16-17 Je '61.

CHEREPOVETS DISTRICT—PASTURES AND MEADOWS

Comparative characteristics of Cherepovets District meadows in areas served by the Abakanovsk and Cherepovets Machine-Tractor Station. T N. Gordeeva Uch. zap. Ped. inst. Gerts. 178 83-86 '59

Meadows of Cherepovets District in the area served by the Cherepovets Machine-Tractor Station. T N Gordeeva. Uch. zap Ped inst Gerts 178 69-80 '59

CHERKASSY—EDUCATIONAL RESEARCH

In the Ministry of Education of the Ukrainian S S R Rad shk 40 no 3 91-95 S '61

CHERKASSY PROVINCE—FLOUR MILLS

Pneumatic transportation of grain and flour mills of Cherkassy Province V Lyuk Muk -elev prom. 27 no 1 25 Ap '61

CHERNIGOV—CATHEDRALS

Asseev, IU. S. [The Spasskiy Sobor in Chernigov; a monument of 11th century architecture] Spas'kyi sobor u Chernihovi, pam'iatnyk arkhitektury XI st. Kyiv, Derzh. vyd-vo lit-ry z budivnytstva i arkhit. URSR, 1959. 10 p. illus., (Derzhavnyi komitet Rady Ministriv URSR v spravakh budivnytstva. Pam'iatnyky arkhitektury Ukrains'koi RSR)
(MH)

CHERNIGOV PROVINCE—ADMINISTRATIVE AND POLITICAL DIVISIONS

Chernigov (Province). Rada deputativ trudiashchikh. [Administrative and territorial divisions of Chernigov Province, as of December 1, 1959] Administratyvno-terytorial'nyi podil Chernihivs'koi oblasti, na 1 hrudnia 1959 roku. Chernihiv, Chernihivs'ke obl. vyd-vo, 1959. 73 p.
(MH)

CHERNIGOV PROVINCE—CONSTRUCTION INDUSTRY

We will fulfill our yearly plan before the 22d Congress of the CPSU S Kaplunov Stil' bud 11 no 6-8-9 Je '61

CHERNOZEM SOILS see subdivision under Azerbaijan

CHERNOVTSY—RADIO JOURNALISM

We issue a newspaper on the radio. A. Lilov Zhil.-kom. khoz. 11 no 6-31 Je '61

CHERNOVTSY—SUGAR INDUSTRY

Some results of transferring the Chernovtsy Sugar Combine and the new wage system Dobotenko. Sakh prom. 35 no 7 56-57 Jl '61

CHERNOZEM SOILS

Changes in the physicochemical properties of Solonetz and terrace Chernozem soils in permanently submerged rice fields of Rostov Province. Sbor. trud IUzhNIIGiM no. 6:227-241 '58.

CHERNYSHEVSKII, NIKOLAI GAVRILOVICH, 1828-1889

Unpublished materials on N G Chernyshevskii [with summary in English] V A Seleznev. Vest. LGU 16 no 14 166 '61.

CHERNYYE ZEMLI—WATER SUPPLY, RURAL

Underground waters as a source of water supply in the Chernyye Zemli IU G Dremenko Sbor. trud IUzhNIIGiM no. 6:276-279 '58.

CHERRY see subdivision under Siberia, Western

CHERSKIY RANGE—BIRDS

Results of ornithological research in the Cherskiy Range, K. A. Vorob'ev. Ornitologiia no. 2:115-121 '59.

CHERSONESE (CITY)—HISTORY

Sinanmamoni and nomophylaces of the Tauridian Chersonese R. A. Novikova Vest. drev. ist. no 2:102-108 '61.

CHERVONOARMEYSKOYE DISTRICT—EDUCATION, PRESCHOOL

Taking care of collective farmers' children. M. Godzi, L. Magomaeva. Doshk. vykh 22 no 8 34-35 Ag '61

CHESS

How Vladimir Il'ich played chess. P.N.Lepeshinskii. Voen.vest. 40 no.4 127 Ap '61.

Neishtadt, IA. I. [Chess before Steinitz] Shakhmaty do Shteinitsa, Moskva, Gos. izd-vo "Fizkul'tura i sport," 1961. 278 p.

Will machines take the place of chess players? IU.Telesin. Otv.na vop.trud. no.4:56-64 '61.

CHESS—MIDDLE GAMES

Chess. Smena 38 no.11-31 Je '61.

CHESS—TOURNAMENTS

(see also subdivision under Mongolia, Uzbekistan)

Fourteen thousand neophytes take part in tournaments. Smena 38 no.15:32 Ag '61.

Polevoi, N. [The All-Union Chess Tournament of Collective Farmers held in 1950] Vsesoiuznyi shakhmatnyi turnir kolkhoznikov 1950 g. Moskva, "Fizkul'tura i sport," 1951. 134 p.
(NN)

Youth and experience. Sov. shakht. 10 no. 3 47 Mr '61.

CHEST—SURGERY

New developments in chest surgery V. M. Sergeev, A. D. Levant. Vest AMN SSSR 16 no. 3 71-77 '61

CHESTNUT

Some characteristics of the ontogenesis of wood in the roots and trunk of sweet chestnut [with summary in English] L. A. Lebedenko. Biul. MOIP. Otd biol. 66 no.4 66-71 Jl-Ag '61.

CHICORY

Chicory as an auxiliary substance for pills. Z. G. Gurvich. Apt. delo 10 no. 3:62 My-Je '61.

CHIKHACHEV, PETR ALEKSANDROVICH, 1808-1890

P. A Chikhachev's studies on the population and natural conditions of North Africa. V. V 'Sybul'skii Uch. zap Ist nar Azii 22,87-100 '60

CHILD DISCIPLINE see Discipline of children

CHILD PSYCHIATRY

Importance of V. A Gilarovskii in the development of child psychiatry T P Simson Zhur nevr i psikh 61 no 5 786-787 '61

CHILD STUDY

Development of the cognitive activity of children in the teaching process A A. Liublinskaia Nach. shkola 20 no 6 67-73 Je '61

Study and character report of a student. I V. Malorov. Sov pedag 25 no 6:85-89 Je '61

Why children disobey sometimes? A. N Znamenskaia Doshk vosp 34 no. 7,63-67 Jl '61

CHILDREN

(see also subdivision under Uzbekistan)

Electroencephalographic analysis of the effect of a filgoric agent on children G N Speranskii, IU M Pratusevich Dokl. AN SSSR 139 no. 3;759-762 Jl '61.

Oxyhemoglobinometry, blood circulation rate and pulmonary ventilation in school children at the age of 10-12 years during muscular work. G. F Ksenevich Shor. stud. nauch rab Nauch. stud ob-va [Ar. gos. ped ist. no. 3,104-110 '59

CHILDREN—CARE AND HYGIENE

Children are our love. Zdorov'e 7 no 6:1-2 Je '61.

Hardening. E. D Zabludovskaia Doshk. vosp. 34 no. 7:100-105 Jl '61

Protect children from infectious skin diseases! G. L Fabrikant. Doshk. vosp 34 no 7:106-109 Jl '61

Scientific conference on hygiene for children and teenagers. A. N. Lapshina. Biol. v shkole no 4:91-92 Jl-Ag '61.

CHILDREN—DISEASES

Influence of chronic diseases on the level of physical development in children and health-promoting measures in school. F M Turovskaia, A. A Minkh Vest. AMN SSSR 16 no 7 50-55 '61.

Parental Remember this! E. N. Khokhol. Zdorov'e 7 no 6-11 Je '61.

CHILDREN—EMPLOYMENT

The state of working youth in capitalist countries. I. Kiselev. Mir. ekon. i mezhdunar. otn. no. 7:119-123 Jl '61.

CHILDREN—GROWTH

Influence of chronic diseases on the level of physical development in children and health-promoting measures in school F. M Turovskaia, A. A. Minkh. Vest AMN SSSR 16 no 7 50-55 '61

CHILDREN—MANAGEMENT

About trifles. T. Khodrat'eva. Sem'ia i shkola 16 no. 5:28 My '61.

Call of the heart. IA. Serebriannikov. Zhil.-kom. khoz. 11 no. 7,29-30 Jl '61.

Development of organizational abilities through work. V. Nikolaev. Shkola-int. no. 3:29-32 My-Je '61.

Every student needs attention. S. Korneeva. Nar. obr. no. 8-8-9 Ag '61.

Individual approach to children D. Smol'nikova. Shkola-int. no. 2-52-55 Mr-Ap '61

Individuality of the child. E. E. Lootsar. Doshk. vosp. 34 no. 7:10-23 Jl '61.

Leaders, initiators organizers. S. Rat'kova Shkola-int. no. 3 39-45 My-Je '61.

Little patrons. A. Diakonova. Shkola-int. no. 3:52-53 My-Je '61.

Stages in the development of a children's group. E. Lialina. Shkola-int no. 3 46-49 My-Je '61.

Training in independent work and initiative. E. Maksimova. Shkola-int. no 2 46-51 Mr-Ap '61.

We teach them to be diligent. T. V. Mukhina. Doshk. vosp. 34 no. 7:39-42 Jl '61

Zachepitskii, R. A., and E. K. IAkovleva. [Role of improper upbringing in the genesis of neuroses] Rol' nepravil'nogo vospitaniia v proiskhozhdenii nevrozov. [Leningrad] Gos. izd-vo med. lit-ry Medgiz, Leningr. otd-nie, 1960. 39 p. (Nauchno-populiarnaia med. lit-ry)
(DNLM)

CHILDREN—NUTRITION

(see also subdivision under Ukraine)

Good rule N. I Sominskaia Doshk vosp. 34 no 6 56-61 Je '61

Vitamins in children's food D. D Zabludovskaia. Doshk vosp 34 no 6 92-98 Je '61

CHILDREN—RECREATION see Amusements

CHILDREN—SURGERY

Objectives and prospects in the development of neurosurgery in children. A. A Arendt. Vest. AMN SSSR 16 no. 3 56-61 '61

CHILDREN AS ACTORS see subdivision under Moscow

CHILDREN AS ARTISTS see subdivision under Italy

CHILDREN'S CLOTHING

Children's clothing E Filippov Sem'ia i shkola 16 no 5,17-18 My '61

CHILDREN'S CLUBS

(see also subdivision under Bologoye)

International School Club Inostr. iaz. v shkole no 2 91 Mr-Ap '61

Let's develop student creativeness in the process of club work. O. Kel', V. Tershin. Nar. obr. no. 8 45-48 Ag '61.

CHILDREN'S ENCYCLOPEDIAS AND DICTIONARIES

"Children's encyclopedia," vol. 4. Reviewed by V. L. Borisov, D. P. Shirokikh, P. A Verchenko Biol. v shkole no. 3-91-93 My-Je '61.

Is "Whyslt" needed? ("What I saw" by B. S. Zhitkov. Reviewed by M. A Krasnopevtseva) Doshk vosp 34 no 7-115-117 Jl '61

CHILDREN'S LIBRARIES see Libraries, Children's

CHILDREN'S LITERATURE

Books for extracurricular reading. S. P. Burmistrova. Nach. shkola 20 no. 6 84-88 Ag '61.

V. G Belinskii on the significance of children's literature in training and education I K. Golubeva Sov. pedag 25 no. 6 44-52 Je '61

CHILDREN'S LITERATURE—BIBLIOGRAPHY see Bibliography—Children's literature

CHILDREN'S MUSEUMS

With the help of artists V Selivanstov Shkola-int no 2 67-68 Mr-Ap '61

CHILDREN'S PLAYS

(see also subdivision under Kalinin, Moscow)

Our mutual friend. Sergei Mikhalkov Teatr 22 no 7, 62-65 Jl '61

CHIMPANZEES

Nervous mechanisms of complex behavior in anthropoid apes (Chimpanzees) A I Schastnyi. Dokl AN SSSR 139 no. 3,763-766 Jl '61

CHINA—AUTOMOBILE INDUSTRY

One factory works for three. Wang Shao-lin Nauka i zhyttia 11 no 5 37-39 My '61.

CHINA—CANCER

From the pages of a Chinese surgical periodical (1953-1958). N. I Nagnibeda Vop onk. 5 no. 11 614-626 '59

CHINA—COMMUNIST PARTY

The heroic party of a great nation A. Matsko Belarus' 18 no 7-20 Jl '61

CHINA—EXERCISE THERAPY

Krasnosel'skii, G. I. [Chinese health gymnastics for elderly persons] Kitaiskaia gigienicheskaia gimnastika dlia lits pozhilogo vozrasta. Izd. 2., ispr. i dop. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 28 p.
(DNLM)

CHINA—FINANCE

Organization of the working capital of state enterprises in the Chinese People's Republic. N. Obolenskii. Den i kred 19 no 7 43-52 Jl '61.

CHINA—FISHING—IMPLEMENTS AND APPLIANCES

Fishing gear and technique in inland waters of the Chinese People's Republic. L. I Denisov. Ryb khoz. 37 no 6: 77-83 '61.

CHINA—FOREIGN ECONOMIC RELATIONS

Rebirth of the Great Silk Route. Chang I-tung. Az i Afr. segodnia no. 7 7 Jl '61.

CHINA—FOREIGN ECONOMIC RELATIONS—RUSSIA

New Sino-Soviet agreements on cooperation. Vnesh torg 41 no. 7:10 '61.

CHINA—GEOLOGY, STRUCTURAL

Tectonics of northeastern China. V. A. Kudriavtsev. Biul. MOIP. Otd. geol. 36 no. 2:124-126 Mr-Ap '61.

CHINA—HISTORY

History of the "united front" in China [with summary in English, pp. 218-219] V I Glunin. Vop ist no 7 54-69 Jl '61.

CHINA—LAND TENURE

Deliusin, L. P. [Land should belong to the one who tills it] Zemlia tomu, kto ee obrabatyvaet Moskva, Izd-vo vostochnoi lit-ry, 1961. 117 p.

CHINA—LAW

Selezney, N. A. [Universal history of the state and law of foreign countries; the state and law of China, from 1864 to 1918, the state and law of Japan, from 1864 to 1918] Vseobshchaia istoriia gosudarstva i prava zarubezhnykh stran; gosudarstvo i pravo Kitaia 1864-1918 gg., gosudarstvo i pravo Iaponii 1864-1918 gg. Uchebnoe posobie dlia studentov. Moskva, Mosk.gos.univ., 1960. 77 p.

CHINA—POLITICS AND GOVERNMENT

Glorious 10th anniversary T. Rakhimov Az i Afr seg no 7 5-6 Jl '61

CHINA—RAILROADS

New progress of the railroads of the Chinese People's Republic Ch'en-T'an. Zhel dor transp 43 no 7 90-93 Jl '61.

CHINA—RELATIONS (GENERAL) WITH RUSSIA

Friendship as indestructible as the Pamirs D Aristarkhova. Shkola-int. no 3 50-51 My-Je '61

Friendship is not afraid of distances. Smena 38 no.14 16-17 Jl '61.

CHINA—SOCIETY, PRIMITIVE

Family and state in the Yin China. M. V Krukov Vest drev. ist no 2:3-22 '61.

CHINA—SOCIOLOGY

The struggle against bourgeois sociology in China in 1957 M I Ananieva, L S Kiuzadzhian Vest ist mir kul't no 3 115-126 My-Je '61

CHINCHILLAS

Unusual passengers P IArovitskii. IUn nat no 6 36 Je '61.

CHINESE LANGUAGE—WRITING

Evolution of the ancient Chinese term "I " L S. Vasil'ev Vest. drev. ist. no. 2 83-96 '61

CHINESE TALES see Tales, Chinese

CHIRCHIK—SOCIALIST COMPETITION

Expedition of the historical museum to Chirchik IU Glass, B Dzhabbarov. Obshchestv. nauki v Uz no 5 67 '61

CHIRCHIK VALLEY—CORN (MAIZE)

Beacon in the flood lands of the Chirchik River. M. Zakharov Uzbekiston 20 no 6 16-17 Je '61

CHIRKA-KEM' VALLEY—ROCKS, CARBONATE

Upper Karelian carbonate rocks in the area of the Chirka-Kem' River IU I Satsuk. Trudy Kar. fil AN SSSR no 26 46-57 '61.

CHIRONOMIDAE

Specific identification of larvae of Cricotopus Gr. silvestris Fabr (Diptera, Chironomidae) O N. Zezina Nauch dokl vys shkoly, biol nauki no 3,30-34 '61.

CHISHKO, OLES', 1895-

Gusin, I. L. [Oles' Semenovich Chishko; an account of his life and works] Oles' Semenovich Chishko; ocherk zhizni i tvorchestva. Leningrad, Sovetskii kompozitor, 1960 98 p.

, 1898-1959
shelasskii and others.
p '60.

CHITA—RAIN AND RAINFALL

Some data on the intensity of showers of short duration in the city of Chita. I M Osokin. Izv. Vses. geog ob-va 93 no 4,336-337 Jl-Ag '61.

CHITA—REVOLUTION OF 1905

Guro, I. R. [Anton Kostiushko's heroic life] Podvig Antona Kostiushko. Moskva, Gos. izd-vo polit. lit-ry, 1961. 77 p.

CHITA PROVINCE—ECONOMIC POLICY

Tarasov, G. L. [The seven-year plan in Chita Province] Semiletka Chetinskoi oblasti. [Chita] Chitinskoe knizhnoe izd-vo, 1959. 86 p. (Besedy o semiletnem plane)

[MICROFILM]

CHITA PROVINCE—FLOUR MILLS

Flour mills in remote regions and ways for lowering the cost of grain and flour transportation. A. Usachev. Muk.-elev prom. 27 no. 4:29 Ap '61.

CHITA PROVINCE—INDUSTRIES

Kulikov, B. S. [New construction projects of Chita Province] Novostroiki Chitinskoi oblasti. [Chita] Chitinskoe knizhnoe izd-vo, 1960. 73 p.

CHIYLA'-DARY VALLEY—BIRDS—EGGS AND NESTS

Effect of the mulberry cultivation method on the composition of the nesting bird fauna. R. N. Meklenburtsev. Ornitologiia no. 2 28-31 '59.

CHKALOV see Orenburg

CHKALOV PROVINCE see Orenburg Province

CHLORIDES

Polarization of a liquid bismuth cathode in chloride melts. I F Nichkov, S P Raspopin, IU V Bazhkov. Zhur prikl khim 34 no. 7 1533-1536 Jl '61

CHLORINE

(see also subdivision under Elbrus region)

Effect of electrolysis conditions on the stability of graphite anodes in a chlorine bath. L I Krishtalik, G. L. Melikova, E. G. Kalinina Zhur. prikl khim 34 no 7 1537-1542 Jl '61

Effect of electrolysis conditions on the stability of graphite anodes in a chlorine bath. L I. Krishtalik, G. L. Melikova, E. G. Kalinina Zhur prikl khim. 34 no 7 1543-1547 Jl '61

Kinetics of chlorine exchange in isomeric β-chlorocrotonic acids. Part 3: Exchange of chlorine for alkoxy groups [with summary in English]. T. A Kudriavtseva, N. M. Chirkov. Zhur. fiz. khim. 34 no 2 375-379 F '60.

CHLORINE—ANALYSIS

Rapid method for determining free chlorine in epoxide resins L S Kalinina, M. V. Barulina. Plast massy no 8:62-63 '61.

Simultaneous determination of fluorine, silicon, and chlorine in fluorine and chlorine-containing organosilicon compounds [with summary in English] E. A. Bondarevskaia, V M Kuznetsova, S. V Siavtsillo Zhur anal khim 16 no 4 472-476 Jl-Ag '61

CHLORINE ORGANIC COMPOUNDS

Production of chlorine organic solvents in capitalist countries. N P. Fedorenko, N. S Kosheleva Khim prom. no. 7 510-514 Jl '61

CHLORITES see subdivision under Siberia, Eastern

CHLOROMYCETIN

Dehydrogenase and cytochrome oxidase activity of levomycetin-resistant and sensitive typhoid bacteria [with summary in English]. G. M. Shub. Antibiotiki 6 no. 5:437-441 My '61.

CHLOROPHOSE

Simultaneous action of DDT and chlorophose. N. A. Tamarina. Vest. Mosk. un. Ser. 6 Biol., pochv. 16 no. 1 34-37 Jl-Ag '61.

CHLOROPHYLL

Changes in the relation between the esterified and free parts of the chlorophyll molecule during its formation. T. N Godnev, N K Akulovich Biul. inst. biol. AN BSSR no 5:127-130 '60.

Changes in the spectral properties of green pigments in the internal integuments of pumpkin seeds during ripening. T. N Godnev, N K Akulovich. Biul. inst. biol. AN BSSR no. 5:118-126 '60.

Chlorophyll renewal in the absence of growth A. A. Shlyk, V. I. Gaponenko T. V. Kukhtenko. Biul. inst biol. AN BSSR no 5 131-137 '60

Chlorophyll synthesis in darkness in angiosperms with partially shaded green leaves T. N Godnev, R M. Rotfarb. Biul. inst. biol AN BSSR no. 5 109-112 '60.

Effect of brief ultraviolet light pulses on protochlorophyll formation in etiolated barley seedlings. T. N. Godnev, N. K. Akulovich Biul. inst. biol. AN BSSR no. 5:116-117 '60.

Fluorescence spectra of photoreduced forms of chlorophyll, its derivatives and analogues [with summary in English]. IU E. Erokhin, A. A. Krasnovskii. Biofizika 6 no 4 392-402 '61.

Isotope-kinetic analysis of the possibility of successive biosynthesis of chlorophylls a and b. A A. Shlyk, L. I Fradkin Biofizika 6 no 4:424-435 '61.

Nature of protochlorophyll of pumpkin seeds and its relationships with the pigments of green leaves. A. A. Shlyk, V. L Kaler, G. M. Podchufarova. Biul. inst. biol. AN BSSR no. 5:141-148 '60.

Relation between the specific activity of chlorophyll a and b during the initial stages of renewal A. A. Shlyk and others. Biul inst. biol. AN BSSR no. 5:138-140 '60.

State of chlorophyll in leaves as related to the geographical origin of plants. S. A. Chernomorskii, V. A. Mukhina Bot. zhur. 46 no. 5:683-685 My '61.

Total synthesis of chlorophyll. R. B. Woodward. Zhur. VKHO 6 no. 4:451-457 '61.

CHLOROPRENE

Organic oxides. Part 21: Addition of phenols to bivinyl, chloroprene, and isoprene oxides. V. M. Al'bitskaia, A. A Petrov, E. M. Bliakhman. Zhur. ob. khim. 31 no 7,2166-2171 Jl '61.

CHLOROSIS (PLANTS)

Conditions for the recovery of Abutilon from infectious chlorosis. Report No 2: Recovery under the effect of defoliation [with summary in English] N. A Terekhova Vop virus. 6 no. 5:614-619 S-O '60

CHLORPROMAZINE

Clinical peculiarities of remission in patients with a circular form of schizophrenia treated with aminazine Report No. 1 [with summary in French]. M S Zeleva. Zhur nevr i psikh. 61 no. 4 581-588 '61

Influence of aminazine therapy on the dynamics of the depressive-paranoid form of schizophrenia [with summary in French] T N Morozova Zhur. nevr i psikh 61 no 4 589-593 '61

CHOCOLATE-TREE see Cacao

CHOLESTEROL

Amount of highly unsaturated fatty acids in the blood of patients with coronary atherosclerosis and in experimental hypercholesterinemia. I. N. Komarova. Vest. AMN SSSR 16 no. 3 27-32 '61.

Cholesterol fluctuations in the blood of pregnant cows [in Armenian with summary in Russian] A M Manvelian, A. B. Akunts. Izv Upr. sel'khoz nauki Arm SSR 4 no 2 91-96 '61

Effect of various anti-atherosclerotic diets on the elimination of cholesterol in patients with coronary atherosclerosis [with summary in English] O. S Korobkina, IU. M. Nemenova, E. G. Paramonova. Vop. pit. 19 no 2 23-30 Mr-Ap '60.

Method for determining phospholipids and cholesterol in the blood. D. V. Staroselskii. Lab. delo 7 no. 6:12-13 Je '61.

CHOLINE

Effect of acetylcholine on the renewal in vitro of phospholipids of the rat liver exposed to gamma radiation N. N. Demin, A. S Kainova Radiobiologiia 1 no 2:182-186 '61

Studying the "quantum" nature of miniature potentials in the end plate of the myoneural junction of a frog [with summary in English]. I. M Glagoleva, E A. Liberman. Biofizika 6 no. 4 459-463 '61.

CHOLINE—PHYSIOLOGICAL EFFECT

Influence of methionine and choline on the amount of phospholipids in the intestinal juice of dogs kept on a diet poor in lipoprotein substances [with summary in English] U Z. Kadyrov Vop pit 20 no. 1 15-18 Jl-Ag '61.

CHOLINESTERASE

Effect of some anticholinesterase preparations on the conduction of excitation in the frog nerve F F. Prokhorkova Biofizika 6 no. 4:464-471 '61.

Method for determining cholinesterase in the blood. E. Sh. Matlina, V. M. Pakhorzhan. Lab. delo 7 no. 6 10-12 Je '61.

CHONDRIOSOMES see Mitochondria

CHORAL SINGING

Rudneva, A. V. [Working with the Russian folk chorus; a guide for directors of amateur folk choruses] Russkii narodnyi khor i rabota s nim; v pomoshch' rukovoditeliam narodnykh khorov khudozhestvennoi samodeiatel'nosti. Moskva, Gos. muzykal'noe izd-vo, 1960. 84 p.

CHORAL SINGING—STUDY AND TEACHING

The 25th anniversary of a children's chorus. E. Gembitskaia. Sem'ia i shkola 16 no. 5, 36 My '61.

CHORAL SOCIETIES

Amateur student chorus. Inostr. iaz. v shkole no. 2:93-94 Mr-Ap '61.

CHORBA, NIKOLAI GRIGOR'EVICH, 1903-1961

N. G. Chorba; obituary. Khleb. i kond. prom. 5 no. 7: 48 Jl '61.

CHOREA

Certain characteristics of mental disorders in Huntington's chorea [with summary in French]. E. IA. Shternberg. Zhur. nevr. i psikh. 61 no. 3:400-411 '61.

CHRISTENING see Baptism

CHRISTIAN UNION

An archbishop's trips. Voiov ateist no. 1:62 Ja '61

CHRISTIANITY

"Origin of Christianity" by IA. A. Lentsman. Reviewed by A. I. Kryvelev. Vest. drev. ist. no. 2:115-120 '61

CHRISTIANITY—CONTROVERSIAL LITERATURE

John, the Forerunner, as an antagonist of Christ. IU. Skrypchenko. Voiov. ateist no. 1:40-43 Ja '61

CHRISTIANITY AND POLITICS

What is clericalism? Komm. Vooruzh. Sil 1 no. 16:61-65 Ag '61.

CHROMATIUM VINOSUM

Participation of propionic acid in the constructive metabolism of Chromatium vinosum [with summary in English]. V. N. Shaposhnikov, L. K. Osnikaia, V. I. Chudina. Mikrobiologiia 29 no. 2:164-169 Mr-Ap '60

CHROMATOGRAPHIC ANALYSIS

Analysis of mixtures of furan homologs and tetrahydrofuran by gas-liquid chromatography N I Shuikin, V V An, V. L. Lebedev. Zav lab 27 no 8:976-977 '61

Chromatographic examination of the substance of ink strokes Sov. krim na sluzh bled no 13,125-133 '59

Chromatographic method for determining the tin content of canned meat. E Ol'shanova, N Morozova, G. Muromtseva. Miss ind SSSR 32 no 2 17-18 '61

Chromatography of cottonseed oil in a column with magnesium oxide. A. L. Markman, A U Umarov Maslozhir prom 27 no 7,14-16 Jl '61

New model of a chromatographic collector [with summary in English]. V. T. Avgul', V S Batrukov, I. V Chmutov. Zhur. fiz. khim. 34 no 2,460-461 F '60

Thin-layer chromatography of cerebrosides N. K. Kochetkov, I G Zhukova, I S Glukhoded Dokl AN SSSR no 3 608-611 Jl '61

Use of chromatographic analysis in ethylbenzene production control S I. Krichmar Khim. prom no 7, 465-467 Jl '61

CHROMIUM

Photoelectron emission from gold and chromium G A Katrich and O G Sarbei Fiz tver tela 3 no 6 1629-1637 Je '61.

Using the ion-exchange method for studying the complexes in diated solutions of chromium chloride. B A Riazanov. Izv. vys. ucheb zav ; tekh leg prom. no 3; 77-80 '61.

CHROMIUM—ANALYSIS

Magnetic method of determining chromium in ferrochromium. A. K. Tumanov Zav lab 27 no 8;988-990 '61.

CHROMIUM ALLOYS

Hryhorieva, V. V., and V. M. Klymenko. [Chromium carbide base alloys] Splavy na osnovi karbidu khromu. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 54 p.

CHROMIUM-COBALT ALLOYS

Study of transformations in the solid state in the system chromium - cobalt in the region rich in cobalt. A. T. Grigor'ev, E. IUi-pu, E. M. Sokolovskaia, Zhur. khim. neorg. khim. 6 no. 7:1616-1621 Jl '61.

CHROMIUM-IRON ALLOYS see Iron-chromium alloys

CHROMIUM OXIDES

Polymerization of the propane-propylene fraction in the presence of an aluminosilicate catalyst with chromium oxide added. G M. Panchenkov, Ch. S. Kariyev, Sia TSze-chzhi [Hsia Tsê-chih]. Izv AN Turk SSR Ser. fiz -tekh., khim. i geol. nauk no. 3 97-104 '61

CHROMIUM OXIDES—MAGNETIC PROPERTIES

Magnetoelectric effect in chromium oxide [with summary in English]. D. N. Astrov. Zhur eksp i teor. fiz. 40 no. 4:1034-1041 Ap '61.

CHROMIUM TELLURIDE—ELECTRIC PROPERTIES

Effect of pressure on the electrical resistance and galvanomagnetic effect in chromium telluride [with summary in English]. N. P. Grazhdankina and others. Zhur. eksp. i teor. fiz. 40 no. 2,433-440 F '61.

CHROMOSOMES

Effect of low temperatures on chromosomal morphology of potato species. N. A Lebedeva Dokl AN SSSR 139 no 2:463-466 Jl '61

Method for a rapid chromosome count. N. E. Zaikovskaia, M. P. Petrushina. Agrobiologiia no. 4:630-632 Jl-Ag '61.

Nature of the forces of chromosomal interaction [with summary in English]. P. S. Zyrianov Biofizika 6 no 4 495-498 '61.

CHRONOMETER

Expeditionary quartz chronometer manufactured at the Gravimetric Laboratory of the Central Scientific Research Institute of Geodesy, Aerial Photography, and Cartography. L. A. Gerenburg, IU. A. Silvin, M E. Kheifets. Trudy TSNIIGAIK no. 139:121-134 '60

CHRYSOBERYL

Synthesis of chrysoberyl and a study of its characteristics as a refractory materials. A. D. Fedoseev. Ogneupory 26 no. 6:285-291 '61.

CHU VALLEY—BIRDS—HABITS AND BEHAVIOR

Materials on seasonal phenomena in the life of birds of the Chu Valley and the Issyk-Kul' Depression. A. I. IAnushevich, I D. IAkovleva, T. F. Fedianina. Trudy Inst zool. AN Kazakh. SSR 15:161-169 '61.

CHU VALLEY—GAS, NATURAL

Tectonics, and gas and oil potentials of the southwestern Chu - Sary-Su Depression. N. IA. Kunin. Izv. AN Kazakh. SSR Ser. geol. no. 2:3-17 '61.

CHU VALLEY—PETROLEUM GEOLOGY

Tectonics, and gas and oil potentials of the southwestern Chu - Sary-Su Depression. N. IA. Kunin. Izv. AN Kazakh. SSR. Ser. geol. no. 2:3-17 '61.

CHU-ILI MOUNTAINS—GEOLOGY, STRATIGRAPHIC

Stratigraphy of the Akzhal series in the Chu-Ili Mountains. A. A. Nedovizin. Izv. AN Kazakh. SSR. Ser. geol. no. 2 26-34 '61.

CHUCKS

A. V. Antropov's drill chuck. A. Vladimirovich. Mashinostroitel' no 7 28-29 '61

Multipurpose draw-in chuck. A N. Rashevskii Mashinostroitel' no 8 37 Ag '61

CHUKCHI PENINSULA—BIRDS

Ornithological observations in the western part of the Chukchi Peninsula. V. D. Lebedev, V. R. Filin. Ornitologiia no. 2:122-129 '59.

CHUKCHI PENINSULA—RADIO OPERATORS

At the world's end. O. Petrov. Blok. agit. [Sov. Armii] no. 20:36-37 Jl '61.

CHUKCHI PENINSULA—SANDPIPERS

Semipalmated sandpiper in the eastern part of the Chukchi Peninsula. A. P. Kuzlakin. Ornitologiia no. 2: 130-134 '59.

CHULYM VALLEY—GEOLOGY, STRATIGRAPHIC

Continental Senonian sediments in the Chulym-Yenisey interfluve of the West Siberian Plain K V Bogolepov Trudy SNIIGGIMS no 9 24-32 '60

Delineation of the Pirovo series in the Chulym-Yenisey interfluve of the West Siberian Plain A. A. Bulynnikova Trudy SNIIGGIMS no. 9 33-36 '60

CHURCH AND EDUCATION see subdivision under France

CHUVASH LANGUAGE—GRAMMAR, COMPARATIVE—RUSSIAN

Reziukov, N. A. [Comparative grammar of the Russian and Chuvash languages] Sopostavitel'naia grammatika russkogo i chuvashskogo iazykov. Cheboksary, Gos. izd-vo Chuvashskoi ASSR, 1959. 327 p. (MH)

CHUVASH LANGUAGE—STUDY AND TEACHING

Baiderlakov, G. G., A. A. Emel'ianova, and P. P. Petrov. [Method of teaching the Chuvash language in elementary schools] Metodika prepodavaniia chuvashskogo iazyka v nachal'noi shkole. [Shupashkar] Chuvashgiz, 1956. 382 p. [In Chuvash] (MH)

CHUVASHIA—CREATIVE ACTIVITIES AND SEAT WORK

Mental activity of fourth-grade students during work lessons. S. F. Trifonov Nach. shkola 20 no. 7:39-47 Jl '61.

CHUVASHIA—ECONOMIC CONDITIONS

The Chuvash A. S. S. R. during the rapid development of its national economy and the conclusion of the building of socialism, from 1953 to 1958. V. L. Kuz'min. Mat. po ist CHASSR no 4 129-176 '60.

Chuvashia during the consolidation and development of socialist society, from 1938 to June 1941. V L Kuz'min. Mat. po ist CHASSR no 4, 3-42 '60.

CHUVASHIA—ECONOMIC POLICY

The Chuvash A. S. S. R during the large-scale building of communist society. V. L Kuz'min. Mat. po ist CHASSR no. 4,177-193 '60

CHUVASHIA—EDUCATION

First school of the boarding-school type for the children of Chuvash peasants. G. Volkov. Shkola-int. no 2-78-83 Mr-Ap '61.

CHUVASHIA—INDUSTRIES

Ivanov-Miroslavtsev, P. I. [New branches of the Chuvashian industry] Novye otrosli promyshlennosti Chuvashii. Cheboksary, Chuvashkoe gos. izd-vo, 1960. 39 p.

CHUVASHIA—MUNICIPAL SERVICES

Great deeds are before us. A. Naperstkin. Zhil.-kom khoz. 11 no. 7 4 Jl '61.

CHUVASHIA—PLANT BREEDING—STUDY AND TEACHING

Tomatoes without watering. E. Molostvov. IUn. nat no. 6, 2-3 Je '61

CHUVASHIA—RECONSTRUCTION

The Chuvash A. S. S. R. during the postwar reconstruction and development of its national economy, from 1946 to 1952. A. P. Nikolaev. Mat. po ist. CHASSR no. 4:90-128 '60.

CHUVASHIA—RUSSIANS

Busygin, E. P., and N. V. Zorin. [Russian population of the Chuvash A. S. S. R.; material culture] Russkoe naselenie Chuvashskoi ASSR; material'naia kul'tura. Cheboksary, Chuvashskoe gos. izd-vo, 1960. 216 p.

CHUVASHIA—TEACHERS, TRAINING OF

Mass retraining of teaching personnel. P. K. Kuz'min. Nach. shkola 20 no. 7:94 Jl '61.

CHUVASHIA—THEATER

I IA IAkovlev on the theater G. Volkov Teatr 22 no 7 170 Jl '61

CHUVASHIA—WORLD WAR, 1939-1945—HISTORY

The Chuvash A S S R during the Great Patriotic War of the Soviet Union, from June 1941 to 1945 N M Muryshkin Mat po ist CHASSR no 1 43-89 '60

CHYMOTRYPSIN

Effect of curds, and sour and fresh milk on the secretion of chymotrypsin and sodium carbonate in pancreatic juice of dogs [with summary in English]. N. P Piatnitskii, M. N. Selikova Vop pit 19 no 2:45-48 Mr-Ap '60.

CICOGNANI, AMLETO GIOVANNI, 1883-

Amleto Giovanni Cicognani. Nov. vrem 19 no. 35;21 Ag '61

CIGARETTE HABIT

Bazhenov, I. P. [Health blows away on cigarette smoke] Vmesto s dymom papirosy ukhodit zdorov'e. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 27 p. (DNLM)

Letters to the editor. Zdorov'e 7 no. 6:32 Je '61.

CILIATA

Effect of lethal concentrations of chemical agents on the ciliary and contractile systems of Spirostomum ambiguum Ehrbg. L. N. Seravin Nauch doki vys shkoly. biol nauki no 3 65-67 '61

CIMMERIAN BOSPORUS (KINGDOM)—COMMERCE

From the history of Hellenistic economics; concerning trade competition between the Bosporus and Egypt in the third century B. C. M K Trofimova Vest drev ist. no. 2:46-60 '61

CINEMATOGRAPHY see Motion-picture photography

CIRCUITS, BRIDGE see Bridge circuits

CIRCUITS, ELECTRIC see Electric circuits

CIRCULATORY SYSTEM see Cardiovascular system

CIRSIUM see subdivision under Caucasus

CITIES AND TOWNS

(see also subdivision under India)

"Studies in the social and economic history of Russian northwestern cities in the middle of the 18th century" by IU. R. Klokman. Reviewed by A. P Pronshtein. Ist SSSR 5 no. 4 193-195 Jl-Ag '61.

CITIES AND TOWNS, ANCIENT

(see also subdivision under Black Sea region)

The ancient city, the second conference of historians of ancient times. N. I. Sokol'skii Vest. drev. ist. no. 2: 170-177 '61.

CITRIC ACID

Characteristics of the raw material supply of the new citric acid industry in Turkmenistan V. I. Kriventsov. Izv. AN Turk. SSR. Ser. fiz. -tekh. , khim. i geol. nauk no. 3:40-47 '61.

Conference on the coordination of research, experimental, and planning and design operations in the production of citric and malic acids from cotton leaves. A. P. Bazhanova. Izv AN Turk. SSR. Ser biol nauk no 2: 87-88 '61.

Using the ion-exchange resins for the purification of citric acid solutions. L. O Raminia, R. IA. Karklin', Khleb. i kond. prom. 5 no. 6:40-43 Je '61.

CITY PLANNING

(see also subdivision under Dnepropetrovsk; Kaluga; Kryukovo; Leningrad; Minsk, Moscow; Pyongyang, North Korea, Stalinsk; Sverdlovsk, Tashkent; United States, White Russia)

Decision of the sixth session of the Academy of Construction of Architecture of the U. S. S. R Izv. ASIA no. 1: 21-37 '61.

Development of Soviet urban construction and the goals of the Academy of Construction and Architecture of the U S. S. R. N. V. Baranov Izv. ASIA no. 1:3-20 '61.

Institute of Urban Construction and District Planning. E. B Sokolova. Izv ASIA no. 1:116-117 '61.

Organizing the residential areas of microdistricts. V. V. Kavaderov. Trudy Ural. politekh. inst. no. 109: 19-23 '61.

Sixth Session of the Academy of Construction and Architecture of the U. S. S. R. S. S. Dantlin. Izv. ASIA no. 1:102-106 '61.

Street and square in the modern city. O. Malyshenko. Strol. i arkhit. 9 no. 6:4-8 Je '61.

Using the configuration effect in organizing populated areas. R. P. Balinskii. Trudy Ural. politekh. inst. no. 109:24-36 '61.

CITY TRAFFIC

(see also subdivision under Dnepropetrovsk; Sverdlovsk)

We believe in the ideals of our class... Vsem. prof. dvizh. no. 7:47 Jl '61.

CIVIL DEFENSE

Korablev, M. D. [Participation of the population in civil defense] Uchastie naselenila v ovarino-spasatel'nykh rabotal'h. Moskva, Izd-vo DOSAAF, 1960. 45 p.

CIVIL ENGINEERING

Useful manual ("Manual for the designer of industrial, housing, and public buildings and structures") Reviewed by G. P. Grinevich, L. A. Ratner). Zhel. dor. transp. 43 no. 7 96. Jl '61

CIVIL LAW

Differentiation of the rules of civil law. G. V. Kuksov. Sov. gos. i pravo. 31 no. 2 103-106. F '61.

Discussing the proposed "Basic Principles of Civil Law and Civil Procedure." Sov. gos. i pravo. 31 no. 2 86-92. F '61.

A discussion of proposed "Basic Principles" in Kalinin. Sov. gos. i pravo. no. 11 77-79. N '60.

The legal problems of economic development and the proposed "Basic Principles of Civil Law." V. P. Filimonchkin. Sov. gos. i pravo. 31 no. 2 106-110. F '61.

More attention to preventing the violation of civil laws. A. Trishkov. Sov. yust. no. 11 8-11. Jl '61.

The proposed "Basic Principles of the Civil Law of the U. S. S. R. and the Union Republics." O. S. Ioffe and others. Sov. gos. i pravo. 31 no. 2 93-102. F '61.

CIVIL PROCEDURE

Discussing the proposed "Basic Principles of Civil Law and Civil Procedure." Sov. gos. i pravo. 31 no. 2 86-92. F '61.

A discussion of proposed "Basic Principles" in Kalinin. Sov. gos. i pravo. no. 11;77-79. N '60.

Proposed "Basic Principles of the Civil Procedure of the U. S. S. R. and the Union Republics." N. B. Zeider. Sov. gos. i pravo. 31 no. 2 110-114. F '61.

Some remarks concerning the general part of the proposed "Basic Principles of Civil Procedure." S. N. Abramov. Sov. gos. i pravo. no. 11,73-76. N '60.

CIVIL RIGHTS

Freedom of the individual and its protection in the U. S. S. R. V. A. Patiulin, P. G. Semenov. Sov. gos. i pravo. 31 no. 8 17-27. Ag '61.

CIVILIZATION

Culture and civilization, the problems of theory and history [with summary in English]. TS. G. Arzakantian. Vest. ist. mir. kul't. no. 3 52-75. My-Je '61.

CIVILIZATION, FRENCH

Getting acquainted with France and thoughts on France. P. Filimov. Nov. vrem. 19 no. 34 12-14. Ag '61.

CIVILIZATION, GEORGIAN

Robakidze, A. I. [Villages and dwellings of Georgian mountaineers in the past and at present] Zhilishche i poselenila gortsev Gruzii v proshlom i nastoiashchem. Moskva, 1960. 11 p. (CLU)

CIVILIZATION AND ASTRONAUTICS see Astronautics and civilization

CLASSIFICATION—BOOKS

Mezhdubibliotechnaia katalogizatsionnaia komissiia. [Classification tables for children's libraries] Tablitsy bibliotechnoi klassifikatsiia dlia detskikh bibliotek. Moskva, Izd-vo Vses. knizhnoi palaty, 1959. 85 p. (KU)

CLASSIFICATION OF SCIENCES

"Basic principles and features of the classification of present-day natural sciences" by V. M. Bukhovskii. Reviewed by IU. P. Trusov. Vop. filos. 15 no. 7,167-171. '61.

Some trends in the development of natural sciences and the principles of their classification [with summary in English, p. 185]. A. I. Uemov. Vop. filos. 15 no. 8 66-75. '61.

clavicle and its
Voen.-med. zhur.

region, Minu-

of Kuznetsk Basin
eb, zav.: stroi, i

logical role of
devides. IU. V.
no. 2;134-135 Mr-

ation of the specific
indices of the
mol. Geol. zhur.

for grinding clayey
ev. Stek. i ker. 18

Production of a highly active mechanically strong clay hydroxide adsorbent by means of acid activation of clays. V. S. Komarov, N. I. Ermolenko, V. I. Varlamov. Dokl. AN SSSR. 139 no. 3 665-668. Jl '61.

Strength of clayey soils. M. N. Gol'dshtein. Osn. fund. i mekh. grun. 3 no. 3 3-7. '61.

CLAY—TESTING

New method of determining the sensitivity of clays to drying. V. V. Eremenko, I. V. Dolgina. Stek. i ker. 18 no. 7 26-29. Jl '61.

CLEANING COMPOUNDS

Effect of phosphates and polyphosphates on the solubilizing properties of detergents. P. A. Demchenko, A. V. Dumanskii. Dokl. AN SSSR. 139 no. 1 919-921. Ag '61.

"Synthetic washing and cleaning preparations" by G. Stilpel. Reviewed by I. IA. Volkind. Zhur. prikl. khim. 34 no. 7 1651-1652. Jl '61.

CLEARING OF LAND

Brush cutter with active working parts. V. I. Savkin. Trakt. i sel'khozmash. 31 no. 8 39. Ag '61.

New developments in technology. Ukraina no. 15-16. Ag '61.

New method of mechanized stump grubbing. M. U. Skal'skyi. Visnyk sil'hosp. nauky. 4 no. 8;15-17. Ag '61.

CLEARINGHOUSE

(see also subdivision under Gukovo)

Settlement of accounts among clients of main offices and suburban State Bank branches. G. Polonskii. Den. i kred. 19 no. 7 66-69. Jl '61.

CLEMENS, SAMUEL LANGHORNE, 1835-1910—BIBLIOGRAPHY see Bibliography—Clemens, Samuel Langhorne, 1835-1910

CLERGY see subdivision under Transcarpathia

CLERKS (RETAIL TRADE)

Discussing a trade. A. Solov'ev. Sov. potreb. koop. 6 no. 6 27. Je '61.

Good name. A. Kozlov. Sov. torg. 31 no. 6-29-30. Je '61.

Level of service. V. Ivanov, M. Petrova. Sov. torg. 34 no. 7;41-44. Jl '61.

CLIMACTERIC

Work of dispensaries (clinics) in the treatment of climacteric disorders. N. V. Svechnikova. Sov. zdrav. 20 no. 6 30-33. '61.

CLIMATOLOGY

Gal'tsov, A. P. [Heat and moisture in nature] Teplo i vlaga v prirode. Moskva, Izd-vo "Znanie," 1961. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 12, Geologiia i geografiia, no. 13)

CLIMATOLOGY—CHARTS, DIAGRAMS, ETC.

Letter to the editors. M. I. Nikifshov. Izv. AN SSSR. Ser. geog. no. 4,174. Jl-Ag '61.

CLIMATOLOGY, MEDICAL

Conference on the bioclimatology of man. D. M. Il'icheva, V. G. Kochenkov. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 3;285-287. My-Je '61.

CLIMBING PLANTS

Morphological and genetic characteristics of creeping plants [with summary in English]. V. N. Golubev. Biul. MOIP. Otd. biol. 66 no. 4 53-65. Jl-Ag '61.

CLINICAL MEDICINE see Medicine, Clinical

CLINICAL RADIOLOGY see Radiology, Medical

CLOCK AND WATCHMAKERS

Courageous and skillful. V. Nikolenko. Mest. prom. i khud. promys. 2 no. 6;29. Je '61.

CLOCKMAKING AND WATCHMAKING see subdivision under Moscow

CLOCKS AND WATCHES

New brands of watches. A. Antonov. Sov. potreb. koop. 5 no. 8;58-60. Ag '61.

CLOCKS AND WATCHES—REPAIRING AND ADJUSTING

Storage of watches, their repair and exchange. I. Smirnov. Sov. potreb. koop. 5 no. 8-60. Ag '61.

CLOTHING AND DRESS

What dress to wear. N. Okuneva. Mest. prom. i khud. promys. 2 no. 6;33-34. Je '61.

CLOTHING INDUSTRY

(see also subdivision under Leningrad; Yaroslavl)

For demonstration or for sale? G. Boris. Sov. torg. 34 no. 7;50. Jl '61.

CLOUD CHAMBER

Interaction of 78 mev. π^+-mesons in propane [with summary in English]. R. G. Salukvadze, D. Niagu. Zhur. eksp. i teor. fiz. 41 no. 1 78-80. Jl '61.

Scattering of 1-5 bev/c π^--mesons in lead [with summary in English]. S. A. Azimov and others. Zhur. eksp. i teor. fiz. 41 no. 1 56-59. Jl '61.

CLOUD PHYSICS

Diffusion distillation in a three-phase polydisperse system. A. IA. Perel'man. Izv. AN SSSR. Ser. geofiz. no. 8 1214-1223. Ag '61.

Size distribution of droplets in the cloud during its condensation stage of development. V. I. Bellinov. Izv. AN SSSR. Ser. geofiz. no. 8 1209-1213. Ag '61.

CLOUDS

Noctilucent clouds observed in Central Asia. V. G. Fesenfel'd. Astron. tsir. no. 218 25-26. F '61.

CLOVER

Effect of cultivation practices on hay and seed yields of Pechora clover. M. S. Losev. Agrobiologiia. no. 4 615-617. Jl-Ag '61.

CLUTCHES (MACHINERY)

Adjustment of clutch couplings. F. Kazarnovskii. Sel'mekh. no. 7 38-39. '61.

Increasing the run of clutch couplings. V. Gavrilov. Sel'. mekh. no. 7 30-31. '61.

CLUTCHES (MACHINERY)—MAINTENANCE AND REPAIR

Device for repairing clutches of rolling mill drives. A. A. Kal'mius, I. V. Nazarenko, A. V. Uantenko. Tsvetn. metally. predl. vnedr. v proizv. no. 2-66-67. '61.

COAGULATION

Using triangular diagrams in the study of water purification processes. Part 1. Physicochemical properties of coagulates. I. T. Gorbunovskii, S. P. Rozhanko, V. N. Zabarilo. Ukr. khim. zhur. 27 no. 4 529-536. '61.

COAL

Calculations of capital expenditures for power produced from coal burning have to be comprehensive. A. N. Shishov. Ugol' Ukr. no. 6 33-34. Je '61.

Concerning the optimum operation of ball mills. V. P. Osokin. Elek. sta. 32 no. 4 14-16. Ap '61.

Vlasova, N. S., V. I. Klassen, and I. N. Plaksin. [Principles of selecting reagents for flotation of difficult-to-dress coal fines] O printsipakh podbora reagentov dlia flotatsionnogo obogashcheniia melochi trudnoobogatimykh uglei. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 33 p.

COAL—CLASSIFICATION

Russia (1923- U. S. S. R.) Gosudarstvennaia komissiia po zapasam poleznykh iskopaemykh. [Instructions for classifying reserves in coal and oil shale deposits] Instruktsiia po primeneniiu klassifikatsii zapasov k mestorozhdeniiam uglei i goriuchikh slantsev. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1961. 66 p.

Unified classification of coal. K. I. Garkalenko. Standartizatsiia. 25 no. 8;27-29. Ag '61.

COAL—STANDARDS

Changes in standards. Vod. i san. tekh. no. 3;35-37. Mr '61.

COAL, PULVERIZED

Coal slurry raises the quality of bitumen-mineral mixtures. V. P. Volod'ko. Avt. dor. 24 no. 7;13-14. Jl '61.

COAL GEOLOGY

(see also subdivision under Aldan Basin; Bashkiria, Kirghizistan; Turgay Tableland, Tuva Autonomous Province; Zianchurinskiy District)

Egorov, A. I. [Belts of coal formations and oil- and gas-bearing zones of the earth] Poiasa ugleobrazovaniia i neftegazonosnye zony zemnogo shara. [Rostov-na-Donu] Izd-vo Rostovskogo univ., 1960. 181 p. 13 maps

COAL MINERS

(see also subdivision under Tula Province; Yorkuta)

Active volunteer workers. IU. Khobotova. Sov. shakht. 10 no. 3;17. Mr '61.

Happiness. P. Iurikov. Sov. shakht. 10 no. 3;12-13. Mr '61.

Miner settled in a dormitory. V. Alekhanov, A. Tokar', L. Volokh. Sov. shakht. 10 no. 3;36-37. Mr '61.

Sisters. S. Viktorova. Sov. shakht. 10 no. 3;37. Mr '61.

Stepka, king of the miners; a story. Z. Chigareva. Sov. shakht. 10 no. 3 26-27. Mr '61.

They became miners. P. Bychkov, A. Stanovova. Sov. voin. 43 no. 16;42. Ag '61.

COAL MINERS—DISEASES AND HYGIENE

Neimark, E. Z., and F. Kh. Zinger. [Industrial toxicoses among coal miners; its treatment and prevention] Professional'nye otravleniia rabochikh ugol'nykh shakht, ikh lechenie i profilaktika. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 114 p. (Biblioteka prakticheskogo vracha)

COAL MINES AND MINING
(see also subdivision under Czechoslovakia, Donets Basin, Karaganda, Karaganda Basin, Kizel Basin; Kuznetsk Basin, Lugansk Province, Lvov-Volyn Basin, Turoszow, Poland, Ukraine)

"Automation and remote control in mining" by V. G. Sassteev. Reviewed by V. N. Guev. Ugol' 36 no. 6 63-64 Je '61.

Combined section. S. Fedotov. Sov. shakht. 10 no. 3 14-15 Mr '61.

Conference of the specialists of Stalino Province enterprises and representatives of scientific institutes of the Ukraine. Ugol' Ukr. no. 6 46 Je '61.

Consultations. Sov. shakht. 10 no. 3 30-31 Mr '61.

For a further acceleration of the technological progress in coal mining. Ugol' 36 no. 6 1-5 Je '61.

Glorious work of Soviet miners. A. Shilin. Agitator no. 15 13-15 Ag '61.

Grigor'ev, V. L. [Roof caving with the use of battery stulls] Bezorgannaia posadka krovli. [Lugansk] Luganskoe oblastnoi izd-vo, 1961. 37 p.

How automatization works. V. Ivanovskii, V. Kravchenko, G. Milkis. Sov. shakht. 10 no. 3 21-22 Mr '61.

How success was achieved. K. Korolev. Sov. shakht. 10 no. 3, 10 Mr '61.

In a struggle for a high title. V. Tkach. Sov. shakht. 10 no. 3 5-6 Mr '61.

In capable hands. I. Pirogov. Sov. shakht. 10 no. 3 7-8 Mr '61.

Initiators of good deeds. V. Davydov. Sov. shakht. 10 no. 3 9 Mr '61.

Let's equal the top miners. Sov. shakht. 10 no. 3 1-2 Mr '61.

On guard. N. Mamai. Sov. shakht. 10 no. 3 3 Mr '61.

"Prospects of the expansion of coal mining in the U.S.S.R." Reviewed by A. E. Probst. Ugol' Ukr. no. 6 46 Je '61.

Technological solutions of problems in the reorganization and modernization of foreign mines. Ugol' Ukr. no. 6 41-43 Je '61.

"We," that means the group. Iu. Khobotov. Sov. shakht. 10 no. 3 16 Mr '61.

Workdays. N. Naboko. Sov. shakht. 10 no. 3 11 Mr '61.

COAL MINES AND MINING—BIBLIOGRAPHY see Bibliography—Coal mines and mining

COAL MINES AND MINING—EQUIPMENT AND SUPPLIES

Automatic counter of coal loaded cars. Iu. N. Baskakov. Ugol' 36 no. 6, 33 Je '61.

Measures for the conservation and maintenance of equipment in coal mining. B. IA. Pesin. Ugol' 36 no. 6 25-30 Je '61.

COAL MINES AND MINING—FINANCE

Considering the index of comparative efficiency of capital investments in determining the annual productivity and the life of coal mines. P. Z. Zviagin. Izv. AN SSSR, Otd. tekh. nauk. Met. i topl. no. 3:170-182 My-Je '61.

Effect of the factor of efficiency of capital investments in determining the productivity of the mine. P. Z. Zviagin. Ugol' 36 no. 6:39-44 Je '61.

COAL MINES AND MINING—HYDRAULIC EQUIPMENT see subdivision under Donets Basin

COAL MINES AND MINING—LABOR PRODUCTIVITY
(see also subdivision under Donets Basin)

Efficient means for determining the potentials of improvement in mine operations. A. G. Kletkin, S. Z. Mikhail'-skii, A. M. Denisenko. Ugol' Ukr. no. 6 10-12 Je '61.

COAL MINES AND MINING—SAFETY MEASURES

Borychev, N. I. [Aid for the public inspector for the protection of workers in the coal industry] V pomoshch' obshchestvennomu inspektoru po okhrane truda v ugol'noi promyshlennosti. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 88 p.

Conference on the enforcement of safety measures in blasting operations. M. N. Kosarchev. Ugol' 36 no. 6: 61-62 Je '61.

Traumatism must be overcome. D. Torosov and others. Sov. shakht. 10 no. 3, 34-35 Mr '61.

COAL MINING MACHINERY
(see also subdivision under Kuznetsk Basin)

Introduction of machine parts made from compressed wood in the enterprises of Shakhterskantrasit Trust. I. A. Grekov. Ugol' Ukr. no. 6, 26-27 Je '61.

Khristenko, A. P., and A. D. Sukach. [KR-1 coal cutter-loader] Ugol'nyi kombain KR-1. [Moskva] Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 84 p. (Novaia gornaia tekhnika)

New ways of hauling barings. Ugol' Ukr. no. 6 25 Je '61.

Overcoming obstacles. V. Goncharov, A. Spiridonov. Sov. shakhat. 10 no. 3 4 Mr '61.

Use of coal plows in gas and coal outburst hazardous flat seams. F. D. Shevlakov. Ugol' Ukr. no. 6:36-37 Je '61.

COAL MINING MACHINERY—TESTING

Mine testing of the KM-87 machinery unit. G. E. Kovalev, I. A. Remennik, G. M. Lagutin. Ugol' Ukr. no. 6:29-30 Je '61.

COAL PREPARATION
(see also subdivision under India)

In the Coordination Council of the All-Union Central Design and Planning Institute for Mine Construction in the Coal Industry dealing with the problems of coal preparation, briquetting and grading. K. K. Kuznetsov, M. G. Braginskii. Ugol' 36 no. 6 60-61 Je '61.

Increasing the yield of concentrate and lowering the preparation costs of coals used for coking. V. A. Malinovskii. Ugol' 36 no. 6:18-52 Je '61.

COAST CHANGES see subdivision under Rybinsk Reservoir

COAXIAL CABLES

Transfer characteristic of a coaxial system with periodic structure. S. I. Viglin. Radiotekh. i elektron. 6 no. 8, 1308-1315 Ag '61.

COBALT—ANALYSIS

Photometric determination of small amounts of cobalt in the form of trivalent cobalt diethyldithiocarbaminate [with summary in English]. K. P. Stoliarov. Zhur. anal. khim. 16 no. 1 452-457 Jl-Ag '61.

COBALT—ISOTOPES

Gerteriken, S. D., and I. IA. Dekhtiar. [Using radioactive cobalt-60 for studying the diffusion of cobalt in cobalt-aluminum and cobalt-nickel-manganese alloys] Issledovanie diffuzii kobal'ta v splavakh kobal't—aluminii i kobal't—nikel'—marganets s ispol'zovaniem radioaktivnogo izotopa kobal't-60. Moskva, 1955. 10 p. (Doklady, predstavlennye USSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

COBALT—PHYSIOLOGICAL EFFECT

Increasing the utilization of nitrogen from feed rations which include urea by adding cobalt. A. V. Modianov. Biul. nauch.-tekh. inform. VIZH no. 1 10-13 '58.

COBALT ALLOYS

Gerteriken, S. D., and I. IA. Dekhtiar. [Using radioactive cobalt-60 for studying the diffusion of cobalt in cobalt-aluminum and cobalt-nickel-manganese alloys] Issledovanie diffuzii kobal'ta v splavakh kobal't—aluminii i kobal't—nikel'—marganets s ispol'zovaniem radioaktivnogo izotopa kobal't-60. Moskva, 1955. 10 p. (Doklady, predstavlennye USSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

COBALT CHLORIDE

Relaxation absorption of electromagnetic energy in the antiferromagnetic substance $CoCl_2$ [with summary in English]. R. T. Mina. Zhur. eksp. i teor. fiz. 40 no. 5, 1293-1295 My '61.

COBALT-CHROMIUM ALLOYS see Chromium-cobalt alloys

COBALT COMPOUNDS

Some reactions in $[Co(C_2O_4)_3]^{3-}$ ion cleavage. Zhur. neorg. khim. 6 no. 7:1552-1556 Jl '61.

Use of spectrophotometry in the study of the composition and structure of complex cobalt chlorides. I. V. Tananaev, B. F. Dzhurinskii. Dokl. AN SSSR 139 no. 1:120-123 Jl '61.

COBALT COMPOUNDS—CONGRESSES

Vsesoiuznoe soveshchanie po khimii kompleksnykh soedinenii kobal'ta i nikelia, 1960. [Summaries of reports to the All-Union Conference on the Chemistry of Cobalt and Nickel Complexes] Tezisy dokladov. Kishinev, Izd-vo "Shtiintsa" Moldavskogo filiala Akad. nauk SSSR, 1960. 74 p.
[MICROFILM]

COBALT FERRATE

Resonance of domain boundaries in cobalt ferrite [with summary in English]. T. M. Perekalina, A. A. Askochinskii, D. G. Sannikov. Zhur. eksp. i teor. fiz. 40 no. 2: 441-447 F '61.

COBALT IN THE BODY

Cobalt balance of the body in children of preschool age [with summary in English]. E. N. Ripak. Vop. pit. 20 no. 4 19-22 Jl-Ag '61.

COBALT OXIDES—SPECTRA

Spectral method for determining impurities in cobalt oxide. G. M. Lerman, V. A. Korneev, T. K. Stoianova. Zav. lab. 27 no. 7 838-839 '61.

COBALT-TITANIUM ALLOYS see Titanium-cobalt alloys

COBALT-TUNGSTEN-NICKEL ALLOYS see Tungsten-cobalt-nickel alloys

COCCIDIOSIS see subdivision under Azerbaijan

COCONUT OIL see subdivision under Tsimlyansk Reservoir region

CODEINE

Separation of a mixture of the alkaloids of papaverine and codeine by the method of counterflow distribution [with summary in English]. V. M. Bashilova, N. A. Figurovskii. Apt. delo 10 no. 3:50-54 My-Je '61.

COGNITION

The role of signs in the process of cognition [with summary in English, p. 166]. L. O. Reznikov. Vop. filos. 15 no. 8 118-132 '61.

The role of symbolization and formalization in scientific cognition. V. A. Smirnov. Trudy TGU 119 61-65 '60.

COILS, ELECTRIC see Electric coils

COINS, ANCIENT see subdivision under Kherson Province; Odessa, Olbia (Borysthenes)

COKE

Expansion of the resources of coal varieties for coking. V. A. Leites. Ugol' Ukr. no. 6 17-19 Je '61.

Investigating the process of dry quenching of coke. I. IA. Pil'skii. Trudy MIKHM 16 55-60 '58.

Thermodynamics of the coking process. V. A. Voloshin and others. Izv. AN SSSR Otd. tekh. nauk. Met. i topl. no. 3:183-190 My-Je '61.

COKE INDUSTRY

Automatic pumping out of water from quenching stations. A. M. Andriunin, N. I. Maksimov. Sbor. rats. predl. vnedr. v proizv. no. 2 49-50 '61.

COKE INDUSTRY—EQUIPMENT AND SUPPLIES

Changing cork setting in crystallizer branch pipes. G. V. Sulelmanov. Sbor. rats. predl. vnedr. v proizv. no. 1 35-36 '61.

Stand for collecting tar and oil. V. I. Morozov, G. V. Sulelmanov. Sbor. rats. predl. vnedr. v proizv. no. 1:35 '61.

Stepanenko, M. A., IA. A. Bron, and N. K. Kulakov. [Production of pitch coke] Proizvodstvo pekovogo koksa. Khar'kov, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 311 p.

COKE OVENS

Building a coke oven battery. M. M. Kazachkov, A. D. Kogan. Prom. stroi. 39 no. 7:39-40 '61.

COLD—PHYSIOLOGICAL EFFECT

Diseases of the motor apparatus in transport workers exposed to cold. T. Sarachev. Gig. i san. 26 no. 3 98-100 Mr '61.

Effect of moisture and low temperatures on the quantity of bacteria in the soil [with summary in English]. P. Kh. Rakhno. Mikrobiologiia 29 no. 2:229-233 Mr-Ap '60.

Electroencephalographic analysis of the effect of a frigorific agent on children. G. N. Speranskii, Iu. M. Platusevich. Dokl. AN SSSR 139 no. 3 759-762 Jl '61.

COLD (DISEASE)

Experience in the prevention of colds in military personnel. B. G. Melkumian, K. I. Lavrent'ev. Voen.-med. zhur. no. 3, 74-75 Mr '61.

COLD STORAGE

Kanaev, A. F., and A. M. Chekotillo. [Cold storage installations made of ice and their use] Ledianye sklady i ikh ispol'zovanie. Moskva, Izd-vo Akad. nauk SSSR, 1952. 110 p.

Testing cold-storage rooms for freezing meat. S. Chublin, I. Chumak, I. Mogilevskii. Miasn. ind. SSSR 32 no. 1 14-16 '61.

COLD STORAGE WAREHOUSES
(see also subdivision under Baku; Moscow)

One-story cold storage distributing point. A. IA. Gimmel'farb. Prom. stroi. 39 no. 6 27-30 '61.

Pirog, P. I. [Thermal insulation of cold storage warehouses] Teploizolintsiia kholodil'nikov. Moskva, Gos. izd-vo torg. lit-ry, 1961. 203 p.

COLLECTIVE FARMS
(see also subdivision under Borisoglebsk District, Yaroslavl Province; Kantemirovka; Kotovskiy District; Olenino District; Rozhdestveno, Leningrad Province; Shipunovo District, Ukraine, Ukraine, Western)

Atlasov, A. M. [Red corner on a collective farm] Krasnyi ugolok na kolkhoznoi ferme. [Tula] Tul'skoe knizhnoe izd-vo, 1960. 34 p. (Bibliotechka partiinogo opyta)

Both forms are justified. I. Platitsyn. Sots. obesp. 22 no. 7 41-42 Jl '61.

A conference on the present-day development of the alliance of workers and peasants. I. E. Zelenin. Vop. ist. no. 7, 171-172 Jl '61.

"Cooperative societies and their preparations for complete collectivization" by I. G. Bulatov. Reviewed by A. P. Veselov, Iu. S. Kukushkin. Ist. SSSR 5 no. 4 174-175 Jl-Ag '61.

Markov, I. A. [Heroic work of Sameti villagers; a propagandists' account] Podvig Sameti; rasskaz propagandista. [Kostroma] Kostromskoe knizhnoe izd-vo, 1960. 24 p.
(DA)

Muratov, D. G. [The new collective-farm village] Novoe kolkhoznoe selo. Moskva, Izd-vo Znanie, 1960. 44 p.
(DBC)

New forms of democratic self-government on present-day collective farms. I. F. Pankratov. Sov. gos. i pravo 31 no. 2 59-67 F '61.

COLLECTIVE FARMS (Continued)

New ideas and the surviving traces of the past in the conscience of collective farm peasants P. A. Prozorov Vop filos, 15 no 7:37-48 '61

On the main road Ivan Kostin Ukraina no.15:6-7 Ag '61

Principles of material incentive on collective farms [in Armenian with summary in Russian] A K. Airumian Izv Upr sel'khoz nauki Arm SSR 1 no 3 3-15 '61

Problems of combining personal and public interests on collective farms A Kraeva Vop ekon. no 8 72-79 Ag '61

Some problems in the development of collective farms in the light of the proposed program of the CPSU I Lukinov Kommunist 38 no 12;69-78 Ag '61

"Utilizing the law of value in collective farm production" by V G Venzher Reviewed by L. Kassirov. Vop ekon no. 7:127-133 Jl '61.

Vorobeichikov, A. P. [Analysis of the economic aspects of a collective farm] Analiz khoziaistvennoi deiatel'nosti kolkhoza. Izd. 2., perer. i dop. Moskva, Gosstatizdat TsSU SSSR, 1960. 199 p. (MH)

Vostrikov, Iu. A., and A. L Makeev. [Communists of the "Rossiia" Collective Farm] Kommunisty kolkhoza 'Rossiia," [Saratov] Saratovskoe knizhnoe izd-vo, 1960. 37 p.

COLLECTIVE FARMS—ACCOUNTING see subdivision under Slobodskoy District; Stavropol Territory

COLLECTIVE FARMS—COSTS

Potapov, Kh. E., and P. S. Zakusilo. [Ways of lowering unit costs of production on collective farms] Puti snizhenila sebestoimosti produktsii v kolkhozakh. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 142 p.

COLLECTIVE FARMS—FINANCE
(see also subdivision under Shabalinskiy District)

Determination of the gross and net profits of collective farms E. V. Alakshin. Sbor st Irk VPSH no 1 141-163 '59.

Korlunov, S. N. [Undivided funds and capital investments of collective farms] Nedelimy fondy i kapital'nye vlozhenila kolkhozov. Moskva, Gosfinizdat, 1960. 94 p. (MH)

Some problems in the analysis of financial operations of collective farms. G. Kutuzov. Fin. SSSR 22 no 3 36-43 Mr '61.

Useful monograph ("Undivided funds and capital investments of collective farms" by S. Korlunov. Reviewed by L. Kolychev). Fin SSSR 22 no 3 90-92 Mr '61

COLLECTIVE FARMS—INCOME DISTRIBUTION
(see also subdivision under Dnepropetrovsk Province, Turkmenistan)

Legal regulation of the remuneration of collective farmers and its role in the development of their material self-interest I. F. Pankratov. Sov. gos i pravo 31 no 8 50-60 Ag '61.

[Money wages on collective farms] Denezhnaia oplata truda v kolkhozakh, sbornik statei. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1960. 138 p. (DS)

Zinochkin, A. G. [From the "workday" to money wages] ot trudodnia - k denezhnoi oplate. [Iaroslavl'] Riazanskoe knizhnoe izd-vo, 1960. 125 p. (DS)

COLLECTIVE FARMS—INTERFARM COOPERATION
(see also subdivision under Ukraine)

Reinforced concrete article plants for interfarm building organizations and state farms. V. A. Girskii, N. N. Davydov. Stroi. i dor. mash 6 no 7.20-24 Jl '61.

GISLATION

- ust.

[illegible], E. Ya., and L. G. Golovacheva. [Soviet land law] Sovetskoe zemel'noe pravo. Otv. red. M. S. Lipetsker. Moskva, Vses. iurid. zaochnyi in-t, 1960. 197 p.

The January Plenum of the Central Committee of the CPSU and some problems facing Soviet jurisprudence. Sov gos. i pravo 31 no. 2.3-8 F '61.

Legal regulation of the remuneration of collective farmers and its role in the development of their material self-interest. I. F. Pankratov. Sov. gos. i pravo 31 no 8 50-60 Ag '61.

Mikolenko, IA. F. [Right of cooperative property in the U.S.S.R.] Pravo kooperativnoi sobstvennosti v SSSR. Moskva, Izd-vo Akad. nauk SSSR, 1961. 158 p.

COLLECTIVE FARMS—MANAGEMENT see subdivision under Berezovka District (Odessa Province); Korenovskiy District

COLLECTIVE FARMS—OFFICIALS AND EMPLOYEES

A wrong decision of a province committee of the party. Part zhizn' Kazakh. 31 no. 7 27-27 Jl '61

COLLECTIVE FARMS—VALUATION

Revaluating fixed assets of collective farms. A. Kochnev. Vest stat no 7:60-64 '61

COLLISIONS (NUCLEAR PHYSICS)

Changes of momentum of charges colliding in a magnetic field [with summary in English] IU N Barabanenkov. Zhur eksp i teor. fiz 10 no 5;1476-1480 My '60

Contact interaction of mesons in nonelastic nucleon-nucleon collisions. B. T. Vavilov. Vest. Mosk. un. Ser. 3 Fiz., astron. 16 no.3 90-93 My-Je '61.

Electron capture by O_2 and Cl_2 molecules in collisions with fast atoms of alkali metals A. M Bukhteev, IU F Bydin, V M Dukel'skii Zhur tekh fiz 31 no 6 688-693 Je '61

Nucleon-nucleon interactions at an energy level of $E \approx 10^{11}$ ev [with summary in English] I M Dremin, D S Chernavskii Zhur eksp i teor. fiz 40 no. 5. 1333-1337 My '61

Neutron transfer in nucleon collisions [with summary in English] T L Abelishvili Zhur eksp i teor fiz. 40 no 4;1440-1445 My '61

Probability of the transformation of the oscillation energy of oxygen in a collision with a nitrogen dioxide molecule. A. I. Osipov Dokl AN SSSR 139 no 2,351-354 Jl '61

Production of tritium in lead and aluminum under the action of high-energy protons, deuterons, and α-particles [with summary in English] V. V. Kuznetsov Zhur. eksp i teor. fiz. 40 no 5;1263-1269 My '61.

Production of tritium in the bombardment of heavy nuclei by fast protons [with summary in English]. S V. Izmailov, I I Pianov. Zhur eksp. i teor fiz 41 no 1 118-126 Jl '61

COLONIES
(see also subdivision under Portugal; Spain)

Bonn theoreticians of neocolonialism ("The world of the African" [in German] by Albert von Haller "The white man's fault?" [in German] by Wahrhold Drascher. Reviewed by G. Rudoi) Nov. vrem 10 no. 22 29-31 Ag '61.

Discussing the problem of the military-feudal aspects of Russian imperialism. Ist SSSR 5 no 4;223-227 Jl-Ag '61

For peace without armaments and the independence of all nations. Sov. gos i pravo no. 11;3-13 N '60.

Gushima, Kanesaburo. [Present-day colonialism. Translated from the Japanese] Sovremennyi kolonializm. Vstup. stat'ia i red. G. L. Bondarevskogo. Moskva, Izd-vo inostr. lit-ry, 1960. 178 p.

New recipes of colonialists ("Fault of the whites?" [in German] by Wahrhold Drascher Reviewed by G. Egorov) Az i Afr. seg no 7 61-62 Jl '61.

Social and economic character of present-day colonialism. K. Ivanov. Mezhdunar. zhizn' 8 no 8 0-24 Ag '61.

COLONIES—BIBLIOGRAPHY see Bibliography—Colonies

COLOR—PHYSIOLOGICAL EFFECT

Technical aesthetics and the culture of production. V. Nizhegorodtsev. Sov. profsoiuzy. 17 no. 15;28-30 Ag '61.

COLOR—PSYCHOLOGY

For beauty in labor. M. F. Ladur and others. Sov. profsoiuzy 17 no. 16;46-47 Ag '61.

Standards for colors in industry. Okhr. truda i sots. strakh. 4 no. 6 46-47 Je '61.

COLOR CENTERS

Role of M-, R-, and F'-color centers in the mechanism of the infrared fluorescence of F-centers in alkali-halide crystals. I. I. Ezhik, S T. Shavlo Izv. vys. ucheb zav., fiz no 1,46-53 '61.

COLOR MOTION-PICTURE PHOTOGRAPHY—FILMS

Effect of double exposure on the shape of the characteristic curve of the relief film. D K. Balnbukha. Tekh. kino i telev. 5 no. 6;6-12 Je '61.

Some characteristics of photography with a DS-5 color negative film and of its photographic processing. A. Moskvin, A. Val. Tekh. kino i telev. 5 no 6;13-17 Je '61.

COLOR PHOTOGRAPHY

Pasting the "Fotoisvet" colored photographic paper on glass. M. N TSyganov. Geod. i kart. no. 7;47-51 Jl '61.

The use of color correcting devices in color photography. I D. Naidis. Sov. krim. na sluzh. sled. no. 13;111-114 '59.

COLOR PHOTOGRAPHY—EQUIPMENT AND SUPPLIES see subdivision under Germany, East

COLOR PRINTING

Multicolored printing on semiconductor photographic paper. IU. N. Kuznetsov Trudy MIIGAIK no. 45.47-51 '61.

COLOR SENSE

Colorimetric investigation of vision in cephalopod molluska. O. IU. Orlov, A L. Byzov. Dokl. AN SSSR 139 no. 3;723-725 Jl '61.

Departure from the "law of strength" in the differentiation of weak components of single complex (object) stimuli [with summary in English] Z. V. Denisova. Zhur. vys nerv. deiat 11 no 3 438-443 My-Je '61

Determination of spectral sensitivity curves for ocular receptors in normal trichromates N. I. Spet'anskaia, N V Lobanova Biofizika 6 no 4 472-477 '61.

Disturbance of color sense in some diseases of the retina [with summary in English] N N. Kolychev. Oft. zhur. 16 no. 4-213-217 '61.

COLOR TELEVISION

Conspicuousness of the gray scale in color television. N. G. Denisugin Elektrosviaz' 15 no. 8.26-34 Ag '61

COLOR TELEVISION—RECEIVERS AND RECEPTION

Circuit for shaping the flag pulse used at the Moscow Experimental Center of Color Television IA I Luk'ianchenko, V. I. Khavkin Tekh. kino i telev. 5 no. 6;38-40 Je '61

COLORED GLASS see Glass, Colored

COLORIMETRY

Method for determining the amount of vitamin P-active catechins in the urine [with summary in English] F A Kraiko Vop. pit. 20 no. 4 57-59 Jl-Ag '61

Methods of colorimetric determination and specification of fabrics N V Lobanova and others Tekst prom 21 no. 4-52-54 Ap '61.

New method for determining the copper content of food products [with summary in English]. V. S Grinner, L A. Evmenova. Vop. pit. 20 no. 4-66-69 Jl-Ag '61

COLUMNS see subdivision under Sterilizamak

COLUMNS, CONCRETE

Designing reinforced concrete columns for an industrial building allowing for the turning of foundations I N Genishta. Bet. i zhel.-bet. no. 7;330-334 Jl '61

COMA

Comatous condition in a patient with vaccinal encephalitis. I. S. Gleizer. Zhur. nevr. i psikh. 61 no. 3-372-373 '61.

COMBINES (AGRICULTURAL MACHINERY)
(see also subdivision under Taganrog)

Adjust combines correctly. A. Pugachev. Tekh. v sel'khoz. 21 no. 8-64-67 Ag '61.

Adjusting valves of the hydraulic system of the SK-3 combine. P. Golyshev. Tekh. v sel'khoz. 21 no. 7;62-63 Jl '61.

A combine is reconstructed for two seats G. Povalii. Prof.-tekh. obr 18 no. 7;17 Jl '61.

Investigating the system for automatic regulation of feeding in the threshing apparatus of tractor-drawn combines. G. A. Gulinov. Trudy VIM 27;189-213 '60

Modification of the threshers of RSM-8 and S-6 combines to harvest corn for grain. V. Radi'ko, A. Fedorov. Tekh. v sel'khoz. 21 no. 8;10-13 Ag '61.

Modifying reapers of tractor-drawn combines for harvesting corn A. Fedorov. Tekh. v sel'khoz. 21 no 7 11-16 Jl '61.

Modifying the connecting rod end of the SK-2, 6 combine M. H Lastova'kyi. Mekh. sil'. hosp. 12 no. 8 28 Ag '61.

Mounted straw dump for the S-4 combine. I. Chumachenko. Tekh. v sel'khoz. 21 no. 7;64-65 Jl '61.

Performance of the KKKh-3 combine. F. Olefaik. Tekh. v sel'khoz. 21 no. 6;70-72 Ag '61.

Performance of the variable speed governor of combines. Sel'. mekh. no. 7;37 '61.

COMBINES (AGRICULTURAL MACHINERY)—MAINTENANCE AND REPAIR

Sharpening ensilage cutters in the cylinder of the SK-2, 6 combine. IA. Grigorenko. Sel'. mekh. no 7 29 '61.

COMBING MACHINES

Theoretic and experimental study of separation and piecing-up processes in the G-4 combing machine. V. S Goritskii. Izv. vys. ucheb. zav.; tekh. tekst. prom. no 3;64-76 '61.

COMBUSTION

Burning of gas from the air scavenging of water gas generators. L. B. Avetisiants. Trudy MIKHM 16. 121-140 '59.

Compression waves arising during combustion in tubes S. M. Kogarko, A. S. Novikov. PMTF no. 4;38-42 N-D '60.

Gorbunov, G. M., ed. [Flame stabilization and the development of the combustion process in turbulent flow] Stabilizatsiia plameni i razvitie protsessa sgoraniia v turbulentnom potoke, Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1961. 160 p.

Measuring the intensity of turbulence in a cyclone furnace [with summary in English]. L. K. Zhitkovich, N. V. Antonishin. Inzh.-fiz. zhur. 4 no. 6;122-124 Je '61.

Nature of green glow and the composition of products obtained in burning boron at 3100°K. A. D. Rusin, V. M Tatevskii. Dokl. AN SSSR 139 no. 3;630-633 Jl '61

COMBUSTION (Continued)

Relaxation mechanism of combustion propagation in heterogeneous exothermal systems. A. F. Belinev. Zhur. fiz. khim. 35 no. 6·1374-1378 Je '61.

Stability and effectiveness of burning low calorific gases in ceramic burners M A Volkov Trudy MIKHM 16 83-102 '58.

Theory of flame propagation in systems involving branched chain reactions Izv AN SSSR, Otd khim nauk no 7 1240-1248 Jl '61.

COMBUSTION, THEORY OF

Vibrational combustion; survey. O. G. Roginskii. Akust. zhur. 7 no. 2:131-154 '61.

COMBUSTION RESEARCH

Pressure dependence of the combustion velocity of explosives [with summary in English]. A. P Glaskova, I A. Terekhin Zhur fiz khim 35 no 7 1622-1628 Jl '61.

COMETS—1908 see subdivision under Podkamennaya Tunguska Valley

COMETS—1959

Observations of comets in Tartu. H. K. Raudsaar Astron. tsir no. 218:1-2 F '61.

COMETS—1961

Ephemeris of Neujmin's periodic comet III for 1961 S G. Makover. Astron. tsir no 218·2-3 F '61.

COMMERCE

Foreign trade in the service of peace. N. Patolichev Vnesh torg. 41 no 7 insert 3-6 Jl '61

In the foreign trade arbitration commission D Ramzaitsev. Vnesh torg 41 no 7 37-43 '61

COMMERCE—BIBLIOGRAPHY see Bibliography—Commerce

COMMERCE—DICTIONARIES

Kim Ki Un, Kim Yŏn Ch'ŏl, and L. N. Karshinov, comps. [Russian-Korean and Korean-Russian dictionary of foreign trade] Russko-koreiskii i koreisko-russkii vneshneiorgovyi slovar', Moskva, Vneshtorgizdat, 1961. 190 p.

COMMERCIAL AERONAUTICS see Aeronautics, Commercial

COMMERCIAL AGENTS

Granting the right to sign foreign-trade transactions. Vnesh. torg. 41 no. 6·45-47 '61.

COMMERCIAL LAW

Consulting lawyers and the problems of economic development. Sov. gos. i pravo 31 no 2·142-149 F '61.

Current problems in the legal regulation of Soviet state trade D. M. Genkin. Sov gos. i pravo 31 no 8 39-49 Ag '61.

Legal problems relating to the organization and work of economic councils. D D. Ostapenko, V M. Semenov, O. A. Krasavchikov. Sov. gos. i pravo 31 no. 2·129-136 F '61.

Legal regulation of services for the Soviet people. M. I. Osipova Sov gos. i pravo no. 11:70-72 N '60.

COMMERCIAL PRODUCTS—STANDARDS

Guarantees of the quality of goods. B. Moiseev, P. Portnov Sov torg 34 no. 7:14-17 Jl '61.

COMMERCIAL TREATIES

Answering our readers' questions. Mezhdunar. zhizn' 8 no. 9:156-156 S '61.

COMMUNICABLE DISEASES

Dunin, K. V., ed. [Pocket manual for the specialist in infectious diseases; clinical aspects, diagnosis, and treatment] Karmannyi spravochnik infektsionista; klinika, diagnostika, lechenie. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 233 p.
(DNLM)

COMMUNICABLE DISEASES—PREVENTION

Control of infectious diseases in the U. S. S. R. and prospects for their elimination. M. I. Murav'ev. Med. sestra 20 no. 6, 3-8 Je '61.

Role of inoculations in the system of measures against infectious diseases. R. V. Gordina. Fel'd. i akush. 26 no 6:37-41 Je '61.

Sokolov, M. I., ed. [Prevention of infectious diseases with live vaccines] Profilaktika infektsii zhivymi vaktsinami. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 354 p.
(DNLM)

Ultraviolet rays in the prevention of air droplet infections. N. M. Dantsig, V. V. Vlodavets, N. B. Kirichagina. Vest. AMN SSSR 16 no. 7:13-20 '61.

COMMUNICATIONS, MILITARY

Communications during combat in the depth of the enemy's defenses. M. Korolev. Voen. vest. 40 no. 4: 44-46 Ap '61.

Communications equipment should be studied during operation. G. Knizhitskii. Voen. vest. 40 no. 4:91-93 Ap '61.

Improve methods in the organization of communications. L I Gavrilenko Vest protivovozd oboi no. 5 69-71 My '61

Utilize communications equipment in an exemplary fashion. M. S. Bilushinkin. Vest. protivovozd. obor. no. 4 62-65 Ap '61.

COMMUNISM

(see also subdivision under Ukraine)

Banner of unity, banner of victory. Starsh. -serzh no 1 2 Ja '61

A banner which calls for the struggle for communism [with summary in English, p 184] D M Kukin Vop. filos 15 no 8 28-39 '61

The bright future of mankind A. Bovin. Komm Vooruzh Sil 1 no 16 29-38 Ag '61

[The building of a socialist society in the U. S. S. R.] Postroenie sotsialisticheskogo obshchestva v SSSR; materialy po tret'emu teme. Moskva, Izd-vo TsK VLKSM "Molodaia gvardiia," 1948. 38 p. (V pomoshch' slushateliam politshkol)

"Childhood, youth; thoughts about the future" by V. I. Taneev Reviewed by M. G. Sedov Vop. filos. 15 no 7,171-173 '61.

Communism is the future of mankind. Kh. Momdzhian. Kommunist 38 no 12;31-43 Ag '61.

Communists and all White Russian workers unanimously approve the proposed program. Komm Bel 35 no 8; 104-112 Ag '61

Criticism and self-criticism are the dialectical law of the development of communist society. N. V Karabanov. Vop filos 15 no 8 133-143 '61

Economic and technical foundation of a communist society M. Sakov Kommunist 38 no 12;57-68 Ag '61.

The economic nature of socialism A. Agevnin Kommunist 38 no 13·85-96 S '61

The 13d anniversary of the Great October Socialist Revolution, materials for lectures and talks. Komm Vooruzh Sil 1 no. 1·34-41 O '60.

[From the socialist state to communist communal self-government, papers delivered at the conference organized by the Moscow City Committee of the CPSU, the Institute of Philosophy, and the Institute of the State and Law of the Academy of Sciences of the U. S. S. R. in Moscow, July 7-8, 1960] Ot sotsialisticheskoi gosudarstvennosti k kommunisticheskomu obshchestvennomu samoupravleniiu; trudy nauchnoi konferentsii, provedennoi Moskovskim gorodskim komitetom KPSS, Institutom filosofii i Institutom gosudarstva i prava Akademii nauk SSSR v g. Moskve 7-8 iiulia 1960 g. Moskva, Izd-vo Akad. nauk SSSR, 1961. 346 p.

Fundamental advantages of socialism in utilizing production funds. K. Val'tukh, L. Bolotenkova. Fin. SSSR 22 no. 3:48-57 Mr '61.

Fufaev, V. K. [V. I. Lenin and the international workers movement] V. I. Lenin i mezhdunarodnoe rabochee dvizhenie. Leningrad, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, Leningr. otd-nie, 1960. 41 p.
(MH)

Great program of the building of communism. Agitator no 15;3-12 Ag '61.

The great program of the building of communism. Nar. obr. no. 8:1 VIII Ag '61.

Great program of the building of communism. Sov. profsoiuzy 17 no 16;4-7 Ag '61.

Great program of the struggle for communism. Blok. agit. [Sov. Armii] no. 23·2-17 Ag '61.

The great program of the struggle for communism Komm. Vooruzh. Sil 1 no. 16 19-26 Ag '61.

The greatest document of scientific communism. Komm. Mold. 6 no. 8·95-107 Ag '61.

The historical mission of communism. V. Korionov. Mezhdunar zhizn' 8 no. 9;3-11 S '61.

Impelling role of the contradictions of socialism. G. M. Shtraks. Vest. Mosk. un. Ser. 8 Ekon., filos 16 no. 4· 53-62 Jl-Ag '61,

Imposing program of the struggle for communism. Komm. Ukr. 37 no. 8;93-100 Ag '61.

In the name of humanity. Sov. potreb. koop. 5 no. 8;1-2 Ag '61.

Karpilenko, S. T. [V. I. Lenin's book "Left Wing Communism, an Infantile Disorder"] Kniga V. I. Lenina "Detskaia bolezn 'levizny' v kommunizme." K 40-letiiu so dnia vykhoda v svet. Leningrad, 1960. 49 p.

Lenin's ideas triumph. Inostr. iaz. v shkole no. 2;3-8 Mr-Ap '61.

Liventsov, V. O. [Complete and final victory of socialism in the U. S. S. R. and its international significance] Povna i ostatochna peremoha sotsializmu v SRSR ta ii mizhnarodne znachennia. Kyiv, Akad. nauk URSR, 1960. 70 p.
(MH)

Moscow. Akademiia obshchestvennykh nauk. Kafedra istorii mezhdunarodnogo kommunisticheskogo i rabochego dvizheniia. [History of the revolutionary struggle] Iz istorii revoliutsionnoi bor'by, VPSh i AON, 1960. 299 p.
(NNC)

Our epoch's great document. Vop. ekon. no. 8:3-14 Ag '61.

The party of those who build communism [with summary in English, p 184] V. V Platkovskii Vop filos 15 no. 8 15-27 '61

Popular manual ("Marxist-Leninist philosophy" by I Vorob'iov, A Kogan Reviewed by S. Shilo) Nauka i zhyttia 11 no 6 56-57 Je '61

Principles of the development of the world economic system of socialism. I. Oleinik, V. Starodubrovskaia. Mir ekon. i mezhdunar. otn. no. 8·3-14 Ag '61.

A program of the building of communism [with summary in English, p. 184] Vop filos. 15 no. 8 3-14 '61.

Proposed program of the Communist Party of the Soviet Union. Komm Bel 35 no. 8·2-84 Ag '61

Proposed program of the Communist Party of the Soviet Union. Komm. Mold. 6 no. 8 3-80 Ag '61.

Proposed program of the Communist Party of the Soviet Union. Komm. Ukr. 37 no. 8 3-78 Ag '61.

Proposed program of the Communist Party of the Soviet Union. Part zhizn' no 15/16 3-81 Ag '61.

A reference book compiled by falsifiers ("A handbook on world communism" [in German] Reviewed by M P. Kareva) Sov gos i pravo no 11·135-139 N '60

Regular features of the transition for socialism to communism, P IUdin Kommunist 38 no. 12,44-56 Ag '61.

Sogomonian, A. G., and V. A. Chumichev. [V. I. Lenin on the building of communism in the U. S. S. R.] V. I. Lenin o postroenii kommunizma v SSSR. Leningrad, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, Leningr. otd-nie, 1960. 52 p.
(MH)

"Stop this thief," a thief shouts V. Denisov. Otv. na vop trud no. 4 42-49 '61.

Suggested amendments of the proposed program of the CPSU. Kommunist 38 no 13;87-89 S '61

A theoretical conference at an industrial plant A. Titarenko. Vest. Mosk un Ser 8, Ekon., filos 16 no 4 88-91 Jl-Ag '61.

The theory of scientific communism in action L. Ilichev Kommunist 38 no. 13 9-24 S '61

Triumph of Lenin's ideas. Voen. vest. 40 no. 4·3-6 Ap '61.

The 20th century is the age of the triumph of communism [with summary in English, p. 184] TS. A. Stepanian Vop filos. 15 no. 7·25-16 '61

Victory of Lenin's ideas. V. Novozhinin and others. Sov. profsoiuzy 17 no 16;8-9 Ag '61

Vishnev, S. M. [Two systems and two results; a new stage in the economic competition of socialism and capitalism] Dve sistemy - dva itoga, novyi etap ekonomicheskogo sorevnovaniia sotsializma i kapitalizma. Moskva, Izd-vo "Znanie," 1961. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii, Ser. 3, Ekonomika, no. 12)

The voice of the party is the voice of our people Kommunist 38 no 13 3-8 S '61.

Wages and public consumption funds. B. Sukharevskii. Vop. ekon no 8:35-48 Ag '61

We are the builders of communism V Papinashvili. Kommunist 38 no. 13·83-84 S '61

We have a common goal. Nauka i zhyttia 11 no. 5 28 My '61.

The world in 20 years. S. Strumilin. Kommunist 38 no. 13:25-36 S '61.

The world press comments on the proposed program of the CPSU Kommunist 38 no. 12;110-117 Ag '61.

COMMUNISM—BIBLIOGRAPHY see Bibliography—Communism

COMMUNISM AND ART

Kommunisticheskaia partiia Sovetskogo Soiuza. TSentral'nyi Komitet. [Materials of a discussion devoted to the decision of the Central Committee of the CPSU of May 28, 1958, "Correcting the wrong evaluation of the operas 'Great friendship,' 'Bogdan Khmel'nitskii,' and 'With all our hearts'"] Postanovlenie TsK KPSS ot 28 maia 1958 goda "Ob ispravlenii oshibok v otsenke oper "Velikaia druzhba," "Bogdan Khmel'nitskii" i "Ot vsego serdtsa"; materialy obsuzhdeniia. Moskva, Sovetskii kompositor, 1958. 62 p.

COMMUNIST COUNTRIES—ARMED FORCES

We should strengthen our friendly ties with the peoples and armies of communist countries A. Korkeshkin. Komm. Vooruzh. Sil 1 no. 13;79-84 Jl '61.

COMMUNIST COUNTRIES—DIVISION OF LABOR

International socialist division of labor and the coordination of long-term plans; review od periodicals of the European socialist countries. E. Orlova. Plan. khoz. 38 no. 8:87-92 Ag '61.

COMMUNIST COUNTRIES—ECONOMIC CONDITIONS

The great achievements of socialism. Blok. agit. [Sov. Armii] no. 20;38-41 Jl '61.

"Laws of the economic development of the world socialist system" by I. Vereshchagin, V. Rybalkin. Reviewed by B. Maroshnichenko. Vop. ekon. no. 8;130-134 Ag '61.

The monograph "International division of labor under socialism" by G. Popiskov. Reviewed by V. Rybalkin. Vnesh. torg. 41 no. 7:44-45 '61.

COMMUNIST COUNTRIES – ECONOMIC CONDITIONS (Continued)

New stage in the development of the world system of socialism S Stepanov, G Kalita Vnesh torg 41 no 7 3-10 '61

The time of great achievements, a review K Komarov, Agitator no 15 10-19 Ag '61

COMMUNIST COUNTRIES—ECONOMIC POLICY

International socialist division of labor and the coordination of long-term plans, review of periodicals of the European socialist countries E Orlova Plan. khoz 38 no 8 87-92 Ag '61

COMMUNIST COUNTRIES—FOREIGN ECONOMIC RELATIONS

The division of labor in the world system of socialist economy E L Bondarenko Vest Mosk un Ser 8 Ekon , filos 16 no 4 13-24 Jl-Ag '61

COMMUNIST COUNTRIES—INDUSTRIAL MANAGEMENT

Problems in perfecting industrial management, G Gertsovich, R. Evstigneev Vop. ekon no 7 80-89 Jl '61.

COMMUNIST COUNTRIES—POLITICS

[Supreme organs of government in the people's democracies, a collection of legal enactments] Vysshie organy gosudarstvennoi vlasti stran narodnoi demokratii, sbornik normativnykh aktov. Moskva, Gos. izd-vo jurid lit-ry.

No 2. [The countries of Asia] Strany Azii Obshchaia red. L. M. Gudoshnikova. 1961. 125 p.

COMMUNIST EDUCATION

(see also subdivision under Kazan; Riga)

Education of the new man. I. I Matveenkov. Vop filos. 15 no 7 151-156 '61.

Guiding power of the pedagogical staff in boarding schools Z D Illiashenko Rad shk 40 no 5 51-58 My '61

Ideological and political education of children E Maksimova Shkola-int no 3 54-58 My-Je '61

Idcological and political training of Pioneers A IA. Rozenberg. Rad shk 40 no 5 59-61 My '61

Political education and life G Zhabitskii Bibliotekar' no. 8 29-33 Ag '61

Zenov, M. S. [Training students in the revolutionary and labor traditions of the Soviet people] Vospitanie uchashchikhsia na revoliutsionnykh i trudovykh traditsiiakh sovetskogo naroda. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 98 p.

COMMUNIST ETHICS

Baskin, M. P. [What philosophy is] Chto takoe filosofiia. Izd. 2., dop. [Moskva] Mosk. rabochii, 1958. 70 p. (Obshchedostupnaia biblioteka po filosofii) (IEN)

Communism and the formation of the new man. A. Milovidov Komm. Vooruzh Sil 1 no 13,16-24 Jl '61

Education of the new man. I. I Matveenkov. Vop. filos. 15 no 7 151-156 '61.

Kon, I. S. [Communist morals and bourgeois morals] Moral' kommunisticheskaia i moral' burzhuaznaia. Moskva, Gospolitizdat, 1960. 70 p. (Bibliotechka agitatora, no. 17) (MH)

Levykin, I. T. [On communist morals] O kommunisticheskoi nravstvennosti. [Orel] Orlovskoe knizhnoe izd-vo, 1960. 48 p. (MH)

Sorokin, K. F., comp. [For the employment of Lenin's style in work] Za leninskii stil' v rabote, sbornik statei. Kiev, Gospolitizdat, USSR, 1960. 189 p. (MH)

COMMUNIST PARTY see subdivision under Argentina; China, Czechoslovakia; Germany, Germany, West; Mongolia; Rumania, United States

COMMUNIST PARTY—CONGRESSES

Communist Party of Great Britain. Congress. 25th, 1957. [Materials] Materialy. Moskva, Gos. izd-vo polit. lit-ry, 1958. (Dokumenty i materialy zarubezhnykh kommunisticheskikh i rabochikh partii) (NNC)

COMMUNIST PARTY OF THE SOVIET UNION

(see also subdivision under Dnepropetrovsk; Kazakhstan, Serdobsk District; Tatar A. S. S. R., Ukraine)

How the CPSU struggled against right-wing opportunists during the large scale offensive of socialism on a wide front I. A. Sizykh Shor st Irk VPSH no 1;43-70 '59.

In the spirit of high-principled criticism and self-criticism. S. Ivanov Part. zhizn' no. 15/16 134-136 Ag '61.

Let the party and the Soviet people discuss these drafts. Part zhizn' no 15/16;97-103 Ag '61.

An organizational weapon of the party in its struggle for the victory of communism. Kommunist 38 no 12; 18-25 Ag '61.

The organs of party control should be independent S Vorontsov Kommunist 38 no 13 85-87 S '61

The party of those who build communism [with summary in English, p 184] V V Platkovskii Vop filos 15 no 8 15-27 '61

[Plenum of the Central Committee of the Communist Party of the Soviet Union, January 10-18, 1961, verbatim report] Plenum TSentral'nogo Komiteta Kommunisticheskoi partii Sovetskogo Soiuza, 10-18 ianvaria izd-vo polit. lit-ry, 1961. 647 p.

Proposed statutes and the development of party democracy F Surgunov Kommunist 38 no 13 57-60 S '61

Proposed statutes of the Communist Party of the Soviet Union Komm Bel 35 no 8 85-100 Ag '61

Proposed statutes of the Communist Party of the Soviet Union, Komm. Mold. 6 no 8 81-94 Ag '61.

Proposed statutes of the Communist Party of the Soviet Union, Komm. Ukr. 37 no. 8 79-92 Ag '61.

Proposed statutes of the Communist Party of the Soviet Union Komm Vooruzh Sil 1 no 16 3-18 Ag '61

Proposed statutes of the Communist Party of the Soviet Union Kommunist 38 no 12;3-17 Ag '61

[Proposed statutes of the Communist Party of the Soviet Union] Kommunisticheskaia partiia Sovetskogo Soiuza. Ustav (Proekt). Moskva, Gos. izd-vo polit. lit-ry, 1961. 29 p.

Proposed statutes of the Communist Party of the Soviet Union Part zhizn' no 15/16;82-96 Ag '61

A secretary who has relieved himself from his official duties V Tolstov. Part zhizn' no 15/16;141-143 Ag '61

Suggested amendments of the proposed statutes of the CPSU Kommunist 38 no 13 89-91 S '61

What are the functions of the secretaries of military party organizations? Komm Vooruzh Sil 1 no 13,85-88 Jl '61

COMMUNIST PARTY OF THE SOVIET UNION—CONGRESSES

Let's greet the 22d Congress of the Communist Party of the Soviet Union Vest stat no 7 3-8 '61

Our endeavors for the congress Starsh -serzh. no 2; 2 F '61

Pages of a diary, Vera Ketlinskaia Znamia 31 no 8 104-115 Ag '61

Program of life, R. Borisova. Smena 38 no. 14-1-2 Jl '61.

COMMUNIST PARTY OF THE SOVIET UNION—CONGRESSES—BIBLIOGRAPHY see Bibliography—Communist Party of the Soviet Union—Congresses

COMMUNIST PARTY OF THE SOVIET UNION—MEMBERSHIP see subdivision under Ukraine

COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

(see also subdivision under Bazarnyy Karabulak; Donets Basin; Kazakhstan; Mamiyutka District; Moldavia; Moscow; Rybinsk, Saratov Province; Ukraine; Voronezh Province)

Il'iash, N. M. Problems of party structure during the period of the advance of socialism on all fronts, 1929-1932] Nekotorye voprosy partiinogo stroitel'stva v period nastupleniia sotsializma po vsemu frontu; 1929-1932 gody Kishinev, Gos. izd-vo "Kartia moldoveniaske," 1961. 80 p.

Introductory article to the section "A study group of propagandists Agitator no 15;26 Ag '61

The leaders of workers. D. Svanadze. Part. zhizn' no. 15/16;132-134 Ag '61.

Measures were taken Part.zhizn' no 15/16;158 Ag '61

Murav'ev, S. P., and E. M. Bykovskii. [Links between propaganda and practical work; new forms of propaganda among the masses; experience of the Communists who work at the tool shop of the First Bearing Plant] Sviaz' agitatsii s praktikoi; novye formy agitatsii v massakh. Opyt kommunistov instrumental'nogo tsekha 1-go Gosudarstvennogo podshipnikovogo zavoda. [Moskva] Mosk. rabochii, 1961. 61 p.

[Party control in action; from the experience of committees to effect control of party organizations over administrative operations] Partiinyi kontrol' v deistvii; iz opyta raboty komissii partorganizatsii po osushchestvleniiu prava kontrolia delatel'nosti administratsii. [Moskva] Mosk. rabochii, 1961. 123 p.

Party news. Part. zhizn' no.15/16;159-160 Ag '61.

Posters summon to new achievements. M. Kalakova. Part. zhizn' Kazakh. 31 no. 7;47-49 Jl '61.

The struggle for grain; advice to rural propagandists. Agitator no. 15;27-30 Ag '61.

[Struggle of the CPSU for completing the building of socialism, 1953-1958; documents and materials] Bor'ba KPSS za zavershenie stroitel'stva sotsializma, 1953-1958 gody; dokumenty i materialy. Moskva, Gos. izd-vo polit. lit-ry, 1961. 695 p.

The unquenchable sorrows of anticommunism. Nov. vrem. 19no.34;4-5 Ag '61.

COMMUNIST REVISIONISM

Davidziuk, H. [Leninism is a sharp weapon in the struggle against revisionism] Leninizm, vostraia zbroia barats'by z revizlianizmam. Minsk, Dzierzh. vyd-va BSSR, 1960. 55 p. (MH)

Suvorov, L. N. [How the Marxist-Leninist philosophy of the U. S. S. R. struggled against bourgeois ideology and revisionism during the transition from capitalism to socialism] Bor'ba marksistsko-leninskoi filosofii v SSSR protiv burzhuaznoi ideologii i revizionizma v perekhodnyi period ot kapitalizma k sotsializmu [Moskva] Izd-vo Mosk. univ., 1961. 124 p.

A theoretical conference at an industrial plant A Litarenko Vest Mosk. un. Ser 8 Ekon , filos 16 no 4 88-91 Jl-Ag '61.

COMMUNIST STATE

Discussing the problem of the correlation of the soviet state and law A. S. Pigolkin, V A Patiulin Sov gos i pravo 31 no 8 139-141 Ag '61

[From the socialist state to communist communal self-government, papers delivered at the conference organized by the Moscow City Committee of the CPSU, the Institute of Philosophy, and the Institute of the State and Law of the Academy of Sciences of the U. S. S. R. in Moscow, July 7-8, 1960] Ot sotsialisticheskoi gosudarstvennosti k kommunisticheskomu obshchestvennomu samoupravleniiu; trudy nauchnoi konferentsii, provedennoi Moskovskim gorodskim komitetom KPSS, Institutom filosofii i Institutom gosudarstva i prava Akademii nauk SSSR v g. Moskve 7-8 iiulia 1960 g. Moskva, Izd-vo Akad. nauk SSSR, 1961. 346 p.

The problems of government in the proposed program of the CPSU F Burlatskii Kommunist 38 no 14 97-104 S '61

COMMUNIST YOUTH LEAGUE

(see also subdivision under Saratov Province, South Ossetian Autonomous Province, Tatar A. S. S. R., Ukraine)

All soldiers should follow the example of "Bearer lights." E. Lavrent'ev. Blok. agit. [Sov. Armii] no. 17 16-19 Je '61.

The Communist Youth League commits its members to work in distant regions. Blok. agit. [Sov. Armii] no. 17 44-46 Je '61.

The Communist Youth League is the faithful and staunch helper of our party. Blok. agit. [Sov. Armii] no. 17 9-11 Je '61.

Communist Youth League rings the alarm Smena 38 no 15-12-13 Ag '61.

Deciding the fate of a friend . Smena 38 no 15 14 15 Ag '61

Each Communist Youth League should actively participate in public life. V Prudnikov. Komm Vooruzh Sil 1 no. 13 62-64 Jl '61

Establishment of a challenge Red Banner by the Moscow City Committee of the Communist Youth League. Vest. protivovozd. obor. no. 4 7 Ap '61.

If you do it only for yourself .. Stanislav Popov Smena 38 no 15 10-11 Ag '61.

In the same rank as the Communist Youth League G Fedorovich Bibliotekar' no 8 33-34 Ag '61.

Leaders, initiators, organizers. S. Rat'kova. Shkola-int no. 3 39-45 My-Je '61.

Let's train the man of the future L. Bodnarchuk Shkola-int no 2.41-45 Mr-Ap '61.

More attention to the political education of youth. A Slavskii Komm. Vooruzh. Sil 1 no. 14;56-58 Jl '61.

Nonsalaried instructors work among the members of the Communist Youth League. V. Lazherenko Komm Vooruzh. Sil 1 no. 1;68-71 O '60

Organizing role of the Communist Youth League activist group in a school. M. K. Dushkina. Sov pedag 25 no. 7;75-81 Jl '61.

Our ranks are growing. E. Chernitsa. Smena 38 no 15;9 Ag '61.

Solemn promise of a Communist Youth Leaguer. K. Nikolaenko. Blok. agit. [Sov. Armii] no. 17 37-39 Je '61.

Their names are listed in the Communist Youth League "honor book." Alla Cherepanova. Blok. agit. [Sov. Armii] no. 17 20-22 Je '61.

We are efficiently carrying out the decisions of the conference. B. Lisitchuk. Blok. agit. [Sov. Armii] no. 21;7-9 Jl '61.

We are responsible for the maintenance of discipline. N. Petrakov. Blok. agit. [Sov. Armii] no. 17;12-13 Je '61.

We are the young builders of communism; here are our deeds, our contribution to the peaceful competition with capitalism. Tekh. mol. 29 no. 6;12-14 '61

We learn to work and live as our Ilich did. F. Strel'tsov. Blok. agit. [Sov. Armii] no. 16 21-24 Je '61.

We should carry our obligations in the communist way. A. V. Makridin. Blok. agit. [Sov. Armii] no. 17 2-3 Je '61.

We summon the soldiers who belong to the Communist Youth League to glorious deeds. Blok. agit. [Sov. Armii] no. 21;1-6 Jl '61.

COMMUNIST YOUTH LEAGUE—FICTION

Babkets, A. I. [Comrades in the struggle, stories about the Communist Youth League] Tovarishchi v boi'be, rasskazy o komsomol'skoi iunosti. [Moskva] Molodaia gvardiia, 1959. 206 p.
(CSL-R)

COMMUNISTS

Communists are the tireless warriors of the party. Komm. Vooruzh. Sil 1 no 1 5-10 O '60

COMMUNISTS IN LITERATURE AND ART

Datsenko, B. IE. [The image of the Communist in Soviet Ukrainian dramaturgy and on the stage; lecture materials] Obraz komunista v ukrains'kii radians'kii dramaturgii i na stseni; materialy do lektsii. Kyiv, 1959. 27 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 14, no 6)
(MJI)

COMMUNITY AND SCHOOL
(see also subdivision under Kirovograd Province; Orenburg Province)

When all take care of the children. Sem'ia i shkola 16 no 5:8-9 My '61

When work improves a group. P. Kuznetsov. Shkola-int. no. 3 33-34 My-Je '61.

COMMUNITY CENTERS
(see also subdivision under Magadan Province; Suvorov District)

Improve the ideological and political level of club work. V. Sisnev. Sov. profsoiuzy 17 no. 14 10-12 Jl '61.

COMMUNITY CENTERS, MOBILE see subdivision under Crimea

COMMUTATION (ELECTRICITY)

Effect of the field of the main poles on the commutation of d. c. machines. V. P. Tolkunov. Izv. vys. ucheb. zav., elektromekh. 4 no 5 35-43 '61

Special features of generating reactive power using artificial commutation circuits. B. A. Metelkin. Elek. zhel. dor. no. 3 103-116 '61

Use of the Hall transducers for measuring the parameters of the commutating field of d. c. machinery. V. V. Magidson, I. S. Mendelev, V. IU. Chudnovskii. Izv. vys. ucheb. zav., elektromekh. 4 no. 3:102-108 '61

Use of the Hall transducers in the study of the commutational reaction of the armature in d. c. machinery. V. A. Lifanov, A. G. Dorm. Izv. vys. ucheb. zav., elektromekh. 4 no. 3:109-115 '61.

Vegner, O. G. [Theory and practice of commutation in d. c. machinery] Teoriia i praktika kommutatsii mashin postoiannogo toka. Moskva, Gos. energ. izd-vo, 1961. 271 p.

COMPETITION, INTERNATIONAL

"Competition in the year 2000. Our future: Paradise on earth or self-destruction of mankind" [in German] by Fritz Baade. Reviewed by V. Smolianskii. Mir. ekon. i mezhdunar. otn. no. 8:143-146 Ag '61.

Economic competition between socialism and capitalism. N. Filimonov. Kul't i zhizn' 5 no 7,2-4 '61

The present stage of economic competition of the U. S. S. R. with the principal capitalist countries. A. Notkin. Vop. ekon. no 7:7-22 Jl '61.

The Soviet Union in 1980. A. Alekseev. Nov. vrem. 10 no 35 5-7 Ag '61

Vishnev, S. M. [Two systems and two results; a new stage in the economic competition of socialism and capitalism] Dve sistemy - dva itoga, novyi etap ekonomicheskogo sorevnovaniia sotsializma i kapitalizma. Moskva, Izd-vo "Znanie," 1961. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, Ekonomika, no. 12)

COMPLEMENT FIXATION

Complement fixation reaction in toxoplasmosis. G. A. Orlov. Lab. delo 7 no. 6:48-49 Je '61.

Effect of nonspecific stimuli of the chorioallantoic membrane on the results of the complement fixation reaction [with summary in English]. Z. I. Merekalova, F. I. Lefkina. Vop. virus. 7 no. 3:360-363 My-Je '61.

Incidence of discovery of antibodies to adenoviruses in healthy subjects and those with different diseases based on complement fixation data [with summary in English]. V. I. Marchenko, N. L. Pinegina, N. A. Matveeva. Vop. virus. 7 no. 3:357-360 My-Je '61.

COMPLEMENTS (IMMUNITY)

Interrelation of specific antibodies with the ornithosis virus in the body of a monkey. V. I. Chervonskii. Vop. virus. 6 no 5:622-624 S-O '60.

COMPLEX COMPOUNDS

Calculation of the stability or solubility of complex compounds in colored solutions from photometric data [with summary in English]. K. P. Kleiner. Zhur. fiz. khim. 34 no. 2:415-422 F '60.

Interference of atoms in coördinated inner spheres. IA. D. Fridman. Zhur. neorg. khim. 6 no. 7:1501-1512 Jl '61.

Investigation of complex formation in nonaqueous solutions. Part 3. Determination of the thermodynamic characteristics of the systems water - tributyl phosphate - benzene, and water - butyl acetate - benzene. A. A. Chaikhorskii and others. Radiokhimiia 3 no 3 295-301 '61

Study of complexing in nonaqueous solutions. Part 4. Temperature variation method. A. A. Chaikhorskii. Radiokhimiia 3 no. 1 410-417 '61.

Study of complexing in nonaqueous solutions. Part 5. Hydration of trifluoroacetate nitrate in benzene. V. M. Vdovenko, B. IA. Galkin, A. A. Chaikhorskii. Radiokhimiia 3 no. 1:148-154 '61.

COMPLEXES

Vector sets of submanifolds in the theory of paired complexes in P_3. D. T. Ivlev. Dokl. AN SSSR 139 no 3 538-540 Jl '61

COMPOSERS

Stupel', A. M., and V. IA. Trainin. [Amid books on music, reading matter on Russian composers] Sredi knig o muzyke, chto chitat' o russkikh kompositorakh. Leningrad, Gos. muzykal'noe izd-vo, 1960. 61 p. (Biblioteka muzykal'nogo samoobrazovaniia)

COMPOSERS—CORRESPONDENCE, REMINISCENCES, ETC

Chaikovskii, Petr Il'ich. [Complete collected works] Polnoe sobranie sochinenii. Moskva, Gos. muzykal'noe izd-vo.
Vol. 6. [Literary works and correspondence] Literaturnye proizvedeniia i perepiska. Tom podgotovlen N. A. Viktorovoi i B. I. Rabinovichem. 1961. 396 p.

COMPOSITAE

Localization and quantitative content of carotinoids of highly productive forms of Calendula officinalis [with summary in English]. L. G. Andreeva. Apt. delo 10 no. 3:46-49 My-Je '61.

Remote hybridization of plants of the composite family by previous vegetative crossing. I. A. Rutskii, G. S. Kanevskaia. Agrobiologiia no. 4 621-622 Jl-Ag '61.

COMPOUND E see Cortisone

COMPRESSED GAS see Gases, Compressed

COMPRESSED WOOD see Wood, Compressed

COMPRESSIBILITY

Effect of substituting deuterium for hydrogen on the velocity of sound and the compressibility of liquids [with summary in English]. I. B. Rabinovich. Zhur. fiz. khim. 34 no. 2:423-431 F '60

Method for determining the shock adiabatic curves of disperse substances. A. N. Dremin, I. A. Karpukhin. PMTF no. 3 184-189 S-O '60.

COMPRESSORS

Carrying capacity of the input cross section of a centrifugal compressor stage. K. F. Slupital'nikov. Energomashinostroenie 7 no 6 23-24 Je '61.

Operation of a compressor unit in a gas turbine system. V. V. Konsetov. Energomashinostroenie 7 no. 6 19-22 Je '61

We are improving compressors. A. Gusein, T. Abramian. Neftianik 6 no 7,20-21 Jl '61

COMPULSORY EDUCATION see Education, Compulsory

CONCENTRATION CAMPS
(see also subdivision under Germany)

Kniazhyns'kyi, Antin. [In the land of slavery] V kraini nevoli. Munich, "Khristiians'kyi holos," 1957. 69 p. (InU)

CONCRETE

Akademiia stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Provisional instructions VU-17-59/NIIOMTP for the heat and moisture treatment of reinforced concrete and concrete articles in pressureless chambers] Vremennye ukazaniia po termovlazhnostnoi obrabotke zhelezobetonnykh i betonnykh izdelii v beznaporynykh kamerakh. VU-17-59/NIIOMTP. Moskva, Biuro tekhn. informatsii, 1959. 21 p.
[MICROFILM]

General formula for the strength of concrete and its particular expressions. I. N. Akhverdov. Sbor. nauch. rab. Inst. bud. i arkhit. AN BSSR no. 3:71-82 '60.

In the Institute for Concrete and Reinforced Concrete. S. Zhuravleva. Na stroi. Ros. no. 5:3 of cover My '61.

Obtaining building articles form mortar blends by dynamothermic action. O. E. Kozoleva, M. G. Tolochkova. Stroi. mat. 7 no 6:35-37 Je '61.

Optimum compositions of fine-grained cementless concretes made of ferrous waste rock. G. I. Knigina. Stroi. mat. 7 no. 6 15-18 Je '61.

Physicochemical mechanics is the scientific basis for the best techniques in concrete and reinforced concrete. N. Mikhailov, P. Rebinder. Sov. arkhit. no. 12:95-102 '60.

Planning and designing particularly heavy and hydrate concretes. G. M. Kuzovlev. Bet. i zhel.-bet. no. 7: 312-315 Jl '61.

CONCRETE—COLD WEATHER CONDITIONS

"Cold" concreting. V. Sizov. Stroitel' no 2,27-29 F '61

CONCRETE—MAINTENANCE AND REPAIR see subdivision under United States

CONCRETE—TESTING

Method of testing concrete without crushing it. N. A. Krylov, K. A. Glukhovskii. Bet. i zhel.-bet. no 7 319-323 Jl '61

Nondestructive method of determining the strength of concrete. M. IU. Leshchinskii. Izv. AS1A no 1 48-55 '61

Resistance of coarsely porous concrete to the force of impact. V. A. Shmidt, N. A. Ivanchikov. Izv. AN Turk. SSR Ser. fiz.-tekh., khim. i geol. nauk no 3 48-52 '61

Some problems in designing devices for measuring deformations and stresses in concrete. V. G. Orekhin, A. L. Medovikov. Sbor. trud. MISI no. 32 58-66 '61

CONCRETE—TRANSPORTATION

Podbotskii, L. E. [Pneumatic transportation of concrete mix by pipes] Pnevmotransport betonnoi smesi po trubam. Leningrad, 1961. 22 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Serlia Stroitel'naia promyshlennost', no. 6)

CONCRETE, AIR-ENTRAINED see Air-entrained concrete

CONCRETE, LIGHTWEIGHT see Lightweight concrete

CONCRETE, PRECAST see Precast concrete

CONCRETE, PRESTRESSED see Prestressed concrete

CONCRETE, REINFORCED see Reinforced concrete

CONCRETE BLOCKS

Manufacture of wall blocks from coquina and concrete. O. Birilev. Sel'. stroi. 16 no. 6,23 Je '61

CONCRETE BRIDGES see Bridges, Concrete

CONCRETE COLUMNS see Columns, Concrete

CONCRETE CONSTRUCTION

Placing plastic concrete made with the "FA" monomer to protect hydraulic structures from destruction. B. I. Minkevich, V. N. Fedin. Gidr. i mel. 13 no. 7 35-39 Jl '61.

Study of the effect of thermal action on the quality of contact joints between a slab or shell and a concrete structure. V. G. Orekhov. Sbor. trud. MISI no 32 19-57 '61

CONCRETE CONSTRUCTION—COLD WEATHER CONDITIONS see subdivision under Volga Hydroelectric Power Station

CONCRETE CONSTRUCTION—ESTIMATES

Deviation of the actual height of concrete from the calculated height. M. A. Abdinov. Izv. AN Azerb. SSR Ser. fiz.-mat. i tekh. nauk 2 109-111 '61

CONCRETE CONSTRUCTION—FORMWORK

Cheap lubricant for molds. Sel'. stroi. 16 no. 6:26 Je '61.

Movable metal forms. K. Zazerskii. Na stroi. Ros. no. 5:27 My '61.

CONCRETE CONSTRUCTION, PRECAST see Precast concrete construction

CONCRETE PILING

Using vibration-driven concrete piles for foundations of apartment houses. E. M. Perlei, A. M. Rukavtsov. Osn., fund. i mekh. grun. 3 no. 3, 23-24 '61.

CONCRETE PIPE see Pipe, Concrete

CONCRETE PLANTS
(see also subdivision under Vladivostok)

Automation of an asphalt concrete plant. N. M. Mikonenko and others. Avt. dor. 24 no. 6,17-19 Je '61.

Reinforced concrete article plants for interfarm building organizations and state farms. V. A. Girskii, N. N. Davydov. Stroi. i dor. mash. 6 no. 7 20-24 Jl '61.

CONCRETE PLANTS—EQUIPMENT AND SUPPLIES

Assortment of serial equipment for reinforced concrete articles plants. Stroi. i dor. mash. 6 no 6:36-37 Je '61

CONCRETE PRODUCTS

Akademiia stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Structural elements made of lean concrete] Stroitel'nye konstruktsii iz otlochennogo betona. Moskva, 1959. 15 p.
[MICROFILM]

CONCRETE REINFORCEMENT
(see also subdivision under Moscow; Zaporozh'ye)

Anchoring reinforcement with terminal nodes. L. V. Zakharov, D. Kh. Mul'tatuli. Bet. i zhel.-bet. no. 6: 264-268 Je '61

CONCRETE REINFORCEMENT (Continued)

Determining stress in round reinforcement N A Pikulev. Bet i zhel -bet no 6-266-268 Je '61

Electrothermal stressing of reinforcement. Na stroi Ros. no. 6 1-5 Je '61.

Formulas and working method for designing prestressed metallic elements which affect axial stretching M V Lepevhin. Izv. vys ucheb zav , stroit i arkhit 4 no 3:165-172 '61

Mesh and bar reinforcement L G Kurbatov Stroi i arkhit Len 23 no 7 18 Jl '61

Possibility of using glass reinforced plastics as reinforcement for concrete articles A B Golyshev, A. A. Mil'to Izv vys ucheb zav , stroi i arkhit 4 no 3: 25-32 '61.

Reed reinforcement for concrete building details A. D Kompaniets Stroi mat 7 no 7 12-13 Jl '61

Reinforcement made of high-strength wire with a double profile M. M. Kholmianskii and others Bet i zhelbet. no 6 257-261 Je '61

Rigidity losses of steel elements under prestressing. B. I. Betiaev. Prom. stroi. 39 no. 7 15-18 '61.

Supply of steel wire for prestressed concrete elements in 1961. Biul. stroi. tekh 18 no. 6 15 Je '61.

Unit for producing spiral rings Transp stroi. 11 no 7: 53 Jl '61.

CONCRETE REINFORCEMENT—EQUIPMENT AND SUPPLIES

Resonance device S M Iiskovich Mekh stroi 18 no. 5. 25-26 My '61.

CONCRETE REINFORCEMENT—WELDING

Welding reinforcement rods by friction Stroi i arkhit Len 23 no 7 37 Jl '61.

CONCRETE ROADS see Roads, Concrete

CONCRETE ROOFING see Roofing, Concrete

CONCRETE SEWERS see Sewers, Concrete

CONCRETE SLABS
(see also subdivision under Tashkent)

Akademiia budivnytstva i arkhitektury URSR, Instytut vprovadzhennia peredovoho dosvidu v budivnytstvo i tekhnichnoi informatsii. [Manufacture of prestressed hollow floor slabs] Izgotovlenie predvaritel'no napriazhennykh pustotnykh panelei perekrytii. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 11 p.

Dubinskii, A. M. [Calculating the bearing capacity of reinforced-concrete slabs] Raschet nesushchei sposobnosti zhelezobetonnykh plit. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 180 p.

Experimental physicomechanical studies of the roofs of high temperature shops with precast reinforced concrete slabs S V. Distkov. Izv. vys uchob zav , stroi i arkhit. 4 no. 3 53-70 '61,

Improve the manufacture, storage, and assembly of continuous vibration rolled panels Stroi. i arkhit. Mosk. 10 no 6 36 Je '61

Study of square reinforced concrete slabs under the influence of eccentric stretching in two directions. L P. Zhdakhin. Trudy Ural. politekh. inst. no. 110:35-41 '61.

CONCRETE SLABS—*TESTING*

Rigidity of reinforced concrete slabs fastened to a flexible circumference. D. Zgorskii Stroi i arkhit 9 no. 6 31-33 Je '61.

CONCRETE WALLS

[illegible] ings.

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CONDITIONED RESPONSE

Automatic control for a conditioned reflex chamber. K. I. Goroshchenia, D V. Lizogubov, M. I. Nikoforov Zhur. vys nerv deiat 11 no 3 561-565 My-Je '61

Characteristics of conditioned defense connections in decorticate pigeons [with summary in English]. L A. Militsina Zhur vys nerv. deiat 11 no. 3:552-556 My-Je '61

Comparative data from a repeated study of typological features of higher nervous activity in monkeys [with summary in English]. L. N Norkina Zhur. vys. nerv deiat 11 no 3 441-449 My-Je '61.

Conditioned reflex reproduction of the effect of novurit and nitroglycerin in patients with cardiac decompensation, hypertension, and coronary insufficiency [with summary in English]. J Simonyi Zhur. vys. nerv. deiat 11 no 3, 425-431 My-Je '61

Conditioned response in sheep to the thermal irritation of skin M. F Volkoboi, M P. Shcherban' Visnyk sil'hosp nauky 1 no 8 119-121 Ag '61

Effect of prolonged action of conditioned stimuli previously combined with X irradiation on the leucocyte and lymphocyte content of peripheral blood N. N. Livshits, E S Meizerov Radiobiologiia 1 no 2:223-226 '61.

Effect of the intensity of conditioned stimuli on the limit of retarded inhibition. N. L. Gol'dfarb. Vestsi AN BSSR Ser. biial. nav no. 2, 64-68 '61

Effect of the removal of the adrenal substantia medullaris on conditioned reflex regulation of cardiac activity and respiration in cats during ontogenesis [with summary in English]. M. I. Akovleva. Fiziol. zhur. 46 no. 3:291-298 Mr '60.

Elaboration of fine acoustic differentiations without special reinforcement [with summary in English] N P. Paramonova. Zhur vys nerv. deiat. 11 no. 3: 408-411 My-Je '61.

Electroencephalographic expression of tonic forms of activity of the cerebral cortex during conditioned reflex activity [with summary in English]. G. T Sakhiulina. Zhur vys. nerv deiat 11 no 3 450-462 My-Je '61

Electrophysiological analysis of the activity of different layers of the cerebral cortex during the formation of a conditioned reflex [with summary in English]. M. IA Rabinovich. Zhur. vys. nerv. deiat. 11 no. 3 463-473 My-Je '61

Features of the formation of gradual motor conditioned reactions in man and their significance for an analysis of optical stimuli [with summary in English]. V. G. Samsonova. Zhur. vys nerv. deiat 11 no. 3 402-407 My-Je '61

Features of vascular conditioned reflexes in puppies [with summary in English]. R. R Ovakimian Zhur. vys. nerv deiat. 11 no 3 500-503 My-Je '61.

Formation of retarded conditioned electric defense reflexes in dogs V A. Adamovich-Herasimau Vestsi AN BSSR. Ser biial. nav no. 2 58-63 '61

Formation of symmetrical differentiation to light stimulus [with summary in English] T. E Kolosova. Zhur. vys nerv. deiat 11 no 3:482-487 My-Je '61.

Nonextinction of conditioned motor-defense reflexes in dogs [with summary in English] E. V. Marukhanian. Zhur. vys. nerv deiat. 11 no. 3:474-481 My-Je '61.

Physiological mechanisms of motor habits [with summary in English]. L. G. Voronin. Zhur. vys. nerv. deiat. 11 no. 3 385-393 My-Je '61.

Registration of conditioned and unconditioned motor reactions in animals during ontogenesis with the aid of a carbon recorder. V. I. Kobysh, G. M. Nikitina. Zhur. vys nerv. deiat. 11 no. 3:557-560 My-Je '61.

Respiratory and vascular reflex changes during the formation of positive and negative conditioned reflexes [with summary in English]. A. A. Rogov, T. T. Gorlateva. Fiziol. zhur. 46 no. 3:284-290

[illegible] of the motor analyser in the establishment of conditioned motor food reflexes of a tonic [illegible] E. Ioffe. Dokl. AN SSSR 139 no. 1:

[illegible] conditioned respiratory reflexes [illegible] y in English]. L. A. Toporkova. 11 no. 3:522-526 My-Je '61.

[illegible] nena in man under normal and [illegible] is [with summary in English]. [illegible] vys. nerv. deiat. 11 no. 3:415-421

[illegible] king reflexes in patients with [illegible] presence of depressive syndrome [illegible] glish]. G. S. Sokolova. Zhur. vys. 422-424 My-Je '61.

[illegible] sometimes? A. N. Znamenskaia. 7:83-87 Jl '61.

[illegible] SE—CONGRESSES

[illegible] er nervous activity of man. L. B. [illegible] nerv. deiat. 11 no. 3: 566-569

[illegible] not alone in this world!] Ty ne [illegible] ki publitsista. Moskva, Gos. 961. 69 p. (Vremia i liudi; iz [illegible] oskoi morali)

Doronina, A. A. [*On true beauty; talks with members of* brigades of communist labor] O nastoiashchei krasote, besedy s chlenami brigad kommunisticheskogo truda [Riazan'] *Riazanskoe knizhnoe izd-vo, 1960.* 160 p.

Owners of a fox nursery. S. Korol'kov. Sov. profsoiuzy 17 no. 15 11-45 Ag '61.

This is not a personal matter. V. Aleksandrov. Sov. profsoiuzy 17 no. 15 26 Ag '61

CONDUCTIVITY, ELECTRIC see Electric conductivity

CONFECTIONERY

Investigation of the radiation-convection method *for drying* fruit paste and jellies. I. A. Cmbik. Khleb. i kond. prom. 5 no. 6:17-19 Je '61.

Problems of industry in the third year of the seven-year plan. Khleb. i kond. *prom. 5 no. 6* 1-3 Je '61

Suggestions and consultations. Khleb. i kond. prom. 5 no. 7:44-45 Jl '61.

CONFECTIONERY—BIBLIOGRAPHY see Bibliography—*Confectionery*

CONFLICT OF LAWS

The problems of private international law in the mutual relations of socialist states A. R. Sov. gos i pravo 31 no 2:140-141 F *'61.*

CONFORMAL MAPPING

Isometric imbedding of a two-dimensional Riemann manifold homeomorphous to a sphere into a three-*dimensional* Riemann space. A. V. Pogorelov. Dokl AN SSSR 139 no. 4:818-820 Ag '61

Order of the best approximation of functions determined on a continuum by means of linear aggregates derived from the elements of a continued base M M Dzhrbashyan. Dokl. AN SSSR 139 no. 3:526-530 Jl '61.

Ribeaucourt transformation in conformal geometry. V A. Tikhonov. *Izv. vys. ucheb. zav. ; mat. no. 3,*(70)-147 '61.

CONGO, REPUBLIC OF—POLITICS AND GOVERNMENT

Bloody crime. Az. i Afr. seg. no. 4:61 Ap '61.

The Congo will be free! L. Volodin. Ogonek 39 no 27, 5 Jl '61

Let's wipe out this disgrace of mankind. Rene Lorarl Smena 38 no. 13:19 Jl '61.

Triumvirate of betrayers of the Congo. O. Orestov, L. Volodin. Az. i Afr. seg. no. 4:7-9 Ap '61.

CONGRUENCES (GEOMETRY)

Laplace transform in a space of straight lines. N. V. Efepanov. Izv. vys ucheb. zav. ; mat. no. 3:127-135 '61.

One pair of H-*congruences.* M. B. *Pergamenshchikov* Izv. vys. ucheb. zav. ; mat. no 3:91-98 '61.

CONIFERAE see subdivision under Crimea, Ukraine

CONJUNCTIVA—TUBERCULOSIS

Diagnosis of tuberculosis of the conjunctiva. P. I. Iurchenko. Oft. zhur. 16 no. 4:247-248 '61.

CONJUNCTIVITIS, GRANULAR

Murazian, A. G. [Prevention of trachoma] Preduprezhdenie trakhomy. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 13 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

What subprofessional medical personnel must know about the clinical aspects and diagnosis of trachoma. G G Kanbai. Fel'd. i akush. 26 no. 7, 21-25 Jl '61.

CONNECTING RODS

Modifying the connecting rod end of the SK-2, 6 combine. M. H. Lastovs'kyi. Mekh sil'. hosp. 12 no 8 25 Ag '61.

CONNECTIVE TISSUES

Connective tissue. V. G. Eliseev. Zdorov'e 7 no. 6; 8-10 Je '61.

Effect of splenin on the relation between the activity of the connective tissue and nitrogen metabolism in rabbits with Brown-Pearce tumors [with summary in English]. V. S. Lusenko. Fiziol. zhur. [Ukr.] 7 no. 4: 545-552 Jl-Ag '61.

CONSERVATION OF WILDLIFE see Wildlife, Conservation of

CONSTRUCTION see Building

CONSTRUCTION INDUSTRY
(see also subdivision under Belaya Tserkov' District; Chelyabinsk Province; Chernigov Province; Kazakhstan, Khabarovsk Territory; Kherson Province, Kiev Province; Kirov Province; Kirovograd Province; Komsomol'sk District, Ivanovo Province; Krasnoyarsk Territory, Krivoy Rog; Leningrad; Minsk; Moscow; Nikolayev Province; Soviet Far East; Stalinogorsk; Sverdlovsk Province; Tirnovo; Ukraine; Vladivostok; White Russia)

Answers to questions about the economics of construction. Ekon. stroi. no. 7:70-73 Jl '61.

Basis of industrialization in construction. I. Grishinanov. Ekon. stroi. no. 6:3-10 Je '61.

CONSTRUCTION INDUSTRY (Continued)

Bershidskii, A. Kh., and N. K. Babkov. [New developments in production planning of housing construction] Novoe v proizvodstvennom planirovanii zhilishchnogo stroitel'stva; stenogramma lektsii. Leningrad, 1961. 26 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Serita Stroitel'naia promyshlennost')

Builders justify the confidence of the party and the people. Stroi. i arkhit. Mosk 10 no 5-1 My '61

The Building and Architecture Council. IA T. kravchuk. Izv. ASiA no 1:111-113 '61

Celebrate the 22d Congress of the CPSU in a creative way Ekon stroi no 7 3-7 Jl '61

Conference of housing construction workers Stroi. i arkhit. Len 23 no 7 3 of cover Jl '61

Consultation. Transp. stroi. 11 no. 7-61-62 Jl '61.

Coordination Council Meeting on prefabrication techniques in rural construction D I Zhuchin, L. Kharkhardin Izv. ASiA no. 1.113-115 '61

Create a stable material and technical base for farm construction Stroi mat 7 no 7 1-3 Jl '61

Development of specialization in construction. V. Kutin, V. Medvedev. Stroi i arkhit 9 no 6 3-4 Je '61

Do you know that..., Sel'. stroi. 16 no. 6:29 Je '61.

Eliminate defects in supplying material and equipment for construction A. Kondrashov Ekon stroi no. 7 48-50 Jl '61

Enterprises planned for the virgin soil T Erokhin. Stroi. i arkhit 9 no. 6 39 Je '61

From the pages of foreign magazines. Mekh. stroi. 18 no 6.3 of cover Je '61.

From the pages of Soviet magazines. Mekh. stroi. 18 no 6 31-32 Je '61

[Improving financial operations in construction; lecture transcript] Voprosy sovershenstvovaniia ekonomicheskoi raboty stroitel'stve; stenogrammy lektsii. Leningrad, 1961. 28 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Serita: Stroitel'naia promyshlennost')

Improving the system of planning construction. IU. Levitskii. I Lerit. Ekon stroi. no 6.50-54 Je '61

In celebration of the 22d Congress of the CPSU Bet i zhel -bet. no 6 241-243 Je '61

In celebration of the 22d Congress of the CPSU Ekon. stroi no. 6-11-12 Je '61.

In celebration of the 22d Congress of the CPSU. Mekh. stroi. 18 no. 5:2 of cover-2 My '61.

In celebration of the 22nd Congress of the CPSU. Sel'. stroi. 16 no 6:3 Je '61.

In the Academy of Construction and Architecture of the U S S R Bet. i zhel. -bet no. 6 2 of cover Je '61.

In the Academy of Construction and Architecture of the U. S. S. R. Biul. stroi. tekh 18 no. 6.30-35 Je '61.

In the Central Committee of the Trade Union. Strotel' no. 6 30-31 Je '61.

In the Office of State Construction of the R. S. F. S. R. Na stroi. Ros. no. 6:30 Je '61.

In the Presidium of the Academy. E. L Gamzo. Izv. ASiA no 1;107-110 '61.

In the R. S F. S. R. Ministry of Construction. Mont. i spets rab. v stroi. 23 no. 6:31-3 of cover Je '61.

In the R. S. F. S. R. Ministry of Construction. Mont. i spets. rab. v stroi. 23 no. 7:3 of cover Jl '61.

In the R. S. F. S. R. Office of State Construction. Na stroi. Ros. no. 5:33 My '61.

In the U S. S. R. Office of State Construction. Strotel' no. 6:30 Je '61.

Increasing the permeability to water in roofing materials. B. S. Genin, A S. Kuptsynova. Izv. AN Turk. SSR Ser. fiz. -tekh., khim. i geol. nauk no. 3:53-58 '61.

Kommunisticheskaia partiia Sovetskogo Soiuza. Vysshaia partiinaia shkola. Kafedra sovetskoi ekonomiki. [Program in construction economics for economics schools and seminars in party education] Programma po ekonomike stroitel'stva dlia ekonomicheskikh shkol i seminarov sistemy partiinogo prosveshchenila. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 26 p.

Korolkii, A. F. [Principles of construction] Osnovy stroitel'nogo dela. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 220 p.

Let us raise Soviet urban construction to a new, higher level. Sov. arkhit. no. 12 3-6 '60

Let's eliminate defects in creating district industrial supply bases for construction. N. Tkachenko. Ekon. stroi. no. 6:13-17 Je '61.

Let's regulate the work of building organizations under the direction of local councils. Stroi. i arkhit. 9 no. 6: 1-2 Je '61.

Let's steadily raise the technical level of industrial construction. Prom. stroi. 39 no. 6:2-4 '61.

Mechanization of rural construction. A. G. Baitadzhi, G. I. Pollanskii. Mekh. stroi. 18 no. 7:10-11 Jl '61

New institute. Prom. stroi. 39 no. 6-62 '61.

Particularly unpor. nt construction projects of 1961. R. Oloviagin. Ekon. stroi. no. 6:31-35 Je '61.

Pay more attention to problems of mechanization in construction. Stroi. i dor. mash. 6 no. 6:3 Je '61.

Pay principal attention to the construction of prime objectives Zhil.-kom khoz. 11 no. 6 1-2 Je '61.

Piecework. S. Mitin. Ekon. stroi. no. 6:35-41 Je '61.

Provide rural construction with an industrial supply base V K Rosiotskii Stroi i dor. mash. 6 no 7 3-6 Jl '61.

Raise the organizational level of assembly and special operations A L Korbut-Smirnov Mont. i spets. rab. v stroi 23 no 6.1-3 Je '61.

Reed in housing construction A Lobkov. Stroi. i arkhit 9 no 6 25-27 Je '61

Reorganization of agricultural agencies and problems of rural builders. Sel' stroi 16 no. 6 1-2 Je '61.

Results of the work of contracting organizations in the first quarter of 1961. Ekon. stroi. no. 6.71-3 of cover Je '61.

Rural and village construction abroad. A. A Polomoev. Stroi. i dor. mash 6 no 7.30 -3 of cover Jl '61

The rural builder needs modern equipment. Mekh stro. 18 no. 7:1-3 Jl '61.

The science of building and architecture in 1961. N P. Bylinkin Izv ASiA no 1 38-47 '61

Seven-year plan in action. A. Pavlov. Na stroi Ros. no. 6 2 of cover Je '61.

Shorten the construction period for industrial complexes. N. L. Vovchenko. Prom. stroi. 39 no. 7:2-4 '61.

They write to us Ekon. stroi no. 6-19 Je '61

They write us Ekon stroi no 7-68 Jl '61.

Toward the 22d Congress of the CPSU. Ved i san. tekh no 7.1 Jl '61

Use capital investment effectively in developing a productive base. K. M. Sokolov. Mont. i spets. rab v stroi. 23 no. 7:1-4 Jl '61.

Using radio communication in construction P. I Lavrenko, Sh S Patent. Mekh stroi. 18 no 5.18-20 My '61

A worthy celebration of the 22d Congress of the CPSU Stroi i arkhit. 9 no 6-39 Je '61

CONSTRUCTION INDUSTRY—ACCOUNTING

Accounting for materials in construction Bukh uchet 18 no. 6 60 Je '61

Accounting problems in capital construction. Bukh uchet 18 no 6 61 Je '61.

Economic accountability in building administrations. A. M. Shtelnvorisel', L. V. Belousov, S. S. Gorenshtein Stroi. truboprov. 6 no. 6:27-28 Je '61.

Il'in, V. M., and G. I. Smirnov. [Accounting in the construction industry] Analiz finansovo-khoziaistvennoi deiatel'nosti stroitel'noi organizatsii. Moskva, Gosfinizdat, 1960. 114 p. (MH)

Machine accounting in construction M. Petiiuk. Ekon. stroi. no. 6 70 Je '61.

Statistical indices of production of combines engaged in housing construction. L Kaplan. Vest. stat. no 7: 74-77 '61

CONSTRUCTION INDUSTRY—AUDITING AND INSPECTION

Against excess and wastefulness. D. Volodin. Fin. SSSR 22 no. 3:63-65 Mr '61.

Bank and the struggle with additions. M. Artiukhov, N Tkach. Fin. SSSR 22 no 7.81-83 Jl '61.

Economic work is an important factor in utilizing hidden potentialities in construction. A. Ferberg. Fin. SSSR 22 no. 3:58-63 Mr '61.

Increase control over capital construction financed at the request of the Construction Bank. M Bekshenev. Den. i kred. 19 no. 7.76-79 Jl '61.

CONSTRUCTION INDUSTRY—BIBLIOGRAPHY see Bibliography—Construction industry

CONSTRUCTION INDUSTRY—CONGRESSES

Introduce the experience of leaders into building practice. Na stroi. Ros. no. 6:13-14 Je '61.

CONSTRUCTION INDUSTRY—COSTS see subdivision under Novgorod Province

CONSTRUCTION INDUSTRY—FINANC (see also subdivision under Donets Klaypeda District)

Alekseev, A. A., and A. A. Golovin. [economic work planning in a constr Tekhniko-ekonomicheskoe planirova stroitel'noi organizatsii. [Tula] Tul izd-vo, 1960. 156 p.

Exercise strictest financial control of capital investment limits. G. Sa 22 no. 3:81-83 Mr '61.

Improving the order of determining planning and research operations f B. Shestov. Ekon. stroi. no. 7:40-

Operating capital of contracting orga struction is industrialized. A. Vin Ekon. stroi. no. 7:36-40 Jl '61.

Structure of expenditures in construc no 6-54-61 Je '61.

They write to us. Ekon. stroi. no. 6

CONSTRUCTION INDUSTRY—HYGIEN see subdivision under Moscow

CONSTRUCTION INDUSTRY—LABOR

Calculation of labor productivity in i building standard precast sparimer rov. Ekon. stroi. no. 7:50-52 Jl

Content, not form, is necessary A Kaznov. Ekon. stroi. no. 7 52-53 Jl '61.

Evaluating labor productivity in construction. V. Kunysheva Ekon stroi no 7.62-63 Jl '61

Fundamental improvement in methods of measuring the level of labor productivity in construction. A. Golovin, A Alekseev Ekon stroi no. 7-56-57 Jl '61

Improve the method of calculating labor productivity in construction S Kosheliuk. Ekon stroi no 7 53-54 Jl '61.

Index of labor productivity in construction B Borovskikh Ekon. stroi no 7 58-60 Jl '61

Method of planning labor productivity V. Stomakhin, S Khalizov Ekon stroi. no 7 63-66 Jl '61

Planning and calculation of labor productivity in the construction of industrial projects. V Pushkin. Ekon stroi no 7 57-58 Jl '61.

Planning the output of basic production workers V. Shevchenko Ekon. stroi no 7.55-56 Jl '61

The problem of calculating labor productivity in construction. V. Ruzhentsev Ekon stroi no. 7 61-62 Jl '61

The problem of measuring labor productivity V. Pletneva Ekon stroi no 7 60-61 Jl '61

[Problems of the economics of labor; lecture transcript] Voprosy ekonomiki truda; stenogramma lektsii. Leningrad, 1961. 32 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Serita, Stroitel'naia promyshlennost')

CONSTRUCTION INDUSTRY—MANAGEMENT

Outline of the subject "Economics, organization and planning of construction industry " S F Zhuravlev. Sred. spets obr. 8 no 6:47-50 Je '61

CONSTRUCTION INDUSTRY—PRODUCTION STANDARDS

Bashinskii, S. V. [Improving norms in the construction industry; lecture transcript] Sovershenstvovanie normativnoi bazy stroitel'nogo proizvodstva; stenogramma lektsii. Leningrad, 1961. 21 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Serita: Stroitel'naia promyshlennost')

CONSTRUCTION INDUSTRY—SAFETY MEASURES

Taking measures to improve working conditions. V. Komarov Stroitel' no. 6.25-26 Je '61.

CONSTRUCTION INDUSTRY—TECHNOLOGICAL INNOVATIONS see subdivision under Bulgaria, Moscow

CONSTRUCTION WORKERS (see also subdivision under Leningrad; Stalingrad Province; Vitebsk; Yamal-Nenets National Area)

After the ball. G. Dolmatovskaia, D. Ukhtomskii Ogonek 39 no 23-4-6 Je '61

Problems of wages for construction workers Ekon stroi no. 7.69-70 Jl '61.

CONTAGION AND CONTAGIOUS DISEASES see Communicable diseases

CONTAINERS

Let's save millions of rubles. G. Anpilogov. Sov. torg. 34 no. 6:14-15 Je '61.

Specializing the production of containers is an important potential in lowering the net cost of glass. M. I. Berezhkovskaia. Stek. i ker. 18 no. 6:43-44 Je '61.

CONTAMINATED FOOD see Food contamination

CONTINUITY

Vth continus. V. Kuzminov. Dokl. AN SSSR 139 no. 1: 24-27 Jl '61.

CONTRACTS

CONVEYING MACHINERY (Continued)

Methods of designing bucket conveyors for agricultural machinery V I Vaikhova Trudy VIM 27 no 3-1/2-188 '60

Screw conveyer for removing of kanyga (stomach contents of ruminants) V Silin, Mias. ind. SSSR 32 no 1 45-16 '61.

Standardizing conveyer frames. A. E. Korotkovskii. Trudy Ural politekh. inst. no. 109, 91-102 '61.

CONVEYING MACHINERY—MAINTENANCE AND REPAIR

Defects in conveyors A A Siniavskii Mekh stroi 18 no 5 22 My '61

CONVEYING MACHINERY—WELDING

Automatic line for the assembly and welding of standard troughs for the SKR-11 scraper-conveyers. B M Nekrasov and others Avtom. svar. 14 no 7 71-78 Jl '61

COOKERY—STUDY AND TEACHING

Methodological notes on cooking lessons M N Petrovskaia. Shkola i proizv 5 no 7,57-59 Jl '61.

COOKERY (VEGETABLES)

May I have salad? Iv Bezm'iasyi Ukraina no 15-23 Ag '61.

COOKERY FOR THE SICK see subdivision under Yalta

COOLING TOWERS see subdivision under Lyubertsy

COOPERATIVE EDUCATION see Education, Cooperative

COOPERATIVE SOCIETIES

(see also subdivision under Bernovo, Chekashevo; Cuba, Germany, Ghana, Gomel' Province, Kotel'nya District, Nanayskiy District, Odessa Province, Suzak District; Tyumen' Province, Vel'yaminovo, Vietnam, North; Vil'cha, Gomel Province, Yegorlykskaya)

Conversation on an important subject I Borodin Sov potreb koop 5 no 8 17-18 Ag '61

Cooperation schools reorganize their work. V. Gukas'tian. Sov. potreb koop 5 no 6,22-25 Je '61

Cooperative societies and democracy. IA. Kramarovskii. Sov potreb koop. 5 no 6-51-54 Je '61

"Cooperative societies and their preparations for complete collectivization" by I. G Bulatov. Reviewed by A P. Veselov, IU S Kukushkin. Ist SSSR 5 no 4. 174-175 Jl-Ag '61

Cuban cooperators in the U. S. S. R. Sov. potreb. koop 5 no. 7 1-2 Jl '61

Editor's mail. Sov potreb. koop 5 no 6-16 Je '61.

Editor's mail Sov. potreb koop. 5 no. 7-17 Jl '61.

Editor's mail Sov potreb koop 5 no 8-10-11 Ag '61

Historical dates. Sov. potreb koop 5 no. 6-31 Je '61

In the name of humanity P. Nikitin. Sov potreb koop. 5 no 7 21-23 Jl '61

Let's persist in the improvement of trade P. IUdin Sov potreb koop. 5 no. 8 3-5 Ag '61

On the stands of the pavilion of the Central Union of Cooperative Societies. B. Khlynov Sov potreb koop. 5 no 7 23-25 Jl '61

"Organization and tools of Soviet cooperative trade" by V I Vinogradov, A Kaminskii, T. A. Ozerova Reviewed by M Tabasaranskii Sov potreb koop. 5 no 8;61-62 Ag '61

Summarizing the results of the reports of cooperative societies L. Omel'chenko. Sov. potreb koop. 5 no 6 30-31 Je '61

This is for our beloved country. P. Semakov and others Sov potreb. koop 5 no. 8 6-7 Ag '61

Welcoming the International Cooperation Day. I Kovan Sov. potreb koop 5 no. 6 55-58 Je '61

Who causes the split in the international cooperative movement D Peinter Sov potreb. koop. 5 no. 8 50-51 Ag '61

Works and people; review of letters. Sov. potreb. koop. 5 no. 7;10-11 Jl '61.

COOPERATIVE SOCIETIES—ACCOUNTING

Book on business accounting ("Business accounting in cooperative societies" by A. K. Bykov Reviewed by G Dundukov) Sov. potreb koop 5 no 6 62-63 Je '61

COOPERATIVE SOCIETIES—AUDITING AND INSPECTION

Let's finish with false additions and eyewash. Sov. potreb. koop 5 no 8 25 Ag '61.

COOPERATIVE SOCIETIES—CONGRESSES

Historical dates Sov potreb. koop. 5 no. 8;55 Ag '61.

COOPERATIVE SOCIETIES—INVENTORIES

Interesting book on supplies ("Supplies in consumers' cooperative societies" by R. A. Lokshin. Reviewed by I. Lakhman) Sov. torg 34 no. 6;45-47 Je '61.

COOPERATIVE SOCIETIES—LAW

Glinkin, IA. S., and A. M. Prytkov, comps. [Collection of forms of legal documents recommended for consumers' cooperatives] Sbornik form dokumentov po pravovym voprosam dlia sistemy potrebitel'skoi kooperatsii. Moskva, Izd-vo TSentrosoiuza, 1960. 63 p.

COOPERATIVE SOCIETIES—PERIODICALS see subdivision under Mogilev Province

COORDINATES

Computation of Gaussian coordinates in processing the data of second-order triangulation without transferring the measured elements of the network to a plane A I Deviatov, K Kh Marich Trudy MIIGAIK no 15 125-132 '61

COOTS

Distribution of ducks and coots nesting in the U. S. S. R. in different wintering places. IA. V. Sapetin, T P. Shevareva. Ornitologiia no. 2 271-275 '59.

COPEPODA see subdivision under White Sea

COPPER

Chemiluminescent catalytic reaction in the system luminol - copper - hydrogen peroxide Part I Physicochemical analysis A K Babko, N M. Lukovskaia. Ukr khim zhur 27 no 5 519-521 '61

New method for determining the copper content of food products [with summary in English]. V S Grunert, L A. Evmenova Vop pit 20 no 1 66-69 Jl-Ag '61.

Polarographic method for copper determination in sea water. M K Tikhonov, V. K Zhavoronkina Trudy MGI 19 31-37 '60

COPPER—ANALYSIS

Determination of microquantities of copper in waters, soils, and biological materials by means of nickel diethyldithio phosphate [with summary in English] A A. Namodiuk, V V Stasiuchenko Zhur analit khim 16 no 1 407-411 Jl-Ag '61

Rapid method for the determination of copper in metallic cadmium and cadmium salts by means of potassium ferrocyanide [with summary in English] A S Kozlov Zhur analit khim 16 no 4 501-502 Jl-Ag '61

Trilonometric determination of copper in the presence of nickel and iron. G. G. Lystgova. Zav lab. 27 no 8 964-965 '61.

COPPER—ELECTRIC PROPERTIES

Effect of pulse heating on the electric conductivity and fine structure of deformed copper A S Denisov, A G IAkhontov Izv. AN Kir SSR Ser. est i tekh nauk 3 no 1;35-10 '61

COPPER—METALLOGRAPHY

X-ray diffraction study of the recovery of plastically deformed copper. Zh. Zhorobekov, IU. S. Terminasov. Izv. AN Kir. SSR. Ser. est. i tekh. nauk 3 no. 1-57-61 '61.

COPPER ORES

(see also subdivision under Dzhezkazgan District)

Gudalin, G. G. [How to search for copper ores] Kak iskat' mednye rudy. Moskva, Gos. izd-vo geol. lit-ry, 1952. 23 p.

COPPER-GOLD ALLOYS—SPECTRA

Investigation of certain X-ray spectral lines and of the absorption edge of copper and gold in Cu_3Au and CuAu alloys. V A. Avetisian. Izv. vys. ucheb zav., fiz. no 2 160-163 '61

COPPER IN THE BODY

Amount of copper in the blood serum in normal subjects and in patients with some diseases of the brain [with summary in French] B. M. Gekht Zhur nevr i psikh. 61 no. 5-707-712 '61.

COPPER-MANGANESE ALLOYS—MAGNETIC PROPERTIES

Magnetic properties of the polycrystalline alloy Cu + 22, 8 atom % Mn I G. Fakidov, B V Zuamenskii. Zhur. eksp. i teor. fiz. 40 no. 5-1522-1523 My '61

COPPER OXIDE CRYSTALS

Quadrupole absorption and the optical lifetime of the ground state of excitons in a Cu_2O crystal E. F. Gross, A. A Kaplianskii. Dokl. AN SSSR 139 no. 1; 75-78 Jl '61

COPPER OXIDES

Mishchenko, M. T. [Structure and formation mechanism of cuprous oxide, and its electric properties] Stroenie, mekhanizm obrazovaniia zakisi medi i ee elektricheskie svoistva. L'vov, L'vovskii politekhn. in-t, 1959. 139 p.

COPPER OXIDES—SPECTRA

Determination of impurities in copper oxide by the spectral method O. F. Degtiareva and others Zav. lab. 27 no. 7 844-845 '61.

COPPER PIPE see Pipe, Copper

COPPER-SILICON-ZINC ALLOYS—HEAT TREATMENT

Effect of annealing temperatures on the structure and quality of LK80-ZL brass. M. P. Telushkina. Lit proizv no. 8-40 Ag '61.

COPPER-ZINC ALLOYS

Rapid photocolorimetric determination of aluminum in copper-zinc alloys. V F. Maltsev, L. P. Lukianenko, D. M. Kukui. Zav. lab. 27 no 7;807-808 '61.

CORE DRILLING

Hydraulic coupling for side water supply in drilling with the KS-50 core drill L L Pavlov, I P Tokarenko Sbor rats predl vnedr v proizv no 1 4 '61

CORE DRILLING—EQUIPMENT AND SUPPLIES

Outlook for the adoption of replaceable coring samplers in test drilling. S V. Penkevich, V I Maksimov. Izv. vys ucheb zav., geol i razv. 3 no. 6 95-101 Je '60.

COREMAKING

Theory and calculation of the sand-blowing process A R Rabinovich Lit proizv no 8,24-29 Ag '61

CORES (ELECTRICITY)

Permeability and losses of magnetodielectrics based on carbonyl iron powders. I. S. Tolmasskii Izv. vys. ucheb zav., elektromekh. 4 no 6-3-18 '61.

Ruseiskii, B. L., and A. I. Shal'nov. [Mechanized continuous line for manufacturing C-type band cores] Mekhanizirovannaia potochnaia liniia izgotovleniia lentochnykh S-obraznykh serdechnikov. Leningrad, 1961. 14 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Pribory i elementy avtomatiki, no. 2)

CORES (ELECTRICITY)—TESTING

Device for testing the cores of self-saturating magnetic amplifiers. Kh. E Zaidel', I. B. Negnevitskii, I. I. Solovkin. Izv. vys. ucheb zav., elektromekh 4 no 3 116-156 '61.

CORN (MAIZE)

(see also subdivision under Arguda; Babayurt District, Chirchik Valley; Daghestan, Khasavyurt District; Khoyniki District; Kuybyshev, Lomonosov District)

Achievements of the workers of the Kakhovka Plant for Processing Hybrid and Certified Corn S Fedorenko Muk.-elev prom. 27 no 4;5-8 Ap '61.

Bilyk, D. P., V. L. Kalibordа, and L. V. Temchenko. [Corn in green fallows] Kukurudza v zaniattiykh parakh. [Odesa] Odes'ke knizhkove vyd-vo, 1960. 55 p. (DA)

Bin and air heater for corn drying. P. P. Mal'tsev Mekh. sil' hosp 12 no. 8, 8-11 Ag '61

Conditions of shelling corn for seed and forage G Kreimerman Muk.-elev prom 27 no 7-8-10 Jl '61

Corn fields in July. V. N Stepanov. IUn nat. no 7 13 Jl '61.

Emanuilov, V. I., and A. V. Volokov. [Corn, the king of crops] Kukuruza - bogatyrskaia kul'tura. [Moskva] Mosk. rabochii, 1961. 17 p. (DA)

Evaluating the germinative capacity of corn M Golik, M. Festa. Muk.-elev prom 27 no. 8;25-27 Ag '61

Grafting of wheat embryos on the corn endosperm. R A Naleva Shor. stud. nauch. rab Nauch stud. ob va IAr. gos. ped. inst. no. 3;87-95 '60

High corn yields are the result of using new scientific discoveries [with summaries in English, German, and French]. K. I Savel'ev. Vest sel'khoz nauki 6 no. 7;26-29 Jl '61

How we grow corn. D. Kirova. Sel'. mekh. no. 7;3-5 '61

In the leading brigade. Z. Paskalov. Zel'. mekh. no 7 5-7 '61.

Intensiveness of photosynthesis in corn depending on the length of day. A. V. Khvan. Uch zap Ped inst. Gertsa 178;165-172 '59.

Kochkin, I. F. [Preparing seeds for sowing] Podgotovka semian k posevu. [Moskva] Mosk. rabochii, 1961. 21 p. (Bibliotechka kukuruzovoda-mekhanizatora) (DA)

Korotkov, S. K. [Hymn to corn] Gimn kukuruze. Cheboksary, Chuvashskoe gos. izd-vo, 1961. 39 p. (DA)

Modifying hammer mills for grinding corncobs. A. Naugol'nov. Muk.-elev. prom 27 no 4;25-26 Ap '61.

Morphological characteristics of the mycorhiza of corn. E. P. Khrushcheva. Agrobiologiia no. 4;595-598 Jl-Ag '61.

Musatov, V. N. [At increased speeds] Na povyshennykh skorostiakh. [Moskva] Mosk. rabochii, 1961. 28 p. (Bibliotechka kukuruzovoda-mekhanizatora)

One hundred and twenty-five hundredweights of grain Lida Parshikova. IUn nat. no 7 32 Jl '61

Shautsukov, Z. Kh. [Simultaneous cultivation of corn interrows and the immediate area around the plants] Odnovremennaia mekhanizirovannaia obrabotka mezhduriadii i zashchitnykh zon posevov kukuruzy. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1960. 54 p. (DA)

Shelling corn cobs with minimum injuries to grain. S. P. Danilevych Mekh. sil'. hosp 12 no 8 7-8 Ag '61

Sixty centers of corn to the hectare. D. Paskalov, I. Zheliapov. Sel' mekh. no. 7;1-2 '61.

Smirnov, N. A. [Essential link; sketch about Aleksei Baranov, a member of the Communist Youth League and a leading promotor of mechanized corn cultivation] Osnovnoe zveno; ocherk o peredovom tul'skom mekhanizatore kukuruzovodstva komsomol'tse Alekseе Baranove. [Tula] Tul'skoe knizhnoe izd-vo, 1960. 34 p. (Bibliotechka aktivista zhivotnovodstva) (DA)

CORN (MAIZE) (Continued)

Some data on the root microflora of corn and buckwheat and its influence on the growth of plants. Z. A. Arkad'eva. Nauch. dokl. vys. shkoly, biol. nauki no. 4 163-168 '61

Tatmisian, S. V. [Surface ensilage of corn] Nazemnyi sposob silosovaniia kukuruzy. [Makhachkala] Dagestanskoe knizhnoe izd-vo, 1959. 12 p. (Bibliotechka kukuruzovoda)
(DA)

Temperature field of a corn grain under the action of water [with summary in English] E. D. Kazakov, V. S. Lietyin. Inzh.-fiz. zhur. 1 no. 6 132-134 Je '61.

Toward the north. IUn. nat. no. 6 6, 24, 99 Je '61

Trel'iakov, N. N. [How to prepare fields for corn] Kak gotovit' polia pod kukuruzu. [Moskva] Mosk. rabochii, 1961. 15 p. (Bibliotechka kukuruzovoda-mekhanizatora)
(DA)

Volos, P. I. [Care of corn fields] Ukhod za posevami. [Moskva] Mosk. rabochii, 1961. 21 p. (Bibliotechka kukuruzovoda-mekhanizatora)
(DA)

We are friends with corn. P. Saklakov and others. IUn. nat. no. 7 6-7 Jl '61.

Zalzen, S. IA. [Prepare corn ensilage properly] Pravil'no silosuite kukuruzu. [Moskva] Mosk. rabochii, 1961. 27 p. (Bibliotechka kukuruzovoda-mekhanizatora)
(DA)

CORN (MAIZE)—CLEANING

PP-5 ear corn cleaner. I. I. Krasnikov. Trakt. i sel'khozmash. 31 no. 2, 34 F '61

CORN (MAIZE)—DISEASES AND PESTS

Microbe hunting. M. S. Dunin. IUn. nat. no. 6 30-31 Je '61

CORN (MAIZE)—DRYING

AZhT-2 hot air ventilation unit. V. Zinger. Muk.-elev. prom. 27 no. 8 17-18 Ag '61

For more accurate methods in determining the moisture of corn. F. Dykhne, N. Zhuk. Muk.-elev. prom. 27 no. 7 10-11 Jl '61

Mechanized harvesting of kernel and ear corn. S. IU. Keller. Vestnyk sil'khozn. nauky. 1 no. 8 11-14 Ag '61.

Our practices of selecting and drying shelled corn. I. Zemliansk. Muk.-elev. prom. 27 no. 7 11-12 Jl '61

Stationary dryer for ear corn. A. Suprunov. Muk.-elev. prom. 27 no. 8 18-19 Ag '61

CORN (MAIZE)—GRADING see subdivision under Kishinev

CORN (MAIZE)—HARVESTING

Cutting thick-stemmed crops. N. A. Karp. Dokl. TSKhA no. 55 277-285 '60

Establishing wage norms for harvesting corn. Kh. Pechonyi. Mekh. sil'. khozp. 12 no. 8 16-19 Ag '61

Investigating parameters of ear snapping rolls. I. T. Osimak. Trakt. i sel'khozmash. 31 no. 2 28-32 F '61

Machinery for the over-all mechanization of corn harvesting. I. Klimentiev, V. Snesarev. Tekh. v sel'khoz. 21 no. 7 48-50 Jl '61

Mechanized harvesting of corn for grain and the storage of corn. A. Os'kin. Tekh. v sel'khoz. 21 no. 7 8-11 Jl '61

Modification of the threshers of RSM-8 and S-6 combines to harvest corn for grain. V. Radko, A. Fedorov. Tekh. v sel'khoz. 21 no. 8 10-18 Ag '61.

Modifying reapers of tractor-drawn combines for harvesting corn. A. Fedorov. Tekh. v sel'khoz. 21 no. 7 11-16 Jl '61

CORN (MAIZE)—IRRIGATION
(see also subdivision under Russia, Southern)

Svetashov, A. T. [Correct way for irrigating corn] Kak pravil'no poliyat' kukuruzu. [Makhachkala] Dagestanskoe izd-vo, 1959. 24 p. (Bibliotechka kukuruzovoda)
(DA)

CORN (MAIZE)—STORAGE
(see also subdivision under Kirovograd, Ukraine)

For timely procurement and good storage of corn. Muk.-elev. prom. 27 no. 8 1-2 Ag '61

Increasing the productive capacity of hybrid and certified corn processing plants and sections. L. Borokhovskii. Muk.-elev. prom. 27 no. 8, 8-10 Ag '61

Mechanized harvesting of corn for grain and the storage of corn. A. Os'kin. Tekh. v sel'khoz. 21 no. 7 8-11 Jl '61

Present state and possibilities for the development of hybrid and certified corn processing plants and sections. A. Borodin. Muk.-elev. prom. 27 no. 8 6-7 Ag '61.

CORN (MAIZE)—VARIETIES
(see also subdivision under Kabardino-Balkar A. S. S. R.)

Find such varieties. IUn. nat. no. 6 1 Je '61

CORN AS FEED

Adding ground corncobs to mixed feeds. B. Rudol and others. Muk.-elev. prom. 27 no. 7 12 Jl '61.

CORN BREEDING
(see also subdivision under Armenia)

Cytoplasmic male sterility and its practical utilization in the breeding of interlinear corn hybrids. A. N. Pallova. Biul. Inst. biol. AN BSSR no. 5 324-329 '60

Earliness of ripening in the S1-S3 lines of corn. IU. B. Bakhtin. Biul. Inst. biol. AN BSSR no. 5 241-250 '60

Earliness of ripening, vigor, and variability of corn lines. IU. B. Bakhtin. Biul. Inst. biol. AN BSSR no. 5 232-240 '60

General combining ability of self-pollinated corn lines of different origin. L. V. Kedrova-Zikhman, L. N. Kaminskaia. Biul. Inst. biol. AN BSSR no. 5 218-224 '60

Height of plants and variability of lines in corn. IU. V. Vakhtin. Biul. Inst. biol. AN BSSR no. 5 251-260 '60.

Height of the position of ears on plants and variability of lines in corn. IU. B. Vakhtin. Biul. Inst. biol. AN BSSR no. 5 261-270 '60.

Study of the nature of heterosis and methods of making use of it in plant breeding [with summary in English]. Z. S. Nikoro. Biul. MOIP. Otd. biol. 65 no. 4 119-133 Jl-Ag '61.

Uniformity of initial parent forms in regard to their combining ability and the intensity of heterosis in hybrids. A. N. Pallova, A. S. Anokhin. Biul. Inst. biol. AN BSSR no. 5, 225-231 '60

CORN MILLING

New systems of corn milling. V. Liubushkin. Muk.-elev. prom. 27 no. 1 12-15 Ap '61

CORN OIL

Nutritional and biological value of corn oil and the possibility of using it in bread making. T. I. Golubev. Vop. pit. 20 no. 4 72-77 Jl-Ag '61

CORN PICKER (MACHINE)

Harvest with each KU-2A combine five to six hectares in a day. L. O. Hannych. Mekh. sil'. hosp. 12 no. 8 3 Ag '61

Performance characteristics of the feed mechanism of KKKh-3 corn combines. I. IA. Chumachenko. Trakt. i sel'khozmash. 31 no. 8 21-26 Ag '61

Performance of the corn combine in an operation cycle. O. V. Irodov. Mekh. sil'. hosp. 12 no. 8 6-7 Ag '61

Performance of the KKKh-3 combine at increased speeds. M. K. Didenko. Mekh. sil'. hosp. 12 no. 8 4-5 Ag '61.

Speed up the production of improved corn combines. O. IU. Tknchenko. Mekh. sil'. hosp. 12 no. 8 29-32 Ag '61.

CORNEA

Effect of protective substances on the mitotic activity of the corneal epithelium in irradiated mice. O. P. Domareva. Radiobiologiia. 1 no. 2 278-282 '61.

Physiological regeneration of cells of the corneal epithelium in irradiated rats. G. P. Gruzdev. Radiobiologiia. 1 no. 1:52-57 '61

CORNEA—TRANSPLANTATION
(see also subdivision under Olomouc)

Filatov, V. P. [Selected works in four volumes] Izbrannye trudy v chetyrekh tomakh. Kiev, Izd-vo Akad. nauk USSR.
Vol. 1, 1961, 406 p.
Vol. 2, 1961, 446 p.
Vol. 3, 1961, 368 p.
[MICROFILM]

Lamellar keratoplasty with a tatooing of the leukoma under the transplant [with summary in English]. A. B. Katsnel'son, N. K. Saushkina. Oft. zhur. 16 no. 4 242-244 '61.

Partial lamellar corneal transplantation as a method of closing a corneal fistula [with summary in English]. I. G. Ershkovich. Oft. zhur. 16 no. 4 200-204 '61

CORNSTARCH

Some biochemical properties of cornstarch. L. A. Ovchar. Izv. vys. ucheb. zav.; pishch. tekh. no. 2, 10-13 '60.

CORONA (ELECTRICITY)

Comparison of corona losses in a. c. and d. c. electric power transmission lines with equal bundled conductors. O. T. Kovalskaia and others. Izv. NIIPT no. 6 155-163 '60.

Investigating the temperature of a high-frequency corona discharge. R. Dzhumakuliev, A. M. Deviatov. Izv. vys. ucheb. zav., fiz. no. 2 24-27 '61

Substantiation of the antenna method for measuring a. c. corona power losses. V. D. Kravchenko. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 3 128-133 My-Je '61.

CORONARY HEART DISEASE

Amount of highly unsaturated fatty acids in the blood of patients with coronary atherosclerosis and in experimental hypercholesterinemia. I. N. Komarova. Vest. AMN SSSR 16 no. 3 27-32 '61.

Effect of certain fats on fat metabolism in patients with coronary arteriosclerosis [with summary in English]. O. Kh. Alieva. Vop. pit. 19 no. 2 13-17 Mr-Ap '60

Effect of various anti-atherosclerotic diets on the elimination of cholesterol in patients with coronary atherosclerosis [with summary in English]. G. S. Korobkina, IU. M. Nemenova, I. G. Paramonova. Vop. pit. 19 no. 2 23-30 Mr-Ap '60

Morphology and pathogenesis of large myocardial scars in coronary atherosclerosis. L. V. Pal'mova, N. G. Pilov. Vest. AMN SSSR 16 no. 3 13-17 '61

CORONARY VESSELS

Age changes in arteries of the conduction system of the heart. K. M. Pozharitskii. Vest. AMN SSSR 16 no. 3 9-12 '61.

CORPUS LUTEM

Method for determining the age of female sperm whales (Physeter catodon L.). A. A. Berzin. Dokl. AN SSSR 139 no. 2 489-491 Jl '61

CORRELATION (STATISTICS)

Rectilinear correlation and its application in geodesy. F. N. Pavlova. Trudy MIIGAIK no. 15 139-141 '61

CORRESPONDENCE SCHOOLS AND COURSES
(see also subdivision under Moscow, Moscow Province, Ukraine)

All possibilities are here. Smena 38 no. 11 4 Je '61.

Answering questions concerning technical correspondence courses. Avt. transp. 39 no. 6 51 Je '61

Is the organization of correspondence courses satisfactory? G. Baev, V. Koptev. Mias. ind. SSSR 31 no. 4 31-32 '60

Struggle for increasing student's progress and the prevention of students' withdrawal from a correspondence technical school. I. I. Poltoratskii. Sred. spets. obr. 8 no. 6 30-35 Je '61

Such practice is useful for correspondence students. A. M. Znamenskii. Sred. spets. obr. 8 no. 7 33-35 Jl '61

CORRESPONDENCE SCHOOLS AND COURSES—PERIODICALS

Disseminating experience in education by correspondence among all institutions of higher learning. V. IUshkov. Nar. obr. no. 8 93-94 Ag '61.

CORROSION, ELECTROLYTIC see Electrolytic corrosion

CORROSION AND ANTICORROSIVES

Anticorrosion protection of hydromechanical equipment with lacquer paints. M. I. Finkel'shtein, I. A. Zholondz', Lek. sta. 32 no. 4 28-33 Ap '61

Coating pipes on a stationary base. Stroi. truboprov. 6 no. 5, 21-25 My '61.

Corrosion of metallic materials in aqueous solutions of fluorides at elevated temperatures. E. I. Antonovskaia, L. V. Tokhtarova. Zhur. VKHO 6 no. 4 477-478 '61.

Corrosion resistance of welding equipment in petroleum refining. E. M. Kuzmak, N. N. Kosheiev. Khim. i tekh. topl. i masel 6 no. 6 41-47 Je '61.

Inhibitors for protecting oil well equipment against corrosion. V. F. Negreev and others. Neft. khoz. 39 no. 8, 42-49 Ag '61.

[Laboratory work on the protection of metals from corrosion] Laboratornye raboty po korrozii i zashchite metallov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 239 p.

CORTISONE

Hormone treatment of far advanced breast cancer [with summary in English]. H. Kolodziejska. Vop. onk. 6 no. 11, 552-555 '59

Local use of cortisone in eye diseases [with summary in English]. L. P. Zakharchenko. Oft. zhur. 16 no. 4 209-213 '61.

Use of adrenocorticotropic hormone, cortisone, and prednisone in the treatment of burns. V. D. Beliaev, L. M. Kliachkin. Voen.-med. zhur. no. 8 38-43 Ag '60

CORUNDUM—ELECTRIC PROPERTIES

Electron paramagnetic resonance of the V^{3+}-ion in corundum [with summary in English]. G. M. Zverev, A. M. Prokhorov. Zhur. eksp. i teor. fiz. 40 no. 4 1016-1018 Ap '61.

COSMETOLOGY see Beauty culture

COSMIC ELECTRODYNAMICS

Extraionospheric current system. A. D. Shevnin. Geomag. i aer. 1 no. 2 178-193 Mr-Ap '61.

COSMIC PHYSICS

Preobrazhenskii, A. IU. [Secrets of the ocean of air] Tainy vozdushnogo okeana. Moskva, Izd-vo "Znanie," 1961. 36 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 4, Tekhnika, no. 8)
[MICROFILM]

COSMIC RAYS

Analysis of cosmic ray showers produced by high-energy primary particles according to the nucleon excitation model [with summary in English] L A Sanko, Zh S Takibaev, P A Usik Zhur eksp i teor fiz 41 no 1 139-145 Jl '61

Calculating some characteristics of extensive atmospheric showers taking fluctuations into account [with summary in English], L.G Dedenko, Zhur. eksp. i teor fiz. 40 no. 2 630-636 F '61

Cosmic rays near the earth and in the universe V. L. Ginzburg. Usp fiz nauk 74 no 3 521-552 Jl '61

Nuclear-active particles in atmospheric showers [with summary in English], IA S Babetskii and others Zhur eksp i teor fiz 41 no. 1 13-21 Jl '61.

Observation of nuclear-active particles and electron-proton showers with energies of 10^{12} ev, at an altitude of 3860 m. above sea level [with summary in English] E V Denisov and others Zhur eksp. i teor. fiz 40 no 2 419-425 F '61.

Some data on cosmic rays emitted by the sun. A N. Charakhch'ian, V. F. Tulinov, T A. Charakhch'ian. Geomag. i aer. 1 no. 2:150-152 Mr-Ap '61

COSMIC RAYS—BIBLIOGRAPHY see Bibliography—Cosmic rays

COSMIC RAYS—CONGRESSES

"Variations in the intensity of cosmic rays", transactions of the International Conference on Cosmic Rays, vol. 4. Reviewed by E. S. Glokova. Geomag. i aer. 1 no. 1:130-131 Ja-F '61.

COSMOGONY

Neutrinos and the density of matter in the universe [with summary in English] B. Pontecorvo, IA Smorodinskii Zhur eksp i teor fiz 41 no 1 239-243 Jl '61

COST ACCOUNTING see subdivision under Rumania

COST AND STANDARD OF LIVING
(see also subdivision under Great Britain, Uzbekistan)

Dynamic program for a higher standard of living. Mias. ind. SSSR 32 no 1 1-3 '61.

For you, the people of the Soviet Union; facts and figures. Agitator no 15:34-36 Ag '61.

Improving the material living standards of the Soviet people P. P. Maslov, I. IU Pisarev Nauch zap MFI no 11,363-387 '58

Wages and public consumption funds. B Sukharevskii. Vop ekon. no 8.35-48 Ag '61.

COSTS, INDUSTRIAL
(see also subdivision under Rumania)

Business accounting and planning unit costs of industrial products. K. Kazankova, S Kheifets. Fin. SSSR 22 no. 3 66-73 Mr '61

Calculations of capital expenditures for power production from coal burning have to be comprehensive. A N. Shishov Ugol' Ukr no 6 33-34 Je '61.

Make savings in small and large items. K. Frolov. Mest. prom. i khud. promys. 2 no. 6:22-23 Je '61.

Sheremet, A. D. [What forms the unit costs of industrial production] Iz chego skladyvaetsia sebestoimost' promyshlennoi produktsii. Moskva, Izd-vo "Znanie," Vses. ob-va po raspr. polit. i nauchn. znanii, 1961, 36 p. (Narodnyi universitet kul'tury, no. 4)

COSTUME

[The Russian costume from 1750 to 1917 in five volumes, materials for stage productions of Russian dramaturgy from Fonvizin to Gor'kii] Russkii kostium 1750-1917 v piati vypuskakh; materialy dlia stsenicheskikh postanovok russkoi dramaturgii ot Fonvizina do Gor'kogo. Moskva, Vsesoiuznoe teatral'noe ob-vo.
No. 1. [The Russian costume from 1750 to 1830]

How growing conditions of parent plants affect the inheritance of morphological and economic signs in cotton. S. S. Sadykov, K. B. Bakhramov. Agrobiologiia no. 4: 505-509 Jl-Ag '61.

COTTON FABRICS

Technical and economic evaluation of the various methods of bleaching cotton fabrics N. F Denisova. Izv. vys. ucheb. zav., tekh tekst. prom no 3:3-12 '61

COTTON FINISHING

Cotton fabrics with crease resistant and permanent embossing effect P V Moryganov, B. N Mel'nikov, S I. Kudriavtsev Tekst prom. 21 no 4 32-34 Ap '61.

COTTON GINS AND GINNING see subdivision under Uzbekistan

COTTON GINS AND GINNING—HYGIENIC ASPECTS

Causes of dust in cotton gins. S. I Sosnovskii, R. Z. Khadzhi-Murat Gig. i san 26 no. 3:94-96 Mr '61.

COTTON GROWING
(see also subdivision under Kara Kum Canal region, Uzbekistan)

Discussion on cotton growing in the Co-ordinating Council of the Lenin All-Union Academy of Agricultural Sciences. P Bizinev Vest sel'khoz nauki 6 no. 7: 136-139 Jl '61.

Role of zinc in vital processes of the cotton plant. A. Kh. Kustova. Izv. AN Turk. SSR. Ser. biol nauk no 2 13-20 '61.

COTTON WASTE see subdivision under Turkmenistan

COTTON WASTE—CONGRESSES

Conference on the coordination of research, experimental, and planning and design operations in the production of citric and malic acids from cotton leaves A. P. Bazhanova Izv AN Turk. SSR. Ser biol nauk no. 2: 87-88 '61

COTTON WASTE AS FEED

Chemical composition and digestability of the carbohydrate-lignin complex contained in field wastes and feed mixtures of cotton. A. I Krasheninnikova. Izv. AN Turk SSR. Ser biol. nauk no. 2 67-70 '61.

COTTONSEED

Physiology of the dormant stage in cotton seeds. L. G. Gubanova, G. IA. Gubanov. Agrobiologiia no. 4:537-543 Jl-Ag '61

COTTONSEED OIL—ANALYSIS

Chromatography of cottonseed oil in a column with magnesium oxide. A. L. Markman, A. U. Umarov. Masl-zhir. prom. 27 no. 7:14-16 Jl '61.

COULOMB FUNCTIONS

Calculating the wave functions and oscillator strength of complex atoms. L. A. Vainshtein. Trudy Fiz. inst. 15.3-54 '61.

Electron terms in the field of two dissimilar Coulomb centers [with summary in English] S. S. Gershtein, V D.Krivchenkov Zhur eksp. i teor fiz, 40 no 5: 1491-1502 My '61

Momentum distribution function of Fermi particles in gas within the high-density limit [with summary in English], I O. Kulik Zhur. eksp. i teor fiz, 40 no 5: 1343-1352 My '61.

Normalization of the wave functions of quasi-stationary states [with summary in English]. A. M. Dykhne, A. V. Chaplik. Zhur eksp i teor. fiz, 40 no. 5:1127-1428 My '61.

Relativistic perturbation theory for a Coulomb field [with summary in English] V. G. Gorshkov. Zhur.
) no. 5:1481-1490 My '61.
of relativistic particles by the
nucleus I. I. Guseinov. Izv. AN
mat. i tekh. nauk 2:61-64 '61

-TABLES, ETC.
Teplov, and M. K. Akimova.
/ave functions (Whittaker functions
vykh kulonovskikh funktsii
Moskva, Vychislitel'nyi tsentr
p.

oal loaded cars IU. N. Baskakov.
'61

hyratrons for controlling gas-discharge switching tubes. B. A. Gofman, Tekhnika 16 no. 7 60-63 Jl '61.

device with automatic halting determined number of impulses] avtomaticheskoi ostanovkoi zadannomu kolichestvu impul'sov. (Leningradskii Dom nauchno-tekhn. Obmen peredovym opytom. Seriia avtomatiki, no. 1)

ible dynamic connections. M. P. osov. Trakt. i sel'khozmash.

COURAGE

At the sea bottom. P. Babenko. Smena 38 no 11 12 Je '61.

Osipov, V. O. [Everyday heroism] Gerotka budnei. Moskva, Izd-vo "Znanie," 1961 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 10, Molodezhnaia, no. 10)

COURTS see subdivision under Kirghizistan; United States

COWS see subdivision under Azerbaijan

COWS—FEEDING AND FEEDS

Effect of brewer's yeast on the milk production of cows [with summary in German] G. A. Bondarenko, P S Pinevich. Biul nauch -tekh. inform VIZH no 2 14-16 '58.

How the feeding of cows with chemically preserved corn silage affects the quality of milk and butter. A P. Patratii. Biul. nauch. -tekh. inform. VIZH no. 1:14-16 '58

COWS—PHYSIOLOGY

Effect of insulin on the ketones in the blood and urine of cows A S Kinash Visnyk sil'hosp. nauky 1 no 6 113-116 Ag '61.

Feeding processes and their interrelation in lactating cows in connection with temperature and humidity [with summary in German]. Khan Chzhen-kan (Han Cheng-k'ang). Biul nauch -tekh inform VIZH no 2:16-19 '59

Intensiveness of oxidizing processes and the butterfat content of milk. N. A. Bogomolov. Agrobiologiia no. 4: 553-560 Jl-Ag '61.

Relationship of time expended for various functions in cows of different productivity [with summary in German] V. I. Filipson. Biul nauch -tekh. inform. VIZH no 2 17-19 '58.

Significance of vitamin A in the reproductive functions of cows M M. Tiupich Biul. nauch. -tekh inform. no. 1:35-39 '58

COXSACKIE VIRUSES

Morphological studies of the cytopathogenic effect of poliomyelitis, Coxsackie, and ECHO viruses in tissue culture [with summary in French]. A. P. Savinov, V. M. Rogova. Zhur. nevr. i paikh. 61 no. 3:341-347 '61.

COYPU

Study of the nutritional value of nutria meat. J. Weirzchowski, T. Dombrowski, Z. Hanowiak. Vop pit 19 no. 2.87-88 Mr-Ap '60.

CRACKING PROCESS

Kinetics and mechanism of the decomposition of hydrocarbons. Mechanism of the thermal cracking of butanes [with summary in English]. A. D. Stepukhovich, R. V. Kosyreva, V. I. Petroslan. Zhur. fiz. khim. 35 no. 6: 1331-1336 Je '61.

CRANES (BIRDS)

Distribution and biology of the white crane (Grus leucogeranus Pall.). A. A. Sludskii. Ornitologiia no. 2 159-162 '59.

CRANES, DERRICKS, ETC.
(see also subdivision under Chelyabinsk; Kuibyshev)

Artem'ev, A. V., and A. A. Voskresenskii, [Loading and unloading machines and mechanisms] Pogruzochno-razgruzochnye mashiny i mekhanizmy. Moskva, Izd-vo "Rechnoi transport," 1961. 408 p.

Assembling bridge cranes in large plants with the help of structural elements. I. V. Serebrennikov. E. N. Ivanov. Prom. stroi 39 no 6:52-53 '61.

Fastening rails to the reinforced concrete beams under cranes. N. N. Korovin. Bet. i zhel. -bet. no. 6:273-274 Je '61.

Hauling away of rails along the track area. I. M. Artem'ev, N. I. IUzefovich. Put' i put. khoz. 5 no 4: 34 Ap '61.

Improving the wage system of crane operators. N. Aizenberg. Ekon. stroi. no. 7:21-25 Jl '61

Kononov, IU. V., and A. S. Nikiforov. [Improvements in the technique of bridge cranes] Usovershenstvovaniia v tekhnologii sborki mostovykh kranov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit lit-ry, 1961. 90 p. (Biblioteka slesaria-montazhnika, no. 5)

Loading and unloading of ties by means of grab cranes. D. P. Belov, L. V. Pyzhov. Put' i put. khoz 5 no 4: 43-45 Ap '61.

MKA-10 crane truck V. IAkovlev. Avt. transp. 39 no. 6:45-46 Je '61.

MKA-10 truck-mounted crane. A. M. Glokun, M. B. Khanutin, V. P. IAkovlev. Stroi. i dor mash. 6 no. 6:4-6 Je '61.

Modernized BKSM-1m-2 tower cranes. G. P. Tarakanov. Transp. stroi. 11 no. 7:51-52 Jl '61.

Modernizing the BKSM-1M tower crane. G. P. Tarakanov. Mekh. stroi. 18 no. 6:11-13 Je '61.

Modernizing the BKSM-3 tower crane. I. I. Abramovich. Mekh. stroi. 18 no. 6:13-15 Je '61.

CRANES, DERRICKS, ETC. (Continued)

NIIOMTP-58 crane for the rural construction of few-story buildings. V. I. Antelker, S. P. Epifanov. Stroi. i dor. mash. 6 no. 7 17-18 Jl '61

Needs for the improvement of the PKD-5 loading crane. M. A. Andreev. Put' i put. khoz. 5 no. 4:37 Ap '61

New two-lever hoisting derrick. Stroi. i arkhit. Lan. 23 no. 7 37 Jl '61.

Serostanov, G. I. [Mounting structural parts of a blast furnace with the BK-1425 crane] Montazh konstruktsii domennoi pechi kranom BK-1425. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 37 p. (Opyt pokazatel'nogo stroitel'stva promyshlennykh ob"ektov)

Shliapin, K. R. [The VARZ-1 small-bracket swing crane] Malogabaritnyi konsol'no-povorotnyi kran VARZ-1. Leningrad, 1961. 13 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Mekhanicheskaia obrabotka metallov, no. 13)

Single-phase braking of the turning drive of a traveling gantry crane. F. M. Lelner. Prom. energ. 16 no. 5 27-29 My '61.

Standard line of self-propelled boom construction cranes. Stroi. i dor. mash. 6 no. 6 13 Je '61

Using cable cranes for skidding lumber. M. I. Tret'iakov. Les prom. 39 no. 7 24-25 Jl '61

What the construction tower crane must be like. N. IA. Ivanenko, M. R. Mekler. Stroi. i dor. mash. 6 no. 6 11-12 Je '61

Working trenches with the help of a moveable crane. IU. Vetnikovskii. Sel'. stroi. 16 no. 6 27 Je '61.

CRANES, DERRICKS, ETC.—BRAKES

Changing the method of the fastening of ferodo brake lining. A. M. Novikov. Sbor. rats. predl. vnedr. v proizv. no. 2:68-69 '61

CRANES, DERRICKS, ETC.—ELECTRIC DRIVING

Electric crane. A. I. Al'perovich. Mekh. stroi. 18 no. 5 25 My '61

Static operating conditions of a regulated asynchronous electric drive with an electrohydraulic pusher. M. M. Sokolov, A. K. Arakelian. Izv. vys. ucheb. zav., elektromekh. 4 no. 6 76-80 '61

CRANES, DERRICKS, ETC.—ELECTRIC EQUIPMENT

Changing the design of slip rings. N. I. Pastukhov. Sbor. rats. predl. vnedr. v proizv. no. 2,50 '61.

CRANES, DERRICKS, ETC.—EQUIPMENT AND SUPPLIES

Automatic devices for engaging the anticreep clamps of rail cranes. A. G. Lysiakov. Stroi. i dor. mash. 6 no. 6:9-11 Je '61

Universal load limiter for construction cranes. I. L. Berkman, N. N. Kopeikina, S. S. Shchedrovitskii. Stroi. i dor. mash. 6 no. 6:7-8 Je '61

CRANES, DERRICKS, ETC.—FOUNDATIONS

Building frame supports under a 100-ton crane. S. N. Sabanеev, A. P. Sosiura. Prom. artel. 39 no. 5 53-55 '61

CRANES, DERRICKS, ETC.—STANDARDS

Standardization of crane mechanism and regulation of their operating conditions. G. A. Snesarev, L. V. Konovalov. Standartizatsiia 25 no. 8 15-19 Ag '61

CRANIOLOGY see subdivision under Kazakhstan; Merv

CRANKS AND CRANKSHAFTS

Device for machining crankshaft axles. P. M. Komashenko. Mekh. sil'. hosp. 12 no. 8 27 Ag '61

Improving the process of casting crankshafts out of highly resistant cast iron. M. S. Gvozdev. Lit. proizv. no. 8, 39-40 Ag '61

Production of cast iron crankshafts with spheroidal graphite for 6Ch 12/14 diesels. M. V. Voloshchenko and others. Lit. proizv. no. 8:41-42 Ag '61.

Replacement of the lower crankshaft of the 2D100 diesel locomotive without the use of a manipulating device. A. G. Baru. Elek. i tepl. tiaga 5 no. 5 23-24 My '61

CRAWLER TRACTORS

Combining high-speed T-75 crawler tractors. A. Solovetchik. Tekh. v sel'khoz. 21 no. 8:68-71 Ag '61.

DT-60 tractor. S. N. Averl'ianov, I. I. Kats, B. I. Ivanidi. Trakt. i sel'khozmash. 31 no. 9:13-14 Ag '61

Performance of crawler tractors with mounted excavating machinery. B. S. Sinitsyn. Trakt. i sel'khozmash. 31 no. 2:10-12 F '61.

Resistance of crawler tractors to turning. V. I. Salapin, B. M. Pozin. Trakt. i sel'khozmash. 31 no. 8:10-12 Ag '61

S-100B bog tractor. K. I. Zav'ialov. Trakt. i sel'khozmash. 31 no. 2:3-5 F '61.

CRAWLER TRACTORS—MAINTENANCE AND REPAIR

Device for disassembling and assembling the track tensioning mechanism. D. Farafonov, A. Gorlainov. Tekh. v sel'khoz. 21 no. 8:85-86 Ag '61.

Device for repairing the chassis of the DT-54 tractor. V. Navolotskii. Tekh. v sel'khoz. 21 no. 7:86-87 Jl '61

CRAWLER VEHICLES—MAINTENANCE AND REPAIR

[Technological aspects of the repair of crawler vehicles] Tekhnologiia remonta gusenichnykh mashin. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 466 p.

CREAM

Studying foaming in cream. A. D. Grishchenko. Izv. vys. ucheb. zav., pisch. tekh., no. 2 49-56 '60

CREAM SEPARATORS—VIBRATION

Investigation of vibration factors of a loaded drum in a cream separator. V. D. Surkov, A. E. Martyshkin, A. S. Nikolaev. Izv. vys. ucheb. zav., pishch. tekh. no. 2:93-98 '60

CREASE-RESISTANT FABRICS

Catalysts for crease resistant finish (from "Textile Manufacturer," February, March, 1960). L. S. Shub. Tekst. prom. 21 no. 4 76-80 Ap '61

CREATININE

Creatine-creatinine index in urine in poliomyelitis [with summary in French]. G. A. Korshunova. Zhur. nevr. i psikh. 61 no. 3:335-340 '61

CREATIVE ACTIVITIES AND SEAT WORK
(see also subdivision under Chuvashia; Lipetsk Province)

Painting, modeling, applique, and construction in the new kindergarten program. E. Kontsebinskaia. Doshk. vykh. 22 no. 8 13-19 Ag '61

Zhilkina, A. D., and V. F. Zhilkin. [Handwork in elementary schools] Ruchnoi trud v nachal'noi shkole. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1958. 230 p.

CREDIT

Aid further trade development with credit. M. Zotov. Den. i kred. 19 no. 7 14-20 Jl '61

"Credit and banks in Russia; from the middle of the 17th century to 1861" by S. IA. Borovoi. Reviewed by I. F. Gindin. Vop. ist. no. 7 139-151 Jl '61

State Bank's development during the years of the Soviet regime and some problems in short-term credit. M. S. Atlas, M. M. Usoskin. Nauch. zap. MFI. no. 11:175-253 '58

CREDIT, EXPORT see Export credit

CREEP OF MATERIALS

Hypothesis on the proportionality of stress deviators under conditions of creep in the case of variable loads and constant main axes. V. S. Namestnikov. PMTF no. 3:212-214 S-O '60.

Solutions based on the theory of strengthening to certain problems of the stability of plates and shells in conditions of creep. A. P. Kuznetsov, L. M. Kurshin. PMTF no. 4:84-89 N-D '60.

Unsteady creep in zero-torque shells. V. I. Rozenblium. PMTF no. 4 82-84 N-D '60.

CREEP OF METALS

Creep in duralumin under both constant and variable loads. V. S. Namestnikov, A. A. Khvostunkov. PMTF no. 4:90-95 N-D '60.

Temperature effect on the creep strength of metals with body-centered cubic lattices. N. N. Davidenkov, B. I. Smirnov, V. D. Troshevich. Fiz. tver. tela 3 no. 6 1731-1734 Je '61

CRESOL

High frequency titration. Determination of cresol isomers. B. P. Ershov, V. L. Pokrovskaia. Pisch. massy no. 7:65-68 '61

Method for determining ammonium dinitroorthocresolate (DINOK) for a comparative sanitary and hygienic examination of plant products treated with it [with summary in English]. I. P. Barchenko and others. Vop. pit. 19 no. 2:72-75 Mr-Ap '60.

CRICKETS

Postembryonic growth of ganglia of the central nervous system in the house cricket (Gryllus domesticus L., Orthoptera, Insecta). A. A. Panov. Dokl. AN SSSR 139 no. 1:230-233 Jl '61.

CRIME AND CRIMINALS

Decree of the Presidium of the Supreme Soviet of the U.S.S.R. of May 5, 1961 on "Intensification of the struggle against vicious criminal offenses." Biul. Verkh. Suda no. 3:21-22 '61.

Discussing the implementation of the Decree of May 4, 1961, enacted by the Presidium of the Supreme Soviet of the R.S.F.S.R. V. A. Serebriakova. Sov. gos. i pravo 31 no. 8 132-134 Ag '61.

How Soviet laws and the Soviet people struggle against loafers. A. S. Shliapochnikov. Sov. gos. i pravo 31 no. 8 61-70 Ag '61.

Some legal aspects of the struggle against antisocial groups and loafers who shun socially useful work. V. F. Kirichenko. Sov. gos. i pravo 31 no. 8:128-132 Ag '61.

Why they don't struggle against loafers? T. Kapustin. Sov. deput. trud. no. 8:63-68 Ag '61.

CRIME PREVENTION
(see also subdivision under Sumy Province)

How to prevent juvenile delinquency. G. Skipetrova, A. Parfenov. Sov. iust. no. 14 31 Jl '61

CRIMEA—ANTIQUITIES

Unknown materials from Tauri burial mounds in the Crimean Mountains. A. M. Leskov. Mat. i arkheol. Pivn. Prychor. no. 3 222-227 '60

CRIMEA—BANKS AND BANKING

Expand exchange of experience. R. Livshits. Den. i kred. 19 no. 7 71-72 Jl '61

CRIMEA—COMMUNITY CENTERS, MOBILE

Blue bus. S. Makarov. Sov. profsoiuzy 17 no. 13:45 Jl '61

CRIMEA—CONIFERAE

Tertiary conifer relicts of Crimea and their present habitat. K. P. Popov. Bot. zhur. 46 no. 5:965-700 My '61

CRIMEA—GEOLOGY, STRATIGRAPHIC

Stratigraphic division of the Maikop sediments in the Crimea. D. IE. Makarenko. Geol. zhur. 21 no. 3 93-97 '61

CRIMEA—GRAPES—VARIETIES

Better grape varieties for the Crimean and Kherson Economic Regions. G. B. Katartian. Visnyk sil'hosp. nauky 4 no. 8 50-54 Ag '61.

CRIMEA—HEALTH RESORTS, WATERING PLACES, ETC

Mass vacation towns. S. Shuiskii. Okhr. truda i sots. strakh. 4 no. 7 41 Jl '61.

CRIMEA—PALEOBOTANY—TERTIARY

Tertiary conifer relicts of Crimea and their present habitat. K. P. Popov. Bot. zhur. 46 no. 5:965-700 My '61

CRIMEA—POTATO MOSAIC VIRUS

Rugose mosaic of potatoes in its control in Crimean and Kherson Provinces. O. H. Abrashyna. Visnyk sil'hosp. nauky 4 no. 8:55-57 Ag '61

CRIMEA—TELESCOPE, RADIO

Telescopes are directed at the stars. .. V. Sazhin. Smena 38 no. 11:28-30 Je '61.

CRIMEA—UKRAINIAN LANGUAGE—STUDY AND TEACHING

Teaching the Ukrainian language in the Crimean schools. A. A. Kondratiuk. Ukr. mova v shkoli 11 no. 2 50-56 Mr-Ap '61

CRIMEA—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

Makedonskii, M. A. [Blaze over the Crimea; memoirs of the commander of the southern formation of partisan detachments in the Crimea] Plamia nad Krymom; vospominaniia komandira iuzhnogo soedineniia partizanskikh otriadov Kryma. Simferopol', Krymizdat, 1960. 252 p.
(MH)

CRIMES, POLITICAL see Political crimes and offenses

CRIMINAL INVESTIGATION

Electrographic methods used to bring out the marks of metal left on the objects of material evidence. G. S. IUrin. Sov. krim. na sluzh. sled. no. 13:40-69 '59.

For foreign studies in the field of criminal investigation. Sov. krim. na sluzh. sled. no. 13:115 '59

How the electron microscope helps to differentiate the coloring agents of ink strokes in the criminal examination of documents. V. M. Nikolaichik. Sov. krim. na sluzh. sled. no. 13:70-84 '59

Makarov, I. V. [Science in the service of justice] Kak nauka sluzhit pravosudiiu. Perm', Permskoe knizhnoe izd-vo, 1960. 42 p. (Populiarnaia iuridicheskaia biblioteka)

Rational sequence of various methods used to bring out the marks left by the sweat and fat of fingers. A. A. Vybornova. Sov. krim. na sluzh. sled. no. 13:35-48 '59.

Special features of the criminal examination of the imprints of seals and stamps made with one set of type or matrix. E. B. Mel'nikova, L. G. Edzhubov. Sov. krim. na sluzh. sled. no. 13:95-106 '59.

CRIMINAL JUSTICE, ADMINISTRATION OF

Avdeev, IU. I., and V. N. Strunnikov. [Rules of socialist public order and how our people help to maintain them] Pravila sotsialisticheskogo obshchezhitiia i uchastie obshchestvennosti v ikh okhrane. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 67 p.

In the Supreme Courts of the Union Republics. Biul. Verkh. Suda no. 3:46 '61.

The road to Lisbon. N. Keizerov. Sov. iust. no. 14:25 Jl '61.

CRIMINAL JUSTICE, ADMINISTRATION OF—BIBLIOGRAPHY see Bibliography—Criminal justice, Administration of

CRIMINAL LAW
(see also subdivision under Kazakhstan)
Some problems in the implementation of the new criminal and criminal procedure codes of the R S F S R G Anashkin Sov just no 14 14-16 Jl '61
The road to Lisbon N Kelzerov Sov just no 14 25 Jl '61
Some problems in the implementation of the new criminal and criminal procedure codes of the R S F S R G Anashkin Sov just no 14 14-16 Jl '61

CRIMINALS, REHABILITATION OF see Rehabilitation of criminals

CRINOTHENE see Polyethylene

CRITICAL POINT
Generalization of the Planck-Gibbs equation applied to caloric surfaces of state V V Sychev Zhur fiz khim 35 no 7 1638-1649 Jl '61

CROATIA—PEASANT UPRISINGS
"The peasant uprising of 1573 in Croatia, the history of land tenure and the class struggle in 16th century Croatia" by IU V Bromlei Reviewed by A E Moskalenko Vop ist no 8 156-158 Ag '61

CROCODILES, FOSSIL see subdivision under Zaysan Lake region

CROMWELL, OLIVER, 1599-1658
Barg, M. A. [Cromwell and his times] Kromvel' i ego vremia Izd. 2. Moskva, Uchpedgiz, 1960. 241 p. (NNC)

CROP ESTIMATING see Agricultural estimating and reporting

CROPS AND SOILS
Association of the pistachio with different geological classes of rocks in Turkmenistan I A Kliushkin Izv. AN Turk. SSR Ser biol. nauk no 2 62-66 '61

CROTONIC ACID
Kinetics of chlorine exchange in isomeric β-chlorocrotonic acids Part 3 Exchange of chlorine for alkoxy groups [with summary in English] T. A Kudriavtseva, N M Chirkov. Zhur. fiz khim 34 no 2 375-379 F '60
Quinones Part 37 Condensation of p-benzoquinone with anilides of β-aminocrotonic acids A. N Grinev and others Zhur ob. khim 31 no 7 2303-2306 Jl '61

CRUSHED STONE see Stone, Crushed

CRUSHING MACHINERY
Crushers with automatic feed regulation. L. I Logak, A A Dudko Mekh stroi 18 no. 6 23-25 Je '61
Replacement of crusher cones I. A. Alekseev. Put' i put khoz 5 no 4, 26-27 Ap '61.
Utilizing worked-out plates of jaw crushers. Shor. rats. predl. vnedr. v proizv. no 2:12 '61.

CRUSHING MACHINERY—SAFETY APPLIANCES
System for protecting a short-cone crushing machine from lubricant supply stopping. V I Dvoretinov, V A Sychev, Shor rats predl vnedr. v proizv. no 2:51 '61.

CRYOSCOPY
Possible use of cyanamide as a solvent in cryoscopy. N A. Gol'dberg, V G Golov Zhur VKHO 6 no. 4 467 '61

CRYSTAL LATTICES
Calculation of secondary extinction Part 2. A. V. Kuznetsov, IU. S. Terminasov Zhur tekh fiz 31 no 6 757-759 Je '61
Change in the lattice constants of solid solutions with the composition and Vegard's law. E. S Sarkisov. Zhur fiz khim. 34 no. 2 432-439 F '60
Characteristics of short-range order changes during the melting of certain semiconductors T. A Kontorova Izv AN SSSR, Otd tekh. nauk, Met. i topl. no 3:157-158 My-Je '61
Combined resonance of band electrons in crystals with a sphalerite lattice E. I. Rashba, V. I Sheka. Fiz tver. tela 3 no 6 1735-1749 Je '61
Method of quantum Green functions in the theory of optical bands in crystals. S. V Tiablikov, V A Moskalenko. Dokl. AN SSSR 139 no. 4 851-854 Ag '61.
Mosaic structure of metallic polycrystals and extinction effects Part 1. O. N Shivrin. Izv vys ucheb zav., fiz no. 1 115-123 '61
P-approximation in the theory of a diamond-type crystal lattice R. V. Bakradze, V. S. Mashkevich. Izv. vys ucheb zav., fiz. no. 1 35-40 '61
Shape of a thin twin situated at an angle to the surface A M Kosevich, L. A Pastur Fiz tver tela 3 no 6 1871-1875 Je '61
Symmetry of a molecule, fusion of a crystal and ordered state of a liquid IA B Zel'dovich Dokl AN SSSR 139 no 4 841-843 Ag '61
Theory of screening in the case of a many-valley electronic energy spectrum N V Fomin Fiz tver tela 3 no 6 1883-1886 Je '61
Theory of the moduli of elasticity of crystals V A. Zhdanov, V M Rubtsov Izv vys ucheb zav., fiz no 1 168-169 '61

CRYSTALLINE AND METAMORPHIC ROCKS see Rocks, Crystalline and metamorphic

CRYSTALLIZATION
Coprecipitation of microimpurities from a supersaturated solution under the effect of ultrasonic waves I. A. Korshunov, IU. S. Polikarpov. Radiokhimiia 3 no 1 501-503 '61.
Effect of ultrasonic waves on the formation of the primary crystallization structure G I Levin, I G Polotskii Izv AN SSSR Otd tekh. nauk Met i topl no. 3 167-169 My-Je '61.
Formation of large microscopic structures in polypropylene crystals V. A Kargin, G. P. Andrianova Dokl AN SSSR 139 no 1 874-876 Ag '61
Method of studying the kinetics of crystallization of supersaturated solutions. S. G. Babaian and others. Radiokhimiia 3 no. 4 391-395 '61.
Refining thallium by crystallization methods. T. I Darvoid, N V Vigdorovich, N A. Iordanskaia. Izv AN SSSR Otd tekh. nauk Met i topl no 3, 55-62 My-Je '61
Some mistakes in the investigation of coprecipitation and coprecipitation processes connected with the radiochemical contamination of radioactive isotopes G I Gorshtein Radiokhimiia 3 no 3 246-255 '61

CRYSTALS
Effect of admixtures in solution on the form of crystals [with summary in English]. S. A. Shofeiev. Geol. i geofiz. no. 6 31-39 '61.
Elastic constants of crystals Part 2 [translated from the English] H. B Huntington. Usp fiz nauk 74 no 3 461-520 Jl '61.
Measurement of the specific surface of nonporous disperse systems. M. A. Kerdivarenko. Zav. lab 27 no 8 1000-1002 '61.

CRYSTALS—DEFECTS
Concentration of vacancies in solids V. A. Il'kovlev. Izv vys ucheb zav., fiz no 1 113-116 '61
Effect of imperfections in tellurium films on the magnitude of the electron--hole mobility ratio. In' Shi-duan' [Ying Shih-tuan] A R. Regel' Fiz tver. tela 3 no 6 1683-1687 Je '61

CRYSTALS—ELECTRIC PROPERTIES
Electrodynamics of crystals and exciton theory. V L Ginzburg, A A. Rukhadze, V. P Silin Fiz tver. tela 3 no 6 1835-1850 Je '61.

CRYSTALS—GROWTH
Growing crystals in a school circle of chemistry. V. N. Ivanova, G L Platkina Sbor. stud nauch rab. Nauch. stud ob-va [Ar. gos ped. inst. no 3, 128-134 '59
Soveshchanie po rostu kristallov, 1st, Moscow, 1956. [Reports at the Conference on the Growth of Crystals] Doklady. Moskva, Izd-vo Akad. nauk SSSR, 1957. 374 p.
(ICMILC)
Supercooling of the melt and crystal growth according to Chokhral'skii. D. A Petrov, A A. Bukhanova. Dokl AN SSSR 139 no. 4 933-935 Ag '61.

CRYSTALS, ELECTRON STATE see Excitons

CUBA—CATHOLIC CHURCH
Saboteurs in cassocks Volov. ateist no. 1:62 Ja '61.

CUBA—COOPERATIVE SOCIETIES
Cooperatives in Cuban villages. Mezhdunar. zhizn' 8 no. 8 141-142 Ag '61.

CUBA—DESCRIPTION AND TRAVEL
Casimiro Calero, Khamid Guliam, Uzbekiston 20 no 6:10-11 Je '61.
The island of freedom. Oleksandr Mishakov. Ukraina no. 15:21-22 Ag '61.
Kamynin, L. I. [Hello, Cuba!] Zdravstvui Kuba! Moskva, Izd-vo "Izvestiia, 1960. 78 p. (Biblioteka "Izvestiia," no. 8)

CUBA—ECONOMIC CONDITIONS
The economy and finance of free Cuba, A. Dubrovskii, Fin. SSSR 22 no. 7:38-42 Jl '61.

CUBA—ECONOMIC POLICY
Fidel Castro on Cuba's problems. Nov. vrem. 10 no. 31: 3-5 Jl '61.

CUBA—FINANCE
The economy and finance of free Cuba, A. Dubrovskii, Fin. SSSR 22 no. 7:38-42 Jl '61.

CUBA—FOREIGN ECONOMIC RELATIONS—NORWAY
Norway is not far from us (to be continued) Gennadii Fish Znamia 31 no 8 139-156 Ag '61

CUBA—FOREIGN ECONOMIC RELATIONS—RUSSIA
Cuban cooperators in the U S S. R. Sov. potreb. koop. 5 no 7 1-2 Jl '61

CUBA—FOREIGN ECONOMIC RELATIONS—UNITED STATES
The failures of Washington in the struggle against Cuba M Kruglov Nov vrem 19 no 35:11-13 Ag '61

CUBA—FOREIGN RELATIONS—MONGOLIA
Visit the Cuban Government delegation to Mongolia Sovr Mong 6 no. 1 9 Ja '61

CUBA—HIGHWAY TRANSPORT WORKERS
Fraternal greetings from the highway transport workers of Cuba Juan Arnesto Lopez Avt transp 39 no 8 3-4 Je '61

CUBA—MOTION PICTURES, DOCUMENTARY
Open for love N Pavlova Ogonek 39 no 23-24 Je '61

CUBA—POLITICS AND GOVERNMENT
Accomplices in the aggression José María Rae Vern prof. dvizh no 6 10-11 Je '61
Cradle, G Borovik. Starsh. vozrazh. no 2 16 F '61
Cuba is struggling. V. Andrianov. Sov. profsoiuzy 17 no 15 11-15 Ag '61.
In work and in struggle. Ogonek 39 no 30-1 Jl '61
Soldiers of revolutionary Cuba. P. Ossovskii, V. Ivano. Sov. voin 43 no 16, 37-40 Ag '61.

CUBA—PUBLIC HEALTH
In revolutionary Cuba S M. Bliemener. Kul't i zhizn' 5 no. 7 30-10 '61

CUBA—RELATIONS (GENERAL) WITH RUSSIA
Cuban educators in the U S. S. R. V. Khorol'skii. Nar. obr., no 3 109 Ag '61
Greetings, young Cuba! Ogonek 39 no 29-1 Jl '61
Letters to the editor Ukraina no. 15:20 Ag '61

CUBA—THEATER
The theater in Cuba stands with its people Teatr 22 no 7 171-175 Jl '61.

CUCKOOS see subdivision under Amur Valley, Iturup Islands, Krasnoyarsk Territory

CUCUMBERS—FERTILIZERS AND MANURES
Effect of foliar feeding on the growth, development, and yield of cucumbers. G. Zapletniak Uch. zap. Ped. inst. Gertz 178:155-163 '59.

CULTIVATORS
GK-2, 5 cultivator for steep slopes A. N. Nedashkovskii, L. G TSyganenko Les khoz 11 no 7 55-58 Jl '61
How we modified the KLT-4, 65 cultivator. F. V Burlak Les. khoz 14 no. 7, 59-59 Jl '61
Investigating working parts of cultivators. Z. Przhigoda. Trakt. i sel'khozmash 31 no 2, 19-24 F '61
Self-propelled cutter T. Shkul'skaia. Zhil.-kom. khoz 11 no. 7 26 Jl '61.

CULTIVATORS—ATTACHMENTS
Attachment to cultivators V. Platonov. Sel'. mekh no 7:28-29 '61

CULTIVATORS—WHEELS
Cultivator wheels on ball bearings N. Vasilevskii Tekh v sel'khoz. 21 no. 7, 39 Jl '61

CULTURE
Culture and civilization; the problems of theory and history [with summary in English] TS. G Arzakantian. Vest. ist mir kul't. no 3 52-75 My-Je '61

CUMENE
Decomposition of isopropylbenzene hydroperoxide on asorbents R V. Kucher, V. A. Soroka Zhur. prikl khim. 34 no. 7-1573-1577 Jl '61.

CUPFERRON
Amperometric titration of thorium salts with cupferron [with summary in English] V. D. Vasilenko, F D Ostrovskaia, T S. Fomenko Zhur anal. khim 16 no. 4, 433-437 Jl-Ag '61

CUPOLA FURNACES
Mylko, S. N., ed. [Using natural gas in cupola furnaces] Primenenie prirodnogo gaza v vagrankakh. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961, 58 p.
[MICROFILM]
Performance of typical 10-ton cupolas equipped with sectional steel chills. O. M. Igant'ev, I. L Andreev. Lit. proizv. no. 7:21-22 Jl '61

CURIUM COMPOUNDS
Ion exchange method for the determination of the composition and instability constants of Am^{III} and Cm^{III} lactate complexes. I. A. Lebedev, G. N. IAkovlev. Radiokhimiia 3 no. 1 155-157 '61

CURLEWS see subdivision under Verkhoyansk region

CURRANTS
Controlled conditioning of black currant hybrids. E. P. Kuminov. Agrobiologiia no. 4:500-504 Jl-Ag '61.

How we propagate currants Khomik, Krikun, Tomashchuk. IUn nat no 7 32-33 Jl '61

CURVES, ISOTHERMIC
Isotherms or lines of equal overheating? N. G. Girshovich, IU. A Nekhendzi Izv. AN SSSR Otd tekh. nauk Met i topl no 3:140-142 My-Je '61

Shape of the critical isotherm near the critical point [with summary in English] A V Voronel' Zhur eksp i teor fiz 40 no 5:1516-1518 My '61.

CUSHING SYNDROME
Neurosecretion of the hypothalamus under normal and pathological conditions [with summary in French] E I Tarakanov. Zhur. nevr i psikh. 61 no. 5 713-724 '61

CUTTING MACHINES
Akademiia stroitel'stva i arkhitektury SSSR, Zapadno-Sibirskii filial. [Instructions for the manufacture and use of disks for cutting up reinforced-concrete articles] Instruktsiia po izgotovleniiu i ekspluatatsii diskov dlia razrezki zhelezobetonnykh izdelii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 29 p.

Device for cutting circular cartograms. P D Plotnikov. Sbor. rats. predl. vnedr v proizv no. 1 51 '61.

Machine for wire cutting. S. F. Korotenko. Sbor. rats. predl. vnedr. v proizv no 2,65 '61

Machines for cutting refractory materials. A. P. Agurin, B. I. Koloditskii. Mont. i spets rab v stroi. 23 no 7: 27-28 Jl '61.

Portable semiautomatic machine for cutting out holes. G N Strekalov, N. N. Kochkarev Mashinostroitel' no 7: 27 '61.

Sawing prestressed concrete slabs in Tashkent I. I Nikolaev Bet i zhel.-bet no 6 274-275 Je '61

CYANAMIDE
Possible use of cyanamide as a solvent in cryoscopy N A Gol'dberg, V G Golov Zhur VKHO 6 no 4 467 '61

Protective properties of cyanamide polymers. Z. I. Sergeeva, I. L. Khmel'nitskaia Tekst. prom. 21 no. 4:45-47 Ap '61

CYANOCOBALAMINE
Use of ethyleneimine in the selection of the produce of vitamin B_{12}. N. I. Zhdanova. Trudy Inst. mikrobiol. no. 10, 154-158 '61.

Vitamin B_{12} content of ensilages. IU. I. Raetskaia, Z I Zubrilina. Biul. nauch.-tekh. inform. VIZH no 1: 21-24 '58

CYANURIC ACID
Synthesis of cyanuric acid from urea. N I Maikina, S N. Kazanovskii Zhur. prikl khim. 34 no 7 1583-1587 Jl '61.

Synthesis of cyanuric acid from urea N. I. Maikina. Zhur prikl khim 34 no 7 1630-1632 Jl '61.

CYBERNETICS
Automatization of the operational planning processes of railroads G M. Kutyev. Vest. TSNII MPS 20 no. 4: 58-62 '61

Cybernetics in action A E. Kobrinskii. Kul't. i zhizn' 5 no 7-31-33 '61

Integrability of potential pulse forms. V. G. Lazarev, E I Pil'. Dokl. AN SSSR 139 no 3,556-559 Jl '61.

Petrov, A. P., and I. IA. Aksenov, eds. [Cybernetics and the automation of transportation] Kibernetika i avtomatizatsiia transportnykh protsessov; sbornik statei. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va puti soobshcheniia, 1960. 274 p.

Structural noise immunity of one class of closed dynamic systems. M. V. Meerov Dokl. AN SSSR 139 no. 4: 827-829 Ag '61.

Two booklets on the philosophical problems of cybernetics. I B Novik Vop filos. 15 no. 8:165-170 '61.

CYCLING
[Bicycling; collection of articles] Velosipednyi sport; sbornik statei. Moskva, Gos. izd-vo "Fizkul'tura i sport,"
No. 2. 1961. 251 p.

CYCLIZATION
Formation of polymethyleneammonium rings. Part I: Synthesis and transformations of some esters of diphenylacetic acid. S. G. Kuznetsov, D V Ioffe. Zhur ob khim. 31 no. 7:2209-2297 Jl '61.

Substances with complex-forming properties. Part 6: Synthesis of cyclic analogs of nitrilotriacetic and ethylenediaminotetraacetic acids. V G. IAshanskii, O I. Samoilova, M. N. Shchukina. Zhur ob. khim. 31 no. 7:2316-2321 Jl '61.

CYCLOHEXADIENE
Mechanism of cyclohexene and 1, 3-cyclohexadiene transformations on platinum films V M Grigorov, V I Shimulis Dokl. AN SSSR 139 no 4 870-873 Ag '61

CYCLOHEXANE
Catalytic isomerization of methylcyclopentane in liquid hydrogen bromide K. I Zhdanova, V M Basmanova, A I. Shatenshtein. Zhur ob khim 31 no 7 2131-2138 Jl '61

Transformations of cyclohexane on a palladium humbrin catalyst under hydrogen pressure N I Shuikin and others Izv AN SSSR Otd khim nauk no 7 1315-1319 Jl '61

CYCLOHEXANOL
Cycloalkylation of aromatic compounds. Part 18 Reaction of benzene with 1-cyclohexylcyclohexanol. N G. Sidorova, V IU Tolly Zhur ob khim 31 no 7 2149-2155 Jl '61

Cycloalkylation of aromatic compounds Part 19 Reaction of benzene with 1-cyclohexylcyclohexanol N G Sidorova, N I Frakman Zhur ob khim Jl no 7 2155-2158 Jl '61

CYCLOHEXENE
Mechanism of cyclohexene and 1, 3-cyclohexadiene transformations on platinum films V M Grigorov, V I Shimulis Dokl AN SSSR 139 no. 4 870-873 Ag '61

CYCLOPENTANE
Catalytic isomerization of methylcyclopentane in liquid hydrogen bromide K I Zhdanova, V M Basmanova, A I Shatenshtein Zhur ob khim 31 no 7, 2134-2138 Jl '61

CYCLOPROPANE
Detection of a three-membered ring in terpene compounds by means of infrared spectra G V. Pigulevskii, A I. Konokotina Zhur ob khim Jl no 7 2410-2413 Jl '61

CYCLOSILOXANE
Reaction of aluminum chloride with dialkylcyclosiloxanes A. A. Zhdanov, K A. Andrianov, A. A. Bogdanova. Izv AN SSSR, Otd khim nauk no 7 1261-1266 Jl '61

CYCLOTRON
Elastic scattering of 10 - 15 mev. α-particles on gold and aluminum [with summary in English] M P Konstantinova and others. Zhur. eksp i teor. fiz. 41 no 1 49-51 Jl '61.

Experimental study of electron capture by multiply charged ion [with summary in English] V. S. Nikolaev and others. Zhur. eksp i teor fiz 40 no 4:989-1000 Ap '61.

Some aspects of the theory of a cyclotron with an azimuthally varying magnetic field IU. A. Zavenialgin, R A Meshcheriov, E S Mironov. Atom energ. 11 no. 1:26-33 Jl '61

CYCLOTRON RESONANCE
Quantum cyclotron resonance in metals. I M. Lifshits. Zhur. eksp i teor fiz. 40 no 4:1235-1236 Ap '61

CYPRUS—DESCRIPTION AND TRAVEL
Cyprus D. Antonov. Nov vrem. 19 no 31:26-27 Jl '61

CYPRUS—HISTORY—BIBLIOGRAPHY
New studies on the history of Cyprus. B. T Gorianov. Vop ist no. 7, 186-187 Jl '61.

CYPRUS—RELATIONS (GENERAL) WITH RUSSIA
Birth of the new society "Cyprus - U. S. S. R." P. Goroshkin Kul't i zhizn' 5 no 7 21 '61

CYPRUS—TRADE UNIONS—CONGRESSES
The 12th Congress of the all-Cyprus Federation of Labor. Helena Teodorescu Vsem prof dvizh. no 7:21-26 Jl '61

CYSTEINE
Protective effect of cysteine hydrochloride in radiation desamination of glycine in aqueous solutions N A. Dyzhenkova. Radiobiologiia 1 no. 2,283-287 '61.

CYSTS
Clinical aspects and surgical treatment of colloid cysts of the third ventricle [with summary in French] V. I. Lerman. Zhur. nevr. i psikh 61 no 4 513-516 '61

CYTOCHROME OXIDASE
Activity of cytochrome oxidase in fractional irradiation by gamma rays of Co^{60}. M. IU. Taits. Vestsi AN BSSR, Ser. biial nav no 2 69-72 '61.

CYTOCHROMES
Dehydrogenase and cytochrome oxidase activity of levomycetin-resistant and sensitive typhoid bacteria [with summary in English]. G. M. Shub. Antibiotiki 6 no. 5:437-441 My '61.

CZECHOSLOVAKIA—AGRICULTURE—STUDY AND TEACHING
Graduation examinations in the stockbreeding department of an agricultural technical school F. Burda Sred. spets. obr. 8 no 7:61-62 Jl '61

CZECHOSLOVAKIA—ARMED FORCES
A large and close-knit family. T Hochsteiger, A Zrustek Blok agit [Sov Armii] no 15:41-13 My '61.

CZECHOSLOVAKIA—BIBLIOGRAPHY
[New literature on European people's democracies and Slavic studies Czechoslovakia] Nov lit po evrop stran. nar. dem i slav : Chekh no 5 '61.

CZECHOSLOVAKIA—BUILDINGS
Cities of the Czechoslovakian Socialist Republic V. Tairov, G Frumin Strol i arkhit 9 no 6 31-35 Je '61

CZECHOSLOVAKIA—CHEMISTRY—STUDY AND TEACHING
Some aspects of teaching applied chemistry in Czechoslovakian schools R Palous, F Pachman. Khim v shkole 15 no. 3 50-55 My-Je '60.

CZECHOSLOVAKIA—COAL MINES AND MINING
On a visit to our friends N. Veselov Sov shakht 10 no 3 38-39 Mr '61.

CZECHOSLOVAKIA—COMMUNIST PARTY
A session devoted to the 10th anniversary of the Communist Party of Czechoslovakia V V Martina Vop ist no 8 166-167 Ag '61.

CZECHOSLOVAKIA—CONTACT LENSES
Substitute for spectacles Starsh.-serzh no 1:26 Ap '61

CZECHOSLOVAKIA—CULTURE
Under the banner of socialism, interview with Comrade R Shmitz, general counsul of the Czechoslovakian People's Republic in Kiev Nauka i zhyttia 11 no 5 52-53 My '61.

CZECHOSLOVAKIA—DIESEL LOCOMOTIVES
New Czechoslovakian diesel switch engine (from "Zeleznični doprava a technika," no 2, 1961) Elek i teplovoz 5 no 5 48 My '61.

CZECHOSLOVAKIA—ECONOMIC CONDITIONS
Under the banner of socialism, interview with Comrade R Shmitz, general counsul of the Czechoslovakian People's Republic in Kiev Nauka i zhyttia 11 no 5 52-53 My '61.

CZECHOSLOVAKIA—GENETICS
Genetic research in Czechoslovakia. S. I. Alikhanian. Biul. MOIP. Otd. biol. 66 no. 4 140-143 Jl-Ag '61.

CZECHOSLOVAKIA—IRON AND STEELWORKERS
Friendship strong as steel. I. Kozlov. Sov. profsoiuzy 17 no. 13 31-32 Jl '61.

CZECHOSLOVAKIA—LOCAL GOVERNMENT
After a year of work. J. Fleissig, S. Stodolovsky. Sov. deput. trud. no. 8:103-107 Ag '61.

CZECHOSLOVAKIA—MACHINERY INDUSTRY
Territorial groupings of machinery manufacturing in Czechoslovakia I M. Maergoiz Vop geog no. 53. 7-26 '61

CZECHOSLOVAKIA—MOTOR SCOOTERS
"Czeta." Za rul. 19 no. 5:28-29 My '61

CZECHOSLOVAKIA—MOTORCYCLE INDUSTRY
Third five-year plan of the Czechoslovak motorcycle manufacturers. Za rul 19 no. 5 27 My '61

CZECHOSLOVAKIA—MUNICIPAL SERVICES
Ten days in Czechoslovakia I. Anisimova Zhil.-kom. khoz. 11 no 5 31-32 My '61.

CZECHOSLOVAKIA—POLITICS AND GOVERNMENT
Bystrina, Yvan. [People's democracy in Czechoslovakia. Translated from the Czech] Narodnaia demokratiia v Chekhoslovakii. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 265 p.

CZECHOSLOVAKIA—PUBLIC HEALTH
"Fifteen years of the new Czechoslovak public health system" [in Czech] Reviewed by F. V Gorodinskii. Sov. zdrav. 20 no. 8 89-90 '61

CZECHOSLOVAKIA—RELATIONS (GENERAL) WITH RUSSIA
Golden Prague welcomes the hero. Sov. foto 21 no. 7: 26-27 Jl '61

"We love you and we are grateful to you" [in Czech]. Reviewed by B. M. Rukol'. Ist. SSSR 5 no 1:215-216 Jl-Ag '61.

CZECHOSLOVAKIA—ROAD MATERIALS
Bituminous and tar emulsions in Czechoslovakian road construction. F. F. Lezhepekov. Avt. dor. 24 no. 7: 28 Jl '61.

CZECHOSLOVAKIA—SEMICONDUCTORS
Miraculous properties of semiconductors. Vaclav Sneidar Nauka i zhyttia 11 no 5 63 My '61

CZECHOSLOVAKIA—TANKS (MILITARY SCIENCE)
In the Kiev-Belaya-Tserkov Regiment. I. Glueckselig. Blok. agit. [Sov Armii] no. 22:40-41 Ag '61.

CZECHOSLOVAKIA—VOCATIONAL EDUCATION

Technical and production instruction in the schools of Czechoslovakia P Andrianov Shkola i proizv 5 no 7,85-89 Jl '61

DDT (INSECTICIDE)

Il'inskaia, N. B. [How DDT acts upon insects] Mekhanizm deistviia DDT na nasekomykh. Moskva, Izd-vo Akad nauk SSSR, 1961. 110 p.

Sensitivity of different flea species to DDT R. B. Kosminskii, R S Karandina, G. A Leikina Dokl AN SSSR 139 no. 4 1020-1022 Ag '61.

Simultaneous action of DDT and chlorophos. N. A. Tamarina. Vest. Mosk. un Ser. 6 Biol., pochv. 16 no. 4 34-37 Jl-Ag '61

DABA REGION—YEW

Unusual yew tree Z. I Datuashvili Priroda 50 no. 8: 116 Ag '61

DAGHESTAN—CATTLE BREEDS

Mountain cattle of Daghestan and measures for its transformation. S. I. Guseinov. Biul MOIP. Otd. biol. 66 no. 4 156 Jl-Ag '61.

DAGHESTAN—CORN (MAIZE)

Abduragimov, P. A., and N. N. Odoevskii. [Advanced corn growing practices in Daghestan] Peredovoi opyt vyrashchivaniia kukuruzy v Dagestane. [Makhachkala] Dagestanskoe knizhnoe izd-vo, 1959. 29 p. (Bibliotechka kukuruzovoda)
(DA)

Dagestanskii nauchno-issledovatel'skii institut sel'skogo khoziaistva. [Corn cultivation practices in Daghestan] Agrotekhnika vozdelyvaniia kukuruzy v Dagestane. [Makhachkala] Dagestanskoe knizhnoe izd-vo, 1959. 41 p. (Bibliotechka kukuruzovoda)
(DA)

DAGHESTAN—HISTORY

Dalgat, Abduragim. [In the fire of revolution; reminiscences] V ogne revoliutsii; vospominaniia. Makhachkala, Dagestanskoe knizhnoe izd-vo, 1960. 277 p.
(MH)

DAGHESTAN—INDUSTRIES

Viktorov, A. F. [Daghestan industry in a new upsurge] Promyshlennost' Dagestana na novom pod"eme. [Dagestan] Dagestanskoe knizhnoe izd-vo, 1959. 47 p.
[MICROFILM]

DAHLIAS—VARIETIES see subdivision under Siberia, Western

DAIRY BARNS

(see also subdivision under Ukraine)

Loose housing of dairy cattle A. L. Meiendorf. Dokl i soob VNIESKH no 4 157-159 '58

Recent developments in the mechanization of feed distribution in dairy barns V A Karasenko Trakt i sel'khozmash 31 no 8 26-28 Ag '61

DAIRY CATTLE

Systems of various intensity in dairy cattle raising and their effect on the constitutional features of animals [with summary in German] A P. Beguchev Biul nauch -tekh inform VIZH no 2 8-13 '58

DAIRY CATTLE—FEEDING AND FEEDS

(see also subdivision under Estonia)

The cow's milk on her tongue N Bobneva. IUn. nat no 7 10-11 Jl '61

Substance and energy metabolism in dairy cattle depending on the composition of coarse forage in the feed ration O I. Kamats'ka. Visnyk sil'hosp. nauky 4 no 8 81-85 Ag '61.

DAIRY INDUSTRY see subdivision under Yaroslavl Province

DAIRY INDUSTRY—HYGIENIC ASPECTS see subdivision under Kostroma Province

DAIRYING

(see also subdivision under Dzhambul; Kostroma Province)

Age of cows at the first calving and their evaluation on the basis of milk production in the first lactation period A. M Zorin, D. A. Kochenov. Biul. nauch. -tekh. inform VIZH no 1;3-6 '58

Paukov, S. M. [Over-all mechanization of a dairy farm] Kompleksnaia mekhanizatsiia molochnoi fermy. [Moskva] Mosk. rabochii, 1961. 35 p. (Liudi, dela, plany)
(DA)

Polynskii, P. A. [The road to skill; sketch] Put' k masterstvu; ocherk. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 31 p.
(DA)

DAIRYING—COSTS see subdivision under Armenia

DAKAR—DESCRIPTION

In Dakar, travel impressions. V. Sidenko. Nov. vrem. 19 no. 35;27-29 Ag '61.

DAMIAN, Bishop of Chernovtsy and Bukovina, 1699-

Nomination and ordination of Archimandrite Damian (Marchuk). Zhur. Mosk. Patr. no. 6;26-28 Je '61

DAMPING (MECHANICS)

Concerning the theory of a nonlinear damper with preliminary tightening-up at the elastic connection [with summary in English] M I Feigin Izv vys ucheb zav , radiofiz 4 no 2 339-353 '61

Gyroscopic damper of angular oscillations V. IU. Torochkov Trudy MIIGAIK no 44-66 '61

DAMS

(see also subdivision under Altata River; Charvak; Tsimlyansk Hydroelectric Power Station, Uzbekistan)

Effect of vertical drainage on the amount of counterpressure in the body of a concrete dam V N Zhilenkov Izv vys ucheb zav , stroi. i arkhit 4 no. 3,87-92 '61

Problem of the technical and economic comparison of types of high stone and earth dams V N Pospelov Sbor. trud MISI no. 32,35-38 '61

S. F. Medvedev's article, "A method of studying the strength of gravity dams " N M Borodachev. Izv vys ucheb zav , stroi i arkhit 4 no 3;176-177 '61

Some problems in planning high stone and earth dams P I Gordienko. Sbor trud MISI no 32 23-35 '61.

Study of the functioning of stratified anisotropic rock dam foundations. E. S. Bobinskii Sbor trud MISI no. 32 14-23 '61.

DANCING

[Dances] Tantsy. Moskva, Izd-vo "Sovetskaia Rossiia." (Bibliotechka khudozhestvennoi samodeiatel'nosti, no. 14)
No. 2. 1961. 58 p.

[Tree interpretive dances] Tri siuzhetnykh tantsa. Moskva, Gos. izd-vo "Iskusstvo," 1961. 122 p. (Repertuar khudozhestvennoi samodeiatel'nosti, no. 12)

DANON, OSKAR, 1913-

Oskar Danon. I. IAmpol'skii Sov. muz. 25 no. 7 94 Jl '61.

DANUBE—FISHERY LAW AND LEGISLATION

International relations in the field of the fishery science and fishing industry Ryb. khoz 37 no 6;84-85 '61.

DANUBE DELTA—DESCRIPTION

Danube Delta. Traian Savulescu Priroda 50 no. 8, 42-49 Ag '61

DARVAZA RANGE—BRACHIOPODA, FOSSIL

The brachiopod genus Neogypidula. B. K. Likharev. Dokl AN SSSR 139 no 1;203-205 Jl '61.

DARVINSKII ZAPOVEDNIK see Darwin Preserve

DARWIN PRESERVE—ZOOLOGICAL RESEARCH

Our studies on the animal world of the Darwin State Preserve R. I. Batishcheva. Sbor. stud nauch rab Nauch. stud ob-va IAr. gos ped. inst no. 3-111-116 '59

DARWINISM see Evolution

DATURA

Effect of light on the development and alkaloid accumulation of various Datura species. S. E. Shpilenia Uch zap. Ped. inst. Gertsa. 178-111-117 '59

DAVIS, JEROME, 1891-

Present from Lenin. P. Chumak Ogonek 39 no. 29-11 Jl '61

DAVYDOV, VADIM IVANOVICH

Anniversary of a stage-director. M. Mazur Teatr 22 no 7 167 Jl '61.

DAY NURSERIES

(see also subdivision under Archangel Province; Kuybyshev)

Organizing work in day nurseries. A. I. Stakhovskaia. Doshk vosp. 34 no. 7;15-17 Jl '61.

DEAF—EDUCATION

Zykov, S. A., and B. D. Korsunskaia. [Lessons in a school for the deaf and dumb] Urok v shkole glukhonemykh, sbornik statei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1954. 237 p.

DEAFNESS, INSTRUMENTS FOR see Hearing aids

DEATH—CAUSES

Gerlsen, P. A. [Causes of death following bilateral vagotomy in their relation to conditions of survival] Prichiny smerti posle dvustoronnei vagotomii v ikh sviazi s usloviiami vyzhivaniia. Moskva, Medgiz, 1960. 86 p.
(DNLM)

DECEMBRISTS—BIBLIOGRAPHY see Bibliography—Decembrists

DECOMPRESSION SICKNESS

Various causes and manifestations of pressure injuries of the lungs. V. IA Nazarkin. Voen. -med. zhur. no. 3; 65-67 Mr '61.

DECONTAMINATION (FROM GASES, CHEMICALS, ETC)

Decontamination of air in the manufacture of textolites. G. Z. Estpov, I P Rotenberg Plast. massy no 7,69-70 '61

DECORATION AND ORNAMENT

Aid for the amateur artist ("Ornamental design" by R Alaev, R. Raspopov. Reviewed by A. Sysoev). Starsh. -seirzh. no 4 40 Ap '61

DEEP-SEA DEPOSITS

Relationship between the radioactivity of sediments in the Sea of Azov and the Black Sea. I E Starik and others Dokl AN SSSR 139 no. 2;456-459 Jl '61

DEEP-SEA SOUNDING

Undermining the ship's engine at oceanographic drift stations A. B Zaklinskii, L. N. Nazaretskii Trudy MGI 19 103-111 '60

DEEP-SEA TEMPERATURE

Methods of determining reduction corrections for a deep-sea reversing thermometer B M. Gatsenko. Trudy Dal'nevost NIGMI no 13;60-79 '60

DEFENSE (MILITARY SCIENCE) see Attack and defense (Military science)

DEFENSE CONTRACTS see subdivision under United States

DEFENSES, NATIONAL see also subdivision 'Defenses' under Germany, West; United States

DEFICIENCY, MENTAL see Mental deficiency

DEFICIENCY DISEASES

Natanson, A. O. [Vitamin A and vitamin A insufficiency] Vitamin A i A-vitaminnaia nedostatochnost', Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 277 p.

Vitamin A deficiency in Romney-Marsh lambs during their acclimatization in Moscow Province [with summary in German]. L F Greben'kov Biul nauch -tekh inform. VIZH no. 2;90-94 '59.

DEFICIENCY DISEASES IN DOMESTIC ANIMALS

Calcium and phosphorus metabolism in high-productive cows with D-hypovitaminosis V. P. Dem'tanchuk Visnyk sil'hosp. nauky 4 no. 8;86-90 Ag '61

DEFOLIATION

Manifestation of evergreen characters in some relict tree species of the Talysh [with summary in English]. I. S. Safarov. Biul. MOIP. Otd. biol. 66 no. 4 85-92 Jl-Ag '61.

DEFORMATIONS (MECHANICS)

Analogy of the actions of raising the deformation rate and lowering the temperature in the transition of structural steels to the brittle state. V. A. Delle, A V Noskin. Izv vys. ucheb zav , fiz. no 1 124-129 '61.

Braun, M. P., and others. [Plastic deformation and heat treatment of large steel alloy parts] Plasticheskaia deformatsiia i teplovaia obrabotka krupnykh izdelii iz legirovannykh stalei. Moskva, Gos. nauchno tekhn. izd-vo mashinostroit. lit-ry, 1961. 216 p.

Conditions of the intersection of the lines of rupture stresses in flat plastic deformation. G. V. Ivanov. PMTF no. 4;73-74 N-D '60.

Effect of tension on plasticity in deformations effected by alternating torsion. F. P. Rybalko, A. V. Kostenko, L P Zelenin. Izv vys. ucheb. zav. , fiz. no 1 24-30 '61

Fragility and plastic deformations of sodium chloride. G. V Shubin. Izv. vys. ucheb. zav. , fiz no 1;98-103 '61.

Method of intersecting planes in the study of deformation distribution in the EI726 steels. M. P. Braun, L. D. Tikhonovskaia. Zav. lab. 27 no. 8;994-996 '61

Methods of investigating irreversible thermal deformation (survey) V. A. Likhachev. Zav. lab. 27 no 7 867-876 '61.

New methods for investigating the flow of metals. L. G Kostin. Trudy KhPI 21 Ser met. no. 4 131-132 '59

Phenomenon of the accumulation of deformations in an incompletely elastic solid subjected to periodic loading. D I Shil'krut. Izv. vys. ucheb. zav. , mashinostr. no 6 82-89 '61.

Postulate of plasticity. A. A. Il'iushin Prikl. mat i mekh 25 no. 3;503-507 My-Je '61.

Study of the plastic deformation of a metal having some deformation anisotropy produced by preliminary loading I. N. Izotov, IU I. IAgi. Dokl. AN SSSR 139 no 3;575-579 Jl '61

System of equations in the problem of the flexure of a round prismatic bar having an elliptic noncoaxial opening. IU. A Amenzade. Dokl. AN SSSR 139 no. 3;580-583 Jl '61.

Tensor characteristics of finite deformations of a continuum. V. D. Bondar'. Prikl. mat. i mekh. 25 no. 3; 508-518 My-Je '61.

Theory of the pressing of a stamp into a plastic medium V. A. Zhalnin, D. D. Ivlev. PMTF no. 3;214-216 S-O '60.

DEFORMATIONS (MECHANICS) (Continued)

Velocity field created by inserting a flat stamp into a plastic half-space G I Bykovtsev Prikl mat i mekh 25 no 3 552-553 My-Je '61

Widening a circular aperture in a rigidly plastic plate V V Sokolovskii Prikl mat i mekh 25 no 3 548-552 My-Je '61.

X-ray diffraction study of the phenomenon of recovery in brass Zh Zhorobekov, IU S Terminasov Izv AN Kir.SSR Ser est. i tekh nauk 3 no 1:51-55 '61

X-ray diffraction study of the recovery of plastically deformed copper. Zh.Zhorobekov, IU.S.Terminasov. Izv.AN Kir.SSR.Ser.est.i tekh.nauk 3 no.1 57-61 '61.

Zones of plastic deformation in foundations V V.Mikheev, R V Serebrianii, M I Smorodinov Osn., fund. i mekh. grun. 3 no. 3:12-13 '61

DEGENERATION, HEPATOLENTICULAR see Hepatolenticular degeneration

DEGLUTITION

Activity of the deglutition and respiratory centers during excitation of the superior laryngeal and vagus nerves under hyperventilation and exsanguination [with summary in English]. G.IA Prima, V.A Minkina. Fiziol.zhur. 46 no.3,305-309 Mr '60.

DEHYDRATION (CHEMISTRY)

Anisotropy of the rate of decomposition of solids. Part 1. Anisotropy of the rate of dehydration of potash alums [with summary in English]. V V.Boldyrev, IU A Zakharov. Zhur. fiz. khim 34 no 2:446-451 F '60

Dehydration of terpineol hydrate into terpineol. K.A. Bogdanov, L. A. Borovskaia, / T. Emel'ianenko Masl -zhir. prom. 27 no.7:40-41 Jl '61

DEHYDROGENASE

Dehydrogenase and cytochrome oxidase activity of levomycetin-resistant and sensitive typhoid bacteria [with summary in English]. G. M.Shub. Antibiotiki 6 no. 5.437-441 My '61.

DEHYDROGENATION

Dehydrogenation of n-octane and of the 250-320° synthine fraction in the presence of activated charcoal E A Timofeeva, V S Smirnov, V.I. Bogomolov Izv AN SSSR Otd khim nauk no 7 1320-1325 Jl '61

DELAY NETWORKS

Device for obtaining a wide range of time delay. M.F. Reingach. Prom. energ. 16 no.5:21-22 My '61.

Finkel'shtein, M.I. [Artificial lines Iskusstvennye linii. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 84 p. (Radiolokatsionnaia tekhnika)

Investigating of an "opposing rods"-type delay system. D.I.Voskresenskii, R.A.Granovskaia, L.N.Deriugin. Trudy MAI no.125 67-91 '60.

Investigation of a delay system with noncontacting plates. D.I.Voskresenskii and others. Trudy MAI no.125 43-66 '60.

Investigation of a single-thread spiral in a circular wave guide. D.I.Voskresenskii, R.A.Granovskaia. Trudy MAI no.125:92-97 '60.

Methods for measuring the electrical characteristics of delay systems in a case of poorly defined spatial harmonics. D.I.Voskresenskii, R.A.Granovskaia, L.N.Deriugin. Trudy MAI no.125 5-13 '60.

Methods for measuring the electrical characteristics of delay systems in the presence of strongly defined spatial harmonics. L.N.Deriugin. Trudy MAI no.125: 14-34 '60.

Study of a rectangular comb in a rectangular wave guide. D.I.Voskresenskii, R.A.Granovskaia. Trudy MAI no.125:35-42 '60.

Study of a "spiral groove"-type delay system. D.I. Voskresenskii, R.A.Granovskaia. Trudy MAI no.125: 88-103 '60.

DELIRIUM

Treatment of "acute delirium" [with summary in French]. S.Z.Rokhlenko. Zhur. nevr. i psikh. 61 no.3:426-427 '61.

DELIVERY OF GOODS (LAW)

Orders and contracts for the delivery of goods. N IAkhnina. Sov. torg 34 no. 6:40-42 Je '61

DEMENT'EV, GEORGII PETROVICH, 1899?-

Georgii Petrovich Dement'ev; on his 60th birthday. N.A. Gladkov. Ornitologiia no.2:289-294 '59.

DEMENTIA PRAECOX see Schizophrenia

DEMOCRACY

Bankruptcy of the bourgeois theories of "pluralist democracy." V. E. Guliev. Sov. gos. i pravo 31 no.8: 93-94 Ag '61.

DEMUT-MALINOVSKII, VASILII IVANOVICH, 1779-1846

Shmidt, I.M. Vasilii Ivanovich Demut-Malinovskii. Moskva, Iskusstvo, 1960. 208 p. plates. (Zhivopis', skul'ptura, grafika; monografii)
(MH)

DENMARK—FOREIGN ECONOMIC RELATIONS

"Denmark is for sale." P Kuhov, V Nikolaev Mezhdunar zhizn' 8 no 8 116-118 S '61

DENMARK—POLITICS AND GOVERNMENT

The Danish Social-Democrats are moving to the right. A.Mitonov. Mir.ekon.i mezhdunar.otn. no.8:99-103 Ag '61.

DENTIN

Method for determining the age of female sperm whales (Physeter catodon L.) A A Berzin. Dokl AN SSSR 139 no 2:491-494 Jl '61

DEPARTMENT STORES see subdivision under Belogorsk, Dnepropetrovsk; Virgin Territory

DEPRECIATION

Konkin, IU.A. [Depreciation of machinery in agriculture, economic principles for determining the life of tractors and machinery in agriculture] Amortizatsiia tekhniki v sel'skom khoziaistve; ekonomicheskie osnovy opredeleniia srokov sluzhby traktorov i mashin v sel'skom khoziaistve. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 174 p.
(DA)

DEPRESSION, MENTAL

Trace conditioned winking reflexes in patients with neuroses during the presence of depressive syndrome [with summary in English] G.S Sokolova. Zhur. vys nerv deiat 11 no. 3:422-424 My-Je '61.

DERIAN, VAHAN, 1865-1920

Alikhanian, S.T. [Vaan Terian; his public and political activities] Vaan Terian, obshchestvenno-politicheskaia i gosudarstvennaia deiatel'nost'. Erevan, Armgosizdat, 1960. 149 p.
(MH)

DERMATITIS see Skin—Diseases

DERMATOLOGY

Tolishevskii, I.A., and V.V. Shuvalov. [Reference book (atlas) on dermatology illustrated with photographs for the practicing physician] Fotoillustrirovannyi spravochnik (atlas) po dermatologii dlia prakticheskogo vracha. Pod obshchei red. I.A.Tolishevskogo. Tashkent, Gos. med. izd-vo M-va zdravookhraneniia UzSSR, 1960. 382 p.

DERMATOPHYTES

Epidermophytosis interdigitale and its treatment. P.G Gattsuk Fel'd i akush. 26 no 6 50-52 Je '61

DESERT FLORA see subdivision under Kazakhstan

DESERT WARFARE

Some peculiarities in supplying troops from the rear in desert areas P.Trifonov, G Ashin Tyl i snab Sov. Voor Sil 21 no 4-44-45 Ap '61.

DESIGN, INDUSTRIAL

For beauty in labor. M.F. Ladut and others. Sov. profsoiuzy 17 no 16:46-47 Ag '61

DESOXYRIBONUCLEIC ACID

Decrease of the amount of thymine in the desoxyribonucleic acid of gamma-irradiated pea seedlings. V.I. Tokarskaia Radiobiologiia 1 no. 2,193-199 '61.

Effect of ionizing radiation on the polymolecular structure of desoxyribonucleic acid in living cells. V.A. Struchkov, N.B.Strazhevskaia Radiobiologiia 1 no 2:172-175 '61.

Investigation of changes in the polimerization spectrum to desoxyribonucleic acid irradiated in vivo and exposed to the action of desoxyribonuclease in vitro. V.A. Struchkov, A.M Kuzin Radiobiologiia 1 no. 2:153-160 '61.

Structural changes in the desoxyribonucleic acid of rat organs following total-body irradiation A.M. Kuzin, N B. Strazhevskaia, V. A. Struchkov. Radiobiologiia 1 no. 1:10-13 '61.

DESOXYRIBONUCLEIC ACID—ELECTRIC PROPERTIES

Electrooptical properties of desoxyribonucleic acid solutions. G.A. Dvorkin. Biofizika 6 no 4:403-409 '61.

DESULFURATION

Continuous cast-iron desulfuration. K. Shcherbakov. Mashinostroitel' no.7:17 '61.

DETERMINATIVE MINERALOGY see Mineralogy, Determinative

DETERMINISM AND INDETERMINISM see Free will and determinism

DEUTERIUM

Effect of substituting deuterium for hydrogen on the velocity of sound and the compressibility of liquids [with summary in English]. I. B. Rabinovich. Zhur. fiz. khim. 34 no. 2,423-431 F '60.

Isotopic exchange reactions involving a hydrogen of alkyl halides Report No 1 Hydrogen exchange of tertiary alkyl bromides in anhydrous acetic acid in the presence of aprotic acids E.V Bykova, V N Setkina, D N. Kursanov Izv AN SSSR Otd khim nauk no 7 1303-1305 Jl '61.

Ivanova, T.F., M.E. Trentovius, and V.V. Fedorov. [Industrial apparatus for the determination of hydrogen in metals by the spectral-isotopic method] Zavodskoi variant ustanovki dlia opredeleniia vodoroda v metallakh spektral'no-izotopnym metodom. Leningrad, 1961. 18 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Kontrol' kachestva produktsii, no.2)

Penetration of fast deuterium ions into metals V. M Gusev and others Zhur tekh fiz 31 no 6 749-750 Je '61

DEUTERIUM CRYSTALS

Neutron diffraction study of the crystalline structure of solid hydrogen and deuterium Zhur eksp i teor. fiz 40 no. 4:1022-1026 Ap '61.

DEUTERIUM OXIDES

Alikhanov, A.I., and others. [Heavy water experimental reactor for physical research] Opytnyi fizicheskii reaktor s tiazheloi vodoi. Moskva, 1955. 15 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

DEUTERONS

Establishing a quantum-field deuteron theory A.N.Kushnirenko Izv vys ucheb. zav., fiz no 2 52-54 '61

DEUTERONS—SCATTERING

Elastic scattering of 13,6 Mev deuterons by nuclei. Part 2 [with summary in English] IU.V Gofman, O.I. Nemets. Zhur eksp. i teor. fiz 40 no. 2 177-178 F '61

DEVELOPMENT see Growth

DIABASE see subdivision under Siberian Platform

DIABETES

Diabetes and arteriosclerosis. I. Magyar. Vest. AMN SSSR 16 no. 3:3-9 '61.

DIALECTIC

The development of objective laws [with summary in English, p 185]. G M Shtraks Vop. filos 15 no 7: 62-72 '61

The forms of dialectical unity in social development [with summary in English, p 184] B.S Ukraintsev. Vop filos 15 no 7:49-61 '61.

President of the Rumanian Academy of Sciences has visited the Faculty of Philosophy of Moscow University M. Gandrabura Vest Mosk un Ser 8 Ekon., filos 16 no 4 92-94 Jl-Ag '61

DIALECTICAL MATERIALISM

Baskin, M.P. [Philosophy and life] Filosofiia i zhizn'. Moskva, Izd-vo "Znanie" Vses.ob-va po rasprostr. polit. i nauchn. znanii, 1961. 39 p. (Narodnyi universitet kul'tury)

Baskin, M.P. [What philosophy is] Chto takoe filosofiia. Izd. 2., dop. [Moskva] Mosk. rabochii, 1958. 70 p. (Obshchedostupnaia biblioteka po filosofii)
(IEN)

Chugaev, A.M., ed. [Teaching methods and the study of V.I. Lenin's book "Materialism and empiriocriticism"] Voprosy metodiki prepodavaniia i izucheniia knigi V.I.Lenina "Materializm i empiriokrititsizm." [Moskva] Vysshaia shkola, " 1961. 211 p.

Correlation of historical and logical methods in V.I Lenin's book "Materialism and empiric criticism " A. K. Sukhotin Trudy TGU 149 28-34 '60

The development of Marxist philosophical materialism from pre-Marxian materialism and their correlation I.I Shumilov Sbor. st. Irk VPSH no 1,95-118 '59

"The dialectic of abstract and concrete concepts in the "Capital" of K. Marx" by E V. Il'enkov Reviewed by G.S Batishchev, IU N Davydov Vop. filos. 15 no 8 161-165 '61.

From the editor Trudy TGU 149,3-4 '60.

How Marx overcame the ideology of Hegel and Feuerbach in his "Economic and philosophical manuscripts" [with summary in English, pp. 185-186]. O. Kornu Vop. filos. 15 no 8 88-100 '61

Kosichev, A.D. [How V.I. Lenin developed dialectical and historical materialism during the struggle for the establishment of the Marxist party in Russia, from 1894 to 1904] Razvitie V.I. Leninym dialekticheskogo i istoricheskogo materializma v period bor'by za sozdanie marksistskoi partii v Rossii, 1894-1904 gg. Moskva, Izd-vo "Znanie," 1961. 46 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser.2, Filosofiia, no.11)

Russia (1923- U.S.S.R.) Upravlenie prepodavaniia obshchestvennykh nauk. [Recommended subjects for test and term papers on dialectical and istorical materialism; for correspondence schools and the correspondence departments of institutions of higher learning] Primernaia tematika kontrol'nykh i kursovykh rabot po dialekticheskomu i istoricheskomu materializmu; dlia zaochnykh vysshikh uchebnykh zavedenii i zaochnykh otdelenii vuzov. Moskva, Gos. izd-vo polit. lit-ry, 1961. 63 p.

DIALECTICAL MATERIALISM (Continued)

Shtraks, G.M. [The subject matter of dialectical and historical materialism] Predmet dialekticheskogo i istoricheskogo materializma, Moskva, Gos. izd-vo "Vysshaia shkola," 1960. 58 p. (Materialy k lektsiiam po dialekticheskomu i istoricheskomu materializmu)

Some dialectical problems in V. I. Lenin's book "Materialism and empiric criticism." A. I. Uvarov. Trudy TGU. 149: 5-27. '60.

Some problems of historical materialism in V. I. Lenin's work "Materialism and empiric criticism." L. V. Altakinskii. Trudy TGU. 149: 88-95. '60.

Suvorov, L. N. [How the Marxist-Leninist philosophy of the U.S.S.R. struggled against bourgeois ideology and revisionism during the transition from capitalism to socialism] Bor'ba marksistsko-leninskoi filosofii v SSSR protiv burzhuaznoi ideologii i revizionizma v perekhodnyi period ot kapitalizma k sotsializmu [Moskva] Izd-vo Mosk. univ., 1961. 124 p.

DIAMAGNETISM

Diamagnetic perturbations in media due to ionizing radiation [with summary in English]. G. A. Askar'ian. Zhur. eksp. i teor. fiz. 41: no. 1: 186-189. Jl '61.

DIAMOND CRYSTALS

Surface tension of germanium, silicon, and diamond [with summary in English]. B. V. Beloguzov. Zhur. fiz. khim. 34: no. 2: 440-443. F '60.

DIAMONDS

(see also subdivision under Yakutia)

Leningrad. Vsesoiuznyi geologicheskii institut. [Materials on the study of diamonds and diamond-potential districts in the U.S.S.R.] Materialy po izucheniiu almazov i almazonosnykh raionov SSSR. Leningrad, 1960. 186 p. (Materialy, no. 40)

DIAMONDS, INDUSTRIAL

Vakser, D. B., ed. [Practice in making and using diamond cutting tools] Opyt izgotovleniia i primeneniia almaznogo instrumenta. Leningrad, Leningr. Dom nauchno-tekhn. propagandy, 1961. 67 p.

DIAPAUSE

Effect of host hormones on the diapause in Pieromalus puparum L. (Hymenoptera, Chalcidoidea). V. A. Maslennikova. Dokl. AN SSSR. 139: no. 1: 249-251. Jl '61.

Physiological characteristics of larval development in the Chinese tussah moth (Antheraea pernyi G.-M.) under conditions of a long and short light day [with summary in English]. R. S. Ushatinskaia. Zool. zhur. 40: no. 7: 1030-1038. Jl '61.

DIATOMACEOUS EARTH

Transformations of isopropenylcyclopropane in the presence of kieselguhr. M. IU. Lukina and others. Dokl. AN SSSR. 139: no. 2: 381-384. Jl '61.

DIATOMS see subdivision under Georgia, Ladoga Lake region, Leningrad Province)

DIATOMS, FOSSIL see subdivision under Onega Valley

DIAZO COMPOUNDS

Diazo compounds. Part 13: Diazotization of aromatic amines with nitrite in an acetic acid solution and its substituted compounds. V. V. Kozlov, B. I. Belov. Zhur. ob. khim. 31: no. 7: 2206-2211. Jl '61.

Diazo compounds. Part 14: Diazotization of aromatic amines with nitrite in solutions of saturated carboxylic acids. B. I. Belov, V. V. Kozlov. Zhur. ob. khim. 31: no. 7: 2212-2215. Jl '61.

Part 15: Diazotization of aromatic [illegible] in oxycarboxylic acids. V. V. Kozlov [illegible]. 31: no. 7: 2217-2221.

[illegible] rances with boric and [illegible]lo analogs. B. M. [illegible]N SSSR. 139: no. 2:

[illegible]DETHANE see

[illegible]ribonucleic acid [illegible]ika. 6: no. 4: 403-409.

[illegible]clohexylamine nitrite, [illegible]h summary in Eng[illegible]eva, V. P. Peresian[illegible]1474-1477. Jl '61.

[illegible]ng] Lit'e pod nizkim [illegible]o-tekhn. izd-vo ma[illegible]

[illegible]y I. I. Sidorin, V. I. [illegible]shinostr. no. 6:

DIELECTRIC HEATING

Theory of the mechanism of current pulses and shock waves arising in the heating of a metal by high-density electric current pulses. N. A. Protopopov, V. M. Kul'gavchuk. Zhur. tekh. fiz. 31: no. 5: 557-561. My '61.

DIELECTRIC LOSS

Shape of the infrared absorption band and dielectric losses occurring in ionic crystals at superhigh frequencies. V. S. Vinogradov. Fiz. tver. tela. 3: no. 6: 1723-1730. Je '61.

DIELECTRICS

Dielectric losses in Czechoslovakian condenser dielectric paper. V. T. Renne, M. N. Morozova, A. Ryshavyi. Izv. vys. ucheb. zav., elektromekh. 4: no. 1: 132-135. '61.

Glass with high dielectric permeability. V. A. Iofee, Z. N. Zonn. Fiz. tver. tela. 3: no. 6: 1902-1901. Je '61.

Mechanism of selective linear corrosion [with summary in English]. L. L. Rozenfel'd, I. K. Marshakov. Zhur. fiz. khim. 35: no. 6: 1265-1269. Je '61.

Passage of intense pulse electron beams through dielectric tubes. A. K. Berezin and others. Zhur. tekh. fiz. 31: no. 6: 751-753. Je '61.

Ranges of validity of the method for smooth perturbations in the problem of propagation of radiation through a medium with nonhomogeneities. V. V. Pisareva. Izv. vys. ucheb. zav., radiofiz. 4: no. 2: 376-377. '61.

DIES (METALWORKING)

Feigel'son, IA. L., M. S. Porter, and V. I. Zaitsev. [Making sectional hard-alloy dies] Opyt izgotovleniia sostavnykh tverdosplavnykh shtampov. Leningrad, 1961. 20 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Mekhanicheskaia obrabotka metallov, no. 2)

Improved design of the bending die. D. A. Veintraub. Mashinostroitel', no. 7: 28-29. '61.

DIES (METALWORKING)—STANDARDS

Standardization and specialized manufacture of stamps and die-casting molds. I. A. Sidorov. Standartizatsiia. 25: no. 8: 12-14. Ag '61.

DIESEL ELECTRIC POWER PLANTS

New stationary diesel-powered DG1-200 electric generator. Prom. energ. 16: no. 5: 63-64. My '61.

DIESEL ENGINES

(see also subdivision under Great Britain)

Efficient technological process for the founding of diesel sleeves. IU. A. Lebedev. Lit. proizv., no. 7: 14-15. Jl '61.

The family of SMD diesels. I. A. Koval'. Trakt. i sel'khozmash. 31: no. 2: 1-3. F '61.

New developments in diesel engineering abroad (to be concluded). V. IU. Gittis. Energomashinostroenie. 7: no. 6: 17-49. Je '61.

Principal trends in designing the pistons of high-speed diesel engines. S. N. Doroshenko, V. V. Kotliarov. Energomashinostroenie. 7: no. 4: 42-44. Ap '61.

Results of the study of the working conditions of the diesel engine crank roller bearings. I. D. Shteinberg. Vest. TSNII MPS. 20: no. 4: 32-35. '61.

So diesels may operate more safely. N. P. Khanitonov. Vest. protivopozhar. obor. no. 5: 25-27. My '61.

DIESEL ENGINES—COOLING

Investigating temperature fields of cylinder walls and the head of an air-cooled diesel engine. A. A. Vvedenskii. Dokl. TSKhA. no. 55: 207-219. '60.

DIESEL ENGINES—EQUIPMENT AND SUPPLIES

Unified dimensional lines of diesel engine speed regulators. IU. I. Goncharenko. Energomashinostroenie. 7: no. 6: 38-41. Je '61.

DIESEL ENGINES—MAINTENANCE AND REPAIR

Adjusting gears of the timing mechanism. A. Achkasov. Sel'. mekh. no. 7: 35-36. '61.

Rempel', A. I., IU. Z. Perel'man, and A. M. Mikhailovskii. [Repairing the cylinder-piston system of the 2D100 diesel engine; practices of the Tashkent Diesel Locomotive Depot] Remont tsilindro-porshnevoi gruppy dizelia 2D100; iz opyta Tashkentskogo teplovoznogo depo. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 38 p. (Bibliotechka slesaria po remontu teplovozov)

Without flaws. F. Plakushchii. Sel'. mekh. no. 7: 20-22. '61.

DIESEL ENGINES—OIL FILTERS

New fuel filter elements for diesel tractors. A. M. Pimenov. Trakt. i sel'khozmash. 31: no. 8: 8-10. Ag '61.

Silk cases for filtering elements. N. Khrushch. Tekh. v sel'khoz. 21: no. 7: 68. Jl '61.

DIESEL ENGINES—TESTING

Investigating the performance of the D-40 diesel engine under loading and braking conditions. V. I. Anokhin, V. A. Chernyshev, M. A. Orlov. Dokl. TSKhA. no. 55: 143-150. '60.

Performance of the Tatra-924 air-cooled diesel engine at high temperatures of the environment. A. A. Vvedenskii. Dokl. TSKhA. no. 55: 194-206. '60.

DIESEL ENGINES—VALVES

Device for reseating the valves of pump and injector units. V. Zimovtsev. Avt. transp. 39: no. 6: 53. Je '61.

Experimental determination of the consumption coefficients of intake and exhaust valves of the D50 diesel engine. A. S. Epshtein. Energomashinostroenie. 7: no. 6: 27-28. Je '61.

DIESEL FUELS

Economic effect of diesel fuel quality improvement. A. N. Basov and others. Khim. i tekh. topl. i masel. 6: no. 6: 1-11. Je '61.

DIESEL LOCOMOTIVES

(see also subdivision under Czechoslovakia, Kolomna)

Calculation of the optimum weakening of the field of the traction motor of a diesel locomotive. A. IA. Lerkhe. Izv. vys. ucheb. zav., elektromekh. 4: no. 5: 11-19. '61.

Effect of the wear of the fuel system on the operation of the D50 diesel locomotive. V. F. Bobrov, T. I. Fomenkov. Elek. i tepl. tiaga. 5: no. 5: 26-28. My '61.

Faults in the current limiting network of the main generator. D. G. Evdakov. Elek. i tepl. tiaga. 5: no. 5: 38. My '61.

Hydraulic transmission system of the TG102 diesel locomotive. S. A. Studentsov, B. D. Zimarev. Elek. i tepl. tiaga. 5: no. 5: 31-35. My '61.

Modernization of the T11Z diesel locomotives. G. A. Moiseev. Zhel. dor. transp. 43: no. 7: 20-24. Jl '61.

Operation of diesel locomotives on prolonged haul distances with trips beyond the limits of the railroad districts. A. K. Kimstach. Elek. i tepl. tiaga. 5: no. 5: 12-16. My '61.

Use of diesel locomotives in switching operations. N. I. Dmitriev. Zhel. dor. transp. 43: no. 6: 65-66. Je '61.

Zavarskii, E. V., and E. N. Babin. [Eliminating defects in the TE3 diesel locomotive] Ustranenie neispravnostei teplovoza TE3. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 50 p. (Bibliotechka mashinista teplovoza)

DIESEL LOCOMOTIVES—COOLING

Improving the performance of the cooling system of the TEZ diesel locomotive. G. N. Strokov. Zhel. dor. transp. 43: no. 7: 25. Jl '61.

DIESEL LOCOMOTIVES—ELECTRIC EQUIPMENT

Shouldn't the location of the spot light be changed on diesel locomotives. V. I. Minaev. Elek. i tepl. tiaga. 5: no. 5: 45. My '61.

DIESEL LOCOMOTIVES—EQUIPMENT AND SUPPLIES

Use of capron fiber in air filters. I. IU. Belmavskii, O. V. Savel'eva. Elek. i tepl. tiaga. 5: no. 5: 11. My '61.

DIESEL LOCOMOTIVES—MAINTENANCE AND REPAIR

Replacement of the lower crankshaft of the 2D100 diesel locomotive without the use of a manipulating device. A. G. Baru. Elek. i tepl. tiaga. 5: no. 5: 24-24. My '61.

Replies to the inquiries of our readers. Elek. i tepl. tiaga. 5: no. 5: 43. My '61.

The trademark of a plant should be respected. Elek. i tepl. tiaga. 5: no. 5: 15. My '61.

DIET

(see also subdivision under Kushva District; Tajikistan, Vakhshsk Valley)

Alimentary reaction with a varying chemical composition of food rations [with summary in English]. K. V. Sergeeva. Vop. pit. 19: no. 2: 55-60. Mr-Ap '60.

Enzyme-secreting function of the intestine in dogs with exclusion of pancreatic secretion and maintained on different diets [with summary in English]. O. I. Shvetsova. Vop. pit. 19: no. 2: 48-54. Mr-Ap '60.

School for therapeutic and effective cooking. A. V. Khotkin, M. L. Belkin. Vop. pit. 19: no. 2: 95. Mr-Ap '60.

DIET IN DISEASE

Current problems in the diet therapy of burns. I. S. Kolesnikov, P. I. Shilov, P. V. Pilipshin. Voen.-med. zhur. no. 8: 32-38. Ag '60.

Effect of a low-salt diet with restricted fats on the dynamics of lipoproteins in the blood serum of patients with atherosclerosis. V. E. Anisimov. Vop. pit. 19: no. 2: 18-22. Mr-Ap '60.

Effect of various anti-atherosclerotic diets on the elimination of cholesterol in patients with coronary atherosclerosis [with summary in English]. G. S. Korchkina, IU. M. Nemenova, E. G. Paramonova. Vop. pit. 19: no. 2: 23-30. Mr-Ap '60.

Suvorin, A. A. [Treating illnesses with diet] Ozdorovlenie pishchevu. Izd. 3. Buenos Aires, Izd-vo "Selatel'," 1960. 287 p.

(NN)

DIET IN DISEASE—BIBLIOGRAPHY see Bibliography—Diet in disease

DIFFERENCE EQUATIONS

Implicit numerical difference methods for solving the n-dimensional heat equation N. N IAnenko Izv vys ucheb zav , mat no 1 118-157 '61

Limiting conditions in the design of shallow shells by a method of finite differences L F Berezovskii. Shor nauch rab Inst budi i arkhit AN BSSR no 3,15-53 '60

Necessary and sufficient conditions for the stability of systems of difference equations V IA Urm Dokl AN SSSR 139 no 1 40-43 Jl '61

Systems of linear difference equations A G Naftalevich Mat sbor 54 no. 1 91-122 My '61

DIFFERENTIAL EQUATIONS

Approximate solution of the differential equation $y^{(n)} = f(x, y, y', \ldots, y^{(n-1)})$ [with summary in English] V. F Krapivin, G. B Linkovskii Vest LGU no 13 166-169 '61

Approximate solutions of the Thomas-Fermi equation for atoms A N Men' Izv vys ucheb zav , fiz no 2 43-45 '61

Asymptotic features of equations describing a large sag in a circular symmetrically loaded plate I S Srubshchik, V I IUdovich Dokl AN SSSR 139 no 2;341-344 Jl '61

Boundary value problems with conditions at $+\infty$ IU A Klokov Dokl AN SSSR 139 no 1-799-801 Ag '61

Boundedness of solutions to certain nonlinear differential equations of the third order. V. S. Pliss. Dokl AN SSSR 139 no 2;302-304 Jl '61

Circular motions of bound pendulums. V. S. Serebriakova Izv. vys. ucheb. zav. ; mat no. 3;103-108 '61

Circular movements of bound pendulums Part 2 V S Serebriakova, E. A Barbashin Izv vys ucheb zav mat no 4 112-118 '61

Combined use of the method of intermediate integration and the theory of similarity in solving problems of convective heat transfer L I. Kudriashev, N F. Romeiko. Shor nauch trud Kuib indus inst no. 8 197-205 '59

Concerning some common properties of Liapunov's functions JU. I. Neimark Izv. vys ucheb zav , radiofiz 4 no 2 379-380 '61.

Conditions for the correctness of one-dimensional mixed problems. M. L Rasulov Dokl AN SSSR 139 no 2, 305-308 Jl '61

Continuous integrals and fundamental solutions of operator equations. IU. L. Daletskii. Izv vys ucheb zav , mat no. 3;27-48 '61

Corroboration of Galerkin's method for equations with delayed arguments. S S. Gaisarian Prikl mat i mekh 25 no 3 587-590 My-Je '61

A criterion for the solvability of a two-point boundary problem [with summary in English] I IA Bakel'man, M. A Krasnosel'skii Vest LGU no 13 161-163 '61.

Electric integrator for simulating a special solution of Poisson's equation. O. V. Tozoni. Izv vys. ucheb zav. ; elektromekh 4 no. 3;3-16 '61.

Estimation of disturbances in solutions of ordinary differential equations Part 2 [with summary in English] V. M Alekseev Vest Mosk un Ser. 1 Mat , mekh 16 no 3 3-10 My-Je '61.

Method of successive approximations in the theory of equations with concave operators I A Bakhtin, M A Krasnosel'skii Sib mat. zhur 2 no. 3;313-330 My-Je '61

Numerical method of the approximate solution of a differential equation containing a nonlinearity of the kind f(x, x). V. A. Grigor'eva Shor. nauch trud Kuib indus inst. no 8; 271-273 '59.

One boundary value problem for the equation of the bending of a thin plate A F. Khrustalev, V. A Vainshtein Izv. vys ucheb. zav., mat. no 4 119-124 '61

Fedriagin, L. S. [Ordinary differential equations] Obyknovennye differentsial'nye uravnenila, Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961, 311 p.

Potential method for integrating mechanical equations [with summary in English] S. N Kirpichnikov. Vest LGU no 13 103-110 '61.

Qualitative integration of a system of n differential equations in a region containing a singular point and a limit cycle N N. Brushlinskaia. Dokl. AN SSSR 139 no 1,9-12 Jl '61.

Second order differential equations with solutions limited to a certain given quantity A. B. Savvin. Prikl mat i mekh 25 no 3-583-586 My-Je '61.

Solution of the fundamental boundary value problem for a polyharmonic fourth-order equation on a plane by the method of potentials. Part 1 I. O. Panich. Izv. vys. ucheb. zav. ; mat. no. 3;80-90 '61.

Some Frankle's problems [with summary in English] Lis Chien-ping Vest. LGU no. 13 26-39 '61.

Structure of the functional space of complex canonical equations with periodical coefficients V. A. IAkubovich. Dokl. AN SSSR 139 no. 1;54-57 Jl '61.

Systems of ordinary differential equations with generalized uniform right-hand parts. V. V. Khomeniuk. Izv. vys. ucheb. zav. ; mat. no. 3;157-164 '61.

Theoretical bases for evolving an equation to determine the coefficient of hydraulic resistance inside circular tubes in the case of markedly nonisothermal flow L I Kudriashev, O G Novichkova Shor nauch trud Kuib indus inst no 8;157-172 '59

Two-point boundary value problem for a second-order nonlinear differential equation and some theorems on intermediate values G A Kamenskii Dokl AN SSSR 139 no 3 541-543 Jl '61

Use of the qualitative theory of differential equations in the analysis of the stability of electric systems IU A Rozovskii Izv. NIIPT no. 6 238-257 '60.

DIFFERENTIAL EQUATIONS, LINEAR

Boundary value problem for linear and quasi-linear parabolic equations O A Ladyzhenskaia, N N Ural'tseva Dokl AN SSSR 139 no 1 544-547 Jl '61

Chaplygin's equations and the theorem of the reducing factor in the case of quasi coordinates N A Fufaev Prikl mat i mekh 25 no 3 385-390 My-Je '61

Group characteristics of S. A. Chaplygin's equation. L. V. Ovsiannikov PMTF no. 3 126-145 S-O '60

Integration of Hill's equation A A Potapenko Izv vys ucheb zav , mat no 4 101-111 '61

Invariant differential connections for hyperbolic systems of quasi-linear equations. N. N IAnenko Izv vys ucheb. zav., mat. no 3;185-194 '61.

Method for investigating linear systems of differential equations with quasi-periodical coefficients V Kh Khasanakhal Dokl AN SSSR 139 no 2 313-315 Jl '61.

Method for solving ordinary linear differential equations with variable coefficients N. K Kulikov Izv vys ucheb zav , mat no 4 50-56 '61

Possibility of generalizing the invariance principle in linear systems of automatic control with variable parameters V. A. Vasilenko Dokl. AN SSSR 139 no. 2,324-326 Jl '61

DIFFERENTIAL EQUATIONS, PARTIAL

Behavior of the solutions to S. L. Sobolev's problem at $t \to \infty$ T I Zelenlak Dokl. AN SSSR 139 no 3;531-533 Jl '61

Boundary value problems for quasi-linear elliptic equations with nonlinearities obeying a power law T. B Solomiak Dokl AN SSSR 139 no. 1;824-826 Ag '61.

Center-focus problem N. V. Medvedev Izv. vys ucheb zav , mat. no 4 57-65 '61

Conditions of the solvability of a certain boundary value problem for a specific parabolic system. E. I Kim, L P. Ivanova Dokl. AN SSSR 139 no 4,795-798 Ag '61

Critical case of a pair of purely imaginary roots for systems involving an aftereffect S N Shimanov Sib. mat zhur 2 no 3;467-480 My-Je '61

Equations of motion for a liquid containing gas bubbles S. V. Iordanskii. PMTF no 3;102-110 S-O '60

Establishment of systems of uniform linear partial differential equations with constant coefficients. Hou T'ien-hsiang. Mat. sbor. 54 no. 1 123-136 My '61.

First boundary value problem for certain decaying elliptic equations L. N. Slobodetskii, I. A. Solomeshch Izv. vys. ucheb. zav. ; mat no. 3,116-126 '61

Hamiltonian of averaged motion. E. L. Burshtein, L. S. Solov'ev Dokl. AN SSSR 139 no 4 855-858 Ag '61

Inserting a thin solid of revolution into a plastic half-space D. D. Ivlev. PMTF no. 4-75-78 N-D '60.

Investigation of the particular case of the rotary motion of a material segment around its center of inertia. A. I. Rybakov. Vest. Mosk. un. Ser. 3 Fiz., astron. 16 no. 3-83-89 My-Je '61.

Maximum principle for parabolic equations with discontinuous coefficients. L. I. Kamynin, V. N Maslennikova. Sib. mat. zhur 2 no. 3;384-399 My-Je '61.

Method for solving the equations for a laminar boundary layer. A. A. Dorodnitsyn. PMTF no 3;11-118 S-O '60.

One interesting class of quasi-linear systems. S K. Godunov. Dokl. AN SSSR 139 no. 3,521-523 Jl '61.

One variant of the averaging method. N. N. Bogoliubov(jr). B. I. Sadovnikov. Vest. Mosk. un. Ser. 3 Fiz., astron. 16 no. 3-24-34 My-Je '61.

Solution of Vlasov's equation by the Hermite polynomial expansion method. A. Adkhamov. Uch. zap. Tadzh. un. 18-59-65 '58.

Solutions to partial differential equations with constant coefficients. V V. Grushin. Dokl AN SSSR 139 no. 1; 17-19 Jl '61.

Some general representations of solutions to the equations of the theory of shallow shells. I. I Vorovich. Prikl mat. i mekh. 25 no. 3;543-547 My-Je '61.

Stability of the solution of the nonlinear equation of heat conduction. L. F. Rakhmatullina. Prikl. mat. i mekh. 25 no. 3-501-502 My-Je '61.

Theory of optimum control. Chang Sen-ying Prikl. mat. i mekh. 25 no. 3 413-419 My-Je '61.

DIFFERENTIAL INVARIANTS

Invariant differential connections for hyperbolic systems of quasi-linear equations N. N. IAnenko Izv. vys ucheb. zav. ; mat. no. 3;185-194 '61.

Possibility of generalizing the invariance principle in linear systems of automatic control with variable parameters V A Vasilenko. Dokl AN SSSR 139 no 2;321-326 Jl '61

Racah method in the theory of relativistic equations [with summary in English] L. A Shelepin Zhur eksp i teor fiz 40 no 5-1369-1383 My '61.

DIFFRACTION

Effect of fluctuations in an incident wave on the diffraction pattern in the focal plane of a lens. IA. S. Shifrin. Akust. zhur 7 no. 2-248-255 '61.

DIFFUSERS

Defects of the Duncan-Stewart rotating diffuser I G Shevchenko Sakh prom 35 no 7 31-32 Jl '61

DIFFUSION

Application of diffusion theory to bimolecular reactions V V Antonov-Romanovskii Fiz tver. tela 3 no 6 1896-1897 Je '61

Certain features of the initial formation of gray tin centers on CdTe, InSb, Si, and Ge particles A I Bykhovskii Dokl AN SSSR 139 no 3,637-640 Jl '61

Isotopic exchange method for measuring saturated vapor pressures and diffusion coefficients. Part 2. Solution of the equation for diffusion occurring during exchange [with summary in English] V I Lozgachev. Zhur fiz khim. 34 no 2 306-318 F '60

Measurements of the vapor diffusion coefficient of the system "vapors of the fuel T-5 - air " IU D Vasilevskaia Trudy MAI no 132-144-160 '61.

Theory of the diffusion extraction of substances from porous bodies. Part 3. Kinetic nonequivalence of the pores [with summary in English]. G. A. Aksel'rud. Zhur. fiz khim 34 no 2 278-286 F '60

DIGESTION

Physiological action of food of varying quality and quantity on taste sensitivity [with summary in English] N. S. Zaiko Vop pit 20 no 4 9-14 Jl-Ag '61

DIGESTIVE ORGANS

Influence of saline-alkaline water from the Nagutskaia R-1 well on the main functions of the digestive organs. A. K. Pislegin. Vop. kur , fizioter. i lech. fiz kul't 26 no 3;219-222 My-Je '61

DIGGING MACHINERY see Excavating machinery

DIKES (GEOLOGY)

Dikes of diabasic porphyrites in the Lake Yeletozero region (northern Karelia) K. A. Inina. Trudy Kar. fil. AN SSSR no 26 119-132 '61.

DIMENSIONAL ANALYSIS

Combined use of the method of intermediate integration and the theory of similarity in solving problems of convective heat transfer. L I Kudriashev, N F. Romeiko Shor. nauch trud Kuib indus inst no. 8; 197-205 '59.

Estimating the volume of an N-simplex by the volumes of its faces [with summary in English] E M Gol'berg. Vest. LGU no 13 5-10 '61.

DINOSAURIA see subdivision under Zaysan Lake region

DIODES

Distribution of impurities in the region of the welded contact on Ga As. S N Ivanov Radiotekh i elektron 6 no. 6;1404-1405 Ag '61

Use of tunnel diodes in radio engineering circuits. E. M. Gershenzon, N. L. Seltvanenko, V. S. Likin Elektrosviaz' 15 no 8;11-19 Ag '61

DIOPTRICS see Refraction

DIORITE see subdivision under Kemin District; Ural Mountains

DIPHTHERIA

Chudnosovetov, V. A., and M. D. Emel'ianov. [Intubation and its use in diphtheria of the larynx] Intubatsiia i ee primenenie pri difterii gortani. Makhachkala, Dagestanskoe knizhnoe izd-vo, 1960. 115 p. (DNLM)

Role of the nurse in the elimination of diphtheria. N. K Belain Med sestra 20 no 6-38-42 Je '61.

DIPLOMATS, AMERICAN—EDUCATION AND TRAINING

Education of diplomatic personnel in the U. S. A. Mezhdunar. zhizn' 8 no. 9;149-151 S '61.

DIPOLE MOMENTS

Electromagnetic field of a low-frequency vertical magnetic dipole situated on the surface of a conducting magnetic semispace. V. S. Semenov Izv. vys ucheb. zav. ; fiz. no 2 102-109 '61.

P-approximation in the theory of a diamond-type crystal lattice. R. V. Bakradze, V. S. Mashkevich Izv. vys ucheb. zav , fiz no 1 35-40 '61

Parameters of the dipole polarizability of atomic nuclei. S. F. Semenko. Vest. Mosk. un. Ser. 3; Fiz., astron. 16 no. 3-75-82 My-Je '61.

DIPOLE MOMENTS (Continued)
Possible existence of magnetic dipole lines in the exciton absorption spectrum A. G. Zhilich, V. L. Cherepanov, IU. A. Kargapolov. Fiz. tver. tela 3 no. 6 1812-1814 Je '61

DIPTERA see subdivision under Anabar Bay region

DIRECT CURRENT MACHINERY see Electric motors, Direct current

DIRICHLET'S SERIES see Series, Dirichlet's

DIRT ROADS see Roads, Earth

DISABILITY EVALUATION
(see also subdivision under Gorkiy Province, Leningrad; Naro-Fominsk, Orekhovo-Zuyevo, Rostov Province, Yaroslavl)
"Disability evaluation in nervous and mental diseases." Reviewed by D. G. Shefer. Zhur. nevr. i psikh. 61 no. 3 463-465 '61
Some problems of military medical expert testimony in tuberculosis of the lungs. E. M. Grinshpunt. Voen.-med. zhur. no. 3:37-40 Mr '61
Toward new frontiers. A. Tret'iakov. Sots. obesp. 22 no. 7 28-36 Jl '61

DISARMAMENT
Appeal to the peoples of the whole world. V. zashch. mira no. 8:2 Ag '60.
Disarmament or "balance of terror?" IU. Sheinin. Mezhdunar. zhizn' 8 no. 8:28-37 Ag '61
For peace without armaments and the independence of all nations. Sov. gos. i pravo no. 11,3-13 N '60
Lada, I. V. [If the world disarms] Esli mir razoruzhitsia... Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1961. 111 p.
Let's seek ways to preserve peace ("There will be no war" by Linus Carl Pauling. Reviewed by A. V. Topchiev). Kul't. i zhizn' 5 no. 7 46-47 '61
A radical way to a lasting peace. I. Kirin. Mezhdunar. zhizn' 8 no. 9,33-36 S '61.

DISARMAMENT—BIBLIOGRAPHY see Bibliography—Disarmament

DISARMAMENT—INSPECTION
Disarmament and international control. IU. Buzulukov. Otv. na vop. trud. no. 4 31-41 '61

DISCIPLES, TWELVE see Apostles

DISCIPLINE OF CHILDREN
Adolescent can be disciplined ("Inculcating discipline in teenagers" by V. A. Krutetskii, N. S. Lukin. Reviewed by E. Shumilin). Sem'ia i shkola 16 no. 5 42-43 My '61

DISCOVERERS see Explorers

DISCOVERIES (IN GEOGRAPHY)
Dibrova, Ol. T. [Prominent Russian geographers, explorers, and seafarers] Vydatni vitchyzniani geografy, mandrivnyky ta moreplavtsi. Za red. O. T. Dibrovy. Kyiv, "Radians'ka shkola," No. 3. 1954. 1 v. (NN)

DISEASES AND HYGIENE see subdivision under Antarctic regions

DISEASES, MENTAL see Mental illness

DISINFECTION AND DISINFECTANTS
Experience in the utilization in the army of a mobile disinfection-shower installation (DDA-52). B. P. Fediaev. Voen.-med. zhur. no. 3 52-56 Mr '61.
Organization and execution of prophylactic disinfection measures in a garrison. B. IU. Brodskii. Voen.-med. zhur. no. 8:71-72 Ag '60.
Preservation of the phenol resistance of cultures of Escherichia coli and staphylococci used for the control of disinfectants. B. L. Shura-Bura, M. A. Zolochevskii. Lab. delo 7 no. 6:41-44 Je '61

DISLOCATIONS IN CRYSTALS
Interaction between a magnetic (domain) structure and a dislocation structure in ferromagnetics. I. IA. Dekhtiar, E. G. Madatova. Izv. vys. ucheb. zav., fiz. no. 1, 63-70 '61
Theory of dissolution of the inhomogeneous surface of a solid [with summary in English]. A. N. Orlov, S. N. Fishman. Zhur. fiz. khim. 35 no. 7, 1529-1533 Jl '61
Theory of X-ray scattering in distorted polycrystals, consisting of two-dimensional crystals. V. N. Filipovich. Fiz. tver. tela 3 no. 6 1702-1717 Je '61.
Theory of X-ray scattering in distorted polycrystals, consisting of three-dimensional crystals. V. N. Filipovich. Fiz. tver. tela 3 no. 6 1694-1701 Je '61.

DISLOCATIONS IN METALS
Mechanism of the formation of fatigue cracks in metals. V. S. Ivanova. Izv. AN SSSR Otd. tekh. nauk, Met. i topl. no. 3:77-81 My-Je '61

DISMISSAL OF EMPLOYEES see Employees, Dismissal of

DISSERTATIONS, ACADEMIC—BIBLIOGRAPHY see Bibliography—Dissertations, Academic

DISSOCIATION
Dissociation energies and heats of sublimation of alkaline earth metal oxides [with summary in English]. V. A. Medvedev. Zhur. fiz. khim. 35 no. 7 1481-1488 Jl '61
Nitrogen dissociation in the upper atmosphere. A. D. Danilov. Geomag. i aer. 1 no. 2 174-177 Mr-Ap '61

DISTANCE GEOMETRY
Projecting in Hilbert space possessing a bilinear metric. IU. P. Ginzburg. Dokl. AN SSSR 139 no. 4 775-778 Ag '61

DISTEMPER
A study of the immunological relation between measles and canine distemper viruses. Report No. 1. Infection of puppies with canine distemper virus following experimental measles [with summary in English]. N. N. Ria antseva and others. Vop. virus. 6 no. 5 577-582 S-O '60

DISTILLATION APPARATUS
Regulation of the level of the product in the bottom of a tower. N. P. Smirnov, R. B. Gun, M. B. Rybak. Neftianik 6 no. 7 15-16 Jl '61

DISTILLATION APPARATUS—MODELS
Working model of a fractionating column. I. T. Syroezhkin. Khim. v shkole 15 no. 3 57-59 My-Je '60

DISTILLING, ILLICIT
Let's intensify our struggle against moonshining. B. Krukov. Sov. iust. no. 14 12-13 Jl '61

DISTRIBUTIVE EDUCATION
(see also subdivision under Moscow)
Cooperation schools reorganize their work. V. Gukasian. Sov. potreb. koop. 5 no. 6 22-25 Je '61
Improve the training of commercial personnel. S. Rodin. Sov. torg. 34 no. 7 10-13 Jl '61.

DISULFIDE
Pathophysiological mechanisms of the alcohol-antabuse reaction [with summary in French]. A. T. Filatov. Zhur. nevr. i psikh. 61 no. 3 446-448 '61.
Synthesis of oxygen-containing disulfides of the aliphatic series. S. M. Gurvich. Zhur. ob. khim. 31 no. 7 2249-2252 Jl '61

DITHIZONE
Color of inner complex bismuth salts with dithizone and its derivatives [with summary in English]. A. I. Busev, L. A. Bazhanova. Zhur. anal. khim. 16 no. 4 399-403 Jl-Ag '61

DIVERS (BIRDS) see subdivision under Ob' Valley; Oka Preserve

DIVING, SUBMARINE
Fadeev, V. G., A. A. Pechatin, and V. D. Surovikin. [Man underwater] Chelovek pod vodoi. Izd. 2., ispr. i dop. Moskva, Izd-vo DOSAAF, 1960. 263 p.
In cold depths. M. Novikov. Stanish.-serzh. no. 4:15 Ap '61.

DIVISION OF LABOR
(see also subdivision under Communist Countries)
The monograph "International division of labor under socialism" by G. Popisakov. Reviewed by V. Rybalkin. Vnesh. torg. 41 no. 7-44-45 '61.

DNEPRODZERZHINSK RESERVOIR—FISHERIES
Dneprodzerzhinsk Reservoir. D. B. Makeev. Izv. VNIORKH 50:119-131 '61

DNEPROPETROVSK—CITY PLANNING
Collective farmers approve the plan. I. Zatchenko. Stroi. i arkhit. 9 no. 6 36 Je '61.

DNEPROPETROVSK—CITY TRAFFIC
Crowded and unhappy. E. Ratkhman and others. Okhr. truda i sots. strakh. 4 no. 7:30-32 Jl '61.

DNEPROPETROVSK—COMMUNIST PARTY OF THE SOVIET UNION
"We have a list of candidates." N. Sokolenko. Part. zhizn' no. 15/16,143-144 Ag '61.

DNEPROPETROVSK—DEPARTMENT STORES
How we secure the fulfillment of the plan. A. Tanskii. Sov. torg. 34 no. 6:37-38 Je '61

DNEPROPETROVSK—EVENING AND CONTINUATION SCHOOLS
Let's vary the types of special subject lessons in the evening technical schools. G. M. Stiskin. Sred. spets. obr. 8 no. 7:28-31 Jl '61
Vocational education of students in the schools for working youth. V. M. Shapovalov. Rad. shk. 40 no. 8 76-83 S '61.

DNEPROPETROVSK—MACHINERY INDUSTRY
With workers of the machinery industry in Dnepropetrovsk. M. G. Antonenko. Mashinostroitel' no. 7:40 '61.

DNEPROPETROVSK—RUBBER INDUSTRY
Assembling precast reinforced concrete elements in constructing a tire factory. N. I. Bogdanov, V. T. Musik, L. G. Smykunzhevskii. Prom. stroi. 39 no. 5 13-16 '61.

DNEPROPETROVSK PROVINCE—BOOKSELLERS AND BOOKSELLING
In what respects the Dnepropetrovsk book trade is behind. A. Akaemov. Sov. knizh. torg. 13 no. 6:14 Je '61

DNEPROPETROVSK PROVINCE—COLLECTIVE FARMS—INCOME DISTRIBUTION
Introducing supplementary wage payments. D. Meksin. Vop. ekon. no. 7:118-151 Jl '61.

DNEPROPETROVSK PROVINCE—INDUSTRIAL HYGIENE
With a thought for the congress. B. Perov. Okhr. truda i sots. strakh. 4 no. 7 4 Jl '61

DNEPROPETROVSK PROVINCE—IRON AND STEEL-WORKERS
Friendship strong as steel. I. Kozlov. Sov. profsoiuzy 17 no. 13 31-32 Jl '61.

DNEPROPETROVSK PROVINCE—RURAL LIBRARIES
With their close participation. L. Popov. Bibliotekar' no. 7 36 Jl '61

DNIEPER-BUG CANAL
Digging trenches to cross the Dnieper-Bug Canal. A. A. Agafonov. Stroi. truboprov. 6 no. 6 20 Je '61

DNIEPER-DONETS LOWLAND—GEOLOGY, STRATIGRAPHIC
Controversial questions in the stratigraphy of the Jurassic and lower Cretaceous of the northwest Donets Basin and Dnieper-Donets Lowland. V. P. Makridin, E. F. Migacheva, V. P. Sterlin. Trudy VNIGNI no. 29 vol. 2 108-117 '61
Jurassic of the eastern Dnieper-Donets Lowland and the northwestern border of the Donets Ridge. M. I. Blank. Trudy VNIGNI no. 29 vol. 2 117-147 '61.
Lithological and mineralogical correlative values for the Donets Jurassic stratigraphy. N. E. Kanskii. Trudy VNIGNI no. 29 vol. 2,148-152 '61.
Role of electric logging in the study and division of the Mesozoic in the Dnieper-Donets Lowland. I. M. Shbalkin. Trudy VNIGNI no. 29 vol. 2,152-154 '61.
Stratigraphy of the Jurassic of the northwestern border of the Donets Basin and the Dnieper-Donets Lowland in the light of new data. I. M. YAmnichenko. Trudy VNIGNI no. 29 vol. 2 100-108 '61.

DNIEPER-DONETS LOWLAND—TRACE ELEMENTS
Trace elements in lower Cretaceous rocks of the Dnieper-Donets Lowland. I. I. Ilvin. Dokl. AN SSSR 139 no. 2 450-452 Jl '61

DNIEPER HYDROELECTRIC POWER STATION
Using hydraulic units in a system of synchronous compensators. A. F. IAkovlev. Gidr. stroi. 31 no. 1,36-38 Jl '61

DNIEPER RESERVOIR—FISHERIES
Dnieper Reservoir. V. A. Kononov, N. S. Meniuk, A. M. Paradnikov. Izv. VNIORKH 50,132-146 '61.

DNIEPER RIVER—SEDIMENTATION AND DEPOSITION
Formation of the mineral composition of recent stream channel alluvium in the middle course of the Dnieper River. A. A. Lazarenko. Dokl. AN SSSR 139 no. 3: 702-705 Jl '61.

DNIEPER VALLEY—AGRICULTURE
Altering nature in the Dnieper reservoir region. D. L. Armand. Izv. AN SSSR, Ser. geog. no. 4:50-65 Jl-Ag '61.

DNIEPER VALLEY—METALS, RARE AND MINOR
Ivantishin, M. M. [Accessory rare minerals and trace elements in granites and pegmatites of the Ukrainian Crystalline Shield] Aktsesorni ridkisni mineraly ta rozsiiani elementy v granitakh i pegmatitakh Ukrains'koho krystalichnoho shchyta. Kyiv, Vyd-vo Akad. nauk Ukrains'koi RSR, 1960. 242 p. (Akademiia nauk URSR, Kiev. Instytut geologichnykh nauk. Trudy, no. 8)

DNIEPER VALLEY—RESERVOIRS
Altering nature in the Dnieper reservoir region. D. L. Armand. Izv. AN SSSR, Ser. geog. no. 4:58-65 Jl-Ag '61.

DNIESTER VALLEY—ARCHAEOLOGY
Fedorov, G. B. [The people of the Prut-Dniester interfluve during the first thousand years A. D.] Naselenie Pruisko-Dnestrovskogo mezhdurechia v I tysiacheletii n. e. Moskva, Izd-vo Akad. nauk SSSR, 1960. 378 p. (Materialy i issledovaniia po arkheologii SSSR, no. 89.)

DOCUMENTARY EVIDENCE see Evidence, Documentary

DODDER
Results obtained from experiments with certain herbicides in controlling dodder on alfalfa fields [in Armenian with summary in Russian]. N. O. Karpetian. Izv. Upr. sel'khoz. nauki Arm. SSR 4 no. 3 59-66 '61.

...dy of some domestication changes in dogs. K.T. ...ulimov. Biul.MOIP.Otd.biol. 66 no.4:150 Jl-Ag '61.

...S—TRAINING
...work of a club. N Io'kov. Voen znan 37 no 8: ...ss 34-35 Ag '61

...OMITE
...aracteristics of refractory materials made of calcined ...olomite on a resin base. I.Z Dolkart Ogneupory 26 ...o. 7:329-335 '61.
...eraction of half-burnt dolomite with radioisotopes ...nder dynamic conditions. S.A.Voznesenskii and ...thers. Radiokhimiia 3 no.4 510-511 '61.

...ESTIC ANIMALS
...ws of the periodicity of individual development in ...arm animals. S.N.Bogoliubskii. Biul.MOIP.Otd. ...iol. 65 no.4 152-153 Jl-Ag '61.
...otoperiodism in farm animals. A.M.Limme. Biul. ...OIP.Otd.biol. 66 no.4 156-157 Jl-Ag '61.
...inciples of interrelationship in the historical and in...ividual development of domestic animals. S.N.Bogo...liubskii. Biul.MOIP.Otd.biol. 66 no.4 153-154 Jl-...g '61.

...ESTIC EDUCATION
...y son and his coevals. Igor Il'inskii. Ogonek 39 ...o. 30:30-31 Jl '61
...eading and talking to preschool children E Puga...chevs'ka Doshk vykh 22 no 8 37-39 Ag '61
...gether with mother. S Kachalov Sem'ia i shkola ...6 no. 5 38-39 My '61.

...ESTICATION
...udy of some domestication changes in dogs. K.T. ...ulimov. Biul.MOIP.Otd.biol. 66 no.4:150 Jl-Ag ...61.

...RIVER—STURGEONS
...awning of sturgeons in the region of the Don State ...isbery Reserve. M. A. Kukiev Ryb khoz 37 no 6, ...5 '61.

...VALLEY—LEGUMES—IRRIGATION
...rigated culture of pulse crops in the Don flood plain. ...I. A. Prokof'ev. Shor trud IUzhNIIGiM no 6,282-284 ...58.

...VALLEY—SOIL PHYSICS
...mparative study of the moisture and physical character...istics of soils in the left-bank area of the lower Don. ...I. N. Konovalov. Shor. trud. IUzhNIIGiM no. 6:106-123 ...58.

...ETS BASIN
...pical day; book of materials on one day of the seven...ar plan in Stalino Province] Obychnyi den' [kniga ...aterialov ob odnom dne semileti v Stalinskoi oblasti, ...alino, Knizhnoe izd-vo, 1960.] 199 p
(MH)

...ETS BASIN—AGRICULTURE
...w party organizations in the suburban areas of the ...onets Basin tried to secure and increase the supply ...agricultural products during the fifth five-year plan ...I Babich Zbir. st. vykl ist. KPRS vuz. Ukr. RSR ...213-231 '58

...ETS BASIN—COAL MINES AND MINING
...assification of combined mining systems I. S. Ivanen...o. Ugol' Ukr. no. 6:5-6 Je '61.
...forts of the Communist Party of the Soviet Union to ...evelop the coal industry of the Donets Basin, from ...956 to 1958. B. I Stella. Zbir. nauk. prats' vykl. i ...sp. Kaf. ist KPRS Kyiv. un no. 3:285-301 '58.
...ecting the flow sheets for the development and order ...f stoping of mining areas in the mines of the Lisi...hanskugol' Trust I. D. Gelfukh, M. A. Moiseev. Ugol' ...kr. no.6:1-5 Je '61.
...chnical and economic advantages of blind workings in ...ining steeply dipping seams. V. P. Rudchenko, V. E. ...hukov. Ugol' Ukr no 6:7-8 Je '61
...achenko, G.G. [Heroic work of Donets Basin miners; ...e struggle of Donets Basin party organizations for the ...estoration of coal mining during the postwar five-year ...lan] Podvig shakhterov Donbassa; partiinye organiza...sii Donbassa v bor'be za vosstanovlenie ugol'noi ...romyshlennosti v gody poslevoennoi piatiletki, ...Khar'kov] Luganskoe obl. izd-vo, 1960. 74 p.

...ETS BASIN—COAL MINES AND MINING—HYDRAULIC ...QUIPMENT
...uipment for hydraulic haulage and hoisting of coal and ...ock in the Donets Basin mines. M. E. Zhurzha. Ugol' ...kr. no. 6:12-14 Je '61.

...ETS BASIN—COAL MINES AND MINING—LABOR ...ODUCTIVITY
...ys of increasing labor productivity in the mines of ...stovugol' Combine. V V. Mamonov. Ugol' 36 ...o. 6:44-47 Je '61.

DONETS BASIN—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
How the party organizations of the Donets Basin tried to develop the political activity of workers from 1952 to 1955. M M Mezhenin Zbir nauk prats' vykl i asp. kaf ist KPRS Kyiv. un. no 3:251-267 '58.

DONETS BASIN—ELECTRIC POWER PLANTS
Achievements of our seven-year plan. Blok agit [Sov. Armii] no 16:29-32 Je '61.

DONETS BASIN—GEOCHEMISTRY
Redistribution of elements during the diagenesis of middle Jurassic clayey deposits in northwestern outskirts of the Donets Basin. V G Kosmachev Dokl. AN SSSR 130 no. 1:195-198 Jl '60

DONETS BASIN—GEOLOGY
Novik, E.O., V.V.Permiakov, and E.E.Kovalenko. [History of geological studies of the Donets coal basin, 1700-1917] Istoriia geologicheskikh issledovanii Donetskogo kamennougol'nogo basseina, 1700-1917. Kiev, Izd-vo Akad.nauk USSR, 1960. 530 p.

DONETS BASIN—GEOLOGY, STRATIGRAPHIC
Controversial questions in the stratigraphy of the Jurassic and lower Cretaceous of the northwest Donets Basin and Dnieper-Donets Lowland. V.P. Makridin, E.E. Migacheva, V.P.Sterlin. Trudy VNIGNI no 29 vol 2. 108-117 '61.
Lithological and mineralogical correlative values for the Donets Jurassic stratigraphy. N.E. Kanskii. Trudy VNIGNI no. 29 vol. 2 146-152 '61.
Stratigraphy of the Jurassic of the northwestern border of the Donets Basin and the Dnieper-Donets Lowland in the light of new data. I M YAmnichenko. Trudy VNIGNI no. 29 vol 2 100-108 '61.
Triassic stratigraphy of the Greater Donets Basin F. E Lapchik Trudy VNIGNI no 29 vol 1-97-106 '60.

DONETS BASIN—GEOLOGY, STRUCTURAL
Structure of the convergence zone of the Donets Basin and Azov Upland from geophysical data. H. T. Sobakar Geol. zhur. 21 no. 3 60-65 '61.

DONETS BASIN—IRON SULFIDES
Sulfide concretions in coal-bearing deposits of the Donets Basin and mineralogical forms of iron disulfide. P. V Zaritskii. Dokl AN SSSR 139 no 2,446-449 Jl '61.

DONETS BASIN—MALIGNITE
Paleozoic malignates in the convergence zone of the region of the Sea of Azov and the Donets Basin. Izv. AN SSSR. Ser. geol. 26 no.7:110-114 Jl '61.

DONETS BASIN—MERCURY INDUSTRY—BY-PRODUCTS
Utilizing mercury discards. L. M. Bramson, A G. Popov Avt. dor. 24 no.7:31-32 Jl '61.

DONETS BASIN—MINE HAULAGE
Improving rock haulage in the Mine No 19/20. V. E. Mikhno, A. V. Kurilin Ugol' 36 no 6 36-37 Je '61

DONETS BASIN—MINE TIMBERING
Basic parameters of powered supports to meet the conditions of Donets Basin steeply dipping coal seams V T.Davidiants. Ugol' 36 no. 6:15-18 Je '61.

DONETS BASIN—PRECAST CONCRETE CONSTRUCTION
Panels made of foamed ash concrete for walls of industrial buildings V. V. Makartichev, V G. Trifonov. Prom stroi. 39 no. 5:19-22 '61

DONETS BASIN—SEWAGE DISPOSAL
Utilization of industrial sewage from enterprises of the Donets Basin and its purification. K V. Shchegolev. Vod. i san. tekh. no. 7,12-16 Jl '61

DONETS BASIN—SHAFT SINKING
Use of the UKB-3, 6 r unit for shaft boring in Mine No. 4/21 of the Stalinugol' Trust. G. A. Bravinskii. Ugol' Ukr. no 6:24-25 Je '61

DONETS BASIN—VEGETABLE GARDENING
How party organizations in the suburban areas of the Donets Basin tried to secure and increase the supply of agricultural products during the fifth five-year plan. I. I. Babich. Zbir. st. vykl. ist. KPRS vuz Ukr. RSR 1:213-231 '58.

DONETS BASIN—WORLD WAR, 1939-1945
Miners' honor. I. Strel'bitskii. Voen. znan. 37 no. 8: 9-10 Ag '61.

DONETS RIDGE—GEOLOGY, STRATIGRAPHIC
Jurassic of the eastern Dnieper-Donets Lowland and the northwestern border of the Donets Ridge. M. I. Blank. Trudy VNIGNI no. 29 vol. 2:117-147 '61.

DONETS VALLEY—CONSTRUCTION INDUSTRY—FINANCE
Convert all sections of a construction agency to business accounting. N. Nosik. Bukh. uchet 18 no. 6:36-39 Je '61.

DOPPLER EFFECT
Problem of Doppler width of the emission and absorption lines [with summary in English]. M I Podgoretskii, A V Stepanov. Zhur. eksp. i teor. fiz. 40 no 2 561-566 F '61

DORMANCY IN PLANTS
Physiology of the dormant stage in cotton seeds. L. G. Gubanova, G. IA. Gubanov. Agrobiologiia no. 4 537-543 Jl-Ag '61.

DORMITORIES
Miner settled in a dormitory. V. Alekhanov, A. Tokar', L. Volokh. Sov. shakht. 10 no 3-36-37 Mr '61
When the shift is over P. Podosenov Smena 38 no 15 10-11 Ag '61

DORSHT, ADOL'F IAKOVLEVICH, 1900-
Adolf IAkovlevich Dorsht; on his 60th birthday. Zhur. nevr. i psikh. 61 no 3.479 '61.

DOSSOR—OIL FIELDS—PRODUCTION METHODS
In the oil fields. A. Atchibaev. Part. zhizn' Kazakh. 31 no. 7:49-52 Jl '61.

DOUGH
Dough puncturing device. N. I. Chudnovskii and others. Khleb. i kond. prom. 5 no 6-37-38 Je '61.
Investigation of the method for preparing the wheat dough on liquid leavens. I. M. Rolter and others Izv. vys ucheb. zav., pishch. tekh. no 2-27-34 '60
The TsNIIKhPa laboratory dough-kneading machine. N. D. Luk'ianova Khleb. i kond. prom. 5 no. 6:14-16 Je '61.

DRAGONFLIES
(see also subdivision under Altai Mountains)
Dragon fly V. Sinadskaia. IUn nat no 6 14 Je '61.

DRAGONHEAD
Effect of planting time and methods on the essential oil yield of the Moldavian dragonhead. E. V. Tiurina. Trudy Bot. sada Zap.-Sib. fil. AN SSSR no. 1:55-59 '56.

DRAINAGE
(see also subdivision under Karelia, Lithuania)
Akademiia stroitel'stva i arkhitektury SSSR. Institut osnovanii i podzemnykh sooruzhenii. [Instructions for deep vacuum pumping through bores and soil in lowering the water table] Ukazaniia po glubinnomu vakuumirovaniiu skvazhin i grunta pri vodoponizhenii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 41 p.
Artificial lowering of the water level in soil with low permeability. A. I. Churakov. Shor. trud MISI no. 32 112-115 '61
Economic effectiveness of forest drainage D. D. Sabo. Les. khoz. 14 no. 7:45-49 Jl '61.
Economic effectiveness of sink-hole drainage in areas of subsurface flooding. I. V. Minaiev Visnyk sil'hosp. nauky 4 no. 8:66-72 Ag '61
Hydrogeological calculations for drainage conduits of tunnels. N. IA. Vainshtein. Transp stroi 11 no 7: 43-45 Jl '61.
Speed up the introduction of machinery for draining swamps V Kratynskii. Tekh v sel'khoz. 21 no. 7: 38-40 Jl '61
Unsteady flow in horizontal drains in the drainage of seepage-flow peat bogs. B. S. Sherzhukov. PMTF no. 3:201-204 S-O '60.

DRAINAGE, HOUSE
Calculating the capacity of interior drain systems. L. P. Golubnichii. Gor. khoz. Mosk. 35 no. 7:33-35 Jl '61.

DRAINAGE OF MINES see Mine drainage

DRAINTILES
(see also subdivision under Latvia)
We answer reader's letters. Stek. i ker 18 no. 7:45-46 Jl '61.

DRAWING—INSTRUCTION
Learn to draw. T. S. Komarova, E. V. Lebedeva. Doshk. vosp. 34 no. 6-79-84 Je '61.
Vibrant life or dead schematization? Lidiia Chaga. Sem'ia i shkola 16 no 5:15-16 My '61.

DRAWINGS
Sternin, G., ed. [Russian drawing] Russkii risunok. Moskva, Gos. izd-vo izobraz. iskusstva, 1960. 1 v. illus.
(NN)

DREDGING MACHINERY—EQUIPMENT AND SUPPLIES
Wear-resistant hard facing of suction dredge parts which deteriorate quickly. E. F. Belousov, V. V. Vladimirov, M. S. Kliashchitskii. Mekh. stroi. 18 no. 7:28-30 Jl '61.

DREDGING MACHINERY—MAINTENANCE AND REPAIR
Crane for repairing dredging equipment. IU. D. Dmitrienko. Mekh stroi. 18 no. 5:23-24 My '61.

DRESSINGS (SURGERY) see Bandages and bandaging

DRESSMAKING

How to choose a dress pattern N Okuneva Sov potreb koop 5 no 6 32-33 Je '61

Trimming the dress N Okuneva Sov potreb koop 5 no 7 44-45 Jl '61

DRIED MILK see Milk, Dried

DRIFTING ICE STATIONS see subdivision under Arctic regions

DRILL (AGRICULTURAL IMPLEMENT)

Investigating the performance of the working parts of drills at increased speeds R I Grossman Trakt i sel'khozmash 31 no 8 20-24 Ag '61

DRILLING AND BORING

Effect of the wear of twist drills on the cutting process in drilling gray iron through the skin. A. A. Levikov Dokl TSKhA no 55 61-86 '60

DRILLING AND BORING MACHINERY

Four-spindle drilling head for semiautomatic drilling cycle A S Torkhov Mashinostroitel' no 8 35 Ag '61

New method of fastening drill bits Kh S Altshuler. Der prom 10 no 6 22 Je '61

DRILLING AND BORING MACHINERY—TECHNOLOGICAL INNOVATIONS

Automation of the precision diamond boring machine manufactured by the Exello Company Mod metallorezh stan no 10 12 '60

DRILLING FLUIDS see subdivision under Shebelinka region

DRONGO see subdivision under Khungari Valley

DRUG INDUSTRY

(see also subdivision under Lvov)

Some prospects for supply of drugs. Z. M. Mashkevich. Apt. delo 10 no. 3:7-9 My-Je '61.

DRUG INDUSTRY—HYGIENIC ASPECTS

Working conditions and their improvement in the guaiacol and vanillin industry. M. M. Ostrovskii. Gig. i san. 26 no. 3:92-94 Mr '61.

DRUGS

New drugs. Voen. med. zhur. no. 8:95-96 Ag '60.

DRUGS—PRESERVATION

Present status of the problem of preserving drugs and standard preparations. Iu. I. Zelikson. Apt. delo 10 no. 3:68-76 My-Je '61.

DRUGSTORES

(see also subdivision under Georgia; Tyumen' Province)

First two years of the 7-year plan for drugstores in the R. S. F. S. R. A. M. Stetsiuk. Apt. delo 10 no. 3:3-7 My-Je '61.

DRUMS (CONTAINERS)—MAINTENANCE AND REPAIR

Drum cleaning device T. Skichko Neftianik 6 no 7: 27 Jl '61

DRY GOODS

Expansion of the assortment of textile and dry goods. S. Sh. Airapetiants. Tekst prom 21 no 4:29-32 Ap '61

DRY ICE—THERAPEUTIC USE

Sladkovich, S. E. [Treatment of some diseases of the skin and mucosa with dry ice] Lechenie tverdoi uglekislotoi nekotorykh zabolevanii kozhi i slizistykh. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960, 113 p. (DNLM)

DRYING

Equation of the drying curve. S. M. Smirnov. Izv. vys. ucheb. zav.; tekh. leg. prom no. 3:47-53 '61.

Heat and mass transfer in the conductive-convective drying of capillary porous bodies [with summary in English]. V. V. Krasnikov, V. A. Danilov. Inzh.-fiz. zhur. 4 no. 6: 27-32 Je '61.

DRYING APPARATUS

(see also subdivision under Germany, West; United States)

Calculation of evaporation in spray drying of overheated solutions. M. I. Verba, B. I. Leonchik. Izv. vys. ucheb. zav., energ. 4 no. 7:76-78 Jl '61.

Effect of the basic air and material parameters on the drying of wet hemp waste from picking. U. M. Matmusaev. Izv. vys. ucheb. zav.; tekh. tekst. prom. no. 3, 128-134- '61.

Experience with heating the roller dryer with hot water. A. F. Shchetinin. Der. prom. 10 no. 7:24-25 Jl '61.

Gas units for drying plaster Z. Zakharova. Zhil.-kom. khoz. 11 no. 7 23-24 Jl '61.

DUBINOVSKII, LAZAR' ISAAKOVICH, 1910-

Livshits, M. Lazar' Isaakovich Dubinovskii. Kishinev, Gos. izd-vo "Kartia moldovenlaske," 1960. 19 p. plates. (Dekada moldavskogo iskusstva i literatury v Moskve)

DUBOSSARY DISTRICT—AGRICULTURE

All collective farmers are responsible for the carrying out of obligations. I. Chaban. Sov. deput. trud. no. 8 30-32 Ag '61.

DUBOSSARY DISTRICT—FRUIT CULTURE

Guzinskii, D. IA., G. K. Vaskan, and V. P. Polikarpov. [Orchards on the Dniester terraces, development of fruit culture on the "Put' k kommunizmu" Collective Farm in Dubossary District] Sady na terrasakh Dnestra, iz opyta razvitiia sadovodstva kolkhoza "Put' k kommunizmu" Dubossarskogo raiona. Kishinev, Gos. izd-vo "Kartia moldovenlaske," 1961, 59 p. (DA)

DUBOUKA, ULADZIMIR, 1900-

A poet hails our workers ("The rhapsody of Polesye" by Uladzimir Dubouka Reviewed by IA. Rapanovich) Belarus' 18 no 8 30 Ag '61

DUBROVINSKII, IOSIF FEDOROVICH, 1877-1913

Kreer, A. M. ["Comrade Innokentii"] Tovarishch Innokentii. [Orel] Orlovskoe knizhnoe izd-vo, 1960. 137 p.

DUCK BREEDING

Experiments in hybridizing the musk duck with the Peking duck A. A. Chilingarian Izv. AN Arm SSR Biol. nauki 14 no 5 21-29 My '61

DUCK SHOOTING

Materials on the abundance and biology of diving birds as a basis for efficient organization of game management in the central provinces. IA. V. Sapetin. Ornitologiia *no. 2:228-247 '59.*

DUCKS

(see also subdivision under Oka Valley; Virgin Territory)

Distribution of ducks and coots nesting in the U. S. S. R. in different wintering places. IA. V. Sapetin, T. P. Shevareva. Ornitologiia no. 2:271-275 '59.

Extrapolation reflexes in ducks. L. V. Krushinskii, G. P. Parfenov. Ornitologiia no. 2:59-62 '59.

DUKHOVNITSKIY DISTRICT—REGIONAL PLANNING

Near future of the district. M. Stukov, I. Griazev. Sel'. stroi. 16 no. 6:20 Je '61.

DULYGALYZHILANSHIK VALLEY—UNGULATA, FOSSIL

Entelodont (Entelodontidae) from middle Oligocene deposits in the upper Zhilanshik Valley. M. D. Biriukov Mat. po ist. fauny i flory Kazakh. 3 11-19 '61.

DUMP TRUCKS

D-401A dump trailer. Na stroi. Ros. no. 6:14 Je '61.

DURALUMIN

Creep in duralumin under both constant and variable loads. V. S. Namestnikov, A. A. Khvostunkov. PMTF no. 4:90-95 N-D '60

DURANCE VALLEY, FRANCE—VIADUCTS

Using a suspended concreting unit in completing a frame-type cantilever viaduct. E. TSimbarg. Transp. stroi 11 no. 7:55-56 Jl '61.

DUST

Causes of dust in cotton gins. S. I. Sosnovskii, R. Z. Khadzhi-Murat. Gig. i san. 26 no. 3:94-96 Mr '61.

Movement of dust particles in the electric field of an insulator Ch. M Dzhuvarly, M. M. Dzhafarova Izv. AN Azerb. SSR. Ser fiz.-mat i tekh. nauk 2:85-88 '61.

DUST—REMOVAL

Protective dust removing hood. E. Belokhvostik. Okhr. truda i sots. strakh 4 no 7:33-34 Jl '61.

Studying the process of water atomization by pneumatic jets. I. S. Troitskii. Izv. vys. ucheb. zav., tekh. tekst. prom. no. 3:117-127 '61.

DUST COLLECTORS see subdivision under Yemakiyevo

DUST EXPLOSION

Bekirbaev, B. D. [Present-day means of preventing coal dust explosions] Sovremennye sposoby preduprezhdeniia vzryvov ugol'noi pyli. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 48 p. (Seriia lektsii po tekhnike bezopasnosti)

DUTCH GUIANA—POLITICS AND GOVERNMENT

And Surinam too... N. Kulibin. Nov. vrem. 19 no. 34: 14-15 Ag '61.

DVARIONAS, BALYS, 1904-

Gaudrimas, J. K. [Balys Dvarionas] Balis Dvarionas. Moskva, Sovetskii kompozitor, 1960. 29 p.

DVORAK, ANTONIN, 1841-1904

Smirnov, M. [Piano works of A. Dvořák] Fortep'iannoe tvorchestvo A. Dvorzhaka. Moskva, Gos. muzykal'noe izd-vo, 1960. 133 p.

DWARF FRUIT TREES

Cultivation of dwarf apple trees. A. P. Margolin. Priroda 50 no 8:111-115 Ag '61.

DWELLINGS

Choosing a model and locating dwellings for construction workers at a district thermal electric station. N. S. Vlasenko. Trudy Ural. politekh. inst. no. 109:48-52 '61.

DWELLINGS—HEATING AND VENTILATION

Abbreviated calculations of heat losses from buildings. I. V. Balashov. Vod. i san. tekh. no 3:26-29 Mr '61

Heating and ventilation apparatus and conditions for residential and public buildings IA. D. Pikus Vod. i san. tekh no. 2 10-13 F '61

In the State Committee on Construction of the Council of Ministers of the U. S. S. R., informative report Vod. i san. tekh no 7 45 Jl '61.

DWELLINGS—MAINTENANCE AND REPAIR

Russia (1917- R. S. F. S. R.) Ministerstvo kommunal'nogo khoziaistva. [Standards and norms for the maintenance of residential buildings] *Pravila i normy* tekhnicheskoi ekspluatatsii zhilishchnogo fonda Moskva, 1961. 183 p.

DYES AND DYEING

Photoreduction and demethylation of thiazine dyes on silica gels Kh. I. Aivan, G. A. Korsunovskii, [I. V. Lebedev. Dokl. AN SSSR 139 no. 2 403-405 Jl '61

Study of vat sols dyeing rod. V. IA. Enin, I. M. Glo., I. N. V. L. Plakidin Zhur. prikl. khim. 34 no 7 1640-1642 Jl '61

DYES AND DYEING—CELLULOSE

Studying the dyeing of cellulose fibers with active dyes. Report No. 1: Mechanism of the reaction of active dyes with functional groups of the elementary chains of cellulose and some other natural polysaccharides. G. E. Krichevskii, E. I. Sadov. Izv. vys. ucheb. zav., tekh. tekst. prom. no. 3:102-109 '61.

DYES AND DYEING—COTTON

Efficient dyeing method. N. A. Shubina. Tekst. prom 21 no. 4:73-74 Ap '61.

Protective properties of cyanamide polymers Z. I. Sergeeva, I. I. Khmel'nitskaia. Tekst. prom 21 no. 4:45-47 Ap '61.

DYES AND DYEING—KNIT GOODS

Use of ultrasonic waves in dyeing hosiery. R. S. Bukerman, I. V. Cherepovich. Tekst. prom 21 no 4,44-45 Ap '61.

DYES AND DYEING—PLASTICS

Preparation of structurally colored resins. V. S. Ivichenko, R. G. Martynova. Plast. massy no 7:41-42 '61.

DYES AND DYEING—SILK

Dyeing natural silk fabrics with acid metallized dyes A. A. Khalkharov, I. IA. Kalontarov. Tekst prom 21 no. 4:50-51 Ap '61

DYES AND DYEING—SPECTRA

Photochemical changes of dyes in amide media [with summary in English]. Kh. L. Aivan, N. V. Ivanova. Zhur. fiz. khim. 35 no. 6:1215-1218 Je '61.

DYES AND DYEING—TEXTILE FIBERS

Relationship between the structure and affinity of vat dyes. M. I. Artym, P. V. Moryganov. Izv. vys. ucheb. zav.; tekh. tekst. prom. no. 3:110-116 '61.

Single-bath suspension method for dyeing with vat dyes V. E. Rostovtsev. Tekst. prom. 21 no. 4:41-44 Ap '61

DYMER DISTRICT—PARACHUTING

Rural parachutists on the starting line. V. Gubskii. Kryl. rod. 12 no. 5:22-23 My '61.

DYNAMICS

Regular precession of a solid having cavities filled with liquid. M. M. Gutiaev. Dokl. AN SSSR 139 no 3:572-575 Jl '61

DYNAMICS, MOLECULAR see Molecular dynamics

DYNAMOS see Electric generators

DYSENTERY

(see also subdivision under Turkmenistan)

Effectiveness of using K. V. Efimova's semiliquid medium for enrichment in the bacteriological investigation of healthy contingents for the presence of the causative agents of dysentery. V. P. Blokhov. Lab. delo 7 no. 6:36-38 Je '61.

Novosibirsk. Meditsinskii institut. Kafedra mikrobiologii. [Problems of dysentery] Voprosy dizenterii. Pod red. N. N. Vorob'evoi. Novosibirsk, 1957. 134 p. (DNLM)

DYSPEPSIA
Pathological changes in the stomach and liver of newborn calves suffering from toxic dyspepsia [in Armenian with summary in Russian] V A Voskerichan Izv. Upr sel'khoz nauki Arm SSR 4 no 3 101-101 '61.

DZERZHINSKII, FELIKS EDMUNDOVICH, 1877-1926
His work wast outstanding. F. Mezhlauk. Ogonek 39 no 30:15 Jl '61

DZHAMANOVA, ROZA
Roza Dzhamanova. A. Kel'berg. Sov. muz. 25 no. 7: 79-80 Jl '61.

DZHAMBUL—DAIRYING
The real meaning of one per cent. N. Kubeev. Part. zhizn' Kazakh. 31 no. 7:39-41 Jl '61.

DZHANGIL'DIN, ALIBI
The commissar of the steppe ("Alibi Dzhangil'din; documents and materials." Reviewed by R. Suleimenov). Part. zhizn' Kazakh. 31 no 7:71-74 Jl '61.

DZHETY-SU see Semirech'ye

DZHEZKAZGAN DISTRICT—COPPER ORES
Kunaev, D.S. [Dzhezkazgan - copper city] Dzhezkazgan-gorod medi. Alma-Ata, Kazakhskoe gos. izd-vo, 1960. 88 p.
[MICROFILM]

DZHEZKAZGAN DISTRICT—SANDSTONE
Metamorphism of sandstones in Dzhezkazgan. V. A. Kim. Izv. AN Kazakh. SSR. Ser. geol. no. 2:106-109 '61.

DZHEZKAZGAN DISTRICT—SEISMIC PROSPECTING
Practice of seismic prospecting using medium and low frequencies in the Dzhezkazgan District. T. I. Koristashevskaia, A. A. Popov. Izv. AN Kazakh. SSR. Ser. geol. no. 2:110-116 '61.

DZHIDA VALLEY—LIMESTONE
Scapolization of limestones in contact with the Cimmerian granite in the Dzhida ore region. A. P. Shmotov Zap Vost -Sib. otd Vses min. ob-va no. 1:123-128 '59.

DZHIDA VALLEY—SCAPOLITE
Scapolization of limestones in contact with the Cimmerian granite in the Dzhida ore region. A. P. Shmotov Zap Vost -Sib. otd Vses min ob-va no. 1:123-128 '59

DZHUGDZHUR RANGE—GLACIOLOGY
Glaciation traces in the southeastern part of the Aldan Plateau and the Dzhugdzhur Range. V. V. Skotarenko. Biul. MOIP. Otd. geol. 36 no. 2:144 Mr-Ap '61.

DZHUGDZHUR RANGE—ROCKS, IGNEOUS
Cretaceous intrusions of the central Dzhugdzhur Range. M. A. Tarkhova, K. G. Cheshikhina. Trudy VAGT no. 7: 103-111 '61.

EAR—DISEASES
How to care for diseased ears. S. L. Rips. Zdorov'e 7 no. 5:30 Je '61.

EARTH
Hypothesis of the expansion of the Earth and its geological and geophysical nature. V. B. Neiman, I. V. Kirillov. Biul. MOIP. Otd. geol. 36 no. 2:125-126 Mr-Ap '61.

EARTH—ELECTRIC PROPERTIES see subdivision under Russia, Northern

EARTH—FIGURE
Investigating the accuracy of Stokes and Vening-Meinesz formulas. I. M. Tiron. Trudy TSNIIGAIK no 139:21-44 '60.
Present state of theories applied to the study of the earth's physical surface. M. I. Urkina, N. P. Makarov, V. F. Eremeev. Trudy TSNIIGAIK no. 139:45-59 '60.

EARTH—ROTATION
Secular wandering of the poles of rotation of the deforming earth. N. K. Migal'. Nauch. zap. LPI Ser. geod. no 4:3-14 '58

EARTH—SURFACE
Importance of oceans of the Atlantic type in the development of the earth's structures [with summary in English]. IU. M. Sheinmann. Biul. MOIP. Otd. geol. 36 no. 2 29-38 Mr-Ap '61.

EARTH MOVEMENTS
Movements of the earth crust. IU. A. Meshcheriakov. Nauka i zhizn' 28 no. 6:78-79 Je '61.
Problem of great horizontal movements of the earth's crust in the light of recent geophysical data. P. N. Kropotkin. Biul. MOIP. Otd. geol. 36 no. 2:126-127 Mr-Ap '61.

EARTH PRESSURE
Horizontal pressure of approach roadbed soils on the foundations of bridge abutments and retaining walls. A. A. Luga. Transp. stroi. 11 no. 7:48-50 Jl '61

EARTH SATELLITES see Artificial satellites

EARTHMOVING MACHINERY
D-480 tractor-drawn vibration roller. Na stroi. Ros. no. 6 32 Je '61
Gal'perin, M. I. [Mechanical means for breaking up frozen soils] Mekhanicheskie sposoby razrusheniia merzlykh gruntov, kratkaia stenogramma lektsii. Leningrad, 1961. 33 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Serlia. Stroitel'naia promyshlennost')

EARTHQUAKES AND BUILDING
Building precast floors in earthquake districts. A. M. Zinkin Bet i zhel.-bet no 6 268-270 Je '61
Churaian, A. L., and Sh. A. Dzhabua. [Designs and units for large-panel buildings in earthquake districts] Konstruktivnye skhemy i uzly krupnopanel'nykh zdanii dlia seismicheskikh raionov. Pod red. S. IU. Duzinkevicha. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 238 p.
Earthquake table in the V. I. Lenin Georgian Polytechnic Institute. G. N. Kartsivadze Izv. vys. ucheb. zav., stroi. i arkhit. 4 no 3, 173-175 '61.

EARTHWORK
(see also subdivision under Krasnodar Territory)
By first completing preparatory operations A. Ankudinov Na stroi Ros no. 6:6-9 Je '61.
Continuous earthwork operations in the construction of canals G. B. Bocharnikov, A. A. Zhukov Mekh. stroi 18 no 7:11-13 Jl '61
Directed earthmoving by means of explosives. V. M. Kuznetsov, M. A. Lavrent'ev, E. N. Sher. PMTF no 4:49-50 N-D '60.
Earthwork operations in preparatory operations for housing construction. I. I. Kazantsev. Trudy Ural. politekh. inst. no. 109, 113-117 '61.
Kalechits, E. V. [Basic economic aspects of earthwork operations during continuous construction of roads] Osnovy ekonomiki proizvodstva zemlianykh rabot pri potochnom stroitel'stve dorog. Pod red. V. A. Bochina. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 191 p.

EARTHWORK—COLD WEATHER CONDITIONS
Mechanizing earthwork operations in winter and in permafrost areas V. A Ivanov. Prom stroi 39 no 5. 1-7 '61

EARTHWORMS
Joint activity of earthworms and microflora in forest soils L. S. Kozlovskaia, Z. N. Zdannikova. Dokl. AN SSSR 139 no 2:470-473 Jl '61.

EAST (FAR EAST) see Far East

EAST EUROPEAN PLAIN—MOUNTAINS
Discussing K. I. Gerenchuk's book "Tectonic regularities in the orography and river network of the East European Plain." S. Z. Maksimov, A. I. Nesterov Izv. Vses. geog. ob-va 93 no. 4:370-371 Jl-Ag '61.

EAST EUROPEAN PLAIN—RIVERS
Discussing K. I. Gerenchuk's book "Tectonic regularities in the orography and river network of the East European Plain" S. Z. Maksimov, A. I. Nesterov Izv. Vses. geog. ob-va 93 no. 4:370-371 Jl-Ag '61

EAST GERMANY see Germany, East

EAST KAZAKHSTAN PROVINCE—AGRICULTURAL ADMINISTRATION
A wrong decision of a province committee of the party. Part. zhizn' Kazakh. 31 no. 7:25-37 Jl '61.

EAST KAZAKHSTAN PROVINCE—BUILDING MATERIALS INDUSTRY
In order to expand the construction industry we should develop our building materials industry. P. Egorov. Part. zhizn' Kazakh. 31 no. 7:44-46 Jl '61.

EAST (SOVIET FAR EAST) see Soviet Far East

EASTERN EUROPE see Europe, Eastern

EASTERN SIBERIA see Siberia, Eastern

EATON, CYRUS
Intolerant and ignorant. Mezhdunar. zhizn' 8 no. 8:125 Ag '61.

EBERTHELLA TYPHOSA
Dehydrogenase and cytochrome oxidase activity of levomycetin-resistant and sensitive typhoid bacteria [with summary in English]. G. M. Shub. Antibiotiki 6 no. 6:437-441 My '61.

ECHO
Morphological studies of the cytopathogenic effect of poliomyelitis, Coxsackie, and ECHO viruses in tissue culture [with summary in French]. A. P. Savinov, V. M. Rogova. Zhur. nevr. i psikh. 61 no. 3:341-347 '61.

ECHO RANGING see Sonar

ECLIPSES, LUNAR
In accordance with the laws of celestial mechanics. IE Sandakova Volov ateist no. 1 13-15 Ja '61
Precise recordings of contacts of the earth's shadow with lunar features. S V Drozdov Biul VAGO no. 29 26-29 '61.

ECLIPSES, LUNAR—1956
Shape of the earth's shadow in the partial lunar eclipse of May 24, 1956 G V Kuklin. Biul VAGO no 29: 30-38 '61

ECLIPSES, SOLAR—1961
Ionospheric effect of the solar eclipse of February 15, 1961 according to observation made in Moscow K N. Vasil'ev, A. S. Veleshin, A. R. Kosenkov. Geomag. i aer. 1 no. 2 277-278 Mr-Ap '61

ECLOGITE see subdivision under Makbal' Highland, Ural Mountain region

ECOLOGY
Ecology and taxonomy as exemplified by the study of brachiopods E A. Ivanova. Biul MOIP. Otd. geol. 36 no. 2:138 Mr-Ap '61.
Relationship in life of organisms of the geologic past. R. F. Gekker. Biul. MOIP. Otd. geol. 36 no. 2 139-140 Mr-Ap '61.

ECONOMIC ASSISTANCE, AMERICAN
Colonialism under the "help" banner. V. Fedorov. Az. i Afr. seg. no 4:12-13 Ap '61.
Tactics and strategy of American "aid." I. Mikuson. Mezhdunar. zhizn' 8 no. 8:107-108 Ag '61.

ECONOMIC ASSISTANCE, EAST GERMAN
Altruistic help. K. Nikolaev. Az. i Afr. seg. no 4:54-55 Ap '61.

ECONOMIC ASSISTANCE, RUSSIAN see subdivision under India

ECONOMIC COUNCILS, ADMINISTRATIVE see Administrative economic councils

ECONOMIC CYCLES see also subdivision 'Business cycles' under United States

ECONOMIC HISTORY
Economic life. V zashch. mira no. 8:57-64 Ag '60.
In capitalist countries; facts and figures. Komm. Vooruzh. Sil 1 no 13 76-78 Jl '61.
Transportation workers, monopolies and neocolonialism S Chatterjee Vsem. prof dvizh no 7.9-13 Jl '61.

ECONOMIC POISONS see Pesticides

ECONOMIC RESEARCH
Coordination in the study of economic problems. N. Linkun, A Sokolovskii Vop. ekon. no. 7:152-158 Jl '61
Economics at the present stage of the building of communism K. Plotnikov Vop ekon no 8:15-25 Ag '61.
In the Economics Research Institute of the U. S. S. R. State Economic Council G Samborskii. Vop ekon. no. 8, 158-160 Ag '61.
The work of economists must be on a level with contemporary demands Vop. ekon. no. 7:3-6 Jl '61.

ECONOMIC ZONING see subdivision under Bulgaria; France; India, Mexico

ECONOMICS
Correlation between economic thought and economics. D. Breusenko. Vop. ekon. no 8:125-129 Ag '61.
Delimitation of the production of material values and the nonproductive sectors of the national economy in a socialist society. V A Novikov Sbor. st Irk VPSH no. 1, 119-140 '59.
The economic nature of socialism. A. Agevnin. Kommunist 38 no 13:85-86 S '61
Is it a proper way to interpret important theoretic problems? ("Main problems of the political economy of socialism in V. I. Lenin's work" by N. D. Kolesov and others. Reviewed by A. Kossoi) Vop ekon. no. 8: 142-146 Ag '61.
Maksin, V. I. [Vulgar bourgeois economics of the end of the 19th and beginning of the 20th century] Vul'garnaia burzhuaznaia politicheskaia ekonomiia konsa XIX - nachala XX v.; uchebnoe posobie. Minsk, Belorusskii gos. in-t nar. khos. im. V. V. Kuibysheva, 1960. 49 p.
The postwar capitalist cycle. I. Kuz'minov. Mezhdunar. zhizn' 8 no. 8, 87-96 Ag '61.
Textbook on market conditions ("Fundamentals of the study of market conditions in capitalist economics" by F. G Piskoppel'. Reviewed by E. Menzhinskii). Vnesh. torg. 41 no. 7, 46-48 Jl '61.
W. Rostow's "Theory of stages." I. Osadchaia and others. Mir. ekon. i mezhdunar. otn. no. 7:142-157 Jl '61.

ECONOMICS—BIBLIOGRAPHY see Bibliography—Economics

ECONOMICS—CONGRESSES
Seminars of Soviet and English economists held in London and Moscow. S. Vishnev, A. Milelkovskii. Mir. ekon. i mezhdunar. otn. no. 7:137-141 Jl '61.

ECONOMICS—STUDY AND TEACHING

Conducting conferences on the theory of economics. N F Bokareva Sred spets obr 8 no 7 51-55 Jl '61

Efficiency of teaching economics A. Shagin. Vop. ekon. no 8 139-141 Ag '61

ECONOMICS, MATHEMATICAL

Introducing mathematical methods and calculating machines in planning N Kovalev. Plan khoz 38 no 8 15-25 Ag '61

Use of mathematical methods in economic and commercial research. N Druzhinin. Sov torg 34 no 6 31-33 Je '61

Using mathematics and electronic calculating machines in plant planning M Fedorovich. Vop ekon. no 8 90-103 Ag '61

ECONOMICS, MATHEMATICAL—CONGRESSES

Conference on the problems of using mathematical methods and modern calculating machines in planning in machinery manufacturing enterprises. Plan. khoz. 38 no 8 93-96 Ag '61

EDATHAMIL CALCIUM DISODIUM

Some aspects of the effect of EDTA CaNa2 on lead poisoning under experimental conditions [with summary in English]. O.G Vasil'eva Gig i san 26 no. 3 22-25 Mr '61

EDEMA

Mechanism of anti-edematous effect of chlortetracycline and cytosine [with summary in English]. I.L Blokhman, P. P. Golikov. Antibiotiki 6 no. 5:419-422 My '61.

EDISON, THOMAS ALVA, 1847-1931

Laplrov-Skoblo, M.IA. Edison Moskva, Molodaia gvardiia, 1960. 252 p. (Zhizn' zamechatel'nykh liudei. Ser. biografii, no. 15(305))
(CU)

EDUCATION

(see also subdivision under Albania; Bulgaria, Chuvashia, Georgia, Gomel' Province, Great Britain; Kirghizistan; Lepel' District, Magadan Province, Mongolia, Nikolayev Province, Poland; Tunisia, Ukraine, Uzbekistan, Vologda Province)

All-round development of man's personality is the most important task of the development of communism F F Korolev Sov. pedag 25 no 7 12-36 Jl '61.

Cuban educators in the U.S.S.R. V.Khorol'skii. Nar. obr. no.8 102 Ag '61

"Didactics in the pedagogical system of N.K.Krupskaia" by E.I.Rudneva. Book review. Nar.obr. no.8 101 Ag '61.

Exchange of work experience between Soviet and Hungarian pedagogues K Boldyreva. Sov pedag. 25 no 6:159-160 Je '61

"From the history of Russian schools and pedagogics of the 18th century" by M.V Sychev-Mikhailov Reviewed by M IA Popov Sov pedag. 25 no 7:139-141 Jl '61

Greetings to the Congress of Teachers of the Russian Federation Khim v shkole 15 no.3 4 My-Je '60

In the Ministry of Education of the R.S F.S.R. Nach. shkola 29 no 6 93-97 Je '61

In the Ministry of Education of the R.S.F.S.R. Nach. shkola 29 no.8 90-93 Ag '61.

Let's increase the role of pedagogical science and progressive experience in the reorganization of schools. Sov pedag 25 no 6:3-8 Je '61.

The national economy and public education. F.Korolev. Nar.obr. no.8 IX-XVI Ag '61.

EDUCATION—BIBLIOGRAPHY see Bibliography—Education

EDUCATION—COMPETITIONS

e best research paper on the - -- s there cannot be a single subject that does not prepare for life and work " Rus iaz. v shkole 22 no 3 126-127 My-Je '61

EDUCATION—CONGRESSES

Resolutions of the 23rd International Conference on Public Education. Sov. pedag 25 no. 6:157-159 Je '61

EDUCATION—CURRICULA see subdivision under Ukraine

EDUCATION—EXPERIMENTAL METHODS see subdivision under Vetrino

EDUCATION—PERIODICALS

(see also subdivision under Europe, Eastern)

Read it in the periodicals. Nar.obr. no.8.103 Ag '61.

EDUCATION, COMPULSORY

Let's welcome the 22d Party Congress in the communist way. Nach. shkola 29 no. 7:3-6 Jl '61.

EDUCATION, COOPERATIVE

(see also subdivision under Minsk; Odessa Province; Saratov Province, Ukraine)

Bulatov, N.P. [Production practice of students] Proizvodstvennaia praktika uchashchikhsia. Pod red. M.N. Skatkina. Moskva, Izd-vo Akad. pedagog. nauk, 1958. 73 p. (Politekhnicheskoe obuchenie v shkole)

Combining instruction with students' production work. I T Arlskin, G B Kuperman. Sov pedag 25 no 6: 76-84 Je '61

Conducting tests on practice training M. I. Parkhomenko Sred spets obr 8 no 6 25-26 Je '61

Connection between a course on chemistry and instruction at a plant E.P Kleshcheva, V.S. Zhukovskaia. Khim v shkole 15 no 3 29-35 My-Je '60.

Connection between instruction and work in secondary schools S A Shaporinskii Sov pedag 25 no 6:140-148 Je '61

Coordination in the training of qualified workers S Prubnikov Prof.-tekh.obr 18 no 6:14-16 Je '61

Current problems of work training in secondary schools. A A Vasil'ev Sov. pedag 25 no 7:37-41 Jl '61

"Didactic bases of the connection between instruction and students' work" by M.N.Skatkin. Book review. Nar obr. no 8 101-102 Ag '61.

Educational significance of production instruction. D Stel'makh. Shkola i proizv 5 no 7,93 Jl '61

In the Council of Ministers of the U.S.S.R., improving the work training of general secondary school students Shkola i proizv 5 no. 7,3-5 Jl '61

Organizing workshops, aisles and sections at factories and building sites for the work training of secondary school students Shkola i proizv. 5 no 7,95 Jl '61

Seminar for teachers at a factory. A. Moskalev. Shkola i proizv 5 no 7:72-75 Jl '61

Valuable generalization of experience ("Study and work" by B L Zolotavin, N D Nellubin. Reviewed by M Skatkin, P Atutov) Shkola i proizv 5 no 7:82-83 Jl '61.

We are strengthening contact with life. A. Alov. Nar. obr. no.8 35-38 Ag '61.

EDUCATION, DISTRIBUTIVE see Distributive education

EDUCATION, ELEMENTARY

(see also subdivision under Kostroma, Lipetsk Province, Obolon' District; Taganrog; Ukraine)

Basic trend in the work of schools for the new school year. Nach.shkola 29 no.8:3-6 Ag '61.

Children, parents and teachers, are all happy. M Rybachuk Shkola-int no 3 64-66 My-Je '61.

Contact with schools B.P.Shklovskaia Doshk vosp. 34 no. 7 31-32 Jl '61

Editor's mail. M. A. Cherevkov. Nach. shkola 29 no. 7: 90-91 Jl '61.

Efficient teaching methods. V.D.Sokolova. Nach. shkola 29 no.8 12-16 Ag '61.

First graders after the introduction of academic instruction in kindergartens. G. A. Tkacheva. Doshk. vosp. 34 no 7,27-31 Jl '61

In the Ministry of Education of the R. S. F. S. R. Nach. shkola 29 no. 7:92-93 Jl '61.

Let's raise the quality of elementary education! Nar. obr. no.8:1-3 Ag '61.

Model planning of educational material. Nach.shkola 29 no.8,47 Ag '61.

Model planning of work lessons in grades 1-4 for the first semester. I.G.Rozanov. Nach.shkola 29 no.8, 75-78 Ag '61.

Pedagogical basis of the behavior rules for grade 1-4 students M A. Vasil'eva, A N. Tarasov Nach. shkola 29 no. 6,47-52 Je '61.

Present-day problems of elementary schools Nach. shkola 29 no 6:74-78 Je '61.

Sample textbooks for grades one and two A Prudnikova, O Shtkina, M Omorokova Nach. shkola 29 no 6:90-92 Je '61

Some methods of increasing the effectiveness of reading and writing lessons. L.K Nazarova. Nach shkola 29 no 7:27-36 Jl '61.

Suggested planning of academic material in grades 1-4. A S. Pchelko, M. I Moro. Nach shkola 29 no. 7:74-90 Jl '61.

Two-grade school with longer hours. B. Batrunov. Nar.obr. no.8:13-14 Ag '61.

Work is the best teacher. E.Mukhina. Nar.obr. no.8: 12-13 Ag '61.

Zhilkina, A. D., and V. F. Zhilkin. [Handwork in elementary schools] Rychnoi trud v nachal'noi shkole. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1958. 230 p.

EDUCATION, ELEMENTARY—AUDIO-VISUAL AIDS

Development of logic at the pre-ABC-book stage. V. A. Kiriushkin. Nach. shkola 29 no. 7:15-26 Jl '61

The rank-and-file teacher needs help. I.Ignat'ev. Nar. obr. no.8:15 Ag '61.

EDUCATION, ELEMENTARY—CONGRESSES see subdivision under Liepaja

EDUCATION, ELEMENTARY—PERIODICALS

Conference on the periodical "Nachal'naia shkola." F.G. Tavastev. Nach.shkola 29 no.8:95 Ag '61.

EDUCATION, HIGHER

[Bulletin of the Ministry of Higher and Secondary Specialized Education of the U.S.S.R.] Biul.Min.vys.i sred. spets.obr.SSSR nos.6-7 Je-Jl '61.

[Bulletin of the Ministry of Higher and Secondary Specialized Education of the U.S.S.R.] Biul.Min.vys.i sred spets.obr.SSSR no.8 Ag '61.

Studying on official leave. V. Kaliukshtis. Sov. profsoiuzy 17 no. 13 13 Jl '61

EDUCATION, INTERNATIONAL see International education

EDUCATION, MILITARY see Military education

EDUCATION, NAVAL see Naval education

EDUCATION, PRESCHOOL see subdivision under Altai Territory, Bashkiria; Chervonoi meyskoye District, Estonia, Germany, East; Minusinsk District, Stalino Province; Ukraine)

Closer to life! D. I Tabasheva Doshk. vosp 34 no 18-19 Je '61.

Every small school should get attention. N.I Svetkina Nar. obr. no.8,14 Ag '61.

Public attention should be called to the review of preschool institutions on collective and state farms Doshk vosp 34 no. 6:11 Je '61.

"Right!.." Kh. Akhtamzian. Doshk. vosp 34 no 6 73-74 Je '61.

Voluntary helpers I. A. Gal'perina. Doshk vosp 34 no. 6:14-17 Je '61

EDUCATION, PRESCHOOL—BIBLIOGRAPHY see Bibliography—Education, Preschool

EDUCATION, PRESCHOOL—PERIODICALS see subdivision under Germany, East

EDUCATION, RURAL—CONGRESSES

Congress of the rural school workers of the R.S.F.S.R Rad shk 40 no 5 90-92 My '61

EDUCATION OF CHILDREN

Continuity between the work of kindergartens and the schools P S Mileeva. Doshk. vosp. 34 no 6 29-30 Je '61

For the peace and happiness of children in the whole world Doshk vosp. 34 no. 6, 3-7 Je '61.

People who guide them toward life. A. Venger. Sem'ia i shkola 16 no 34-35 My '61.

EDUCATION OF CHILDREN—BIBLIOGRAPHY see Bibliography—Education of children

EDUCATIONAL PSYCHOLOGY

Arousing the cognitive activity of students in acquiring general knowledge I O. Synytsya. Rad shk 40 no 8 24-30 S '61.

Conference on the psychology of instruction and training M. I. Alekseeva. Sov. pedag. 25 no 6:154-155 Je '61

"Didactic essays" by R.G.Lemberg. Book review. Nar.obr. no.8 102 Ag '61.

Khodakov, IU. V. [Development of logical thinking in chemistry lessons] Razvitie logicheskogo myshleniia na urokakh khimii. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1958. 46 p. (Pedagogicheskaia biblio teka uchitelia)

EDUCATIONAL PSYCHOLOGY—CONGRESSES

Congress on the psychology of work training and education L G Podoliak Rad. shk. 40 no 5:94-95 My '61

EDUCATIONAL RESEARCH

(see also subdivision under Cherkassy; White Russia)

Terms of the competition for the best research work on the subject "In the new schools there cannot be a single subject which does not prepare for life and work " Shkola-int no. 2 91-92 Mr-Ap '61.

EFFECT OF TEMPERATURE ON METALS see Metals, Effect of temperature on

EFFICIENCY, INDUSTRIAL

(see also subdivision under Sovastopol)

A conference on the standard-bearers of communist labor. D. D. Lappo, A. V. Losev. Vop. ist. no 7 169-171 Jl '61.

Follow the example of the foremost. Mast. prom. i bud. promys. 2 no. 6:1 Je '61.

History of the movement of shock workers and the brigades of communist labor [with summary in English, pp. 218-219]. A L. Mil'shtein, M. M Ol'shanskii. Vop ist no 8 27-40 Ag '61.

More attention should be given to the primary organization of scientific and technical societies. S.O. Gorbatkov. Der. prom. 10 no. 7,16 Jl '61.

We are the young builders of communism; here are our deeds, our contribution to the peaceful competition with capitalism. Tekh. mol. 29 no. 6:12-14 '61.

EGGS—PRODUCTION

Changes in the mineralization of the skeleton of hens during the period of egg laying. Z.M.Davydova. Biul.MOIP, Otd.biol. 66 no.4:152 Jl-Ag '61.

Some characteristics of the metabolism of food calcium in poultry in connection with the formation of eggshell. E.V.Sokolova. Biul.MOIP.Otd.biol. 66 no.4 149 Jl-Ag '61.

EGGS—STORAGE

Relationship between the refraction of the white of the hen's egg and its storage time A I. Artemchenko Nauch dokl vys shkoly, biol nauki no 3,102-104 '61

EGOROV, ALEKSANDR IVANOVICH, 1889-

A.I.Egorov; obituary. Kryl.rod. 12 no.4-31 Ap '61.

EGYPT—ANTIQUITIES

From Cairo to Luxor. E. Beliaev, E. Lebedev. Az. i Afr. seg no 4 23-25 Ap '61

EGYPT—CENSUS

Unpublished papyri of the Hermitage. O. O. Kruger, M. G. Bystrikova, R. A. Novikova. Vest. drev. ist no 2 97-102 '61.

EGYPT—COMMERCE

From the history of Hellenistic economics; concerning trade competition between the Bosporus and Egypt in the third century B.C. M. K. Trofimova Vest drev ist. no. 2;46-68 '61.

EGYPT—DESCRIPTION AND TRAVEL

From Cairo to Luxor. E. Beliaev, E. Lebedev. Az. i Afr. seg. no 4 23-25 Ap '61.

EGYPT—INTERCONNECTED ELECTRIC UTILITY SYSTEMS

The consolidated electric power system in the Egyptian part of the United Arab Republic P. Nepomozhnii. Mezhdunar zhizn' 8 no 9:105-106 S '61

EGYPT—TAXATION

Supplement: Sources on ancient Egyptian taxation at the time of the New Kingdom. Vest. drev ist. no. 2;179-260 '61.

EGYPTIAN LANGUAGE—WRITING, HIERATIC

Koroslovtsev, M. A. [Hieratic papyrus No. 127 in the collection of the A. S. Pushkin State Museum of Fine Arts] Ieraticheskii papirus 127 iz sobraniia GMII im. A. S. Pushkina. Moskva, Izd-vo vostochnoi lit-ry, 1961. 70 p.

EGYPTIAN LITERATURE—HISTORY AND CRITICISM

"Land," a novel of Abd al-Rahmān al-Sharqāwi. A. F. Sultanov. Uch zap inst. nar. Azii 22:131-135 '60

EICHMANN, ADOLF, 1906

Eichmann names his accomplices. Mezhdunar. zhizn' 8 no.8:113-125 Ag '61.

Eichmann names his accomplices (continuation). Mezhdunar. zhizn' 8 no. 9:121-131 S '61

EIGENFUNCTIONS

Asymptotic expansion of the eigenfunctions of eigenvalues of a self-adjoint 2d-order differential operator with continuously large coefficients A M Gusenbekova Izv. AN Azerb. SSR Ser fiz -mat i tekh nauk 2;13-25 '61.

Expansion by eigenfunctions of certain non-self-adjoint boundary value problems. A B Nersesian Sib mat zhur. 2 no. 3;428-453 My-Je '61

EIGENVALUES

Asymptotic expansion of the eigenfunctions of eigenvalues of a self-adjoint 2d-order differential operator with continuously large coefficients A M. Gusenbekova. Izv. AN Azerb. SSR Ser fiz. -mat i tekh. nauk 2;13-25 '61.

Eigenvalues and eigenvectors of completely continuous operators. E. A. Troitskaia. Izv. vys. ucheb. zav.; mat. no. 3;148-156 '61.

ELASTIC PLATES AND SHELLS

Approximation solution of homogeneous equations by the moment theory of spherical shells. A. A. Kulagin. Izv vys. ucheb. zav. ;stroit i arkhit 4 no. 3;13-24 '61.

Asymptotic features of equations describing a large sag in a circular symmetrically loaded plate. L S Srubshchik, V I IUdovich Dokl AN SSSR 139 no. 2;341-344 Jl '61.

Axially symmetrical loss of stability of a thickwalled spherical shell subjected to uniform pressure. L V. Ershov. PMTF no. 4;81-82 N-D '60.

Dynamic stability of thin elastic trapezoidal and triangular plates. V. N. Pastushikhin. Izv. vys. ucheb. zav. ,stroit. i arkhit. 4 no. 3;3-12 '61.

Elastic-plastic bending of plates. N. A. Forsman. PMTF no. 4;79-80 N-D '60.

Experimental investigation of the elastic stability of cylindrical and spherical shells D V Kondrikov, A. M Mel'nikov. Trudy LKI no. 29 211-219 '59

Fundamental equations of the general theory of thin elastic shells under stress. T. T. Khachaturian. Prikl. mat. i mekh. 25 no 3 536-542 My-Je '61.

Fundamental relations in the theory of thin shells. V. M Darevskii Prikl mat. i mekh 25 no 3 519-535 My-Je '61.

More exact solution of the stability problem for rectangular panels of flexible shallow shells [with summary in English]. M. A. Koltunov. Vest. Mosk. un. Ser. 1: Mat., mekh. 16 no 3 37-45 My-Je '61.

One boundary value problem for the equation of the bending of a thin plate. A. F Khrustalev, V. A. Vainshtein Izv vys ucheb zav., mat. no 4 119-124 '61.

Sheremet'ev, M. P. [Plates with reinforced rim] Plastinki s podkreplennym kraem. [L'vov] Izd-vo L'vovskogo univ., 1960. 257 p.

Solutions based on the theory of strengthening to certain problems of the stability of plates and shells in conditions of creep. A. P. Kuznetsov, L. M. Kurshin PMTF no. 4;84-89 N-D '60

Some general representations of solutions to the equations of the theory of shallow shells I I Vorovich Prikl. mat i mekh 25 no 3 543-547 My-Je '61.

Torsion of a cylindrical plate with a hole reinforced with a flexible ring along its edge I. M. Pirogov. Izv vys. ucheb zav , mashinostr no 6 75-81 '61

Unsteady creep in zero-torque shells. V. I. Rozenblium. PMTF no. 4 82-84 N-D '60.

ELASTIC RODS AND WIRES

Approximation method of conformal representation of multiangle areas and torsion of rods with the form of rolled profiles. V. I. Makhivikov. Izv. vys. ucheb. zav.: stroi. i arkhit. 4 no. 2 3-10 '61.

A problem in the longitudinal-transverse bending of a bar. O. N. Savinov. Izv. vys. ucheb. zav.: stroi. i arkhit. 4 no. 2.17-22 '61.

System of equations in the problem of the flexure of a round prismatic bar having an elliptic noncoaxial opening IU. A Amenzade Dokl. AN SSSR 139 no. 3;580-583 Jl '61

ELASTIC RODS AND WIRES—VIBRATION

Electronic modeling of transverse vibrations of rods in the presence of axial forces. A. V. Baranov, V. P. Kandidov, A. E. Ordanovich. Vest. Mosk. un. Ser. 3 Fiz., astron. 16 no. 3,43-51 My-Je '61.

Investigating internal damping in metals. Z. A. Mitskevich Izv vys ucheb. zav , mashinostr no. 6 90-96 '61.

ELASTIC SOLIDS

Method of analytic mechanics in the theory of absolutely elastic impact of systems of material bodies V. I. Kirgetov. Prikl mat. i mekh 25 no. 3 407-412 My-Je '61.

New ultrasonic method of measuring the elastic properties of solids at high temperatures. D. A. Kalugin, I. G. Mikhailov. Akust. zhur. 7 no. 2:195-200 '61.

"Supervicous" longitudinal waves in elastic media. A. E. Voyk, V. V. Tiutekin. Akust. zhur. 7 no. 2: 256-257 '61.

ELASTIC WAVES

Approximate theory of the head wave arising from a cylindrical inclusion in a uniform elastic medium G. A. Skuridin. Prikl mat. i mekh. 25 no 3 490-497 My-Je '61

ELASTICITY

Application of V. P. Pliatovskii's operational method of approximation to the solution of one problem involving the radial flow of an elastic fluid in an elastic stratum. N. A Saltakazin Sbor nauch. trud. Kuib. indus. inst no 8 309-322 '59.

Calculating the distribution function for the relaxation constants from the dispersion of the real portion of the complex elasticity in elastic-viscous bodies T D. Shermergor Izv. vys. ucheg. zav , fiz no 1;77-83 '61.

Distribution of the elasticity constants in hexagonal polycrystals. V. A. Bykov, S. D. Volkov, N. A. Klinskikh PMTF no. 4;69-72 N-D '60.

Elastic constants of crystals Part 2 [translated from the English] H. B. Huntington. Usp. fiz. n-k 74 no. 3; 461-520 Jl '61

Kinetics of the conditionally instantaneous formation of polymers in the elastic state. V. F. Chuvaev, P. A. Rebinder. Do[illegible] no. 1;83-86 Jl '61.

Method for solving two-dimensional the theory of elasticity for doubly S. M Belonosov, Sib. mat zhur. Je '61.

Solving axisymmetric problems in by means of analytic functions. Dokl. AN SSSR 139 no. 2;337-340

Some nonlinear boundary value pro Maxwell's body. B. M. Naimark, no. 1;63-66 Jl '61.

Steady oscillations in an unbounded elastoviscous semispace or a ser aftereffect. N. A. Nikolaenko. T 128-139 '58.

Stress function used for solving pr the action of a concentrated force linear coordinates. IU. I. Solov'e zav.: stroi. i arkhit. 4 no. 2:11-

Theory of the moduli of elasticity Zhdanov, V. M. Rubtsov. Izv. vys no. 1;168-169 '61.

Trajectories of cracks of brittle fr lines on the surface of bodies E Fridman, Dokl AN SSSR 139 no

ELBRUS REGION—CHLORINE

Geochemistry of chlorine IU P. Masurenkov, S. I. Pakhomov. Dokl AN SSSR 139 no 2;453-455 Jl '61

ELECTRIC ANESTHESIA

Shcherbakov, N. M. [Electric sleep; methodological instructions for physicians] Elektroson, metodicheskie ukazaniia dlia vrachei. Odessa, Odesskii nauchno-issl. psikhonevrologicheskii in-t, 1958. 21 p. (DNLM)

ELECTRIC APPARATUS AND APPLIANCES

D'iakov, V. I. [Standard designs of electric equipment; electrician's manual] Tipovye raschety po elektrooborudovaniiu, v pomoshch' tsekhovym elektrikam. Izd. 2., perer. i dop Pod red. B. V. Getlinga. Moskva, Vses. uchebno-pedagog. izd-vo Profitekhizdat, 1961. 125 p. (Biblioteka molodogo rabochego)

Editor's mail Shkola i proizv. 5 no 7:04 Jl '61.

Electric goods and household appliances ("Study of commercial products, Electric goods and household appliances" by V. G. Zaitsev. Reviewed by D. Chukaev.) Sov torg 34 no 6,48-49 Je '61

Leningradskii dom nauchno-tekhnicheskoi propagandy. [Portable electric spark systems; work of the Research Branch of the State Planning Institute of the Ministry of Transportation Machinery Manufacture] Perenosnye elektroiskrovye ustanovki; opyt raboty NIF GPI MTrM. Leningrad, 1952, 11 p. (Informatsionno-tekhnicheskii listok, no. 23(364))

New method for the wiring of the secondary commutation wires on panels L. I. Shufman, B. K. Zotov. Prom. energ. 16 no. 5:40-42 My '61.

Production instruction of students at a plant manufacturing electric meters. N. A Istoshin, V. I. Ivanik Shkola i proizv. 5 no 7:41-44 Jl '61

ELECTRIC APPARATUS AND APPLIANCES—BIBLIOGRAPHY see Bibliography—Electric apparatus and appliances

ELECTRIC ARC

Effect of the atmosphere on the radiation of an arc discharge. Part 1. O. P. Semenova, M. V. Petrova Izv vys. ucheb. zav., fiz. no. 2 71-76 '61.

ELECTRIC BATTERIES

Chemical galvanic cells in fused borates IU. K. Delimarskii, G. D. Nezamenko Ukr. khim zhur. 27 no 4 458-466 '61.

ELECTRIC BREAKDOWN see Breakdown, Electric

ELECTRIC BRUSHES see Brushes, Electric

ELECTRIC CABLES

Avinovitskii, I. IA. [Connection of cables] Soedinenie kabelei. Moskva, Gos. energ. izd-vo, 1961. 44 p. (Biblioteka elektromontera, no. 40)

Branzburg, E. Z., and S. T. Sokhranskii. [Installation of cables joints for lines with voltage ratings up to 35 kv.] Montazh kabel'nykh muft na napriazhenia do 35 kv. Moskva, Gos. energ. izd-vo, 1961. 359 p.

ELECTRIC CAPACITORS

Dielectric losses in Czechoslovakian condenser dielectric paper. V. T Renne, M N Morozova, A Ryshavyi. Izv vys. ucheb. zav., elektromekh 4 no 4.132-135 '61.

Use of condensers for increasing the power coefficient of an a.c. traction system. L. A. Chernousov. Elek. zhel. dor. no. 3,88-102 '61.

ELECTRIC CHARGE AND DISTRIBUTION

Distribution of the current density along the surface of local cells covered with thin layers of electrolytes [with summary in English] I. I. Rozenfeld, T. I.

ELECTRIC CONDUCTIVITY

Evaluating the theoretical bases of the Wiedemann-Franz law S V Belliustin Izv vys ucheb zav , fiz no 2 173 '61.

Some problems of heat resistance. M IU. Bal'shin, Dai Shou-khuei [Tai Shou-hui] Izv AN SSSR Otd tekh. nauk Met i topl. no 3,73-76 My-Je '61

Specific electric conductivity of potassium chloride aqueous solutions at high temperatures [with summary in English]. S. V. Gorbachev, V. P. Kondrat'ev. Zhur. fiz. khim. 35 no. 6 1235-1239 Je '61.

ELECTRIC CONTROLLERS

Automatic regulation of water heating P. P. Liakishev, V M Frolkin Sbor rats predl vnedr v proizv no 1 42-43 '61

Stand for checking and adjusting electric controllers N E Deineko Sbor. rats predl vnedr. v proizv no 1 30-31 '61

ELECTRIC CRANES

Inaccurate circuit for disconnecting the flexible trolley wires when they break. N. V. Nikol'skii. Prom. energ. 16 no. 5 59 My '61.

Pavlov, N. G. [Examples of crane designs] Primery raschetov kranov. Izd. 2., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 301 p.

ELECTRIC CRANES—SAFETY MEASURES

Profsoiuz rabochikh mashinostroeniia TSentral'nyi komitet. [Safety instructions for operators of electric overhead-travelling cranes] Instruktsiia po tekhnike bezopasnosti dlia kranovshchikov (mashinistov) elektromostovykh kranov. [Moskva] Mashgiz, 1961 31 p.

ELECTRIC CURRENT COLLECTORS

Differential-phase protection of collecting bars B I Gasviani, G F Dolidze. Elek sta. 32 no. 4 76-83 Ap '61

ELECTRIC CURRENT CONVERTERS

Corrective network for a compounding system G. V Smirnov. Izv NIIPT no 6 149-154 '60

Frequency-pulse converter of continuous electrical magnitudes. A. V. Kaliaev. Izv. vys. ucheb. zav., elektromekh. 4 no. 3,17-48 '61.

Ionic three-phase current converters with multistage plate voltages O. A. Maevskii. Izv vys ucheb zav , elektromekh 4 no 7 50-63 '61

Transfer coefficient of an inverted single-armature converter with angular splitting of the poles. M. M. Krasnoshapka, I. S Sherstobitov Izv vys. ucheb. zav , elektromekh 4 no. 5-30-34 '61.

Transistor d. c. voltage converter. IU. A. Rozanov. Trudy NIIGMP no 9:102-106 '60.

Zasorin, S. N., and others. [Ionic and electronic current converters] Ionnye i elektronnye preobrazovateli. Pod obshchei red. M. A. Chernysheva. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 306 p.

ELECTRIC CURRENT CONVERTERS—DRYING

Investigating and comparing different methods of drying removable parts of converters. L. V. Nikonov. Dokl. TSKhA no. 55:349-356 '60.

ELECTRIC CURRENT RECTIFIERS

Calculation of the initial plate potential of rectifiers in a three-phase half-wave rectifier network. N. I. Lavrov. Izv NIIPT no. 6 131-140 '60.

Grid blocking in a three-phase bridge circuit with one group of unregulated rectifiers. V. V. Tormasov. Izv. NIIPT no 6 141-148 '60.

High-voltage power rectifier with a nonsectionalized anode unit. V. I. Emel'ianov, V. A. Ivanchenko, A. IA. Ozol. Izv NIIPT no. 6:112-120 '60

Rectifying effect of the system Se - dielectric - Au D N Nasledov, R. A. Solov'ev Izv vys. ucheb. zav., fiz no. 1 104-109 '61.

Set for a selenium rectifier to be used for laboratory work on electrical engineering. N. F. Ioffe. Shkola proizv 5 no. 7-68-71 Jl '61

Special features of generating reactive power using artificial commutation circuits. B. A. Metelkin Elek. zhel. dor. no. 3:103-116 '61.

ELECTRIC CURRENTS—GROUNDING

Concerning the location of the ground in current networks. A. A. Koptelov. Energetik 9 no. 3:22 Mr '61

Design, installation, and operation of the grounding devices of electric power systems in the Far North. R. I. Zil'berman Elek sta. 32 no 4-62-65 Ap '61.

Grounding of high-voltage power line guy strands. A. N. Sherentsis. Energetik 9 no 3:39 Mr '61.

ELECTRIC CURRENTS, ALTERNATING

Effect of the superimposition of alternating current to electrode processes in zincate electrolytes. V. N Flerov. Zhur. prikl. khim 34 no. 7 1547-1554 Jl '61.

ELECTRIC CUTOUTS

New design of insulated tongs. I. N. Orekhov. Energetik 9 no. 3:21-22 Mr '61.

ELECTRIC CUTTING MACHINERY

Modernization of internal grinding and sharpening machinery for electrocrosive machining. M. N. Ulitin, E. A. Deev Tr. akt. i sel'khozmash. 31 no 2-43-46 F '61.

ELECTRIC DIPOLE MOMENTS see Dipole moments

ELECTRIC DISCHARGE LIGHTING

Ejection of matter from an electrode when using a pulsed light source M. N Shtutman and others. Izv vys. ucheb. zav , fiz. no 2 171-175 '61

ELECTRIC DISCHARGES

Comments on the mechanism of electric erosion N V Afanas'ev, M B Rzevskii, V A Franiuk Izv vys ucheb zav , fiz no 1 138-142 '61

ELECTRIC DISCHARGES THROUGH GASES

Determining the temperature of the positive column in argon from the Doppler width of the atomic line. K. S. Mustafin. Uch. zap Tadzh. un. 16,103-110 '58.

Investigating the gas temperature in a negative glow and in the positive column of a glowing discharge V. N Elizar'eva, L. P. Murav'eva Izv vys ucheb zav , fiz no 1 166-168 '61

Pinch effect exerted on a positive gas discharge column by a nonuniform high-frequency electric field K S Golovanivskii, A A Kuzovnikov Zhur tekh fiz 31 no 7,890-892 Jl '61.

Some experiments on the stationary flow of a plasma in a homopolar discharge tube. M F. Shirokov, E P. Vaulin, N A. Chesnokov. Zhur tekh fiz 31 no 7-802-805 Jl '61

Spectroscopic study of a toroidal discharge [with summary in English] V G Averin, M A Mazing, A. I. Pisanko Zhur eksp i teor. fiz. 41 no. 1 42-48 Jl '61.

Spectrum excitation in a spark discharge. N. K. Sukhodrev. Trudy Fiz. inst. 15:123-177 '61.

Stationary state concentrations of nitric oxide in a discharge Part 3 Part played by the electrodic spot in the formation of nitrogen oxides in a glow discharge [with summary in English] A. N. Mal'tsev, E N Eremin, V S Martem'ianov Zhur fiz. khim. 35 no 7 1503-1505 Jl '61

Study of nonequilibrium phenomena in shock waves. S. A Losev, A I Osipov Usp. fiz. nauk 74 no 3.393-434 Jl '61.

Transition radiation of currents passing through the boundary of a plasma. V. N TSytovich. Zhur. tekh. fiz. 31 no 7.766-774 Jl '61.

Values of $V_{c.v.}$ and φ for a molybdenum cathode in argon P N Chistiakov, R A. Milovanova Zhur. tekh. fiz. 31 no. 6 746-748 Je '61.

ELECTRIC DRIVING

Korotaev, A. I., and V. I. Makshanov. [Circuits for the automatic control of electric drives; study manual] Skhemy avtomaticheskogo upravleniia elektroprivodami; uchebnoe posobie. Leningrad, Leningr. mekhn. in-t, 1960. 259 p.

Problems concerning the statistical dynamics of an electric drive. V F Shukailo Izv vys. ucheb zav , elektromekh. 4 no 5-50-68 '61

Russia (1917- R.S.F.R.) Glavnoe upravlenie po proizvodstvu elektromontazhnykh rabot. [Establishment of secondary commutation in electric systems] Montazh vtorichnoi kommutatsii v silovykh elektroustanovkakh. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 302 p. (Serija posobie po povysheniiu masterstva stroitelei)

Semigraphical method for calculating the mechanical characteristics of automatic control systems with transverse field amplidynes O. V. Popov. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom no. 3:148-158 My-Je '61

Use of mathematical simulation for improving the dynamic properties of the electric drive of the Blooming shears. IU. A. Bortsov, G V. Suvorov, IU. A. Tanaev. Izv. vys ucheb zav., elektromekh. 4 no. 4.54-61 '61.

ELECTRIC DRIVING—CONGRESSES

Conference on science and technology at the Moscow Order of Lenin Power Engineering Institute. I. P. Kopylov. Izv. vys. ucheb. zav.; elektromekh. 4 no. 5-106-107 '61.

ELECTRIC ENGINEERING

From the pages of technical journals. Energetik 9 no. 3:38-40 Mr '61.

Kitaev, V. E., and L. S. Shliapintokh. [For the young electrical engineer] IUnomu elektrotekhniku. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 134 p. (Politekhnicheskaia biblioteka shkol'nika)

ELECTRIC ENGINEERING—ABSTRACTS

[Electrical engineering and electric power.] Ref. zhur.: Elektrotekh. i energ. no. 8 Ag '61.

ELECTRIC ENGINEERING—STUDY AND TEACHING

Set for a selenium rectifier to be used for laboratory work on electrical engineering. N. F. Ioffe. Shkola proizv. 5 no. 7:68-71 Jl '61

Training of electricians for rural electrification. IU. E. Durasevich. Shkola i proizv. 5 no. 7:47-54 Jl '61.

ELECTRIC FANS see Fans, Electric

ELECTRIC FIELDS

Commutation function of a nonlinear meson field [with summary in English] D Ivanenko, D F Kurdgelaidze Zhur. eksp. i teor. fiz. 40 no 4 1071-1075 Ap '61

Conductivity of plasma in a strong electric field. Ya. B Shapiro Zhur tekh. fiz. 31 no. 5 529-530 My '61

Dispersion in ferroelectrics [with summary in English] D G Samsikov Zhur. eksp. i teor. fiz. 41 no 1 137-138 Jl '61

Effect of a constant electric field on electron temperature in the ionosphere. A. V. Gurevich, L. P. Pitaevskii. Geomag. i aer. 1 no. 1:34-40 Ja-F '61

Electric field of an emitter in a plasma situated in an external magnetic field. B. P Kononov, A. A Ivanitskii, G. V. Solodukhov. Zhur. tekh. fiz. 31 no. 5 565-571 My '61.

Electric fields of ocean currents produced by the earth's magnetic field. V. B. Glasko, A. G. Kusnetsova. Geomag. i aer. 1 no. 1:73-81 Ja-F '61.

Electron bunching in an accelerating field. D. D. Ivanovskii, Vest. Mosk. un. Ser. 3 fiz., astron. 16 no. 1 35-42 My-Je '61.

Example of calculating the electromagnetic field in a three-phase system of conductors with a non-circular cross section V. M Alekhin Izv vys. ucheb. zav. elektromekh 4 no 4 3-32 '61.

Magnetoelectric effect in chromium oxide [with summary in English]. D. N. Astrov. Zhur. eksp. i teor. fiz. 40 no. 4,1034-1041 Ap '61.

Movement of dust particles in the electric field of an insulator Ch M Dzhuvarly, M. M Dzhafarova Izv. AN Azerb SSR Ser. fiz.-mat. i tekh. nauk 2 no 1 '61

Pinch effect exerted on a positive gas discharge column by a nonuniform high-frequency electric field K S Golovanivskii, A A Kuzovnikov. Zhur. tekh fiz 31 no. 7:890-892 Jl '61.

Remarks on the theory of electromagnetic fluctuations in a nonequilibrium plasma [with summary in English] F. V. Bunkin Zhur. eksp. i teor. fiz 41 no 1 2 8 3 Jl '61.

Simulation and calculation of the trajectories of relativistic charged particles in electrostatic fields A M Strashkevich Radiotekh. i elektron. 6 no 8 1401-1412 Ag '61.

Solution of equations of the one-dimensional motion of a compressible gas of finite conductivity in transverse electric and magnetic fields (stationary case) K. P Lan'ke. Zhur. tekh. fiz. 31 no. 5 623-637 My '61

ELECTRIC FURNACES

Assembling an electric steel smelting furnace M I Levin. Mont. i spets. rab. v stroi. 23 no. 7.8-9 '61

Redesigning of the electric power supply network for carbide furnaces. A. V. Dosycheva and others. Prom. energ. 16 no. 5:15-16 My '61.

Using coke gas for drying the crown of an electric furnace. P. L Pirozhenko. Sbor. rats. predl. vnedr. v proizv. no. 1-13-14 '61

ELECTRIC FURNACES—DESIGN AND CONSTRUCTION

New method for laying electric-furnace walls Sbor. rats. predl vnedr. v proizv. no. 1 12-13 '61.

ELECTRIC GENERATORS

Automatic voltage regulation for asynchronous high-frequency 200-hertz generators. N. F Minkulev Dokl TSKhA no. 55:329-335 '60.

Power plant with a generator of alternating action A. Ter-Mkrtchian. Prom. Arm. 4 no. 7:30 Jl '61

Resynchronization of two generators with a constant available power rating. M. P. Chesnov Izv. AN SSSR Otd tekh nauk Energ. i avtom. no. 3:142-147 My-Je '61

Stabilized high-frequency generator with an optronic feedback. A. N. Zaidel', A. A. Petrov, V. B Kalinov. Zav. lab. 27 no 7,901-907 '61.

ELECTRIC GENERATORS—STANDARDS

Standardization of electric motors and generators Standartizatsiia 25 no 6:26-28 Ag '61

Standards for frequencies of electric units. Standartizatsiia 25 no. 6:26-27 Ag '61

ELECTRIC INDUSTRIES
(see also subdivision under Erivan)

Important problems in trade-union activity. V. I Mazin Energetik 9 no. 3:35-37 Mr '61.

ELECTRIC INDUSTRY WORKERS see subdivision under Leningrad; Moscow

ELECTRIC INSULATORS AND INSULATION
(see also subdivision under Armenia)

Discharge potentials of long suspension insulators on a. c. power transmission lines. N. N. Tikhodeev, A N Tushnov. Izv. NIIPT no. 6:185-202 '60.

Effect of gamma radiation on the dielectric properties of electric insulating materials. Part 6. Compounds of polyester and epoxide resins. E. S. Nesmelova, K. A. Vodop'ianov, B. I. Vorozhtsov. Izv. vys. ucheb zav , fiz. no. 2:120-124 '61.

ELECTRIC INSULATORS AND INSULATION (Continued)

Kurochka, A. L., and L. L. Zusmanovskaia. [New insulation for traction motors] Novaia izoliatsiia tiagovykh dvigatelei. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 94 p.

Movement of dust particles in the electric field of an insulator. Ch. M. Dzhuvarly, M. M. Dzhafarova. Izv. AN Azerb SSR Ser. fiz.-mat. i tekh. nauk 2 65-68 '61

Permissible radial stresses in oil-saturated paper insulation of d. c. electric apparatus. M. A. Greisukh. Izv. NIIPT no. 6. 164-169 '60

ELECTRIC INSULATORS AND INSULATION—TESTING

Blashinskii, A. B. [Device for testing the loop insulation of electric machinery and apparatus] Pribor dlia ispytaniia vitkovoi izoliatsii elektricheskikh mashin i apparatov. Leningrad, 1961. 22 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila: Energetika, no. 4)

Study of the d. c. discharge characteristics of oil-saturated condenser-type paper insulation. M. A. Greisukh. Izv. NIIPT no. 6:170-182 '60.

ELECTRIC LAMPS see subdivision under Lvov

ELECTRIC LAMPS, INCANDESCENT

Editor's mail. Nauka i zhyttia 11 no 6:63 Je '61.

ELECTRIC LIGHT FIXTURES

Overhead light fixtures with incandescent lamps. Svetotekhnika 7 no. 8 32 Ag '61.

ELECTRIC LIGHTING

Concerning separate and joint power supply to power systems and electric lighting systems. A. A. Ermilov. Svetotekhnika 7 no 8 27-28 Ag '61.

Follow the initiative. A. F. Ottich. Svetotekhnika 7 no. 8:28 Ag '61.

Light fixtures with large xenon lamps. V. V. Trembach. Svetotekhnika 7 no 8 1-7 Ag '61.

Status draft on the duties of an industrial lighting engineer (technician). Svetotekhnika 7 no. 8:20-29 Ag '61

Through the pages of foreign magazines. Svetotekhnika 7 no. 8 30-31 Ag '61

ELECTRIC LIGHTING—STANDARDS

All-Union state standard "Light fixtures with fluorescent lamps for industrial lighting." Svetotekhnika 7 no. 8 24-26 Ag '61.

Proposed new version of "Norms on electric lighting." L. T. Belova and others. Svetotekhnika 7 no. 8:14-22 Ag '61

ELECTRIC LINES

Bundas, V. V. [Calculations in designing electric power supply systems; tables and graphs] Raschety pri proektirovanii elektrosnabzhenila; tablitsy i grafiki. Moskva, Gos. energ. izd-vo, 1961. 155 p.

Fastening a cable. G. Ivanov. Radio no 4 42 Ap '61.

Measurement of power in three-phase cables without breaking the conductors. K. P. Zhadin. Prom. energ. 16 no. 5 20-21 My '61.

ELECTRIC LINES—OVERHEAD

Building a 10-kilovolt electric transmission line from Iriyshskoe to Karasuk on reinforced concrete poles. A. A. Krauklis. Transp. stroi. 11 no 7 10-11 Jl '61

Determination of the greatest sag of overhead electric transmission lines at sloping spans. E. I. TSelikov. Prom. energ. 16 no. 5:50-51 My '61.

Discharge potentials of long suspension insulators on a. c. power transmission lines. N. N. Tikhodeev, A. N. Tushnov. Izv. NIIPT no. 6:185-202 '60.

Indirect determination of clearances between electric transmission lines and different important intersecting structures. V. D. Bol'shakov. Trudy MIIGAIK no. 44: 77-79 '61

Means of joining aluminum wires to copper ones. L. Marakushev. Zhil.-kom. khoz. 11 no 6:14-15 Je '61

110 kv. power transmission lines on metal towers without lightning grounding lines. M. D. Gleizer. Elek. sta. 32 no. 4:73-76 Ap '61

Price list for electric lines. Stroitel' no. 2:30 F '61.

There will be more scouts in the future. T. Nikolaeva. Zhil.-kom. khoz. 11 no 7.3-4 Jl '61.

ELECTRIC LINES—POLES

Grounding of high-voltage power line guy strands. A. N. Sherentsis. Energetik 9 no. 3:30 Mr '61.

Prestressed concrete electric transmission poles. M. A. Rent. Bet i zhel.-bet. no. 7:327-330 Jl '61.

Safety belts for linemen. P. I. Gedina. Energetik 9 no. 3:20-21 Mr '61.

Setting of poles in saturated grounds without drainage. N. N. Bellakov. Energetik 9 no. 3:19-20 Mr '61.

Unit for digging electric light pole holes. Sel'. stroi. 16 no. 6:26 Je '61.

Use of wooden poles on 110, 35, and 6 kv. electric power transmission lines. A. I. Ponediiko, G. I. Griaznov. Elek. sta. 32 no. 4:66-68 Ap '61

Zavriev, K. S., E. P. Kriukov, and G. S. Shpiro. [Study of the strength of the foundation of contact networks supports] Issledovanie nesushchei sposobnosti fundamentov opor kontaktnoi seti. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soob., 1960. 215 p. (Babushkin. Vsesoiuznyi nauchno-issledovatel'skii institut transportnogo stroitel'stva. Trudy, no. 39)

ELECTRIC LOCOMOTIVES

Effect of longitudinal compensation devices on the characteristics of rectifying locomotives at normal operating conditions of the traction power supply system. Si Shen-lian, V. N. Livshits. Elek. zhel. dor. no. 3 119-158 '61.

Engineers on the a. c. powered N60 electric locomotives should know this. B. A. Murakhovskii, V. A. Reznichenko, A. A. Maksimov. Elek. i tepl. tiaga 5 no. 5 39-10 My '61.

Experience of using blocking systems in the cab of electric locomotive. A. N. Demkin. Ugol' 36 no 6 38-39 Je '61

Four-axle D100M a. c. electric locomotive. V. N. Bozruchenko, E. T. Grigor'ev, S. B. Matusevich. Elek. i tepl. tiaga 5 no. 5 7-11 My '61

Improving the arch suppression system of the group controller of the N60 electric locomotive. A. V. Kamenev. Vest. TSNII MPS 20 no. 4:11-15 '61

Performance on curves of the N60 a. c. electric locomotive. E. T. Grigor'ev. Vest. TSNII MPS 20 no 1:19-21 '61.

Recommendations are supported by practical experience. G. A. Poluyianov, V. V. Sheheko. Elek. i tepl. tiaga 5 no 5 40-41 My '61

Study of the heat emission of the LF resistances of electric locomotives. B. G. Dorofeev. Izv. vys. ucheb. zav., elektromekh. 4 no 5 69-72 '61.

Use of a glass-nickel alloy in the anode supporting centers increases the operational reliability of ignitrons. V. E. Polosin. Elek. i tepl. tiaga 5 no 5 21 My '61.

Why can't counter-current be used on d. c. powered electric locomotives? V. V. Vavilov. Elek. i tepl. tiaga 5 no. 5 42 My '61.

ELECTRIC LOCOMOTIVES—MAINTENANCE AND REPAIR see subdivision under Zaporozh'ye

ELECTRIC MACHINERY

Electric integrator for simulating a special solution of Poisson's equation. O. V. Tozoni. Izv. vys. ucheb. zav.; elektromekh. 4 no. 3:3-16 '61

Problem concerning the nature of sparking in electric machinery. A. M. Trushkov. Izv. vys. ucheb. zav., elektromekh. 4 no 7 84-86 '61

Reply to M. S. Mikhailov-Mikulinskii's article "Principal magnetic losses in electric machinery with two rotating fields." M. S. Libkind. Izv. vys. ucheb. zav., elektromekh. 4 no. 5 110-112 '61

Reply to Professor A. IA. Berger's article "Airgap of an electric machine is its third principal parameter." L. B. Geller, F. V. Mekhedko. Izv. vys. ucheb. zav., elektromekh. 4 no 5.109-110 '61.

Selection of specific pressures on the brushes of collector-type machinery. L. V. Lobashevskii, I. I. Tuktaev, G. IA. Demin. Izv. vys. ucheb. zav.; elektromekh. 4 no 7 87-92 '61.

ELECTRIC MACHINERY—ALTERNATING CURRENT

Resonance method for determining the parameters of two-phase asynchronous machines with a hollow rotor. N. G. Shilokov. Izv. vys. ucheb. zav., elektromekh. 1 no. 5 79-85 '61.

ELECTRIC MACHINERY—CONGRESSES

Conference on science and technology at the Moscow Order of Lenin Power Engineering Institute. L. P. Kopylov. Izv. vys. ucheb. zav.; elektromekh. 4 no. 5 106-107 '61.

ELECTRIC MACHINERY—DIRECT CURRENT

Choice of optimum disc dimensions in d. c. machinery with printed windings. L. D. Osnovich. Izv. vys. ucheb. zav., elektromekh. 4 no 6 63-68 '61.

Effect of the field of the main poles on the commutation of d. c. machines. V. P. Tolkunov. Izv. vys. ucheb. zav., elektromekh. 4 no. 5 35-43 '61.

Mechanical constant of a d. c. machine with a printed rotor winding. R. R. Parts. Izv. vys. ucheb. zav., elektromekh. 4 no. 6.67-69 '61.

Use of the Hall transducers for measuring the parameters of the commutating field of d. c. machinery. V. V. Magidson, I. S. Mendeleev, V. IU. Chudnovskii. Izv. vys. ucheb. zav.; elektromekh. 4 no. 3:102-108 '61.

Use of the Hall transducers in the study of the commutational reaction of the armature in d. c. machinery. V. A. Lifanov, A. G. Dorm. Izv. vys. ucheb. zav.; elektromekh. 4 no. 3:109-115 '61.

Vegner, O. G. [Theory and practice of commutation in d. c. machinery] Teoriia i praktika kommutatsii mashin postoiannogo toka. Moskva, Gos. energ. izd-vo, 1961. 271 p.

ELECTRIC MACHINERY—MAINTENANCE AND REPAIR

Organizing the repair of electrical equipment. V. Bliumberg, E. Shats. Tekh. v sel'khoz. 21 no. 7:43-45 Jl '61.

ELECTRIC MACHINERY—WINDINGS

Formation of circuits for three-phase double layer windings with a fractional number of slots for pole and phase. V. V. Serkov. Energetik 9 no. 3:28-32 Mr '61

ELECTRIC MACHINERY, SYNCHRONOUS

Device for measuring e. m. f. phase shifts in electrical system models. V. R. Belousov, IU. D. Sadovskii. Izv. NIIPT no. 6 277-283 '60.

Experimental determination of the effect of the design of the pole on the parameters of the rotor of a synchronous machine. P. I. Lapchenko. Izv. vys. ucheb. zav., elektromekh. 4 no. 5:15-22 '61

ELECTRIC MACHINERY INDUSTRY see subdivision under Kutais

ELECTRIC MEASUREMENTS

Electric measuring devices with a bimetallic spiral. P. P. Ornatskii. Prom. energ. 16 no. 5.16-19 My '61.

Measurement of power in three-phase cables without breaking the conductors. K. P. Zhadin. Prom. energ. 16 no. 5:20-21 My '61.

Recording and measuring of low-power electric signals. V. B. Braginskii, G. I. Rukman. Vest. Mosk. un. Ser. 3 Fi., astron. 16 no. 3 3-9 My-Je '61.

Synchronous surveying of currents by the use of electromagnetic meters. N. S. Kormyshev. Meteor. i gidrol. no 3:49-51 Ag '61

ELECTRIC METAL CUTTING

Bronshtein, M. M. [Electric and ultrasonic metal working] Elektricheskaia i ul'trazvukovaia obrabotka materialov [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1960. 28 p. (Novoe v tekhnike)

ELECTRIC METERS see subdivision under Erivan

ELECTRIC MOMENTS

Cherenkov radiation by magnetic and electric moments. A. B. Kukanov. Izv. vys. ucheb. zav., fiz. no 2 28-33 '61

Quadrupole effects in the nuclear resonance spectrum of urea and sodium thiosulfate single crystals. V. S. Grechishkin, N. F. Ainbinder. Fiz. tver. tela 3 no 6 1821-1826 Je '61

ELECTRIC MOTORS

Answering readers questions. Tekh. v sel'khoz. 21 no. 8 92 Ag '61.

Characteristics of commutator-type "Shrage" electric motors driving ring spinning frames. B. V. Glinberg. Prom. energ. 16 no. 5:31-34 My '61.

Eliminate the faults in electric motors with aluminum frames. V. E. Nalpenko. Prom. energ. 16 no. 5: 59-60 My '61.

Method for the automatic switching-off of an electric motor. N. A. Romanov. Prom. energ. 16 no. 5:25-26 My '61.

Representation of networks and recording of current and voltage equations of condenser motors. D. I. Reifman. Izv. vys. ucheb. zav., elektromekh. 4 no 7.109-115 '61

Use of nonunitary feedback in designing optimum control systems for electric motors. L. P. Smol'nikov. Izv. vys. ucheb. zav., elektromekh. 4 no 7 41-49 '61.

Zholdak, S. A. [Technology of the manufacture of small gyroscopic motors] Tekhnologiia izgotovleniia malogabaritnykh giromotorov. Leningrad, Gos. soiuznoe izd-vo sudostroit.-promysh., 1961. 260 p.

ELECTRIC MOTORS—STANDARDS

Standardization of electric motors and generators. G. S. Plis. Standartizatsiia 25 no. 6 20-26 Ag '61

ELECTRIC MOTORS—STARTING DEVICES

Regulations on the installation of electric systems. Chapter V-3: Electric motors and start-controlling apparatus (to be continued). Prom. energ. 16 no. 5: 56-57 My '61.

ELECTRIC MOTORS—TECHNOLOGICAL INNOVATIONS see subdivision under Erivan

ELECTRIC MOTORS, DIRECT CURRENT

Use of an electronic model for studying transient processes in a d. c. motor. V. A. Borisov. Izv. vys. ucheb. zav.; elektromekh. 4 no 5.7-11 '61.

ELECTRIC MOTORS, INDUCTION

Circle diagram of a three-phase asynchronous motor in single-phase operation. V. N. Imshenetskii. Izv. vys. ucheb. zav.; elektromekh. 4 no. 3:73-83 '61.

Determining the marking of leads of the stator winding in asynchronous motors. V. G. Dergachev. Avt. dor. 24 no. 6:32 Je '61.

Method for calculating the work characteristics of an asynchronous motor operating in the presence of frequency variations. V. L. Vishnikin. Izv. vys. ucheb. zav., elektromekh. 4 no. 7 20-40 '61.

Static operating conditions of a regulated asynchronous electric drive with an electrohydraulic pusher. M. M. Sokolov, A. K. Arakelian. Izv. vys. ucheb. zav., elektromekh. 4 no. 6 76-90 '61.

ELECTRIC MOTORS, INDUCTION (Continued)

Study of the operation of asynchronous motors with rigid mechanical coupling L S Golynchik Izv vys ucheb zav , elektromekh. 4 no. 6 49-62 '61

ELECTRIC MOTORS, INDUCTION—WINDINGS

Method for mechanized arranging of the stator windings of converted asynchronous motors S P Bolar-Sozonovich, M. K Zakharov, A E Shuster Izv vys ucheb zav , elektromekh 4 no 7 116-118 '61

ELECTRIC MOTORS, SYNCHRONOUS

Effect of damping moments on the dynamic stability of a synchronous motor L M. Seryi, IU I IUshmanov, A A IAnko-Trinitskii Izv vys ucheb zav , elektromekh 4 no 7 16-25 '61

Maximum electromagnetic moment of low-power synchronous-reactive motors B A. Egorov, IU. I IArgomskii Izv vys ucheb zav , elektromekh 4 no 8 42-48 '61

Petelin, D. P. [Automatic control of the excitation of synchronous motors] Avtomaticheskoe regulirovanie vozbuzhdeniia sinkhronnykh dvigatelei. Moskva, Gos. energ. izd-vo, 1961. 103 p. (Biblioteka po avtomatike, no. 30)

Synchronous electric motor with a new excitation system M. IE Knlekust Visnyk sil'hosp nauky 1 no 8 18-20 Ag '61

ELECTRIC NETWORK ANALYZERS

Device for measuring e. m f phase shifts in electrical system models V R. Belousov, IU. D. Sadovskii Izv NIIPT no. 6, 277-283 '60.

Generating station for an automatically controlled a c calculating table. V A. Faibisovich Izv. vys ucheb zav., energ. 4 no. 7:45-51 Jl '61.

Problems concerning the static stability of electric systems operating with strong excitation controllers. L A Koshcheev. Izv. NIIPT no. 6:258-269 '60

Use of an electrodynamic model for studying high-speed automatic reclosing as a means for increasing the stability of electric power transmission between the Stalingrad Hydroelectric Power Station and Moscow IU D. Sadovskii, R. G Tuzhik. Izv. NIIPT no. 6:270-276 '60.

ELECTRIC NETWORKS

Concerning approximation methods for probability calculations of nonsymmetrical and nonsynusoidal operating conditions in electric systems. V. F. Krapivin, G B. Linkovskii. Izv. vys. ucheb. zav , energ. 1 no 7: 119-121 Jl '61.

Concerning the location of the ground in current networks. A. A. Koptelov. Energetik 9 no 3:22 Mr '61

Ideal active electric network elements. D. A. T'Sirel'son Elektrosviaz' 15 no. 8:47-57 Ag '61.

Protection of short-circuits to ground of the 6 kv. networks at iron open pit mines. N. S. Marinin, R. A. Svirskii, V. I. Sukhobrusov. Prom. energ. 16 no. 5:30 My '61.

Transistor amplifiers for impedance sign converters. IU. L. Kurkin, A. A. Sokolov. Izv. vys. ucheb. zav ; elektromekh. 4 no. 3 138-145 '61.

ELECTRIC POWER

(see also subdivision under Moscow)

For a high power factor. V. Pospelov. Mias. ind. SSSR 31 no. 4:30 '60.

The magic of the kilowatt-hour. P. Morozov. Sov. profsoiuzy 17 no. 16:35-36 Ag '61

ELECTRIC POWER—ABSTRACTS

[Electrical engineering and electric power.] Ref. zhur.: Elektrotekh. i energ. no. 8 Ag '61.

ELECTRIC POWER DISTRIBUTION

(see also subdivision under Latvia, United States)

Arranging the crossing of 35 and 110 kv. electric power transmission lines. N. N. Beliakov. Energetik 9 no 3:20 Mr '61.

Automatic four-wire transduction for high-frequency overhead line communication apparatus V. G. Kagan. Elek. sta 32 no. 4, 84-86 Ap '61.

Certain problems in power engineering arising in switching over municipal electric transportation to a. c. power with a commercial frequency. S. M. Rozhavskii. Izv. vys. ucheb. zav., energ. 4 no. 7:52-60 Jl '61.

Circuits for multiple automatic reclosing of large drives. V. R. Krausp. Energetik 9 no. 3:23-26 Mr '61

Comparision of corona losses in a c. and d. c. electric power transmission lines with equal bundled conductors. O. T. Koval'skaia and others. Izv. NIIPT no. 6, 155-163 '60

Concerning separate and joint power supply to power systems and electric lighting systems. A. A Ermilov. Svetotekhnika 7 no. 8:27-28 Ag '61.

Concerning the design of VN-16 load switches. V. S. Kniazhevskii. Energetik 9 no. 3:18-19 Mr '61.

Corrective network for a compounding system. G. V. Smirnov. Izv. NIIPT no. 6, 149-154 '60.

Criterion for the efficiency of an industrial power distribution system. E. M. Kazhdan. Izv. vys ucheb. zav., elektromekh. 4 no 5, 73-78 '61.

Distributing devices at chemical enterprises S M Neishtut, IU M Smirnov Elek. sta 32 no. 4 44-49 Ap '61

Engineering and efficiency indices in the plans for the electric power supply to industrial enterprises. I. B. Aksenton. Prom. energ. 16 no. 5 38-40 My '61.

Evaluation of nonsymmetry in three-phase systems by means of nomograms. A. A Kovzon Izv. vys ucheb zav , energ. 4 no 7 26-34 Jl '61.

Gesson, V. IU. [Faulty operation and its prevention in agricultural electric power networks] Avarlinye rezhimy i zashchita ot nikh v sel'skokhoziaistvennykh elektrosetiakh. Izd. 2., perer. i dop. Leningrad, Gos. izd-vo sel'khoz. lit-ry, 1961. 495 p.

High-voltage power rectifier with a nonsectionalized anode unit V I Emel'ianov, A V Ivanchenko, A. IA Ozol. Izv. NIIPT no. 6 112-120 '60

Ibragimov, L. E., and Ch. M. Dzhuvarly. [Problems concerning voltage regulation in electric networks] Voprosy regulirovaniia napriazhenila v elektricheskikh setiakh. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1961. 192 p.

In regard to A. P Korshunov and V M Solntsev's article "Efficient design of 6 to 10 kv. rural electric power transmission lines " I I Tunkevichus Elek sta 32 no 4 95 Ap '61

Kozhin, A. N. [A. c. relay protection of 3 to 10 kv. electric lines] Releinaia zashchita linii 3 - 10 kv na peremennom operativnom toke. Moskva, Gos. energ. izd-vo, 1960. 61 p. (Biblioteka elektromontera, no. 38)

Load stability. V. A. Venikov, M N. Rozanov. Izv. AN SSSR Otd tekh. nauk, Energ. i avtom. no. 3:121-125 My-Je '61

Longitudinal differential current protection of lines analogous to connecting wires. A. D. Drozdov, IU. I Kurinskii. Izv. vys. ucheb zav., energ. 4 no. 7:1-9 Jl '61.

Method for calculating normal operating conditions in a c. current networks with the presence of a d. c current link. G. I. Denisenko. Izv. vys. ucheb zav., energ. 4 no. 7:17-27 Jl '61.

My answer to I. I Tunkevichus A. P. Korshunov. Elek. sta. 32 no 4 95 Ap '61.

Operation of electric power systems under soiled conditions. V. F. Voskresenskii Elek. sta 32 no 4 90-91 Ap '61

Overvoltages in cables used as a protective means at the lead-in of overhead lines to electrical systems. G Dregan Izv. AN SSSR, Otd tekh nauk, Energ. i avtom no. 3:134-141 My-Je '61.

Problem concerning the use of the sheathing of aluminum cables as a common conductor. D. S. Livshits. Prom. energ. 16 no. 5 46-50 My '61.

Problems concerning the future development of thermal electric power plants and electric networks G S. Zelevinskii, A M Nekrasov. Elek sta 32 no 4:2-9 Ap '61.

Problems concerning the static stability of electric systems operating with strong excitation controllers L. A Koshcheev. Izv. NIIPT no 6 258-269 '60.

Protection of distribution systems from overvoltages caused by lightning N. V. Muravleva Elek. sta. 32 no 4, 68-73 Ap '61.

Rated load of the feeder of an electric network and a method for calculating it for a given graph G. M. Kaialov. Izv vys. ucheb zav., elektromekh 4 no. 4, 114-131 '61.

Relay network for automatic disconnection of a separator during a quiescent interval. A. M. Vainshtein. Energetik 9 no. 3:22-23 Mr '61.

Resynchronization of two generators with a commensurable power rating. M. P. Chesnov. Izv. AN SSSR, Otd. tekh. nauk, Energ. i avtom. no. 3, 142-147 My-Je '61

Setting norms for the consumption of electric power for freight train traction purposes. V. N. Briukhanov. Izv. vys. ucheb. zav.; elektromekh. 4 no. 3:160-167 '61

Static converters of a single-phase system to a symmetric three-phase system. S. M. Rozhavskii Izv. vys. ucheb. zav.; elektromekh. 4 no. 3:84-87 '61.

Substantiation of the antenna method for measuring a. c. corona power losses V. D. Kravchenko Izv. AN SSSR Otd. tekh. nauk Energ. i avtom no 3:126-133 My-Je '61.

Switching-over of 35 kv. electric power transmission lines to operation on a nominal 110 kv. voltage. A. S. Pamiatnykh. Elek. sta. 32 no. 4:91-92 Ap '61.

Use of the qualitative theory of differential equations in the analysis of the stability of electric systems. IU. A. Rozovskii. Izv. NIIPT no. 6:238-257 '60.

Voltage recovery on switch contacts subsequent to the cutoff of limiting power. M. M. Akodis, P. A. Korzun. Izv. vys. ucheb. zav.; energ. 4 no. 7, 10-10 Jl '61.

ELECTRIC POWER DISTRIBUTION—ALTERNATING CURRENT

Calculation of voltages originating during the switching-off of idle transformers S. S. Shur. Izv. NIIPT no. 6: 203-215 '60.

ELECTRIC POWER DISTRIBUTION—DIRECT CURRENT

Different factors in designing overhead high-voltage d. c. power transmission lines. S. S. Rokotian. Izv. NIIPT no. 6:80-91 '60.

Meeting on technology and features of using d. c. power transmission in the U. S. S. R. Izv. NIIPT no. 6, 5-9 '6

Possibilities of designing transformers with critical power and voltage ratings for d. c. power transmission systems. E. A. Man'kin. Izv. NIIPT no. 6 63-70 '60

Technological and economic indices of d. c. power transmission and its comparison to other modes of transporting power resources. M. M. Akel'rod, V. Ji. Kvintkovskii. Izv. NIIPT no 6:92-111 '60.

Technological characteristics of d. c. power transmission systems L. R. Neiman, A. V Ponse, N. [illegible] rin Izv. NIIPT no. 6:10-62 '60.

ELECTRIC POWER DISTRIBUTION—HIGH TENSION

see subdivision under Poland

ELECTRIC POWER DISTRIBUTION—MODELS

Errors of models designed for studying internal overvoltages in a. c. power distribution networks D F Artem'ev, V. V Kryzhanovskii. Izv. NIIPT no 6 216-237 '60

Generating station for an automatically controlled a c calculating table. V. A. Faibisovich. Izv. vys [illegible] zav., energ. 4 no. 7:45-51 Jl '61

Use of an electrodynamic model for studying high-speed automatic reclosing as a means for increasing the stability of electric power transmission between the Stalingrad Hydroelectric Power Station and Moscow IU D Sadovskii, R. G Tuzhik Izv. NIIPT no. 6:270-276 '60

ELECTRIC POWER DISTRIBUTION—SAFETY MEASURES

Russia (1923- U. S. S. R.) Glavnoe energeticheskoe upravlenie. [Safety engineering regulations for operating the electric equipment of municipal electric power networks] Pravila tekhniki bezopasnosti pri ekspluatatsii elektroustanovok gorodskikh elektrosetei Izd. 12, dop. Moskva, Gos. energ. izd-vo, 1961. 93 p

ELECTRIC POWER DISTRIBUTION—TABLES, CALCULATIONS, ETC.

Bundas, V. V. [Calculations in designing electric power supply systems; tables and graphs] Raschety pri proektirovanii elektrosnabzhenila; tablitsy i grafiki. Moskva, Gos. energ. izd-vo, 1961. 155 p.

ELECTRIC POWER PLANTS

(see also subdivision under Armenia; Donets Basin; Kuang-Chou, China; Turoszow, Poland)

Choosing a model and locating dwellings for construction workers at a district thermal electric station. P. S. Vlasenko. Trudy Ural. politekh. inst. no. 109, 45-52 '61.

Correctness of standard decisions of the thermoelectric project for new thermal electric power plants I F Makovkin. Elek. sta. 32 no. 4, 93-94 Ap '61

Designing the frame of the main building of a thermoelectric station by breaking it up into elemental [illegible] IU. TS. Ostromentskii. Trudy MIKS no. 8, 94-105 '61.

Grintsevich, V. O., V. N. Ivanov, and V. I. Mel'nikov. [Repair of the generators of mobile electric power plants and electric machinery of railroads; experience of electric repair shops of the October Railroad] Remont generatorov peredvizhnykh zheleznodorozhnykh elektrostanisii i elektrosvarochnogo putevogo instrumenta; opyt elektromekhanicheskikh masterskikh Oktiabr'skoi dorogi. Moskva, Vses. izdatel'sko poligr. ob"edinenie M-va putei soobshchenila, 1961. 60 p.

Industrial thermal electric stations should be located in a single complex with the enterprises being served N. I. Bannikov, A. N. Stepanov. Prom. stroi 39 no. 6 60-61 '61.

Method of calculating labor productivity in a thermal electric power station construction trust. A. A. Kamakshidan, I. A. Karpushin, I. T. Kuz'minov. Mont. i spets. rab. v stroi. 23 no. 6:20-22 Je '61

Problems concerning the future development of thermal electric power plants and electric networks. G. S Zelevinskii, A. M. Nekrasov. Elek sta 32 no. 4 2-9 Ap '61.

Regional production bases for manufacturing large [illegible] reinforced concrete elements for thermal electric stations G. B. Granik. Prom. stroi. 39 no. 5 [illegible]

Voznesenskii, A. A. [Increase in the efficiency of steam electric-power plants] Povyshenie ekonomichnosti elektrostantsii nebol'shoi moshchnosti. Moskva, Gos energ. izd-vo, 1961. 326 p.

Weight of assembly elements of precast reinforced concrete units for district electric power plants. P D Zubarev. Prom. stroi. 39 no. 5 11-13 '61.

ELECTRIC POWER PLANTS—EQUIPMENT AND SUPPLIES

Effect of slit-type glands on the critical speeds of feed pump rotors. V. A. Martsinkovskii, I. D. Marin'ser. Energomashinostroenie 7 no. 4:13-14 Ap '61.

ELECTRIC POWER PLANTS—LIGHTING see subdivision under United States

ELECTRIC POWER SUPPLY TO APPARATUS

SN-200 voltage stabilizer for television power supply. V. Bukhvalov. Radio no. 4:52 Ap '61.

Transformerless regulated power supply. V. Fetisov. *Radio no. 4:54 Ap '61.*

ELECTRIC PROSPECTING

Amplitude and phase characteristics of the fields used in low-frequency prospecting. A A Kaufman. Izv. vys. ucheb. zav.; geol. i razv 3 no 6 87-91 Je '60

Evaluation of the duration of primary field impulses during excitation of nonstationary eddy currents in prospecting for highly conductive ores. F M Kamenetskii, V. F. Kovalenko. Izv. vys ucheb zav., geol i razv 3 no. 6 92-94 Je '60.

Role of electric logging in the study and division of the Mesozoic in the Dnieper-Donets Lowland. I. M. Shatkin. Trudy VNIGNI no. 29 vol. 2 152-151 '61.

ELECTRIC PROTECTION

Circuits for multiple automatic reclosing of large drives. V. R. Krausp. Energetik 9 no. 3, 23-26 Mr '61.

Elimination of possible faulty operation of relay protection due to the growth of multiple short circuit currents Elek. sta. 32 no 1 96 Ap '61

Kozhin, A. N. [A. c. relay protection of 3 to 10 kv. electric lines] Releinaia zashchita linii 3 - 10 kv na peremennom operativnom toke. Moskva, Gos. energ. izd-vo, 1960. 61 p. (Biblioteka elektromontera, no. 38)

Longitudinal differential current protection of lines analogous to connecting wires A D. Drozdov, IU I. Karinskii. Izv vys. ucheb zav., energ 4 no 7:1-9 Jl '61.

Overvoltages in cables used as a protective means at the lead-in of overhead lines to electrical systems. G. Diegan. Izv AN SSSR Otd tekh. nauk. Energ i avtom no 3:134-141 My-Je '61.

Voltage recovery on switch contacts subsequent to the cutoff of limiting power M M Akodis, P. A. Korzun. Izv vys. ucheb. zav., energ. 4 no. 7:10-16 Jl '61

ELECTRIC PUMPS see Pumping machinery, Electric

ELECTRIC RAILROADS

Performance conditions of an inverter with optimum external characteristics. I. G Mochenov. Vest. TSNII MPS 20 no. 4:15-19 '61.

ELECTRIC RAILROADS—ACCOUNTING

Magnitude of the minimum permissible rated period in comparision with variants. P. K. Denisov. Elek. zhel dor. no. 3:178-186 '61.

ELECTRIC RAILROADS—CARS

Protection of overhead equipment on the ER1 electric train. P M. Volodin, N A Lapin Elek. i tepl. tiaga 5 no. 5, 25-26 My '61

ELECTRIC RAILROADS—CURRENT SUPPLY

Choice of transformer circuits for a. c. traction substations. A. V. Voronin, A. I. Vysotskii, I. I. Rumiantsev. Elek. zhel dor. no. 3:7-88 '61

Concerning the determination of the optimum power coefficient. A. I. Tamazov, R. IA. Fedosenko, L. M. Zel'tsburg. Prom. energ. 16 no. 5:35-37 My '61.

Devices for joining a. c. and d. c. districts at the Marinsk Railroad Station. M. S. Khomenko. Elek. i tepl. tiaga 5 no 5.4-6 My '61

Effect of longitudinal compensation devices on the characteristics of rectifying locomotives at normal operating conditions of the traction power supply system. Si Shen-lian, V. N. Livshits. Elek. zhel. dor. no. 3-119-128 '61.

Effects originating when capacitors are connected in series in the traction networks of electrified railroads. V. A. Korshunov. Elek. zhel. dor. no. 3:150-166 '61.

Evaluation of the nonsymmetry of the nonsinusoidal currents of a traction load. I. I. Rumiantsev. Elek. zhel dor. no. 3:167-177 '61.

Magnitude of the minimum permissible rated period in comparison with variants. P. K. Denisov. Elek. zhel dor. no. 3-178-186 '61.

Setting norms for the consumption of electric power for freight train traction purposes. V. N. Briukhanov. Izv. vys. ucheb. zav.; elektromekh. 4 no. 3:159-167 '61.

Static converters of a single-phase system to a symmetric three-phase system. S. M. Rozhavskii. Izv. vys. ucheb. zav.; elektromekh. 4 no. 3:84-97 '61.

Use of condensers for increasing the power coefficient of an a. c. traction system. L. A. Chernousov. Elek. zhel. dor. no. 3 89-102 '61.

Using the "Ural" electronic calculating machine in computing the electric track circuit systems. E. A. Krumin. Vest. TSNII MPS 20 no. 4:62-64 '61.

Zasorin, S. N., and others. [Ionic and electronic current converters] Ionnye i elektronnye preobrazovateli. Pod obshchei red. M. A. Chernysheva. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 306 p.

ELECTRIC RAILROADS—EMPLOYEES

Engineers on the a. c. powered N60 electric locomotives should know this. B. A. Murakhovskii, V. A. Reznichenko, A. A. Maksimov. Elek. i tepl. tiaga 5 no. 5:39-40 My '61.

ELECTRIC RAILROADS—EQUIPMENT AND SUPPLIES

New design of sand-distributing devices for electric locomotives. L. N. Maksimovich. Transp. stroi. 11 no. 7: 11-13 Jl '61.

ELECTRIC RAILROADS—SIGNALING—BLOCK SYSTEM

Central block signaling systems for main a. c. electric railroads M. A Pokrovskii. Vest. TSNII MPS 20 no 4 3-7 '61

ELECTRIC RAILROADS—SUBSTATIONS

Utilization of the power potentials of traction substations. E. G Bobrov and others. Zhel dor transp 43 no 6: 22-27 Je '61

ELECTRIC RAILROADS—TRAINS

Experience in operating the ER1 electric train. V N. Petrov Elek. i tepl tiaga 5 no 5 35-38 My '61.

ELECTRIC RAILROADS—WIRES AND WIRING

Effects originating when capacitors are connected in series in the traction networks of electrified railroads. V. A. Korshunov. Elek. zhel. dor no. 3 150-166 '61.

Resonance effects in the contact network and methods for considering them in evaluating the effect of electric traction systems using single-phase current on wire communication systems. V. N. Livshits. Elek. zhel dor. no. 3:187-222 '61.

Zavriev, K. S., E. P. Krivkov, and G. S. Shpiro. [Study of the strength of the foundation of contact networks supports] Issledovanie nesushchei sposobnosti fundamentov opor kontaktnoi seti. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soob., 1960. 215 p. (Babushkin, Vsesoiuznyi nauchno-issledovatel'skii institut transportnogo stroitel'stva. Trudy, no. 39)

ELECTRIC RAILWAY MOTORS

Components of the transformer e. m. f. in pulsating current traction motors. V. E. Skobelev, A. I. Kharitonov. Izv. vys. ucheb. zav., elektromekh. 4 no. 6 33-41 '61.

Components of the transformer e. m. f. in the commutating turns of a traction motor with pulsating current A. S. Kurbasov Izv. vys. ucheb. zav.; elektromekh. 4 no. 6 27-32 '61

Improving the commutation of electric traction motors operating on a pulsating current. A. S. Kurbasov. Vest TSNII MPS 20 no 4, 8-11 '61.

Kurochka, A. L., and L. L. Zusmanovskaia. [New insulation for traction motors] Novaia izoliatsiia tiagovykh dvigatelei. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 94 p.

ELECTRIC RELAYS

Automatic device with electric heating for preliminary switching-in of equipment. L. A. Gol'dring. Prom. energ. 16 no. 5:26 My '61.

Nechaev, G. K., and N. P. Udalov. [Relays and transducers using semiconductor thermistors] Rele i datchiki s poluprovodnikovymi termosoprotivleniiami. Moskva, Gos. energ. izd-vo, 1961. 108 p. (Biblioteka po avtomatike, no. 29)

Simulation of optimum linear high-speed operations by means of relay circuits V G. Bolitianskii. Dokl. AN SSSR 138 no. 2:275-278 Jl '61.

ELECTRIC RESISTORS

Making large resistors. V. Liubanskii. Radio no. 4:36 Ap '61.

Study of the heat emission of the LF resistances of electric locomotives. B. G. Dorofeev. Izv. vys. ucheb. zav., elektromekh. 4 no. 5 69-72 '61.

Varistors. Radio no 4-60 Ap '61.

ELECTRIC RESONATORS

Approximate method of calculating the natural frequencies of nonregular limit resonators. V. M. Dmitriev and others. Zhur. tekh. fiz. 31 no 6:712-716 Je '61.

ELECTRIC RHEOSTATS

New design of a screw clamp for the rheostat of electric welding aggregates. Stroi. truboprov. 6 no. 5:22 My '61.

ELECTRIC SPARK

Expansion of the channel of powerful miniature sparks [with summary in English]. B. A. Demidov, IU. F. Skachkov, S. D. Fanchenko. Zhur. eksp. i teor. fiz. 40 no. 2:385-390 F '61.

ELECTRIC SUBSTATIONS

Turchin, N. IA. [Construction of substations and the electrical units of the station] Sooruzhenie podstantsii i elektricheskoi chasti stantsii. Moskva, Gos. energ. izd-vo, 1961. 287 p.

ELECTRIC SWITCHGEAR

Concerning some defects in VVN-35 air circuit breakers. A. P. Burkatskii. Energetik 9 no. 3:1-3 Mr '61.

Concerning the design of VN-16 load switches. V. S. Kniazhevskii. Energetik 9 no. 3:18-19 Mr '61.

Relay network for automatic disconnection of a separator during a quiescent interval. A. M. Vainshtein. Energetik 9 no. 3:22-23 Mr '61.

Russia (1923- U.S.S.R.) Glavnoe upravlenie po proizvodstvu elektromontazhnykh rabot. [Instructions VSN-30-60/MS RSFSR on the installation of 35 to 220 kv. air switches and pneumatic systems for controlling them] Instruktsiia po montazhu vozdushnykh vykliuchatelei 35-220 kv i pnevmaticheskikh sistem dlia upravleniia imi, VSN-38-60/MS RSFSR. Moskva, Gos. energ. izd-vo, 1961. 85 p.

Simple device for switching on electric lighting. N Khrenov, V Bagrov Zhil. kom. khoz. 11 no 6 15-16 Je '61

Voltage recovery on switch contacts subsequent to the cutoff of limiting power M M Akodis, P A Korzun. Izv vy. ucheb. zav., energ. 4 no. 7 10-16 Jl '61.

ELECTRIC TRANSFORMERS

Calculation of voltages originating during the switching-off of idle transformers S S Shur Izv NIIPT no 6, 203-215 '60.

Choice of transformer circuits for a. c. traction substations A. V. Voronin, A. I Vysotskii, I. I. Rumiantsev. Elek. zhel. dor. no. 3 7-88 '61

New method for calculating the intercoil voltages during pulse processes in transformer windings. P. V. TSekhanovich Izv vys. ucheb zav., elektromekh 4 no 4: 33-45 '61.

Permissible radial stresses in oil-saturated paper insulation of d. c. electric apparatus. M. A Gleisukh Izv NIIPT no 6 164-169 '60.

Possibilities of designing transformers with critical power and voltage ratings for d. c. power transmission systems E. A. Man'kin Izv NIIPT no 6 63-79 '60

Selection of fundamental relationships in designing three-phase to two-phase transformers, autotransformers, and converters. A M. Bamdas, I. V. Korolev Izv. vys. ucheb. zav., elektromekh 4 no 4 105-113 '61.

ELECTRIC TRANSFORMERS—TESTING

State of the insulation of an 8,000 kva transformer in operation. G. Galustian Prom Arm 4 no. 7:50-53 Jl '61

ELECTRIC UTILITIES—COSTS

Ayrukh, A. IA. [Costs of electricity and heat] Sebestoimost' elektricheskoi i teplovoi energii. Izd. 2., dop. i ispr. Moskva, Gos. energ. izd-vo, 1960. 224 p. (CU)

ELECTRIC WAVES

Dispersion equation for an ordinary wave moving in a plasma transversely to an external magnetic field [with summary in English] IU. N. Dnestrovskii, D. P. Kostomarov. Zhur. eksp i teor. fiz. 40 no 5:1404-1410 My '61.

ELECTRIC WELDING

Bel'chuk, G. A. [Technological features of the Argon arc welding of aluminum and its alloys with steel; verbatim report of a lecture delivered at the Leningrad House of Scientific and Technical Propaganda in a city seminar on metal welding] Tekhnologiia argono-dugovoi svarki aliuminiia i ego splavov so stal'iu; stenogramma lektsii, prochitannoi v LDNTP na obshchegorodskom seminare po svarke metallov, Leningrad, 1961. 15 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Serila: Svarka i paika metallov, no. 5)

Initial electric resistance in spot welding. A. S. Gel'man. Avtom. svar. 14 no. 7:25-32 Jl '61.

Reconditioning worn-out parts. V. P. IArtsev. Mashinostroitel' no 8:38 Ag '61.

Temperature field of an object in electric slag welding. G. Z. Voloshkevich. Avtom svar. 14 no. 7:40-45 Jl '61.

Universal programming system. B. E. Paton, V. S. Gavrish, IU. S. Grodetskii. Avtom svar. 14 no 7:15-20 Jl '61.

A useful periodical on welding ("Automatic welding"). Reviewed by V. F. Tiurin. Mashinostroitel' no. 7.46 '61.

ELECTRIC WELDING—CONGRESSES

Conference on power sources for arc welding. E. M. Klimovskii Stroi. truboprov. 6 no 6:29 Je '61.

ELECTRIC WELDING—EQUIPMENT AND SUPPLIES

Gel'man, A. S. [Technology and equipment for resistance welding] Tekhnologiia i oborudovanie kontaktnoi elektrosvarki. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 367 p.

K-200 machine for welding the "Zaporozhets" automobile shock absorber housing to its lid. P. M. Prikhod'ko, G. A. Movilan. Avtom. svar. 14 no 7:88-89 Jl '61.

New design of holders for welding electrodes. E. N. Panin. Shor. rats. predl. vnedr. v proizv. no. 2:71-72 '61.

Powder wire with a basic-type core for semiautomatic welding with an open arc. I. K. Pokhodnia, V. N. Shlepakov. Avtom. svar. 14 no. 7:87-88 Jl '61

Resistance to short-circuiting of a welding transformer with moving coil. V. K. Lebedev, V. A. Koritskii. Avtom. svar. 14 no. 7:21-24 Jl '61.

Semiautomatic welding equipment. Mashinostroitel' no. 7: 26 '61.

ELECTRIC WELDING—HYGIENIC ASPECTS

Voronteova, E. I. [Industrial hygiene for the electric welder] Gigiena truda elektrosvarshchika. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 37 p.

ELECTRIC WELDING—PERIODICALS

Congratulations on the publication of the issue no. 100— of the "Avtomaticheskaia Svarka" journal.--A. V. Palladin and others. Avtom. svar. 14 no. 7:3-8 Jl '61.

ELECTRIC WIRING—EQUIPMENT AND SUPPLIES

Electric wiring appliances and devices A. Gavrilov, G. Solov'ev. Na stroi. Ros no. 6 33 Je '61

ELECTRIC WIRING, INTERIOR

Andreoletti, V. K. [Some characteristic features of electric assembly operations in the construction of large-panel apartment houses] Nekotorye kharakternye osobennosti elektromontazhnykh rabot pri stroitel'stve krupnopanel'nykh zhilykh domov, opyt tresta "Elektromontazh-55 Glavleningradstroia Leningrad, 1961. 21 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom Serlia Stroitel'naia promyshlennost', no. 4)

Raydonik, V. S., and E. E. Bakhmutskii. [Modern low-voltage electric fixtures; lecture transcript] Sovremennaia nizkovol'tnaia elektroustanovochnaia apparatura, stenogramma lektsii. Leningrad, 1961. 38 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Serlia Energetika)

Use of rubber-bitumen pipes for concealed electric wiring. Prom. energ. 16 no. 5 58 My '61.

ELECTRICIANS

This is my story Vadim Borarchuk Smena 38 no 11 2-3 Je '61

ELECTRICITY, TERRESTRIAL see Terrestrial electricity

ELECTRICITY IN AGRICULTURE
(see also subdivision under Ukraine)

Determining economic expediency of reserve electric power supply to important agricultural consumers A V Lukovnikov Dokl TSKhA no 55 319-327 '60

Distribution of energy and power losses in sections of rural 6 to 10 kv. electric power distribution networks E. V. Sokolovskii Energetik 9 no 3:32-35 Mr '61

Electric power and bread. A. Markin. Tekh. mol. 29 no 6:1-4 '61

Farm electrification. Prom. energ. 16 no. 5:1-3 My '61.

Gessen, V. IU. [Faulty operation and its prevention in agricultural electric power networks] Avarilnye rezhimy i zashchita ot nikh v sel'skokhoziaistvennykh elektrosetiakh. Izd. 2., perer. i dop. Leningrad, Gos. izd-vo sel'khoz. lit-ry, 1961. 495 p

Measures for complete electrification of agriculture. A M Kiriukhin. Priroda 50 no 8,21-32 Ag '61

Simple phase compounding unit. L. Kalina. Tekh. v sel'khoz. 21 no. 8,47-49 Ag '61.

Supplying sheepshearing stations from single-phase networks V Frishman, V Kaplenko Tekh v sel'khoz. 21 no 7 45-47 Jl '61.

ELECTRICITY IN MINING

New system for connecting magnetic starters and contactors. P. L. Svetlichnyi, V. V. Glushko. Prom. energ. 16 no. 5:42-46 My '61.

Protection of short-circuits to ground of the 6 kv. networks at iron open pit mines. N. S. Marinin, R. A. Svirskii, V. I. Sukhobrusov. Prom. energ. 16 no. 5:30 My '61.

ELECTRIFICATION

Blokhnin, A. V., I. T. Korovaitsev, and S. P. Kosheley. [Beacon of the Soviet system] Maiak Sovetskoi vlasti. Moskva, Gos. izd-vo polit. lit-ry, 1961. 78 p.

Electrification is a crucial factor in the economic development of a communist society I Krasnov. Kommunist 38 no 13 49-56 S '61

And the electrification of the whole country. A. Markin. Blok. agit. [Sov. Armii] no. 23 24-30 Ag '61.

Commission for the Electrifica- zdrachev Nauch. zap MFI

see Rural electrification

ROADS see Railroads—

al ECG in dogs. A I. Kho- A. A. Moibenko, Fiziol. zhur.

electrocardiogram of the ion of the T wave due to ++ on the myocardium. Nauch. dokl vys shkoly,

s from different parts of the e use of intracellular micro- in English]. R. R. Velyka. 1:499-502 Jl-Ag '61.

al studies at 300° and at 2 [with summary in Eng- l others. Zhur. fiz. khim.

yridine. G A. Tedoradze, iukina. Izv. AN SSSR. Otd Jl '61.

Mechanism of oxidation, hydrogenation, and electrochemical combustion on solid catalysts. Part 3 Relation between depolarizing oxides on carbon and platinum and the catalytic effect of the latter in the oxidation of SO_2 [with summary in English]. O. K. Davtian and others. Zhur. fiz khim. 35 no. 6:1186-1191 Je '61.

Reduction and electroreduction of organic compounds on the Pd electrode, Part 3 Reduction and electrolytic reduction of methacrylic acid [with summary in English]. I. I. Kulakova, A. V. Shashkina. Zhur. fiz. khim. 35 no. 6 1198-1207 Je '61.

"Theoretical principles of electrochemistry" by A I Levin. Reviewed by V V. Stender Zhur prikl. khim 34 no. 7 1650 Jl '61

ELECTRODES

Comments on the mechanism of electric erosion N V Afanas'ev, M B Rzevskii, V. A Frantuk Izv vys ucheb zav., fiz no 1 138-142 '61

Leningradskii dom nauchno-tekhnicheskoi propagandy. [Mechanization of a process for coating electrodes by a method which involves immersion] Mekhanizatsiia protsessa pokrytiia elektrodov sposobom okunaniia; opyt zavoda Leningrad, 1952 9 p. (Informatsionno-tekhnicheskii listok, no. 35(370))

New brands of electrode wire for wear-resistant hard facing. I I Frumin and others Avtom. svar. 14 no. 7 54-61 Jl '61.

Theory of electrolysis on a rotating disk electrode [with summary in English] L. P. Kholpanov. Zhur. fiz khim 35 no 7 1538-1542 Jl '61

ELECTRODES, CARBON

Effect of electrolysis conditions on the stability of graphite anodes in a chlorine bath L I. Krishtalik, G. L Melikova, E G Kalinina Zhur prikl khim 31 no 7 1537-1542 Jl '61,

Effect of electrolysis conditions on the stability of graphite anodes in a chlorine bath L. I Krishtalik, G L Melikova, E G Kalinina Zhur prikl khim 34 no 7 1543-1547 Jl '61.

ELECTRODES, DROPPING MERCURY

Mechanism of the electroreduction of halide complexes of platinum at the dropping mercury electrode [with summary in English]. N. V. Nikolaeva-Fedorovich, O. A. Petrii. Zhur. fiz. khim. 35 no. 6:1270-1278 Je '61.

ELECTRODES, GLASS

Comparative study of the electrode and exchange properties of the glass electrode by use of radioactive tracers. Part 2· Behavior of the potassium glass electrode in alkali metal salt solutions [with summary in English]. E. A. Materova, V. V. Moiseev, A. A. Bellustin. Zhur. fiz. khim. 35 no. 6:1258-1264 Je '61.

ELECTRODES, IRON

Impedance measurement of an iron electrode in alkaline solutions [with summary in English]. V. I. Luk'ianycheva, R. Kh. Burshtein. Zhur. fiz. khim. 35 no. 6·1343-1350 Je '61.

ELECTRODES, PLATINUM

Behavior of a platinum electrode in silicate melts [with summary in English]. V. I Minenko, S M Petrov, N S. Ivanova Zhur. fiz. khim. 35 no 7.1534-1537 Jl '61

Catalytic and electrolytic hydrogenation of organic compounds on platinum Part 2 Charging curves of platinized platinum in the presence of allyl alcohol [with summary in English] T I. Pochekaeva. Zhur. fiz khim 35 no. 7.1606-1610 Jl '61.

ELECTRODYNAMICS

Asymptotic form of the vertex part in electrodynamics [with summary in English] V. G Vaks Zhur. eksp i teor. fiz. 40 no. 5:1366-1368 My '61

ELECTROENCEPHALOGRAPHY

Bekhtereva, N. P. [Biopotentials of the cerebrum in supratentorial tumors] Biopotentsialy bol'shikh polusharii golovnogo mozga pri supratentorial'nykh opukholiakh. [Leningrad] Gos. izd-vo med. lit-ry Medgiz, 1960. 186 p.
(DNLM)

Bioelectric reactions of the fish brain to light stimuli V. I. Gusel'nikov, M. I Onufrieva Nauch dokl vys. shkoly, biol nauki no 3·80-85 '61

Bioelectrical activity of the cerebral cortex of infants during drowsiness and in the initial phase of natural sleep [with summary in English]. N. S. Mirzoiants. Zhur. vys. nev. deiat. 11 no. 3:432-437 My-Je '61.

Changes in cerebral potentials in tumors of the lateral ventricular region [with summary in French]. D. G. Shmel'kin. Zhur. nevr. i psikh. 61 no. 4 522-527 '61.

Changes in the primary response of the auditory zone of the cerebral cortex and temporary connections [with summary in English]. V. A. Hmyrin-Novy. Fiziol. zhur. [Ukr.] 7 no. 4·465-473 Jl-Ag '61.

Complex effect of flickering light stimuli. N. N. Danilova Nauch dokl vys. shkoly, biol. nauki no. 3;86-92 '61.

Effect of darkness on the human electroencephalogram [with summary in English] I. N. Sokolov Zhur. vys nerv. deiat. 11 no. 3 391-401 My-Je '61

Electrical activity of the brain in patients with the paratonic form schizophrenia in acute stages and during remissions [with summary in French]. V. M. [illegible] skaia Zhur nevr. i psikh 61 no 1 [illegible] '61

Electroclinical correlations in vascular insufficiency in the system of the carotid artery [with summary in French] M Steriade, I Petrovici Zhur nevr i psikh 61 no 5 665-673 '61

Electroencephalographic analysis of the effect of a frigorific agent on children G N Speranskii, III M Iasevich. Dokl AN SSSR 139 no 3·756-759 Jl '61

Electroencephalographic expression of long forms of activity of the cerebral cortex during conditioned reflex activity [with summary in English] G I Sokolina. Zhur. vys nerv deiat 11 no 1 [illegible] Je '61

Origin of the rhythmic reaction of the cerebral cortex to flickering light R M. Meshcherskii, G D [illegible] Dokl AN SSSR 139 no. 1·245-248 Jl '61

Potentials at different levels of the cortical motor [illegible] of a cat in a state of rest [with summary in English] V. M. Storozhuk, Fiziol. zhur. [Ukr.] 7 no 1 112 [illegible] Jl-Ag '61

ELECTROLYSIS

Effect of electrolysis conditions on the stability of graphite anodes in a chlorine bath L. I. Krishtalik, G. I Melikova, E G Kalinina. Zhur prikl khim 34 no 7 1537-1542 Jl '61

Effect of electrolysis conditions on the stability of graphite anodes in a chlorine bath L. I. Krishtalik, G. I Melikova, E G. Kalinina. Zhur prikl khim 34 no 7 1543-1547 Jl '61

Effect of the concentration of potassium and sodium chlorides and sulfates on the rate of vanadium compound electrodeposition. A. S Goncharenko Zhur prikl khim 34 no 7 1515-1519 Jl '61.

"Electrolysis of sodium chloride solutions" by [illegible] Genin. Reviewed by N. P. Fedot'ev, A. L. Rotinian Zhur. prikl khim 34 no. 7 1649-1650 Jl '61

"Electrolytic manufacture of chemicals from salt" by D. W. F. Hardie. Reviewed by I IA Volkind Zhur prikl. khim 34 no. 7 1652 Jl '61.

Theory of electrolysis on a rotating disk electrode [with summary in English] L P Kholpanov. Zhur fiz khim 35 no. 7 1538-1542 Jl '61.

Theory of electrolysis on the rotating disk electrode under conditions of combined concentration and [illegible] cal polarization [with summary in English] L. P. [illegible] panov Zhur. fiz. khim 35 no. 7. 1537-1540 Jl '61

ELECTROLYTE SOLUTIONS

Association of ions in solutions. Part 9· Temperature dependence of dissociation constants [with summary in English]. E. M. Ryzhkov, A. M. Sukhotin. Zhur. fiz. khim. 35 no. 6:1321-1326 Je '61.

Effect of the dielectric constant of the solvent and viscosity of electrolyte solutions Part 1 Systems $N(C_2H_5)_4Br$ - CH_3COOH and $N(C_4H_9)_4Br$ - CH_3COOH E. IA. Gorenbein. Ukr. khim. zhur. 27 no. 4 [illegible] '61

ELECTROLYTES

Distribution of the current density along the surface of local cells covered with thin layers of electrolytes [with summary in English]. I. L. Rozenfel'd, T. I. Pavlutskaia. Zhur. fiz. khim. 35 no. 6:1307-1314 Je '61.

Thermodynamic properties of electrolytes in nonaqueous solutions. Part 6; Solubility and free energy of transfer in nonaqueous solvents [with summary in English]. Zhur. fiz. khim. 34 no 2:319-326 F '60

ELECTROLYTIC CORROSION

Effect of methane producing bacteria on the intensity of electrochemical corrosion of metal. S I Kuznetsov, E. S. Pantskhava. Dokl AN SSSR 139 no 2:[illegible] Jl '61.

ELECTROLYTIC OXIDATION see Oxidation, electrolytic

ELECTROMAGNETIC PROSPECTING
(see also subdivision under Mauk region)

Airborne electromagnetic prospecting methods [with summary in English]. L. YA. Mizinik, A. F. Kotlik. Geol. i geofiz. no. 6:83-93 '61.

Apparatus for amplitude and phase measurements in the inductive method. E. M. Ershov and others. Geofiz. razved. no. 4,48-54 '61.

Methods of anomaly interpretation in the inductive method of prospecting. B. S. Svetov. Geofiz. razved. no. 4 86-96 '61.

Use of the inductive method in solving some problems of geological mapping. E. M. Ershov and others. Geofiz. razved. no. 4:64-85 '61.

Using the amplitude and phase measurement method in the Gorevskoye polymetallic deposit. V. I. Plotnikov. Geofiz. razved. no. 4:106-119 '61.

ELECTROMAGNETIC THEORY

Arbitrary gauging of the electromagnetic potentials in the dispersion relation method [with summary in English] V. D. Mur, V. D. Skarzhinskii Zhur. eksp. i teor. fiz. 40 no. 4:1076-1079 Ap '61

Presence of π^0-mesons in electromagnetic processes V. N. Baier, V. V. Sokolov Zhur. eksp. i teor. fiz. 40 no. 4:1233-1234 Ap '61

ELECTROMAGNETIC WAVES

Concerning the approximation of geometrical optics for waves in transmission lines with variable parameters [with summary in English] L. A. Ostrovskii Izv. vys. ucheb. zav., radiofiz. 4 no. 2:299-305 '61

Electromagnetic properties of a relativistic plasma. Part 3 [with summary in English]. V. P. Silin, E. P. Fetisov Zhur. eksp. i teor. fiz. 41 no. 1:159-170 Jl '61

Instability of low frequency electromagnetic waves in a plasma traversed by a beam of charged particles [with summary in English]. M. S. Kovner. Zhur. eksp. i teor. fiz. 40 no. 2:527-536 F '61.

Methods for measuring the electrical characteristics of delay systems in a case of poorly defined spatial harmonics. D. E. Voskresenskii, R. A. Granovskaia, L. N. Deriugin. Trudy MAI no. 125:5-13 '60.

Methods for measuring the electrical characteristics of delay systems in the presence of strongly defined spatial harmonics L. N. Deriugin. Trudy MAI no. 125:14-34 '60.

Nonlinear effects in the propagation of electromagnetic waves in a plasma wave guide. O. G. Zagorodnov and others. Zhur. tekh. fiz. 31 no. 5:574-576 My '61.

Perturbation of an electromagnetic field by shock waves in the case of a discontinuity in conductivity. V. P. Karlikov, V. P. Korobeinikov. Prikl. mat. i mekh. 25 no. 3:554-556 My-Je '61.

Phase and amplitude fluctuations in the long-range propagation of electromagnetic waves above the earth's surface. F. G. Bass, E. A. Kaner Izv. vys. ucheb. zav., radiofiz. 4 no. 2:377-379 '61

Propagation of electromagnetic waves in cross-shaped waveguides containing a transversely magnetized ferrite plate. N. M. Kovtun, A. I. Tereshchenko. Zhur. tekh. fiz. 31 no. 6:704-711 Je '61

Ranges of validity of the method for smooth perturbations in the problem of propagation of radiation through a medium with nonhemogeneities V. V. Pisareva Izv. vys. ucheb. zav.; radiofiz. 4 no. 2:376-377 '61.

Reflection of electromagnetic waves in gyrotropic media from a magnetic field wave [with summary in English] G. I. Freidman. Zhur. eksp. i teor. fiz. 41 no. 1:226-233 Jl '61

Remarks on the theory of electromagnetic fluctuations in a nonequilibrium plasma [with summary in English]. F. V. Bunkin. Zhur. eksp. i teor. fiz. 41 no. 1:288-293 Jl '61

Resonance features of a rectangular comb at inclined irradiation. B. A. Miakishev. Trudy MAI no. 125:104-125 '60.

Wave excitation on an impedance plane. M. D. Khaskind. Radiotekh. i elektron. 6 no. 8:1259-1272 Ag '61.

ELECTROMAGNETIC WAVES—DIFFRACTION

Diffraction of electromagnetic waves of the concave surface of a round cylinder B. E. Kinber. Radiotekh. i elektron. 6 no. 8:1273-1283 Ag '61.

ELECTROMECHANICAL ANALOGIES

Electric integrator for simulating a special solution of Poisson's equation. O. V. Tozoni. Izv. vys. ucheb. zav.; elektromekh. 4 no. 3:3-16 '61.

Ganulich, A. K. [Electronic simulating devices] Elektronnye modeliruiushchie ustroistva. Moskva, Gos. energ. izd-vo, 1961. 75 p. (Biblioteka po avtomatike, no. 33)

Use of electric simulation for calculating plane rigid frames with inclined elements. K. K. Keroplan, K. D. Selikhova, I. I. Gurkin. Izv. vys. ucheb. zav.; elektromekh. 4 no. 3:63-72 '61.

Use of mathematical simulation for improving the dynamic properties of the electric drive of the Blooming shears. Iu. A. Bortsov, G. V. Suvorov, Iu. A. Taneev. Izv. vys. ucheb. zav., elektromekh. 4 no. 4:54-61 '61

ELECTROMETALLURGY

Apparatus for zonal smelting of low-melting metals and alloys by means of electron bombardment. E. M. Savitskii and others. Zav. lab. 27 no. 8:1041-1042 '61.

ELECTROMOTIVE FORCE

Chemical galvanic cells in fused borates. Iu. K. Delimarskii, G. D. Nazarenko. Ukr. khim. zhur. 27 no. 4:458-466 '61.

Determination of the decomposition potentials of fused salts in graphite cells I. N. Sheiko, V. G. Feshchenko. Ukr. khim. zhur. 27 no. 4:473-478 '61.

Determination of the thermodynamic functions of oxygen-containing salts by the electromotive force method [with summary in English]. T. N. Razukhina and others. Zhur. fiz. khim. 35 no. 6:1367-1369 Je '61.

Diagram of a potentiostat providing a constant polarization potential of the indicator electrode [with summary in English]. M. S. Sytilin. Zhur. fiz. khim. 34 no. 2:464-465 F '60.

Electromotive force study of the thermodynamic properties of binary metallic systems. Part 7: Iron-antimony liquid alloys [with summary in English] A. A. Vecher, V. A. Geidekh, I. A. I. Gerasimov Zhur. fiz. khim. 35 no. 7:1578-1585 Jl '61

Faraday impedance for reversible electrode processes proceeding according to the pattern of hydrogen catalytic evolution. V. G. Levich, B. I. Khaikin, V. A. Kirilianov Dokl. AN SSSR 139 no. 4:925-928 Ag '61

Nature of the electric effect at the solution-air interface during the formation of polymolecular films of condensed aromatic hydrocarbons [with summary in English]. M. A. Gerovich. Zhur. fiz. khim. 34 no. 2:356-359 F '60.

ELECTROMYOGRAPHY

"Clinical electromyography" [in Italian] by Carlo Serra, Lucio Covello Reviewed by Iu. I. Usevich. Zhur. nevr. i psikh. 61 no. 5:781-784 '61.

ELECTRON BEAMS

Electron bunching in an accelerating field. B. G. Tarasov. Vest. Mosk. un. Ser. 3 Fiz., astron. 16 no. 3:35-42 My-Je '61.

Electronic oscillations of a plasma between two electrodes S. V. Iordanskii. Zhur. tekh. fiz. 31 no. 5:549-556 My '61

Instability of a system of two electron beams in a magnetic field. B. N. Rutkevich. Zhur. tekh. fiz. 31 no. 5:539-548 My '61.

Interaction between an electron beam and a plasma in a magnetic field. I. F. Kharchenko and others Zhur. tekh. fiz. 31 no. 7:761-765 Jl '61.

Lorentz transformations of the pseudovector of polarization of an electron beam Iu. S. Perov. Izv. vys. ucheb. zav., fiz. no. 2:175 '61

Passage of intense pulse electron beams through dielectric tubes A. K. Berezin and others Zhur. tekh. fiz. 31 no. 6:751-753 Je '61

Some characteristics of the electron-beam welding of austenite steels and alloys. B. I. Medovar and others. Avtom. svar. 14 no. 7:79-81 Jl '61.

Theory of a new plasmoid. A. A. Vlasov. Zhur. tekh. fiz. 31 no. 7:785-796 Jl '61

ELECTRON GAS

Effect of the quantization of the energy of particles in a finite volume on the thermodynamic values of a Fermi gas. F. I. Itskovich Izv. vys. ucheb. zav., fiz. no. 2:13-23 '61.

Quantum theory of the excitation spectrum of an electron gas in a magnetic field [with summary in English] P. S. Zyrianov. Zhur. eksp. i teor. fiz. 40 no. 4:1065-1071 Ap '61

Theory of the superfluidity of an imperfect Fermi gas [with summary in English] L. P. Gor'kov, T. K. Melik-Barkhudarov. Zhur. eksp. i teor. fiz. 40 no. 5:1452-1458 My '61.

ELECTRON MICROSCOPE

Alignment of an electron microscope by means of electromagnetic fields. P. A. Stoianov. Radiotekh. i elektron. 6 no. 8:1382-1385 Ag '61.

Analysis of aberrations appearing due to defects in the manufacture and alignment of electron microscopes. Iu. V. Vorob'ev. Radiotekh. i elektron. 6 no. 8:1386-1391 Ag '61.

EM-6 light-electron microscope. V. N. Vertsner and others. Radiotekh. i elektron. 6 no. 8:1365-1369 Ag '61.

Electron microscope and cells. V. F. Mashanskii. Nauka i zhizn' 28 no. 6:65-68 Je '61.

How the electron microscope helps to differentiate the coloring agents of ink strokes in the criminal examination of documents. V. M. Nikolaichik. Sov. krim. na sluzh. sled. no. 13:70-94 '59.

ELECTRON MICROSCOPY

Electron microscopy of ultrathin sections of tissue of breast cancer in mice of the C-3NA line and of sarcoma 45 in rats [with summary in English]. A. S. Shubin, T. I. Tikhomirova. Vop. onk. 5 no. 11:573-578 '59.

Elimination of astigmatism of the intermediate lens of an electron microscope using a stigmator during microdiffraction. P. A. Stoianov, N. M. Grishina Radiotekh. i elektron. 6 no. 8:1378-1381 Ag '61.

Interferometry and phase electron microscopy. V. I. Miliutin. Usp. fiz. nauk 74 no. 3:553-566 Jl '61.

Investigation of germanium surfaces by means of an electron microscope. R. IA. Berlaga, P. P. Konorov, M. I. Rudenok. Radiotekh. i elektron. 6 no. 8:1370-1373 Ag '61.

Mel'nikova, I. S. [Methods of electron-microscope examination of heatproof alloys] Metody elektronnomikroskopicheskogo issledovaniia zharoprochnykh splavov; stenogramma doklada. Leningrad, 1961. 38 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Seriia: Metallovedenie i termicheskaia obrabotka)

Problems on reflective electron microscopy. G. V. Der-Shvarts and others. Radiotekh. i elektron. 6 no. 8:1358-1364 Ag '61.

ELECTRON OPTICS

Electronic acoustic transducer for the visualization of sound images. P. K. Oshchepkov, L. D. Rozenberg, Iu. B. Sermennikov. Akust. zhur. 7 no. 2:268 '61.

ELECTRON TUBES

Electron-beam tubes with symbol printing (characteron); from the foreign press. E. V. Kuzin Vest. protivovozd. obor. no. 3:48-50 Mr '61.

Preventing radio tube failures. V. R. Durov. Vest. protivovozd. obor. no. 4:16-20 Ap '61.

Svechnikov, S. V. [Gas-filled tube rectifiers and thyratrons; calculation and design principles] Gazotrony i tiratrony; osnovy rascheta i konstruirovaniia. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 323 p.

ELECTRONIC AMPLIFIERS see Amplifiers (Electronics)

ELECTRONIC ANALOG COMPUTERS

Application of electronic computers in calculating radiation disturbances in metals A. Orlov Atom. energ. 11 no. 1:84-87 Jl '61

Numerical prediction of water level in the Volga River below the Stalingrad Hydroelectric Station by the electrical analog method A. G. Levin, A. P. Zhidkov Meteor. i gidrol. no. 6:38-41 Ag '61

Two-dimensional 1024-channel pulse height analyzer DMA-1024 A. A. Rostovtsev and others Atom. energ. 11 no. 1:58-59 Jl '61

Use of electronic analog computers for studying the dynamics of the changes of the level of erythrocytes in a body. E. N. Moskagina and others Izv. vys. ucheb. zav., elektromekh. 4 no. 1:62-70 '61

Use of electronic simulators in the problem of accumulating disturbances [with summary in English]. G. V. Savinov Vest. Mosk. un. Ser. 1 Mat., mekh. 16 no. 3:62-70 My-Je '61

ELECTRONIC APPARATUS AND APPLIANCES

In brief about new developments. Radio no. 4:12-13 Ap '61

Marlynov, E. M. [Electronic devices of discrete action] Elektronnye ustroistva diskretnogo deistvila. Moskva, Gos. energ. izd-vo, 1960. 127 p. (Massovaia radio biblioteka, no. 381)

Rocket which does not burn out. M. Nechitailov Starsh. -serzh. no. 2:32-33 F '61

Through the pages of foreign magazines. Radio no. 4:55-56 Ap '61

ELECTRONIC CALCULATING MACHINES

Computer for calculating trigonometric series in X-ray diffraction examination [with summary in English] E. V. Stroganov, V. E. Solov'ev, G. G. Menshikov Vest. LGU no. 13:169-171 '61.

Conference on the problems of using mathematical methods and modern calculating machines in planning in machinery manufacturing enterprises. Plan. khoz. 38 no. 8:93-96 Ag '61.

Does the machine direct the battle? V. Siniak. Starsh.-serzh. no. 2:27 F '61

Electronic calculating machines and railroad statistics. E. P. Nesterov, Z. I. Men'shova, Z. I. Mozgrina Zhel. dor. transp. 43 no. 7:30-31 Jl '61.

Electronic calculating machines in agriculture [with summaries in English, German, and French] I. A. Budzko, M. S. Levin Vest. sel'khoz. nauki 6 no. 7:89-101 Jl '61.

Electronic calculating machines "plan" the shipment of goods F. Azizov, Sov. torg. 34 no. 6:34-36 Je '61.

Extrapolating-gradient method for finding the minimum of a square function [with summary in English]. R. F. Vinogrud, Iu. V. Geronimus. Avtom. i telem. 22 no. 6:696-710 Je '61.

Ganulich, A. K. [Electronic simulating devices] Elektronnye modeliruiushchie ustroistva. Moskva, Gos. energ. izd-vo, 1961. 75 p. (Biblioteka po avtomatike, no. 33)

Introducing mathematical methods and calculating machines in planning. N. Kovalev. Plan. khoz. 38 no. 8:15-25 Ag '61.

Neslukhovskii, K. S. [Electronic computers] Elektronnye vychislitel'nye mashiny. Moskva, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, 1960. 39 p.

Petrov, A. P., and I. IA. Aksenov, eds. [Cybernetics and the automation of transportation] Kibernetika i avtomatizatsiia transportnykh protsessov; sbornik statei. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 274 p.

Photoelectronic machine for the calculation of tidal currents. O. A. Vladimirov. Trudy GOIN no. 55:179-181 '60.

Poddertugin, V. D. [Program control for the "Strela-3" computer (recording changing commands)] Programma kontrolia dlia "Strely-3 (PIK). Moskva, Vychislitel'nyi tsentr AN SSSR, 1960. 20 p.

Poddertugin, V. D. [Program control for the "Strela-3" computer (recording linear sections)] Programma kontrolia dlia "Strely - 3" (LUCH). Moskva, Vychislitel'nyi tsentr AN SSSR, 1960. 21 p.

Special features in planning the mechanization of the accounting and planning work. G. Titarenko. Bukh. uchet 18 no. 6:15-20 Je '61.

ELECTRONIC CALCUALTING MACHINES (Continued)

Use of electronic calculating machines for planning operations in enterprises of the food industry V V Vasil'ev, Khleb. i kond prom 5 no 7:19-23 Jl '61.

Use of electronic calculating machines in automotive transportation B. Geronimus. Avt transp 39 no 6 57-58 Je '61

The use of electronic calculating machines in historical studies [with summary in English, pp. 216-217] V. A. Ustinov. Vop. ist no 8 3-6 Ag '61

Use of electronic computers for calculating the self-oscillations in turbines discs. V. M. Zelenin, N. V. Krotova. Energomashinostroenie 7 no. 4:5-7 Ap '61.

Using mathematics and electronic calculating machines in plant planning. M Fedorovich Vop ekon. no 8: 90-103 Ag '61

Using the "Ural" electronic calculating machine in computing the electric track circuit systems E A. Krumin. Vest TSNII MPS 20 no 4 62-64 '61

Will machines take the place of chess players? IU. Telesin. Otv. na vop. trud. no. 4:56-64 '61.

ELECTRONIC CALCULATING MACHINES—CONGRESSES

All-Union meeting on contactless magnetic elements of automatic control and computer technology. G. V. Subbotina. Avtom. i telem. 22 no. 6 811-814 Je '61.

ELECTRONIC CONTROL

Electronic time relay for program control. N. V. Gorlachev. Sbor rats. predl. vnedr. v proizv no. 1 38-40 '61.

Genkin, B. A. [The APM-2 automatic program control unit] Avtomaticheskii programmnyi mekhanizm APM-2. Leningrad, 1961. 21 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila: Pribory i elementy avtomatiki, no. 4)

ELECTRONIC DIGITAL COMPUTERS

Investigation of closed-loop systems containing digital computers with consideration to level quantization. I. P. Pal'tov, S. F. Fedorov. Izv. AN SSSR. Otd tekh. nauk Energ. i avtom. no. 3:82-89 My-Je '61.

Logic circuits using cold cathode thyratrons [with summary in English] A S Kotosonov Izv. vys ucheb zav., radiofiz 4 no 2 366-375 '61

Problem concerning the use of digital computers for differentiating and smoothing of the sequences with random noises [with summary in English]. A. N. Pokrovskii. Avtom. i telem. 22 no. 6.803-806 Je '61.

Solution of linear equation systems on electronic digital computers. B F Magus'kin, A P Elshchenko Trudy MIIGAiK no 45:83-90 '61

Subharmonic parametric generators as elements of super-high-speed digital computers, a survey [with summary in English]. S. A. Akhmanov, A. S Roshal' Izv. vys ucheb. zav., radiofiz. 4 no 2 203-243 '61.

ELECTRONIC INDUSTRIES—QUALITY CONTROL

Reliability of systems with regenerating reserve. E. I. Klimko. Izv AN SSSR. Otd. tekh nauk. Energ i avtom no. 3:117-120 My-Je '61.

ELECTRONIC INSTRUMENTS

New instruments. Mekh. i avtom. proizv. 15 no. 7. 38-39 Jl '61

ELECTRONIC MEASUREMENTS

Device for measuring complex impedances N. Kh Shatskii Izv. vys. ucheb zav., elektromekh. 4 no. 7 77-83 '61.

Device for measuring e. m. f. phase shifts in electrical system models. V. R. Belousov, IU. D. Sadovskii. Izv. NIIPT no. 6:277-283 '60.

Kosolapenko, G. B., and S. G. Mileikovskii. [Specialized measurement in wire communications] Spetsial'nye izmerenila v provodnoi sviazi. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1961, 332 p.

Portable input impedance meter. L. Korzhevskii. Radio no 4 51 Ap '61

Transistorized antenna indicator. I. Shkul'tetskii. Radio no. 4 41 Ap '61.

Universal device for recording the volt-ampere characteristics of electric brushes. IU. S. Levashov, L. V. Lobashevskii, I. I. Tuktaev. Izv. vys. ucheb. zav.; elektromekh. 4 no. 3:118-122 '61.

ELECTRONIC MUSICAL INSTRUMENTS see Musical Instruments, Electronic

ELECTRONICS

Certificates of invention. Elektrosviaz' 15 no. 8:73-74 Ag '61.

In brief about new developments. Radio no. 5:12 My '61.

ELECTRONICS—BIBLIOGRAPHY see Bibliography—Electronics

ELECTRONICS—CONGRESSES

Nineteenth interdepartmental conference on cathode electronics. A. A. IAsnopol'skala, R. P. Vikhliaeva, T. M. Ekimenko. Radiotekh i elektron. 6 no. 8:1407-1408 Ag '61.

ELECTRONICS—TERMINOLOGY

Draft project on terminology in the theory of reliability in the field of radio electronics. V. I. Siforov. Radiotekhnika 16 no. 7:77 Jl '61.

ELECTRONICS IN BIOLOGY

Radioelectronics in biology. L. B. Kaminir. Biol. v shkole no. 4:73-79 Jl-Ag '61

ELECTRONS

Asymmetry of the angular distribution of $\mathcal{A}$---e decay electrons in magnetic fields up to 35,000 Oersted [with summary in English]. S. A. Ali-Zade, I. I. Gurevich, B. A. Nikol'skii. Zhur. eksp. i teor. fiz. 40 no 2 452-456 F '61.

Bipolaron states of current carriers in ionic crystals [with summary in English]. V. L. Vinetskii. Zhur. eksp. i teor. fiz 40 no 5:1459-1468 My '61.

Combined resonance of band electrons in crystals with a sphalerite lattice. E. I Rashba, V. I. Sheka Fiz tver. tela 3 no 6 1735-1749 Je '61.

Corpuscular hypothesis of the ionization of the night ionosphere. L. A. Antonova, G. S. Ivanov-Kholodnyi. Geomag. i aer. 1 no 2.164-173 Mr-Ap '61.

Distribution of the electron density among 3d-shell electrons which account for the ferromagnetism of nickel, cobalt and iron. N. N Sirota, N. M Olekhnovich Dokl AN SSSR 139 no. 4.844-846 Ag '61

Effect of a constant electric field on electron temperature in the ionosphere. A. V. Gurevich, E. E. TSedilina. Geomag. i aer. 1 no. 1:34-40 Ja-F '61.

Effect of the velocity scattering of electrons on the radiation of electron clusters moving uniformly in wave guide systems L G Lomize, O M Kurbanov. Zhur tekh fiz, 31 no. 6 657-664 Je '61.

Electron losses in a synchrotron due to the quantum nature of the radiation [with summary in English] P. S Landa. Zhur. eksp. i teor. fiz. 40 no 4:1119-1123 Ap '61.

Electron terms in the field of two dissimilar Coulomb centers [with summary in English]. S S. Gershtein, V. D Krivchenkov. Zhur. eksp i teor. fiz. 40 no. 5. 1491-1502 My '61.

Laboratory work to determine electron charge. IA A. Kraftmakher. Izv. vys. ucheb zav., fiz no 2 138-142 '61.

Photoproduction of neutrino-antineutrino pairs on electrons [with summary in English]. Van Zhun [Wang Jung] and others. Zhur. eksp. i teor. fiz. 40 no. 2:676-677 F '61

Problem of the hyperfine structure due to the interaction of an S-electron with the magnetic moment of a displaced nucleus. L. A. Shul'man. Uch. zap. Tadzh. un. 18:73-87 '58.

Radar method of determining the coefficient of electron union with neutral molecules in the region of the meteor zone. E. I. Fialko. Geomag. i aer. 1 no. 2:209-212 Mr-Ap '61.

Relativistic radiation from an annular current. V. N TSytovich. Zhur tekh. fiz 31 no. 6:665-675 Je '61.

Study of the electron spectrum and asymmetry resulting from π-μ-e-decay in a nuclear photoemulsion [with summary in English]. A. O. Vaisenberg, V. A. Smirnitskii, E. D. Kolganova. Zhur. eksp. i teor. fiz. 40 no. 4:1042 1049 Ap '61.

Theory of an electron plasma in a magnetic field. Effect of Coulomb interaction on the magnetic susceptibility. A G Mikonov. Fiz. tver. tela 3 no 6:1654-1661 Je '61

ELECTRONS—CAPTURE

Capture of several electrons by fast multicharge ions [with summary in English] V. S Nikolaev and others. Zhur eksp i teor. fiz. 41 no 1:89-99 Jl '61.

Electron capture by O_2 and Cl_2 molecules in collisions with fast atoms of alkali metals. A M. Bukhteev, IU. F. Bydin, V. M. Dukel'skii. Zhur. tekh. fiz. 31 no. 6 688-693 Je '61

Electron capture in stationary conditions of betatron acceleration. A. P. Komar and others. Zhur. tekh. fiz. 31 no. 6 740-745 Je '61.

Electron loss and capture in gases by helium ions in the energy range of 200 to 1500 kev [with summary in English]. L. I. Pivovar, V. M Tubaev, M. T. Novikov. Zhur. eksp. i teor fiz. 41 no. 1.26-31 Jl '61.

Experimental study of electron capture by mutiple charged ion [with summary in English]. V. S. Nikolaev and others. Zhur. eksp. i teor. fiz. 40 no. 4:989-1000 Ap '61.

Polarization of recombination radiation [with summary in English]. B. A. Lysov, L. P. Belova, L. I. Korovina. Zhur. eksp. i teor. fiz. 40 no. 4:1160-1165 Ap '61.

Probability ratio of α-decay and E-capture for the isotopes Po 200, 201, 203. B. N. Beliaev, A. V. Kaliamin, A. N. Murin. Izv. AN SSSR. Ser. fiz. 25 no. 7:874-878 Jl '61.

ELECTRONS—EMISSION

Effect of pressure in a vacuum chamber on the emission intensity of accelerators. A. G. Vlasov. Zhur. tekh. fiz. 31 no. 5:613-615 My '61.

Features of the emission of hot electrons from natural p-n junctions in SiC crystals. G. V. Stepanov, V. I. Pokaliakin, M. I. Elinson. Fiz tver. tela 3 no. 6: 1762-1767 Je '61.

ELECTRONS—SCATTERING

Anisotropic scattering of electrons on ionized impurities. A. G. Samoilovich, I. IA. Korenblit, I. V. Dakhovskii. Dokl. AN SSSR 139 no. 2:355-358 Jl '61.

Application of Kramers' method to the calculation of the particle loss in cyclic accelerators due to the effect of scattering on betatron oscillations. A N Didenko, A. N Vall Zhur. tekh fiz 31 no. 7:830-833 Jl '61

Calculation of the characteristics of the scattering of mean energy electrons on free atoms A N Pilankevich. Radiotekh i elektron 6 no 8:1374-1377 Ag '61

Calculation of the loss of accelerated particles due to scattering on gas A. G. Vlasov Izv vys ucheb zav., fiz no 1 20-23 '61.

High energy electron-electron scattering [with summary in English]. V. N. Baier, S. A. Khuifets. Zhur. eksp. i teor. fiz. 40 no. 2 613-615 F '61.

Nonelastic electron scattering and secondary electron emission of certain metals and semiconductors I. M. Bronshtein, B. S. Fraiman Fiz tver tela 3 no. 6 1638-1649 Je '61.

Theory of scattering of relativistic particles by the Coulomb field of the nucleus I I Guseinov Izv. Akad Azerb SSR Ser. fiz.-mat. i tekh nauk 2:61-64 '61

ELECTRONS—SPECTRA

Electron spectra produced in light substances by bremsstrahlung with an intensity of E γ max = 80 mev S P. Kruglov, I V Lapatin. Zhur. tekh. fiz. 31 no. 7.876-887 Jl '61.

ELECTROPHORESIS

Electrophoresis method of studying the complexes of neptunium with trilon B. M. P. Mefod'eva. Radiokhimiia 3 no. 4:506-508 '61.

Studies on penicillin concentrations in dog tissues and blood after administration with the aid of electrophoresis [with summary in English]. N. A. Bareukov. Antibiotiki 6 no. 5:427-431 My '61.

Treatment of urogenital trichomoniasis in women by electrophoresis with osarsol. E. D. Svet-Moldavskaia, S. D. Leikina, B. N. IUr'eva. Vop. kur., fizioter. i lech fiz. kul't. 26 no 3.254-255 My-Je '61.

ELECTROPHYSIOLOGY

Activity of the deglutition and respiratory centers during excitation of the superior laryngeal and vagus nerves under hyperventilation and exsanguination [with summary in English]. G. IA. Prilma, V. A. Minkina. Fiziol. zhur. 46 no. 3:305-309 Mr '60.

Atonia of the respiratory center in a frog [with summar in English]. O. P. Minut-Sorokhtina, G. N. Sorokhtin, IU. B. Temper. Fiziol. zhur. 46 no. 3:299-304 Mr '60.

Automatic apparatus for the production of microelectrodes A. L. Byzov, V. I. Chernyshov. Biofizika 6 no. 4.485-489 '61.

Cathode follower of a pentode for work with microelectrodes. I. S. Mahura. Fiziol. zhur. [Ukr.] 7 no. 4:566-568 Jl-Ag '61.

Effect of potassium and calcium ions on the electrotonic potentials of spinal roots [with summary in English]. T. M. Mamonets'. Fiziol. zhur. [Ukr.] 7 no. 4:440-445 Jl-Ag '61.

Effect of some anticholinesterase preparations on the conduction of excitation in the frog nerve. I. F Prud.i kova. Biofizika 6 no. 4.464-471 '61.

Effect of the radiation dose on the electric conductivity of the rat brain. Z. I. Apanasenko. Radiobiologiia 1 no. 1:45-51 '61.

Effect of the sympathetic nerve on the assimilation of different rhythms of electric stimulation by the myocardium of heart ventricles. L. B. Babskii, I. S Ufimtsinskii. Dokl. AN SSSR 139 no. 3:752-754 Jl '61

In the Kiev branch of the Ukrainian Physiological Society I. S. Mahura, M. F. Shuba, A. F. Kosenko. Fiziol. zhur. [Ukr.] 7 no. 4:573-574 Jl-Ag '61.

Kriger, IU. A., and IU. B. Kudriashov. [Electrokinetic phenomena in biology; lectures in a course of biophysics] Elektrokineticheskie iavleniia v biologii; lektsii po kursu biofiziki. [Moskva] Izd-vo Mosk. univ., 1960. 34 p.

Mechanism of the action of the impulse electrical field of ultrahigh frequency on arterial pressure. S. B. Aronova Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 3 243-246 My-Je '61.

Rhythmical background activity of individual neurons of the spinal cord [with summary in English]. P. G Kostiuk, I. P. Semenitin. Biofizika 6 no. 4 448-458 '61.

Studying the electric characteristics of the rat liver in radiation injury. A. I. Poltvoda, A. A. Mikhailova. Radiobiologiia 1 no. 2:176-181 '61.

Studying the "quantum" nature of miniature potentials in the end plate of the myoneural junction of a frog [with summary in English]. I. M. Glagoleva, E. A. Liberman. Biofizika 6 no. 4:459-463 '61.

ELECTROPHYSIOLOGY OF PLANTS

Impedance method of studying structural changes in plant tissues caused by ionizing radiation. E. V. Budnitskaia and others. Radiobiologiia 1 no. 1:37-41 '61.

Kinetics of the transition of plant organisms into new stationary states [with summary in English]. G D. Dechev. Biofizika 6 no. 4:440-447 '61.

Molecular-structural heterogeneity of the internal tissue in the apical and stolonate parts of a potato tuber. I Z Lazarev. Biofizika 6 no. 4:503-511 '61.

ELECTROPLATING
Automation of electroplating processes B. P. Belkin. Mekh i avtom proizv. 15 no 7 10-16 Jl '61
Calculation of internal stresses in electrolytic coatings from the curvature of a flat cathode [with summary in English]. A T Sanzharovskii. Zhur fiz khim. 34 no. 2:466-469 F '60
Effect of periodic reversal of current on concentration polarization [with summary in English] N T Kudriavtsev, R. IU. Bek, M R. Tarasevich. Zhur fiz khim 35 no 7 1507-1511 Jl '61
Rules of a simultaneous electrochemical discharge of a basic metal and admixtures the depolarization effect taken into account V. L. Kheifets and others Zhur prikl khim 34 no 7 1519-1520 Jl '61
Theory of the electrodeposition of metals from complex solutions [with summary in English] E. A. Ukshe. Zhur. fiz. khim. 34 no. 2,259-266 F '60.

ELECTROSTATIC SPRAY PAINTING see Spray painting, Electrostatic

ELECTROSTATICS
Barshchevskii, B. U. [Electrostatics; abstract of lectures of the second course of all faculties] Elektrostatika; konspekt lektsii dlia studentov II kursa vsekh spetsial'nostei. Moskva, Vses. zaochnyi in-t inzhenerov zhel-dor. transp., 1960. 31 p.

ELEMENTARY EDUCATION see Education, Elementary

ELEMENTS, CHEMICAL see Chemical elements

ELEPHANTS, FOSSIL see subdivision under Pyatorzhskoye region

ELEVATORS
Concerning the introduction of changes in chapter V-5 of the "Regulations on the installation of electric systems": Electric equipment of elevators. Prom. energ. 16 no. 5:58 My '61.

ELEVATORS—MAINTENANCE AND REPAIR
Handle for cranking elevators. N. I. Shein. Sbor. rats. predl. vnedr. v proizv. no. 2:17-18 '61.
Replacing metal lining of the elevator shaft with wood-lined sections M. F. Golitsin, M K Konanerov. Sbor. rats predl vnedr v proizv no. 2,17 '61.

ELLIPTIC FUNCTIONS see Functions, Elliptic

ELOVICH, SOLOMON IUL'EVICH, d. 1961
Solomon IUl'evich Elovich. Masl.-zhir. prom. 27 no. 7:48 Jl '61.

ELSHOLTZIA
Investigating the fatty oil from the fruit of Elsholtzia patrinii (Lep.) Garcke IU. A Dranitsyna Trudy Bot. inst Ser. 5 no. 8 32-34 '61

EMASCUALATION see Castration

EMBA REGION—GEOLOGY, STRATIGRAPHIC
Stratigraphy of the lower and middle Jurassic of the southern Emba oil-bearing province. G. E. -A. Aizenshtadt. Trudy VNIGNI no. 20 vol. 2:64-71 '61.

EMBA REGION—PETROLEUM INDUSTRY
Shaukenbaev, T. Sh. [The Ural-Emba oil region] Uralo-Embenskii neftenosnyi raion. Alma-Ata, Kazakhskoe gos. izd-vo, 1960. 225 p. (MH)

EMBANKMENTS
Comparative evaluation of methods for designing slopes on circular cylindrical surfaces utilizing the theory of limiting equilibrium. I. V. Fedorov. Osn., fund. i mekh. grun. 3 no. 3:28-30 '61.

EMBOLISM
Air embolism in an experiment; abstract. D. I. Darenskii. Voen.-med. zhur. no. 3:81 Mr '61.

EMBROIDERY, WHITE RUSSIAN
"Slutsk sashes" by L. I. IAkunina. Reviewed by M. Malochka. Belarus' 18 no. 7 31 Jl '61.

EMBRYOLOGY
Is it possible to control the development of the embryo? O. E. Vlazov, I. I. Titov. Nauka i zhizn' 28 no. 6:72-73 Je '61.
Live embryo under the microscope. V. I. Sorokin. Nauka i zhizn' 28 no. 6:73 Je '61.

EMBRYOLOGY—AMPHIBIA
Some data on early development of seismosensory lines of the head in flynobiidae. I. M. Medvedeva. Dokl. AN SSSR 139 no. 3:748-751 Jl '61.

EMBRYOLOGY—BIRDS
Effect of gamma irradiation on the development of the motor function in chicken embryos. G. E. Sviderskaia. Dokl. AN SSSR 139 no. 3:729-732 Jl '61

EMBRYOLOGY—FISHES
Correlation between latent differentiation of the material of the auditory vesicle and cell generations at equal stages of development in embryos of acipenserid fishes (Huso huso, Acipenser güldenstädti, and Acipenser stellatus) E V. Chulitskaia. Dokl. AN SSSR 139 no. 2: 506-509 Jl '61
Effect of visible light, ultraviolet rays, and temperature on the metamerism of the fish body Report No 2: Effect of ultraviolet rays on the survival and body metamerism of Esox lucius L. and Acerina cernua L. [with summary in English] A. I. Liubitskaia, E. A. Dorofeeva Zool zhur 40 no 7:1046-1057 Jl '61
Inductive properties of the chordomesodermal bud before the beginning of invagination and regulation of its defects in sturgeon embryos G. M. Ignat'eva. Dokl. AN SSSR 139 no. 2:503-505 Jl '61.

EMBRYOLOGY—MAMMALS
Some characteristics of embryonic diapause in the mink (Mustela vison Shreb.) IU. B Baevskii Dokl. AN SSSR 139 no 2:498-502 Jl '61

EMBRYOLOGY (BOTANY) see Botany—Embryology

EMBRYOLOGY, HUMAN see subdivision under Italy

EMOTIONS
IAkobson, P. M. [Study of feelings in children and adolescents; development of moral judgement in school children] Izuchenie chustv u detei i podrostkov; razvitie nravstvennykh otsenok u shkol'nikov. Moskva, Izd-vo Akad. pedagog. nauk RSFSR,
Pt. 2. [Psychology of feelings] Psikhologiia chuvstv. 1961. 213 p.

EMPLOYEE VACATIONS see Vacations, Employee

EMPLOYEES, DISMISSAL OF
(see also subdivision under Kaliningrad Province)
Special rules governing the appointment and dismissal of educational personnel E. Zhanabilov. Sov. gos i pravo 31 no. 8,121-127 Ag '61

EMPLOYEES, TRAINING OF
(see also subdivision under Ukraine)
Our workers should know as much as Soviet engineers. V. Cherepovskin. Blok. agit. [Sov. Armii] no. 23: 32-37 Ag '61.

EMPLOYEES, TRANSFER OF
The transfer of employees. B. Bazarbaev. Sov. gos. i pravo 31 no. 2:119-123 F '61

EMPLOYEES' BUILDINGS
Effective space planning and construction decisions for service buildings. K. K. Nikulin, V. G. Deslatkov. Trudy Ural. politekh. inst. no. 109:88-93 '61.

EMPLOYEES INVENTIONS see Inventions, Employees'

EMULSIONS
Effect of the ultrasonic wave intensity on the state of a dispersed phase at the instant of emulsification. S. A. Neduzhii. Akust. zhur. 7 no. 2:265-268 '61.
Separation of trap emulsions in petroleum refineries. E. S. Kozorezov and others. Khim. i tekh. topl. i masel 6 no. 6:32-34 Je '61.

ENAMEL AND ENAMELING
Enameling jewelry made of aluminum, N. M. Pavlushkin, A. K. Zhuravlev, S. I. Eltingon. Stek. i ker. 18 no. 7: 35-37 Jl '61.

ENCEPHALITIS
(see also subdivision under Tomsk re
Clinical aspects of smallpox vaccinal en summary in English]. E. N. Kovalev, Zhur. nevr. i psikh. 61 no. 3 368-371
Comatous condition in a patient with vac I. S. Gleizer. Zhur. nevr. i psikh. 61
Fate blundulant, meningoencephalitis vi body as influenced by the feeding of th animals [with summary in English]. virus. 6 no. 5:521-526 S-O '60.
Interrealtion of the virus of tick enceph ceptible cells in vitro. Report No. 2: of the cells [with summary in English] paridze, N. N. Bogomolova. Vop. viru 343-347 My-Je '61.
Intracellular localization of herpes virus encephalitis in the rabbit [with summa R. M. Shen, M. I. Parfanovich, G. A. Gr 6 no. 5:538-541 S-O '60.
Meningoencephalitis with hydrocephalus brain tumor [with summary in French O. A. Laponogov. Zhur. nevr. i psikh. '61.
Nature of blundulant milk fever; data on focus in European Russia. Report No relation of the virus of blundulant mill viruses of tick and Scotland encephali hemorrhagic fever [with summary in Drozdov. Vop. virus. 6 no. 5:528-53
Postvaccinal lesions of the nervous system [with summary in French]. O. A. Khondkarian and others. Zhur. nevr. i psikh. 61 no. 3:359-367 '61.
Rhombencephalitis. T. Zaprianov. Zhur. nevr. i psikh 61 no 3 348-349 '61.
Toxoplasmosis of the brain (chronic toxoplasmic encephalitis and its sequelae) [with summary in French]. V K Beletskii Zhur nevr i psikh. 61 no 5-733-738 '61.

ENCYCLOPEDIAS AND DICTIONARIES, UKRAINIAN
[Ukrainian Soviet encyclopedia] Ukrains'ka radians'ka entsyklopediia. Holovna red. kolegiia: M. P. Bazhan ta inshi. Kyiv, Holovna red. Ukrains'koi radians'koi entsyklopedii,
Vol. 4. Dante - Eshelon. 500 p.

ENGELS, FRIEDRICH, 1820-1895—BIBLIOGRAPHY see Bibliography—Engels, Friedrich, 1820-1895

ENGINEERING GEOLOGY
Sedenko, M. V. [Fundamentals of hydrogeology and engineering geology] Osnovy gidrogeologii i inzhenernoi geologii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 210 p.

ENGINEERING STANDARDS see Standards, Engineering

ENGINEERS
Praiseworthy. V. Vernikov. Sov. profsoiuzy 17 no. 14:7 Jl '61.

ENGLISH LANGUAGE—AUDIO-VISUAL AIDS
"Competition in wit" A. A. Bezgrebel'naia. Inostr. iaz v shkole no. 3 55-60 My-Je '61

ENGLISH LANGUAGE—GRAMMAR
Distribution of grammatical material in the English language program for the eight-year schools. A. D Klimentenko, G M Uaizer Inostr iaz v shkole no 3 113-117 My-Je '61.

ENGLISH LANGUAGE—LEXICOGRAPHY
"Lexicology of the modern English language" by J. W. Arnold. Reviewed V. V. Veselitskii. Inostr. iaz. v shkole no. 2:118-120 Mr-Ap '61

ENGLISH LANGUAGE—STUDY AND TEACHING
Development of language skills and habits of second course students in schools where some other subjects are taught in English. L. I. Shaverneva. Inostr. iaz. v shkole no. 2,70-80 Mr-Ap '61.
Instruction in independent expression during work on vocabulary and reading M. I Dubrovin Inostr iaz v shkole no 3 50-55 My-Je '61
Problem of the relation between speech and reading at the first stage of teaching English. V. M. Zheleznlak. Inostr. iaz. v shkole no. 2:9-15 Mr-Ap '61.
Testing speech skills and habits during work on their development. I. I. Antonova, L. A. Filiasova Inostr. iaz. v shkole no 3,61-66 My-Je '61
What does successful work depend on? E I Glatman Inostr. iaz v shkole no 3 44-49 My-Je '61

ENGLISH LANGUAGE—TECHNICAL ENGLISH
Turuk, I. F., and V. N. Stolkova. [Handbook for translating technical texts from English into Russian] Posobie po perevodu tekhnicheskikh tekstov s angliiskogo iazyka na russkii. Moskva, Izd-vo lit-ry na inostr. iazykakh, 1961. 166 p.

ENGLISH LANGUAGE—TERMS AND PHRASES
Semantics of the construction "to go going" plus infinitive in English and its translation into Russian. R. I. TSyba. Inostr. iaz. v shkole no. 2:107-109 Mr-Ap '61.

ENGLISH LANGUAGE—TEXTBOOKS

ENSEMBLES (MUSIC), UKRAINIAN

Boryms'ka, H. [The Honored State Dance Ensemble of the Ukrainian S.S.R.] Derzhavnyi zasluzhenyi ansambl' tantsiu Ukrains'koi RSR. Kyiv, Derzh vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1959. 30 p. (MH)

[The Honored State Ensemble of Banduristo of the Ukrainian S.S.R.] Gosudarstvennaia zasluzhennaia kapella banduristov USSR. [Kiev, Gos. izd-vo izobraz. iskus. i muzykal'noi lit-ry USSR, 1960] 1 v illus. (Dekada ukrains'koi literatury ta mystetstva)

ENSEMBLES (MUSIC), WHITE RUSSIAN

Mukharinskaia, L. S. [White Russian State People's Song and Dance Ensemble] Belorusskii gosudarstvennyi narodnyi ansambl' pesni i tantsa. Minsk, Gos. izd-vo BSSR, 1959. 45 p. (MH)

ENSILAGE

Economic effectiveness of surface ensilage N P. Isaenko, M. V Markova Dokl. i soob VNIESKH no 4 36-44 '58

Effect of nitrites on the quality of silage [with summaries in English, German, and French] Vest sel'khoz nauki 6 no 7-66-68 Jl '61

[Aremenko, M. K. [Surface ensilage under a plastic film cover sealed by means of vacuum] Opyt nazemnogo silosovaniia kormov pod plastmassovoi plenkoi s uplotneniem posredstvom vakuuma. Moskva, Izd-vo M-va sel'. khoz. SSSR, 1960. 41 p. (DA)

Obtaining high-quality silage from sugar beet tops. V IA Maksakov Visnyk sil'hosp nauky 4 no 8 46-49 Ag '61

Tatintsian, S. V. [Surface ensilage of corn] Nazemnyi sposob silosovaniia kukuruzy. [Makhachkala] Dagestanskoe knizhnoe izd-vo, 1959. 12 p. (Bibliotechka kukuruzovoda) (DA)

Using the strain Lactobacterium plantarum no. 11 for the preparation of silage starters N. I Leonov, I G Pivniak Biul. nauch. -tekh. inform VIZH no. 1:17-20 '58.

Vitamin B_{12} content of ensilages. IU. I. Raetskaia, Z I Zubrilina. Biul. nauch. -tekh. inform VIZH no. 1: 21-24 '58

Zafren, S. IA. [Prepare corn ensilage properly] Pravil'no silosuite kukuruzu. [Moskva] Mosk. rabochii, 1961. 27 p. (Bibliotechka kukuruzovoda-mekhanizatora) (DA)

ENTERIC FEVER see Typhoid fever

ENTHALPY

Determination of the enthalpy and heat capacity of boron oxide in the range of 1000-2200 K° [with summary in English] R M. Krasovitskaia and others Zhur fiz khim 35 no 7-1499-1501 Jl '61.

ENTIRE FUNCTIONS see Functions, Entire

ENTROPY

Entropy and the new function of the state of physical bodies V. N Masiukov Trudy VIM 27:261-275 '60

ENWONWU, BENEDIKT, 1921-

Nigerian artist. Kornelius Streiter. Az. i Afr segodnia no. 7:47 Jl '61.

ENZYMES

Enzyme-secreting function of the intestine in dogs with exclusion of pancreatic secretion and maintained on different diets [with summary in English]. O. I. Shvetsova. Vop. pit. 19 no 2:48-54 Mr-Ap '60

Modifications of electrolyzers in the polarography of proteins and ferments. I. D. Ivanov. Lab. delo 7 no. 6:54-56 Je '61.

Pectase and polygalacturonase in some vegetables and fruits [with summary in English] O. A. Konovalova Vop. pit 20 no. 4:48-52 Jl-Ag '61.

Use of enzyme preparations in making rye bread from scoured flour. R. R. Tokareva and others. Khleb. i kond. prom. 5 no. 7:3-5 Jl '61.

EPIC POETRY, TURKMEN

From the history of recording, publishing and studying the "Khurlukga-Khempe" verbal epos. A. Mirbadaleva Izv AN Turk. SSR. Ser. obshchesiv. nauk no. 1:57-64 '61.

EPICHLORHYDRIN

Determination of ethylene oxide, epichlorhydrin, and ethylene glycol in air analysis. E. Sh. Gronsberg. Khim. prom. no. 7 508-509 Jl '61.

EPIDEMIC HEMORRHAGIC FEVER

Nature of blundulant milk fever; data on a study of the focus in European Russia Report No. 3: Study of the relation of the virus of blundulant milk fever to the viruses of tick and Scotland encephalitis and Omsk hemorrhagic fever [with summary in English]. S G Drozdov. Vop. virus. 6 no. 5:528-532 S-O '60

EPIDEMIOLOGY

Work of the division of hygiene, microbiology and epidemiology of the Academy of Medical Sciences of the U. S. S. R (February 1960 - February 1961) L G Raigauz, A I Danilov Vest. AMN SSSR 16 no 7. 72-81 '61

EPILEPSY

Evaluation of the diagnostic significance of epileptic seizures in brain tumors [with summary in French]. IU I Beliaev. Zhur nevr. i psikh. 61 no. 4 528-533 '61.

Irradiation of strychnine stimulation provoked in the cerebral cortex [with summary in English] N IU. Belenkov, V D Chirkov Zhur vys. nerv. deiat 11 no. 3 512-521 My-Je '61

EPINEPHRIN see Adrenaline

EPOVA, NINA AFANAS'EVNA, 1903-1960

Nina Afanas'evna Epova; obituary. A. Granina, N. Tiumentsev. Izv Vses geog ob-va 93 no 4:348-349 Jl-Ag '61

EPOXY RESINS

Hardening of epoxide adhesive compositions and compounds. E. B. Trostianskaia, E. S. Venkova Plast. massy no. 8 16-18 '61.

New epoxide plastic (from "Modern Plastics," no. 8, 1960) Plast. massy no. 7,75 '61.

Rapid method for determining free chlorine in epoxide resins. L. S. Kalinina, M. V Barulina. Plast. massy no. 8:62-63 '61.

Synthesis of polycarbonates and epoxide resins based on 1, 1-(4, 4'-dihydroxy)-diphenylethane. V. L Vaiser, V. D. Riabov, B. M Bolotin Khim prom no. 7: 468-469 Jl '61.

EQUATION OF STATE

Equation of state for partially ionized hydrogen [with summary in English]. L P. Kudrin Zhur. eksp i teor. fiz 40 no 4 1134-1139 Ap '61.

Equation of state of the products of hexogen detonation [with summary in English] N. M Kuznetsov. Zhur fiz khim 35 no 7 1430-1434 Jl '61

EQUATIONS

Rounding-off errors in the solution of normal equation systems by the method of elimination and the method of square roots A. Z Sazonov. Trudy TSNIIGAIK no 135 35-51 '60

EQUATIONS—NUMERICAL SOLUTIONS

Correct forms of solutions of Einstein's formulae. IA I. Pugachev Izv. vys ucheb zav., fiz no 1:31-34 '61.

EQUATIONS, INTEGRAL see Integral equations

EQUATIONS, LINEAR see Linear equations

EQUIVALENT CIRCUITS

Concerning the number of types of equivalent matrices. IU L Sagalovich. Probl. pered inform. no. 9:216-229 '61

Equivalent circuit of the magnetic circuit of an asynchronous motor. L TSignek. Izv. vys ucheb. zav., elektromekh. 4 no 5 23-29 '61.

Study of two equivalent transistor circuits. M. E. Movshovich, V. K Labutin Elektrosviaz' 15 no. 8:35-39 Ag '61.

ERIVAN—ELECTRIC INDUSTRIES

Efficiency promoters at the Armenian Electric Engineering Plant A Atrapetian. Prom. Arm 4 no. 7: 45-46 Jl '61.

ERIVAN—ELECTRIC METERS

Modernized instruments for industrial use. G. Nikogosian Prom. Arm 4 no 7:38-39 Jl '61.

ERIVAN—ELECTRIC MOTORS—TECHNOLOGICAL INNOVATIONS

Always ahead. Prom. Arm. 4 no. 7:46-47 Jl '61.

ERIVAN—PARENTS' AND TEACHERS' ASSOCIATIONS

The people of Erivan help their schools. N. Konovalov. Sov. deput. trud. no. 8:37-40 Ag '61.

ERIVAN—SHOE INDUSTRY—TECHNOLOGICAL INNOVATIONS

Creative research. Prom. Arm. 4 no. 7:48-49 Jl '61.

ERIVAN—VIEWS

Erevan. [Erivan] Erevan, Armianskoe gos. izd-vo, 1960. 167 p. illus.

ERIVAN—WOOLEN AND WORSTED MANUFACTURE—TECHNOLOGICAL INNOVATIONS

Respected workers. Prom. Arm. 4 no. 7:47-48 Jl '61.

ERMOLOV, ALEKSEI PETROVICH, 1777-1861

General of the Suvorov school. Voen. ist. zhur. 3 no. 4: 127 Ap '61.

EROSION

(see also subdivision under Aldan Valley, Aras Valley; Kishchay Valley; Olekma Valley; Webb, Cape, Antarctica)

Erosion surfaces in the U.S.S.R. [with summary in English]. A. I. Spiridonov. Biul. MOIP. Otd. geol. 36 no. 2 63-80 Mr-Ap '61.

ERRORS, THEORY OF

Algebraic foundation of the theory of measurement adjustments N D Drozdov Trudy MIIGAiK no 45 53-62 '61.

Estimation of accuracy in case of a limited number of measurements G. A. Burmistrov Trudy MIIGAiK no 44 51-58 '61

ERYSIMUM

(see also subdivision under Siberia, Western)

Primary investigation of the podded erysimum under cultivation. V. G. Minaeva, M. N. Smirnova, A. I. IAkubova. Trudy Bot. sada Zap.-Sib. fil. AN SSSR no. 1: 27-31 '56.

ERYTHROCYTES

Adsorption of erythrocytes by cells of human tissue culture infected with influenza virus [with summary in English] M. G. Galdamaka, G. I. Volchanetskaia, D. D. Bradina Vop. virus. 6 no 5:564-567 S-O '60

Effect of radiation protective agents on the surface layer of erythrocytes. K. S Trincher, A. M. Kuzin. Radiobiologiia 1 no 1:30-36 '61

Some features of different strains of the herpes virus. Report No. 3: Role of erythrocytes in the pathogenesis of infection [with summary in English]. A. K Shubladze, A I Banag, A. M. Maevskaia. Vop. virus. 7 no. 3: 293-299 My-Je '61.

Use of electronic analog computers for studying the dynamics of the changes of the level of erythrocytes in a body. E. N. Mosiagina and others Izv. vys ucheb zav., elektromekh. 4 no 4 62-70 '61.

ERYTHROMYCIN

Combined effect of chemical and physical factors in the selection of erythromycin producers. V. G. Zhdanov. Trudy Inst. mikrobiol. no. 10 164-168 '61.

Stability of aqueous erythromycin solutions during storage. A. B. Chernomordik. Apt. delo 10 no. 3. 58-59 My-Je '61.

ERYTHRONIUM

Characteristics of the growth and development of the Siberian fawnlily (Erythronium sibiricum Kryl.) under natural conditions. L. P. Zubkus. Trudy Bot. sada Zap.-Sib. fil. AN SSSR no. 1:33-38 '56.

ESAMBAEV, MAKHMUD, 1925-

Dances of Makhmud Esambaev E. Lutskaia. Kul't i zhizn' 5 no. 7 27-28 '61

ESCHERICHIA COLI

Comparative studies on the effectiveness of polymyxin and antibiotics of the neomycin series in experimental infections caused by pathogenic serotypes of Escherichia coli [with summary in English]. I. N. Krasnova. Antibiotiki 6 no. 5:406-409 My '61.

A new auxotrophic strain of Bacterium coli requiring only methionine. D. F. Petrov, T. I. Grableva Dokl AN SSSR 139 no. 4:984-986 Ag '61.

Rapid detection of Escherichia coli in Heifetz's medium. IA. I. Pavlovich, F. P. Khmelinin. Lab. delo 7 no. 6 32 Je '61.

Some properties of bacteria No. 5170 experimentally produced from Escherichia coli and causing typhus in murine rodents. M. I. Prokhorov. Trudy Inst. mikrobiol. no. 10:138-142 '61.

ESIL' DISTRICT—SOCIALIST COMPETITION

Achieve new goals. S. Votrov. Sov. profsoiuzy 17 no. 13: 19-21 Jl '61.

ESPERANTO

The international language problem in scientific contacts and scientific work in geography. D. L. Armand, N N Baranskii, S. V. Obruchev. Izv. Vses. geog. ob-va 93 no. 4:297-303 Jl-Ag '61.

ESPIONAGE

(see also subdivision under Japan)

Be vigilant, soldiers, and remember that our enemies are wily! M. Krupin. Blok agit. [sov. Armii] no. 15: 31-34 My '61.

ESPIONAGE, FRENCH

Victims of the "Bloody hand" (conclusion). Az. i Afr segodnia no. 7 49-51 Jl '61.

ESSENCES AND ESSENTIAL OILS

Effect of planting time and methods on the essential oil yield of the Moldavian dragonhead. E. V. Turina. Trudy Bot. sada Zap.-Sib. fil. AN SSSR no. 1:55-59 '56.

Infrared spectra of compounds contained in essential oils. G. V. Pigulevskii, A. T. Ryskal'chuk. Trudy Bot. inst. Ser. 5 no. 3:240-325 '61.

Investigating the essential oil from the fruit of the water parsnip Sium latifolium L. G. V. Pigulevskii, N.V Belova Trudy Bot. inst. Ser 5 no 8 24-27 '61

Investigating the essential oil from the fruit of the wild carrot Daucus carota L. occurring in Central Asia G V Pigulevskii, V I Kovaleva Trudy Bot inst Ser 5 no 8 15-23 '61.

Investigating the essential oil of Caropodium platycarpum Schischk. G. V. Pigulevskii, T P Razbegaeva Trudy Bot Inst Ser 5 no 8 28-31 '61

Methods for determining the essential oil content of eugenol basil. I. I Aleshina, N L Gurvich, V S Tishkova Masl.-zhir prom 27 no. 7:34-36 Jl '61

ESTERIFICATION

Interesterification of methyl phosphonites. K A. Petrov, E E Nifant'ev, R G. Gol'tsova Zhur ob khim 31 no 7 2367-2370 Jl '61.

Interesterification of monoethyl methylphosphinite with glycols K. A Petrov, E. E. Nifant'ev, R. G. Gol'tsova Zhur ob. khim. 31 no. 7 2370-2373 Jl '61

ESTERS

Catalytic hydrogenation of esters. N. I. Shuikin, I. F. Bel'skii, V M Shostakovskii Dokl AN SSSR 139 no. 3: 634-636 Jl '61.

Free radical addition of esters of dicarboxylic acids to α-olefins, and the synthesis of esters of α-alkyldicarboxylic acids G I. Nikishin, IU N. Ogibin, A D. Petrov Izv. AN SSSR Otd khim. nauk no. 7 1326-1330 Jl '61

Interaction between titanium tetrachloride and chloromethyl acetate and ethyl stearate IU. A Lysenko, O A. Ostpov Zhur neorg khim 6 no 7:1656-1661 Jl '61

Peresters as initiators of the polymerization of vinyl compounds G A. Nosaev, R. N Stepanova, O. P. Samarina. Plast. massy no. 7:8-12 '61

ESTONIA—BOOKSELLERS AND BOOKSELLING

At the Conference of Estonian booksellers. Sov. knizh. torg 13 no 6 3 Je '61.

ESTONIA—BOOKSTORES

Bookstores in Estonia. Sov. knizh. torg. 13 no. 6:24-25 Je '61.

ESTONIA—DAIRY CATTLE—FEEDING AND FEEDS

Sugar beets used for feeding dairy cattle in Estonia [with summaries in English, German, and French]. A. Muuga. Vest. sel'khoz. nauki 6 no. 7:60-71 Jl '61.

ESTONIA—ECONOMIC POLICY

On the problem of rational economic relations. A. Veimer. Plan. khoz. 38 no. 8:8-14 Ag '61.

ESTONIA—EDUCATION, PRESCHOOL

Individuality of the child. E. E. Lootsar Doshk. vosp. 34 no 7 19-23 Jl '61

ESTONIA—LANDSCAPE GARDENING

Whose yard will be better? G. Trofimov. Zhil.-kom khoz 11 no 6:9-10 Je '61

ESTONIA—PIGEONS

Ecology of the ringdove in Estonia. V. A. Zheinin. Ornitologiia no. 2:135-137 '59.

ESTONIA—SHOE INDUSTRY

The supply of footwear has improved. N. Kavelich. Sov. torg 34 no. 6:38-39 Je '61.

ESTONIA—STATISTICS

Estonian S. S. R. Statistikavalitsus. [Achievements of Soviet Estonia during twenty years] Dostizhenila Sovetskoi Estonii za 20 let; statisticheskii sbornik. Tallin, Estonskoe gos. izd-vo, 1960, 175 p. (DS)

ETCHING

Theory of dissolution of the inhomogeneous surface of a solid [with summary in English]. A. N. Orlov, S. N. Fishman. Zhur. fiz. khim 35 no 7 1529-1533 Jl '61.

Using deep etching for removing decarbonized layer from metal surface. IA. S. Volonskii, A. I Aleksandrov. Sbor. rats predl. vnedr. v proizv. no 2:26-27 '61.

ETHANE

Synthesis of polycarbonates and epoxide resins based on 2,2-(4,4'-dihydroxy)-diphenylethane. V. L Vaiser, V. D. Raibov, B. M. Bolotin. Khim. prom. no. 6, 468-469 Jl '61.

Temperature dependence of the rate of direct and inverse low-temperature polymorphic transitions of hexachloroethane G. V. Sakovich. Izv. vys. ucheb. zav.; fiz. no. 2: 149-155 '61.

ETHANE—MOLECULAR ROTATION

Potential barriers of internal rotation in alkanes [with summary in English]. IU. G. Papulov, V. M. Tatevskii. Zhur fiz. khim. 35 no. 7:1586-1592 Jl '61.

ETHANE—SPECTRA

Absorption spectra of diphenylmethane and diphenylethane derivatives containing nitro and amino groups in the different rings. V. A. Izmail'skii, V. A. Glushchenkov Dokl AN SSSR 139 no. 2:373-376 Jl '61

ETHERS

Alkylation of phenolic ethers with olefins in the presence of cation exchange resins as catalysts. V I Isagulianta, E V Panidi. Zhur prikl. khim. 34 no 7 1578-1582 Jl '61.

ETHICS see subdivision under Azerbaijan

ETHNOLOGICAL MUSEUMS AND COLLECTIONS

Potapov, L. P. [Basic principles of exhibition in the ethnographic museums of the U. S. S. R.] Osnovnye printsipy ekspozitsii v etnograficheskikh muzeiakh SSSR. Moskva, 1960. 19 p. (CLU)

ETHNOLOGY

(see also subdivision under Abkhazia; Asia, Siberia, Soviet Central Asia)

Gantskala, O. A. [Russian historico-ethnographic atlas] Russkii istoriko-etnograficheskii atlas. Moskva, 1960. 10 p. (CLU)

Kruglanskaia, V. IU. [Principal problems in the ethnographic study of the peoples of the U. S. S. R.] Osnovnye problemy etnograficheskogo izucheniia narodov SSSR. Moskva, 1960. 18 p. (CLU)

Tolstov, S. P. [Basic theoretical problems of contemporary Soviet ethnography] Osnovnye teoreticheskie problemy sovremennoi sovetskoi etnografii. Moskva, 1960. 26 p. (CLU)

ETHNOLOGY—BIBLIOGRAPHY see Bibliography—Ethnology

ETHYL ALCOHOL

Change in the structure of titanium gel catalysts in ethyl alcohol dehydration M. A. Ptonkovskaia and others Ukr. khim. zhur. 27 no. 4:447-454 '61.

ETHYL ALCOHOL—SPECTRA

Study of the microwave spectrum of the C_2H_5OH molecule. L. M Imanov, Ch O Kadzhar. Izv AN Azerb. SSR Ser fiz.-mat i tekh. nauk 2:51-53 '61.

ETHYLENE

Alkylation of tetrahydrofuran by ethylene. N. I. Shuikin, B. L Lebedev. Dokl. AN SSSR 139 no 1:131-133 Jl '61.

Condensation of formaldehyde with perfluorinated olefins: tetrafluoroethylene, hexafluoropropylene, and trifluorochloroethylene B L Diatkin, E P. Mochalina, I L. Knunlants. Dokl AN SSSR 139 no. 1:105-108 Jl '61.

Determination of microimpurities in pure ethylene intended for the production of polyethylene A V. Alekseeva, K. A. Gol'bert. Zav. lab. 27 no 8:972-975 '61

Process of swelling poly(vinyl chloride) resins. V. N. TSvetkov, L F. Kanaveta, M. P Polikanova. Plast massy. no. 7:3-8 '61.

Rearrangement occurring in the process of the thermal telomerization of ethylene with silicon hydrides. R Kh Freidlina and others Izv. AN SSSR Otd. khim. nauk no. 7 1258-1261 Jl '61

Telomerization of ethylene with polychloroalkanes containing a CCl_2 Br group. V. N Kost, R. Kh. Freidlina Izv. AN SSSR, Otd. khim. nauk no. 7: 1252-1256 Jl '61

Vinylidene fluoride (from "Modern Plastics," no. 11, 1960). Plast. massy no. 7:73 '61.

ETHYLENE OXIDES

Determination of ethylene oxide, epichlorhydrin, and ethylene glycol in air analysis. E. Sh Gronsberg. Khim. prom no. 7, 508-509 Jl '61.

ETHYLENIMINE

Combined effect of chemical and physical factors in the selection of erythromycin producers. V. G. Zhdanov. Trudy Inst. mikrobiol. no. 10:164-168 '61.

Interaction of ethylenimine with a trimer of phosphonitrile trichloride. A. A. Kropacheva, L. E Mukhina. Zhur. ob. khim. 31 no. 7:2437 Jl '61.

Reaction of ethylenimine with carbonyl compounds. R. G. Kostianovskii. Dokl AN SSSR 139 no. 4:877-879 Ag '61

Use of ethylenimine in the selection of the produce of vitamin B_{12}. N. I. Zhdanova. Trudy Inst. mikrobiol. no. 10:154-156 '61.

ETIOLATION

Chlorophyll synthesis in darkness in angiosperms with partially shaded green leaves. T. N. Godnev, R. M. Rotfarb. Biul. Inst. biol. AN BSSR no. 5 109-112 '60.

ETRURIANS

"Etrurians in Northern Italy" by N. N. Zalesskii. Reviewed by S. I. Kovalev, I. L. Maiak Vest. drev. ist. no. 2:109-115 '61.

ETRUSCANS see Etrurians

EUCOMMIA

Microbiological maceration of Eucommia leaves. Part 3: Disintegration of gutta and resins in the process of fermentation of the leaves [with summary in English]. M. B. Kupletskaia, V. M. Kuznetsova, S. V. Zhukova. Mikrobiologiia 29 no. 2:259-265 Mr-Ap '60.

EUGENICS

In the service of the doomed class. A. Rachkov. Smena 38 no 9 23 My '61.

EUROPE—ECONOMIC CONDITIONS

Two worlds in Europe. Mezhdunar. zhizn' 8 no. 8:132-134 Ag '61.

EUROPE—TRADE UNIONS—CONGRESSES

Struggle for the forty-hour workweek. Jan Weitzler. Vsem prof dvizh. no 6:29-43, 51 Je '61

EUROPE, EASTERN—ARCHITECTURE

New developments in architecture in the people's democracies L. Kirillova. Sov. arkhit. no. 12:111-126 '60.

EUROPE, EASTERN—EDUCATION—PERIODICALS

From the pages of foreign periodicals. IA. Ginevskii. Sov. pedag 25 no 7:142-147 Jl '61

EUROPE, EASTERN—FOREIGN ECONOMIC RELATIONS

Poltenko, A. M. [Long term economic agreements among the European socialist countries] Dolgosrochnye ekonomicheskie soglasheniia mezhdu evropeiskimi sotsialisticheskimi stranami. Moskva, Vneshtorgizdat, 1960. 54 p.

EUROPE, EASTERN—PRICE REGULATION

Some problems concerning price regulation in the European people's democracies A. F. Alekseev Vest Mosk un Ser 8 Ekon., filos. 16 no 4 25-35 Jl-Ag '61

EUROPE, WESTERN—FOREIGN EXCHANGE

"Foreign exchange problems of Western Europe" by A. V. Anikin. Reviewed by A. Smirno. Mir. ekon. i mezhdunar. otn. no. 8:163-165 Ag '61.

EUROPE, WESTERN—GEOLOGY, STRATIGRAPHIC

Zonal subdivision of the lower Volga stage its correlation with the Bononian and Portlandian stages of northwestern Europe. N. P. Mikhailov. Trudy VNIGNI no. 29 vol. 2:56-63 '61.

EUROPE, WESTERN—ISLAMIC STUDIES

Some features of the West European Islamic studies during the period of imperialism M. A Batunaili. Obshchestv. nauki v Uz. no 5:35-40 '61.

EUROPE, WESTERN—LANGUAGES—STUDY AND TEACHING

Teaching foreign languages in the countries of Western Europe. I. Rakhmankulova. Nar. obr. no. 8:83-85 Ag '61.

EUROPE, WESTERN—PRODUCTION STANDARDS

Piecework norms in the industry of the U. S. A., France, Great Britain, and West Germany. P. M. Orlov. Mashinostroitel' no. 8 24-26 Ag '61.

EUROPEAN COMMON MARKET

"Denmark is for sale." P. Kubov, V. Nikolaev. Mezhdunar zhizn' 8 no 9:116-118 S '61.

New victim of the "Common Market." L. Tiurina. Mir. ekon. i mezhdunar. otn. no. 8:107-110 Ag '61.

EUROPEAN FEDERATION

"Europe will not wait" [in English] by Anthony Nutting; "The future of the Austrian economy" and "Austria and European integration" [both in German] by Franz Nemschak. Reviewed by A. Shebanov. Mir. ekon. i mezhdunar. otn. no. 8:146-150 Ag '61.

EUROPEAN WAR, 1914-1918—FINANCE

"The state of Russian finances during the First World War, from 1914 to 1917" by A L. Sidorov Reviewed by P. V. Volobuev, B. B. Rivkin Vop ist. no. 8:141-150 Ag '61.

EUROPEAN WAR, 1914-1918—PERSONAL NARRATIVES

Mokin, V. V. [From the Stokhod to the Crimea; an officer's notebook] Ot Stokhoda do Kryma, zapiski ofitsera. Simferopol', Krymizdat, 1960. 63 p. (MH)

EUTECTICS

Quasieutectic structure of liquid eutectics. G. M. Bartenov. Izv. AN SSSR, Otd. tekh. nauk. Met. i topl. no. 3: 136-140 My-Je '61.

X-ray study of the structure of liquid metal alloys of systems with one eutectic. A. S. Lashko, A. V. Romanova. Izv AN SSSR Otd. tekh. nauk. Met. i topl. no. 3: 135-138 My-Je '61.

EVAPORATION

Potential of the mass spectrometric method in studies of the thermodynamics of vaporization [with summary in English]. L. E. Levina. Zhur. fiz. khim. 34 no. 2:456-459 F '60.

Results of observations of evaporation from the snow cover in the Trans-Ili Ala-Tau. I. S. Sosedov, L. N. Filatova. Meteor. i gidrol. no. 8:33-35 Ag '61.

EVENING AND CONTINUATION SCHOOLS
(see also subdivision under Chelyabinsk; Dnepropetrovsk)
All possibilities are here. Smena 38 no 11-4 Je '61
Let's expand the network of evening schools. G. Burmistrov Prof.-tekh.obr. 18 no 6 17-18 Je '61
Let's inculcate progressive experience into the masses. N. Krasnoselskikh. Prof.-tekh obr. 18 no. 6 31 Je '61

EVICTION
[In what cases can a tenant be evicted by legal procedure] V kakikh sluchaiakh vozmozhno vyselenie v sudebnom poriadke. Moskva, Gos izd-vo jurid. lit-ry, 1961. 49 p. (IUridicheskie konsul'tatsii dlia naselenia v voprosakh i otvetakh, no 15)

EVIDENCE (LAW)
Kaz, TS. M. [Evidence in Soviet criminal procedure] Dokazatel'stva v sovetskom ugolovnom protsesse. [Saratov] Izd-vo Saratovskogo univ. 1960. 104 p.

EVIDENCE, DOCUMENTARY
Using electron-beam selectors in the spectrophotometric analysis of material evidence A. A. Eisman, IU. A. Malyshev Sov. krim. na sluzh. sled no 13:3-34 '59

EVIDENCE, EXPERT
Special features of the criminal examination of the imprints of seals and stamps made with one set of type or matrix. E. B. Mel'nikova, L. G. Edzhubov. Sov. krim. na sluzh. sled no 13:95-106 '59

EVOLUTION
Darwin, Erasmus. [The temple of nature. Translated from the English. Preface by E. N. Pavlovskii] Khram prirody. Izd. 2., dop. Moskva, Izd-vo Akad. nauk SSSR, 1960. 259 p.
"Darwinism and philosophy." Reviewed by Z. V. Kaganova. Vop. filos. 15 no 7:173-175 '61
How Darwinism solves the problem of the relation of man to living organisms [with summary in English, p 185] M. N. Chechin. Vop. filos. 15 no 7:88-97 '61
I. I. Mechnikov. "Academic collection of works." Vol 4. Articles on problems of evolutionary theory. Reviewed by L. V. Kel'shtein Vest. AMN SSSR 16 no 7 92-94 '61.
Principles of interrelationship in the historical and individual development of domestic animals. S. N. Bogoliubskii. Biul. MOIP, Otd. biol. 66 no. 4 153-154 Jl-Ag '61.

EWES see subdivision under Aktyubinsk Province

EWES—PHYSIOLOGY
Cholesterol fluctuations in the blood of pregnant ewes [in Armenian with summary in Russian] A. M. Manvelian, A. B. Akunts Izv. Upr. sel'khoz. nauki Arm. SSR 4 no 2 91-96 '61

EXAMINATIONS
(see also subdivision under Kiev)
First examination papers. G. Sidorin. Prof.-tekh. obr. 18 no. 6:25 Je '61

EXCAVATING MACHINERY
(see also subdivision under Kovrov)
Calculation of the operating conditions of bucket excavators V. P. Lomakin. Izv. vys. ucheb. zav., elektromekh. 4 no. 6, 91-102 '61
Experimental study of the boom of the ESh-14/75 excavator. V. A. Riakhin, V. N. Bakaleev, M. S. Balakhovskii. Izv. vys. ucheb. zav.: stroi. i arkhit. 4 no. 2:
y of the teeth of rotary excava-
d others Stroi truboprov. 6
Mekh. stroi.
[illegible] the reverse mechanism on E-502 and E-754 excavators. V. I. Kirtok. Stroi. i dor. mash. 6 no 6: 24-25 Je '61.
Operating E-505 excavators. A. Bykov. Mekh. stroi. 18 no 5:22 My '61.
Performance of crawler tractors with mounted excavating machinery. B. S. Sinitsyn. Trakt. i sel'khozmash. 31 no. 2:10-12 F '61.
Unit for digging electric light pole holes. Sel'. stroi. 16 no. 6:26 Je '61.
Use of narrow trenches. A. I. Fabrikov. Sbor. trud. IUzhNIIGiM no. 8:263-265 '58.

EXCAVATING MACHINERY—ELECTRIC DRIVING
Industrial testing of the electric drives for medium-power excavating machinery using a generator-motor circuit with controlled excitation. V. I. IAkovlev, IU. D. Kaputsov. Izv. vys. ucheb. zav., elektromekh. 4 no. 5: 96-105 '61.

EXCAVATING MACHINERY—EXHIBITIONS
Excavators at the exhibition in Paris. V. A. Chereshnev, V. M. Kazarinov. Mekh. stroi. 18 no. 5:27-31 My '61.

EXCAVATING MACHINERY—VIBRATION
Investigating the vibration of the ditching machine. A. A. Dubrovskii. Trudy VIM 27:241-263 '60.

EXCAVATION
At the sea bottom. P. Babenko. Smena 38 no. 11-12 Je '61
They shortened the time required for excavation P. V. Nazarov. Transp. stroi. 11 no. 7-6-7 Jl '61
Working a rock excavation with scrapers. E. M. Braslavskii, A. P. Degtiarev. Mekh. stroi. 18 no 7-19-23 Jl '61.

EXCAVATIONS (ARCHAEOLOGY) see subdivision under Mongolia; Nukus region, Odessa Province

EXCITONS
Effect of the loss of momentum and energy by a photon in the generation of annihilation of an exciton E. F. Gross Fiz. tver. tela 3 no 6 1899-1902 Je '61.
Electrodynamics of crystals and exciton theory. V. L. Ginzburg, A. A. Rukhadze, V. P. Silin Fiz. tver. tela 3 no 6 1835-1850 Je '61
Faraday effect on excitons [with summary in English]. I. P. Ipatova, R. F. Kazarinov. Zhur. eksp. i teor. fiz. 41 no 1 209-210 Jl '61
Possible existence of magnetic dipole lines in the exciton absorption spectrum. A. G. Zhilich, V. I. Cherepanov, IU. A. Kargapolov. Fiz. tver. tela 3 no 6 1812-1814 Je '61.

EXCITONS—SPECTRA
Quadrupole absorption and the optical lifetime of the ground state of excitons in a Cu_2O crystal E. F. Gross, A. A. Kaplianskii Dokl. AN SSSR 139 no 1: 75-78 Jl '61.

EXECUTIVES
The role of Soviet workers in the formation of the managerial class in socialist industry, from 1917 to 1936 V. Z. Dobizhev Ist. SSSR 5 no. 4:55-75 Jl-Ag '61.

EXERCISE
Changes in the working capacity of unfatigued human muscles due to previous dynamic work of other muscle groups [with summary in English]. K. K. Vrochyns'kyi Fiziol. zhur. [Ukr.] 7 no 1:503-506 Jl-Ag '61.
Investigation of gas exchange in irradiated animals performing muscular work I. V. Bondarenko. Radiobiologiia 1 no. 2:242-246 '61.
Mechanism of changes in the protein fractions of the blood serum in dogs during heavy muscular stresses [with summary in English]. H.H.Didenko. Fiziol. zhur. [Ukr.] 7 no. 4:507-513 Jl-Ag '61.
Oxyhemoglobinometry, blood circulation rate and pulmonary ventilation in school children at the age of 10-12 years during muscular work. G. F. Ksenevich. Sbor. stud. nauch. rab. Nauch. stud. ob-va IAr. gos. ped. inst. no. 3:104-110 '59.

EXERCISE THERAPY
(see also subdivision under China)
Use of exercise therapy and massage for patients with residual phenomena following removal of an arachnoendothelioma of the brain N. A. Belaia, N. F. Sokolova, K. V. Pokrovskaia Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 3 246-248 My-Je '61.

EXHAUST SYSTEMS
Pipes for the exhaust of highly corrosive gases. B. D. Trinker. Prom. stroi. 39 no. 7:47-51 '61.

EXHIBITION BUILDINGS—LIGHTING
A[illegible]
[illegible]
ektirovaniiu estestvennogo osveshcheniia ekspozitsionnykh pomeshchenii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 53 p.

EXHIBITIONS see subdivision under London; Moscow; Paris; Tokyo

EXPENDITURES, PUBLIC
Komarov, V. E. [Public service funds under socialism] Fondy obshchestvennogo potrebleniia pri sotsializme, Moskva, Gos. izd-vo polit. lit-ry, 1961. 45 p. (V pomoshch' izuchaiushchim politicheskuiu ekonomiiu)

EXPERIMENTAL PSYCHOLOGY see Psychology, Physiological

EXPERT EVIDENCE see Evidence, Expert

EXPERIMENTAL MEDICINE see Medicine, Experimental

EXPLORERS
Dibrova, Ol. T. [Prominent Russian geographers, explorers, and seafarers] Vydatni vitchyzniani geografy, mandrivnyky ta moreplavtsi. Za red. O. T. Dibrovy. Kyiv, "Radian'ka shkola."
No. 3, 1954. 1 v.
(NN)

EXPLOSIONS
Air shock wave in the detonation of a cylindrical charge of great length. M. A. TSikulin. PMTF no. 3:188-193 S-O '60.
Detonation of mixtures of nitromethane with acetone. A. N. Dremin, O. K. Rozanov Dokl. AN SSSR 139 no 1:137-138 Jl '61
Directed earthmoving by means of explosives. V. M. Kuznetsov, M. A. Lavrent'ev, E. N. Shcherbakov, P.M.T.F. no 4 45-50 N-D '60.
Initiation of detonation in gases in rough tubes V. S. Babkin, L. S. Kozachenko. PMTF no. 3:165-174 S-O '60.
Motion-picture investigation of underground explosions L. K. Belopukhov PMTF no. 4:51-54 N-D '60.
Refraction of detonation waves incident on the boundary line between two gaseous mixtures. B. G. Gvozdeva Zhur. tekh. fiz. 31 no. 6,731-739 Je '61
Shape of the explosion crater in a surface detonation V. M. Kuznetsov. PMTF no. 3:152-156 S-O '60.
Spin-type stationary detonation. B. V. Voitsekhovskii PMTF no. 3:157-164 S-O '60

EXPLOSIVES
Calculating the parameters of the detonation wave for condensed explosives. A. IA. Apin, L. M. Voge[illegible] PMTF no. 4,54-55 N-D '60.
Pressure dependence of the combustion velocity of explosives [with summary in English]. A. F. Chaikovskii, I. A. Tereshkin Zhur. fiz. khim. 35 no. 7,1647 1654 Jl '61.
Relation between shock sensitivity and the inflammation temperature of explosives. L. G. Bolkhovitinov Zhur. fiz. khim. 34 no. 2:470 F '60.

EXPLOSIVES, MILITARY
And the echelons passed again. A. Dolgikh. Starsh. serzh. no 4 17 Ap '61.

EXPORT CREDIT
State guaranties of export credits in capitalist countries [with English summary in insert] V. Mogutin. Vneshn. torg 41 no. 7 25-31 '61.

EXTINCT ANIMALS
(see also subdivision under Azerbaijan)
Searching for extinct animals. Sylvain Dorian. V mire zhivotnykh mira no. 8:81-89 Ag '60.

EXTINCT BIRDS see Birds, Extinct

EXTRACTION APPARATUS
Testing ND-1000 extractors under intensified heat V. I. Serdiuk. Masl.-zhir. prom. 27 no 7-30-[illegible]

EXTRACTION (CHEMISTRY)
Distribution of carboxylic acids between water and kerosine. N. M. Adamskii, S. M. Karpacheva. Radiokhimiia 3 no 3:284-290 '61
Effect of saturated monatomic alcohols and ethers on the extraction of U^{VI}, Pu^{IV}, Zr^{IV}, Ce^{III}, and Np^{V} with tri-n-butyl phosphate from nitric acid [illegible] V. B. Shevchenko and others. Radiokhimiia 3 no. 4 503-506 '61.
Effect of temperature on the extraction of uranyl nitrate and tetravalent plutonium with mixed solvents V. B. Shevchenko, I. A. Fedorov, V. S. Smelov Radiokhimiia 3 no 3:256-260 '61.
Evaluating the design and performance of an extractor according to the equilibrium curve of cake benzene V. A. Maslikov. Izv. vys. ucheb. zav.; pishch. tekh. no. 2:108-114 '60.
Extraction of cesium with carboxylic acids S. M. Karpacheva, N. M. Adamskii, V. V. Borisov Radiokhimiia 3 no. 3:272-283 '61
Extraction of iron(III) with carboxylic acids. S. M. Karpacheva, N. M. Adamskii, V. V. Borisov. Radiokhimiia 3 no. 3:291-294 '61
Extraction of polonium of various valences. I. P. Alimarin, N. I. Ampelogova. Radiokhimiia 3 no. 3 261-271 '61
Investigation of complex formation in nonaqueous solutions Part 3: Determination of the thermodynamic characteristics of the systems: water - tributyl phosphate - benzene, and water - butyl acetate - benzene A. A. Chalkhorskii and others. Radiokhimiia 3 no 3 295-301 '61
Theory of the diffusion extraction of substances from porous bodies. Part 3: Kinetic nonequivalence of the pores [with summary in English]. G. A. Aksel'rud Zhur. fiz. khim. 34 no. 2:278-286 F '60.

EYE
Improving the technic of photographing optic sections of the cornea and crystalline lens [with summary in English]. I. A. Viazovskii. Oft. zhur. 16 no. 4:227-230 '61.
Increase in the amount of protein in the moisture of the camera oculi anterior following action of ionizing radiation on the body [with summary in English] N. I. Arlashchenko. Oft. zhur. 16 no. 4:233-237 '61.

EYE—ACCOMODATION AND REFRACTION
Dark adaptation in drowsiness. V. I. Kopanev. Voen.-med. zhur. no. 8:76-81 Ag '60.

EYE—BLOOD SUPPLY
Influence of mitotics on vascular permeability of the anterior chamber of the eye in rabbits under normal conditions and following exclusion of the ocular nerves. A. A. Pshenichnova. Fiziol. zhur. 46 no. 3:344-348 Mr '60.

EYE—CARE AND HYGIENE

Dantsig, H.M. [Hygiene of vision in school children] Gigiena zrenila uchashchikhsia shkol. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 70 p. (Biblioteka srednego medrabotnika) (DNLM)

"Hygiene of vision in school children" by D. M. Belostotskaia. Reviewed by V Paramei Oft zhur 16 no. 4 254 '61.

EYE—DISEASES AND DEFECTS

Filatov, V. P. [Selected works in four volumes] Izbrannye trudy v chetyrekh tomakh. Kiev, Izd-vo Akad. nauk USSR.
Vol. 1. 1961. 466 p.
Vol. 2. 1961 440 p.
Vol. 3. 1961. 368 p.
[MICROFILM]

"Glaucoma" by M G Rabinovich. "Diseases of the eyes in old age" by V. V Ivanov Reviewed by I. K Riakhovskaia Fel'd i akush 26 no 7 63 Jl '61

Local use of cortisone in eye diseases [with summary in English]. L. P. Zakharchenko Oft. zhur. 16 no. 4, 209-213 '61

Plitas, P. S. [Ophthalmoscopic atlas; manual for physicians and students] Oftal'moskopicheskii atlas, rukovodstvo dlia vrachei i studentov. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 224 p. (DNLM)

Prevention of occupational diseases of the eye M K Briantseva Vest AMN SSSR 16 no. 7 47-50 '61.

EYE—EXAMINATION

Norms for diastotonometric curves [with summary in English]. L. S. Mel'nik. Oft. zhur. 16 no 4 221-227 '61.

EYE—INNERVATION

Influence of mictics on vascular permeability of the anterior chamber of the eye in rabbits under normal conditions and following exclusion of the ocular nerves. A. A. Pshenichnova. Fiziol. zhur. 46 no. 3:344-346 Mr '60.

EYEGLASSES

Galkin, N. N. [Manual on the selection of spectacles] Posobie po podboru ochkov. Izd. 2., ispr. i dop. [Leningrad] Medgiz, 1960. 183 p. (Biblioteka prakticheskogo vracha) (DNLM)

EYELIDS—DISEASES

Surgical treatment of Marcus Gunn's syndrome. V. G. Abramov, M. A. Perevozentseva. Oft. zhur. 16 no 4. 248-249 '61

EYELIDS—WOUNDS AND INJURIES

Burns of the eyelids from napalm. N. A. Ushakov. Voen.-med zhur. no. 8:50-53 Ag '60.

FABRICS, CREASE-RESISTANT see Crease-resistant fabrics

FABRICS, NONWOVEN see Nonwoven fabrics

FAÇADES

Mechanized plastering of facades. G. Shchitov Zhil.-kom. khoz 11 no. 7 16, 18, 19, 21 Jl '61.

FACTORIES see subdivision under Novyye Cheremyshki

FACTORIES—DESIGN AND CONSTRUCTION
(see also subdivision under Baghdad, Great Britain; Moscow, White Russia)

Constructing the industrial building of a bearings plant. S. I Grinman. Prom. stroi 39 no. 5:50-58 '61.

Distribution and standardization of industrial construction I. Magidin. Sov. arkhit. no. 12:7-16 '60.

Experimental plans for an arch-type building. Iu. A. Filseev. Strol i arkhit Len. 23 no 7:23 Jl '61.

General-purpose industrial buildings need new types of foundations. N. P. Shalamov. Prom. stroi. 39 no. 6: 44-48 '61.

Individual floor plans for industrial buildings. N. S. Streletskii. Prom. stroi. 39 no. 7:6-13 '61.

Industrial building with a second story between the trusses. A D. Glukhovskii Prom. stroi 39 no. 6. 23-26 '61.

Industrial enterprises with an open or semi-open distribution of equipment. V. V. Burgman, S. G. Chernobai. Prom. stroi. 29 no. 6:19-23 '61.

Instructions for designing meat combines. Mias. ind. SSSR 32 no. 2, 29-30 '61.

Large industrial building made of precast reinforced concrete G. P. Malkov, S. M. Glinik. Prom. stroi. 39 no. 5:31-36 '61.

New ideas for buildings for service and auxiliary areas. V. V. Blokhin, Iu. V. Bresenevich. Prom. stroi. 39 no. 6:40-44 '61.

New types of administrative buildings for industrial enterprises. V M. Baranov, A. V. Pen'kov. Prom. stroi. 39 no. 5:37-40 '61.

New types of industrial buildings. M. Ostrovskii. Sov. arkhit. no. 12:17-25 '60.

Sectional principle of block construction should be introduced into the practice of standard planning and construction of light industry and foodstuffs enterprises. N. N. Kim. Prom. stroi. 39 no 6 14-19 '61

Standards for colors in industry. Okhr truda i sots. strakh 4 no. 6 46-47 Je '61

What were the results of the contest for factory designs in the meat industry? N. Churilkin. Mias. ind. SSSR 32 no 2 23-29 '61

FACTORIES—LIGHTING

Evaluation of the economic effectiveness of using light openings. B. T. Elagin. Izv. vys. ucheb. zav.: strol. i arkhit. 4 no. 2, 133-138 '61.

FACTORIES—MAINTENANCE AND REPAIR see subdivision under Moscow

FACTORIES—SAFETY MEASURES

Vigilant eye. M. Bondin. Mest. prom. i khud promys. 2 no. 6:18-19 Je '61.

FACTORY LIBRARIES
(see also subdivision under Vladimir)

Kryzhanovskaia, Z. P. [Dissemination of technical literature in libraries of industrial enterprises] Opyt raboty po propagande tekhnicheskoi literatury bibliotekoi promyshlennogo predpriiatiia. Leningrad, 1961. 22 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Seriia: Metodika postanovki nauchno-tekhnicheskoi informatsii i propagandy)

This is the communist way P. Obloga Nauka i zhyttia 11 no 6 34-35 Je '61.

FACTORY MANAGEMENT

Economy of grams savestons. P. Morozov. Sov. profsoiuzy 17 no 14:13 Jl '61.

FADEEV, ALEKSANDR ALEKSANDROVICH, 1901-1956

Fadeev, A. A. [Letters to Far East friends; reminiscences on A. Fadeev] Pis'ma dal'novostochnikam. A. Fadeev v vospominaniiakh. Vladivostok, Primorskoe knizhnoe izd-vo, 1960. 631 p.

FALCONS see subdivision under Backhyz

FALLING STARS see Meteors

FALLOWING

Bilyk, D. P., V. L. Kaliberda, and L. V. Tomchenko. [Corn in green fallows] Kukurudza v zaniatykh parakh. [Odesa] Odes'ke knizhkove vyd-vo, 1960. 55 p. (DA)

[Green fallows] Zaniatye pary. [Moskva] Mosk. rabochii, 1961. 15 p. (Bibliotechka polevoda) (DA)

Shebanin, I. V. [What we gain from green fallows] Chto daiut zaniatye pary. [Tula] Tul'skoe knizhnoe izd-vo, 1960. 21 p. (Bibliotechka polevoda) (DA)

FANFANI, AMINTORE, 1908-

Amintore Fanfani. Nov. vrem. 19 no. 33:23 Ag '61.

FANS, ELECTRIC

Constructive solution for supporting structures of ventilators. F. M. Gitman and others Vod i san tekh. no 2, 31-32 F '61.

FANS, ELECTRIC—TECHNOLOGICAL INNOVATIONS

Reconstruction of mill ventilators. A. P. Leonov. Shor. rats predl. vnedr v proizv. no 1:44 '61.

FANS, MECHANICAL see subdivision under Bulgaria

FANTASTIC FICTION

Against antiscientific fiction. IU. V. Lepilnskii. Priroda 50 no 8:118-119 Ag '61.

FAR EAST—FOREIGN RELATIONS—GREAT BRITAIN

"English policy in the Far East; from September 1939 to December 1941" by V. N Egorov. Reviewed by D. I. Goldberg. Vop. ist. no. 7:160-161 Jl '61.

FAR EAST—WORLD WAR, 1939-1945

Victory which determined the outcome of the war with Japan. G. Shelakhov. Voen. vest. no. 9:18-24 S '60.

FAR EAST, SOVIET see Soviet Far East

FARADAY EFFECT

Faraday effect on excitons [with summary in English]. I. P. Ipatova, R. F. Kazarinov. Zhur. eksp. i teor. fiz. 41 no. 1:209-210 Jl '61.

FARKHAD RESERVOIR—FISHERIES

Farkhad Reservoir. V. E. Ozhegova, V. A. Maksunov. Izv. VNIORKH 50:243-260 '61.

FARM BUILDINGS
(see also subdivision under Ukraine)

Arched roofs made without forms for farm construction. G. M. Balkanov, I. A. Lukashenko. Strol. mat. 7 no. 7: 18-21 Jl '61.

Economical designs of a standardized farm production building. D. Kiselevich. Na strol. Ros. no. 5:9-11 My '61.

An integrated series of plans for farm buildings and structures. V. Alimov, L. Vrangel', G. Levina. Na strol. Ros. no. 5, 7-9 My '61.

Introduced into construction elements for farm buildings and structures N I Pogorelko, B A. Kovler Strol. mat. 7 no 7 10-12 Jl '61

Russia (1917- R. S. F. S. R.) Ministerstvo sel'skogo khoziaistva. [Collection V-57; repair and construction work in agriculture] Sbornik V-57; remontno-stroitel'nye raboty v sel'skom khoziaistve Moskva, Izd-vo M-va sel'. khoz RSFSR, 1961. 143 p.

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Supplement to part 21 of the manual on consolidated indices of the cost of planning and research; agricultural enterprises, buildings, and constructions] Dopolnenila k chasti 21 spravochnika ukrupnennykh pokazatelei stoimosti proektnykh i izyskatel'nykh rabot, sel'skokhoziaistvennye predpriiatiia, zdania i sooruzhenila. Vvodiatsia v deistvie s 1 aprelia 1961 Moskva, Gos. izd-vo lit-ry po stroit., arkhit i stroit. materialam, 1961. 12 p.

Vasserman, Z. N., and R. T. Smol'iakov. [Economical and simple livestock buildings] Prostelshie i ekonomichnye zhivotnovodcheskie postroiki. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1961 86 p. (DA)

Work of the Building Information Institute in the field of rural construction S F Naumov Izv ASIA no 1:125-127 '61.

FARM BUILDINGS—STANDARDS

New documents on standards. V. Kuzakov. Sel'. stroi. 16 no. 6 30 Je '61.

FARM CROPS see Field crops

FARM LABORERS see Agricultural laborers

FARM MANAGEMENT see subdivision under Krasnodar Territory, Ukraine

FARM MANURE

Removing manure for swine houses. N. Tolstykh. Tekh. v sel'khoz. 21 no. 8:42-43 Ag '61.

FARM MECHANIZATION
(see also subdivision under Lithuania; Soviet Central Asia, Stalingrad Province; Virgin Territory)

Electric power and bread. A. Markin. Tekh. mol. 29 no. 6:1-4 '61.

Honorably welcome the 22d Party Congress! Tekh v sel'khoz. 21 no. 7 1-3 Jl '61.

How to improve the training of machine operators Prof.-tekh obr 18 no 6.10 Je '61

In honor of the 22d Congress of the CPSU. S. Kremer. Tekh. v sel'khoz. 21 no. 8 4-7 Ag '61.

Items from agricultural journals. Tekh. v sel'khoz. 21 no. 7:92-03 Jl '61.

Mechanization of livestock raising is an important factor in introducing the new farm management system I. P. Ul'iankin Dokl i soob. VNIESKH no 4-22-28 '58.

Mechanized swine fattening stations serving several collective farms. O. IA. Kovalenko, U S Vasyl'chenko, I M. Hubko. Mekh. sil' hosp. 12 no 8-21-24 Ag '61.

Nizhegorodov, A. I. [People, machinery, and crop yields] Liudi, tekhnika, urozhai. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 48 p. (DA)

Organizations of the Volunteer Society for Assistance to the Army, Air Force and Navy and training of mechanization specialists. M. Kolpakov. Za rul. 19 no. 5 4 My '61.

Paukov, S. M. [Over-all mechanization of a dairy farm] Kompleksnaia mekhanizatsiia molochnoi fermy. [Moskva] Mosk. rabochii, 1961. 35 p. (Liudi, dela, plany) (DA)

Practical lessons as a basis for developing a skill. A Voninskaia Prof.-tekh. obr 18 no. 6 8-9 Je '61.

Recent developments in the mechanization of feed distribution in dairy barns V. A. Karasenko. Trakt. i sel'khozmash 31 no. 8:26-28 Ag '61.

Reorganizing the integrated brigade of a collective farm. V. Darmakov. Tekh. v sel'khoz. 21 no. 8:7-9 Ag '61.

Transformation of the U. S. S. R., a land of small peasant plots, into the country of the largest and most mechanized agricultural farms in the whole world. E P Zaguinov. Shor. st. Irk VPSH no. 1:71-94 '59.

We shall fulfill our obligations. Za rul. 19 no. 1:2 Ap '61.

FARM MECHANIZATION—STUDY AND TEACHING

Beacons are calling them. V. Lunina Shkola-int. no. 3 35-37 My-Je '61.

Excursion of the fifth graders on the topic "Mechanization of vegetable gardening." P. F. Antonov. Shkola i proizv. 5 no. 7:32-37 Jl '61.

Rural vocational and technical school. E. Sokolov, A. Uskov. Prof.-tekh. obr. 18 no. 7:18-19 Jl '61.

Schools of farm mechanization. Sel'. mekh. no. 7:43 '61.

FARM PRODUCE see subdivision under Poltava Province

FARM PRODUCE—MARKETING
(see also subdivision under Moscow Province, Zelenchukskaya District)

Reorganizing and improving the state purchase of agricultural products Muk.-elev.prom. 27 no 4, 1-2 Ap '61

FARM PRODUCE—TRANSPORTATION

Preparing for the mass transportation of new crops. V. P. Potapov, N. A. Kabashnov. Zhel. dor. transp. 43 no 7 8-12 Jl '61

FARMING, PART-TIME see Part-time farming

FASHION

Autumn and winter fashions of 1961. V. A. Trashchuk. Belarus' 18 no 8,29 Ag '61

FAT

Removing the residues of a solvent from protein tissues degreased by dichloroethane. V. V. Kolchev, N. I. Nikolaeva. Izv. vys. ucheb. zav., pishch. tekh. no 2:67-71 '60

Transformation of fatty substances under the influence of micro-organisms. Part 2: Study of nonsaponifying substances in experiments on microbial decomposition of fats [with summary in English]. V. L. Mokhtieva, G. F. Kondrat'eva, S. B. Malkova. Mikrobiologiia. 29 no 2: 209-214 Mr-Ap '60.

FAT METABOLISM

Characteristics of fat and water balance in the individual development of whitethorn and cabbage butterflies as a form of environmental adaptation. G. M. Strogala. Dokl. AN SSSR. 139 no. 2:474-477 Jl '61.

Dynamics of fat deposition in the life cycle of trematodes. T. A. Ginetsinskaia. Dokl. AN SSSR 139 no 4 1016-1019 Ag '61.

Effect of certain fats on fat metabolism in patients with coronary arteriosclerosis [with summary in English]. O. Kh. Alieva. Vop. pit. 19 no 2 13-17 Mr-Ap '60.

FATIGUE TESTING MACHINES

Methods of recording cyclically changing temperatures and stresses in thermal fatigue tests. S. V. Serensen, P. I. Kotov. Zav. lab. 27 no. 9:1013-1018 '61

FATS see Oils and fats

FATTY ACIDS see Acids, Fatty

FAULTS (GEOLOGY) see subdivision under Soviet Central Asia

FAVORSKII, VLADIMIR ANDREEVICH, 1886-

Wise, passionate, and human art. T. Gur'eva, A. Kamenskii. Kul't. i zhizn' 5 no 7 25-27 '61

FEDCHENKO, ALEKSEI PAVLOVICH, 1844-1873

Uzbekistan. TSentral'nyi gosudarstvennyi istoricheskii arkhiv. [A. P. Fedchenko; collected documents] A. P. Fedchenko, sbornik dokumentov. Tashkent, Goslzdat Uzbekskoi SSR, 1956. 230 p. (Russkie uchenye-issledovateli Srednei Azii, 1)
(MH)

FEDOROVKA DISTRICT—STATE FARMS

"The beacon light" of a district. T. Vecherkina. Part. zhizn' Kazakh. 31 no. 7 28-31 Jl '61

[illegible]

Vibratory bins] Vibrobunkery. 1 p. (Leningradskii Dom nauchno-
andy. Obmen peredovym opytom.
avtomatiki, no. 3)

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Vest.

Conference on microbiological methods for producing fodder proteins. M. M. Makarova, V. IA. Chastukhin. Mikrobiologiia 29 no 2:308-309 Mr-Ap '60

Enriching mixed feeds with fats [with summaries in English, German, and French]. N. A. Smekalov. Vest. sel'khoz. nauki 6 no 7:63-65 Jl '61

How the preparation of feeds affects their vitamin B_1 content [with summary in German]. E. A. Nesterova. Biul. nauch.-tekh. inform. VIZH no. 2 25-29 '58

Pneumatic-tube transportation of feeds. V. Ryzhova, S. Ryzhov. Tekh. v sel'khoz. 21 no 7:33-35 Jl '61

Solntsev, K. M. [Antibiotics in the feeding of farm animals] Antibiotiki v kormlenii sel'skokhoziaistvennykh zhivotnykh. Minsk, Gos. izd-vo BSSR Red. sel'khoz. lit-ry, 1960. 116 p.
(DA)

FEELINGS see Emotions

FELDSPAR

Alkaline feldspars, their phase relationships and optical properties. A. S. Marfunin. Biul. MOIP. Otd. geol. 36 no. 2:133 Mr-Ap '61.

FEMUR—FRACTURES

Treatment of fractures of the femur by the method of intraosseous fixation. F. S. Sikolenko. Voen.-med. zhur. no. 3:70-72 Mr '61.

FEODOSIYA—MACHINERY INDUSTRY—HYGIENIC ASPECTS

The commission visits a workshop. . . I. Shevarikhin. Okhr. truda i sots. strakh. 4 no 7:15 Jl '61

FERGANA—PALYNOLOGY

Spore-pollen complexes in upper Cretaceous deposits of the Fergana trough. K. E. Aristova, Z. N. Poiarkova, N. I. Fokina. Izv. AN Kir. SSR Ser. est. i tekh. nauk 2 no 9 141-148 '60

FERGANA—SERICULTURE

Mistress of a silk thread. M. Kadyrov. Uzbekiston 20 no. 8:4-5 Je '61

FERGANA—WATER SUPPLY

"Water resources of the Fergana Valley, a hydrological survey" by I. A. Il'in. Reviewed by A. G. Trestman. Meteor. i gidrol. no 8,56-57 Ag '61

FERMI SURFACES

Quantum cyclotron resonance in metals. I. M. Lifshits. Zhur. eksp. i teor. fiz. 40 no. 4:1235-1236 Ap '61

Restoring the energy gap in a superconductor with the aid of sound attenuation measurements [with summary in English]. V. L. Pokrovskii, V. A. Toponogov. Zhur. eksp. i teor. fiz. 40 no. 4:1112-1114 Ap '61.

Superfluidity in a Fermi system in the presence of pairs with nonzero angular momentum [with summary in English]. Zhur. eksp. i teor. fiz. 40 no. 4:1124-1127 Ap '61.

Theory of local perturbations in large systems [with summary in English]. V. I. Osherov. Zhur. eksp. i teor. fiz. 40 no. 4:1166-1171 Ap '61.

FERNS

A glossary of some terms relating to the fern leaf (from "Taxon," no. 4, 1960). Bot. zhur. 46 no. 5:736-739 My '61

Spores of true ferns of the subfamily Pteridae Diels in the flora of the U. S. S. R. Report No. 3. Series Pteridae - Adiantinae and Pteridae - Pteridinae. A. N. Sladkov. Nauch. dokl. vys. shkoly, biol. nauki no. 3 112-119 '61.

Survey of certain critical species of the genus Dryopteris Adans. I. A. Mikeladze. Zam. po sist. i geog. rast. no 22:13-18 '61

FERNS, FOSSIL see subdivision under Alma-Ata Province, Pavlodar Province

FERRATES

Characteristics of ferrite phase inverters accomplished on H-wave guides. N. M. Kovtun, A. I. Tereshchenko. Zhur. tekh. fiz. 31 no. 7:834-836 Jl '61.

Reasons for the anomalous widening of the line of ferromagnetic resonance absorption in ferrites near the Curie point. K. P. Belov. Zhur. eksp. i teor. fiz. 40 no. 2:711-713 F '61.

Viscosity and hysteresis properties of manganese iron ferrites containing cobalt at low temperatures [with summary in English]. K. M. Bol'shova, T. A. Elkina. Zhur. eksp. i teor. fiz. 40 no. 5:1299-1301 My '61.

FERROCENE

Properties of phenylferrocene. A. N. Nesmeianov and others. Dokl. AN SSSR 139 no. 4:888-891 Ag '61.

FERROELECTRIC SUBSTANCES

Dispersion in ferroelectrics [with summary in English]. D. G. Sannikov. Zhur. eksp. i teor. fiz. 41 no 1:133-138 Jl '61.

Studying the reorientation of the guanidinium ion in the ferroelectric $C(NH_2)_3 \cdot Al(SO_4)_2 \cdot 6H_2O$ by the nuclear magnetic resonance method [with summary in English]. A. G. Lundin, G. M. Mikhailov, S. P. Gabuda. Zhur. eksp. i teor. fiz. 40 no. 5:1282-1288 My '61.

Theory of barium titanate type ferroelectrics. G. P. Petin. Izv. vys. ucheb. zav., fiz. no. 2 125-131 '61

FERROMAGNETIC RESONANCE

Reasons for the anomalous widening of the line of ferromagnetic resonance absorption in ferrites near the Curie point. K. P. Belov. Zhur. eksp. i teor. fiz. 40 no. 2 711-713 F '61

Resonance of domain boundaries in cobalt ferrite [with summary in English]. T. M. Perekalina, A. A. Askochinskii, D. G. Sannikov. Zhur. eksp. i teor. fiz. 40 no. 2 441-447 F '61.

FERROMAGNETISM

Distribution of the electron density among 3d-shell electrons which account for the ferromagnetism of nickel, cobalt and iron. N. N. Sirota, N. M. Olekhnovich. Dokl. AN SSSR 139 no 4 814-816 Ag '61

Interaction between a magnetic (domain) structure and a dislocation structure in ferromagnetics. I. IA. Dekhtiar, L. G. Madatova. Izv. vys. ucheb. zav., fiz. no 1 63-70 '61

Micromagnetic structure of films produced by cathode sputtering. G. V. Spivak, I. G. Sirotenko, R. D. Ivanov. Zhur. tekh. fiz. 31 no 6 754-756 Je '61.

Study of magnetization processes in one-component and two-component ferromagnetic systems. S. IU. Brodskaia, M. A. Grabovskii. Izv. AN SSSR Ser. geofiz. no 8,1158-1170 Ag '61

Vsesoiuznoe soveshchanie po magnitnoi strukture ferromagnetikov, Krasnoyarsk, 1958. [Materials of the All-Union Conference on Ferromagnetic Substances] Materialy. Novosibirsk, Izd-vo Sibirskogo otd-niia AN SSSR, 1960. 249 p.

FERTILIZATION OF PLANTS

Development of the embryo and endosperm in Mirabilis jalapa L. under conditions of restricted pollination. E. I. Ustinova, M. I. D'iakova, R. N. Schedina. Nauch. dokl. vys. shkoly, biol. nauki no 3:173-179 '61

Effectiveness of various methods used in pollinating cotton [in Armenian with summary in Russian]. A. M. Adzhabian, A. B. Lalaev. Izv. Upr. sel'khoz. nauki Arm. SSR 4 no. 4 63-69 '61.

Pollination selectivity of lemon. N. IA. Lomila. Agrobiologiia no. 4:624-625 Jl-Ag '61.

FERTILIZERS AND MANURES

Dem'ianovich, A. M. [Advice for field crop growers, what one should know about fertilizers and their use] Sovety polevodam; chto nado znat' ob udobreniiakh i ikh primenenii. [Kaluga] Kaluzhskoe knizhnoe izd-vo. No. 1. 1959. 51 p.
(DA)

Foliar feeding of green gooseberry cuttings. N. S. Tikhonovskii. Vestsi AN BSSR. Ser. biial. nav. no. 2 123-124 '61.

[Liquid nitrogen fertilizers and their use; collection of articles translated from foreign periodical literature] Zhidkie azotnye udobreniia i ikh primenenie; sbornik perevodov iz inostrannoi periodicheskoi literatury. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 438 p.

Tashkent. Vsesoiuznyi nauchno-issledovatel'skii institut khlopkovodstva. [Nutrition and biology of cotton] Voprosy pitaniia i biologii khlopchatnika; sbornik nauchnykh rabot. Pod red. M. T. Tadzhievoi. Tashkent, 1960. 181 p.
(CU)

FERTSCH, FRIEDRICH

The "unknown" Fertsch. V. Levin. Sov. volia 43 no. 8 46-47 Ap '61.

FERULA see subdivision under Stalinabad region

FETUS

Regular features in the changeability of the specific weight and volume of tubular bones in the fetus of a horse. I. K. Pereiaslavs'kyi. Visnyk sil'hosp. nauky 4 no. 8:110-111 Ag '61.

Role of endocrine activity of the outer zone of the adrenal cortex in the "feminization" of external sex organs in the human fetus. S. E. Levina. Dokl. AN SSSR 139 no. 4:1012-1015 Ag '61.

FEVER, ENTERIC see Typhoid fever

FEZ, MOROCCO—UNIVERSITIES AND COLLEGES

Most ancient university in the world. I. Khakimov. Az. i Afr. seg. no. 7:48 Jl '61.

FIBER GLASS see Glass fibers

FIBRIN

Method for determining fibrin. V. N. Saperov, G. S. Atamanov. Lab. delo 7 no. 6:7-10 Je '61.

Simple and rapid method for simultaneous determination of the rate of recalcification and fibrin in the blood. R. A. Rutberg. Lab. delo 7 no. 6 6-7 Je '61.

FIELD ARTILLERY see Artillery, Field and mountain

FIELD CROPS
(see also subdivision under Ukraine)

Items from foreign biological publications. Agrobiologiia no. 4:636-638 Jl-Ag '61.

FIELD CROPS — FERTILIZERS AND MANURES [illegible] White Russia

FIELD CROPS — HARVESTING
The present [illegible] during [illegible] V. Vorob'ev [illegible] [illegible] '61

FIELD CROPS — TRANSPORTATION
[illegible] transportation of the harvest [illegible]

FIELD CROPS — TROPICS
Development of annual plants in tropics, [illegible] Agrobiologiia [illegible] '61

FIELD EMISSION
Concerning the theory of field [illegible] [illegible] [illegible] Ag '61

FIELD THEORY
[illegible] [with summary in English] [illegible] '61
[illegible] [with summary in English] [illegible]
[illegible] [with summary in English] [illegible] '61

FIELDWORK (EDUCATIONAL METHOD)
Summer [illegible] '61

FIELDS, ALGEBRAIC
[illegible] '61

FIGHTER PLANES — PILOTING
[illegible] '61
[illegible] '61
Vertical [illegible] '61

FIGURE [illegible]

FILLER
[illegible]

FILM (CHEMISTRY)
[illegible] '61

FILMS, THIN — see [illegible]

FILTERS AND FILTRATION
[illegible] '61
[illegible]
Designing [illegible] filter [illegible]
[illegible] filters [illegible]
Discharge [illegible] systems of filters [illegible]
Effect of [illegible]
Effect of the [illegible] '61
Efficient filtration of [illegible] [with summary in English]. A. I. Ates [illegible] My '61.
Filters made of [illegible] '61
[illegible] filters. V. M. [illegible] '61
[illegible] stainless pipes for [illegible] '61
[illegible] experimental two-layer filters at the [illegible] water supply station for the city of [illegible]. N. A. [illegible] '61.
Washing [illegible] layers of filter media. [illegible]
Work of [illegible] filters [illegible] the thickness of the filtering [illegible] V. M. [illegible] '61

FINANCE
(see also subdivision under: China, Cuba, [illegible], [illegible], Vologda Province, White Russia)
Finances of [illegible] societies. D. A. Allakhverdian [illegible] '60
[illegible] of developing financial control in the [illegible] '60
In the Collegium of the Ministry of Finance of the [illegible] Mr '61
In the Collegium of the Ministry of Finance of the [illegible] Mr '61
[illegible] and improve discipline in the work of [illegible] '61
Lenin's [illegible] of Soviet finance. A. A. [illegible] '60
[illegible] the [illegible] congress of the [illegible] with worthy [illegible] Mr '61
[illegible] for improving the economic work of the [illegible] '61
[illegible] for improving workers' cultural and living [illegible] Je '61

FINANCE — AUDIO-VISUAL AIDS
[illegible] '61

FINANCE — LAW
[illegible], N. A., and M. I. [illegible] [The legal status of officials in charge of [illegible] credit] Pravovoe [illegible] kreditov. Moskva, Gos. [illegible], 1960. 51 p.

FINANCE — STUDY AND TEACHING
[illegible] '61

FINCH [illegible] — see subdivision under: [illegible] region (Alma-Ata Province)

FINE (PENALTY)
[illegible], A. [illegible] [Penalties and fines for the violation of administrative rules] Administrativnaia otvetstvennost' [illegible], Moskva, Gos. izd-vo iurid. lit-ry, 1960. 105 p.

FINGERPRINTS
[illegible]

FINISHES AND FINISHING
[illegible] '61
[illegible] [Practical use of finishing [illegible]] [illegible] Leningrad, [illegible] 487 p.
[illegible], A. [illegible] [Finishing building facades with paste compositions] [illegible] Leningrad, 1961 [illegible]
Preparing [illegible] '61
[illegible] [Decorative finishing of [illegible]] [illegible] Leningrad, 1961. [illegible]

FINISHES AND FINISHING — TESTING
On technical properties of [illegible] '61

FINLAND — DESCRIPTION AND TRAVEL
[illegible] [Meetings in Suomi] Vstrechi v Suomi. Moskva, [illegible], 1960. 417 p. [illegible]

FINLAND — POLITICS AND GOVERNMENT
Present-day news. [illegible] '61

FINLAND — SAWS
Some characteristics of the [illegible] saw frame (from "[illegible]" [illegible], 1960). [illegible] Je '61

FINLAND — TRADE UNIONS
History teaches. A brief study of the history of the trade union movement in Finland" by [illegible]. Reviewed by V. [illegible]. Sov. profsoiuzy 17 no. 14: [illegible] Jl '61.
The state of the trade unions in Finland. Veikko Porasia. Vsem. profdvizh. no. 5:20-21 F '61.

FIR — see subdivision under: Siberia

FIRDMAN, IAKOV BORISOVICH, 1911-
IAkov Borisovich Firdman on the fiftieth anniversary of his birth. Zav. lab. 27 no. [illegible] '61.

FIRE
Rozen, B. IA. [Chemistry of open and hidden fire] Khimiia [illegible]. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 251 p.

FIRE CLAY — see subdivision under: Kola Region

FIRE EXTINCTION
Movable fire extinction equipment. V. [illegible] 21 no. 7 [illegible] '61

FIRE EXTINCTION — WATER SUPPLY
Installing internal water supply pipelines for fire protection in rural areas. [illegible] Mr '61

FIRE PREVENTION
Fire prevention during harvesting. V. Vorob'ev, [illegible] '61
Planning a water supply for fighting fires in villages. [illegible] My '61.

FIREBRICK
[illegible] dimensions for [illegible] furnaces. IA. [illegible] Drozdov. Ogneupory 26 no. 7 [illegible] '61.
Length of service of magnesite brick in furnaces for smelting [illegible] alloys. V. [illegible] Ogneupory 26 no. [illegible] '61
[illegible] refractory brick. V. [illegible] Ogneupory [illegible] '61.

FIRST AID IN ILLNESS AND INJURY
"What to do in case of an industrial accident" by [illegible]. Reviewed by [illegible]. Zdrav. [illegible] '61.

FISH, CANNED
[illegible] parameters of modern vacuum sealing machines. [illegible] Ryb. khoz. 37 no. [illegible] '61

FISH CULTURE
(see also subdivision under: Tsimlyansk Reservoir region)
Role of coal [illegible] in increasing the fish yields of lakes. [illegible] Ryb. khoz. 37 no. [illegible] '61

FISH CUTTING
Fish-cutting machine. Ryb. khoz. 37 no. [illegible] '61

FISH OIL
Retention of calcium and phosphorus [illegible] in children of [illegible] age [with summary in English] [illegible] Ag '61

FISH PROCESSING PLANTS
(see also subdivision under: Kamchatka)
Il'ichin, V. A. [The technical, industrial, and financial plan of a fish processing plant, methods of compilation] [illegible] Moskva, Pishchepromizdat, 1961. [illegible] p. (Ekonomika i organizatsiia pishchevoi promyshlennosti)

FISHERIES
(see also subdivision under: Bratsk Reservoir; [illegible] Reservoir; Dnieper Reservoir; [illegible] Reservoir; Farkhad Reservoir; Issyk Valley; Kakhovka Reservoir; Kama Reservoir; [illegible] Reservoir; Mingechaur Reservoir; Narva Reservoir; Novosibirsk Reservoir; Ob' Valley; Rybinsk Reservoir; Saratov Reservoir; Tsimlyansk Reservoir; [illegible] Reservoir; Volga Reservoir; Vygozero Reservoir)
Classification of reservoirs based on their fishery [illegible] [with summary in English on pages 454-455]. P. V. [illegible]. Izv. VNIORKH 50:[illegible] '61
Effect of industrial waste waters on the fishery aspects of reservoirs [with summary in English on page [illegible]] A. [illegible]. Izv. VNIORKH 50:[illegible] '61
Effect of water level variations on the formation of fish stocks in reservoirs [with summary in English on page 454]. P. V. [illegible]. Izv. VNIORKH 50:[illegible] '61
Formation of fish stocks in reservoirs of the U.S.S.R. [with summary in English on pages 453-454]. P. A. [illegible]. Izv. VNIORKH 50:[illegible] '61
Fundamental information on existing and planned reservoirs and reservoirs under construction in the U.S.S.R. [illegible]. Izv. VNIORKH 50:[illegible] '61
Inland waters as a source of increased food supply for the country. [illegible], A. I. [illegible] Ryb. khoz. 37 no. [illegible] '61
Komarov, D. I., and V. A. Il'ichin. [Planning in a fishing collective] Planirovanie v rybolovetskom kolkhoze. Moskva, Pishchepromizdat, 1960. 175 p.
Mizin, V. O. [Problems in the economy and organization of fishery management] Pytannia ekonomiky i organizatsii rybnoho hospodarstva. Kyiv, Vyd-vo Ukrains'koi Akad. sil's'kohospodars'kykh nauk, 1960. 100 p.

FISHERIES (Continued)
Third International Trade-Union Conference of Transportation, Port, and Fishery Workers Vsem prof dvizh. no 7:2-3 Jl '61

FISHERIES—BIBLIOGRAPHY see Bibliography—Fisheries

FISHERIES—CONGRESSES
Resolution of the All-Union Scientific Technological Conference of Workers in the Fishing Industry, Leningrad, Feb. 16, 1961 Ryb khoz 37 no 6:6-15 '61

FISHERIES—ECONOMIC ASPECTS
Economic effectiveness of capital investments in the fishery management of inland waters A A Kal'nibolotskii Ryb khoz 37 no 6:73-76 '61

FISHERIES—RESEARCH
Preface. Izv VNIORKH 50 3-4 '61
Research ships of the Polar Scientific Research Institute of Marine Fisheries and Oceanography A. P Alekseev Biul Okean kom no 6 62-65 '60

FISHERIES—SAFETY MEASURES
On the track of the sea hunters. K. Alekseev. Okhr truda i sots strakh 4 no 7 44 Jl '61.
Rules recommending caution. A. Kravtsov Okhr. truda i sots strakh 4 no. 7 13 Jl '61.

FISHERY LAW AND LEGISLATION see subdivision under Black Sea; Danube

FISHERY PRODUCTS—PRESERVATION
New methods of preserving fishery by-products and inferior fish [with summary in German] M E Prakhin Biul. nauch -tekh. inform. VIZH no. 2:57-59 '58.

FISHES
(see also subdivision under Kakhovka Reservoir, Molochnoye, Lake, Siberia, Western; Sozh Valley)
Lessons on the study of fishes A. I Nikishov Biol v shkole no. 4 19-26 Jl-Ag '61
Nature of sounds produced by some fishes of the Black Sea. V R Protasov, E. V. Romanenko. Dokl AN SSSR 139 no 3 726-728 Jl '61

FISHES—EGGS see subdivision under Black Sea

FISHES—EMBRYOLOGY see Embryology—Fishes

FISHES—FOOD
Feeding areas of benthic fishes in the northwestern part of the Black Sea K. O. Vynohradov Nauk. zap. Od biol sta. no. 1:93-112 '59.
Valuable food for young sturgeons. P. I. Nechaev. Ryb. khoz 37 no. 6:32-35 '61.
Zooplankton of reservoirs and its role in the feeding of fishes [with summary in English p 452-453]. P. L. Pirozhnikov. Izv. VNIORKH 50:323-340 '61.

FISHES—MIGRATION
Vertical migrations of herring and methods of making use of them in the fishing practices. V. N. Chesnoi. Ryb khoz. 37 no 6:53-58 '61.

FISHES—PARASITES see Parasites—Fishes

FISHES—PHYSIOLOGY
Stages in the development of fishes. L. V. TSvlatkova. Vestsi AN BSSR. Ser. biial. nav no. 2:79-88 '61.

[illegible] f fish stored in containers on [illegible]-72 '61
[illegible] its to [illegible] Ryb.

Sapaneev, L. P. [Fishing calendar] Rybolovnyi kalendar', [Riazan'] Riazanskoe knizhnoe izd-vo, 1961. 180 p. (DA)

FISHING—IMPLEMENTS AND APPLIANCES
(see also subdivision under China)
Develop the fishing technique in inland waters. N. N. Vinogradov, V. V. Gulin, M. P. Kovaleva. Ryb. khoz. 37 no. 6:36-41 '61
What do you use to catch fish? V. Horoshko. Ukraina no.15,31 Ag '61.

FISHING BOATS—COLD WEATHER OPERATION
Nikiforov, M. I. [Formation of ice cover on trawlers] Obtedenenie traulerov. [Kaliningrad] Kaliningradskoe knizhnoe izd-vo, 1960. 19 p. (Bibliotechka rybaka)

FISHING BOATS—SAFETY REGULATIONS
Volunteer inspectors. G. Malakhov. Agitator no. 15;46 Ag '61.

FISSION PRODUCTS
Separation of substances by the alternate extraction method (isolation of Mo^{99} from a mixture of uranium fission fragments). R. I. Alekseev, O. N. Polevaia. Radiokhimiia 3 no. 4:458-465 '61.

FISSIONABLE MATERIALS see Radioactive substances

FLAME
Experimental investigation of gas flame O N Ermolaev Trudy MIKHM 16 23-36 '58
Variation of the excitation interval for a capillary singing flame. V. N. Podymov, P A Norden. Izv vys ucheb zav , fiz no 1 134-137 '61

FLAME PHOTOMETRY
Atomic absorption flame photometry N S Poluektov. Zav lab 27 no 7 830-836 '61

FLAX
(see also subdivision under New Zealand)
Kotov, G. G., ed. [Economics of collective flax farms] Ekonomika l'novodnykh kolkhozov. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 535 p. (CU)
Preparing the perennial grass sod for fiber flax. S A Kudria, R I IAroshovets' Visnyk sil'hosp nauky 4 no 8 103-105 Ag '61
Use of the herbicide "dicotex-30" in flax fields under farm conditions S M Mashtakov, B. F. Matrosov, S IA. Ledovskii Biul Inst. biol. AN BSSR no 5:200-204 '60

FLAX—DRYING
How to improve the performance of the stationary flax dryer developed by the All-Union Scientific Research Institute of Agricultural Machinery Building (SSL-VISKhOM). K. Uzkii. Tekh. v sel'khoz. 21 no.8. 28-31 Ag '61.

FLAX PROCESSING MACHINERY
TV-152 flax puller. IU. Morozov. Tekh. v sel'khoz. 21 no. 8:59-60 Ag '61.

FLAX WILT
Study of microbes antagonistic to the causative agent of fusarium wilt of flax. Biul. inst. biol AN BSSR no 5. 330-332 '60

FLEAS
Investigation of repellents. Report No. 12. Repellent action of N-acylindolines on the fleas Xenopsylla cheopis Roths. E. Kh. Zolotarev and others. Vest. Mosk. un. Ser. 6. Biol., pochv. 16 no. 4:58-61 Jl-Ag '61.

FLEAS—RESISTANCE TO INSECTICIDES
Sensitivity of different flea species to DDT. R. B. Kosminskii, R. S. Karandina, G. A. Leikina Dokl AN SSSR 130 no. 4 1020-1022 Ag '61.

FLEECE see Wool

FLEXURE
A problem in the longitudinal-transverse bending of a bar. O. N. Savinov. Izv. vys. ucheb. zav., stroi. i arkhit. 4 no. 2:17-22 '61.

FLIGHT
Relationship between the nesting and flight characteristics in hawks. V. E. IAkobi. Ornitologiia no. 2:35-40 '59.

FLIGHT, UNPOWERED see Gliding and soaring

FLIGHT CREWS
Preflight relaxation and medical room. N. Z. Naftul'ev. Vest. protivovozd. obor. no. 5:52 My '61.
Specialists guarantee success. N. Ochnev. Grazhd. av. 18 no. 6:2-3 Je '61.

FLIGHT ENGINEERING
Flight engineer Stepan Kryzhanovskii. A. Egorov. Kryl. rod. 12 no 5:17 My '61.

FLIGHT NAVIGATORS
Interaction of pilot and navigator. I. P. Bashilov. Vest. protivovozd. obor. no. 5:51-52 My '61.

FLIGHT TRAINING
Don't rely on luck. V. D. Sokolov. Vest. Vozd. Fl no. 2: 52-53 F '61.
The flight and its commander. I. P. Dobrov. Vest. protivovozd. obor. no. 4:36-39 Ap '61.
Flight personnel must have thorough technical knowledge. E. Z. Pleshkov. Vest. protivovozd. obor. no. 5:38-41 My '61.
How we learn night flying. V. A. Uriuzhnikov. Vest. protivovozd. obor. no. 4:31-35 Ap '61.
The new and progressive is winning out ("Fighter planes take off" by I. Grebeniuk. Reviewed by V. Komarov). Kryl. rod. 12 no. 4:19 Ap '61.
Not only a record. I. F. Rubtsov. Vest. Vozd. Fl. no. 2: 46-51 F '61.
The pilot flies within the training zone. G. G. Semenko. Vest. Vozd. Fl. no. 2. 41-47 F '61.
Setting the flight goal. A. V. Savin. Vest. protivovozd. obor. no. 4:46 Ap '61.
Wings get stronger during flight. M. Golyshev. Kryl. rod. 12 no. 5:11-12 My '61.

FLOORS
Seamless mastic floors Sh Golant, R. Usvialaeva Zhil -kom khoz 11 no 7:27 Jl '61.
A way to build asphalt floors in a multiple-story industrial building. A. I. Fedorchuk Prom. stroi 39 no 6 61 '61

FLOORS—SOUNDPROOFING
Sound insulation of laminated floors in the case of impact noise. V. I. Zaborov. Akust. zhur. 7 no. 2 185-188 '61.

FLOORS, CONCRETE
(see also subdivision under Leningrad, Stalingrad)
Akademiia kommunal'nogo khoziaistva. Leningradskii nauchno-issledovatel'skii institut. [Album of precast floor elements for major repairs of apartment houses] Al'bom sbornykh konstruktsii perekrytii dlia kapital'nogo remonta zhilykh domov. Leningrad, 1959. 29 p.
Building precast floors in earthquake districts A. M Zinkin Bet. i zhel -bet. no 6 268-270 Je '61.
Some problems in the technology of manufacturing floors using concreting combines. I. N. Akhverdov, IA V Shapiro. Sbor nauch. rab Inst. bud i arkhit AN B.S.S.R no. 3:54-61 '60.

FLORENCE—STRIKES AND LOCKOUTS—INSTRUMENT INDUSTRY
Ferrara, Marciella, and Maurizio Ferrara. [Report on a strike] Reportazh ob odnoi zabastovke. Moskva, Gos. izd-vo polit. lit-ry, 1961. 99 p.

FLORICULTURE see subdivision under Germany, East

FLOTATION
Use of nonsulfurated compounds for the flotation of iron ores. F N Belash, O V Pugina, I. K Getmanskii Masl. -zhir. prom. 27 no 7,32-34 Jl '61
Vlasova, N. S., V. I. Klassen, and I. N. Plaksin. [Principles of selecting reagents for flotation of difficult-to-dress coal fines] O printsipakh podbora reagentov dlia flotatsionnogo obogashcheniia melochi trudnoobogatimykh uglei. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 33 p.

FLOUR
Amount of thiamine in wheat flour of different grades V. L. Partoshko Vop. pit 20 no 4:75-76 Jl-Ag '61

FLOUR—TRANSPORTATION
Nedokuchaev, B. N. [Mechanizing the transportation of flour in bulk] Mekhanizatsiia bestarnoi perevozki muki, stenogramma doklada, prochitannogo v LDNTP na seminare rabotnikov khlebopekarnoi promyshlennosti. Leningrad, Leningr. Dom nauchno-tekhnicheskoi propagandy, 1961. 17 p.
Truck transportation of flower in bundled sacks. F. Minaev, L. Vainshtein, F. Chekmenev. Muk -elev prom. 27 no. 4:20-22 Ap '61.

FLOUR AND FEED TRADE
Mixed feed production abroad M Tartakovskii Muk -elev prom 27 no 7 29 Jl '61.

FLOUR MILLS
(see also subdivision under Cherkassy Province; Chita Province; Moscow)
Methods for planning and calculating the capacity of flour mills. Muk. -elev. prom 27 no. 4:32 Ap '61

FLOUR MILLS—EQUIPMENT AND SUPPLIES see subdivision under Orenburg Province; Pavlodar

FLOWERS see subdivision under Georgia, Siberia, Western

FLOWERS—EXHIBITION
"Soviet flowers are splendid", they say in Erfurt. Zhil -kom. khoz. 11 no. 6:35 Je '61.

FLUID DYNAMICS
Conditions for the displacement of air by water in collector systems with dropping and raising and dropping motion. S. I. Ivianskii, N. S. Ilin. Energomashinostroenie 7 no. 6:15-18 Je '61.
Entry of a wedge into a compressible half-space. Z N Dobrovol'skaia. Prikl. mat. i mekh. 25 no 3 485-489 My-Je '61.
Group characteristics of S. A. Chaplygin's equation. L. V. Ovsiannikov. PMTF no. 3:126-145 S-O '60.
Heat exchange in flows across plane surfaces [with summary in English]. V. A. Baum, M. K. Bologa, P. M. Brdlik. Inzh. -fiz. zhur. 4 no. 6:13-20 Je '61
Heating of a thin liquid stream carried down by a steam flow [with summary in English]. M. P. Potiak. Inzh. -fiz. zhur. 4 no. 6:118-121 Je '61.
Investigation of the rate of flow characteristics of throttle valves. M. G. Gus'kov. Trudy LKI no. 29:27-37 '59.
Some problems in relativistic gas dynamics of charged particles [with summary in English] V. N. TSytovich Zhur. eksp. i teor. fiz. 40 no. 5:1325-1332 My '61.
Some results of investigating the spiral outlet flow of ring blading profiles. A. M. Topunov. Trudy LKI no. 29,193-197 '59.
Uniform spiral motion between two coaxial cones S A Bostandzhiian Prikl. mat. i mekh. 25 no 3:567-570 My-Je '61.

FLUID MECHANICS

One-sheeted solution of the inverse problem of hydromechanics. L. A. Aksent'ev Izv vys ucheb zav., mat no. 4 3-7 '61

Plotting a plane potential flow of incompressible fluid by the method of conformal transformation expressing the solution in parametric form IU I Faddeev Trudy LKI no 29 117-126 '59

FLUIDIZATION

Apparatus for determining the wear of materials in a fluidized bed IU. I. Sorokin, Kh. I. TSeitlin. Zav lab 27 no 8:1041-1045 '61.

Hydrodynamic processes in a fluidized bed of solid particles under high pressure O S Chekhov and others. khim. prom. no 7 492-494 Jl '61.

FLUORESCENCE

Excitation spectra and intensity of natural fluorescence of cells. L S Agroskin, I IA. Baiskii Dokl AN SSSR 139 no. 4.987-990 Ag '61

Fluorescence spectra of photoreduced forms of chlorophyll,its derivatives and analogues [with summary in English] IU E Erokhin, A A Krasnovskii Biofizika 6 no 4 392-402 '61.

FLUORESCENCE MICROSCOPY

Microscope-spectrofluorimeter for the ultraviolet region L S Agroskin, N. V Kololev. Biofizika 6 no 4 478-485 '61.

FLUORESCENT LIGHTING

(see also subdivision under Moscow)

Draft standard on "Light fixtures with fluorescent lamps for industrial lighting." IU. B. Alzenberg, V. F. Efimkina. Svetotekhnika 7 no. 8 23 Ag '61.

Turning-on fluorescent lamps in circuits without starters. A. D. Novik. Svetotekhnika 7 no. 8:7-13 Ag '61

FLUORIDES

Corrosion of metallic materials in aqueous solutions of fluorides at elevated temperatures E. I. Antonovskaia, L. V. Tukhtarova Zhur. VKHO 6 no 4 477-478 '61.

FLUORINE

Defluorination of water by aluminum sulfate. A. I. Derevianko, K V. Masal'skaia. Vod i san tekh. no. 3: 6-8 Mr '61.

FLUORINE—ANALYSIS

Rapid micromethod for the determination of fluorine in monomeric and polymeric organofluorine compounds [with summary in English] A. I. Lebedeva, N. A. Nikolaeva, V. A. Orestova Zhur. anal khim 16 no 4: 469-471 Jl-Ag '61

Simultaneous determination of fluorine, silicon, and chlorine in fluorine and chlorine-containing organosilicon compounds [with summary in English] E A. Bondarevskaia, V. M. Kuznetsova, S. V. Slavtsilllo Zhur. anal khim 16 no 4:472-476 Jl-Ag '61

FLUORINE COMPOUNDS

Effect of Co^{60} gamma rays on perfluorodienes V. A. Khramchenkov, A. V. Zimin Zhur VKHO 6 no 4. 468-469 '61

FLUORINE ORGANIC COMPOUNDS

Diftoran, a new means of rodent control. N.M.Dukel'skaia, T.V.Smirnova. Vest.Mosk.un.Ser.6 Biol., pochv. 16 no.4:3-7 Jl-Ag '61.

General pathophysiological characteristics of diftoran poisoning in white rats. L.B.Borisova. Vest.Mosk. un.Ser.6: Biol.,pochv. 16 no.4:8-13 Jl-Ag '61.

Pathophysiological mechanism of poisoning by diftoran, sodium fluoroacetate, and ethylenefluorhydrin in rodents. M.V.Kirzon, L.B.Borisova. Vest.Mosk. un.Ser.6: Biol.,pochv. 16 no.4:14-25 Jl-Ag '61.

Rapid micromethod for the determination of fluorine in monomeric and polymeric organofluorine compounds [with summary in English]. A. I. Lebedeva, N. A. Nikolaeva, V. A. Orestova. Zhur anal. khim. 16 no 4: 469-471 Jl-Ag '61

Rapid simplified method for the microdetermination of carbon and hydrogen in monomeric and polymeric organofluorine compounds. A. I. Lebedeva, N. A. Nikolaeva, V. A. Orestova. Izv. AN SSSR, Otd. khim. nauk no. 7: 1350-1352 Jl '61.

Specific differences of the process of diftoran poisoning in animals. M.V.Kirzon and others. Vest.Mosk.un. Ser.6: Biol.,pochv. 16 no.4:26-33 Jl-Ag '61.

FLUTTER (AERODYNAMICS)

Flutter of a panel in the flow of a compressible conducting fluid in the presence of a magnetic field. A D. Lisunov. PMTF no. 4:65-67 N-D '60.

FLY CASTING

Casting for fish. V. TSikhanau. Belarus' 16 no. 7:27 Jl '61.

FOAM—PIPELINES

Methods for calculating pipelines and hoses for transmitting chemical foams. F. A. Bogdanovich. Izv. vys. ucheb. zav., energ. 4 no. 7:86-93 Jl '61.

FOEHN

Theory of the foehn. L. N. Gutman, D. I. Tebuev. Izv. AN SSSR. Ser geofiz. no 8.1192-1198 Ag '61

FOLK DANCING see subdivision under Kalinin Province

FOLK DANCING, WHITE RUSSIAN

The White Russian roundelay; origin of the White Russian popular theater. S. Misko. Vestsi AN BSSR. Ser hram. nav. no. 2 113-121 '61.

FOLK DRAMA, UZBEK—HISTORY AND CRITICISM

Satire in Uzbek oral folk drama [in Uzbek with summary in Russian]. M. Kadyrov. Obshchestv nauki v Uz. no. 5,22-28 '61

FOLK POETRY, WHITE RUSSIAN

White Russian folk poetry during the war. I. Ustarau Belarus' 16 no. 6:23 Ag '61.

FOLKLORE

Sokolova, V. [Folklore as a source of historical and ethnological knowledge] Fol'klor, kak istoriko-etnograficheskii istochnik. Moskva, 1960. 16 p. (CLU)

FOLKLORE, UKRAINIAN

Voropai, Oleksa. [Customs of our people; anethnographic sketch] Zvychai nashoho narodu, etnohrafichnyi narys. Munich, Ukraine'ke vyd-vo, 1958. 1 v. (NN)

FOOD—ANALYSIS

Interrelation between the amount of some trace elements and vitamins in food products. V. P Kamchatnov Vop. pit. 20 no 4 74-75 Jl-Ag '61

Investigation of thermophysical properties of loose food materials. G A. Egorov Izv. vys ucheb zav. ; pishch tekh. no. 2:14-16 '60.

Modified method for the determination of proteins in ready-to-eat food. N. M. Kalkov. Gig i san. 26 no. 3 57-60 Mr '61.

Natural Boron content of food products in the Tatar and Mari Republics [with summary in English] R. S. Khamidullin. Vop pit. 19 no. 2:81-85 Mr-Ap '60.

Rusin, N. M., and V. L. Gnoevaia. [Some problems in food hygiene in rural areas] Nekotorye voprosy gigieny pitaniia v sel'skoi mestnosti. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 146 p. (Biblioteka sanitarnogo vracha)

Vitamin C content of prepared foods [with summary in English] S. I. Kulikov. Vop. pit. 19 no 2:69-72 Mr-Ap '60.

FOOD—PACKAGING

Bogushevskii, I. L., Sh. L. Lel'chuk, and A. V. Fadeeva. [Transparent films for packing food products; production abroad] Prozrachnye plenki dlia upakovki pishchevoi produktsii; sostoianie proizvodstva za rubezhom. Moskva, Vses. in-t nauchn. i tekhn. informatsii, 1958. 20 p.

Polymer wrapping films. S. V. Genel', D. V. Konovalova. Plast. massy no. 8:43-47 '61

FOOD, CANNED

Canned food for children in the diet of patients with gastrointestinal diseases. E. A. Belui, G. S. Korobkina Vop. pit. 19 no 2:86-87 Mr-Ap '60.

New types of canned foods rich in vitamin C. F. Balla. Vop. pit. 19 no. 2:60-62 Mr-Ap '60.

New varieties of canned fruit and vegetables. E. Simochkina. Sov. potreb. koop. 5 no. 7.41 Jl '61

FOOD, CONCENTRATED

Comparative nutritional value of rations from food concentrates [with summary in English] V. P. Korendaeva. Vop pit. 20 no. 4:52-57 Jl-Ag '61.

Influence of dried milk on assimilation of food from concentrates R. L. Rabinovich, E I Koroleva. Vop pit. 20 no. 4 71-72 Jl-Ag '61.

FOOD, ENRICHED

Food vitaminization for the population as a basic problem in present-day practical vitaminology. S. N. Matuko. Biul. MOIP. Otd. biol. 66 no. 4:134-139 Jl-Ag '61.

FOOD, FROZEN

New products and semifinished goods. V. Seleznev. Tyl i snab. Sov. Voor. Sil 21 no. 4 91-92 Ap '61.

FOOD CONTAMINATION

Prevention of food poisoning due to lead in connection with the preparation of chanakhi in glazed earthenware. I. I. Tikhonov. Vop pit. 20 no. 4:80-81 Jl-Ag '61.

Protection of food products and water from agents of mass destruction V. Kovalenko Voen. znan. 37 no. 8:33-34 Ag '61.

FOOD HABITS OF ANIMALS see Animals, Food habits of

FOOD HANDLING

Prokof'ev, V. P. [Hygienic aspects of public food service] Gigiena obshchestvennogo pitaniia. Izd. 2., perer. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 218 p. (Biblioteka srednego medrabotnika)

FOOD HANDLING—HYGIENIC ASPECTS

Leningrad. Institut radiatsionnoi gigieny. [Problems in the hygiene and physiology of nutrition; collection of articles] Voprosy gigieny i fiziologii pitaniia; sbornik trudov. Pod red B. I. Kadykova. Leningrad, 1960. 114 p. (DNLM)

FOOD INDUSTRY

Processing of farm produce is an important task of the national economy. G Blank. Sov potreb. koop 5 no 8 43-46 Ag '61.

Rukosuev, A. N., ed. [Starch, sugar, honey, confectionery products, condiments, fats, milk, and milk products] Krakhmal, sakhar, med, konditerskie, vkusovye tovary, zhiry, moloko i molochnye produkty. Moskva, Gos. izd-vo torg. lit-ry, 1961. 750 p.

FOOD INDUSTRY—EMPLOYEES

Salmonella carrying by food industry workers and the prevention of food poisoning S. P TSeitukov. Gig. i san. 26 no. 3:65-68 Mr '61.

FOOD INDUSTRY—EQUIPMENT AND SUPPLIES

Semenov, V. N. [Organization of production in public eating establishments, lectures for students of the technology departments of commercial institutions of higher learning] Organizatsiia proizvodstva predpriiatii obshchestvennogo pitaniia, lektsii dlia studentov tekhnologicheskikh fakul'tetov torgovykh vuzov. Moskva, Gos. izd-vo torg. lit-ry, 1961. 84 p.

Use of electronic calculating machines for planning operations in enterprises of the food industry. V. V. Vasil'ev. Khleb. i kond. prom 5 no. 7 19-23 Jl '61

Useful guide for calculating and designing machines for the food industry ("Principles of calculating and designing machines and apparatus for the food industry." Reviewed by O. G Lunin). Khleb i kond. prom. 5 no. 7:43-44 Jl '61.

FOOD POISONING

Food toxicoinfections O E Bauer. Med. sestra 20 no 6:27-32 Je '61.

Problem of food poisoning with granosan. Kh. Z. Liubetskii, D. G Krasil'shchikov, T E. Roshetova Gig. i san. 26 no. 3:68-71 Mr '61.

Rusin, N. M., and V. L. Gnoevaia. [Some problems in food hygiene in rural areas] Nekotorye voprosy gigieny pitaniia v sel'skoi mestnosti. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 146 p. (Biblioteka sanitarnogo vracha)

Salmonella carrying by food industry workers and the prevention of food poisoning. S. P. TSeitukov. Gig. i san. 26 no 3.65-68 Mr '61.

FOOT-AND-MOUTH DISEASE

Determining type variants of the foot-and-mouth disease virus A. I. Dudnikov. Visnyk sil'hosp. nauky 4 no 8 95-98 Ag '61

Rendering the blood of cattle infected by foot-and-mouth disease harmless S. Voinov, M. Karpovich, B Sevost'ianov. Miss ind. SSSR 31 no. 4.52-53 '60.

FORAGE PLANTS

(see also subdivision under Baraba Steppe; Komi A.S.S.R.; Kunya-Urgench District; Siberia; Volga Valley)

Economic effectiveness of forage crops. I. G Pis'menyi Dokl. i soob. VNIESKH no. 4 29-35 '58.

[Planting a second forage crop in summer] Povtornye posevy kormovykh kul'tur. [Moskva] Mosk. rabochii, 1961. 18 p. (Bibliotechka polevoda) (DA)

FORAGE PLANTS—FERTILIZERS AND MANURES see subdivision under Apsheron Peninsula

FORAMINIFERA see subdivision under Antarctic regions, Black Sea

FORAMINIFERA, FOSSIL

(see also subdivision under Kazakhstan; Transcarpathia)

A controversial question in the classification and nomenclature of Foraminifera, emendation of the genera Ammodiscus and Involutina A. A. Gerke Sbor. st. po paleont. i biostrat. no. 19.5-18 '60.

FORCE AND ENERGY

Thermodynamic properties of electrolytes in nonaqueous solutions. Part 8: Solubility and free energy of ion transfer in nonaqueous solvents [with summary in English]. Zhur. fiz. khim. 34 no. 2:319-326 F '60.

FOREIGN EXCHANGE

(see also subdivision under Europe, Eastern)

Brief information on foreign exchange and banks Den. i kred. 19 no. 7:88-90 Jl '61.

FOREIGN STUDENTS see Students, Foreign

FOREMEN

Foreman wants to be heard. I. Vasil'ev. Mest. prom. i khud. promys. 2 no. 6:18-19 Je '61.

FOUNDING—TESTING

Methods of investigating metal fluidity and the formation of shrinkage cavities P N Rudulia, V M Korolev, V M Stepanov Lit proizv no 8 29-31 Ag '61

FOUNDRIES

(see also subdivision under Bryansk)

Experimental plan for redesigning the auxiliary areas of a foundry. L. N. Sherman. Prom. stroi. 39 no. 7:33-35 '61.

FOUNDRIES—EQUIPMENT AND SUPPLIES

Changing the design of the slag tank. V. G. Voronchikhin, I S Ushkov Sbor rats predl vnedr v proizv no 2 58-59 '61

Evaluating the level of industrial mechanization in foundries L. D Berestavskii, L Z TSyganko, G E Edel'gauz Lit. proizv no. 7 8-10 Jl '61

Gas processes in the foundry mold P. P. Berg, IA. I Medvedev. Lit proizv no 7 30-35 Jl '61.

Orlov, G. M. [Automatic units for shaking out foundry molds] Avtomaticheskie ustanovki dlia vybivki litеinykh form, opyt otechestvennykh zavodov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 130 p.

Press for removing cores from ingot molds Sbor. rats, predl vnedr. v proizv no 2,52-54 '61

Removable foundary gatings in making molds for steel castings. P. M. Akimin. Lit proizv. no 7:45 Jl '61.

FOUNDRY SAND see Sand, Foundry

FOURIER SERIES

Theory of Fourier transformations of infinitely differentiable rapidly decreasing functions. G. E. Shilov Izv vys. ucheb. zav ; mat. no. 3,174-176 '61

FOURNIER, PIERRE, 1906-

Cellist Pierre Fournier. T. Gaidamovich. Sov. muz. 25 no. 7 101 Jl '61.

FRACTIONS—STUDY AND TEACHING

Shevchenko, T. N. [Methods of teaching common fractions] Metodika prepodavaniia obyknovennykh drobei. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1958. 129 p. (Pedagogicheskaia biblioteka uchitelia)

FRACTURES

Basic principles of the modern treatment of fractures. I. I Krupko. Voen -med. zhur. no. 3 17-23 Mr '61

Complications in osteosynthesis employing an Ilanskii pin, abstract V I. Ramanov Voen. -med zhur no. 3 76 Mr '61.

Experience in the treatment of fractures of tubular bones. B A. Dmitriev. Voen. -med zhur. no. 3 68-70 Mr '61.

New type of fixation for fractures of the leg, shoulder, and upper arm. B. A Matveev Voen. -med. zhur. no. 3 82-83 Mr '61

FRANCE—ADMINISTRATIVE AND POLITICAL DIVISIONS

New administrative and economic division of France. A E. Sluka Vop geog. no 53;126-130 '61

FRANCE—AGRICULTURE

Jacques Bonhomme takes the pitchfork. IU. Rubinskii. Nov. vrem. 19 no. 26 7-8 Jl '61.

FRANCE—CHURCH AND EDUCATION

Struggle for lay schools in France. S. A. Forum. Sov. pedag 25 no. 6:99-117 Je '61

FRANCE—COLONIES

Herald of African freedom ("Independent Guinea" by Sekou Toure. Reviewed by E. Silin) Az. i Afr. seg. no. 4:59-60 Ap '61.

Twilight of French colonialism. R. Barbet. Az. i Afr. seg. no 4.38-40 Ap '61.

FRANCE—COLONIES—AFRICA see Africa—French colonies

FRANCE—ECONOMIC CONDITIONS

Economic situation in the Fifth Republic. IU. Rubinskii. Mir. ekon. i mezhdunar. otn. no. 8:111-119 Ag '61.

French monopolies try to restrict the rights of French workers. E Fajon Mezhdunar. zhizn' 8 no. 9:22-32 S '61

FRANCE—ECONOMIC ZONING

Interregional disproportion and state "regulation" of economy in France. G. P. Chernikov. Vop. geog. no 53;114-125 '61.

New administrative and economic division of France. A E. Sluka. Vop. geog. no. 53;126-130 '61.

FRANCE—FOREIGN RELATIONS

"French diplomatic documents, from 1871 to 1911" [in French] Reviewed by K. B. Vinogradov. Vop. ist. no 8 200-203 Ag '61.

FRANCE—FOREIGN RELATIONS—RUSSIA

"Franco-Russian relations and the security of Europe" by [U V. Borisov. Reviewed by I. M. Tabagua. Vop. ist. no 7:155-159 Jl '61.

FRANCE—FOREIGN RELATIONS—TUNISIA

Aggression in Bizerta P Efimov Nov vrem. 19 no 31 16-17 Jl '61

Bizerte is a cemetery of illusions. IU. Bochkarev. Nov. vrem 19 no. 33:19-22 Ag '61.

A discussion of current events. Agitator no. 15;38-40 Ag '61

Tunisia and the United Nations. Nov. vrem. 19 no. 34:3 Ag '61

FRANCE—FREE THOUGHT

"French free thought from Gassendi to Voltaire" [in English] by J S Spink Reviewed by V N Kuznetsov Vop filos 15 no 8 175-177 '61.

FRANCE—HISTORY

Role of the resistance movement in the regrouping of political forces after the liberation of France, 1944-1945. V. F. Kolomiitsev. Vest. Mosk. un. Ser. 9:Ist. 16 no. 1 3-19 Jl-Ag '61.

FRANCE—LABOR DISPUTES

The deciding factor is unity. Vsem. prof. dvizh. no. 2: 13-44 F '61

FRANCE—LABOR AND LABORING CLASSES

French monopolies try to restrict the rights of French workers E Fajon. Mezhdunar zhizn' 8 no 9:22-32 S '61

FRANCE—MANUSCRIPTS, RUSSIAN

Documents and materials relating to Soviet history in French archives and the manuscript divisions of French libraries I N Minaeva Ist SSSR 5 no. 4 21 216-222 Jl-Ag '61.

FRANCE—MAPS

Second edition of the French National Atlas is a new stage in the development of the French geography and cartography. O A Evteen, A E Sluka Izv. AN SSSR Ser. geog no 4 140-113 Jl-Ag '61

FRANCE—MILITARY BASES, GERMAN

Clouds from beyond the Rhine in the sky of France. IU Nadezhdin Smena 38 no 15 28-29 Ag '61

FRANCE—PEASANTRY

Clouds over France. N Krylova Ogonek no 28:3 Jl '61.

FRANCE—PIPELINES

Methods of constructing underwater crossings in France A. IU Vinetskaia Stroi truboprov. 6 no 6 30-31 Je '61

FRANCE—POLITICS AND GOVERNMENT

Capitalism disguised; the program of the French Socialist Party. B. Bykhovskii. Nov vrem. 19 no. 28 11-14 Jl '61.

FRANCE—RUSSIAN STUDIES

A new French periodical devoted to the history of the U S S R V G Sirotkin Ist SSSR 5 no 4.209-214 Jl-Ag '61

FRANCE—SCIENCE

"History of French science; collected articles." Reviewed in French by U. I. Frankfurt, A. M. Frenk. Vest. ist. mir. kul't no 3 155-159 My-Je '61.

FRANCE—SOCIAL CONDITIONS

For a better life, freedom, peace and disarmament. Sov. profsoiuzy 17 no. 14:36-40 Jl '61.

FRANCE—SOCIALIST PARTY

In search of a way out [with summary in English, p. 185] A S Mol'nikov, N. V Oparin Vop filos 15 no 8 52-65 '61.

FRANCE—STRIKES AND LOCKOUTS—AUTOMOBILE INDUSTRY

The struggle of the workers in the Renault plants. Henri Beaumont. Vsem. prof. dvizh. no 2:22-25 F '61

FRANCE—TRADE UNIONS—CONGRESSES

Defending rights already won and gaining new ones are objectives of the selfsame struggle. Jean Schaefer. Vsem. prof dvizh no 7:42-45 Jl '61

FRANCE—WORKS COUNCILS

Works council is a combat weapon of the working class. Livio Mascarello. Vsem prof. dvizh. no. 6 35-38 Je '61.

FRANKO, IVAN, 1856-1916

I. IA. Franko on the language of T. H. Shevchenko. E. S. Regushevs'kyi. Ukr. mova v shkoli 11 no 2:35-37 Mr-Ap '61.

The language of T. H. Shevchenko's poetry analyzed by Ivan Franko. I. G Batsula Ukr. mova v shkoli 11 no. 2 28-35 Mr-Ap '61.

FRANZ JOSEF LAND—GEOLOGY, STRATIGRAPHIC

Jurassic stratigraphy of Franz Josef Land. V. D. Dibner. Trudy VNIGNI no. 29 vol 2:166-171 '61.

Upper Triassic stratigraphy of Franz Josef Land. V. D Dibner Trudy VNIGNI no 29 vol 1-40-50 '60

FREE ELECTRON THEORY OF METALS

Momentum distribution of particles in a rarefied Fermi gas [with summary in English]. V. A Beliakov Zhur eksp i teor fiz 40 no. 1:1210-1212 Ap '61

Statistical electron theory of the surface energy of binary metal solutions. S I Zadumkin. Izv AN SSSR. Otd tekh. nauk Met i topl no 3:163-166 My-Je '61.

FREE THOUGHT see subdivision under France

FREE WILL AND DETERMINISM

Significance of V I. Lenin's work "Materialism and empiric criticism" for the critical evaluation of philosophical indeterminism E A Arinshtein Trudy TGU 149 157-163 '60

FREEZING see Frost

FREIGHT AND FREIGHTAGE see subdivision under Moscow Province, Odintsovo (Moscow Province)

FREIGHT AND FREIGHTAGE—EQUIPMENT AND SUPPLIES

In design offices and laboratories (from the pages of "Mekhanizatsiia i avtomatizatsiia proizvodstva") Tyl i snab Sov. Voor Sil 21 no 4 88-91 Ap '61

FRENCH CIVILIZATION see Civilization, French

FRENCH LANGUAGE—STUDY AND TEACHING see subdivision under Rumania

FRENCH LANGUAGE—TEXTBOOKS

French language textbook for the seventh grade L. N Ronskaia Inostr. iaz v shkole no 3 16-25 My-Je '61

FRENCH NEWSPAPERS see subdivision under Morocco

FRENCH PERIODICALS

A new French periodical devoted to the history of the U S.S.R. V G Sirotkin Ist.SSSR 5 no 4 209-214 Jl-Ag '61.

FREONS

Effectiveness of combined freon aerosols with a bactericidal insecticide action. I K. Lageit, V N Speranskaia. Voen -med zhur. no. 8:66-68 Ag '60

FREONS—THERMAL PROPERTIES

Method for correlating the law of corresponding states for the purpose of determining the thermodynamic properties of unmvestigated substances [with summary in English] IA Z Kazavchinskii, G. I. TSoiman Inzh. -fiz. zhur. 4 no. 6:58-63 Je '61

FREQUENCY CHANGERS

Frequency division on superhigh frequencies by means of a traveling-wave tube [with summary in English] S A Akhmanov, A S Gorshkov, I T Trofimenko Izv vys ucheb zav , radiofiz 4 no 2 309-318 '61.

FREQUENCY MEASUREMENTS

Method for constructing amplitude and phase frequency characteristics using a generalized family of logarithmic characteristics [with summary in English]. D. E. Polonnikov. Avtom. i telem. 22 no. 6 739-747 Je '61.

FREQUENCY MULTIPLIERS

Static electromagnetic frequency multipliers for 4, 6, 8, and 9-fold frequency multiplication A. M. Bamdas, I. V Blinov, S V Shapiro. Izv. vys. ucheb. zav., energ. 4 no. 7 35-44 Jl '61

FREQUENCY REGULATION

Automatic frequency control of a heterodyne. P. Korobeinikov. Radio no. 5 43-45 My '61.

Concerning certain relationships of an FM discriminator with series connected rectifiers having a common d. c. loop. IU. L. Mazor Radiotekhnika 16 no. 8 54-57 Ag '61.

FREQUENCY RESPONSE (DYNAMICS)

Device for the experimintal determination of the frequency characteristics of mechanical automatic control systems V. G. Pustynnikov, P. M Burdukov. Izv vys. ucheb zav., elektromekh. 4 no 6 103-108 '61

FRESH-WATER FLORA see subdivision under Lithuania

FRICTION

Design and investigation of friction hard facing. Kh. A. Tiaiar. Avtom. svar. 14 no. 7:33-39 Jl '61.

Extending Gauss' principle to dry friction systems. G K. Pozharitskii. Prikl. mat i mekh 25 no. 3 391-406 My-Je '61.

New notions about the coefficient of friction in case of plastic compression. E. F. Sharapin, N V. Maksimov. Trudy KhPI 21 Ser. met. no 4:63-67 '59

Physicochemical effect of liquid media on the wear of steel and of solid alloys in their friction against rocks. L. A Shreiner, K M. Sadilenko. Dokl. AN SSSR 139 no 2:427-429 Jl '61.

FRICTION (Continued)

Seizing of machine parts caused by the friction of boundary layers. P.D. Dudko Trudy KhPI 21 Ser met no 4 99-105 '59

Testing friction materials for the friction areas of tractors A P Begidzhanova, S.N Popov, G. M. Kharach Trakt i sel'khozmash 31 no 8 15-17 Ag '61

X-ray diffraction study of distortions of the crystalline structure of brass induced by friction N A. Izmanalieva. Izv AN Kir SSR Ser est i tekh. nauk 3 no. 1 83-90 '61

X-ray diffraction study of distortions of the crystalline structure of steel induced by friction. N A. Izmanalieva, Ju. S Terminasov. Izv. AN Kir SSR Ser est i tekh. nauk 3 no 1,77-81 '61

FRONTIER GUARD see Border guard

FROGS see subdivision under Kamyzyak District

FROGS—PARASITES see Parasites—Frogs

FROST

Gol'tsberg, I. A. [Unseasonable frosts in the U. S. S. R., their agroclimatic characteristics and control] Agroklimaticheskaia kharakteristika zamorozkov v SSSR i metody bor'by s nimi. Leningrad, Gidrometeor. izd-vo, 1961. 197 p.

FROST PROTECTION

(see also subdivision under Ararat region)

Sprinkler irrigation in the frost protection of farm crops. Iu. G. Filippova. Sbor. trud IUzhNIIGiM no 6;287-291 '58.

FROZEN FOOD see Food, Frozen

FROZEN GROUND

(see also subdivision under Alasu Valley, Igarka region; Irkutsk Province; Vorkuta region; Yakutia)

Effect of buildings on thermal and moisture conditions of permanently frozen ground G V Porkhaev, V K Shchelokov Mat k osn uch. o merz zon. zem kory no 7 5-35 '61

Effect of treating cohesive soils with salt and salt water on their physicomechanical characteristics S. B. Ukhov. Osn. fund. i mekh. grun. 3 no. 3;16-18 '61.

Estimating the probable degree hour sums of air in calculating the seasonal thawing depth of ground I V Sheikin Mat. k osn uch. o merz zon zem kory no. 7. 150-156 '61

Follow-up to L. V. Zorina's article "Concerning the paleogeographic importance of frozen ground." G. M. Epshtein. Izv. vys. ucheb. zav.; geol. i razv. 4 no. 1. 125-126 Ja '61.

Gal'perin, M. I. [Mechanical means for breaking up frozen soils] Mekhanicheskie sposoby razrusheniia merzlykh gruntov, kratkaia stenogramma lektsii. Leningrad, 1961. 33 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Serlia. Stroitel'naia promyshlennost')

Mechanizing earthwork operations in winter and in permafrost areas. V. A. Ivanov Prom stroi 39 no 5: 4-7 '61

Setting of bench marks resulting from the freezing of the active layer in permafrost areas. M. S. Uspenskii. Trudy TSNIIGAiK no. 135;89-96 '60

Thermal regime of petroleum pipelines. L P. Semenov, G. M. Fel'dman, IU L. Shur. Mat k osn. uch o merz. zon. zem kory no 7 119-131 '61.

FROZEN MEAT see Meat, Frozen

FRUIT

Pectase and polygalacturonase in some vegetables and [illegible] O. A. Konovalova 31.

ers;

FUEL

Competition for the best suggestion on the economy of fuel in ferrous metallurgy plants. S. I. Komarov. Prom. energ. 16 no. 5 12-14 My '61.

Determination of specific fuel consumption standards for the manufacture of magnesium chloride N T. Otroshko. Trudy MIKHM 16 61-69 '58

Economic evaluation of extracting various types of fuel. M. Brenner Plan khoz. 38 no. 8 64-70 Ag '61.

Measurements of the vapor diffusion coefficient of the system "vapors of the fuel T-6 - air." IU. D. Vasilevskaia. Trudy MAI no. 132;144-160 '61

Selection of a method for driving forging-press machinery. P. S. Kolobkov Izv. vys ucheb zav., energ 4 no 7 69-75 Jl '61.

FUEL PUMPS

Constructional features, disassembly, and assembly of single-plunger fuel pumps A. Maevskii, K. Dolganov. Tekh. v sel'khoz 21 no. 7 58-62 Jl '61

How to simplify the adjustment of fuel pumps. G. Gerasimov. Tekh. v sel'khoz. 21 no. 8 74-76 Ag '61.

FUEL PUMPS—VIBRATION

Reasons for the vibration of fuel pump racks. A. A. Grunauer, B B. Chagar. Trakt. i sel'khozmash 31 no. 2,7-10 F '61

FUNCTIONAL ANALYSIS

Additive functionals of Wiener's multidimensional process. A D Ventsel' Dokl AN SSSR 139 no. 1; 13-16 Jl '61

Approximation of functions by generalized linear Landau operations. R G. Mamedov Dokl AN SSSR 139 no. 1; 28-30 Jl '61

Center-focus problem N. V. Medvedev Izv vys. ucheb. zav., mat. no 4 57-65 '61

Eigenvalues and eigenvectors of completely continuous operators. E. A. Troitskaia. Izv. vys. ucheb zav ; mat. no. 3;148-156 '61.

Normal solvability of a boundary value problem in the class of weak solutions. Izv. AN Azerb SSR. Ser. fiz. - mat i tekh nauk 2,41-49 '61

Order and asymptotic value of the approximation of functions by means of linear positive operators R. G. Mamedov. Izv AN Azerb. SSR Ser. fiz. -mat i tekh. nauk 2;27-39 '61

Polynomial bases in space of analytic functions of two variables. E. E. Shvartsman, N. N. Rozhanskaia Izv vys. ucheb. zav ; mat. no. 3;165-173 '61.

Some conditions for the stability of the Ritz method [with summary in English] S G. Mikhlin Vest LGU no. 13,40-51 '61

Theory of Fourier transformations of infinitely differentiable rapidly decreasing functions. G. E. Shilov Izv vys. ucheb. zav.; mat no 3;174-176 '61.

FUNCTIONS

Gel'fand, M. S. [Teaching the subject 'Derivative functions" in grade 10 of schools for working youth] Prepodavanie temy "Proizvodnaia funktsiia" v X klasse shkoly rabochei molodezhi. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1958. 111 p. (Pedagogicheskaia biblioteka uchitelia)

Realiztion of monotonic functions by means of sets of functional elements. V I Reznik. Dokl. AN SSSR 139 no 3;566-569 Jl '61

FUNCTIONS, ANALYTIC

Analytical capacity of sets, compatible nontriviality of different classes of analytical functions, and Schwarz's lemma in arbitrary regions. S. IA. Khavinson. Mat. sbor. 54 no. 1-3-50 My '61.

One boundary value problem of linear conjugation. L. G. Mikhailov. Dokl. AN SSSR 139 no 2;294-297 Jl '61.

One problem generalizing Carleman's boundary value problem. G. S. Litvinchuk. Dokl. AN SSSR 139 no. 2; 291-293 Jl '61.

Order of the best approximation of functions determined on a continuum by means of linear aggregates derived from the elements of a continued base. M. M. Dragilev. Dokl AN SSSR 139 no. 3;528-530 Jl '61

Solving axisymmetric problems in the theory of elasticity by means of analytic functions. A. IA. Aleksandrov. Dokl. AN SSSR 139 no. 2;337-340 Jl '61.

FUNCTIONS, CHARACTERISTIC see Eigenfunctions

FUNCTIONS, CONTINUOUS

Boundedness of solutions to certain nonlinear differential equations of the third order. V. A. Pliss. Dokl. AN SSSR 139 no. 2;302-304 Jl '61.

Domains of variation of systems of coefficients of functions representable as a sum of Stieltjes integrals. IU. E. Alenitsyn. Dokl. AN SSSR 139 no. 2;263-266 Jl '61.

Linear methods for the approximation of continuous periodic functions. A. V. Efimov. Mat. sbor. 54 no. 1. 51-90 My '61.

FUNCTIONS, COULOMB see Coulomb functions

FUNCTIONS, ELLIPTIC

Boundary problem for an elliptic equation [illegible] on a part of the boundary of the domain [illegible] in English]. M M Smirnov Vest. LGU '61.

Phragmén-Lindelof type theorem for a linear system I. S Arshon. Dokl. AN SSSR 1 [illegible] 274 Jl '61.

FUNCTIONS, ENTIRE

Integration of Hill's equation A. A Potapucheb. zav., mat. no. 4 104-111 '61

FUNCTIONS, ORTHOGONAL

Solution of Vlasov's equation by the Hermite expansion method. A. Adkhamov. Uch. [illegible] 10;59-65 '59.

FUNCTIONS, PERIODIC

Behavior of the solutions to S. L. Sobolev's [illegible] $t \to \infty$ T I Zeleniak. Dokl AN SSSR 139 533 Jl '61

FUNCTIONS, THETA

Investigation of a generalized theta-function [illegible] khankulov. Uch. zap. Tadzh. un. 18 27-[illegible]

FUNCTIONS OF SEVERAL VARIABLES

Certain conditions for the smoothness of functions of several variables and for the evaluation of operators. K. K. Golovkin Dokl. AN SSSR [illegible] 524-527 Jl '61.

FUNGI

Bilai, V. I. [Microscopic fungi producing antibiotics] Mikroskopicheskie griby - produtsenty antibiotikov. Kiev, Izd-vo Akad. nauk USSR, 1961. 183 p.

Change in the chemical and mechanical properties of cellulose following the action on it of the fungus Chaetomium globosum [with summary in English]. IU I [illegible] Mikrobiologiia 29 no. 2;276-280 Mr-Ap

Method of preparing a herbarium of mold fungi Ostroukhov, L. F. Abyzova. Lab. delo 7 [illegible] Je '61.

FUNGI, POISONOUS

Results of a pathomorphological analysis of the effect of dendrodochin of the organism of rats. P. M. Ponomarenko, O. M. Skyrta, [illegible] shenko. Mikrobiol. zhur. 23 no. 2;15-24 [illegible]

Study of the some biological properties of dendrodochin. Report No 1; Toxic effect of dendrodochin [illegible] and weight of rats. IU. R Malashenko [illegible] 23 no. 2;25-30 '61.

FUNGICIDES

Paikin, D. M. [Recent developments in the production of agricultural plants against pests] Novoe v zashchite sel'skokhoziaistvennykh rastenii ot vrednykh [illegible] mov. Leningrad, Ob-vo po raspr. polit. i nauchnykh znanii RSFSR, Leningr. otd-nie, 1960. 53 p. (DA)

FUR, ARTIFICIAL

At the conference on the manufacture of artificial and artificial fur garments. Tekst. prom. 21 [illegible] Ap '61.

Finishing of imitation fur fabrics with a knife. A. [illegible] Frolov. Tekst. prom. 21 no. 4;26-29 Ap '61

FUR FARMING

Vasterov, N. G. [Fur farming] Zverovodstvo. M. [illegible] Izd-vo TSentrosoiuza, 1961. 270 p.

FURALDEHYDE

Obtaining furfural and glucose. N. Z. Bondarenko [illegible] v shkole 15 no 3-63 My-Je '60.

Synthesis and study of monomeric and polymeric [illegible] of the reaction of acetophenone with furfural [illegible] Kamenskii and others. Plast. massy no [illegible]

FURAN

Alkylation of tetrahydrofuran by ethylene N [illegible] B. L. Lebedev. Dokl. AN SSSR 139 no 1;13[illegible] '61.

Analysis of mixtures of furan homologs and [illegible] furan by gas-liquid chromatography. N. I [illegible] An, V. L. Lebedev. Zav. lab 27 no. 8 97[illegible]

Intermolecular interaction between tetrahydrofuran and hydrogen chloride. IU. G. Borod'ko, IA. [illegible] Dokl. AN SSSR 139 no. 1;102-105 Jl '61.

Synthesis of α-furylnitroethylene, the study of its polymerization capacity. A. V. Topchiev, V. P [illegible] V. A. Soprano. Dokl. AN SSSR 139 no 2;331-[illegible] '61.

FURANDIONE

Condensation of 2, 2, 5, 5-tetraalkyl-3-furanones with aldehydes of aromatic nature. I. K Korobitsyna, [illegible] Marinova, IU. K. IUr'ev. Zhur. ob. khim. [illegible] 2131-2133 Jl '61.

FURER, SAMUIL

Samuil Furer. A. Volkov. Sov. muz. 25 no. 1 [illegible] '61.

FURMANOV, DMITRII ANDREEVICH, 1891-1926

Gorbunov, G. I. [Fiery heart; pages from the life of D. A. Furmanov] Goriachee serdtse; stranitsy iz zhizni D. A. Furmanova. [Ivanovo] Ivanovskoe knizhnoe izd-vo, 1960. 101 p

Meetings with Furmanov Boris Lavrenev Ogonek 39 no 29 17 Jl '61

FURNACES

Adjustment of MP-VTI ash traps N I Zverev. Plek sto 32 no 4 16-22 Ap '61

Design of a waste-heat boiler for a tubular furnace with overhead exhaust of the flue gases. K. E. Masal'skii, G. M. Bichutskii. Prom. energ. 16 no. 5.8-11 My '61.

Distributed air intake in a vertical cyclone combustion chamber. B. D. Katsnel'son, L. A. Bogdanov. Energomashinostroenie 7 no. 4:14-17 Ap '61.

Heat exchange in boiler furnaces in the flameless burning of gases of high calorific value B. I. Shestakov Sbor nauch. trud Kuib. indus inst no. 8 151-165 '59.

Measuring the intensity of turbulence in a cyclone furnace [with summary in English]. L. K. Zhitkevich, N. V. Antonishin. Inzh. -fiz. zhur. 4 no. 6 122-124 Je '61.

Nechaev, M. A. [Safety in handling gas-operated equipment of industrial furnaces and boilers] Bezopasnaia ekspluatatsiia gazovogo oborudovaniia promyshlennykh pechei i kotlov. Leningrad, 1961. 18 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila: Energetika, no. 5)

FURNACES, HEAT-TREATING

Additional block for pulling out carts from heat-treating furnaces I. A. Griaznov Sbor. rats predl. vnedr v proizv. no. 2:39-40 '61

Carborundum refractory materials for furnaces which reduce iron slag and convert natural gas. I. S. Kainarskii, E. V. Degtiareva. Ogneupory 26 no. 7:322-326 '61.

Reducing wall thickness of heat-treating furnaces. N. M. Shemetov, V. A. Zakharov Sbor. rats predl. vnedr v proizv. no. 1 30 '61

Theory of the thermal operating conditions of a tunnel oven for semicoking V. P. Malkov, V. V. Sheloumov Trudy MIKHM 16 37-53 '58.

FURNACES, HEATING

Calculation of the optimum adjustment for the automatic control system of a tubular furnace in an atmospheric pipe-still Izv. AN Azerb. SSR, Ser. fiz. -mat. i tekh nauk 2:77-90 '61

Chamotte tuyere for picking gas samples. V. S. Malyi. Sbor. rats. predl. vnedr v proizv. no. 2:40-41 '61

Changing heating conditions of 09G2 steel ingots. V. M. Inzhevatov Sbor. rats predl. vnedr. v proizv. no. 2:31 '61

Changing the setting system of pusher-control boards for heating furnaces. F. I. Goncharov, P. E. Demin, F. M. Chikunov Sbor. rats. predl. vnedr. v proizv. no 1 31 '61.

Increasing the length of the compartments of soaking pits M V Inzhevatov Sbor. rats predl vnedr. v proizv no. 2:37-39 '61

Increasing the output of preheating furnaces for thin-sheet metal rolling. L.S. Suslov. Sbor. rats. predl. vnedr. v proizv no. 1 27-28 '61

Mounting injectors with tangential steam supply for the atomization of crude oil in box furnaces. V. D. Dzipov Sbor. rats predl vnedr v proizv no. 2:35 '61.

New design of water-cooled slide gates. G. I. Kozlitin. Sbor. rats. predl. vnedr. v proizv. no 2:33-34 '61.

Reconstruction of plug traps for box furnaces. P. V. Plotnikov, V. A. Zakharov. Sbor. rats. predl. vnedr. v proizv no. 1:28 '61

Screen for observing ingot stripping from preheating furnaces. N. K. Gorbachenko, V. I. IAkovlev. Sbor. rats predl vnedr. v proizv no. 1.27 '61

Utilization of heat in rolling mill shops with direct counterflow heating furnaces. N. M. Itskovich. Izv. vys. ucheb. zav.; energ. 4 no. 7:61-68 Jl '61.

FURNACES, HEATING—COOLING

Water-cooled arch of a pipe-welding furnace. Sbor. rats. predl. vnedr. v proizv. no. 1:29 '61.

FURNACES, HEATING—MAINTENANCE AND REPAIR

Reconditioning collars of chain conveyers. Sbor. rats. predl. vnedr. v proizv. no. 1:33 '61

Reconditioning pusher rods of heating furnaces. A. E. Markin, V. I. Rospasienko. Sbor. rats. predl. vnedr v proizv. no. 1:32 '61.

FURNITURE
(see also subdivision under Pavlovsk)

Housing construction in the seven-year plan. A. Zal'tsman. Sov. arkhit. no 12.36-40 '60.

More economic methods for packing furniture. B. G. Krylov. Der. prom. 10 no. 7:15 Jl '61.

Set of twelve furniture pieces in one room. B. Furman. Meat. prom. i khud. promys. 2 no. 6:26-27 Je '61.

FURNITURE—STANDARDS

Standardization of the basic dimensions for furniture. E. L. Kosiak and others. Der. prom 10 no. 7:1-4 Jl '61.

FURNITURE INDUSTRY
(see also subdivision under Moscow; Moscow Province)

Fabritskii, Kh. B., and S. M. Liubman. [Reference book for establishing norms in the manufacture of furniture] Spravochnik normirovshchika mebel'nogo proizvodstva Moskva, Goslesbumizdat, 1961. 279 p.

Manufacture of shaped plastic rims for furniture. V. I. Kropotov, G. B. Reznik. Der. prom 10 no. 7 27-29 Jl '61

New factories. Mest. prom. i khud. promys. 2 no. 6 27 Je '61.

Technical specifications for separate operations in furniture manufacture I. B. Vladimirskii, R. T. Verzhanskaia Der. prom. 10 no 7 15-16 Jl '61.

FURNITURE INDUSTRY—EQUIPMENT AND SUPPLIES

Roll-over stand for assembling frame furniture. IU. N. Ostudin Der. prom. 10 no. 7 19-21 Jl '61.

Shmakov, A. T., and Sh. Z. Gaitsgori. [Manual for a mechanic in furniture factories] Spravochnik mekhanika mebel'nykh predpriiatii. Pod obshchei red. A. M. Strongina. Moskva, Vses. koop. izd-vo, 1960. 631 p.

FURNITURE PAINTING

Painting furniture in the high-frequency electric field. A. V. Sukhova Der. prom 10 no 6 15-17 Je '61

FUROCOUMARINS

Furocoumarins from the fruit of Archangelica decurrens Ldb. IU. A. Dranitsyna Trudy Bot. inst Ser. 5 no 8 43-48 '61.

FUROIC ACID

Studying some pharmacological properties of the series of dialkylaminoalkanol esters of furan-2-carboxylic acids R. R. Safrazbekian and others. Izv. AN Arm. SSR Biol. nauki 14 no 5:51-59 My '61

FUSARIUM

Isolation and study of some substances from the mycelium of Fusarium moniliforme, strain 2601 A. O. Mykhatlovlina, H. A. Vilun, V. O. Dymovich. Mikrobiol. zhur 23 no 2:31-33 '61

GADOLINIUM—DECAY

Investigating the decay chain for Gd^{147}. A. A. Sorokin, K. P. Mitrofanov. Izv. AN SSSR. Ser. fiz. 25 no. 7 799-807 Jl '61.

Investigating the decay chain for Gd^{149}. A. A. Sorokin, K. P. Mitrofanov. Izv. AN SSSR. Ser. fiz 25 no. 7 808-812 Jl '61.

GADOLINIUM-IRON ALLOYS

Phase diagram of the alloys in the system gadolinium - iron E. M. Savitskii and others. Zhur. neorg. khim. 6 no. 7:1732-1734 Jl '61.

GADOLINIUM-MAGNESIUM ALLOYS see Magnesium-gadolinium alloys

GAGARIN, IURII ALEKSEEVICH, 1934-

At the Vnukovo Airport. V. Gande-Rote. Sov. foto 21 no. 7:12-15 Jl '61.

Birth of a character. E. Vorob'ev. Sov. foto 21 no. 7: 23-25 Jl '61

A boy from our town. N. Bobneva IUn nat. no 6-9-11 Je '61.

Communist, P. I. Babushkin. Vest. Vozd. Fl. no. 4: 68-70 Ap '61.

The country welcomes its heroic son. Sov. foto 21 no 7:18-22 Jl '61

Decree of the Supreme Soviet of the U. S. S. R. Vest. Vozd. Fl. no. 4:20-21 Ap '61.

Encounter above Moscow. A. I. Ardnt'ov. Vest. Vozd. Fl. no. 4:77-79 Ap '61.

First hours with the astronaut. V. Tabasevich. Sov. foto 21 no. 7:8-11 Jl '61

"He came, saw, and conquered." K. Zilliacus. Ogonek 39 no. 30-31 Jl '61.

Hero of the Soviet Union, IU. A. Gagarin, with the Commander-in-Chief of the Air Force, Chief Marshal of Aviation, K. A. Vershinin. Vest. Vozd. Fl. no. 4:76 Ap '61.

Image of a hero. E. Riabchikov. Sov. foto 21 no. 7:2-5 Jl '61.

In the Finnish orbit. N. Dentsov, S. Smirnov. Ogonek 39 no 29:2 Jl '61

IUrii Gagarin on the IL-18 airplane. B. Bugaev. Grazhd. av. 18 no. 6:16-17 Je '61.

Mission accomplished! G. F. Slykov. Vest. Vozd. Fl. no. 4:74-75 Ap '61.

Pages from the biography of the hero. Vest. Vozd. Fl. no. 4:28-30 Ap '61.

Pages of a biography, simple and complex. Kul't. i zhizn' 5 no 6-26-27 '61.

Planes are ready. V. A. Stegnii. Vest. Vozd. Fl. no. 4: 79-80 Ap '61.

Rally of heroes. TS. Golodnyi. Nauka i zhizn' 28 no. 6:10-12 Je '61.

Reception in the Great Kremlin Palace. Vest. Vozd. Fl. no. 4:22-24 Ap '61.

Son of the people. A. G. Kolosov. Vest. Vozd. Fl. no. 4: 71-72 Ap '61.

Soviet flyer. I. N. Kozhedub. Vest. Vozd. Fl. no. 4: 72-74 Ap '61.

The space hero is welcome everywhere. Smena 38 no 12-14-15 Je '61

This great achievement will be eternal! Vest. Vozd. Fl. no. 4-9 Ap '61.

To be like him L. A. Piskunova Doshk vosp. 34 no 7:23-26 Jl '61

To serve our people, from a cosmonaut's notes IUrii Gagarin Blok agit [Sov Armii] no 16 10-16 Je '61

Training on the examples of heroism. Nach. shkola 29 no. 8 42-46 Ag '61.

Triumphant meeting in Moscow. Vest. Vozd. Fl. no. 4 10-12 Ap '61.

We're proud of your achievement, IUrii! K. F. Puchik. Kryl rod 12 no 5 2-3 My '61.

Winged dream. Ol'ga Fomina Nauka i zhyttia 11 no 5 25-27 My '61

GALL BLADDER—INNERVATION

Effect of novocaine block of the right vagosympathetic nerve on interoceptive conditioned reflexes from the gall bladder [with summary in English]. V. H. Zapadniuk I. Iziol. zhur. [Ukr.] 7 no 4 514-519 Jl-Ag '61.

GALL GNATS see subdivision under Moscow Province; Voronezh Province

GALLIC ACID

Difference in the sensitivity to propyl gallate in tissues of hepatoma and normal liver E. S. Fikhovskaia and others. Dokl AN SSSR 139 no 4:996-998 Ag '61

GALLINAE
(see also subdivision under Leningrad Province)

Adaption of tetranoid and phasianoid birds to the specific features of climatic conditions M. A. Kuz'mina. Trudy Inst zool AN Kazakh. SSR 15:104-114 '61.

GALLIUM
(see also subdivision under Kugitang-Tau)

Electrochemical study of the system gallium - zinc - mercury A. T. Nizhnik, M. I. Bykova Zhur. prikl. khim 34 no 7 1554-1561 Jl '61

GALLIUM—ANALYSIS

Photometric determination of gallium with butylrhodamine B [with summary in English]. L. M. Skrebkova Zhur. anal. khim 16 no 4 422-425 Jl-Ag '61

GALLIUM ANTIMONIDE—ELECTRIC PROPERTIES

Thermoelectric properties of solid solutions of the system AlSb--GaSb I. I. Burdiian, IA. A. Roznerits'a, G. I. Stepanov Fiz. tver. tela 3 no. 6 1879-1882 Je '61.

GALLIUM ARSENIDE CRYSTALS

Investigation of certain physical properties of polycrystalline GaAs. M. A. Krivov and others. Izv. vys. ucheb. zav., fiz. no 2 66-70 '61

GALLIUM COMPOUNDS

Compounds of gallium with glycine. A. P. Kochetkova, V. G. Tronev, O. N. Gilimov. Zhur. neorg. khim. 6 no. 7:1582-1585 Jl '61.

GAMES

How we try to inculcate good manners in children during their games. T. Maurychava. Nar. asv. no. 5.47-50 My '61.

Use of printed desk games. R. Smyrnova Doshk. vykh. 22 no 8-39-43 Ag '61

GAMMA RAYS

Absorption of γ-radiation in infinite systems. B. M. Terent'ev, IU. S. Riabukhin. Zhur. tekh. fiz. 31 no. 7: 837-842 Jl '61

Beta and gamma-spectra of Te^{117}. N. A. Vartanov and others. Zhur. eksp. i teor. fiz 41 no 1:303 Jl '61.

Effect of Co^{60} gamma rays on perfluorodienes. V. A. Khramchenkov, A. V. Zimin Zhur. VKHO 6 no. 4 468-469 '61.

Effect of gamma rays on the catalytic activity of plantinized aluminosilicate Kh. M. Minachev, M. A. Markov, IU. S. Khodakov Izv. AN SSSR. Otd. khim nauk no. 7 1227-1230 Jl '61.

Effect of gamma rays on the properties of a silica surface. M. M. Tagieva, V. F. Kiselev. Zhur. fiz. khim. 35 no. 6:1381-1382 Je '61.

Groshev, L. V., B. P. Ad'iasevich, and A. M. Demidov. [Investigation of gamma rays emitted by nuclei in the capture of thermal neutrons] Issledovanie gamma-luchei, ispuskaemykh iadrami pri zakhvate teplovykh neitronov. Moskva, 1955. 36 p. (Doklady, predstavlennye SSSR na Mezhdunarodniiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

$K^+ \rightarrow \pi^+ + \pi^0 + e^+ + e^-$ decay [with summary in English]. I. G. Ivanter. Zhur. eksp. i teor. fiz. 41 no. 1: 244-246 Jl '61.

Radiation, absorption, and reabsorption of γ-quanta by nuclei of impurities enclosed in a solid solution. I. P. Dziub, A. F. Lubchenko. Izv. AN SSSR. Ser. fiz. 25 no. 7:893-900 Jl '61.

Temperature effect on the hyperfine structure of gamma-radiation. V. S. Shpinel', V. A. Briukhanov, N. N. Deliagin. Zhur. eksp i teor. i fiz. 40 no. 5:1525-1527 My '61.

GAMMA RAYS—INDUSTRIAL APPLICATIONS

Measurement of water turbidity by the attenuation of the gamma-ray beam V A. Emel'ianov, V F Nesterov, B. B. Shumakov Sbor. trud IUzhNIIGIM no 6 242-250 '58

Studying the effect of gamma rays on the destruction of starch molecules V. I. Oreshko, K A Korotchen'o Izv vys. ucheb zav , pishch tekh no 2 17-21 '60

Sudakov, V. V. [Using radioactive radiation to control the density of building materials] Primenenie radioaktivnykh izlucheni dlia kontrolia plotnosti stroitel'nykh materialov Leningrad, 1961. 22 p (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom Serila Stroitel'naia promyshlennost', no. 5)

GAMMA RAYS—PHYSIOLOGICAL EFFECT

Activity of cytochrome oxidase in fractional irradiation by gamma rays of Co^{60} M IU. Taits. Vestsi AN BSSR Ser bilial nav no 2 69-72 '61

Common features of the manifestation of radiation aftereffect in proteins of different structure, comparative investigation of myosin and pepsin E E Ganassi and others Radiobiologiia 1 no 1 14-22 '61

Decomposition of polynucleotides and their precursors caused by gamma radiation A. V. Savich, M I Shal'nov. Radiobiologiia 1 no 1;23-29 '61

Effect of acetylcholine on the renewal in vitro of phospholipids of the rat liver exposed to gamma radiation. N N Demin, A S Kainova Radiobiologiia 1 no 2 182-186 '61

Effect of fractionation of the gamma-ray dose on mutation frequency in spermatids of Drosophila melanogaster IA. L Glembotskii, E A. Abeleva, IU A. Lapkin. Radiobiologiia 1 no 1 119-122 '61

Effect of gamma irradiation on the development of the motor function in chicken embryos G E Sviderskaia. Dokl AN SSSR 139 no 3 729-732 Jl '61

Effect of ionizing radiation on the polymolecular structure of desoxyribonucleic acid in living cells V A. Struchkov, N B Strazhevskaia. Radiobiologiia 1 no 2,172-175 '61

Electron paramagnetic resonance spectra of hippuric acid irradiated by gamma rays of Co^{60} M P. Votinov and others Radiobiologiia 1 no 1 149-150 '61

Investigation of changes in the polimerization spectrum to desoxyribonucleic acid irradiated in vivo and exposed to the action of desoxyribonuclease in vitro V A Struchkov, A M Kuzin. Radiobiologiia 1 no 2;153-160 '61.

Physiological regeneration of cells of the corneal epithelium in irradiated rats G P Gruzdev. Radiobiologiia 1 no 1;52-57 '61

Radiosensitive links in the system of cellular oxidation-reduction enzymes bound with mitochondria N A. Pomoshchnikova, T S Sokolova. Radiobiologiia 1 no 2·200-205 '61

Some characteristics of changes in the properties of lactic acid bacteria due to the action of gamma rays emitted by radioactive Co^{60}. E.I.Kvasnikova, A.G. Grinevich, E.A. Pantiukhina. Trudy Inst. mikrobiol. no.10·82-88 '61.

Structural changes in the desoxyribonucleic acid of rat organs following total-body irradiation. A M. Kuzin, N B. Strazhevskaia, V. A. Struchkov Radiobiologiia 1 no, 1;10-13 '61

Study of the properties of myosin of muscle tissues irradiated in vitro by Co^{60}. V V. Pal'min, L T. Alekhina. Radiobiologiia 1 no 2 206-211 '61

Studying the electric characteristics of the rat liver in radiation injury A. I. Polivoda, A. A. Mikhailova Radiobiologiia 1 no. 2;175-181 '61

Toxic effect of oxidized oleic acid on yeast cells. IU. B. Kudriashov, A. Kh Tambiev. Dokl. AN SSSR 139 no 4· 991-993 Ag '61

GARAGES

Mechanism for opening garage doors. V. Zinov'ev. Tekh. v sel'khoz. 21 no. 8 86 Ag '61.

GARDENING see subdivision under Moscow

GARIBALDI, GIUSEPPE, 1807-1882

Russian Colonel N. P. Ditmar's meeting with Garibaldi. A. Kh Nevler Ist SSSR 5 no 4 154-156 Jl-Ag '61

GARNET see subdivision under Tuapse region, Ural Mountain region

GAS—ANALYSIS

Processing of gas analysis data in the case of recirculation of gases in boiler installations. A. P Kuchuganenko. Sbor. nauch. trud Kuib indus inst no 8 265-270 '58

Use of the GST-L chromatographic gas analyzer for studying the combustion chambers of gas turbine systems. M. A. Poliakrin, A. A. Shatil', A. M. Popova. Energomashinostroenie 7 no.4 26-28 Ap '61.

GAS—HEATING AND COOKING

Minsk. Belorusskii politekhnicheskii institut. Kafedra "Teplogazosnabzhenie i ventiliatsiia." [Laboratory praktikum po otopleniiu, ventiliatsii i gazosnabzheniiu. Pod obshchei red. E Kh Odel'skogo i A. K. Andreevskogo. Minsk, Redaktsionno-izdatel'skii otdel BPI, 1960. 143 p.

GAS—PIPELINES

Effect of nonisothermal flow on the coefficient of hydrodynamic resistance in gas mains L. I. Kudriashev, V. A. TSererin Sbor nauch. trud. Kuib. indus. inst. no 8·45-52 '59

Estimation of the heating load in the design and operation of gas mains V. A. TSererin Sbor nauch trud. Kuib indus inst. no 8 239-250 '59

Theoretical bases for the derivation of equations for the Hydrodynamic design of gas mains. L. I. Kudriashev, V. A TSererin, M. IA. Sychev. Sbor. nauch. trud. Kuib indus. inst no 8 31-43 '59

GAS, NATURAL

(see also subdivision under Chu Valley, Italy, Kuban; Sary-Su Valley, Shebelinka region, Tula Province)

Firing glass furnaces with natural gas. S. S. Kachalov, G. I. Kovsh. Stek. i ker. 18 no. 6;3-6 Je '61.

Furman, I. IA. [Economic effectiveness of the use of natural gas as industrial fuel] Ekonomicheskaia effektivnost' ispol'zovaniia prirodnogo gaza kak promyshlennogo topliva. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 33 p. (V pomoshch' rabotnikam gazovoi promyshlennosti)

Mylko, S. N., ed. [Using natural gas in cupola furnaces] Primenenie prirodnogo gaza v vagrankakh. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit lit-ry, 1961. 58 p.

[MICROFILM]

Problems of gas distribution are on the agenda L Magid. Zhil -kom. khoz. 11 no 6·29 Je '61

Zlotnikov, I. M., and P. P. Rakov. [Recovery, refining, and use of casing-head gas] Sbor, pererabotka i ispol'zovanie poputnogo neftianogo gaz. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 35 p. (V pomoshch' rabotnikam gazovoi promyshlennosti)

GAS, NATURAL—GEOLOGY

(see also subdivision under Azov-Kuban region; Bashkiria, Caspian Lowland, Caucasus, Northern; Kalmyk A S.S.R., Kazakhstan, Russian Platform; Stavropol Territory; Tavda Valley; Turinsk region, Ural Mountains)

Egorov, A. I. [Belts of coal formations and oil- and gas-bearing zones of the earth] Poiasa ugleobrazovanila i neftegazonosnye zony zemnogo shara. [Rostov-na-Donu] Izd-vo Rostovskogo univ., 1960. 181 p.

13 maps

GAS, NATURAL—LAW AND LEGISLATION

Sadikov, O. N. [Legal problems in the gas industry] Pravovye voprosy gazosnabzhenila. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 187 p.

GAS, NATURAL—PIPELINES

(see also subdivision under Moscow Province)

Digging trenches to cross the Dnieper-Bug Canal. A. A. Agafonov. Strol. truboprov. 6 no. 6;20 Je '61.

Gor'kii-Cherepovets gas pipeline S. V. Shchenkov. Strol truboprov 6 no. 6;2 Je '61.

Khodanovich, I. E. [Analytic principles in planning and using gas pipelines] Analiticheskie osnovy proektirovaniia i ekspluatatsii magistral'nykh gazoprovodov. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 126 p.

Let's lower the consumption of labor in insulation and installation processes. I. N. Lanteman. Strol. truboprov 6 no. 5;15-16 My '61.

Let's turn out no less than 100 km of pipeline per year. V. I. Bevziuk Strol truboprov. 6 no. 6;17 Je '61.

New gas pipelines. Blok agit. [Sov. Armii] no. 22·24-25 Ag '61.

Plan of the Tass-Tumus - Yakutsk - Pokrovsk - Hastyakh gas pipelines A M Stepanov. Strol. truboprov 6 no 6 2-6 Je '61

Some comments on planning gas lines. N. A. Skaliymo. Strol truboprov 6 no 5 28-29 My '61

Soviet and foreign standards for designing and planning gas pipelines. A G Kamenshtein Strol truboprov. 6 no 5;12-11 My '61

GAS, NATURAL—PIPELINES—BIBLIOGRAPHY see Bibliography—Gas, Natural—Pipelines

GAS, NATURAL—SEPARATION

Arutiunov, A. I. [Low temperature separation of natural gas] Nizkotemperaturnaia separatsiia prirodnogo gaza. Moskva, Gos nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 48 p. (V pomoshch' rabotnikam gazovoi promyshlennosti)

GAS AND OIL ENGINES

Andreev, A. N. [Running in parts of internal combustion engines using a sulfured lubricant] Prirabotka detalei dvigatelei vnutrennego sgoraniia i mashin na osernennom masle; stenogramma lektsii, prochitannoi na seminare slesarei-sborshchikov. Leningrad, 1961. 25 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Serlia. Mekhanicheskaia obrabotka metallov)

Geometrical relationship between the parts of rotor-type combustion engines V. M Kvasnenko-Nilov Izv AN SSSR. Otd tekh. nauk Energ i avtom no 3;166-178 My-Je '61.

Inductive transducers for studying the operating processes of internal combustion engines. A A Zhdanov and others. Izv. vys. ucheb zav , elektromekh 4 no 5 86-95 '61.

GAS AND OIL ENGINES—FUEL SYSTEMS

Relationship between losses in a pump and the acceleration of the piston in an internal combustion engine A. G Sakharov Dokl TSKhA no 55·183-192 '60

GAS AND OIL ENGINES—IGNITION

How to repair the magneto of the ZID-4,5 engine. A. Gavrikov. Tekh. v sel'khoz. 21 no.6 84 Ag '61.

GAS AND OIL ENGINES—MUFFLERS

Progressive technology of casting exhaust boxes for TI E diesel locomotive engines. I I. Shekunov Lit. proizv no. 7;16-17 Jl '61.

GAS AND OIL ENGINES—NOISE

Results of the study of noise of D100 engines. V. I. Zinchenko, V. D. Kurnatov. Energomashinostroenie 7 no. 4·23-25 Ap '61.

GAS AND OIL ENGINES—TESTING

Investigating the expansion process by means of indicator diagrams for internal combustion engines A G Sakharov. Dokl TSKhA no. 55;221-246 '60

GAS APPLIANCES

Calculating the efficiency of concentrating the production of gas appliances. L. Vinogradova, V. Smirnov. Plan khoz. 38 no 8 71-74 Ag '61

Gas units for drying plaster Z. Zakharova. Zhil -kom khoz 11 no. 7 23-24 Jl '61.

Home gas appliances. I. Osipov. Zhil. -kom khoz 11 no 7;22-23 Jl '61.

GAS AS FUEL

Heat exchange in boiler furnaces in the flameless burning of gases of high calorific value B. I. Shestakov. Sbor nauch. trud Kuib. indus. inst. no 8 151-165 '59.

Popov, A. A., and R. IA. Shvarts. [Efficiency of using fuel gases on various kinds of transportation, practice of the Azerbaijan Economic Region] Effektivnost' primeneniia gorluchikh gazov na razlichnykh vidakh transporta; na primere Azerbaidzhanskogo ekonomicheskogo raiona. Baku, Azerbaidzhanskoe gos. izd-vo neft. i nauchno-tekhn. lit-ry, 1960. 121 p.

GAS BURNERS

Burner for annealing tires. A. V. Arseev, IU. M. Golovanov, M. Sh. Shermeister. Sbor. rats predl. vnedr v proizv. no. 2;36 '61.

Experimental investigation of gas flame. O N. Primolaev. Trudy MIKHM 16·23-36 '59

Stability and effectiveness of burning low caloric gases in ceramic burners M. A. Volkov. Trudy MIKHM 16 33-102 '59.

GAS CHROMATOGRAPHY

Gas chromatography in glass capillary columns with a chemically modified surface. V. I. Kalmanovskii and others. Zhur. fiz. khim. 35 no. 6;1366-1368 Je '61.

Selection of a solvent for gas chromatography. A. N. Korol', N. M. Turkel'taub. Khim. i tekh. topl. i masel 6 no.6;61-66 Je '61.

GAS DISTRIBUTION

(see also subdivision under Moscow)

Practical scheme for stabilizing the calorific power of gas in supply systems. V. P. Lazarev, V. A. Bogomolov Sbor. nauch. trud. Kuib. indus inst. no. 8;251-258 '59

When comrades do not agree... G. Skoblov. Zhil -kom khoz. 11 no. 5;30 My '61.

GAS DISTRIBUTION—TECHNOLOGICAL INNOVATIONS
see subdivision under Bryansk

GAS DYNAMICS
Application of the liquid-gas analogy to magnetohydrodynamics L A Vulis, P L Gusika Zhur. tekh fiz 31 no. 7:819-823 Jl '61
Applying the gas dynamics theory of heat transfer to the case of a discontinuous flow around solids. A A Smirnov Sbor. nauch trud. Kuib indus inst no 8 123-130 '59
Calculating the one-dimensional motion of gas in a cylindrical channel under a given law of heat supply [with summary in English]. A I. Leont'ev, V. K. Fedorov Inzh. -fiz. zhur. 4 no. 6 125-127 Je '61.
Discontinuous centrally-symmetrical motions of an ultrarelativistic gas in the general relativity theory. V A Skripkin. PMTF no 1:3-12 N-D '60
Laws governing resistance and heat exchange in a turbulent boundary layer of a compressible gas and a method for calculating friction and heat exchange [with summary in English]. S S. Kutateladze, A. I. Leont'ev. Inzh. -fiz. zhur. 4 no. 6.33-41 Je '61.
One-dimensional adiabatic flows of an ultrarelativistic gas K. P Stanikovich Dokl AN SSSR 139 no 3.590-593 Jl '61.
Steady flow of a weakly ionized gas between parallel plates, allowing for anisotropic conductivity. I B Chekmarev Prikl mat i mekh. 25 no. 3 473-477 My-Je '61
Theoretical investigation of a turbulent plane-parallel stream at high temperatures, allowing for dissociation and ionization [with summary in English]. V. A. Golubev. Inzh. -fiz. zhur. 4 no. 6 42-50 Je '61.
Turbulent friction on a flat plate in supersonic gas flow S. S. Kutateladze, A. I. Leont'ev. PMTF no. 4:13-48 N-D '60

GAS FLOW
Couette flow, taking radiative heat transfer into account I. V. Nemchinov, A. S. Fonarev. PMTF no 3:146-151 S-O '60.
Determining the coefficient of compression of a gas jet flowing out of an opening. B. IA. Shamovskii. Izv. vys. ucheb. zav.: stroi. i arkhit. 4 no. 2.87-102 '61.
Effect of nonisothermal flow on the coefficient of hydrodynamic resistance in gas mains L. I Kudriashev, V A. TSererin Sbor. nauch trud. Kuib indus. inst no. 8 45-52 '59
Problem of the state of a gas moving near a solid surface, S. P. Bakanov, B. V. Deriagin. Dokl AN SSSR 139 no 1:71-74 Jl '61
Solution of equations of the one-dimensional motion of a compressible gas of finite conductivity in transverse electric and magnetic fields (stationary case). K. A. Lur'e. Zhur. tekh. fiz 31 no. 5:623-627 My '61.

GAS INDUSTRY
Fuel of the seven-year plan. Sov. profsoiuzy 17 no. 13: 12 Jl '61.

GAS INDUSTRY—EQUIPMENT AND SUPPLIES
Kornilov, IU. G. [Automation and remote control of gas systems] Avtomatizatsiia i telemekhanizatsiia gazovykh sistem. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 148 p.

GAS INDUSTRY—SAFETY MEASURES
Profsoiuz rabochikh mashinostroeniia. TSentral'nyi komitet. [Safety engineering instructions for operators of acetylene generators] Instruktsiia po tekhnike bezopasnosti dlia gazogeneratorshchikov atsetilenovykh apparatov. [Moskva] Mashgiz, 1961. 18 p.

GAS METERS
Kollada, I. A., and P. M. Gofman-Zakharov. [Tightness of gas pipes and the determination of gas leaks] Germetichnost' gazoprovodov i opredelenie utechki gaza. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 67 p.

GAS PIPES
(see also subdivision under Gomel')
IM-17 coating machine. A. E. Aziavshikov, V L. Knopov. Stroi truboprov 6 no 6.29 Je '61.
Kollada, I. A., and P. M. Gofman-Zakharov. [Tightness of gas pipes and the determination of gas leaks] Germetichnost' gazoprovodov i opredelenie utechki gaza. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 67 p.
Laying pipes above ground at existing enterprises. Z. A. Abramovich and others. Stroi. truboprov. 6 no. 6: 12-14 Je '61

GAS PURIFIER see Scrubber (Chemical technology)

GAS RESEARCH
Practical scheme for stabilizing the calorific power of gas in supply systems. V. P. Lazarev, V. A. Bogomolov Sbor. nauch. trud. Kuib. indus. inst. no. 3:251-258 '59.

GAS TURBINES
Characteristics of turbine stages at different pitch angles of the guide blades. I. I Kirillov, R. M. IAblonik. Energomashinostroenie 7 no 6:7-11 Je '61.
Concerning the optimum degree of heat regeneration in a GT-25-700 gas turbine system A P Nikonov. Liek sta 32 no 4 23-24 Ap '61
Fourteenth session on problems in gas turbine manufacture N P Stul'nikov Izv vys. ucheb. zav., energ 4 no 7 122-124 Jl '61
Future of the gas turbine A Mikulin. Starsh. -serzh no 2 22 F '61
Operation of a compressor unit in a gas turbine system V. V Konsetov Energomashinostroenie 7 no 6 19-22 Je '61
Use of the GST-L chromatographic gas analyzer for studying the combustion chambers of gas turbine systems. M. A. Poliatskin, A. A. Shatil', A. M Popova. Energomashinostroenie 7 no. 4 26-28 Ap '61.
Uvarov, V. V., and A. P. Chernobrovkin [Gas turbines] Gazovye turbiny. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 140 p. (Sovetskoe mashinostroenie v 1959-1965 g. g.)

GAS WELDING AND CUTTING
Gol'denfun, I. S., D. IA. Volovich, and I. S. Baber. [Propane and butane are a substitute for acetylene for cutting metal in construction] Propan-butan - zamenitel' atsetilena dlia rezki metalla v stroitel'stve. Leningrad, 1961. 16 p. [Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila: Stroitel'naia promyshlennosti', no. 11)

GAS WELDING AND CUTTING—EQUIPMENT AND SUPPLIES
Reconditioning the body of a cutting torch F M. Il'chenko. Sbor rats predl. vnedr v proizv no 1.56 '61

GASES—ANALYSIS
Acoustic gas analyzer with two tubes. O. I. Kuchmin, L. V. Malkova, L. A. Sokolova. Akust. zhur. 7 no. 2: 215-217 '61.
Radiometric analysis of beta-active gases with the aid of spherical ionization chambers. A. D Turkin Atom energ 11 no 1.60-61 Jl '61.

GASES—THERMAL PROPERTIES
Basic laws of heat exchange in a rarefied gas in the case of natural convection [with summary in English]. A. N. Devoino Inzh. -fiz zhur. 4 no. 6.70-77 Je '61.
Experimental investigation of the thermal conductivity of the vapors of gasoline B-70, kerosene T-1, fuel T-5, and heptane. L. S. Zaitseva. Trudy MAI no 132: 79-93 '61.

GASES, COMPRESSED
Remote indicator of the amount of hydrogen in a gas holder and automatic switching off of hydrogen compressors E. O. Verner. Masl -zhir. prom 27 no 7 42-43 Jl '61.

GASES, KINETIC THEORY OF
Carleman, T. [Mathematical problems in the kinetic theory of gases. Translated from the French] Matematicheskie zadachi kineticheskoi teorii gazov. Pod red. N. N. Bogoliubova. Moskva, Izd-vo inostr. lit-ry, 1960. 120 p. (Biblioteka sbornika "Matematika")
Kinetic theory of shock waves [with summary in English] G. IA. Liubarskii. Zhur. eksp. i teor fiz. 40 no 4:1050-1057 Ap '61.

GASES, RARE
Ultrasonic absorption in monatomic gases. I. I. Perepechko, V. F. IAkovlev. Akust. zhur. 7 no. 2:266-267 '61.

GASES AT HIGH TEMPERATURES
Application of shock tubes for the study of chemical reactions. A. A. Borisov, S. M. Kogarko, A. V. Liubimov. PMTF no. 3:173-183 S-O '60
Initiation of detonation in gases in rough tubes. V. S. Babkin, L. S. Kozachenko PMTF no. 3:165-174 S-O '60.

GASES IN METALS
Gas processes in the foundry mold. P. P Berg, IA. I. Medvedev. Lit. proizv. no 7:30-35 Jl '61.
Gas reactions in the foundry mold. V. A. Chechulin, B. V. TSarevskii. Lit. proizv. no. 7:38-41 Jl '61.
Rapid determination of carbon in the production of bessemer steel. N. M. Prikhod'ko Lit. proizv. no. 8.37 Ag '61.

GASOLINE
Chemical composition of aromatic hydrocarbons and sulfur compounds of shale gasoline. O. G. Elizen, S. A. Rang. Khim. i tekh. topl. i masel 6 no. 6:29-32 Je '61.
Dzhalilian, E. S. [Safety measures for those working with ethyl gasoline] Pamiatka po tekhnike bezopasnosti dlia rabotaiushchikh s etilirovannym benzinom. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 19 p. (Tekhniak bezopasnosti)
Effect of the fractional composition of automobile gasolines on the starting up of a cold engine. A. A. Gureev, M. A. Sonichkin, P. G. Filatov. Khim. i tekh. topl. i masel 6 no. 6:51-54 Je '61.
Gureev, A. A. [Automobile gasolines] Avtomobil'nye benziny. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 158 p.
Mass spectrum analysis of five-membered and six-membered naphthene hydrocarbons in gasolines A A. Poliakova, R. A. Khmel'nitskii Zhur prikl khim 34 no 7 1569-1572 Jl '61.
Reforming of the gasoline fraction of the Volga-Ural petroleums on a rhenium-silica catalyst treated with hydrogen sulfide Kh M Minachev, M A Riashentseva, V A. Petukhov Izv AN SSSR Otd khim nauk no 7 1307-1310 Jl '61

GASOLINE—SPECTRA
Mass spectrum analysis of gasolines. R. A. Khmel'nitskii, K. I. Zimina, A. A. Poliakova. Khim. i tekh. topl. i masel 6 no. 6:55-60 Je '61.

GASOLINE SERVICE STATIONS see Service stations

GASTROPODA
Ecology of reproduction and nature of egg capsules in some gastropod species of the genus Neptunea (Bolten [with summary in English] A N Golikov. Zool zhur. 40 no 7.997-1008 Jl '61

GAUGES
Fain, F. A., and G. G. Kleiman. [Gauges for checking splined joints with a rectilinear face profile] Kalibry dlia kontrolia shlitsovykh soedinenii s priamobochnym profilem. Leningrad, 1961. 28 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila: Kontrol' kachestva produktsii, no. 5)
Leningradskii dom nauchno-tekhnicheskoi propagandy. [Sine attachment for finishing gage boards designed by gagor Konstantin Simonovich Kharchenko] Sinusnoe prisposoblenie dlia dovodki shablonov konstruktsii slesaria-lekal'shchika Konstantina Simonovicha Kharchenko. Leningrad, 1954. 4 p. (Listok novatora, no. 1(240))

GEAR CUTTING
Selecting the optimum value for the finishing stage of turbine gear wheel cutting in unstable temperature conditions N A Musinskii Trudy LKI no 29-181-189 '61

GEARING
Chasovnikov, L. D. [Gear transmissions; tooth and worm gears] Peredachi zatsepleniem, zubchatye i chervlachnye. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 478 p.
Eidinov, M. S. [Design of tooth and worm gears] Raschet zubchatykh i chervlachnykh peredach. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 215 p.
Improved gearbox M N Veselkov Mashinostroitel' no 8 38 Ag '61
Planetary reducers composed of two conical wheels. L. A Malkin Trudy MIGAIK no. 45-13-23 '61
Yes, flexible gears (from "Machine design"). Tekh. mol. 29 no 6 18-19 '61

GEARING, SPUR
Using the hypothesis of cylindrical sections in designing teeth of spur-gear wheels E. M. Gul'iar. Dokl TSKhA no. 55:13-32 '60

GEARING, WORM
Axes of toothing in a spiroid gear transmission. B. D. Zotov. Izv vys ucheb zav., mashinostr. no 6 23-30 '01

GELENDZHIK—BOMB RECONNAISSANCE
Explosion in the vicinity of "Solntse." A. Slobodianik Smena 38 no 12 19 Je '61.

GEMMERLING, VLADIMIR VASILEVICH, 1880-1954
Remezov, N. P. Vladimir Vasil'evich Gemmerling. [Moskva] Izd-vo Mosk. univ., 1961. 57 p. (Zamechatel'nye uchenye Moskovskogo universiteta)

GENERATIVE ORGANS, FEMALE
Role of endocrine activity of the outer zone of the adrenal cortex in the "feminization" of external sex organs in the human fetus. S. E. Levina. Dokl. AN SSSR 139 no. 4,1012-1015 Ag '61.

GENERATIVE ORGANS, FEMALE—CANCER
Pap, A. G. [Prevention of gynecological diseases and cancer of the female generative organs] Profilaktika ginekologicheskikh zabolevanii i raka zhenskikh polovykh organov. Kiev, Gos. med. izd-vo USSR, 1960. 100 p.
(DNLM)

GENETICS
(see also subdivision under Czechoslovakia)
Olenov, IU. M. [Some problems of evolutionary genetics and Darwinism] Nekotorye problemy evoliutsionnoi genetiki i darvinizma. Moskva, Izd-vo Akad. nauk SSSR, 1961. 162 p.
Triumph of Michurin's theory. P. A. Vlasiuk. Voiov. ateist no. 1:9-12 Ja '61.

GENEVA—EXHIBITIONS

Laptev, S. A. [The 1960 automotive exhibit in Geneva] Avtomobil'naia vystavka 1960 goda v Zheneve. Moskva, TSentr. biuro tekhn. informatsii, 1960. 31 p.

GENEVA CONFERENCE, 1961

The Geneva Conference of Laos M. Egorov Mezhdunar. zhizn' 8 no 9 55-63 S '61

GENITOURINARY ORGANS—DISEASES

Control of trichomonas infections of the urogenital organs [with summary in English]. G R Rohachevskii. Sov zdrav 20 no 6 33-36 '61

Treatment of urogenital trichomoniasis in women by electrophoresis with osarsol E D Svet-Moldavskaia, S D. Leikina, B. N. Il'ieva Vop kur., fizioter i lech fiz. kul't. 26 no 3 254-255 My-Je '61

GEOCHEMICAL PROSPECTING

Conference on geochemical methods of studying underground waters in prospecting for ore deposits. A. M. Ovchinnikov, P. A. Udodov. Izv. vys. ucheb. zav., geol. i razv. 4 no. 1, 130-132 Ja '61.

GEOCHEMISTRY

(see also subdivision under Donets Basin)

Geochemistry in foreign countries. A. P. Vinogradov. Izv. AN SSSR, Ser. geol. 26 no. 7:3-11 Jl '61.

Geochemistry of chlorine IU. P. Masuirenkov, S. I Pakhomov Dokl. AN SSSR 139 no 2:453-455 Jl '61

[Thermodynamics of geochemical processes. Preface by V. V. Shcherbina] Termodinamika geokhimicheskikh protsessov, sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1960. 270 p.

GEODESY

Rectilinear correlation and its application in geodesy. T N Pavlova Trudy MIIGAIK no. 45 139-144 '61

Requirements of gravimetric surveying important in processing measurements of astrogeodetic and leveling networks L. P Pellinen. Trudy TSNIIGAIK no. 139: 3-20 '60.

State standard for geodetic symbols. M. I. Filakhtov. Geod i kart no 7:53 Jl '61.

GEODESY—ABSTRACTS

[Astronomy and geodesy.] Ref. zhur.: Astron. i geod. no. 7 Jl '61.

[Astronomy and geodesy.] Ref. zhur.: Astron. i geod. no. 8 Ag '61.

GEODESY—CONGRESSES

Resolution of the Twelfth General Assembly of the International Union of Geodesy and Geophysics held in Helsinki in 1960. Geod. i kart no 7 67-72 Jl '61.

GEODESY—EQUIPMENT AND SUPPLIES—STANDARDS

Setting up standards for geodetic instruments, astronomy and the time service A. M. Bondarev Standartizatsiia 25 no 8, 32-33 Ag '61

GEODESY—TERMINOLOGY

Some geodetic terms. V. A. Cherviakov. Geod. i kart. no. 7:63-67 Jl '61

GEODIMETER

Some results of investigating the SVV-1 range finder M V. Ratynskii Trudy MIIGAIK no. 45 91-105 '61

Use of Bergstrand's geodimeter in 1960 V. A. Kolibaev. Geod i kart. no. 7:15-17 Jl '61

GEODYNAMICS see subdivision under Kazakhstan

GEOGRAPHICAL SOCIETIES see subdivision under Lithuania; Moscow

GEOGRAPHY

(see also subdivision under Soviet Far East; Ukraine, Uzbekistan)

Discussing V. A. Anuchin's book "Theoretical problems in [illegible] 370

GEOGRAPHY—PERIODICALS

New Soviet geographical journal. E. M. Murzaev Izv. AN SSSR Ser geog no 1:114-146 Jl-Ag '61

GEOGRAPHY—STUDY AND TEACHING

(see also subdivision under Ukraine)

Molchanov, L. A. [Work of the geography club] Rabota geograficheskogo kruzhka, iz opyta raboty uchitelia shkoly No. 28 g. Shakhun't Gor'kovskoi obl. Moskva, Uchpedgiz, 1960. 74 p (Iz opyta uchitelia) (CLU)

Smidovich, I. N. [Laboratory studies on the economic and political geography of foreign countries] Ekonomicheskaia i politicheskaia geografiia zarubezhnykh stran; laboratornye zaniatiia. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 118 p.

Studentov, N. N. [Geography lesson in school; teachers' manual] Urok geografii v shkole; posobie dlia uchitelei. Izd. 2. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 158 p.

Work on local lore in a rural school. V. K. Egorov. Sov. pedag 25 no. 6, 90-92 Je '61.

GEOGRAPHY—TERMINOLOGY

(see also subdivision under Siberia, Eastern)

The international language problem in scientific contacts and scientific work in geography D. L. Armand, N N Baranskii, S. V Obruchev Izv Vses. geog. ob-va 93 no 4 287-303 Jl-Ag '61

GEOGRAPHY—TEXTBOOKS

Creating a "Manual of local lore." A. Kazanskii. Nar. obr. no. 8 74-76 Ag '61.

GEOGRAPHY, ANCIENT—MAPS see subdivision under Novogeorgievsk District

GEOGRAPHY, ECONOMIC see also subdivision 'Economic geography' under Great Britain; Kalinin Province, Kazakhstan, Khakass Autonomous Province

GEOGRAPHY, ECONOMIC—MAPS

Gurari, E. L. [Industrial maps of economic regions] Karty promyshlennosti ekonomicheskikh administrativnykh raionov. Moskva, Izd-vo geodez. lit-ry, 1961. 68 p. (Moscow. TSentral'nyi nauchno-issledovatel'skii institut geodezii, aeros"emki i kartografii. Trudy, no. 141)

Methodological problems in school maps on economic geography; using as an example the "Atlas of the U. S. S. R for the secondary school Course in economic geography" M B Volf Izv. Vses. geog ob-va 93 no. 4:351-355 Jl-Ag '61.

GEOGRAPHY, ECONOMIC—STUDY AND TEACHING

"Methodology for teaching economic geography" by N. N. Baranskii Izv Vses. geog ob-va 350-351 Jl-Ag '61

"Methodology for teaching economic geography; textbook for teachers" by N N Baranovskii. Reviewed by M. G Solov'eva. Vop. geog no. 53:167-175 '61.

GEOLOGICAL SOCIETIES

Activity of the geology section of the Moscow Naturalists' Society. Biul. MOIP. Otd. geol. 36 no. 2:114-123 Mr-Ap '61.

GEOLOGICAL TIME

Rate of recent and late Quaternary sedimentation on the southern part of the Pacific Ocean according to the data of the radiocarbon method I. E. Starik, A. P. Zhabkov, A P Lisitsyn. Dokl AN SSSR 139 no. 4. 970-973 Ag '61.

GEOLOGY

(see also subdivision under Asia, Central; Donets Basin; Gornaya Shoriya; Iceland, Inguleis Valley; Kara-Bogaz-Gol (Strait); Kazakhstan; Okhotsk region; Siberian Platform, White Sea region)

Discussion of P. IA. Antropov's article "Current state of geological studies in connection with the seven-year plan for the development of the Soviet national economy." Izv. vys. ucheb. zav., geol. i razv. 3 no. 6: 105-119 Je '60.

Geology is an exact science. IU. Rybchinskii. Smena 36 no. 14, 21-23 Jl '61.

Letter to the editor. F. V. Chukhov. Izv. vys. ucheb. zav., geol. i razv. 3 no. 6 119 Je '60.

Migration of radioactive elements and its role in the development of the lithosphere V. V. Piotrovskii. Trudy MIIGAIK no 44:23-33 '61.

GEOLOGY—ABSTRACTS

[Geology.] Ref. zhur.; Geol. no. 8 Ag '61.

GEOLOGY—BIBLIOGRAPHY see Bibliography—Geology

GEOLOGY—CONGRESSES

Concerning the work of the committee on a geological map of the world and the work of the section on the genetic problem of ores at the 21st session of the International Geological Congress. E. T. Shatalov. Biul. MOIP. Otd. geol. 36 no. 2, 129-130 Mr-Ap '61.

Concerning the work of the petrographic section of the 21st session of the International Geological Congress and impressions from excursions through Sweden. O. A. Vorov'ev. Biul. MOIP. Otd. geol. 36 no. 2:130-131 Mr-Ap '61

Fifth All-Union Conference of the Commission on the Study of Geology in the U. S. S. R. V T. Stabrin, D F Zernets'kyi. Geol zhur. 21 no 3 113 '61.

GEOLOGY—MAPS

Possible errors in geological mapping based on geophysical graphs I. M Agul'nik. Trudy SNIIGGIMS no 9 131-137 '60.

GEOLOGY—STUDY AND TEACHING

Such practice is useful for correspondence students A M Znamenskii Sred spets obr. 8 no. 7:33-35 Jl '61.

GEOLOGY, STRATIGRAPHIC

(see also subdivision under Alatyr' region; Aldan Plateau, Amu Darya Valley, Antarctic regions, Azerbaijan; Badkhyz; Baltic Sea region; Bashkiria, Brest Province, Carpathian Mountains, Caspian Lowland; Caucasus, Northern, Crimea; Chu-Ili Mountains; Chulym Valley; Dnieper Donets Lowland, Donets Basin; Donets Ridge, Emba region, Franz Josef Land; Greater Balkhan Range; Issyk-Kul', Tien Shan; Kalba Range; Kama Valley; Karelia; Klyaz'ma Valley, Kokchetav region; Kuma Valley; Ladoga Lake region, Lower Tunguska Valley; Mangyshlak Peninsula, Mezen' Valley, Nelidovo region, Kalinin Province; Novoaydar District; Or' Valley; Orulgan Range; Pechora Basin, Podkamennaya Tunguska Valley, Pripet Valley, Russia, Northern, Russian Platform; Saratov Province; Segozero Lake region; Shombozero Lake region, Soviet Far East; Stalingrad Province; Suoyarvi Lake region; Tatar A. S. S. R., Taymyr Peninsula, Terek Valley; Tien Shan; Tiriyanskiy region; Turkmenistan; Ukraine, Ukraine, Western; Ural Mountain region, Volga Valley; White Russia; Yenisey Valley; Yergeni Hills)

Discussion on the delineation of the lower boundary of the Quaternary and its stratigraphic subdivision. N S. Chebotareva. Izv. AN SSSR Ser geog. no. 4:41-44 Jl-Ag '61.

Present status of the studies on the delineation of the lower boundary of the Quaternary system and its stratigraphic subdivision. V. I. Gromov and others. Izv. AN SSSR. Ser geog no. 4:33-41 Jl-Ag '61.

Successive layers of some intermountain depressions of the Caledonian period in the U. S. S. R. [with summary in English]. O. A. Mazarovich. Biul. MOIP. Otd. geol. 36 no. 2, 11-26 Mr-Ap '61.

GEOLOGY, STRATIGRAPHIC—MAPS

Map of Quaternary sediments of the U. S. S. R. G S Ganeshin and others. Izv. AN SSSR. Ser. geog. no 4: 14-24 Jl-Ag '61.

GEOLOGY, STRUCTURAL

(see also subdivision under Aldan Plateau; Azov Upland; Baikal Lake region; Carpathian Mountains, Caucasus, Northern, China; Donets Basin; Sayan Mountains, Siberia; Siberia, Eastern; Siberia, Western; West Siberian Plain; Yenisey Valley; see also Geomorphology)

Belousov, V. V. [Structural geology] Strukturnaia geologiia. [Moskva] Izd-vo Mosk. univ., 1961. 206 p.

Laboratory studies on the influence of tectonic movements on river valley formation. N. I. Makkaveev, N V. Khmeleva. Izv. AN SSSR Ser. geog. no. 4:110-117 Jl-Ag '61.

GEOLOGY, STRUCTURAL—MAPS

Map of the recent tectonics of the U. S. S. R. N. I. Nikolaev, S S. Shul'ts. Izv. AN SSSR. Ser. geog. no 4:25-32 Jl-Ag '61.

GEOMETRICAL DRAWING

"Collected problems in projective drawing" by T. S. Borichevskii, V. P. Matanov, L. M. Pyzhevich. Mashinostroitel' no. 7:46 '61.

IUditskii, M. M. [Construction of axonometric drawings without the use of secondary projections] Postroenie aksonometricheskikh izobrazhenii bez ispol'zovaniia vtorichnykh proektsii. Khar'kov, Izd-vo Khar'kovskogo gos. univ. im. A. M. Gor'kogo, 1958. 36 p.

GEOMETRICAL OPTICS see Optics, Geometrical

GEOMETRY, KINEMATIC see Kinematic geometry

GEOMETRY, NON-EUCLIDEAN

Internal geometry of rheonomic space. A. V. Gokhman. Izv. vys. ucheb. zav.; mat. no. 3:14-20 '61.

GEOMORPHOLOGY

(see also subdivision under Poland; West Siberian Plain)

Position of geomorphology in the system of sciences; in connection with the new edition of I. S. Shchukin's "General geomorphology," L. G. Kamanin, S. S. Korzhuev. Izv. AN SSSR. Ser. geog. no. 4:118-126 Jl-Ag '61.

GEOMORPHOLOGY—CLASSIFICATION

Geomorphological taxonomy and some principal geomorphological ideas A I Spiridonov Izv AN SSSR Ser geog no 4,127-136 Jl-Ag '61

GEOMORPHOLOGY—MAPS see subdivision under Ural Mountain region

GEOPHYSICAL OBSERVATORIES see subdivision under Pleshchenitsy

GEOPHYSICAL RESEARCH

International Geophysical Committee, January 25, 1961, Paris Geomag. i aer. 1 no.2 282-290 Mr-Ap '61.

Use of V. A. Kotel'nikov's theorem in the study of geophysical phenomena. V. I Pochtarev. Geomag i aer. 1 no. 2:278-281 Mr-Ap '61

GEOPHYSICS

Geophysics and outer space. B. A. Mirtov. Tekh. mol 29 no 6:23 '61

GEOPHYSICS—ABSTRACTS

[Geophysics] Ref. zhur.: Geofiz. no.8 Ag '61.

GEOPHYSICS—CONGRESSES

Resolution of the Twelfth General Assembly of the International Union of Geodesy and Geophysics held in Helsinki in 1960. Geod i kart. no. 7:67-72 Jl '61

GEORGIA—ALPINE FLORA

Investigating the flora of Colchian subalpine tall-grass meadows [in Georgian with summary in Russian]. R. I Gagnidze Zam po sist. i geog rast. no. 22:83-89 '61

GEORGIA—ANTIQUITIES

Takaishvili, Euthymius. [Archaeological expedition undertaken in 1917 in the southern provinces of Georgia] Arkheologicheskaia ekspeditsiia 1917 goda v iuzhnye provintsii Gruzii. Tbilisi, Akad. nauk Gruzinskoi SSR, 1960. 95 p. [In Georgian.]
(MH)

GEORGIA—CULTURE

[Collected materials on the ten-day festival of Georgian art and literature held in Moscow during March, 1958] Dekada gruzinskogo iskusstva i literatury v Moskve, mart 1958. Sbornik materialov. Tbilisi, Izd-vo Soiuza pisatelei Gruzii "Zaria Vostoka," 1959. 690 p.

GEORGIA—DIATOMS

New species of diatoms for Georgia. K. G Kanchaveli. Zam po sist. i geog rast no 22:3-7 '61.

GEORGIA—DRUGSTORES

Pharmaceutical service on the 40th anniversary of the establishment of Soviet rule in Georgia. O. A. Nishnianidze, I. S. Tabagari. Apt. delo 10 no. 3:9-13 My-Je '61.

GEORGIA—EDUCATION

Development of public education in Georgia for the last 40 years. T. V. Lashkarashvili Rad shk. 40 no. 5 9-13 My '61

GEORGIA—FLOWERS

Assortment of flowers for the Black Sea coast of Western Georgia. V. S. IAbrova-Kolakovskaia. Trudy Sukh. bot. sada no. 12:289-305 '59.

GEORGIA—GRAIN—DISEASES AND PESTS

Measures for controlling pests of headed grain crops in the southeastern steppe zone of the Georgian S. S. R. N. D. Tulashvili, E. M. Samundzheva. Agrobiologiia no. 4:577-581 Jl-Ag '61.

GEORGIA—ORTHOPEDIC SOCIETIES

Tiflis. Nauchno-issledovatel'skii institut travmatologii i ortopedii. [Reports of a meeting on research and practice of the Research Institute for Traumatology and Orthopedics, held jointly with the Georgian Society of Traumatology and Orthopedics in honor of the 40th anniversary of the Great October Socialist Revolution] Tezisy dokladov nauchno-prakticheskoi sessii Nauchnoi-issledovatel'skogo instituta travmatologii i ortopedii sovmestno s Obshchestvom travmatologov i ortopedov Gruzii, posviashchennoi 40-letiiu Velikoi Oktiabrskoi sotsialisticheskoi revoliutsii. Tbilisi, 1957. 30 p.
(DNLM)

GEORGIA—PUBLIC HEALTH

Public health in the Georgian SSR during the past 40 years. I. I. Nikobadze. Sov. zdrav. 20 no. 6:45-51 '61.

GEORGIA—PRECAST CONCRETE CONSTRUCTION

Industrialization of construction in Georgia. B. Pruetskii. Sel'. stroi. 16 no. 6:6-7 Je '61.

GEORGIA—ROAD CONSTRUCTION

Best crew of road workers in Georgia. S. G. Statnikov. Avt. dor. 24 no. 7:1-4 Jl '61.

GEORGIA—SOCIAL CONDITIONS

Sunshine over Sakartvelo. Tamara Iliatovskaia. Smena 38 no. 9:5-7 My '61.

GEORGIA—TEA TRADE

Let's have some tea.... Ilia Meskhi. Ogonek 39 no. 27: 28-29 Jl '61.

GEORGIA—THEATER

Dzhaneldze, Dimitrii. [The Georgian theater from ancient times to the second half of the 19th century] Gruzinskii teatr s drevneishikh vremen do vtoroi poloviny XIX veka. Tbilisi, Zaria Vostoka, 1959. 375 p.
(MH)

GEORGIA—TROPICAL PLANTS

Trees and shrubs of the subtropical regions of western Georgia [with summary in English]. A. V. Vasil'ev. Trudy Sukh. bot. sada no. 12:3-160 '59.

GEORGIA—VILLAGES

Robakidze, A. I. [Villages and dwellings of Georgian mountaineers in the past and at present] Zhilishche i poselenita gortsev Gruzii v proshlom i nastoiashchem. Moskva, 1960. 11 p.
(CLU)

GEORGIAN CIVILIZATION see Civilization, Georgian

GEORGIAN LANGUAGE—GRAMMAR

TSuloiskiri, V. G., and P. G. Chanishvili. [Self-instruction in the Georgian language] Samouchitel' gruzinskogo iazyka. Izd. 4., massovoe, perer. i dop. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo," 1960. 345 p. [In Georgian and Russian.]

GEORGIAN TALES see Tales, Georgian

GEORGIANS

Baramiia, Mikhail. [The Georgian people in the struggle for the defense of the Caucasus] Gruzinskii narod v bor'be za oboronu Kavkaza. Tbilisi, Izd-vo AN Gruz. SSR. 1960. 185 p. [In Georgian.]
(MH)

GERBERA

Structural anomalies in the flower of gerbera. T. A. Chochua Trudy Sukh. bot. sada no. 12:307-311 '59.

GERBILS—PARASITES see Parasites—Gerbils

GERGETI GLACIER

Gergeti Glacier V. V. Agibalova, V. I. Vilenkin. Izv. Vses geog. ob-va 93 no. 4:330-334 Jl-Ag '61.

GERMAN DEMOCRATIC REPUBLIC see Germany, East

GERMAN FEDERAL REPUBLIC see Germany, West

GERMAN LANGUAGE—ADJECTIVE

Characteristics of the declension of adjectives in German. E. S. Troianskaia. Inostr. iaz v shkole no 2:104-107 Mr-Ap '61.

GERMAN LANGUAGE—GRAMMAR

Development of basic topics on German language grammar for grade 5. L. M. Strodt, Z. I. TSyrlina. Inostr. iaz. v shkole no. 2:38-47 Mr-Ap '61.

GERMAN LANGUAGE—GRAMMAR, COMPARATIVE—RUSSIAN

Krushel'nitskaia, K. G. [Comparative grammar of the German and Russian languages] Ocherki po sopostavitel'noi grammatike nemetskogo i russkogo iazykov. Moskva, Izd-vo lit-ry na inostr. iazykakh, 1961. 264 p. (Biblioteka filologa)

GERMAN LANGUAGE—STUDY AND TEACHING

Basic instruction in German speech in grade 5. S. F. Shatilov. Inostr. iaz. v shkole no. 2:16-22 Mr-Ap '61.

Dialogues in the German language for grade 8. Inostr. iaz. v shkole no. 2:91-92 Mr-Ap '61.

Differentiated measuring of knowledge, skills and habits in German language. E. D. Shirokov. Inostr iaz v shkole no 3:70-74 My-Je '61.

"Exercises for the development of oral speech in German" by E. A. Bakhareva. Reviewed by V. Glubner. Inostr. iaz. v shkole no. 2:115-116 Mr-Ap '61.

German language instruction in the second course of schools where some other subjects are taught in German. I. L. Bim. Inostr. iaz. v shkole no. 2:62-70 Mr-Ap '61.

How to work with the revised German language textbook for the seventh grade. D. V. Ivanov. Inostr iaz v shkole no 3:3-11 My-Je '61

Organizing testing during German language instruction of sixth grade students G. A. Soldatov. Inostr. iaz. v shkole no 3:66-70 My-Je '61

Special exercises in understanding by ear. N. A. Bazarnov. Inostr. iaz. v shkole no. 2:30-33 Mr-Ap '61.

Teaching German speech L. B. Bekker. Doshk. vosp. 34 no. 6:61-63 Je '61.

Use of supplementary material in teaching how to read. G. V. Elzele. Inostr. iaz. v shkole no. 2:34-38 Mr-Ap '61.

Work of a group of German language teachers at the Moscow School No. 3. N. V. Markushevich. Inostr. iaz. v shkole no. 2:52-61 Mr-Ap '61.

Work of the German language teacher in the Lenin hall of the school. Inostr. iaz. v shkole no. 2:64-68 Mr-Ap '61.

GERMAN LANGUAGE—STYLE

Polar features of style and their linguistic realization E G Rizel' Inostr iaz v shkole no 3 96-103 My-Je '61

"Stylistics of the German language" by P. G. Riesel. Reviewed by M. R. Ushneva, T. M. Nedialkova Inostr iaz v shkole no 2:116-117 Mr-Ap '61.

GERMAN REUNIFICATION QUESTION (1949-)

The German people should get a peace treaty Kommunist 38 no 13 115-126 S '61

A peace treaty and the false slogan of "self-determination." Mezhdunar zhizn' 8 no 9:64-69 S '61

GERMAN SOCIALISTS see Socialists, German

GERMANITE

Pyrite deposits of germanite and renierite F L. Smirnov Geol. mest. red elem no 5 77-86 '59

GERMANIUM

(see also subdivision under Kipushi, Congo, Tsumeb, Southwest Africa)

Anisotropy of the microhardness of germanium M S. Ablova Fiz. tver tela 3 no 6 1815-1820 Je '61.

Concentration dependence of the thermo-emf in n- and p-germanium. P. I Baranskii Fiz tver. tela 3 no 6 1786-1789 Je '61

Geochemistry of germanium and prospecting indications of high-grade germanium ores. A. I Ginzburg. Geol mest. red. elem. no. 5:86-91 '59.

Germanium in iron ores. G S Momdzhi, V. M Grigorev. Geol. mest. red. elem. no. 5 92-103 '59.

Germanium minerals. L. V. Cherepysheva. Geol. mest. red. elem no. 5:10-34 '59.

Impact ionization of impurities in germanium at low temperatures E I Zavritskaia. Fiz. tver. tela 3 no 6 1887-1895 Je '61.

Investigation of germanium surfaces by means of an electron microscope R. IA. Berlaga, P P Konorov, M. I. Rudenok. Radiotekh i elektron. 6 no 8, 1370-1373 Ag '61.

Main areas of the use of germanium and present status of its production in capitalist countries. I. V. Simanenkov. Geol. mest. red. elem. no 5 5-10 '59.

Some regularities in the distribution of germanium in iron deposits. G. B. Zhilinskii. Izv. AN Kazakh. SSR. Ser. geol. no. 2:70-77 '61.

Sorption of germanium on aluminum hydroxide. I. V. Tananaev, M. IA. Shpirt, T. I Sendul'skaia Dokl. AN SSSR 139 no. 4 907-909 Ag '61.

Structure of germanium and silicon surface layers based on optical and electron diffraction data [with summary in English]. V. V. Andreeva, N. A. Shishkov. Zhur. fiz. khim. 35 no. 6:1351-1358 Je '61.

Surface tension of germanium, silicon, and diamond [with summary in English]. B. V. Belogurov Zhur fiz. khim. 34 no. 2:440-443 F '60.

GERMANIUM—ANALYSIS

Amperometric titration of germanium with a pyrocatechol solution [with summary in English] A I Zelianskaia, N. V. Stoshkova Zhur. anal khim 16 no 4 430-432 Jl-Ag '61.

GERMANIUM—BIBLIOGRAPHY see Bibliography—Germanium

GERMANIUM—ELECTRIC PROPERTIES

Changes produced in the surface charge on germanium samples by heating in a vacuum A. V Rzhanov Fiz tver tela 3 no. 6:1718-1722 Je '61.

Effect of oxygen adsorbed on germanium surface on the lifetime of minority current carriers. R Kh. Burshtein, S. I. Sergeev. Dokl. AN SSSR 139 no. 1:134-136 Jl '61.

Effect of unilateral compression on the electrical properties of p-type Ge at low temperatures [with summary in English]. M. A. Il'ina, I. A. Kurova. Zhur. eksp. i teor. fiz 41 no. 1:81-82 Jl '61.

GERMANIUM—MAGNETIC PROPERTIES

Hall constant in p-Ge as a function of the magnetic field intensity. Z. A. Zavadskii, IU. T. Kovrizhnykh, I. G. Fakidov. Zhur. eksp. i teor. fiz. 40 no. 4:1229-1231 Ap '61.

GERMANIUM—SPECTRA

Rapid spectrographic determination of germanium in iron oxide ores. V. G. Khitrov, A. K. Russanov. Zav. lab. 27 no. 7:849-851 '61.

GERMANIUM CRYSTALS—GROWTH

Mechanism of the growth of germanium single crystals from a molecular beam. G. A. Kurov. Fiz. tver. tela 3 no. 6:1662-1667 Je '61.

GERMANY—BOUNDARIES

Eloquent silence. Volov, ateist no. 1:61-62 Ja '61.

GERMANY—COMMUNIST PARTY

Dlakin, V.S. [The Communist Party of Germany and the "united front" question during the relative stabilization of capitalism from 1924 to 1928] Kommunisticheskaia partiia Germanii i problema edinogo fronta v gody otnositel'noi stabilizatsii kapitalizma, 1924-1928 gg. Moskva, Izd-vo Akad. nauk SSSR, 1961. 137 p.

GERMANY—CONCENTRATION CAMPS

Mirchuk, Petro. [In the German mills of death; recollections of life in German prisons and concentration camps from 1941 to 1945] V nimets'kykh mlynakh smerty, spomyny z pobutu v nimets'kykh tiurmakh i kontslagerakh 1941-1945. New York, Ukrains'kyi soiuz politychikh v tiazniv, 1957. 236 p. (IU)

GERMANY—COOPERATIVE SOCIETIES

Nobody believes you, Mister Hasselman! P Kabanov Sov potreb koop 5 no 8 52-54 Ag '61

GERMANY—HISTORY

German militarism and Hitler's rise to power. L.Bezymenskii. Voen.ist.zhur. 3 no.4 111-118 Ap '61.

GERMANY—HISTORIOGRAPHY

"German historiography of the Great October Socialist Revolution" by V.I Salov Reviewed by A E Ekshtein Vop ist no 7:137-139 Jl '61

How the historians of the German Democratic Republic struggle against "Ostforshung" in West Germany M.R Tel'chinskii Ist SSSR 5 no 4 201-209 Jl-Ag '61

GERMANY—MILITARISM

Consistent struggle against German militarism Vsem prof dvizh no 6 52 Je '61

GERMANY—PEACE TREATIES

The German people should get a peace treaty Kommunist 38 no 13 115-126 S '61

GERMANY—POLITICS AND GOVERNMENT

"The dawn of freedom, the German people in the struggle for unity and peace" [in German] by H Neef and "The struggle of the German People's Congress for unity and the peace treaty" by G N Goroshkova Reviewed by I.A. S Drabkin Vop ist no 7 161-164 Jl '61

Under one sky Lev Ginzburg Nov. vrem 19 no 35 8-10 Ag '61

GERMANY—SOCIALIST PARTY

Liebknecht, Karl Paul August Friedrich. [Selected speeches, letters, and articles. Preface by Wilhelm Pieck] Izbrannye rechi, pis'ma i stat'i. Moskva, Gos. izd-vo polit lit-ry, 1961. 510 p.

GERMANY—UKRAINIANS

Mirchuk, Petro. [In the German mills of death; recollections of life in German prisons and concentration camps from 1941 to 1945] V nimets'kykh mlynakh smerty; spomyny z pobutu v nimets'kykh tiurmakh i kontslagerakh 1941-1945. New York, Ukrains'kyi soiuz politychikh v tiazniv, 1957. 236 p. (IU)

GERMANY—WORLD WAR, 1939-1945—PEACE

Artificial chill Nov. vrem. 19 no. 28-2-3 Jl '61

Historical necessity. Mezhdunar. zhizn' 8 no 8-3-8 Ag '61

In the fumes of war hysteria. V. Berezhkov. Nov vrem 19 no 32 10-13 Ag '61.

GERMANY—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

"To starve and to obey" [in German] by Werner d by G. Bespalov. Mir. ekon. i 8.150-153 Ag '61.

GERMANY—YOUTH

Communiqué of the Political Bureau of the Central Committee of the German Socialist Unity Party on the problems of youth. Sov pedag 25 no 6:127-132 Je '61

GERMANY, EAST—AGRICULTURE

Zmienko, P. IA., and I. I. Spasibin. [Agriculture of the German Democratic Republic] Sel'khoe khoziaistvo Germanskoi Demokraticheskoi Respubliki. Moskva, Gos. izd-vo sel'skoz. lit-ry, 1961. 165 p.

GERMANY, EAST—AIR—PURIFICATION

New electric filters. Okhr. truda i sots. strakh. 4 no. 7-34 Jl '61.

GERMANY, EAST—ARMY

We develop our friendly contacts G Patz Blok. agit. [Sov Armii] no. 22-41-42 Ag '61.

GERMANY, EAST—AUTOMOBILE INDUSTRY

Automobile manufacturers of the German Democratic Republic struggle for progress. H. Gerlach. Za rul 19 no 5:26-27 My '61.

GERMANY, EAST—BAKERS AND BAKERIES

New bread factory in the German Democratic Republic Gerhard Zitlau Khleb i kond. prom 5 no 7 38-41 Jl '61

GERMANY, EAST—COLOR PHOTOGRAPHY—EQUIPMENT AND SUPPLIES

Twenty-fifth anniversary of "Agfacolor." Sov. foto 21 no 7 33 Jl '61

GERMANY, EAST—DESCRIPTION AND TRAVEL

With pencil and album. A.V. Kokorin. Sov. voin 43 no 8 32 Ap '61

GERMANY, EAST—EDUCATION, PRESCHOOL

Training of small children in the German Democratic Republic E I Makarova Doshk vosp 34 no. 8, 100-103 Je '61

GERMANY, EAST—EDUCATION, PRESCHOOL—BIBLIOGRAPHY

Survey of literature on preschool education in the German Democratic Republic Walt and Singer Doshk. vosp 34 no 7 110-113 Jl '61

GERMANY, EAST—EDUCATION, PRESCHOOL—PERIODICALS

With our friends Doshk vosp. 34 no 6-103-104 Je '61

GERMANY, EAST—FLORICULTURE

Floricultural research in the German Democratic Republic. S G Saakov. Bot zhur. 46 no. 5:740-743 My '61

GERMANY, EAST—FOREIGN ECONOMIC RELATIONS—RUSSIA

Economic negotiations between the U. S. S. R. and the German Democratic Republic Vnesh torg 41 no 7 insert 7-8 Jl '61.

GERMANY, EAST—FOREIGN RELATIONS

The international position of the German Democratic Republic. Dr. Johannes Dieckmann. Nov. vrem. 19 no 33 14-15 Ag '61.

GERMANY, EAST—GERMAN LANGUAGE—COMPOSITION AND EXERCISES

Working on descriptive compositions in schools of the German Democratic Republic. L.G. Maksidonova. Rus. iaz. v shkole 22 no. 4-83-87 Jl-Ag '61.

GERMANY, EAST—GRAIN MILLING

Problem pertaining to the better utilization of the productive capacity of grain milling enterprises in the German Democratic and German Federal Republics. G. Bardyshev. Muk.-elev prom 27 no. 8. 29-30 Ag '61

GERMANY, EAST—METALWORK

Practice in specialization in the metalworking industry in East Germany T I Razumova Mashinostroitel' no 8 39 Ag '61.

GERMANY, EAST—MILITARY BASES, RUSSIAN

Excellent results every day. Sov. voin 43 no. 8-13-15 Ap '61.

Guarding the western frontiers of the socialist camp. I. I Iakubovskii. Sov. voin 43 no. 8-2-3 Ap '61.

Joyful encounters. Sov. voin 43 no. 8-26 Ap '61.

GERMANY, EAST—MOTION-PICTURE PHOTOGRAPHY—BIBLIOGRAPHY

Books published for amateur motion-picture photographers by the Publishing House for Photography and Cinematography of the German Democratic Republic V. Posnashkov. Sov. foto 21 no. 7:46 Jl '61.

GERMANY, EAST—NAVY

Shoulder to shoulder. V. Kazarinova. Sov. voin 43 no. 8 30-31 Ap '61.

GERMANY, EAST—PIONEERS (COMMUNIST YOUTH)

The Ernst Thaelmann Pioneer Organization of Germany R. Biese. Shkola-int. no 2:84-86 Mr-Ap '61.

GERMANY, EAST—PLANTERS (AGRICULTURAL MACHINERY)

Tractor-mounted "Original-Saxonia" planter. IU. B. Basin. Trakt. i sel'khozmash. 31 no. 2 46-47 F '61.

GERMANY, EAST—POLITICS AND GOVERNMENT

Mel'nykov, I. P. [The German Democratic Republic, a bulwark of peace in the center of Europe] Nimets'ka Demokratychna Respublika-oplot myru v tsentri IEvropy. Kyiv, Derzh. vyd-vo polit. lit-ry, 1960. 83 p. (NNC)

GERMANY, EAST—RELATIONS (GENERAL) WITH RUSSIA

About our great friends. K. Selikhov. Shkola-int no. 2 86-87 Mr-Ap '61.

Delegates from Vogtland. Elena Serebrovskaia. Ogonek 39 no 27:23-24 Jl '61.

Friendship! Freundschaft! G. Poltavskii and others. Sov voin 43 no. 8-20-31 Ap '61.

GERMANY, EAST—SIEVES

All-metal sieves with sliding frames made in the German Democratic Republic A Demskii Muk.-elev prom 27 no 8 30-32 Ag '61

GERMANY, EAST—SOCIALIST COMPETITION

Socialism is on the banner. V. Lobanov. Sov. profsoiuzy 17 no 15 36-38 Ag '61.

GERMANY, WEST—ARMAMENTS, COST OF

The Bundeswehr and the state treasury. V. Tivanov. Mir. ekon. i mezhdunar. otn. no. 8:94-99 Ag '61.

GERMANY, WEST—ARMED FORCES IN FOREIGN COUNTRIES

The Bundeswehr has arrived in England. B. Slidnev Mezhdunar. zhizn' 8 no 9 111-113 S '61

GERMANY, WEST—ARMY

An evil alliance of American and West German militarists F Penkin. Blok agit. [Sov. Armii] no 15 44-46 My '61

GERMANY, WEST—AUTOMATIC CONTROL

Contactless signaling device for the automatic control of mechanisms (from "ETZ-A," no. 9, 1960). IA. E. Vol'fkovich. Prom. energ. 16 no. 5.52-53 My '61.

GERMANY, WEST—AUTOMOBILE RACING

Record car for 800 km/h speeds. Za rul. 19 no 5 32 My '61

GERMANY, WEST—BRIDGES—BEARINGS

Rubber and steel bearings for great pressures. IA. S Fain Avt dor 24 no. 6 29 Je '61.

GERMANY, WEST—BUDGET

The Bundeswehr and the state treasury. V. Tivanov. Mir. ekon. i mezhdunar. otn. no. 8.94-99 Ag '61.

GERMANY, WEST—COMMERCE—IRAN

West German "friends" of Iran R IAkovlev Az i Afr segodn. no 7 58 Jl '61

GERMANY, WEST—COMMUNIST PARTY

Militant vanguard of the workers of the German Federal Republic J Gruen Agitator no. 15:41-42 Ag '61

Shoverda, L. A. [The labor movement in the German Federal Republic] Rabochee dvizhenie v Federativnoi Respublike Germanii. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 85 p.

GERMANY, WEST—DEFENSES

The Bonn carousel of war. I. Ermashev. Nov. vrem 19 no. 34 9-11 Ag '61.

NATO, shield and sword of the Bonn revenge-seekers I. Ermashev. Nov. vrem. 19 no 31:6-9 Jl '61

GERMANY, WEST—DESCRIPTION AND TRAVEL

Sketches from the Rhine. L. Zvenigorodskii Ogonek 31 no. 30:32 Jl '61.

GERMANY, WEST—DRYING APPARATUS

Apparatus for drying wood shavings ("New Zealand Timber Journal," 7 no. 3, 1960). Der. prom. 10 no 7 32 Jl '61.

GERMANY, WEST—FOREIGN RELATIONS

In defense of the policy of revanche and aggression (the postwar foreign policy of German" [in German] by Wilhelm G Grewe. Reviewed by A. Ivanov, N Izmail...) Mezhdunar. zhizn' 8 no. 9:132-136 S '61.

GERMANY, WEST—GRAIN MILLING

Problem pertaining to the better utilization of the productive capacity of grain milling enterprises in the German Democratic and German Federal Republics G. Bardyshev Muk.-elev. prom. 27 no. 8 29-30 Ag '61

GERMANY, WEST—HISTORIOGRAPHY

"To starve and to obey" [in German] by Werner Berthold. Reviewed by G. Bespalov. Mir. ekon. i mezhdunar. otn. no. 8:150-153 Ag '61.

GERMANY, WEST—MAGNETIC INSTRUMENTS

Contactless signaling device for the automatic control of mechanisms (from "ETZ-A," no. 9, 1960). IA. E. Vol'fkovich. Prom. energ. 16 no. 5:52-53 My '61.

GERMANY, WEST—MILITARISM

European security and the atomic rearmament of the Federal Republic of Germany. A. Arzumanian. Mir. ekon. i mezhdunar. otn. no. 7:31-44 Jl '61.

Hold in check Bonn revanche plotters. V. Alekseev Komm. Vooruzh. Sil 1 no. 16:27-31 Ag '61.

A peace treaty and the false slogan of "self-determination." Mezhdunar. zhizn' 8 no. 9:64-69 S '61.

Problems of European security and the threat of West German militarism. E. Novosel'tsev. Mir. ekon. mezhdunar. otn. no. 7:128-137 Jl '61.

GERMAN, WEST — MILITARISM (Continued)

This is how plans for revenge are being forged. H Kawig Sov. voin 43 no 8 47 Ap '61.

West Germany is a dangerous center of future aggression. V. Vladimirov. Blok. agit. [Sov. Armii] no.21 46-3 of cover Jl '61

GERMANY, WEST—POLITICS AND GOVERNMENT

The Bonn chancellor and his party ("An account of fifty years on the characteristics of Adenauer party" [in German] by Wilhelm Karl Gerst. Reviewed by A Giller, V Chernov) Nov vrem 19 no 35 29-31 Ag '61

The Social-Democratic Party of Germany. I. Viktorov. Mir. ekon. i mezhdunar. otn. no.8 134-142 Ag '61.

GERMANY, WEST—RAILROADS—MAINTENANCE AND REPAIR

New system for the cleaning of passenger cars Zhel. dor transp 43 no 6 92-94 Je '61

GERMANY, WEST—RAILROADS—ROLLING STOCK

Diesel-powered and electric rolling stock on the railroads of the German Federal Republic P I Kmetik Elek i tepl tiaga 5 no. 5 16-18 My '61.

GERMANY, WEST—RELATIONS (GENERAL) WITH RUSSIA

"Jawohl." Lev Sheinin Ogonek 39 no. 30-27-28 Jl '61.

GERMANY, WEST—RELATIONS (MILITARY) WITH SCANDINAVIA

Strategic plans of the Bonn Government in regard to the Baltic Sea region. A Pogodin. Mezhdunar zhizn' 8 no 9:48-54 S '61

GERMANY, WEST—ROLLING MILLS

Design details of a rolling mill built in a mining district. A. I. Aniutin. Prom. stroi. 39 no. 7:56-59 '61.

GERMANY, WEST—RUSSIAN STUDIES

How the historians of the German Democratic Republic struggle against "Ostforshung" in West Germany. M. R. Tul'chinskii Ist SSSR 5 no. 4 204-209 Jl-Ag '61

GERMANY, WEST—SELF-GOVERNMENT (IN EDUCATION)

"Social partnership" ideas and the training of the rising generation in West Germany V I. Malinin, M A. Sokolova Sov. pedag. 25 no. 7 107-123 Jl '61.

GERMANY, WEST—SHAFT SINKING

Rapid shaft sinking by means of boring in the German Federal Republic. N A Egorov. Ugol' Ukr. no 6:43 Je '61.

GERMANY, WEST—SOCIAL SCIENCES—STUDY AND TEACHING

"Social partnership" ideas and the training of the rising generation in West Germany V. I. Malinin, M A. Sokolova Sov. pedag. 25 no 7.107-123 Jl '61

GERMANY, WEST—STRIKES AND LOCKOUTS

Sheverda, L. A. [The labor movement in the German Federal Republic] Rabochee dvizhenie v Federativnoi Respublike Germanii. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961, 85 p.

GERMANY, WEST—WAR—ECONOMIC ASPECTS

The Bonn carousel of war I Ermashev Nov vrem. 19no.34.9-11 Ag '61

GERMICIDES see Disinfection and disinfectants; Fungicides

GERMINATION

Characteristics of proteolysis in germinating seeds of leguminous plants N I. Proskuriakov, I. I Tovarova Nauch. dokl. vys. shkoly, biol nauki no 3:155-158 '61

Evaluating the germinative capacity of corn. M. Golik, N. Festa Muk -elev prom 27 no. 8 26-27 Ag '61

GERMINATION (BOTANY) see Plants—Reproduction

GERMS see Bacteria

GHANA

Ghana builds a new life ("Ghana and the new Africa" by Douglas Warner. Reviewed by V. Gorodnov). Mezhdunar. zhizn' 8 no. 8:130-131 Ag '61.

Optimistic Africa (conclusion). Aleksandr Serbin, Ogonek 39 no. 30:13-14 Jl '61.

GHANA—COOPERATIVE SOCIETIES

The truth about the "events" in Ghana. V. Kondratov Sov. potreb. koop. 5 no 7:55-56 Jl '61

GHANA—RELATIONS (GENERAL) WITH THE UKRAINE

Our guests from Africa. Ukraina no.15:2 Ag '61.

GIARDIASIS

Lambliasis of the bile ducts. E. D. Polumordvinova Fel'd. i akush. 26 no. 7 9-12 Jl '61.

GIBBERELLIC ACID

Effect of gibberellic acid on protococcoid algae. V. V. Pinevich, N N. Verzilin, V E. Vasil'eva. Nauch dokl vys. shkoly, biol. nauki no 3:151-154 '61

GIBBERELLINS

Reaction of mint Mentha piperita L. to gibberellin E. I. Kryshov, D F Shkurat Bot zhur 46 no 5:787-710 My '61

GIFTED CHILDREN see subdivision under United States

GILIAROVSKII, VASILII ALEKSEEVICH, 1875-

Clinical and morphological studies in the works of V A Giliarovskii V. A Romasenko Zhur nevr i psikh 61 no. 5 760-762 '61

Clinical school of V A Giliarovskii E N Kameneva. Zhur nevr i psikh 61 no. 5 762-764 '61

Concerning V. A. Giliarovskii's work, "Problem of the genesis of stammering in children and its role in the general development of the personality and its treatment" N. A Vlasova, V S. Kechergina. Zhur nevr. i psikh 61 no 5 767-768 '61

Importance of V A Giliarovskii in the development of child psychiatry T. P. Simson Zhur nevr. i psikh 61 no 5 766-767 '61

Pedagogical and therapeutic acitivity of V. A Giliarovskii K A Skvortsov Zhur nevr i psikh 61 no. 5 759 '61.

Problems in the organization of psychiatric care, psychoprophylaxis, and psychotherapy in the works of V. A Giliarovskii. N. M. Zharikov, G V. Morozov, V E Rozhnov. Zhur. nevr. i psikh 61 no 5 765-766 '61

Therapeutic views of V. A Giliarovskii. V E. Galenko. Zhur. nevr i psikh. 61 no. 5 764-765 '61.

V A. Giliarovskii's 85th birthday. I I Lukomskii. Zhur. nevr. i psikh 61 no. 5-756-758 '61.

GINKGOALES, FOSSIL see subdivision under Bulun region

GINSENG

Ginseng. T. IA. Sidel'nikova. Zdorov'e 7 no. 6:31 Je '61

GIRAFFES

"Curious" giraffe L. Antonov IUn nat no 6 35 Je '61.

GLACIAL EPOCH

Present state of research on the glacial period and its role in studying the Quaternary of the territory of the U. S. S. R I P Gerasimov Izv. AN SSSR Ser geog. no 4:3-9 Jl-Ag '61

Principal characteristics of the development of nature in the U S S. R during the Quaternary (Glacial Epoch) K. K Markov, G. I. Lazukov, M P Grichuk Izv AN SSSR Ser geog. no 4.10-13 Jl-Ag '61

Relict tree species of the glacial epoch as indicators of the distribution of the ice cover in the Caucasus [with summary in English]. V. Z. Gulisashvili. Biul. MOIP. Otd. biol. 66 no. 4 72-84 Jl-Ag '61.

GLACIOLOGICAL RESEARCH see subdivision under Antarctic regions

GLACIOLOGY

(see also subdivision under Aldan Plateau, Dzhugdzhur Range)

Markov, K. K., and A. I. Popov, eds. [Periglacial phenomena in the U. S. S. R.] Periglatsial'nye iavleniia na territorii SSSR; sbornik statei. [Moskva] Izd-vo Mosk. univ., 1960. 287 p.

GLANDS

The "weep" of sea reptiles and birds. M. G. Zaks. Priroda 50 no. 8 104-106 Ag '61.

GLASS

Crystallization of strontium-magnesium glazes IU. G. Shteinberg. Zhur. prikl khim 34 no. 7:1170-1176 Jl '61.

Temperature dependence of the photochemical process taking place in light-sensitive glasses. V. A. Borgman, V. M. Petrov, V. G. Chistoserdov. Zhur. fiz. khim. 35 no. 6:1383-1385 Je '61.

GLASS—ELECTRIC PROPERTIES

Effect of boron oxide on the electric conductivity of glasses [with summary in English]. A IA. Kuznetsov Zhur fiz. khim 35 no. 7 1479-1480 Jl '61.

Glass with high dielectric permeability. V. A Ioffe, Z. N Zonn Fiz. tver. tela 3 no 6:1902-1904 Je '61.

GLASS—STANDARDS

Reviewing the standard for window glass. S. M. Brokhovskikh, M. R. Savitskii. Stek. i ker. 18 no. 6:7-8 Je '61.

GLASS—TESTING

New interferometer for measuring the alkali resistance of glasses. N. V. Korolev, V. S. Molchanov. Zav. lab 27 no 7:913-916 '61.

GLASS, COLORED

Liquid gold preparation for glass and porcelain. S. G. Tumenov. Stek. i ker. 18 no. 6:26-30 Je '61.

GLASS, OPTICAL

Porous structure of etching films and the chemical stability of optical glasses. D. P Dobychin, A. K. Pogodaev. Zhur. prikl khim 34 no. 7 1477-1485 Jl '61.

Why does optical glass darken? N. Lebedev. Starsh. -serzh. no. 2 27 F '61

GLASS, PLATE see Plate glass

GLASS ELECTRODES see Electrodes, Glass

GLASS FIBERS

(see also subdivision under Ukraine)

Uses of fiber glass in the plastics industry. G. O. Tatevosian. Plast. massy no 8 71-75 '61

GLASS FURNACES

Applying the electrothermal analogy method for modeling heat transmission through the tank wall of a glass furnace A A Sokolov. Trudy MIKHM 16 17-21 '58.

Automatic shifting of the flame in a furnace operating on natural gas. V. K. Kovtun Stek i ker. 18 no 7 38-39 Jl '61.

Designing a model for investigating the convection currents of glass melts in glass tank furnaces A A Sokolov. Trudy MIKHM 16-3-15 '58

Durability of pot furnace refractory materials in making contrast glass A. G Minakov, I. B. Kriger. Ogneupory 26 no 7 318-321 '61.

Firing glass furnaces with natural gas. S S. Kachalov, G I. Kovsh Stek i ker. 18 no. 6:3-6 Je '61.

Melting glass in furnaces with divided zones. N A. Shastak. Stek. i ker. 18 no. 6.6-7 Je '61

GLASS FURNACES—CONGRESSES

Conference on the improvement of the operational efficiency of glass furnaces. D B Ginzburg, M. A. Matveev. Zhur VKHO 6 no 4 458-461 '61.

GLASS MANUFACTURE

(see also subdivision under Armenia)

Apparatus for the horizontal bending and tempering of windshield glass. N A Abel'chuk, S. I. Malyshev, G A. Lukonin. Stek. i ker. 18 no. 6:9-11 Je '61.

Controlling the uniformity of the chemical composition of glass by determining its optical properties. R. S. Shevelevich. Stek. i ker. 18 no. 6:14-17 Je '61.

The creative activity of the masses is growing. Stek. i ker. 18 no. 6:1-2 Je '61.

Dependence of the density of aqueous solutions of alkaline silicates on their composition. M. A Matveev, A. I. Rabukhin Stek. i ker. 18 no. 6.12-14 Je '61.

Founding of ZS-4 glass in pot furnaces. F. P. Oshchipkov, V. K. Frolov. Stek. i ker. 18 no. 7:5-8 Jl '61.

From the pages of foreign magazines. Stek. i ker. 18 no. 6:45-47 Je '61.

From the pages of foreign magazines. Stek. i ker. 18 no. 7:46-48 Jl '61.

In celebration of the 22nd Congress of the CPSU. Stek. i ker 18 no. 7:44-45 Jl '61.

Making glass with a lowered boric acid content. G. IA. Ostrovskaia. Stek. i ker. 18 no 7 41 Jl '61.

Method of designing an annealing system. G. M. Bartenev. Stek. i ker. 18 no. 7:8-9 Jl '61.

More glass and ceramics for construction. Stek. i ker. 18 no 7:1-4 Jl '61.

Specializing the production of containers is an important potential in lowering the net cost of glass. M I. Borezhkovskaia. Stek i ker. 18 no. 6:43-44 Je '61.

Strength of grains of abrasive powders. P. IA. Bokin. Stek. i ker. 18 no. 7:9-12 Jl '61.

Using ammonium sulfate to intensify the melting of glass. E. D. Didenko. Stek. i ker. 18 no. 6 33-34 Je '61.

Using heat-resistant steels for molding forms. A. N. Afanas'ev, S. I. Andreev. Stek. i ker. 18 no 7:39-40 Jl '61.

GLASS PIPE see Pipe, Glass

GLASS REINFORCED PLASTICS

Changes in physical and mechanical properties of glass plastics under the action of various corrosive media I. G. Romanenkov. Plast. massy no. 8 39-43 '61

Effect of moisture on the mechanical properties of the KAST-B glass textolite. B. I. Panshin, G. N. Finogenov Plast. massy no. 8:22-26 '61.

Equipment and methods of manufacturing articles from glass reinforced plastics by the spraying method. V. N Fedorov and others. Plast. massy no. 7:54-58 '61.

Glass reinforced plastics and technological processes in their manufacturing. E.A.IArkho. Mashinostroitel' no 7:35-36 '61.

Mechanical properties of glass-cloth laminate under static loads [with summary in English] V. A. Lomakin, P. M Ogibalov, I M Timeeva Vest. Mosk. un Ser. 1 Mat., mekh. 16 no. 3.46-52 My-Je '61

Parts made of glass-reinforced plastics. A. V. Valetka. Mashinostroitel' no. 7.36 '61.

Possibility of using glass reinforced plastics as reinforcement for concrete articles A. B. Golyshev, A. A. Mil'to Izv. vys. ucheb. zav. ;stroi i arkhit. 4 no. 3: 25-32 '61.

GLASSWARE see subdivision under Gusev

GLASSWARE, ANCIENT see subdivision under Black Sea region

GLAUCOMA

"Glaucoma" by M. G Rabinovich. "Diseases of the eyes in old age" by V V Ivanov Reviewed by L K Riskhovskaia Fel'd i akush 26 no 7 63 Jl '61

Glaucoma. G. IA. Chernlavskii. Zdorov'e 7 no. 6:18-19 Je '61.

Operation for glaucoma by jamming the iris into the suprachoroidal space (iridentasis) [with summary in English] E I. Kliutsevaia. Oft. zhur 16 no. 4:237-242 '61.

GLAZES

Crystallization of strontium-magnesium glazes IU G Shteinberg. Zhur. prikl khim 34 no. 7 1470-1476 Jl '61

"Strontium glazes" by IU. G. Shteinberg Reviewed by Z A Nosova Stek i ker 18 no 6 18 Je '61.

GLAZOV PROVINCE—TAX COLLECTION

Bad planning. V. Turaev. Fin. SSSR 22 no. 7 80-81 Jl '61

GLIDERS (AERONAUTICS)

Man soars on wings. P. Tarasov Starsh.-serzh. no. 2: 35 F '61.

GLIDERS (AERONAUTICS)—MAINTENANCE AND REPAIR

Glider pilots maintain their own gliders S. Kaplun Kryl rod 12 no. 5 25 My '61

GLIDING AND SOARING

(see also subdivision under Staryy Saltov District)

Be tireless in improving piloting techniques. IU. Leifer. Kryl. rod. 12 no. 4 21 Ap '61.

By glider into the stratosphere. Stanislaw Juzefczak. Kryl. rod. 12 no 4 27 Ap '61.

Flying a glider in a side wind. D. Dvoenosov. Kryl. rod. 12 no. 4 22-23 Ap '61.

GLISSON'S CAPSULE—INNERVATION

Materials on the study of the innervation of Glisson's capsule in man and some animals [with summary in English]. V IA. Karupu. Fiziol zhur. [Ukr.] 7 no. 4. 527-538 Jl-Ag '61.

GLUBOKOYE DISTRICT—SURGEONS

Inspiring and beloved work M. Karlynau Belarus' 18 no 7 25-26 Jl '61.

GLUCOSE

Obtaining furfural and glucose N. Z Bondarenko Khim. v shkole 15 no. 3:63 My-Je '60

Output of corn sirup. B. K Bychkov, R. A. Tankaeva Sakh prom 35 no 7 67-69 Jl '61

Significance of angioreceptors in intra-arterial administration of hypertonic glucose solution. A. P. Kuchuk. Fiziol. zhur. 48 no. 3:338-343 Mr '60.

GLUCURONIC ACID

Carbazole method for the quantitative determination of glucuronic acid in urine. I. A. Aksamitnaia, V V. Tatarskii Lab. delo 7 no. 6 21-24 Je '61.

GLUE

(see also subdivision under Mogilev, Nikolayev)

Semiautomatic production line for making skin glue. N. Timokhin. Mias ind. SSSR 32 no. 1 49 '61.

GLUING

Rapid gluing of wood with preliminary heating. IU. M. Vasin. Der. prom. 10 no. 7:6-8 Jl '61.

GLUSHA (BOBRUYSK DISTRICT)—RETAIL TRADE

Zhenia Lelikova's brigade. O Il'in. Sov. potreb. koop 5 no. 6. 6-8 Je '61.

GLUTAMINE

Role of amides in streptomycin biosynthesis. V A Severina, S V. Gorskaia, I V Gracheva. Dokl. AN SSSR 139 no. 3:736-739 Jl '61.

GLYCERIDES

Lipides. Part 7. Synthesis of some triglycerides from linseed and soybean oils. T. K Mitrofanova and others. Zhur. ob. khim. 31 no. 7, 2178-2180 Jl '61.

GLYCINE

Compounds of gallium with glycine. A. P. Kochetkova, V. G Tronev, O. N. Gilfarov. Zhur. neorg. khim. 6 no. 7:1582-1585 Jl '61.

Protective effect of cysteine hydrochloride in radiation desamination of glycine in aqueous solutions. N. A. Dudzhenkova. Radiobiologiia 1 no. 2:283-287 '61

GLYCOGENOLYSIS

Splitting of glycogen by exopolyglycosidase and endopolyglycosidase in animal tissues E. L. Rozenfel'd, I. A. Popova. Dokl. AN SSSR 139 no. 3:733-735 Jl '61

GLYCOLS

Clinical aspects and pathoanatomy of poisoning from GTZh-22 brake fluid. V. S. Zhitkov. Voen.-med. zhur. no. 3:44-45 Mr '61.

Determination of ethylene oxide, epichlorhydrin, and ethylene glycol in air analysis E. Sh. Gronsberg Khim prom. no. 7:508-509 Jl '61.

Interesterification of monoethyl methylphosphinite with glycols. K A Petrov, E. E. Nifant'ev, R. G. Gol'tsova. Zhur ob khim. 31 no 7 2370-2373 Jl '61

GLYCOLYSIS

Effect of feeding conditions and the housing of livestock before slaughtering on the glycolysis and meat preservation. I Zagaevskii Mias ind SSSR 32 no 2 33-34 '61.

GLYCOSIDES

Glycosides in the plants of the genus Adonis. Part I. Glucosides Adonis chrysocyathus Kook f. et Thom. N. K Abubakirov, R Sh IAmatova. Zhur. ob khim 31 no 7 2424-2427 Jl '61.

GLYCOSIDES, CARDIAC see Cardiac glycosides

GOA—POLITICS AND GOVERNMENT

Partisan movement in Goa. I Andronov. Nov. vrem. 19 no. 32:18 Ag '61.

GOBI—PETROLEUM INDUSTRY

With the Gobi workers. Sovr. Mong. 6 no. 1:5 Ja '61.

GOETHE, JOHANN WOLFGANG VON, 1749-1832

A discussion on Goethe [with summary in English]. B. IA. Gelman Vest LGU 16 no 14, 78-91 '61.

GOGOL', NIKOLAI VASIL'EVICH, 1809-1852

On some characteristics of Gogol's realism [with summary in English] V. I. Ganicheva Vest LGU 16 no. 14:64-77 '61

GOITER

Iodine content of food products and the pattern of nutrition in one of the nidi of endemic goiter [with summary in English] IU N. Eremin. Vop. pit. 20 no. 4 37-40 Jl-Ag '61

GOLD

Photoelectron emission from gold and chromium. G. A Katrich and O G Sarbei Fiz. tver tela 3 no 6 1629-1637 Je '61

GOLD-COPPER ALLOYS see Copper-gold alloys

GOLD ORES see subdivision under Siberia

GOLODNAYA STEPPE (NORTHERN) see Bet-Pak-Dala

GOLOVINSKII, VIKTOR SERGEEVICH, 1931-1956

Open heart ("Song of the forest" by Viktor Golovinskii. Reviewed by E. Gromov. Smena 36 no. 14:20 Jl '61.

GOMEL'—GAS PIPES

Gas networks in 70 Gomel' streets N. P. Stepanov. Stroi truboprov. 6 no. 6, 22-23 Je '61.

GOMEL'—JOURNALISM, LABOR

Helper of the party. V. Shcharbakou. Belarus' 18 no. 8: 12-13 Ag '61.

GOMEL'—RAILROADS—STATIONS

A life of persistent quests Ul. Bialiaeu Belarus' 18 no. 7 2-3 Jl '61.

GOMEL' PROVINCE—BOTANY

Floristic observations in the Mogilev-Streshin section of the Dnieper Valley N. V. Kozlovskaia. Biul. Inst. biol. AN BSSR no. 5, 37-41 '60.

GOMEL' PROVINCE—COOPERATIVE SOCIETIES

Conference of young specialists. G. Koptelov, N. Galenko. Sov. potreb. koop. 5 no. 6, 26 Je '61.

GOMEL' PROVINCE—EDUCATION

In order to move forward again. M. Vaitkevich. Nar. asv. no. 5:8-10 My '61.

GONORRHEA

Bath therapy for gonorrhea and postgonorrheal diseases in women. A. M. Mazhbits. Vop kur., fizioter. i lech. fiz. kul't 26 no. 3:198-202 My-Je '61.

GOOSEBERRIES

(see also subdivision under Siberia, Western)

Foliar feeding of green gooseberry cuttings. N. S. Tikhonovskii. Vestsi AN BSSR. Ser. biial. nav. no. 2. 123-124 '61

GORIACHKIN, VASILII PROKHOROVICH, 1868-1935

Dubrovskii, A. A. [Academician V. P. Goriachkin; a biographical account] Akademik V. P. Goriachkin; biograficheskii ocherk. Pod red. I. I. Artobolovskogo. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 140 p. (CU)

GOR'KII, MAKSIM, 1868-1936

A. M. Gor'kii. V. V. Litvinov. Nach. shkola 20 no. 6: 21-28 Je '61.

A. M. Gor'kii on biology and medicine. I. A. Zinov'ev. Sov. zdrav. 20 no. 6:72-77 '61.

Boiko, N. A. [Gor'kii and the pioneers of Karelia.] Gor'kii i pionery Karelii. Petrozavodsk, Gos. izd-vo Karel'skoi ASSR, 1961. 76 p.

Elizarova, M. [Concise guide to the section "A. M. Gor'kii in Kazan."] Kratkii putevoditel'; razdel "A. M. Gor'kii v Kazani. Kazan', M-vo kul'tury TASSR, Muzei A. M. Gor'kogo, 1955 6 p.

Kiladze, Dementii. [The relationship between mother and son in Gor'kii's works. O vzaimootnoshenii materi i syna v tvorchestve Gor'kogo] Batumi, Gos. izd-vo, 1960. 66 p. [In Georgian.] (MH)

Language and style of A M Gor'kii's tale "Chil-Eiasy" E A Maimin, E V Popova. Rus iaz v shkole 22 no 3 26-31 My-Je '61

Language and style of A M Gor'kiy. E M Galkina-Fedoruk Rus iaz v shkole 22 no 3 13-19 My Je '61

Means of creating irony and satire in A. M. Gor'kii's early works on public policy M. I. Fomina Rus iaz v shkole 22 no 3 36-42 My-Je '61

Notes on the language of A. M. Gor'kii's early romantic prose V. V. Litvinov. Rus iaz. v shkole 22 no. 3 43-48 My-Je '61.

Studying A M Gor'kii's fairy tale "Simplon tunnel" in grade 8 V. I Mitrokhina Rus iaz v shkole 22 no 3 31-36 My-Je '61

The style of A M. Gor'kii's essay "V I. Lenin" V A. Kovalev Rus. iaz. v shkole 22 no 3 20-25 My-Je '61

GOR'KII, MAKSIM, 1868-1936—BIBLIOGRAPHY see Bibliography—Gor'kii, Maksim, 1868-1936

GORKIY—AUTOMOBILE INDUSTRY

For the title of the outstanding worker team of communist labor. I. I. Kiselev. Mashinostroitel' no 7:1-3 '61.

GORKIY—PROSTHESIS

Warning: New products need more work to be done on them. R Bionshtein Sots obesp. 22 no. 6 47 48 Je '61.

GORKIY PROVINCE—AGRICULTURE—EXPERIMENTATION

Organizing experimentation in the Gorkiy Province schools. V. V. Goriachev. Biol. v shkole no. 4 44-49 Jl-Ag '61.

Textbook on students' experimental work ("Subjects and methods of agricultural experiments for school sites of our province." Reviewed by G. Gordienko) Shkola i proizv 5 no. 7:80-82 Jl '61

GORKIY PROVINCE—DISABILITY EVALUATION

Discrepancies between the medical control commission and the disability evaluation commission are still too great. V. Patreeva. Sots. obesp. 22 no. 6:29-33 Ag '61.

GORKIY PROVINCE—INDUSTRIAL MANAGEMENT

The initiative has found a support. D. Molchanov Bukhuchet 18 no. 6:31-33 Je '61.

GORKIY PROVINCE—MACHINERY INDUSTRY—PRODUCTION STANDARDS

In the Gorkiy Economic Region B I Pasternak Mashinostroitel' no. 8 18-19 Ag '61.

GORKIY PROVINCE—SHEEP

Kapatsinskaia, A. A. [Sheep farming in Gorkiy Province] Ovisevodstvo Gor'kovskoi oblasti. [Gor'kii] Gor'kovskoe knizhnoe izd-vo, 1960. 174 p. (DA)

GORKIY RESERVOIR—FISHERIES

Gorkiy Reservoir. G. P. Kozhevnikov. Izv. VNIORKH 50:51-61 '61.

GORLOVKA REGION—HISTORICAL MUSEUMS

Glorious traditions. I. Ostpov. Sov. shakht. 10 no 1 28-29 Ja '61.

GORNAYA SHORIYA—BAUXITE

Evaluation of the bauxite potential of ancient (Sn-Cm) carbonate rocks in Gornaya Shoriya. A. I Krivtsov Mat. VSEGEI. Ob. ser. no. 29:39-64 '60

GORNAYA SHORIYA—GEOLOGY

Recent data on the geology of Gornaya Shoriya [with summary in English]. IU. G. Shcherbakov. Geol. i geofiz. no. 6, 61-73 '61.

GOTALOV-GOTLIB, ARTEMII GRIGOR'EVICH, 1866-1961

A. G. Gotalov-Gotlib, obituary. S. D. Skazkin and others Sov. pedag. 25 no 7:159-160 Jl '61.

GOVERNMENT EXPENDITURES see Expenditures, Public

GOVERNMENT PRICE CONTROL see Price regulation

GRADING AND MARKING (STUDENTS)

Is the current grading of behavior necessary? M A. Zhezhera. Rad. shk. 40 no. 8 84-85 S '61.

"Test of knowledge and cognitive activity of a class" by N. G Dairi. Reviewed by P. D. Erik Prep ist v shkole 16 no. 4:98-1-2 Jl-Ag '61

GRAFTING

Grafting fruit trees with two- and three-year-old shoots. P. P. Stepanov. Biol v shkole no 4:55-58 Jl-Ag '61

Grafting of wheat embryos on the corn endosperm. R. A. Naleva. Shor stud nauch. rab Nauch stud ob-va [Ar gos ped inst no 3,87-95 '59

Rybin, V. A. [Methods for the vegetative propagation of walnut] Sposoby vegetativnogo razmnozhenila gretskogo orekha. Kishinev, Izd-vo "Shtiintsa" Moldavskogo filiala Akad. nauk SSSR, 1961. 28 p. (DA)

A survey of the present state of the science of vegetative hybridization [in Armenian] G. G. Batikian Izv. AN Arm. SSR. Biol nauki 14 no 5:3-20 My '61

GRAIN

(see also subdivision under Omsk Province; Poland; Stavropol Territory)

Seed plots for grain on virgin land. T. D. Lysenko. Agrobiologiia no. 4:483-487 Jl-Ag '61.

Variability in cereals. A. M. Sadykhov. Agrobiologiia no. 4:608-610 Jl-Ag '61.

GRAIN—ANALYSIS AND CHEMISTRY

Effect of soil conditions on the chemical composition of barley grain V. M. Terent'ev, R. I. TSareva, A. N. Loiko. Biul. Inst biol AN BSSR no 5:157-162 '60.

GRAIN—CLEANING

Automatic grain cleaning and drying unit. A. Cherniadev. Tekh. v sel'khoz. 21 no. 8:23-26 Ag '61.

Grain cleaning machine with a blade wheel. V. Borodai Muk. -elev. prom. 27 no. 7:26-28 Jl '61.

Investigating the performance of flat sieves under heavy loads I. E. Kozhukhovskii Trudy VIM 27:132-171 '60.

OS-4,5 grain-cleaning machine. IU. Bratkov, G. Morgunova, V. Svinitsyn. Tekh. v sel'khoz. 21 no. 8:50-55 Ag '61.

OVP-20 grain-cleaning machine. N. Grabel'kovskii. Tekh. v sel'khoz. 21 no. 8:55-57 Ag '61.

Planning and compensating costs of grain drying and cleaning. IU. Sreznevskii Muk. -elev. prom 27 no 7 21-22 Jl '61

GRAIN—DISEASES AND PESTS see subdivision under Georgia

GRAIN—DRYING

(see also subdivision under Poland)

Automatic grain cleaning and drying unit. A. Cherniadev. Tekh. v sel'khoz. 21 no. 8:23-26 Ag '61.

Economic effectiveness of converting dryers to liquid fuel. E. Tolkovats, A. Seitov. Muk -elev prom 27 no 7 20 Jl '61.

Electron device for regulating grain drying. D. Segeda, K. Kuliashenetsm, S Klimov. Muk -elev. prom. 27 no 4:26-28 Ap '61.

Find new ways for increasing the productivity of DSP-24 grain dryers. L. Sturis. Muk. -elev. prom 27 no 8: 29 Ag '61.

Mechanized harvesting of kernel and ear corn. S. IU. Keller. Visnyk sil'hosp. nauky 4 no 8:11-14 Ag '61.

OS-4, 5 grain dryer. IU. Mostachkin. Muk -elev. prom. 27 no. 7:17 Jl '61.

Planning and compensating costs of grain drying and cleaning. IU. Sreznevskii. Muk. -elev. prom. 27 no. 7 21-22 Jl '61.

Seminar for grain dryers. N. Gorokholinski. Muk. -elev. prom 27 no. 4,29 Ap '61.

Universal SZPB dryer M. Zaks Tekh. v sel'khoz. 21 no 7:52-53 Jl '61

GRAIN—HARVESTING

Grain from three reapers into one windrow. E. Panfushkin. Tekh. v sel'khoz. 21 no. 8:67-70 Ag '61.

Mechanized removal of straw and chaff. A. Ocheretianyi, F. Mel'nikova. Tekh. v sel'khoz. 21 no. 8:18-23 Ag '61.

GRAIN—STANDARDS

Determining the make-up of a grain mixture. L. N. Liubarskii Standartizatsiia 25 no 8:35-38 Ag '61.

GRAIN—STORAGE

In the "Grain storage and processing" pavilion of the Exhibition of the Achievements of the Soviet National Economy. A. Blidman. Muk. -elev. prom. 27 no. 8: 12-13 Ag '61

Make efficient use of mechanical ventilating installations. V. Ukolov. Muk. -elev. prom. 27 no. 7:25-26 Jl '61.

GRAIN—TRANSPORTATION

(see also subdivision under Virgin Territory)

Packing grain in freight cars by means of vibration. V. Sereda, A. Cherkasov, E. Vishnevetskii Muk. -elev prom. 27 no. 8:27 Ag '61

GRAIN BREEDING

Popovskii, M. A. [Living grain] Zhivoe zerno. Moskva, Gos. izd-vo polit. lit-ry, 1961. 31 p. (Geroi i podvigi) (DA)

GRAIN ELEVATORS

(see also subdivision under Altai Territory; Kustanay; Petropavlovsk)

Brief news. Muk -elev. prom 27 no. 4:3 of cover Ap '61

Brief news Muk -elev prom. 27 no 7 22, 33 Jl '61.

Brief news Muk -elev. prom. 27 no 6 3 of cover Ag '61

For exemplary technical preparations of grain receiving stations for the procurement of grain in the 3d year of the seven-year plan. V. Butrimenko. Muk-elev. prom 27 no 4:6-10 Ap '61.

For organized procurement and storage of the grain crop of the third year of the seven-year plan Muk -elev prom 27 no 7 1-2 Jl '61.

Let's meet the 22d Party Congress with new achievements E. Ivanov and others Muk -elev. prom 27 no 4:3-5 Ap '61.

Problems of establishing continuous grain receiving and processing lines Z. Chukhan'ko, G. Demin Muk -elev prom 27 no 8 14-15 Ag '61

"Receiving and processing grain in a continuous operation" by S. A. Karabanov. Reviewed by IU. Sokratov. Muk. -elev. prom. 27 no. 4:32 Ap '61.

Revise standards for planning grain elevators and grain receiving stations I Mazin Muk. -elev. prom. 27 no 4:28-29 Ap '61.

Silo frame for an elevator made of precast reinforced concrete. N. Sorokin. Na strol. Ros. no. 5:13-16 My '61.

Subsurface grain depots. B. Epstein. Na strol. Ros. no. 5:12, 13 My '61.

"Technical manual for grain elevator workers" Reviewed by L. Chernilov Muk -elev. prom 27 no 7 31-32 Jl '61.

GRAIN ELEVATORS—LABOR PRODUCTIVITY

"Possibilities for increasing labor productivity at grain receiving stations" by Kh. IA. Shekhtman. Reviewed by V. Narkhov Muk -elev prom. 27 no. 7 32-33 Jl '61.

GRAIN HANDLING

Kulakovskii, A. B., and V. A. Ral'tsevich. [Precast reinforced-concrete in the construction of enterprises which store and process grain] Sbornyi zhelezobeton v stroitel'stve predpriiatii po khraneniiu i pererabotke zerna. Moskva, Izd-vo tekhn. i ekon. lit-ry po voprosam khleboproduktov, 1960. 77 p.

GRAIN-HANDLING MACHINERY

(see also subdivision under Tselinograd)

Improve the equipment of new buildings. V. Shevtsov, A Kapitskii. Muk -elev. prom 27 no 8:22-25 Ag '61

Mechanized unloading of grain. A. Racheiskov Muk.-elev. prom. 27 no. 7:20 Jl '61.

Problems of establishing continuous grain receiving and processing lines Z. Chukhan'ko, G. Demin. Muk -elev prom 27 no. 8:14-15 Ag '61.

Problems pertaining to over-all mechanization and automation of grain elevators and flour mills. P. Platonov. Muk. -elev. prom. 27 no. 4,22-24 Ap '61.

Self-propelled auger grain loader. E. Grinberg. Muk -elev. prom 27 no. 8:16-17 Ag '61

GRAIN-HANDLING MACHINERY—MAINTENANCE AND REPAIR

"Technical manual for grain elevator workers" Reviewed by L. Chernilov. Muk. -elev prom. 27 no. 7 31-32 Jl '61.

GRAIN MILLING

(see also subdivision under Germany, East; Germany, West; Rostov)

Brief news. Muk-elev. prom. 27 no. 4:3 of cover Ap '61.

Brief news. Muk. -elev. prom 27 no. 7:22, 33 Jl '61.

Let's meet the 22d Party Congress with new achievements. E. Ivanov and others. Muk. -elev. prom. 27 no. 4:3-5 Ap '61.

Organizing the production of break flour in the SOB-MK grain drying and cleaning towers of grain receiving stations. E. Umov, I. Kadlubik. Muk. -elev. prom. 27 no. 8:20-22 Ag '61.

Ways for improving the planning at grain-milling enterprises. D. Gavrichenkov. Muk. -elev. prom 27 no. 7. 23-24 Jl '61.

GRAIN-MILLING MACHINERY

Determining the economic effectiveness of new machinery. A. Bureiko, B. Gofkhenberg. Muk. -elev. prom. 27 no. 7:21 Jl '61.

Grain-processing machinery at the International Fair in Poznan. M. Tartakovskii. Muk. -elev. prom. 27 no. 4;31-32 Ap '61.

Improve the equipment of new buildings. V. Shevtsov, A. Kapitskii. Muk. -elev. prom. 27 no. 8,22-25 Ag '61.

Modifying hammer mills for grinding corncobs. A. Naugol'nov. Muk. -elev. prom. 27 no. 4:25-26 Ap '61.

Problems pertaining to over-all mechanization and automation of grain elevators and flour mills. P. Platonov Muk. -elev. prom 27 no. 4:22-24 Ap '61

GRAIN PRODUCTS see Cereal products

GRAIN TRADE see subdivision under Greece

GRAMICIDIN

Treating minor skin injuries with gramicidin; abstract. R. P. Beskrovnyi. Voen. -med zhur. no 3 77 My '61.

GRAMMAR, COMPARATIVE AND GENERAL—ARTICLE

Use of the article. N. M. Alekseandrov. Inostr. iaz. v shk[illegible]le no. 2:109-114 Mr-Ap '61.

GRAMMAR, COMPARATIVE AND GENERAL—PHONOLOGY

Trubetskoi, N. S. [Principles of phonology. Translated from the German] Osnovy fonologii. Red. S. D. Katsnel'sona. Posles. A. A. Reformatskogo. Moskva, Izd-vo inostr. lit-ry, 1960. 371 p. (CU)

GRANDIORITE

Relationship between the chemical and mineral composition of rocks of the quartz-diorite and granodiorite family. A. P. Grudev. Biul. MOIP. Otd. geol. 36 no. 2:131-132 Mr-Ap '61.

GRANITE

(see also subdivision under Kolyma Valley)

[Formation of granites; second collection of articles. Preface by N. I. Soustov] Problema obrazovaniia granitov; vtoroi sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1950. 385 p.

Some changes in granites on contact with a diabase disk. I. V. Ginzburg. Biul. MOIP. Otd. geol. 36 no. 2 132-133 Mr-Ap '61.

GRANOPHYRES see subdivision under Siberian Platform

GRANULAR LIDS see Conjunctivitis, Granular

GRANULOMA BENIGNUM

Differential diagnosis of Besnier-Boeck-Schaumann disease [with summary in English]. V. F. Sigachev. Vest. rent. i rad. 36 no. 3 36-41 My-Je '61.

Problem of X-ray enotherapy in Besnier-Boeck-Schaumann disease. R. M. Rabinovich, A. A. Danilin. Vest. rent. i rad. 36 no. 3:64-65 My-Je '61.

X-ray diagnosis of Besnier-Boeck-Schaumann disease [with summary in English]. G. E. Khaspekov. Vest. rent. i rad. 36 no. 3 41-45 My-Je '61.

GRAPE CULTURE see Viticulture

GRAPES see subdivision under Brest Province

GRAPES—FERTILIZERS AND MANURES

Effect of trace elements on the generative organs of grapevines [in Armenian with summary in Russian] V. S. Santurian. Izv. Upr. sel'khoz nauki Arm. SSR 4 no. 4,55-61 '61

GRAPES— IRRIGATION see subdivision under Rostov Province

GRAPES—VARIETIES see subdivision under Crimea; Kherson Economic region

GRAPHITE

Antonov, A. V., and others. [Neutron diffusion in beryllium, graphite, and water studied by the pulse method] Izuchenie diffuzii neitronov v berillii, grafite i vode impul'snym metodom. Moskva, 1955. 27 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Polyamides and their graphitic compositions as substitutes for nonferrous antifriction metals. V. N. Egorov. Plast. massy no. 7:71-72 '61.

GRASHCHENKO, NIKOLAI IVANOVICH, 1901-

N. I. Grashchenkov; on his 60th birthday and 35th year as a physician, researcher and teacher. Zhur. nevr. i psikh. 61 no. 3:478-479 '61.

GRASSES

(see also subdivision under Azerbaijan)

Ear formation in perennial grasses under relatively high temperature A. K. Fedorov. Bot. zhur 46 no. 5:680-683 My '61.

Effect of the speckled alder on grassy vegetation. V. A. Smirnova, P. E. Sorogovets Biul. inst. biol. AN BSSR no. 5:58-62 '60

[Perennial grasses: clover, timothy grass, alfalfa, bird's foot trefoil] Mnogoletnie travy: klever, timofeevka, liutserna, liadvenets rogatyi. [Moskva] Mosk. rabochii, 1961. 29 p. (Bibliotechka polevoda) (DA)

Planting grasses for controlling erosion [in Armenian with summary in Russian]. M. S. Kazarian. Izv. Upr. sel'khoz. nauki Arm. SSR 4 no. 4:77-82 '61.

Some characteristics of bud and shoot formation in meadow grasses [with summary in English]. T. I. Serebriakova. Biul. MOIP. Otd. biol. 66 no. 4:42-52 Jl-Ag '61.

GRAUERMAN, GRIGORII L'VOVICH, 1891-1921

Grigorii L'vovich Grauerman on the 100th anniversary of his birth I A Fridman Fel'd i akush. 26 no 7 48-50 Jl '61

GRAVEL see subdivision under Ukraine

GRAVEL—GRADING

Moveable gravel grading unit R Gabrielian Avt dor 24 no 6:3 of cover Je '61

GRAVIMETRY

Control networks of gravimetric surveys in foreign countries A I Baiborodin. Trudy TSNIIGAIK no 139: 61-75 '60

Errors in the computation of plumb-line deviations in uniform gravimetric surveys L P Pellinen. Trudy TSNIIGAIK no 139:83-87 '60

Errors occurring in the interpolation of gravity anomalies and the accuracy of gravimetric deviation of plumb line I A Govorova Trudy TSNIIGAIK no 139 77-81 '60

Requirements of gravimetric surveying important in processing measurements of astrogeodetic and leveling networks L P Pellinen. Trudy TSNIIGAIK no. 139: 3-20 '60

GRAVITATION

Possibility of recording gravitational radiation under laboratory conditions V B Braginskii, G I Rukman Zhur eksp i teor fiz 41 no 1 304-305 Jl '61

[Recent problems in gravitation. Preface by D. Ivanenko.] Novelshie problemy gravitatsii; sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1961. 488 p. (Problemy fiziki)

Wave resonance of light and gravitational waves [with summary in English]. M.E Gertsenshtein Zhur eksp i teor fiz. 41 no 1 113-114 Jl '61.

What is the graviton? Priroda 50 no. 8:123-124 Ag '61

GRAVITY

Free-air anomaly and isostasy. B. A. Andreev. Dokl. AN SSSR 139 no 1 91-93 Jl '61

GRAVITY PROSPECTING

Calculation of the vertical component of the gravity potential for a horizontal triangular prism of an infinite strike G I Karataev Trudy SNIIGGIMS no 9 126-129 '60

Chart for computing Δg anomalies caused by vertical cylindrical bodies of arbitrary cross section. K F. Tiapkin. Geofiz. razved. no. 4 23-31 '61.

Expediency of computing second derivatives of gravity anomalies. V I. Aronov, R F Volodarskii. Geofiz razved. no. 4 37-44 '61.

Interpretation of gravity anomalies caused by bodies of finite extension. K F. Tiapkin. Geofiz. razved no. 4 31-37 '61

Method of detecting anomalous fields commensurable with observational errors A. K. Malovichko, O. L. Tarunina Geofiz. razved no. 4 44-48 '61

Using V_{zz} in gravity prospecting. V. P Telezhenko. Trudy SNIIGGIMS no. 9 130-133 '60

GRAZING

Effect of prolonged grazing on the specific composition of grass stands in natural pastures. E. A. Kruganova, G. A. Kim, I. I IAsinskii. Biul. inst. biol. AN BSSR no 5 17-25 '60.

GREAT BRITAIN—BAKING—EQUIPMENT AND SUPPLIES

Continuous line for making wafers with filling (from "Machinerie et Techn. Nouvelles," Paris, 1960). M. N. Serebriakov. Khleb. i kond prom. 5 no 7:42 Jl '61.

GREAT BRITAIN—COLONIES—AFRICA see Africa—British colonies

GREAT BRITAIN—COMMERCE

Britain and the "common market," R. Palme Dutt. Mezhdunar zhizn' 8 no. 8 38-48 Ag '61.

"Europe will not wait" [in English] by Anthony Nutting; "The future of the Austrian economy" and "Austria and European integration" [both in German] by Franz Nemschak. Reviewed by A. Shebanov. Mir. ekon. i mezhdunar. otn. no. 8:146-150 Ag '61.

GREAT BRITAIN—COMMERCE—RUSSIA

Joint communiqué on Soviet-British trade relations Vnesh torg. 41 no 7 insert 6 Jl '61.

GREAT BRITAIN—COST AND STANDARD OF LIVING

Bitter old age on the other side.... E. Korzhev. Sots. obesp. 22 no. 8 62-63 Ag '61.

GREAT BRITAIN—DIESEL ENGINES

Perkins engine with direct fuel injection (from "The Engineer", Feb 6 1959). Trakt. i sel'khozmash. 31 no. 8: 47 Ag '61

GREAT BRITAIN—ECONOMIC GEOGRAPHY

Pol'skaia, N. M. [Economic geography of Great Britain; textbook] Ekonomicheskaia geografiia Velikobritanii; uchebnoe posobie. Pod red I. M. Maiergoiza. Moskva, Izd-vo Mosk. univ., 1960. 133 p.

GREAT BRITAIN—ECONOMIC POLICY

Britain and the Common Market. G. Dzhilichenko. Nov. vrem. 19 no 32 5-7 Ag '61.

GREAT BRITAIN—EDUCATION

A review of newspapers. Blok. agit. [Sov. Armii] no. 15-17-3 of cover My '61

GREAT BRITAIN—FACTORIES—DESIGN AND CONSTRUCTION

Some features of the architecture of modern industrial buildings in England N. N. Kim. Prom stroi. 39 no. 7:59-3 of cover '61.

GREAT BRITAIN—FOREIGN RELATIONS—FAR EAST

"English policy in the Far East, from September 1939 to December 1941" by V N Egorov Reviewed by D I Goldberg. Vop ist no 7 160-161 Jl '61

GREAT BRITAIN—INDUSTRIES

Great Britain in Sokolniki Vnesh. torg. 41 no. 7 insert 2 1-8 Jl '61

Great Britain - Soviet Union Kul't i zhizn' 5 no 7 35 '61

GREAT BRITAIN—INSURANCE, SOCIAL

"British social services" [in English] by G D Cole Reviewed by A M TSyn, E R Al'tshuller. Sov zdrav. 20 no 6:90-91 '61

GREAT BRITAIN—LABOR PARTY

V. I. Lenin on some problems of the English labor movement [with summary in English, pp 220-221]. A N Krasil'nikov Vop ist. no 7 81-95 Jl '61.

GREAT BRITAIN—MIDDLE CLASSES

Grant, Andrew. [Socialism and the middle classes. Translated from the English] Sotsializm i srednie klassy. Moskva, Gospolitizdat, 1960. 198 p. (CLU)

GREAT BRITAIN—MIXING MACHINERY

Unit for continuous mixing of bread dough in a British bakery (from "Machinerie et Techn. Nouvelles," Paris, 1960). Khleb. i kond. prom. 5 no 6 46-47 Je '61.

GREAT BRITAIN—PENSIONERS

Bitter old age on the other side.... E.Korzhev. Sots. obesp. 22 no.8 62-63 Ag '61.

GREAT BRITAIN—PUBLIC HEALTH

"British social services" [in English] by G. D. Cole. Reviewed by A M TSyn, E R. Al'tshuller Sov zdrav. 20 no 6 90-91 '61

GREAT BRITAIN—RELATIONS (GENERAL) WITH RUSSIA

At the round table B S. Nikiforov. Kul't i zhizn' 5 no 6 32-35 '61

GREAT BRITAIN—RELATIONS (MILITARY) WITH ARABIA

English military measures in the Arabian Peninsula. L. Kruglov Mezhdunar zhizn' 8 no 9:118-120 S '61.

GREAT BRITAIN—RELATIONS (MILITARY) WITH WEST GERMANY

The Bundeswehr has arrived in England B Silant'ev. Mezhdunar zhizn' 8 no 9. 111-113 S '61

GREAT BRITAIN—ROAD MACHINERY

From the pages of foreign magazines. Transp. stroi. 11 no. 7:57 Jl '61

GREAT BRITAIN—SAWS

New circular saws (from "New Zealand Timber Journal," 7 no. 3, 1960). Der. prom. 10 no. 7:33 Jl '61.

GREAT BRITAIN—STRIKES AND LOCKOUTS

Duty of trade-union leaders. V. B. Nov. vrem. 19 no. 28: 17 Jl '61.

GREAT BRITAIN—TECHNICAL EDUCATION

Notes on specialized secondary education in England. N. G. Sred spets obr 8 no 6:80-82 Je '61.

GREAT BRITAIN—TRADE UNIONS

Whither British trade unionism? Palme Dutt. Nov vrem. 19 no. 31:10-12 Jl '61.

GREATER BALKHAN RANGE—GEOLOGY, STRATIGRAPHIC

Akchagyl deposits of the Greater Balkhan. K. V. Tiunov. Izv. AN Turk. SSR. Ser. fiz.-tekh., khim i geol. nauk no. 3:59-63 '61

GREECE—BIOGRAPHY

Plutarchus. [Parallel lives; in three volumes. Translated from the classical Greek] Sravnitel'nye zhizneopisaniia; v trekh tomakh. Izd. podgotovili S. P. Markish i S. I. Sobolevskii. Moskva, Izd-vo Akad. nauk SSSR. (Literaturnye pamiatniki)

Vol. I. 1961. 502 p.

GREECE—COMMERCE—BLACK SEA REGION

Commercial contacts with Greece of the ancient settlement in the region of the Dniester estuary from the sixth to the second century B. C O. N Sal'nykov. Mat. z arkheol. Pivn. Prychor no 3 25-32 '60.

GREECE—FOREIGN ECONOMIC RELATIONS

New victim of the "Common Market." K. Tiurlis. Mir ekon. i mezhdunar. otn. no. 8, 107-110 Ag '61

GREECE—GRAIN TRADE

From the history of Hellenistic economics, connected with trade competition between the Bosporus and Egypt in the third century B. C. M. I. Trofimova Vest. drev. ist. no. 2:46-68 '61

GREECE—LABOR LAWS AND LEGISLATION

Legislation against the workers. I Papaliantis. Voen prof dvizh no 7, 45-46 Jl '61

GREECE—SLAVERY

From new works on the history of helotry and similar forms of slavery L. N. Kazanmnova Vest. drev. ist no. 2:138-142 '61.

GREENHOUSES see subdivision under Yaroslavl

GRIBOEDOV, ALEKSANDR SERGEEVICH, 1795-1829

A new study devoted to the outstanding Russian diplomat ("A. S. Griboedov's diplomatic work" by S. V. Obolenskii-Nevich Reviewed by V. T. Pashuto) Izv. AN SSSR Ser. ist. 184-186 Jl-Ag '61.

GRIGORASHENKO, LEONID PAVLOVICH, 1924-

Livshits, M. IA. Leonid Pavlovich Grigorashenko. Kishinev, Gos. izd-vo "Kartia moldovenaske," 1960. 19 p. plates. (Dekada moldavskogo iskusstva i literatury v Moskve)

GRIGORENKO, PETR GERASIMOVICH, 1910-

Fiftieth birthday of P. G Grigorenko Izv AN Est. SSR Ser est. i tekh. nauk 2 no. 9 155-157 '60

GRINDING AND POLISHING

Effect of the material of the lap on the result of lapping steel parts with a loose abrasive. P. D. Dudko [illegible] KhPI 21 Ser. met no. 4:77-83 '59

Efficient method of polishing ceramic articles with a high alumina content. P. P. Budnikov, IA. M. Kantor [illegible] ker. 18 no. 7:29-32 Jl '61.

Electromechanical smoothing instrument IA. I. remon Strotel' no. 6:15 Je '61.

Investigating the effect of steel hardness on the efficiency of lapping parts having broken surfaces with a loose abrasive. P. D. Dudko [illegible] KhPI 21 Ser. met no. 4:95-94 '59.

Lapping parts made of 1Kh13 steel with abrasive cloths E. L. TSenta, V. A. Kacher, P. D. Dudko [illegible] KhPI 21 Ser. met. no. 4 73-76 '59.

Strength of abrasive grains used in the lapping of hardened steel. V. L. Gorbenko, A. V. Almev. [illegible] KhPI 21 Ser. met. no. 4:95-97 '59.

Universal smoothing and polishing instrument N Kan [illegible] A. Novatskii. Strotel' no 6 14 Je '61

GRINDING MACHINES

(see also subdivision under Kalinin; Moscow)

Determining the optimum weight of material being ground in a vibration grinder. A P. Troshchenovskii [illegible] uchob. zav.; stroi. i arkhit. 4 no. 3:127-131 '61

Device for fastening the abrasive cloth to the drum. V P. Ogurtsov. Der. prom. 10 no. 7:23 Jl '61

Effectiveness of using rotary grinders for grinding clayey materials. G. P. Sobolev, B. S Mitsov. [illegible] no. 6:37-40 Je '61.

Improving structural features of the grinding machine. M. Cheremisin. Tekh. v sel'khoz. 21 no. 8:84 Ag '61.

KM-2 paste for gluing felt to the drum of polishing machines. R. A. Mirkovich, G. P. Plotnikova [illegible] 10 no. 7:21-22 Jl '61.

Machine for cutting small section specimen. N N Klekov, G. A Tarynin Sbor. rats predl. vnedr. v proizv no. 2:64 '61

Machine tool for grinding and polishing pipes. N. M. Trichenko. Mashinostroitel' no. 7:29 '61.

Malich, F. A., and M. Z. Loshak. [Hydraulic headstock for circular grinding machine] Gidravlicheskaia perednaia babka dlia kruglosh lifoval'nogo stanka. Leningrad, 1961. 7 p. (Leningradskoi Dom nauchno tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Modernizatsiia i remont oborudovaniia, no. 3)

Mechanical control of cylindrical grinding machines E. I. Kiselev. Trakt. i sel'khozmash. 31 no. 8:46 Ag '61.

GRINDING MACHINES—ATTACHMENTS

Protective screen for emery grinding wheels and buffing grinding machines. G. M. Borodulin. Mashinostroitel' no. 7:34 '61.

Sukhoparov, O. N. [Improving technological processes for manufacturing flat and many-sided punches and mandrels] Usovershenstvovanie tekhnologicheskogo protsessa izgotovleniia ploskikh i mnogogrannykh puansonov i opravok. Leningrad, 1961. 10 p. (Leningradskii Dom naucho-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Mekhanicheskaia obrabotka metallov, no. 8)

GRINDING MACHINES—TECHNOLOGICAL INNOVATIONS

Mechanizing the lifting of the grinding head. A. P. Zhelobov. Mashinostroitel' no. 7:19 '61.

GRINKOVA, NADEZHDA PAVLOVNA, 1895-1961

Nadezhda Pavlovna Grinkova, obituary. V. I Chagisheva Rus iaz v shkole 22 no 3 120 My-Je '61

GRIPPE see Influenza

GRISHKO, MIKHAIL STEPANOVICH, 1901-

Steban, I. I. [Mikhail Stepanovich Grishko, People's Singer of the U. S. S. R.] Mikhail Stepanovich Grishko narodnyi artist SSSR. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1960. 37 p. (Dekada ukrains'koi literatury ta mystetstva)
(MH)

GROCERY TRADE—TECHNOLOGICAL INNOVATIONS

Mechanization and automation of labor-consuming operations in grocery trade and public-dining enterprises G. A Kaliazin, G. N Orlov, Mekh i avtom proizv 15 no. 7 26-30 Jl '61

GRODNO—ARCHITECTURE

Baroque and classicism in the architectural legacy of Grodno V I Kudriashov, Shor nauch trab Inst bud i arkhit AN BSSR no 3:182-192 '60

GROUND-RENT see Rent (Economic theory)

GROUP READING

A word to friends G Shoshmin Bibliotekar' no 7 50-52 Jl '61

GROUPS, THEORY OF

Application of group theory to quantum chemistry. Part 2. Examples of problems solved by a simplified group theory method [with summary in English]. O K Davtian. Zhur. fiz khim. 34 no. 2:295-305 F '60

Extensions of the indexial of a finite group. S. A. Chunikhin Dokl AN SSSR 130 no. 1:52-53 Jl '61.

Groups with k-reducible bases. A. V. Gladkii. Sib. mat. zhur 2 no 3:366-383 My-Je '61.

Homomorphisms of the semigroups of all partial transformations. I., G. Shutov. Izv. vys. ucheb. zav.; mat. no. 3:177-184 '61

Spectral theorem of duality for manifolds not satisfying acyclic conditions [with summary in English] N. T. Tymanskii. Vest. Mosk un Ser 1. Mat., mekh. 16 no 3 11-19 My-Je '61

Structure of the functional space of complex canonical equations with periodical coefficients V. A. [Akubovich. Dokl AN SSSR 139 no 1:54-57 Jl '61.

GROUSE see subdivision under Aktyubinsk Province, Pamirs; Russia, Northern, Sakhalin

GROWTH

Stages in the development of birds. L. P. Poznanin. Ornitologiia no. 2 46-53 '59.

GROWTH (PLANTS)

Formation of antimitotic substances in different plant species following irradiation. L. M. Krilukova. Radiobiologiia 1 no. 1:139-140 '61

Growth characteristics of pine in the course of the growing period under conditions prevailing in the forest zone F. N. Khaiytanovich. Vestsi AN BSSR. Ser. biial. nav. no 2:29-34 '61.

Growth of grape shoots in the southwestern regions of White Russia. A P Savchenko. Biul Inst. biol AN BSSR no. 5, 87-96 '60.

Height growth of one-year-old seedlings of some tree species in soils of different acidity. M. D. Nestiarovich, A. F. Ivanov. Vestsi AN BSSR. Ser biial. nav. no 2, 21-28 '61

Rate and dose-dependence of the formation of antimitotic substances in irradiated leaves of Vicia faba A. M. Kuzin, L. M. Krilukova. Radiobiologiia 1 no 2:293-295 '61.

Shoot and root formation in the Russian valerian (Valeriana rossica P Smirn) M. A Borisova-Gulenkova Nauch. dokl vys. shkoly, biol nauki no 3:125-128 '61

Some characteristics of bud and shoot formation in meadow grasses [with summary in English]. T. I. Serebriakova. Biul. MOIP. Otd. biol. 66 no. 4:42-52 Jl-Ag '61.

GROWTH PROMOTING SUBSTANCES

Effect of a growth promoting substance of petroleum origin on growth, development, and water economy of the cotton plant [in Azerbaijani with summary in Russian]. F. S. Dzhafarova. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 4:13-18 '61.

Effect of a growth promoting substance of petroleum origin on the uptake of radioactive phosphorus by the cotton plant [in Azerbaijani with summary in Russian]. Z. R. Movsumov. Izv. AN Azerb. SSR. Ser. biol i med. nauk 3 73-79 '61.

Effect of biogenic stimulators on plants. G. A. Obukhova. Uch. zap. Ped. inst. Gerts. 178:145-150 '59.

Possible use of 5-aminotetrazole and 1-phenyl-3-methylpyrazolone-5 to stimulate fruit formation in tomatoes. S. M. Mashtakov, S. IA. Ledovskii, B. F. Matrosov. Biul. Inst. biol. AN BSSR no. 5 196-199 '60.

Preliminary experiments in the application of growth regulators to potato plants grown in peat soils S M. Mashtakov, B F Matrosov Biul Inst biol. AN BSSR no 5 205-209 '60

GROZNYY DISTRICT—STATE FARMS

A district executive committee and an experimental state farm. N Korobova. Sov. deput. trud. no. 8, 9-12 Ag '61.

GUAIACOL—TOXICOLOGY

Working conditions and their improvement in the guaiacol and vanillin industry. M. M Ostrovskii. Gig. i san. 26 no. 3 92-94 Mr '61

GUANIDINIUM

Studying the reorientation of the guanidinium ion in the ferroelectric $C(NH_2)_3Al(SO_4)_2 \cdot 6H_2O$ by the nuclear magnetic resonance method [with summary in English] A. G Lundin, G M. Mikhailov, S. P Gabuda. Zhur eksp. i teor fiz 40 no 5:1282-1288 My '61

GUBKIN—KINDERGARTEN

Good patrons L. Shekhova. Doshk. vosp. 34 no 7:95 Jl '61.

GUDAUTA DISTRICT—PALYNOLOGY

Data of a palynological analysis of upper Pontic deposits in western Georgia. I Sh Ramishvili Dokl AN SSSR 139 no 3:685-687 Jl '61

GUERRILLA WARFARE
(see also subdivision under United States)

Espionage and diversion. N. Kalgin. Voen. vest. no. 9: 86-88 S '60.

Guevara, Ernesto. [Guerilla warfare. Translated from the Spanish] Partizanskaia voina. Moskva, Izd-vo inostr. lit-ry, 1961. 134 p.
(DS)

GUIDED MISSILES

"Air to ground" rockets as revealed by foreign press material. M I Gusev. Vest. protivovozd. oboi no 5 35-37 My '61

Combat use of guided missiles, from the foreign press. N. Ognev. Voen. vest. 40 no. 4 82-84 Ap '61.

Principles of combatting ballistic missiles; from the pages of the foreign press. M. G. Mymrin. Vest. protivovozd. oboi. no. 4, 24-27 Ap '61.

Rocket overtakes its target. Alekseĭ Golikov, Semen Fridland. Ogonek 39 no. 30:29 Jl '61

With an infrared homing system A. P. Alekseev, L. B. Sergeev. Vest Vozd. Fl. no 7:92-94 F '61

GUINEA

"The Republic of Guinea" by N. I. Gavrilov Reviewed in English by V. A. Subbotin. Vest. ist. mir. kul't no. 3 146-149 My-Je '61.

GUINEA—DESCRIPTION AND TRAVEL

Morning in Guinea: notes of an artist. N. Dolgorukov. Az i Afr. seg. no. 7:30-31 Jl '61.

GUINEA—ECONOMIC CONDITIONS

Daily attention to the people's education. Vsem. prof. dvizh no. 7:32-36 Jl '61

GUINEA—POLITICS AND GOVERNMENT

Herald of African freedom ("Independent Guinea" by Sekou Toure. Reviewed by E. Silin) Az. i Afr. seg. no. 4, 59-60 Ap '61.

Our friend, Africa. E. Dolmatovskii Starsh.-serzh. no. 1, 20-21 Ja '61.

GUINEA—TRADE UNIONS

Daily attention to the people's education. Vsem. prof. dvizh. no 7:32-30 Jl '61

GUITAR

Korneev, A. A., and A. N. Korneev. [The electric guitar] Adaptorizovannaia gitara. Moskva, Gos. energ. izd-vo, 1960. 22 p. (Massovaia radiobiblioteka, no. 390)

Vol'man, B. L. [The guitar in Russia; historical sketch of the art of the guitar] Gitara v Rossii; ocherk istorii gitarnogo iskusstva. Leningrad, Gos. muzykal'noe izd-vo, 1961. 177 p.

GULLS
(see also subdivision under Moscow Province)

Sea gull. Il'ia Turichin IUn. nat no. 6:32 Je '61.

GUMS AND RESINS, SYNTHETIC see Resins, Synthetic

GUNITE

Gunite operations on reinforced concrete reservoirs. V. E. Zakharchenko Stroi. truboprov. 6 no. 5:20-22 My '61.

Manufacturing precast thin-walled articles by guniting. M. Z. Simonov and others Mekh. stroi. 18 no. 5:16-1 My '61.

GUKOVO—CLEARINGHOUSE

How we conduct centralized payments. K. Kovshikov. Fin. SSSR 22 no. 3:75-80 Mr '61

GUKOVO—CONSTRUCTION INDUSTRY—FINANCE

How we conduct centralized payments. K. Kovshikov. Fin. SSSR 22 no 3:75-80 Mr '61

GUSEV—GLASSWARE

Conveyor-production line system of manufacturing and treating high-quality dishes. G V Savonichev and others. Stek i ker. 18 no. 7 15-18 Jl '61.

GUTTUSO, RENATO, 1912-

Patriot's brush I. Tereshkina, A Sherel' Sov. profsoiuzy 17 no. 16:43-44 Ag '61

Renato Guttuso. A. Chlenov. Nov. vrem. 19 no. 28:28-29 Jl '61.

GYMNASTICS—SAFETY MEASURES

Brykin, A. T., and V. P. Kniazev. [Safeguards in competitive gymnastics; manual for teachers, trainers, and public instructors] Strakhovka v sportivnoi gimnastike; posobie dlia prepodavatelei, trenerov i instruktorov-obshchestvennikov. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1961. 158 p.

GYMNASTICS, MEDICAL see Exercise therapy

GYNECOLOGICAL RESEARCH

Stepanova, L. G., and E. A. Kakushkina. [Hormonal research in gynecology, collection of works of the Endocrinology Laboratory at the Research Institute for Midwifery and Gynecology of the Ministry of Public Health of the R. S. F. S. R.] Gormonal'nye issledovaniia v ginekologii, sbornik trabot laboratorii endokrinologii Nauchno-issledovatel'skogo instituta akusherstva i ginekologii Ministerstva zdravookhraneniia RSFSR. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 201 p.

GYNECOLOGY

Lur'e, A. IU. [Selected works] Izbrannye trudy. Kiev, Izd-vo Akad. nauk USSR, 1960. 426 p.
(DNLM)

Role of vitamins in obstetrics and gynecology [with summary in English]. R. L. Shub Sov zdrav 20 no. 6: 22-25 '61

GYPSUM

How to prepare a lime glue emulsion. A. Pivanov. Stroitel' no. 6 24 Je '61.

Inter farm gypsum production enterprise. T. Stefanov, P. Kariakin. Sil' bud. 11 no. 6:16-17 Je '61.

GYROCOMPASS

Some properties of a gyrocompass having a period of 17 hours E N Tokar'. Prikl mat i mekh 25 no. 3 570-575 My-Je '61

GYROSCOPE

Experimental method for studying the stability of the motion of a gyroscope having a cavity filled with a liquid. S. V. Malashenko, M. E. Temchenko PMTF no. 3:76-80 S-O '60.

Gyroscopic damper of angular oscillations. V. IU. Torochkov. Trudy MIIGAIK no. 44:86 '61.

Improving gyroscopic devices; material from the foreign press. IU. N. Chebeskov. Vest. protivovozd. oboi. no. 4:20-30 Ap '61.

Linear accelerations of the airplane and their effect on the accuracy of work of the vertical axis of the gyroscope with pendulum correction. V. IU. Torochkov Trudy MIIGAIK no. 44:89-96 '61

Motion of a gyroscope in a Cardan joint given a torque around its axis of rotation S. A Kharlamov. Dokl AN SSSR 139 no. 2:327-330 Jl '61.

Motion of a symmetrical gyroscope having a cavity filled with a liquid, S. L. Sobolev PMTF no. 3:20-55 S-O '60.

Slight oscillations of the vertical axis of a gyroscope having a cavity completely filled with an ideal incompressible liquid. A. IU. Ishlinskii, M. E. Temchenko PMTF no. 3:65-75 S-O '60.

Stability of the rotary motions of a gyroscope having a cavity partially filled with a liquid. B. A. Kostandian PMTF no. 3:56-64 S-O '60.

Using Liapunov's second method for studying the stability of the stationary movements of a gyroscope, taking the elastic properties of the rotor axis into account. V. V. Krementulo Prikl mat. i mekh. 25 no. 3:570-582 My-Je '61.

GYROSCOPIC INSTRUMENTS

Zholdak, S. A. [Technology of the manufacture of small gyroscopic motors] Tekhnologiia izgotovleniia malogaboritnykh giromotorov. Leningrad, Gos. soiuznoe izd-vo sudostroit-promyshl., 1961. 266 p.

HAAPSALU BAY—HEALTH RESORTS, WATERING PLACES, ETC.

On a turquoise bay. S. Smuglyi. Zdorov'e 7 no. 6:17 Je '61.

HAFNIUM—ANALYSIS

Photometric determination of zirconium in hafnium with the arsenazo III reagent. S. V. Elinson, N. A. Mirzoian Zav. lab. 27 no. 7, 798-801 '61.

HAFNIUM-IRON ALLOYS see Iron-hafnium alloys

HAIL
Unusual form of hail V. P. Alekseev Meteor i gidrol no 8,42 Ag '61.

HAIRCUTTING see subdivision under United States

HAIRDRESSING
(see also subdivision under Moscow)
Women's hair styles. 'Mest. prom. i khud. promys. 2 no. 6;35 Je '61.

HALL EFFECT
Hall constant in p-Ge as a function of the magnetic field intensity. Z. A. Zavadskii, IU. T. Kovrizhnykh, I. G. Fakidov. Zhur. eksp. i teor. fiz. 40 no. 4 1229-1231 Ap '61
Investigating the possibility of various frequency signal amplification based on the Hall effect S. Sukhanov Izv. AN Turk. SSR Ser. fiz.-tekh., khim. i geol. nauk no. 3:10-16 '61
Investigation of balanced modulators in multiplex telephony based on the Hall effect S. Sukhanov. Izv. AN Turk. SSR Ser. fiz.-tekh., khim. i geol. nauk no. 3:3-9 '61

HALLOYSITE
Effect of dehydration on the morphology of halloysite. IU. O. Rus'ko. Geol. zhur. 21 no. 3:57-60 '61.

HALLS OF RESIDENCE see Dormitories

HALOGENS—SPECTRA
Determination of sulfur and halogens in solutions by the use of a hollow cathode I. A. Berezin Zav. lab. 27 no. 7 859-861 '61

HAMBURG—TUNNEL LINING
Single-piece tunnel sections of prestressed concrete. IA. S. Fain. Transp. stroi. 11 no. 7:54-55 Jl '61

HAMMAN-RICH SYNDROME see Pulmonary fibrosis

HAMMERS
New electric hammers. V. V. Ivanov, N. F. Riashentsev. Mekh. stroi. 18 no. 7:31-32 Jl '61
Weight parameters of hammers without anvil blocks. V. A. Evstratov. Trudy KhPI 21 Ser. met. no. 4. 117-121 '59

HAMSTERS—DISEASES AND PESTS
New coccidian species of the genus Eimeria from the gray hamster (Cricetulus migratorius Pallas, 1770,) [with summary in English] M. A. Musaev, A. M. Veisov Zool. zhur. 40 no. 7:971-975 Jl '61

HAND—WOUNDS AND INJURIES
Phenomenon of lock spasm in wounds of the hand. B. A. Matveev. Voen.-med. zhur. no. 3,72 Mr '61.

HAND TRUCKS
Profsoiuz rabochikh mashinostroeniia. TSentral'nyi komitet. [Safety engineering instructions for workers conveying loads in hand carts and trucks] Instruktsiia po tekhnike bezopasnosti dlia rabochikh po peremeshcheniiu gruzov na ruchnykh telezhkakh i vagonetkakh. [Moskva] Mashgiz, 1961. 13 p.

HANDICAPPED
The beating of a soldier's heart. S. Dykhne. Blok. agit. no. 20:32-36 Jl '61.

HARBORS—SANITATION
Studies on bottom deposits in the evaluation of sanitary conditions of aquatoria. N. N. Alfimov, O. G. Mironov. Gig. i san. 26 no. 3,91-92 Mr '61.

HARD FACING
Design and investigation of friction hard facing. Kh. A. Tlaiar, Avtom. svar. 14 no. 7:33-39 Jl '61.
Saturation with niobium in a solid medium I. V. Volobuev Trudy KhPI 21 Ser. met. no. 4:123-129 '59.
Wear-resistant hard facing of suction dredge parts which deteriorate quickly E. F. Belousov, V. V. Vladimirov, M. S. Kliashchitskii. Mekh. stroi. 18 no. 7:28-30 Jl '61.

HARD FACING—EQUIPMENT AND SUPPLIES
New brands of electrode wire for wear-resistant hard facing. I. I. Frumin and others. Avtom. svar. 14 no. 7:54-64 Jl '61.
Spiridonov, A. A., and A. A. Somkin. [New equipment for automatic hard facing by semicircular weaving arc] Novoe oborudovanie dlia avtomaticheskoi vibrodugovoi naplavki. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 72 p.

HARDBOARD
Improving the water resistance properties of particle boards. A. A. El'bert. Der. prom. 10 no. 7:25 Jl '61.
New building materials. Sel'. stroi. 16 no. 6:28 Je '61.
Seminar on the manufacture of particle boards and their use in the furniture industry and construction. Der. prom. 10 no. 6:2, 3 of insert Je '61.

HARDBOARD—TESTING
Reduction of physical and mechanical indices of slabs to comparable values. V. M. Khodak. Der. prom. 10 no. 7,14 Jl '61.

HARDNESS
Anisotropy of the microhardness of germanium. M. S. Ablova Fiz. tver. tela 3 no. 6 1815-1820 Je '61
Methods of determining the hardness and modulus of elasticity of plastics. A. D. Kuritsyna, P. G. Meimster Zav. lab. 27 no. 8:1030-1033 '61
Methods for determining the hardness penetration of low hardenability steels. M. E. Blanter and others Zav. lab. 27 no. 8:978-980 '61

HARDNESS—TESTING
Hardness tests for milling arbors [in Azerbaijani with summary in Russian] N. A. Aliev, F. G. Magerramova, M. M. Musazade Izv. AN Azerb. SSR Ser. fiz.-mat. i tekh. nauk 2:55-59 '61

HARMONIC FUNCTIONS
Some boundary value problems for a hollow cylinder of finite length [with summary in English]. IU. A. Shapiro Inzh.-fiz. zhur. 4 no. 6,101-105 Je '61

HARP see subdivision under Moscow

HARTE, BRET, 1836-1902
Lidskii, IUrii. [Realist writer Bret Harte] Pisatel'-realist Bret Gart. Kiev, Izd-vo Akad. nauk USSR, 1961. 71 p.

HARVESTING
(see also subdivision under Ust'-Labinsk District)
The struggle for grain; advice to rural propagandists. Agitator no 15:27-30 Ag '61.
We should try to prevent the acts of pilfering during the harvesting of grain. G. Degtiarev, G. Vorob'ev Sov. iust. no 14:23-24 Jl '61

HARVESTING MACHINERY
Cutter bars of harvesting machinery designed for work at increased speeds E. S. Bosoi Trakt. i sel'khozmash. 31 no. 8 32-35 Ag '61
Performance of harvesting machinery at increased speeds V. Surin Tekh. v sel'khoz. 21 no. 7:64 Jl '61
Wide-range harvesting unit. N. Sinenko Sel'. mekh. no. 7:10-12 '61

HAŠEK, JAROSLAV, 1883-1923
Elanskii, N. P. [The early works of Jaroslav Hašek] Rannee tvorchestvo IAroslava Gasheka. Saratov, Saratovskii gos. pedagog. in-t, 1960. 118 p. (MH)

HAVANA—THEATER
"St. Juana of America" V. K. Teatr 22 no. 7:189-191 Jl '61

HAWKS
(see also subdivision under Ryazan Province)
Relationship between the nesting and flight characteristics in hawks. V. E. IAkobi. Ornitologiia no. 2:35-40 '59.

HAY—DRYING
Machine for stacking hay on racks IU. Kalutskii. Tekh. v sel'khoz. 21 no. 7:54 Jl '61.

HAY—HARVESTING
Economic effectiveness of using pickup balers V. N. Pozdniakov Dokl. i soob. VNIESKH no 4:45-48 '58.
Hay harvesting with the help of a loader and hayrack. A. Batyrshin. Tekh. v sel'khoz. 21 no. 7:23-27 Jl '61.

HEALTH EDUCATION
(see also subdivision under Tyumerovo)
Diffusion of popular scientific medical literature in rural areas. D. M. Velichka. Fel'd. i akush. 26 no. 6:56-58 Je '61.
Necessary handbook ("Elementary school instruction and training in hygiene" by I. I. Mil'man. Reviewed by I. IAkovlev). Nar. obr. no. 8:100 Ag '61.

HEALTH RESORTS, WATERING PLACES, ETC.
(see also subdivision under Crimea; Haapsalu Bay; Kur'i; Mongolia; Moscow; Narva-Joesuu; Odessa; Ukraine; Yalta, Yevpatoriya; see also Truskavets)
Necessity for improving health resort care for gynecological patients. S. K. Lesnoi. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 3:258-260 My-Je '60.

HEALTH RESORTS, WATERING PLACES, ETC.—BIBLIOGRAPHY see Bibliography—Health resorts, watering places, etc.

HEARING
Elaboration of fine acoustic differentiations without special reinforcement [with summary in English]. N. P. Paramonova. Zhur. vys. nerv. deiat. 11 no. 3: 408-414 My-Je '61.
"Noise reduction" [in English] edited by L. L. Beranek. Reviewed by S. A. Rybak and B. D. Tartakovskii. Akust. zhur. 7 no. 2:271-272 '61.

HEARING AIDS
(see also subdivision under Yaroslavl)
Efficient hearing aid A. Vollerner Radio no 4 49 Ap '61
Letters to the editor Zdorov'e 7 no. 6:32 Je '61

HEART
Active effect of amino acids on cardiac activity [with summary in English]. T. A. Brakeh Vop. pit. 19 no. 2 41-42 Mr-Ap '60.
Cardiotachometer with interval-registration. V. A. Reaben, IU. R. Unger. Fiziol. zhur. 46 no. 3,356-360 Mr '60.
Dynamics of contractions of the right ventricle of the human heart [with summary in English]. V. L. Karpman, V. S. Savel'ev. Fiziol. zhur. 46 no. 3:316-317 Mr '60.
Effect of the removal of the adrenal substantia medullaris on conditioned reflex regulation of cardiac activity and respiration in cats during ontogenesis [with summary in English]. M. I. IAkovleva. Fiziol. zhur. 46 no. 3:291-298 Mr '60.
Influence of lactic acid on the function of the myocardium in frogs [with summary in English]. A. A. Mazurok. Fiziol. zhur. 46 no. 3,326-332 Mr '60.
Model for the demonstration of heart activity. F. S. Press. Biol. v shkole no 4:84-85 Jl-Ag '61
Peculiarities in the influence of the vegetative nervous system on cardiac function in Australian lambs [with summary in English] R. L. Mitropolitanskaia Fiziol. zhur. 46 no. 3, 318-325 Mr '60
Reflex activity of serotonin on a frog's heart following its perfusion of the aorta. Fan. Tian'-tsi [Fang T'ien-ch'i]. Fiziol. zhur. 46 no. 3:333-337 Mr '60.

HEART—ABNORMITIES AND DEFORMITIES
The impossible is possible. I. M. Llandres. Zdorov'e 7 no. 6:20-21 Je '61
Labor in women with heart defects L. V. Vanina Fel'd. i akush. 26 no. 6 3-7 Je '61

HEART—DISEASES
Conditioned reflex reproduction of the effect of novurit and nitroglycerin in patients with cardiac decompensation, hypertension, and coronary insufficiency [with summary in English]. J. Simonyi. Zhur. vys. nerv. deiat. 11 no. 3,425-431 My-Je '61.
Treatment of patients with chronic aneurysm of the heart in local sanatoriums. G. M. Natishtat. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 3,233-230 My-Je '61.
"X-ray diagnosis of acquired cardiac defects in children" by N. A. Panov. Reviewed by IA. L. Shik Vest. rent. i rad. 36 no. 3:73 My-Je '61.

HEART—HYDATIDS
Parasitic cyst of the heart. P. V. Borovkova, Ш. A. Veisman. Vest. rent. i rad. 36 no. 3 62-63 My-Je '61

HEART—MUSCLE
Effect of the sympathetic nerve on the assimilation of different rhythms of electric stimulation by the myocardium of heart ventricles E. B. Babskii, I. S. Ulin-skii. Dokl. AN SSSR 139 no. 3:752-754 Jl '61
Experiments in transplanting the myocardial tissue into the lymph heart of a frog S. D. Maliovanova. Nauch. dokl. vys. shkoly, biol. nauki no. 3:61-64 '61

HEART—RADIOGRAPHY
Contrast examination of the left heart by a direct puncture method. G. A. Kuchinskii, I. A. Medvedev, A. S. Pipko. Vest. rent. i rad. 36 no. 3:14-18 My-Je '61
Roentgenokymographic examination of the heart during radioactive iodine treatment for thyrotoxicosis. F. V. Budagova. Vest. rent. i rad. 36 no. 3,56-59 My-Je '61.

HEART—SURGERY
Mental disorders following surgical treatment of acquired defects of the heart [with summary in French]. V. V. Kovalev. Zhur. nevr. i psikh. 61 no. 3:420-425 '61
HEART—VALVES—DISEASES
Role of angiocardiography in the diagnosis of tricuspid stenosis [with summary in English]. IU. S. Petersiian, A. D. Levant. Vest. rent. i rad. 36 no. 3:10-13 My-Je '61.

HEAT—CONDUCTION
Calculating the temperature dependence of the heat conduction coefficient in nonstationary conductive heat exchange. E. A. Sidorov. PMTF no. 4:62-63 N-D '60
Generalization of G. M. Kondrat'ev's theorem for the case of variable thermal conductivity and thermal capacity coefficients and the application of the generalized theorem for determining the thermophysical properties of various substances. L. I. Kudriashov, L. I. Zhemkov. Sbor. nauch. trud. Kuib. indus. inst. no 8 23-29 '59.
Generalization of the theory of regular thermal conditions for the case of variable thermal conductivity and thermal capacity coefficients. L. I. Kudriashov, L. I. Zhemkov. Sbor. nauch. trud. Kuib. indus. inst. no. 8 3-17 '59.
Stability of the solution of the nonlinear equation of heat conduction. L. F. Rakhmatullina. Prikl. mat. i mekh. 25 no 3:591-592 My-Je '61.

VECTION

of the theory of acoustic streams near dies to particular cases. P. N. Kubanskii. 7 no. 2 210-214 '61.

of heat exchange in a rarefied gas in the case convection [with summary in English]. A. N. nzh.-fiz. zhur 4 no 6 70-77 Je '61.

se of the method of intermediate integration eory of similarity in solving problems of e heat transfer. L I Kudriashev, N I Sbor. nauch. trud. Kuib indus inst no. 8 59.

model for investigating the convection cur- lass melts in glass tank furnaces A A Trudy MIKHM 16 3-15 '58

ee convection on convective heat transfer in ispersive systems L I Kudriashev, V IU li Sbor nauch trud Kuib indus inst no 8 59

steady thermal conditions and flow rates on heat transfer in gaseous dispersive systems ashev, V. IU Berezanskii Sbor. nauch trud. inst no 8 185-188 '59

of free convection [with summary in Eng- Pomerantsev. Inzh.-fiz. zhur 4 no. 6 21-

he thermal motion in fluids [with summary in A. S Predvoditelev. Inzh.-fiz zhur 4 Je '61

SIOLOGICAL EFFECT

ance of thoracic legs in gammarids of Lake . E. Mokhlin. Dokl. AN SSSR 139 no 4: g '61.

metabolism of vitamins in workers in the hot metallurgical factory [with summary in Eng- M. Maslenikova and others Vop pit 19 no 2: p '60.

ATION AND ABSORPTION

fer near the forward critical point of a cylindrical heat transfer I. V Nemchinov, L. P. PMTF no. 4:29-35 N-D '60

taking radiative heat transfer into account. inov, A. S. Fonarev PMTF no 3:146-151

mal conditions in bodies with internal energy in the case of variable thermophysical ties. L. I Kudriashev, L I Zhemkov. Sbor . Kuib. indus. inst no. 8 19-32 '59.

r's method for the quantitative investigation ture waves. S. A. Abrukov, V V. Kurzhunov, ikov Izv. vys ucheb. zav , fiz. no 2 98-101

SMISSION

ference on Heat Exchange and Mass Transprom. no 7:516-517 Jl '61

of a generalized hydrodynamic theory of heat determine the coefficients of convective er and thermal resistance in a discontinuous solids. O. M. Golovanov. Sbor nauch trud inst no. 8 53-60 '59.

electrothermal analogy method for modeling ission through the tank wall of a glass A Sokolov Trudy MIKHM 16 17-21 '58.

gas dynamics theory of heat transfer to the scontinuous flow around solids. A A. Smirnauch trud. Kuib indus inst no 8:123-130

heat exchange in a rarefied gas in the case nvection [with summary in English]. A N h.-fiz zhur. 4 no. 6 70-77 Je '61.

of evaporation in spray drying of overheated M. I. Verba, B. I. Leonchik. Izv. vys ucheb. 4 no. 7. 76-78 Jl '61.

n of the hydraulic resistance and heat transient air flow in noncircular tubes L. I A S Freidin Sbor nauch. trud. Kuib. no. 6. 283-290 '59

the boundary of the effect of free motion on nsfer coefficient in forced flow around -Kudriashev, L A Vvedenskaia. Sbor. Kuib. indus. inst no 8:131-144 '59.

lifting power on the coefficients of convecnsfer and thermal resistance in a discon- around solids. O. M. Golovanov. Sbor Kuib. indus. inst. no 8, 103-105 '59.

setup for studying the heat transfer and re- urbulent flow of water in a smooth tube kova, G. A. Matatskii. Sbor nauch trud. inst no. 8 177-184 '59.

study of heat exchange between a sphere ading turbulent air flow [with summary in K. Shchitnikov. Inzh.-fiz. zhur. 4 no. 6: 31.

transfer in the conductive-convective dry- y porous bodies [with summary in English]. ov. V. A. Danilov. Inzh.-fiz. zhur. 4 no. 6: 1.

in boiler furnaces in the flameless burning igh calorific value. B. I. Shestakov. Sbor. Kuib. indus. inst. no. 8, 151-165 '59.

in flows across plane surfaces [with sum- lish] V. A. Baum, M. K. Bologa, P. M. -fiz. zhur 4 no. 6: 13-20 Je '61.

Heat transfer during film condensation of clean steam in slow motion along vertical tubes of considerable length. R. S Nikolaeva Sbor nauch trud Kuib indus inst no 8, 301-307 '59.

Heat transfer in a turbulent boundary layer B. A Urukov. PMTF no. 3:119-125 S-O '60.

Laws governing resistance and heat exchange in a turbulent boundary layer of a compressible gas and a method for calculating friction and heat exchange [with summary in English]. S. S Futateladze, A. I Leont'ev Inzh.-fiz. zhur. 4 no 6. 33-41 Je '61

Method of heat calculations of the main turbine surface condenser by tube groups V A. Agafonov Trudy LKI no 29 137-142 '59

Mikheev, M. A., and others [Heat transfer in melted metals] Teplootdacha rasplavlennykh metallov. Moskva, 1955. 13 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Solving certain three-dimensional problems of radiant heat exchange by converting them into two-dimensional problems [with summary in English]. I R. Mikk, I P. Epik. Inzh.-fiz. zhur 4 no. 6 90-100 Je '61

Temperature field in the ground near an insulated cylindrical heat-transfer agent [with summary in English]. M. D Khashd. Inzh.-fiz. zhur 4 no. 6. 83-89 Je '61.

Thermal stresses in the walls of a cylinder. L. I. Bashkirov, K. N. Nikitin. Energomashinostroenie 7 no. 4 44-45 Ap '61.

HEAT CAPACITY

Experimental determination of the heat capacity of liquid fuels at different temperatures and pressures S N. Piatibratov. Trudy MAI no. 132:31-44 '61

Experimental investigation of the heat capacity of vapors of the aviation fuels, gasoline B-70, kerosene T-1, and fuel T-5 at constant pressure. S N Sokolov, IU V. Tarlakov Trudy MAI no 132:15-30 '61

Generalization of G. M Kondrat'ev's theorem for the case of variable thermal conductivity and thermal capacity coefficients and the application of the generalized theorem for determining the thermophysical properties of various substances. L. I Kudriashev, L I Zhemkov. Sbor. nauch trud Kuib. indus. inst. no. 8 23-29 '59

Generalization of the theory of regular thermal conditions for the case of variable thermal conductivity and thermal capacity coefficients L. I Kudriashev, L. I Zhemkov Sbor. nauch trud Kuib indus. inst no 8 3-17 '59

Heat capacity of water and water vapor at high temperatures and under high pressures Kh I Amirkhanov, A. M Kerimov. Dokl AN SSSR 139 no 2:398-401 Jl '61

HEAT CONTENT see Enthalpy

HEAT ENGINEERING

Complete mechanization of the heating process in a layer burning of fuel. L B Zarudnyi, S. S. Dubinin, R S Nestolovskii Trudy MIKHM 16 103-119 '58.

Effect of nonuniform heating along a pipe on the value of critical heat flows. M. A. Styrikovich, Z. L Miropol'skii, Shen' Chzhao-tsian' Dokl AN SSSR 139 no 4: 859-862 Ag '61

HEAT ENGINEERING—EQUIPMENT AND SUPPLIES

Preobrazhenskii, V. P. [Thermometric devices; plates for use in instruction] Teplоizmeritel'nye pribory; uchebnye tablitsy. Moskva, Gos. energ. izd-vo, 1946. diagrams.

HEAT ENGINES

Terent'ev, M. M. [Studying heat engines in the physics course for the ninth grade] Izuchenie teplovykh dvigatelei v kurse fiziki IX klassa; posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1958. 125 p.

HEAT EXCHANGERS

Operation of a kiln with a complex of heat exchange apparatus S. I. Karevskii. TSement 27 no. 3: 14-16 My-Je '61.

Screening heat exchangers in rotary kilns. G. I. Glogovina. TSement 27 no. 3:27 My-Je '61.

Thermal stresses in the walls of a cylinder. L. I. Bashkirov, K. N. Nikitin. Energomashinostroenie 7 no. 4: 44-45 Ap '61.

HEAT OF COMBUSTION

All-metal microcalorimeter for the determination of heats of combustion [with summary in English]. V. V. Ponomarev, T. A. Alekseeva. Zhur. fiz. khim. 35 no. 7: 1629-1633 Jl '61.

HEAT OF DISSOCIATION

Heat of dissociation of Ni_3Fe, Ni_3Mn, Ni_3Cr, and Ni_3V, Kurnakov's compounds. I. I Kornilov, N. M. Matveeva Dokl. AN SSSR 139 no. 4:880-883 Ag '61.

HEAT OF FUSION

Melting heat of polymers. N. A. Nechitailo, P. I. San'in, I. M. Tolchinskii. Plast. massy no 8:3-5 '61.

HEAT OF SUBLIMATION

Dissociation energies and heats of sublimation of alkaline earth metal oxides [with summary in English]. V. A. Medvedev. Zhur fiz khim 35 no 7 1481-1488 Jl '61

HEAT OF VAPORIZATION

Experimental investigation of the saturated vapor pressure of some liquid aviation fuels, and the calculation of heats of vaporization. S N Sokolov, IU V Tarlakov. Trudy MAI no 132:116-122 '61.

HEAT OF WETTING

Heat of wetting aluminum oxides by benzene, cyclohexane, and cyclohexene solutions in n-heptane I V Smirnova, A A Kubasov, K V Topchieva. Dokl AN SSSR 139 no 1:150-153 Jl '61

HEAT REGENERATORS

Bas'las, I. P., and A. I. Chernogolov. [Open-hearth furnace regenerators] Regeneratory martenovskikh pechei. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii Sverdlovskoe otd-nie, 1961. 174 p.

HEAT RESISTANT ALLOYS

Particular characters of the structure of the fatigue fractures of specimens and elements of heat resistant alloys T V Gordeeva, T A Volodina, A. M Zaitsev Zav lab 27 no. 7 894-899 '61

HEAT RESISTANT ALLOYS—METALLOGRAPHY

Effect of certain polymorphic transformations on the heat resistance of alloys V K Grigorovich Izv. AN SSSR Otd tekh. nauk Met. i topl no. 3, 63-66 My-Je '61

HEAT RESISTANT STEEL see Steel, Heat resistant

HEAT TREATING FURNACES see Furnaces, Heat treating

HEATING

Liber, I. S. [New heating system for residential and public buildings] Novaia sistema otopleniia zhilykh i grazhdanskikh zdanii; stenogramma lektsii. Leningrad, 1961. 32 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy Serilr Stroitel'naia promyshlennost')

Minsk. Belorusskii politekhnicheskii institut, Kafedra "Teplogazosnabzhenie i ventilliatsiia." [Laboratory praktikum po otopleniiu, ventilliatsii i gazosnabzheniiu. Pod obshchei red. E. Kh. Odel'skogo i A. K. Andreevskogo. Minsk, Redaktsionno-izdatel'skii otdel BPI, 1960. 143 p.

Rate of heat release during heating as related to the temperature and wind velocity of the outside air L P Pokhletsov Izv vys ucheb. zav.; stroi i arkhit 4 no 3 102-106 '61.

Theory of the heat resistance of exterior walls A. V Lykov. Izv ASIA no. 1, 69-74 '61.

HEATING—ESTIMATES

Estimation of the heating load in the design and operation of gas mains V A TSeretin Sbor. nauch trud Kuib indus. inst no. 8, 239-250 '59.

HEATING FROM CENTRAL STATIONS

Centralized heating of agricultural units. A. M. Rakovich. Dokl. TSKhA no 55:337-347 '60.

HEATING PIPES

Heat-conducting canals built in rock A. E. Shkol'nik. Vod. i san. tekh. no. 2 33 F '61.

HEATSTROKE

Sanitary and hygienic conditions of hot workshops in bakeries and morbidity among bakers. R. S. Garshtein. Gig. i san. 26 no. 3, 61-64 Mr '61.

HEEL BONE—DISEASES

Calcaneal spur. N. P. Chernina. Zdorov'e 7 no. 6:22 Je '61.

HELICOPTERS

Using helicopters in construction. - L. N. Tentler. Mont. i spets. rab v stroi. 23 no. 7:32-3 of cover Jl '61.

HELICOPTERS—PILOTING

Instrument flight. A. T. Gerasimov. Grazhd. av. 18 no. 6: 8 Je '61.

HELIUM

Breakup of CO^+ and CO_2^+ ions colliding with neon and helium atoms [with summary in English]. V K. Potapov Zhur. fiz. khim. 34 no 2:444-445 F '60

Electron loss and capture in gases by helium ions in the energy range of 200 to 1500 kev. [with summary in English]. L. I Pivovar, V. M. Tubaev, M. T. Novikov. Zhur. eksp. i teor. fiz. 41 no. 1 26-31 Jl '61.

HELIUM—ISOTOPES

Nucleon correlations and photonuclear reactions. Part I. Photodisintegration of He^4 [with summary in English]. G. M. Shklifarevskii. Zhur. eksp. i teor. fiz. 41 no. 1 234-239 Jl '61.

Possible observation of He^6 nuclei. O. V. Lozhkin, A. A. Rimskii-Korsakov. Zhur eksp. i teor. fiz. 40 no 5:1519-1520 My '61.

HELIUM HYDRIDE

Calculation of the system HeH^+ by means of the valence structure method. S. I. Vetchinkin, N. D Sokolov. Zhur. fiz khim 35 no. 7:1645-1647 Jl '61

HEMATOPORPHYRIN—SPECTRA

Formation of unstable forms of phthalocyanines and hematoporphyrin under pulsed illumination A N Terenin E B Liubomudrov, A V Shablia Izv AN SSSR Otd khim nauk no 7 1206-1213 Jl '61

HEMATOXYLIN

Trilonometric determination of thorium with hexatoxylin as indicator A S Mel'nikova, A I Cherkesov Zhur VKHO 6 no 4:469-470 '61

HEMICELLULOSE

Duration of regeneration and transformation dynamics of hemicelluloses in the barley stem V M Terent'ev, N.N Stasenko, Zh I Petrovich Biul Inst biol AN BSSR no 5:149-156 '60

Hydrolysis of hemicellulose components of pine wood with 30-36% hydrochloric acid N V Chalov, A Kh Aman Zhur prikl khim 34 no 7:1601-1608 Jl '61

HEMINGWAY, ERNEST, 1898-1961

Hemingway's heart Genrikh Borovik Ogonek 39 no 28:29 Jl '61

HEMOLYSIS AND HEMOLYSINS

Possibility of using tissue hemolysins as indicators of the effectiveness of radiation protective preparations V V Antipov. Radiobiologiia 1 no 1:86-92 '61

HEMOPOIETIC SYSTEM

Kiknadze, V.D. [Materials for an investigation of the influence of the liver on the processes of hemopoiesis] Materialy k izucheniiu vliianiia pecheni na protsessy krovetvoreniia. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo," 1960. 77 p. (Opyt sovetskoi meditsyny)

HEMORRHAGE, UTERINE

Lebedev, A. A., ed. [Clinical, morphological, and hormonal parallels in dysfunctional uterine hemorrhages] Kliniko-morfologo-gormonal'nye parallelli pri disfunktsional'nykh matochnykh krovotecheniiakh. Moskva, 1960. 209 p.
(DNLM)

HEMORRHAGIC DISEASES

Observations on hemorrhagic disease in rats caused by Rous' sarcoma virus. Report No 3 [with summary in English] I. N. Krilova Vop virus 6 no. 5:602-611 S-O '60

HEMORRHAGIC FEVER, EPIDEMIC see Epidemic hemorrhagic fever

HEMORRHAGIC SPETICEMIA OF CATTLE

Pathomorphology of the spleen, kidneys, and the heart in the pasteurellosis of cattle T B Movsesian Izv AN Arm SSR Biol nauki 14 no 5:61-67 My '61

HEPATITIS, INFECTIOUS

Nature of the hemagglutinating activity of the serum of patients with Botkin's disease [with summary in English]. D. B Golubev Vop virus 6 no 5:582-586 S-O '60

On P. E. Verbav's article "Relationship between mass immunization and the inoculation form of epidemic hepatitis" (no. 4, 1960). S. S. Spatarenko Vop. virus. 7 no 3 382 My-Je '61.

HEPATOLENTICULAR DEGENERATION

Amount of copper in the blood serum in normal subjects and in patients with some diseases of the brain [with summary in French]. B M. Gekht. Zhur. nevr i psikh 61 no 5 707-712 '61

"Hepatocerebral dystrophy" by N. V. Konovalov. Reviewed by B Man'kovskii Zhur. nevr. i psikh. 61 no. 3.473-477 '61.

HEPTADIENONE

Condensation of acetone to mesityl oxide and phorone in the presence of bromomagnesium alcoholates IU. IU TSmur Zhur. prikl khim 34 no. 7 1628-1630 Jl '61

HEPTANE

Study of the surface tension of n-heptane and n-octane [with summary in English]. L. D. Volfak, L. P. Andreeva Zhur fiz khim. 35 no 7 1416-1417 Jl '61

HERACLITUS, OF EPHESUS

The great thinker of ancient Greece: 2500th anniversary of the birth of Heraclitus of Ephesus IA IA. Povarkov. Priroda 50 no. 8:84-87 Ag '61.

HERBALS see Botany, Medical

HERBARIA

Two works on herbaria (Drying plants while preserving their color and form" by Z. A. Mamontov; "Herbarium and a panel" by N. D. Beliakov. Reviewed by L. A. Kuznetsov). Biol. v shkole no 3:93-94 My-Je '61.

HERBICIDES

Chemical weed control. V. P. Stupakov. Visnyk sil'-hosp nauky 4 no 8:41-45 Ag '61.

Chemical weeding. A. M. Nikiforov, K. A. Mamaev. Biol. v shkole no. 3-69-71 My-Je '61.

Effect of the repeated use of herbicides on the microflora of the soil [with summary in English] L. IU Khuchnikov A. N. Petrova. Mikrobiologiia 29 no 2:238-241 Mr-Ap '60

Results obtained from experiments with certain herbicides in controlling dodder on alfalfa fields [in Armenian with summary in Russian] N.O Karpetian. Izv. Upr. sel'khoz nauki Arm SSR 4 no.3 59-66 '61.

HERMITIAN OPERATOR see Operator, Hermitian

HERNIA

Doletskii, S. IA. [Diaphragmatic hernias in children] Diafragmal'nye gryzhi u detei. Moskva, Medgiz, 1960. 243 p.
(DNLM)

Militarev, IU. M. [Hernias; their prevention and treatment] Gryzhi, ikh preduprezhdenie i lechenie. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 21 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

HERODOTUS

Herodoteanea M F Boltenko Mat z arkheol Pivn. Prychor no 3 33-55 '60.

HEROES

A holder of the "Golden Star." N. Vinogradov. Blok. agit [Sov Armii] no 15:36-40 My '61

Our country rewards the brave. Blok. agit. [Sov. Armii] no. 17 23-25 Je '61.

Petrosian the expert becomes equal to Petrosian the hero V Korneev Starsh. -serzh. no. 1:15 Ja '61

Their names are listed in the Communist Youth League "honor book." Alla Cherepanova. Blok. agit. [Sov. Armii] no. 17 20-22 Je '61.

HERONS see subdivision under Primorsko-Akhtarsk District

HERPES

Intracellular localization of herpes virus in experimental encephalitis in the rabbit [with summary in English] R. M. Shen, M. I Parfanovich, G. A. Galegov. Vop virus 6 no. 5.538-541 S-O '60.

Some features of different strains of herpes viruses. Report No. 2: Pathogenicity and morphological features of different strains of herpes viruses [with summary in English]. A. K. Shubladze, T M Maevskaia, A. I. Vanag. Vop. virus. 7 no. 3:286-293 My-Je '61.

Some features of different strains of the herpes virus. Report No 3: Role of erythrocytes in the pathogenesis of infection [with summary in English]. A K. Shubladze, A. I. Banag, T. M Maevskaia. Vop. virus. 7 no. 3 293-299 My-Je '61.

Virus "B" infection in monkeys [with summary in English] E. R Pille. Vop. virus. 6 no. 5:542-547 S-O '60

HERRING see subdivision under Norwegian Sea

HERRING-FISHERIES

Vertical migrations of herring and methods of making use of them in the fishing practices. V N. Chestnoi. Ryb. khoz. 37 no 6.53-58 '61.

HETEROSIS

Study of the nature of heterosis and methods of making use of it in plant breeding [with summary in English]. Z. S. Nikoro. Biul. MOIP. Otd. biol. 66 no. 4:119-133 Jl-Ag '61.

Studying heterosis in corn in the Kamo region [in Armenian with summary in Russian]. S. A Sogomonian. Izv AN Arm SSR. Biol nauki 14 no. 5:41-50 My '61.

HEULANDITE

Heulandite from pegmatites. G. N. Tarnovskii. Zap. Vost. -Sib otd Vses min. ob-va no. 1.97-100 '59.

HEXADECANE

Oxidation of cetane at high temperatures. K. A. Cherviniskii, A. M. Orlianskii. Khim. i tekh. topl. i masel 6 no. 6:15-16 Je '61.

HEXADIENE

Interaction of nitrosyl chloride with diallyl and divinyl. K. A. Ogloblin, A. A. Potekhin. Zhur ob. khim. 31 no. 7:2438-2439 Jl '61.

HEXANAMIDE

High molecular weight polycaproamide. N. I. Antropova and others. Plast massy no. 7:17-19 '61

HEXANE

Fluorine- and sulfur-containing derivatives of meso-3, 4-diphenylhexane. S. F Torf, N. V. Khromov-Borisov. Zhur. ob. khim. 31 no. 7:2102-2106 Jl '61.

HEXANOIC ACID

Separate determination of butyl alcohol and butylacrylate vapors T. G. Lipina. Zav. lab. 27 no. 7-817 '61.

HEXENAL

Hexenal, an alkaloidal narcosis for cattle [in Armenian with summary in Russian]. G. F. Markarian. Izv. Upr. sel'khoz nauki Arm. SSR 4 no. 4:99-102 '61.

HIDAS, ANTAL, 1899-

"Hungary, my life!" ("Selected works in two volumes" by Antal Hidas Reviewed by M Shagalovich) Ogonek 39 no 43 27 Je '61.

HIDES AND SKINS
(see also subdivision under United States)

Rapid way of determining the shrinkage of hides [in Russian] from salting V Pravdukhina, R. Kuznechikova Mias ind SSSR 32 no. 2 18 '61

Unit for the mechanical removal of skin from sheep M. Nazarenko. Mias. ind. SSSR 32 no 4:15 '61

HIGH BLOOD PRESSURE see Hypertension

HIGH-PRESSURE STEAM see Steam, High-pressure

HIGH TEMPERATURE METALLURGY see Metals at high temperatures

HIGHER EDUCATION see Education, Higher

HIGHWAY TRANSPORT WORKERS see subdivision under Cuba; Lithuania, Lugansk Province

HIGHWAY TRANSPORT WORKERS—EDUCATION AND TRAINING

Practices for improving the qualifications of engineers and technicians V. Zinoviev, IA. Norkin. Avt. transp. 39 no 6:50 Je '61.

HIKMET, NAZIM, 1902-

Fish, R. G. [Nazim Hikmet; a sketch of his life and works] Nazym Khikmet; ocherk zhizni i tvorchestva. Moskva, Sovetskii pisatel', 1960. 385 p.
(CU)

HILBERT SPACE

Projecting in Hilbert space possessing a bilinear metric IU. P Ginzburg Dokl AN SSSR 130 no 4:775-778 Ag '61.

HIP JOINT—DISLOCATION

Petrosian, Kh. A. [Congenital dislocation of the hip] Vrozhdennyi vyvikh bedra. Erevan, 1957. 284 p.
(DNLM)

HISTAMINE

Changes in the histaminepoxic ability of blood in intoxicated dogs K M. Larionova. Radiobiologiia 1 no 2:247-249 '61.

HISTOLOGY

Eliseev, V. G., ed. [Principles of general histology and histological technique] Osnovy obshchei gistologii i gistologicheskaia tekhnika. Moskva, Medgiz, 1959 214 p.
(DNLM)

HISTORICAL MATERIALISM see Dialectical materialism

HISTORICAL MUSEUMS see subdivision under Gorki; Kerch; Kominternovskiy District, Ukraine

HISTORICAL RESEARCH
(see also subdivision under Poland)

General session of the Department of History of the Academy of Sciences of the U. S. S. R. G. P. Makarova Vop ist no. 8 107-109 Ag '61.

A meeting of two generations of historians. I A Mir Vop ist no. 8 169-170 Ag '61.

Study of the "origin of capitalism" by a council attached to the Department of History of the Academy of Sciences of the U S S R in 1960. A. N. Chistozvonov Vop ist no 8 109-110 Ag '61.

The use of electronic calculating machines in historical studies [with summary in English, pp. 218-217] V. A. Ustinov. Vop. ist. no. 8:3-6 Ag '61.

HISTORY

Brief notes. Vop. ist. no. 7:202-203 Jl '61.

Brief notes. Vop. ist. no. 8:203-204 Ag '61.

HISTORY—AUDIO-VISUAL AIDS

Use of motion-picture scenarios. I. I Smelianskaia Prep ist. v shkole 16 no. 4:88-91 Jl-Ag '61

HISTORY—BIBLIOGRAPHY see Bibliography—History

HISTORY—CURIOSA AND MISCELLANEA

Historical news Prep. ist. v shkole 16 no. 4:123-125 Jl-Ag '61.

HISTORY—STUDY AND TEACHING

Akademiia pedagogicheskikh nauk RSFSR, Moscow. Institut metodov obucheniia. [Extracurricular work on history and local lore in schools; from the experience of history teachers] Vneklassnaia istoricheskaia i kraevedcheskaia rabota v shkole; iz opyta raboty uchitelei istorii. Pod red. A. F. Rodina i A. N. Khudeleva. Moskva, 1958. 96 p. (Pedagogicheskie chteniia)

Characteristics of the homework on history in the new type schools. I. Merzon. Shkola-int no 3:59-65 My-Je '61.

Connection between the teaching of history and life. N. V. Popova. Nach. shkola 29 no. 8:26-29 Ag '61.

HISTORY -- STUDY AND TEACHING (Continued)

First history lessons in the fourth grade. V.I.Abramov Nach.shkola 29 no.8 59-61 Ag '61.

"Historical clubs in schools" by A N Khmelev Reviewed by A M Ombaev Prep ist v shkole 16 no 4 102-103 Jl-Ag '61

How we intend to conduct the first history lessons in the fourth grade. T.M.Sergeeva, V.P.Tsypareva Nach. shkola 29 no.8 61-64 Ag '61

Let's improve the teaching of history. I.Il'iushyn. Nar. asv no 5:3-7 My '61

"Methodological aspects of teaching history in senior grades of secondary schools" by A P. Chizhov Reviewed by A M Nevskii Prep ist v shkole 16 no 4 105-107 Jl-Ag '61

A new phase in the development of historical studies in Soviet schools [with summary in English, pp 215-216] A. T. Kinkul'kin, I IA Lerner Vop ist no 7,6-20 Jl '61

Teaching history in the fourth grade. M.S.Vasil'eva, Nach.shkola 29 no.8,52-59 Ag '61.

Work according to the new program in the sixth grade N I Zaporozhets. Prep ist v shkole 16 no 4 70-80 Jl-Ag '61

HISTORY, ANCIENT

Program for the history of world culture. Part 2. Culture of the ancient world (continuation) Vest ist mir. kul't. no. 3-76-101 My-Je '61.

HOCKEY

Come out on hockey rinks A Tarasov. Starsh.-serzh. no. 2;36 F '61.

HOFMANN, JOSEF, 1876-1957

Josef Hofmann performs. D.Rabinovich. Sov.muz. 25 no.7 84-87 Jl '61.

HOISTING MACHINERY

Assembly of precast concrete floors using a vacuum lifter A. A. Timofeev, E. F. Levitskii. Avt. dor. 24 no 7 22-24 Jl '61

Design of latticed steel headframes V. K Miurberg Ugol' Ukr no 6 23 Je '61.

Developing the automation of hoisting and conveying machinery. Mekh i avtom. proizv. 15 no 7:55-58 Jl '61

New lifting system for maintenance and repair of motor trucks G. Gullaev Avt. transp 39 no 6,19-21 Je '61

Overhead installations with wedge eye rings A I. Petrakov. Ugol' Ukr. no 6 30-32 Je '61

Program control of a hoisting machine. N. I. Erofeev and others. Mekh i avtom. proizv 15 no. 7 33-37 Jl '61

HOISTING MACHINERY -- ELECTRIC DRIVING

Improving the regulating properties of the asynchronous drive of small hoisting machines V. M. Chermalykh Ugol' Ukr. no. 6 19-21 Je '61

HOLLOW BRICKS

Apparatus for manufacturing hollow brick. A. Kiyvenko. Sil' bud. 11 no. 7;13 Jl '61

HOME AND SCHOOL

(see also subdivision under Kaliningrad, Moscow Province, Karelia; Kozel'shchina District; Monchegorsk; Crnya District, Ukraine)

Good management of a kindergarten is the basis for the development of children's conduct. V A. Murasheva. Doshk. vosp. 34 no. 7 57-61 Jl '61

Interesting experiment T. S. Komarova Doshk. vosp. 34 no 6,112-116 Je '61.

More about parents' day. A. M. Pekii, M. N. Solov'eva. Doshk vosp 34 no 7;75 Jl '61.

People who guide them toward life. A. Venger. Sem'ia i shkola 16 no 5;34-35 My '61.

Talk to them not only at the meetings. V. Tinde. Sem'ia i shkola 16 no 5;18 My '61.

These are not trifles. Z. D. Sizenko. Doshk. vosp 34 no. 6 105-106 Je '61.

Training school. I. A. Gal'perina. Doshk. vosp. 34 no. 7 70-73 Jl '61.

What Alesha's mother forgot. T. Ivanova. Sem'ia i shkola 16 no 5,37-38 My '61.

HOME AND SCHOOL -- PERIODICALS

Big talk in a big hall of a workers' club. V. Pevzner. Sem'ia i shkola 16 no 5,29 My '61.

HOME ECONOMICS, RURAL see subdivision under Pechora District

HOME EDUCATION see Domestic education

HOME NURSING

"Home care of patients" by G. M. Popov, V. A. Gaikin. Reviewed by E. I. Bundin. Fel'd. i akush. 26 no 7-64 Jl '61

HOMOGENIZATION

Preparation of samples for analysis by means of homogenization. V. S. Sergeev. Vop pit. 20 no 4-82 Jl-Ag '61

HONEY

Determining the invert sugar in honey. M. N Tul'chinskii. Izv vys ucheb zav , pishch. tekh no. 2 134-136 '60

Iolrish, N. P. [Bees and health] Pchely i zdorov'e. Moskva, [Izdatel'skoe biuro tresta "Meduchposobie,"] 1961. 1 v. illus.
(DNLM)

HONSHU, JAPAN -- ECONOMIC CONDITIONS

Tohoku, the "left side" of Japan I Latyshev. Az i Afr seg no, 7 23-25 Jl '61.

HOOPOES see subdivision under Bashkiria

HOOTZOOLS see Hucuis

HOPPERS

Automatic measuring hopper. S. Rozhkov. Na stroi. Ros. no. 5-20 My '61.

Designing the walls of reinforced concrete hoppers by the method of limiting equilibrium. L. P. Zhdakhin. Trudy Ural. politekh. inst. no. 110 27-34 '61

HORMONES

Achievements of an out-of-town session of the Academy of Medical Sciences held in Tiflis S. E Karandaev. Vest AMN SSSR 16 no. 3 62-70 '61.

Effect of host hormones on the diapause in Pteromalus puparum L. (Hymenoptera, Chalcidoidea). V A. Maslennikova Dokl. AN SSSR 139 no 1;249-251 Jl '61.

HORMONES, SEX

Hormone therapy for patients with far advanced stages of breast cancer [with summary in English] O V Sviatukhina Vop. onk 5 no. 11;555-564 '59

Stepanova, L. G., and E. A. Kukushkina. [Hormonal research in gynecology; collection of works of the Endocrinology Laboratory at the Research Institute for Midwifery and Gynecology of the Ministry of Public Health of the R. S. F. S. R.] Gormonal'nye issledovaniia v ginekologii; sbornik rabot laboratorii endokrinologii Nauchno-issledovatel'skogo instituta akusherstva i ginekologii Ministerstva zdravookhraneniia RSFSR. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 201 p.

HORNBEAM see subdivision under White Russia

HORSE MEAT see subdivision under Kazakhstan

HORSEMANSHIP

"Absent" does a piaffe. Viktor Babkin. Smena 38 no. 11; 24-26 Je '61.

HORSES -- PHYSIOLOGY

Regular features in the changeability of the specific weight and volume of tubular bones in the fetus of a horse I. K Pereiaslavs'kyi. Visnyk sil'hosp nauky 1 no 8-110-111 Ag '61.

HORSES, FOSSIL see subdivision under Kazakhstan

HOSE -- MAINTENANCE AND REPAIR

Repairing hose. A. Brinkhanov. Sel'. mekh. no. 7-28 '61

HOSE COUPLINGS

Changes in the design of sleeve nozzles used for coupling flexible hoses. T. A. Puzikov, F I. Sukhov. Sbor. rats. predl. vnedr. v proizv. no. 2;15 '61

HOSIERY INDUSTRY see subdivision under Leninakan

HOSPITAL RECORDS

Role of registry in the polyclinic. G. L. Gomel'skaia. Zdrav. Ros. Feder. 5 no. 7;21-23 Jl '61.

HOSPITALS -- STAFF

Public-health workers should have additional leave and a shortened working day. A. Aleksandrov. Okhr truda i sots. strakh. 4 no. 6 42-43 Je '61.

HOT-AIR HEATING

Comparing air heaters working with a by-pass valve and without it. E. E. Karpis. Vod. i san. tekh. no 2, 5-10 F '61

Power consumption by the fan of a heating system depending on its position in relation to the air heater. K A. Ushakov. Vod. i san tekh. no 7;37-38 Jl '61.

HOT-WATER HEATING

Choice of water direction in heating boilers. M. S. Ivanova Vod. i san. tekh. no. 3;32-35 Mr '61.

HOT-WATER SUPPLY

Controlling corrosion in hot-water supply systems by water stabilization through filtration. IU. M. Varfolomeev. Vod. i san. tekh. no. 2-13-17 F '61.

Residential heating system combined with hot-water supply. V. S. Malov. Vod. i san. tekh. no 7;28-29 Jl '61

HOTBEDS

School hotbeds heated by a stove. G. I. IAnin. Biol. v shkole no. 4;50-52 Jl-Ag '61.

HOURS OF LABOR

(see also subdivision under Canada, Italy, Tiflis)

Kabro, S. L., and K. S. Nesatata. [The shortened workday in the building materials industry] Sokrashchennyi rabochii den' na predpriiatiiakh promyshlennosti stroitel'nykh materialov. Kiev, Gosstroiizdat, 1960. 75 p.
(MH)

Pisarzhevskii, Oleg. [From eight to five] Ot vos'mi - k piati. [Moskva, Izd-vo "Molodaia gvardiia," 1960] 16 p.

Povet'ev, G. A., and F. I. Gavze, eds. [Problems in Soviet civil and labor law] Voprosy sovetskogo grazhdanskogo i trudovogo prava. Minsk, Izd-vo Belgosuniversiteta im. V. I. Lenina, 1961. 125 p.

Public-health workers should have additional leave and a shortened working day A Aleksandrov. Okhr. truda i sots strakh 4 no 6 42-43 Je '61

Seven-hour workday. P. Khramikhin. Mias. ind. SSSR 31 no 4;46-47 '60

Some results of transferring the Chernovtsy Sugar Combine and the new wage system Drobotenko Sakh prom 35 no 7 56-57 Jl '61.

Struggle for the forty-hour workweek Jan Wetzler. Vsem prof. dvizh. no. 6-39-43, 51 Je '61

The workday and communism. A Aganbegian. Vop. ekon. no. 7;23-33 Jl '61

HOUSE DRAINAGE see Drainage, House

HOUSE FURNISHINGS

Things in our everyday life. L. Odintsova Sov. torg. 34 no. 7;51-53 Jl '61.

HOUSEHOLD APPLIANCES

Appliance for the ironing board. A. Baranov, N. Agapitova Shkola i proizv. 5 no 7;79 Jl '61.

HOUSEMOTHERS

Housemother. IU. Getallo. Sov. shakht. 10 no. 3-25 Mr '61.

HOUSING

(see also subdivision under Kazan, Kuybyshev; Moscow; Serpukhov, Sverdlovsk, Tula)

After the housewarming Boris Egorov Ogonek 39 no. 29, 30-31 Jl '61

Housing Institute. A P. Ol'khova. Izv. ASIA no. 1;120-123 '61

We answer your questions. Zhil.-kom khoz. 11 no. 6-32-33 Je '61

HOUSING -- LAW AND LEGISLATION

[Calculating rent for excess dwelling space and cases in which such excess space may be taken away] Kak oplachivaiutsia i v kakikh sluchaiakh izymaiutsia lishniki zhiloi ploshchadi. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 27 p. (Iuridicheskie konsul'tatsii dlia naseleniia v voprosakh i otvetakh, no. 9)

Procedure in the assignment of apartments in the houses which belong to governmental agencies. Sov. deput. trud. no. 8, 96-97 Ag '61.

HOUSING FOR PHYSICALLY HANDICAPPED

(see also subdivision under Orel Province; Riga; Ul'yanovskiy District)

Every home for the physically handicapped should have a cultural worker. A. Stepanov Sots. obesp. 22 no 6 40-41 Je '61

How to organize self-service. Sots obesp 22 no 6 41-43 Je '61

Superfluous staff members. I. IAkushev. Sots. obesp. 22 no. 6;42-43 Je '61

HOUSING MANAGEMENT

(see also subdivision under Krasnodar; Moscow; Pyatigorsk; Staraya Russia)

It was an ordinary apartment A. Efremova Zhil.-kom. khoz. 11 no. 6;4, 33 Je '61.

Readers report, advise, suggest. Zhil.-kom. khoz. 11 no. 5;33 My '61.

Vert, L. V., S. N. Rozantsev, and G. N. Chibrikov. [Management of apartment houses] Ekspluatatsiia zhilykh domov. Moskva, Izd-vo kommun. khoz. RSFSR, 1960. 229 p.

We answer your questions. Zhil.-kom. khoz. 11 no. 7;32 Jl '61.

HUCULS

Across the Ukrainian Carpathians G. I. Goder. Prep. ist. v shkole 16 no 4 85-87 Jl-Ag '61

Lomats'kyi, M. [In the land of the Huculs; sketches] Z hutsul'shchyny; narysy. London, Vinsym, 1956. 354 p.
(OCl)

HULLS (NAVAL ARCHITECTURE)

Calculation of knee-reinforced beams. L. I. Riabov. Trudy LKI no. 29 101-116 '59.

Calculation of shear deformations in the design of certain hull structures. V V. Kozlinkov. Trudy LKI no. 29 49-58 '59.

HUMAYUN, EMPEROR OF HINDUSTAN, 1508-1556

Gulbadan, begam. [Humayun-nama; a biography of Humayun, son of Babar]Khumaiinname, zhizneopisanie Khumaiuna Padishakha, syna Zakhiriddina Babura. Tashkent, Akad. nauk Uzbekskoi SSR, 1959. 132 p [In Uzbek and Persian]
(MH)

HUMIC ACID

Phenolic hydroxyls in natural products. M S. Knlazeva, M V. Stadnikova Izv. AN SSSR Otd tekh. nauk. Mei i topl no 3:191-196 My-Je '61

HUMIDITY

Taking into account heat and moisture correlation in conducting studies for making medium-scale maps of landforms V S Preobrazhenskii, N V Fadeeva, L I Mukhina. Izv. AN SSSR. Ser geog no 4.104-110 Jl-Ag '61

HUMUS

Significance of biological nitrogen fixation in the development of humus in soil. F. IU. Gel'tsev. Agrobiologiia no. 4:588-594 Jl-Ag '61.

HUNGARIAN LANGUAGE—DICTIONARIES—RUSSIAN

[Hungarian-Russian pocket dictionary] Karmannyi vengersko-russkii slovar'. Sost. G. I. Ol'dal i B. IA. Geiger. Moskva, Gos. izd-vo inostr i natsional'nykh slovarei, 1960. 404 p.

HUNGARY—ARMY—POLITICAL ACTIVITY

"Igaz Szó" on the pages of "Bloknot agitatora." Blok. agit. [Sov. Armii] no. 19:33-36 Jl '61.

HUNGARY—BIBLIOGRAPHY

[New literature on European people's democracies' Hungary.] Nov. lit. po evrop. stran nar. dem. Veng. no. 6 '61.

HUNGARY—CONDENSERS (STEAM)

Important invention Zoltan Galas Nauka i zhyttia 11 no 5 50-51 My '61

HUNGARY—ECONOMIC CONDITIONS

In the struggle for socialist Hungary ("Selected articles and speeches, from 1957 to 1960" by János Kádar Reviewed by L. Nezhinskii) Kommunist 38 no 12: 120-122 Ag '61.

HUNGARY—FOREIGN RELATIONS—UNITED STATES

Policy of bankrupts ("Hungarian-American relations, 1918-1960." Reviewed by G. Deinichenko). Mezhdunar. zhizn' 8 no. 8:126-127 Ag '61

HUNGARY—JOURNALISM, MILITARY

"Igaz Szó" on the pages of "Bloknot agitatora." Blok. agit. [Sov. Armii] no. 19, 33-36 Jl '61.

HUNGARY—LABOR PRODUCTIVITY

Method of direct measurement of the productivity of labor and its application in Hungary O. Lukacs. Vest stat no 7 41-46 '61

HUNGARY—MOTORCYCLES

"Pannonia." Za rul. 19 no 5:29 My '61

HUNGARY—POLITICS AND GOVERNMENT

In the struggle for socialist Hungary ("Selected articles and speeches, from 1957 to 1960" by János Kádár. Reviewed by L. Nezhinskii). Kommunist 39 no. 12: 120-122 Ag '61.

Kádár, Janos. [Selected articles and speeches, 1957-1960] Izbrannye stat'i i rechi, 1957-1960 gody. Moskva, Gos. izd-vo polit. lit-ry, 1960. 642 p.
(CU)

HUNGARY—RELATIONS (GENERAL) WITH RUSSIA

Exchange of work experience between Soviet and Hungarian pedagogues K Boldyreva. Sov. pedag 25 no 6:159-160 Je '61

HUNGARY—TRADE UNIONS

Strengthen proletarian solidarity. Jamis Brutio. Vsem. prof. dvizh no. 6:47 Je '61

HUNS

"Huns, Central Asia in ancient times" by L. N. Gumilev. Reviewed by K. Vasil'ev. Vest. drev ist. no. 2:120-124 '61.

HUNTING

At the break of dawn. Fedir Makivchuk Ukraina no. 15:30 Ag '61.

Hunting is a form of sport. V. Parkhomenko. Ukraina no 15:30 Ag '61.

HURSKI, IL'IA DANILAVICH, 1899-

Paths to our future ("Glorious road"; stories by Il'ia Hurski. Reviewed by V. Mironava. Belarus' 16 no. 7: 30 Jl '61

HUSEYIN, d. 1644

Huseyin, d. 1644. [Beda'i ul-veka'i (Remarkable events)] Beda'i' ul-veka'i' (Udivitel'nye sobytiia). Izd. teksta, vvedenie i obshchaia red. A. S. Tverdinovoi, annotirovannoe oglavlenie i ukazateli IU. A. Petrosiana. Moskva, Izd-vo vostochnoi lit-ry. (Pamiatniki literatury narodov Vostoka. Teksty. Bol'shaia serila, no. 14)
Pt. 1. 1961. 74, 399 pp.
Pt. 2. 1961. 40-1115 pp.

HUZULS see Huculs

HWANG HO see Yellow River

HYBRIDIZATION, VEGETABLE

Biological characteristics of hybrids obtained without the castration of flowers. V. F. Khitrinskii. L. D. Taran. Agrobiologiia no. 4:493-499 Jl-Ag '61.

Breeding for combining ability N V. Turbin, L V. Kedrova-Zikhman, M K. Shvarts Bul. Inst. biol. AN BSSR no 5. 210-217 '60

Hybridization of micro-organisms and its use in producing cultures of increased activity. K. V. Kosikov. Trudy Inst. mikrobiol. no. 10:25-45 '61.

Obtaining actinomycetes hybrids producing tetracyclines (Actinomyces rimosus and Actinomyces aureofaciens) and their use in the selection of active strains. S. Z. Mindlin and others. Trudy Inst. mikrobiol. no. 10 187-198 '61.

Remote hybridization of plants of the composite family by previous vegetative crossing. I. A. Rutskii, G. S. Kanevskaia. Agrobiologiia no. 4 621-622 Jl-Ag '61.

HYDRANTS

Shaftless hydrant. A. I. Fabrikov. Sbor trud. IUzhNIIGiM no. 6 266-267 '58.

HYDRATION

Liquid phase hydration of acetylene with a copper catalyst S A Vartanian, S K Pirenian, N G. Menasian. Zhur. ob. khim 31 no. 7:2336-2337 Jl '61

HYDRAULIC CONVEYING

Method of designing pressure hydraulic transportation of sand and sand-gravel materials I G. Khasel'berg, L S Zhivotovskii, B. L Karlin. Stroi. mat 7 no. 6: 32-34 Je '61

HYDRAULIC ENGINEERING

Characteristics of work involved in diverting the Pechora and the Vychegda into the Volga G D. Petrov. Gidr. stroi 31 no. 7:21-27 Jl '61

HYDRAULIC ENGINEERING—CONGRESSES

Scientific and technical conference of the hydraulic engineering faculty of the Kalinin Polytechnic Institute in Leningrad N V Zarubaev Gidr stroi 31 no. 7. 59-61 Jl '61.

HYDRAULIC ENGINEERING—PERIODICALS see subdivision under Rumania

HYDRAULIC JACKS

Five-ton hydraulic jack I. Il'inykh. Avt. transp. 39 no. 6 52 Je '61.

HYDRAULIC MACHINERY

Anticorrosion protection of hydromechanical equipment with lacquer paints M I. Finkel'shtein, I A. Zholondz', Elek sta 32 no 4 28-33 Ap '61

Calculation of the field of velocities in a hydraulic torque converter S, M. Trusov, A N. Sheretiuk. Izv. vys. ucheb zav., energ 4 no 7 107-114 Jl '61

HYDRAULIC MACHINERY—FLUID DYNAMICS

Hydrodynamical similarity emanating from the principal equations of Navier-Stokes. S. A. Filippovich. Energomashinostroenie 7 no. 4:47-48 Ap '61.

HYDRAULIC MACHINERY—TESTING

Prigorovskii, N. I., ed. [Strosses and deformations in machine parts and units] Napriazhenita i defor matsii v detaliakh i uzlakh mashin. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 563 p.
[MICROFILM]

HYDRAULIC MINING

Conference on hydraulic mining. A. M. Grigorash, K. V Mel'nik Ugol' Ukr no 6 46 Je '61.

HYDRAULIC PRESSES

The 1,000-ton capacity hydraulic press. Mashinostroitel' no. 7:26 '61

HYDRAULIC STRUCTURES

From the pages of foreign magazines. Gidr. stroi. 31 no 7.56-59 Jl '61.

Hydraulic structures in the plan for diverting the Pechora and the Vychegda into the Volga G. L. Sarukhanov Gidr stroi. 31 no. 7:17-20 Jl '61.

Porous ice as a building material in hydraulic engineering. A. A. Bubyr'. Izv vys. ucheb. zav., stroi i arkhit, 4 no. 3:93-101 '61.

Some basic relations for determining the capacity of nonsubmerged hollow (tunnel) water conduits. N. P. Rozanov. Sbor. trud MISI no. 32:66-81 '61.

Study of the effect of thermal action on the quality of contact joints between a slab or shell and a concrete structure. V. G. Orekhov. Sbor trud. MISI no. 32:40-57 '61.

HYDRAULIC TURBINES

Calculation of the vane strength of a low-pressure adjustable blade hydraulic turbine A. G. Andreev, B. M. Lysenko. Energomashinostroenie 7 no. 6:24-26 Je '61.

Concerning two critical stages in the state of cavitation. S. B. Stopskii. Energomashinostroenie 7 no. 4:21-22 Ap '61

Development of the design of the runner of a vertical blade hydraulic turbine with an axial guiding apparatus T. A Aleksandrova, I N. Smirnov. Energomashinostroenie 7 no. 6 11-15 Je '61

New large hydraulic turbine for the Kuibyshevskii Hydroelectric Power Station. M. O. Poretskin. Energomashinostroenie 7 no. 4 48 Ap '61.

Study of the hydraulic losses of the adjustable blade hydraulic turbines. I. E. Ptitberg. Energomashinostroenie 7 no 4 8-11 Ap '61.

HYDRAULICS

Analytic determination of the characteristics of turbulence in submerged free flow B. IU Danilevskii. Izv. vys. ucheb zav ; stroi i arkhit, 4 no 4:111-121 '61.

Conversion formula for differential manometer readings in work with clay solutions B. I. Esipman, M. A. Ab[illegible], G. G. Gabuzov. Izv. AN Azerb. SSR, Ser fi. mat i tekh. nauk 2:115-119 '61.

Effect of the parameters of the contour of a cross-piece in a flow on the formation of swirl zones. V. N. Martensen. Izv. vys. ucheb. zav.: stroi. i arkhit. 4 no. 2:62-69 '01.

Hydraulic investigations in situ of prefabricated tubular structures. N. O. Filippov. Sbor trud IUzhNIIGiM no. 6:271-272 '58

IAblonskii, V. S. [Brief course of applied hydromechanics] Kratkii kurs tekhnicheskoi gidromekhaniki. Moskva, Gos. izd-vo fiziko-matem. lit-ry 1961. 355 p.

Some problems in the hydraulics of flow in a widening zone V. V. Baltin, V M Solezhev. Izv. vys. ucheb zav ; stroi i arkhit 4 no 3:77-86 '61

HYDRAZO COMPOUNDS

"Thermal" regrouping of hydrazo compounds. I G Fesulik, V. O. Luknshevich Dokl. AN SSSR 139 no 1:112-113 Jl '61.

HYDRIDES—THERMAL PROPERTIES

Thermodynamic functions of pyramidal molecules V. N Khlebnikova, V. P. Morozov. Ukr. khim. zhur 27 no 4:550-551 '61.

HYDROBIOLOGICAL RESEARCH see subdivision under Black Sea

HYDROCARBONS

Artiukhov, I. M. [Oxidative conversion of hydrocarbons] Okislitel'naia konversiia uglevodorodov. Leningrad, Gos. nauchn.-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry Leningr. otd-nie, 1961. 90 p. (Vsesoiuznyi nauchno issledovatel'skii institut neftekhimicheskikh protsessov. Trudy, no. 4)

Energy levels of really alternant systems [with summary in English]. D. A. Bochvar, I. V. Stankevich, A. I. Chistiakov. Zhur. fiz. khim. 35 no. 6:1337-1342 Je '61.

Nature of the electric effect at the solution-air interface during the formation of polymolecular films of condensed aromatic hydrocarbons [with summary in English]. M. A. Gerovich. Zhur. fiz. khim 34 no 2 [illegible] 359 F '60.

Radical exchange between tertiary alcohols and corresponding hydrocarbons in the presence of sulfuric acid G G Petukhov, R. F. Galiulina Zhur. ob. khim 31 no. 7:2159-2161 Jl '61.

HYDROCARBONS—SPECTRA

Mass spectrum analysis of five-membered and six-membered naphthene hydrocarbons in gasolines A A. Fedorova, R. A. Khmel'nitskii. Zhur. prikl. khim 34 no 7 1569-1572 Jl '61.

HYDROCEPHALUS

Meningoencephalitis with hydrocephalus appearing as a brain tumor [with summary in French]. I S Glushkova, O. A. Laponogov. Zhur. nevr. i psikh 61 no 4 517-521 '61

HYDROCHLORIC ACID

Intermolecular interaction between tetrahydrofuran and hydrogen chloride. IU. G. Borod'ko, IA. K. Syrkin. Dokl. AN SSSR 139 no. 1:102-105 Jl '61

Study of the system $TiCl_4$ - HCl - H_2O at 0°. G. P. Toptygina, I. S. Morozov. Zhur neorg. khim 6 no 8, 1885-1892 Jl '61.

HYDRODYNAMICS

Application of a generalized hydrodynamic theory of heat transfer to determine the coefficients of convective heat transfer and thermal resistance in a direct flow around solids. O. M. Golovanov. Sbor. nauch. tr. Kuib indus. inst. no. 8 53-60 '59.

Application of V. P. Pliatovskii's operational method of approximation to the solution of one problem involving the radial flow of an elastic fluid in an elastic stratum N. A. Saltakazin. Sbor. nauch. trud Kuib indus. inst no. 8:309-322 '59.

Cavitation flow past a plate near the free surface of a weightless fluid. A. V. Kuznetsov. Izv. vys ucheb zav mat no. 4:30-49 '61.

Circular flow around objects with arbitrary profiles V. I. Mikuta, B. G. Novikov. PMTF no. 3:97-101 '60.

Determination of the hydraulic resistance and heat transfer in turbulent air flow in noncircular tubes L I Kudriashev, A.S Freidin Sbor.nauch trud Kuib indus inst no 8 293-299 '59

Determining the boundary of the effect of free motion on the heat transfer coefficient in forced flow around solids. L. I. Kudriashev, L A Vvedenskaia Sbor nauch trud. Kuib. indus. inst no 8,131-144 '59

Effect of free convection on convective heat transfer in gaseous dispersive systems L. I. Kudriashev, V IU Berezanskii Sbor nauch. trud Kuib indus. inst no. 8 189-196 '59.

Effect of the lifting power on the coefficients of convective heat transfer and thermal resistance in a discontinuous flow around solids O. M Golovanov Sbor. nauch. trud Kuib indus. inst no 8 103-105 '59

Effect of unsteady thermal conditions and flow rates on convective heat transfer in gaseous dispersive systems L I Kudriashev, V. IU Berezanskii Sbor nauch. trud Kuib. indus inst no. 8 185-188 '59.

Energy spectrum of a turbulent flow of incompressible fluid. E A. Novikov Dokl AN SSSR 139 no 2,331-334 Jl '61

Equations of motion for a liquid containing gas bubbles. S. V. Iordanskii. PMTF no. 3:102-110 S-O '60.

Evaluation of the effect of current and inclination of the path on the performance of a unit consisting of engines, propellers, and hull of the vessel V I Nebesnov Izv. AN SSSR Otd tekh nauk Energ i avtom. no 3:179-184 My-Je '61.

Experimental setup for studying the heat transfer and resistance in turbulent flow of water in a smooth tube O G. Novichkova, G A. Maiatskii Sbor nauch. trud. Kuib indus. inst. no 8 177-181 '59.

Formula for calculating the coefficient of resistance in the case of nonisothermal liquid flow in tubes G A Maitskii, O G. Novichkova. Sob. nauch trud. Kuib indus. inst no. 8,173-175 '59.

Formula of the Chezy coefficient for rivers. A. D. Al'tshul'. Gidr. stroi 31 no. 7:50 Jl '61

Influence of surface roughness on the acceleration effect G. V Filippov. Sbor. nauch trud Kuib indus. inst. no. 8 145-149 '59

Integrals involved in the problem of unsteady flow around a blanket. I. I. Kulnbukhova Izv. vys. ucheb. zav. ; mat no. 3:49-55 '61.

Investigating cavitation flows around solids of revolution in carrousel type hydraulic ducts. A. A. Koval', B. G. Novikov. PMTF no. 3:197-200 S-O '60

Mixed boundary layer at the inlet portion of a circular tube. L. I. Kudriashev, G. V Filippov Sbor nauch. trud. Kuib indus. inst. no. 8 61-66 '59.

Plan for determining capillary pressure under dynamic conditions. M. I. Shvidler. PMTF no. 4:64 N-D '60.

Pressure propagation in a two-phase fluid [with summary in English]. A. G. Bagdoev. Vest Mosk un Ser 1 Mat , mekh. 16 no. 3,77-80 My-Je '61

Scattering of longitudinal and transverse waves in liquid relaxation media. Part 1. A.S. Predvoditelev. Vest. Mosk.un.Ser.3: Fiz., astron. 16 no.3:10-18 My-Je '61.

Some problems of the hydrodynamics of a suspended layer. A. A. Smirnov. Sbor.nauch trud. Kuib indus. inst. no. 8:111-121 '59

Theoretical bases for evolving an equation to determine the coefficient of hydraulic resistance inside circular tubes in the case of markedly nonisothermal flow. L. I. Kudriashev, O. G. Novichkova. Sbor. nauch. trud Kuib. indus. inst no. 8:167-172 '59.

Theoretical bases for the derivation of equations for the Hydrodynamic design of gas mains L. I. Kudriashev, V. A. TSerenin, M. IA Sychev. Sbor. nauch trud Kuib. indus inst no. 8:31-43 '59.

Theoretical bases of the dependence of the coefficient of local resistance on the geometrical configuration and the Reynolds number. P. F. Konnov. Sbor. nauch. trud. Kuib. indus. inst. no. 8:323-326 '59.

HYDRODYNAMICS—ELECTROMECHANICAL ANALOGIES

Investigation of certain mixed boundary value problems with the aid of the membrane analogy. A. IA. Aleksandrov. PMTF no. 4:95-96 N-D '60.

HYDROELECTRIC POWER STATIONS

(see also subdivision under Angara Valley; Monteynard, France, Yellow River; also Bratsk Hydroelectric Power Station; Krasnoyarsk Hydroelectric Power Station; Shiterovka Hydroelectric Power Station; Stalingrad Hydroelectric Power Station)

Chain hydroelectric power station. B. Blinov. Radio no. 5:64, 3 of cover My '61.

Competition among the largest construction projects. Gidr. stroi. 31 no. 7:5 Jl '61.

Hydraulic investigation of a new type of concentrated-fall hydroelectric power station. L. A. Zolotov, V. M. Semenkov. Trudy Nauch.-issl. sekt. Mosk. fil. Inst. "Orgenergostroi" no. 3:71-82 '59.

Hydroelectric power construction workers are meeting their assumed obligations. N. V. Razin. Gidr. stroi. 31 no. 7:1-4 Jl '61.

Improving the static functioning of a hydroelectric-power station on a nonrock foundation. O. L. Agarez, V. A. Kavtorina. Gidr. stroi. 31 no. 7:44-46 Jl '61.

New stage and accompanying tasks in hydroelectric power construction in the U. S. S. R. P S Neporozhnii Gidr stroi. 31 no 7 6-10 Jl '61

Power economy calculations in choosing power equipment for a hydroelectric-power station. I. A. Zhezhelenko Gidr stroi. 31 no. 7 17-46 Jl '61.

HYDROFLUORIC ACID

Production of hydrogen fluoride from silicon tetrafluoride I M Boguslavskii and others. Khim. prom. no 7 450-452 Jl '61

HYDROGEN

Equilibrium and steady-state potential of the hydrogen cathode V M Novakovskii Zhur fiz khim 34 no 2 173-174 F '60.

High-vacuum adsorption pump for pumping out hydrogen. B G Lazarev, M F. Fedorova. Zhur. tekh fiz 31 no 7 861-866 Jl '61

Hydrogen overvoltage on a zinc electrode in alkaline solutions Effect of the concentration of a potassium hydroxide solution [with summary in English] Z. A Iofa, L V Komlev, V. S. Bagotskii Zhur fiz khim. 35 no 7 1571-1577 Jl '61.

Production of charged mesons by 290 Mev, π^--mesons on hydrogen [with summary in English]. IU. A. Batusov and others. Zhur. eksp i teor. fiz. 40 no 2,460-463 F '61.

Space and time variations of hydrogen in auroras and their relation with magnetic disturbances. L. S. Evlashin. Geomag. i aer. 1 no. 1:54-58 Ja-F '61.

HYDROGEN—ANALYSIS

Flash combustion in the microdetermination of carbon and hydrogen in a rapid flow of oxygen [with summary in English] V. A Klimova, T A. Antipova Zhur anal khim 16 no 4 465-468 Jl-Ag '61

Rapid simplified method for the microdetermination of carbon and hydrogen in monomeric and polymeric organofluorine compounds A I Lebedeva, N A. Nikolaeva, V A Orestova Izv AN SSSR. Otd khim nauk no 7 1350-1352 Jl '61

HYDROGEN CRYSTALS

Neutron diffraction study of the crystalline structure of solid hydrogen and deuterium. Zhur. eksp. i teor fiz. 40 no. 4:1022-1026 Ap '61.

HYDROGEN-ION CONCENTRATION

Effect of acidity on the yield of chemical radiation reactions V N. Shubin, P I Dolin. Dokl AN SSSR 139 no 1,154-157 Jl '61

Effect of pH on the growth of the mycelium and germination of spores in Fomitopsis annosa (Fr) Bond et Sing S F. Negrutskii Nauch. doki vys shkoly, biol nauki no. 3 147-150 '61

Effect of the pH and buffer concentration on the stability of sodium hydrosulfite in solutions F. K. Andriushchenko and others Ukr. khim zhur. 27 no 4 536-539 '61.

HYDROGEN PEROXIDE

Catalytic activity of platinum deposited on cadmium oxide [with summary in English]. Zh. V. Strel'nikova, E. A. Trosman, V. P. Lebedev. Zhur. fiz. khim. 35 no. 6: 1327-1330 Je '61.

Catalytic decomposition of H_2O_2 under the effect of $Ni(OH)_2$ [with summary in English]. G. A. Bogdanov, N A Korotchenko Zhur. fiz. khim 35 no. 7:1616-1621 Jl '61.

Catalytic synthesis of hydrogen peroxide from the elements on palladium. Part 3 Active centers of the catalytic decomposition of hydrogen peroxide on palladium [with summary in English]. T. A. Pospelova, N. I. Kobozev. Zhur. fiz. khim. 35 no. 6:1192-1197 Je '61.

Chemiluminescent catalytic reaction in the system luminol - copper - hydrogen peroxide Part 1 Physicochemical analysis. A. K. Babko, N. M. Lukovskaia Ukr khim zhur 27 no 4:519-524 '61

Hydrogen peroxide in the oxidation of formaldehyde [with summary in English]. A M. Markevich, IU. I. Pecherskaia. Zhur fiz. khim. 35 no. 7:1418-1424 Jl '61.

Kinetics of the catalytic decomposition of H_2O_2 by chromium and calcium salts [with summary in English] A. I. Minaev, G. L. Petrova Zhur. fiz. khim. 35 no. 7: 1512-1517 Jl '61.

Kinetics of the oxidation of iodide with hydrogen peroxide in the presence of thorium salts. K. B. IAtsimirskii, IU. A. Zhukov. Radiokhimiia 3 no. 4:466-472 '61.

Separation of perborates from alkaline solutions of hydrogen peroxide. O V Izbekova. Ukr. khim zhur. 27 no 4:539-541 '61

Zirconium peroxide compounds as the products of interaction between hydroxides and hydrogen peroxide. S. Z. Makarov, L. V. Ladeinova. Izv AN SSSR. Otd. khim. nauk no 7 1169-1175 Jl '61.

HYDROGEN SULFIDE—PHYSIOLOGICAL EFFECT

Nutrition of aged patients during treatment at a health resort. V. V. Surikova, K. L. Zatuchnaia, M. P. Surikov. Vop. pit. 20 no. 4.70-71 Jl-Ag '61.

HYDROGEN SULFIDE—THERAPEUTIC USE

Central nervous system function in patients with cardiovascular diseases and its changes following treatment with hydrogen sulfide and radon baths. G. E. Marantidi, K. G. Khvorostova. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 3:238-243 My-Je '61.

HYDROGEN SULPHIDE

Simple experiment in obtaining hydrogen sulfide and learning its properties P G Ugrumov Khim v shkole 16 no 3:62-63 My-Je '60

HYDROGENATION

Catalytic and electrolytic hydrogenation of organic compounds on platinum Part 2 Charging curves of platinized platinum in the presence of allyl alcohol [with summary in English] T. I Pochekaeva Zhur fiz khim 35 no 7 1606-1610 Jl '61

Catalytic hydrogenation of esters N I Shuikin, I. F. Bel'skii, V. M Shostakovskii Dokl AN SSSR 139 no 3: 634-636 Jl '61

Effect of the structure of unsaturated organosilicon compounds on the rate of their hydrogenation L Kh Freidlin, I F Zhukova, V F Mironov. Izv AN SSSR Otd khim. nauk no. 7 1269-1274 Jl '61.

Hydrogenation of α-keto acids over a colloidal palladium catalyst E. I Klabunovskii, A A Balandin, IU I Petrov Dokl AN SSSR 139 no 2 377-380 Jl '61

HYDROGRAPHY see subdivision under Rybinsk Reservoir

HYDROLOGY

(see also subdivision under Atlantic Ocean; Baltic Sea; Caspian Sea; Rybinsk Reservoir; Volga River)

Dialectical conception of the hydrogeological role of clayey sediments as water-resistant devices. IU. V. Mukhin. Bnal. MOIP. Otd. geol. 36 no. 2 134-135 Mi-Ap '61.

The law of geographical zonality of hydrology. A A. Sokolov. Meteor i gidrol no. 8:20-25 Ag '61

Soviet geographers-hydrologists are asked a question IU Saushkin, N. Solntsev, A Solov'ev. Izv Vses. geog ob-va 93 no 4:375-376 Jl-Ag '61.

Unsteady elevation of the water level by wind in a closed basin. G I. Gershengorin. Trudy Dal'nevost NIGMI no. 13:3-40 '60

HYDROLOGY—BIBLIOGRAPHY see Bibliography—Hydrology

HYDROLOGY—RESEARCH see subdivision under Azov, Sea of

HYDROLYSIS

Basin, D. M., and A. I. Kozlov. [Problems of efficiency in the hydrolysis industry] Voprosy ekonomicheskoi effektivnosti gidrolizno promyshlennosti. Moskva, Goslesbumizdat, 1960. 124 p.

Effect of different grinding methods on the hydrolysis of the polysaccharides of millet husk V. E. Starichkova Izv. vys ucheb. zav. ; pishch tekh no 2:23-26 '60

Hydrolysis of chlorobenzenesulfonic acid, a by-product of the DDT manufacture S. G Ryklis, A R Perkina Khim. prom. no. 7:461-464 Jl '61

Hydrolysis of hemicellulose components of pine wood with 30-36% hydrochloric acid. N V. Cholov, A. Kh Aman. Zhur. prikl. khim. 34 no 7 1601-1608 Jl '61.

Investigating the effect of dispersing agents on the hydrolysis of sodium oleate. I. N Plaksin, V I Titurnikova, L A Baraki. Dokl AN SSSR 139 no. 3:669-672 Jl '61.

Mikhailov, M. I., and B. N. Iasinskii. [Prospects for the growth of the hydrolysis and wood chemistry industry] Perspektivy razvitiia lesokhimicheskoi i gidrolizno promyshlennosti. Moskva, Goslesbumizdat, 1960. 64 p.

Study of the hydrolysis of uranium tetrafluoride. N. S. Nikolaev, IU. A. Luk'ianychev. Atom. energ 11 no. 1: 67-69 Jl '01.

HYDROMETRY

Shielding of a psychrometer. I. V. Kriuchkov. Izv. vys. ucheb. zav., energ. 4 no 7,115-118 Jl '61.

HYDROPHOBIA see Rabies

HYDROQUINONE

New synthesis of 1, 2, 4-trimethyl-3, 6-hydroquinone I. K. Sarycheva and others. Zhur ob. khim. 31 no 7, 2190-2192 Jl '61.

HYDROXYL GROUP

Phenolic hydroxyls in natural products. M. S. Kniazeva, M. V. Stadnikova. Izv. AN SSSR. Otd. tekh. nauk, Met. i topl. no. 3:191-196 My-Je '61.

HYDROXYL GROUP—SPECTRA

Effect of sodium hydroxide solution on the absorption band of surface hydroxyl groups of certain silicates. I. N. Plaksin, V I. Solnyshkin. Dokl. AN SSSR 139 no. 4,936-937 Ag '61

HYGIENE—STUDY AND TEACHING

Moscow. Pervyi meditsinskii institut. Znachnoe otdelenie farmatsevticheskogo fakul'teta. [Methodological instructions for a course in general hygiene] Metodicheskie ukazaniia po kursu obshchei gigieny. Moskva, 1960. 13 p.
(DNLM)

HYPERONS

Generation of $Y^*(\Lambda, \Sigma^0)$-hyperons and k^0-mesons on light nuclei by π^- mesons having a pulse energy of 2 8 Bev /c [with summary, in English] IA. IA. Shalamov, V A Shcbanov, A F Grashin. Zhur eksp i teor fiz 40 no 5:1302-1312 My '61

HYPERTENSION

Concerning one symptom of intracranial hypertension I. N Panchenko Zhur nevr i psikh 61 no 4 638 '61

Peculiarities of the pseudotumorous syndrome in vascular diseases of the brain [with summary in French] M S Skoblo Zhur nevr i psikh 61 no 5 682-687 '61

Role of blood viscosity in the pathogenesis of transitory disorders in the blood circulation of the brain [with summary in French] M A Arslantsev Zhur nevr i psikh 61 no 5-674-676 '61

HYPERTHYROIDISM

Roentgenokymographic examination of the heart during radioactive iodine treatment for thyrotoxicosis E V Budagova, Vest rent i rad. 36 no. 3 58-59 My-Je '61

HYPNOTISM—THERAPEUTIC USE

Treating nocturnal enuresis with therapeutic hypnosis in the unit, abstract M L Rakhlis Voen -med. zhur. no 3 80 Mr '61.

HYPOCHONDRIA

Clinical aspects of schizophrenia with hypochondriac manifestations [with summary in English] L L Rokhlin Zhur nevr i psikh 61 no 4 565-572 '61

HYPOTHALAMUS

In the Kiev branch of the Ukrainian Physiological Society I S Mahura, M F Shuba, A. F Kosenko. Fiziol. zhur. [Ukr] 7 no 4 573-574 Jl-Ag '61.

Neurosecretion of the hypothalamus under normal and pathological conditions [with summary in French] E I Tarakanov Zhur nevr i psikh 61 no 5 713-721 '61

Recent data on the role of hypothalamic neurosecretions in the regulation of amphibian metamorphosis A A Voitkevich Nauch dokl vys shkoly, biol nauki no 3 66-72 '61

HYRCANIA—BIRDS

Ornithogeographical relationships of Kopet-Dag and Hyrcania. A. K Rustamov Trudy Inst zool. AN Kazakh. SSR 15 132-138 '61.

HYPOTHERMIA

Petrov, I. P., and E. V. Gubler. [Artificial hypothermia] Iskusstvennaia gipotermiia. [Leningrad] Gos. izd-vo med. lit-ry Medgiz, Leningr. otd-nie, 1961. 227 p. (DNLM)

HYSTERESIS

Experimental investigation of inner energy dissipation by the dynamic hysteresis loop method. J. Vodsedalek, N. N. Davidenkov. Zav lab 27 no 8 1034-1039 '61

Viscosity and hysteresis properties of manganese iron ferrites containing cobalt at low temperatures [with summary in English] K M Bol'shova, T A. Elkina. Zhur eksp i teor. fiz 40 no 5:1299-1301 My '61

IAKOVLEV, IVAN IAKOVLEVICH, 1848-1930

I IA. IAkovlev on the theater G. Volkov Teatr 22 no 7 170 Jl '61

IAREMENKO, VASILII SERGEEVICH, 1895-

Mel'nichuk-Luchko, L. T. [Vasilii Sergeevich IAremenko, People's Singer of the U. S. S. R.] Vasilii Sergeevich IAremenko narodnyi artist SSSR. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1960. 36 p. (Dekada ukrains'koi literatury ta mystetstva) (MH)

IAROSHENKO, NIKOLAI ALEKSANDROVICH, 1846-1898

Prytkov, V. A. Nikolai Aleksandrovich IAroshenko. Moskva, Iskusstvo, 1960. 319 p. plates (Zhivopis', skul'ptura, grafika, monografii) (MH)

ICE

Porous ice as a building material in hydraulic engineering A. A. Bubyr'. Izv vys. ucheb zav., stroi. i arkhit. 4 no 3:93-101 '61.

ICE—MANUFACTURE

Prospects for the simultaneous preparation of fresh water and ice on ships A. P. Dobrovol'skii Trudy LKI no 29:161-163 '59.

ICE AGE see also subdivision 'Glacial epoch' under Kama Valley, Pechora Valley; Vychegda Valley

ICE-BREAKING VESSELS

[Atomic icebreaker "Lenin"] Atomnyi ledokol "Lenin." [n. d.] M-vo morskogo flota [1960] 14 p. (Vystavka dostizhenii narodnogo khoziaistva SSSR) [MICROFILM]

ICE-BREAKING VESSELS—MODELS

Resistance to icebreaker motions in broken ice, according to model testing data in 1948-1951. L. M. Nogid Trudy LKI no. 29 83-89 '59.

ICE CREAM INDUSTRY see subdivision under Leningrad

ICE ON RIVERS, LAKES, ETC.
(see also subdivision under Mamakan Hydroelectric Power Station)

Controlling sludge ice in Kazakhstan S A Shanin Vod i san. tekh no 2 36-37 F '61

Due to the action of river ice. K V. Kurdiukov. Priroda 50 no 8,95-96 Ag '61

Proskurnikov, S. M. [Formation of artificial canals and open places in ice, organizing the winter storage of lumber supplies in water] Obrazovanie iskusstvennykh kanalov i makn vo l'du, k voprosu organizatsii khraneniia zimnego zapasa drevesiny na vode. Moskva, Goslesbumizdat, 1959. 51 p.

Thrust of ice on the upper slope of an earth dam. S. A. Katkova Gidr stroi 31 no 7,35-36 Jl '61

ICEBERGS
(see also subdivision under Antarctic regions)

Singing iceberg V. Pavlova IUn nat no 6 36 Je '61.

Using the drift of icebergs in studying the relief of the Antarctic shelf P.S Voronov, IA P. Koblents. Inform biul Sov antark ekap no 27:9-13 '61.

ICEHOUSES

Determining the thickness of heat insulation and the snow bank around ice depositories S L. Kazanskii Mat. k osn uch o merz. zon zem kory no 7:178-191 '61

Effectiveness of a "cold charge" of ice storage houses. V K Shchelokov Mat k osn uch o merz zon zem. kory no. 7 164-177 '61

Kanaev, A. F., and A. M. Chekotillo. [Cold storage installations made of ice and their use] Ledianye sklady i ikh ispol'zovanie. Moskva, Izd-vo Akad. nauk SSSR, 1952. 110 p

ICELAND—ARCHITECTURE

Architecture in Iceland N. Kolli. Sov. arkhit no. 12: 127-143 '60

ICELAND—GEOLOGY

Geological expedition in Iceland. S. P. Rodionov. Geol. zhur 21 no 3 104-112 '61.

ICELAND SPAR see subdivision under Siberian Platform

IDEALISM

Akademiia nauk SSSR. Institut filosofii. [Contemporary subjective idealism; critical essays] Sovremennyi sub"ektivnyi idealizm; kriticheskie ocherki. Moskva, Gos. izd-vo polit. lit-ry, 1957. 465 p. (ICMILC)

IDENTIFICATION OF TREES see Trees—Identification

IGARKA REGION—FROZEN GROUND

Thermal conditions of ground under lakes in the Igarka region S G. TSvetkova Mat k osn uch o merz zon zem kory no. 7.36-65 '61

IGNEOUS ROCKS see Rocks, Igneous

ILIAC ARTERY—SURGERY

Application of a vascular suture on the left external iliac artery, abstract. L. A. Nianin. Voen -med. zhur. no. 3: 76-77 Mr '61.

IL'IN, M.

"Memoirs of Zakhar Zagadkin, a ship's body" by M. Il'in. Reviewed by N. Aleksandrova. Sem'ia i shkola 16 no. 5.47 My '61.

ILLICIT DISTILLING see Distilling, Illicit

ILLUMINATION OF BOOKS AND MANUSCRIPTS see subdivision under Ukraine

ILMENITE

Microstructures of ilmenites and their practical value, A. F Li, O. T. Grebennikova, N. S. IArus. Zap. Vost. -Sib otd Vses. min. ob-va no. 1:74-82 '59

IMERETIA—BOTANY

Endemic plants of Imeretian limestones [in Georgian with summary in English]. A I. Kutateladze Zam po sist. i geog rast. no 22:35-42 '61.

IMINES

Quinones. Part 36: Condensation of acetylacetone imines with p-benzoquinone. A. N. Grinev, V. I Shvedov, I. P. Sugrobova. Zhur ob. khim 31 no. 7. 2298-2303 Jl '61.

IMMUNITY

Gordienko, A. N. [Nervous system and immunity] Nervnaia sistema i immunitet. Krasnodar, 1949. 116 p. illus. (DNLM)

IMPACT

Method of analytic mechanics in the theory of absolutely elastic impact of systems of material bodies. V. I. Kirgetov Prikl mat i mekh 25 no. 3:407-412 My-Je '61.

IMPEDANCE (ELECTRICITY)

Device for measuring complex impedances N Kh Shatskii Izv vys ucheb zav., elektromekh 4 no 7 77-83 '61

Transistor amplifiers for impedance sign converters IU. L. Kuzkin, A. A. Sokolov. Izv. vys. ucheb zav., elektromekh. 4 no. 3 138-145 '61.

IMPERIALISM

Dragilev, M. S., and G. Rudenko. [Monopolistic capitalism, essays on the basic features of imperialism] Monopolisticheskii kapitalizm, ocherki osnovnykh chert imperializma. Moskva, Sotsekgiz, 1961. 470 p. (MH)

IMPLEMENTS, UTENSILS, ETC. see subdivision under Russia, Northwestern

INCANDESCENT LAMPS see Electric lamps, Incandescent

INCENTIVES IN INDUSTRY

He deserves it! Smena 38 no 15:6-7 Ag '61

INCOME—STATISTICS

The national income of the U. S. S. R. Vest. stat. no 7. 92-93 '61.

INCOME TAX

Karabekov, V. I. [For the benefit of the Soviet people, procedure for repealing workers' and employees' income tax] Na blago sovetskogo naroda; o poriadke otmeny nalogov s zarabotnoi platy rabochikh i sluzhashchikh. [Leningrad] Lenizdat, 1960. 27 p.

INDANDIONE

Heminal diindandionylalkanes. I. S. Golia, G. IA Vanag Dokl AN SSSR 139 no 3:597-600 Jl '61

Imination of 2-substituted 1, 3-indandiones. IA. P. Freimanis, G. IA. Vanag. Dokl AN SSSR 139 no. 1:128-130 Jl '61

2-Phenyl-4, 5, 6, 7-tetrahydro-1, 3-indandione. I. IA Gren, G. Vanags Dokl. AN SSSR 130 no. 4:[illegible] Ag '61.

INDANONE

Synthesis of some monketones of the cis-hydroindan series V. F. Kucherov, L. N Ivanova, T. A. Severina. Izv. AN SSSR Otd khim nauk no 7 1346-1350 Jl '61

INDIA—CITIES AND TOWNS

New cities of India. O. Oskolkova. Az. i Afr. seg. no. 6 17-19 Ap '61.

Urbanization's effect on the formation of economic regions in India I. I. Bonifat'eva Vop. geog. no. 53:147-162 '61.

INDIA—COAL PREPARATION

Coal preparation in India. N. S. Makogon, A. K. Ivanenko Ugol' Ukr. no 6 44 Je '61

INDIA—DESCRIPTION AND TRAVEL

At the Himalayan foothills. Il'ia Suchkov. Nov. vremia 19 no. 32 25-28 Ag '61.

INDIA—ECONOMIC ASSISTANCE, RUSSIAN

From the Red Fort to Bhilai. IU. IAsnev. Sov. voin 43 no. 16 44 Ag '61.

INDIA—ECONOMIC CONDITIONS

The economy of India and the struggle of the laboring class Mahendra Sen Vsem. prof. dvizh. no 6:21-24 Je '61.

INDIA—ECONOMIC POLICY

Current trends in the economic structure of modern India. Vl. Kondrat'ev. Mir. ekon. i mezhdunar. otn. no. 7:45-60 Jl '61.

INDIA—ECONOMIC ZONING

Urbanization's effect on the formation of economic regions in India. I. I. Bonifat'eva. Vop. geog. no. 53:147-162 '61.

INDIA—POLITICS AND GOVERNMENT

From the Red Fort to Bhilai. IU. IAsnev. Sov. voin 43 no. 16:43 Ag '61.

INDIA—RELATIONS (GENERAL) WITH RUSSIA

A story in five letters Boris Polevoi. Ogonek 39 no. 29.9-10 Jl '61.

INDIA—TECHNICAL ASSISTANCE, RUSSIAN

Long live, India! Ol. Kurin. Ukraina no.15:8 Ag '61

Soviet oil specialists help India. V. Berdnikov. Az. i Afr. seg. no. 4:54 Ap '61.

The Soviet Union helps India. L. Efranov. Mezhdunar zhizn' 8 no. 9:104-105 S '61.

INDIA—TRADE UNIONS

The economy of India and the struggle of the laboring class, Mahendra Sen. Vsem. prof. dvizh. no. 6:21-24 Je '61.

INDIAN OCEAN—MAGNETIC ANOMALIES

Anomaly of the magnetic field in the Atlantic and Indian Oceans. M. M. Ivanov. Geomag. i aer. 1 no. 2:247-250 Mr-Ap '61.

INDIAN OCEAN—SUBMARINE TOPOGRAPHY

Mount Afanasii Nikitin in the Indian Ocean. P. L. Bezrukov, I. K. Zatonskii, I. V. Sergeev. Dokl. AN SSSR 139 no. 1:199-202 Jl '61

INDIANS OF CENTRAL AMERICA

A literary monument of the ancient Quiches ("Popol-Vuh." Translated from the Quiche and commented by R. V. Kinzhalov. Reviewed in English by D. Sergeev) Vest. ist. mir. kul't no. 3 154-155 My-Je '61

INDICATOR PLANTS

Use of floristic surveying in lead deposits of the central Kara-Tau. N. S. Parfent'eva. Nauch. dokl. vys. shkoly, biol. nauki no. 3 131-137 '61.

INDICATORS AND TEST PAPERS

Complexometric determination of calcium in pharmaceutical analysis with use of a new indicator [with summary in English]. K. V. TSerkasevich. Apt. delo 10 no. 3. 24-28 My-Je '61.

INDIGESTION see Dyspepsia

INDIGIRKA VALLEY—PALEOBOTANY, STRATIGRAPHIC

Principal stages in the development of vegetation in the Lower Indigirka Valley during the Quaternary period. Iu. A. Lavrushin, R. E. Gitterman. Dokl. AN SSSR 140 no. 3, 681-684 Jl '61

INDIUM

Separation of indium from zinc and their accompanying elements by extraction with alkylphosphoric acids. I. S. Levin, T. V. Zabolotskii. Dokl. AN SSSR 139 no. 1:158-160 Jl '61.

INDIUM—ANALYSIS

Arylmethane dyes in inorganic analysis (determination of Sb, Tl, and In). I. A. Blium, I. T. Solov'ian, G. N. Shebalkova. Zav. lab. 27 no. 8:950-956 '61.

INDIUM—ELECTRIC PROPERTIES

Superconductivity of tin and indium subjected to pressure [with summary in English]. L. S. Kan, B. G. Lazarev, V. I. Makarov. Zhur. eksp. i teor. fiz. 40 no. 2:457-459 F '61.

Zero change potential of indium. V. A. Kuznetsov, L. S. Zagainova. Zhur. fiz. khim. 35 no. 7 1640 Jl '61

INDIUM ANTIMONIDE

Combined resonance in n-type InSb. E. I. Rashba, V. I. Sheka. Fiz. tver. tela 3 no. 6:1863-1870 Je '61

INDIUM-LEAD ALLOYS—CORROSION

Formation of a lead sulfate film on an In-Pb alloy during corrosion in sulfuric acid solution [with summary in English]. N. N. Gnutsianskii, I. D. Vdovenko. Zhur. fiz. khim. 35 no. 6:1208-1211 Je '61.

INDIUM OXIDE

Determination of the saturated vapor pressure of indium oxide. S. A. Shchukarev and others. Zhur. ob. khim. 31 no. 7:2090-2092 Jl '61.

INDIUM SULFATE

Interaction in solutions of indium sulfate and lithium and cesium sulfates. E. N. Deichman. Zhur. neorg. khim. 6 no. 7:1677-1680 Jl '61

Study of indium sulfates. E. N. Dichman. Zhur. neorg. khim. 6 no. 7:1617-1670 Jl '61.

INDO-EUROPEAN LANGUAGES see Aryan languages

INDOLE

Bases of the bark Hippophae rhamnoides. Part I: Isolation of 5-hydroxytryptamine (serotonin). M. F. Petrova, G. P. Men'shikov. Zhur. ob. khim. 31 no. 7:2413-2415 Jl '61

Derivatives of indole. Part II: Synthesis of 5-pyridazo-(4, 5-b)indole. N. N. Suvorov, Zh. D. Ovchinnikova, Iu. N. Sheinker. Zhur. ob. khim. 31 no. 7:2333-2339 Jl '61

INDOLINE

Investigation of repellents. Report No. 12: Repellent action of N-acylindolines on the flens Xenopsylla cheopis Roths. E. Kh. Zolotarev and others. Vest. Mosk. un. Ser. 6: Biol., pochv. 16 no. 4:58-61 Jl-Ag '61.

INDOLOL

Reflex activity of serotonin on a frog's heart following its perfusion of the aorta. Fan Tien-ch'i [Fang T'ien-ch'i] Fiziol. zhur. 46 no. 3:333-337 Mr '60.

INDONESIA—ECONOMIC POLICY

Perspectives for the Indonesian economy. G. Kesselbrenner. Nov. vrem. 19no. 34. 18-19 Ag '61

INDONESIA—POLITICS AND GOVERNMENT

"Together we are strong, divided we are weak." Az. i Afr. sog. no. 7:2-3 Jl '61.

INDONESIA—RELATIONS (GENERAL) WITH RUSSIA

Let the friendship grow stronger. Sov. profsoiuzy 17 no. 14:34-35 Jl '61.

INDONESIA—TRADE UNIONS

Attack on trade-union rights. Amanu Wachid. Vsem. prof. dvizh. no. 7, 41-42 Jl '61

Let the friendship grow stronger. Sov. profsoiuzy 17 no. 14 34-35 Jl '61.

INDUCTION HEATING

Resistance welding of longitudinal pipe seams by radio-frequency currents. I. V. Kirdo, IU. N. Skachko, I. K. Olelnik. Avtom. svar. 14 no. 7:7-14 Jl '61

INDUCTION HEATING—SAFETY MEASURES

Profsoiuz rabochikh mashinostroeniia. TSentral'nyi komitet. [Safety engineering regulations for electricians on duty in servicing industrial induction heating systems] Instruktsiia po tekhnike bezopasnosti dlia dezhurnykh elektromonterov, obsluzhivaiushchikh vysokochastotnye ustanovki dlia promyshlennogo nagreva [Moskva] Mashgiz, 1960. 10 p.

INDUSTRIAL ART LIBRARIES see subdivision under Moscow

INDUSTRIAL COSTS see Costs, Industrial

INDUSTRIAL DESIGN see Design, Industrial

INDUSTRIAL EFFICIENCY see Efficiency, Industrial

INDUSTRIAL EQUIPMENT see subdivision under Minsk

INDUSTRIAL EQUIPMENT—TECHNOLOGICAL INNOVATIONS

Carrying out plans for new equipment. Mekh. i aviom. proizv. 15 no. 7, 52-55 Jl '61.

Mechanization of engineering and administrative operations. S. Pigolev. Mashinostroitel' no. 8 46-48 Ag '61

INDUSTRIAL HYGIENE

(see also subdivision under Dnepropetrovsk Province, Leningrad)

Basic principles in comparative evaluation of the load and strain of work during operation of conveyers of various types. Z. M. Zolina. Vest. AMN SSSR 16 no. 7 42-47 '61.

Kuznetsova, L. V. [Industrial hygiene during work with some types of accelerator installations] Gigiena truda pri rabote na nekotorykh vidakh uskoritel'nykh ustanovok. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 70 p. (Biblioteka prakticheskogo vracha) [MICROFILM]

Let's enhance the role of technical inspection. Okhr. truda i sots. strakh. 4 no. 6:1-4 Je '61

Nonstaff workers. N. Seredenko. Okhr. truda i sots. strakh. 4 no. 7:16 Jl '61

Our thoughts, knowledge and work are for you, beloved party! Okhr. truda i sots. strakh. 4 no. 7, 1-3 Jl '61

Physiological and hygienic evaluation of the modern forms of technical progress in the organization of the technological process. N. N. Malinskaia, IU. V. Moikin, S. S. Shefer. Vest. AMN SSSR 16 no. 7 36-41 '61.

Prevention of occupational diseases of the eye. M. K. Briantseva. Vest. AMN SSSR 16 no. 7:47-50 '61

Problems in labor hygiene at the First All-Russian Congress of Hygienists and Sanitary Physicians. IU. L. Egorov. Gig. i san. 26 no. 3:103-106 Mr '61.

Technical aesthetics and the culture of production. V. Nizhegorodtsev. Sov. profsoiuzy. 17 no. 15 28-30 Ag '61.

INDUSTRIAL HYGIENE—AUDIO-VISUAL AIDS

Posters on industrial hygiene. K. Evtiukhov. Okhr. truda i sots. strakh. 4 no. 7:13-14 Jl '61.

INDUSTRIAL HYGIENE—PERIODICALS see subdivision under Khakass Autonomous Province

INDUSTRIAL HYGIENE—RESEARCH

Material for practical workers. A. Pakhomov. Okhr. truda i sots. strakh. 4 no. 6:44-45 Je '61.

INDUSTRIAL LAWS AND LEGISLATION

(see also subdivision under Bulgaria)

Legal acts issued by economic councils. TS. A. IAmpol'skaia. Sov. gos. i pravo no. 11:86-93 N '60.

INDUSTRIAL MANAGEMENT

(see also subdivision under Armenia; Communist Countries; Gorkiy Province; Leningrad; Moscow; Sverdlovsk Province, Voronezh Province)

Brigade forms of labor organization and the increase of production standards in sausage shops. I. Naugard. Mias. ind. SSSR 32 no. 1:38-42 '61.

Current problems relating to the improvement of industrial management. Kommunist 38 no. 12:89-98 Ag '61.

[Development of over-all mechanization and automation in industry; practice of the work of economic councils] Razvitie kompleksnoi mekhanizatsii i avtomatizatsii v promyshlennosti; opyt raboty Sovnarkhozov. Moskva, Gosplanizat, 1961. 227 p. [MICROFILM]

Improving planning in the meat industry. B. Gevorgian and others. Mias. ind. SSSR 32 no. 2, 35-36 '61.

In anticipation of the 22d Congress of the CPSU. Bukh. uchet 18 no. 6 1-4 Je '61

Justification of methods for the determination of the economic efficiency of simultaneous single grants to similar enterprises. O. A. Kruzo. Trudy LKI no. 29-59-71 '59

Leningrad. Publichnaia biblioteka. [For the young worker of the economics of industrial production]. Molodomu robochemu ob ekonomike promyshlennogo proizvodstva. Leningrad, 1960. 13 l. (in portfolio)

Mitrofanov, S. P. [Mechanization and automation under multiple machining conditions] Voprosy mekhanizatsii i avtomatizatsii v uslovilakh gruppovogo proizvodstva; tekst doklada na Vsesoiuznom soveshchanii po gruppovoi obrabotke. Leningrad, Leningr. Dom nauchno-tekhn. propagandy, 1961. 75 p.

New forms of the organization of labor. IU. I. Konoplin. Mashinostroitel' no. 7, 37 '61

New trends in designing industrial plants for serial production. L. B. Chernov. Mashinostroitel' no. 7 37 '61

Once more about the shop register. G. N. Kovalev. Khleb i kond. prom. 5 no. 7 23-24 Jl '61.

[Party control in action; from the experience of committees to effect control of party organizations over administrative operations] Partiinyi kontrol' v deistvii, iz opyta raboty komissii partorganizatsii po osushchestvleniiu prava kontrolia deiatel'nosti administratsii. [Moskva] Mosk. rabochii, 1961. 123 p.

Potentials for increasing the efficiency of machine tools. M. G. Shtanko. Mashinostroitel' no. 7 38-39 '61.

Special features in planning the mechanization of the accounting and planning work. G. Titarenko. Bukh. uchet 18 no. 6 15-20 Je '61

Tavrov, IA. M. (Gvin). [Creating mountains from grains of sand and seas from drops] Iz peschinok - gory, iz kapel' - moria. Moskva, Gos. izd-vo polit. lit-ry, 1961. 60 p.

INDUSTRIAL MICROBIOLOGY

Hybridization of micro-organisms and its use in producing cultures of increased activity. K. V. Kosikov. Trudy Inst. mikrobiol. no. 10 25-45 '61.

Results achieved and prospects for industrial application of the method of continuous improvement selection of commercial micro-organisms. V. I. Kudriavtsev. Trudy Inst. mikrobiol. no. 10 59-67 '61.

Theoretical principles underlying the selection of useful forms of micro-organisms. A. A. Imshenetskii. Trudy Inst. mikrobiol. no. 10, 5-24 '61.

Use of physical and chemical factors in the selection of micro-organisms. S. I. Alikhanian. Trudy Inst. mikrobiol. no. 10 46-58 '61.

INDUSTRIAL MICROBIOLOGY—CONGRESSES

Introductory address. A. A. Imshenetskii. Trudy Inst. mikrobiol. no. 10 3 '61.

INDUSTRIAL MOBILIZATION

History of industrial mobilization in the Soviet Russia, 1918-1920. A. P. Pogrebinskii. Nauch. zap. MFI no. 11: 332-362 '58

INDUSTRIAL ORGANIZATION

Demchenko, M. N. [Specialization and cooperation: potentials for production growth] Spetsializatsiia i kooperirovanie; rezervy rosta proizvodstva. Moskva, Gosplanizdat, 1961. 78 p. (DC)

INDUSTRIAL ORGANIZATION—CONGRESSES

Conference on problems of specialization and cooperation in industry. M. Demchenko, E. Slastenko. Vop. ekon. no. 8, 156-157 Ag '61

INDUSTRIAL PAINTING see Painting, Industrial

INDUSTRIAL RAILROADS see Railroads, Industrial

INDUSTRIAL RELATIONS see subdivision under Leningrad

INDUSTRIAL REPORTS

In the All-Union Central Council of Trade Unions. Sov. profsoiuzy 17 no. 14, 47 Jl '61.

INDUSTRIAL SAFETY

(see also subdivision under Tula Province)

Accident. Sergei Nikitin. Sov. profsoiuzy 17 no. 14 22-23 Jl '61.

Collections of scientific works published by the institutes for labor protection at the All-Union Central Council of Trade Unions. N. A. Ignat'ev. Vod. i san. tekh. no. 2:39 F '61.

Observe safety laws continuously when working. V. P. Gogolev. Stroi. truboprov. 6 no. 5:25-26 My '61.

Safety measures in manufacturing industrial equipment. IU. N. Volkov. Mashinostroitel' no. 7:33-34 '61.

INDUSTRIAL STATISTICS

Compiling an industry-wide balance sheet of production and distribution of products in the national economy of the U. S. S. R. M. Eidel'man. Vest. stat. no. 7:9-31 '61.

Indices of the industry-wide balance of production and the distribution of products for 1959. Vest. stat. no. 7: 94-96 '61

Ways of improving the indices of the state plan. B. Goncharenko. Vest. stat. no. 7:84-89 '61.

INDUSTRIAL TELEVISION

Berzin, M. A. [ZhTU-3 railroad television system] Zheleznodorozhnaia televizionnaia ustanovka ZhTU-3. Moskva, Vses. izdatel'sko-poligr. ob"'edinenie M-va putei soobshchenia, 1960. 105 p.

Television control. B. N. Ivanov, N. P. IUrchenko. Mashinostroitel' no. 7:30-31 '61

INDUSTRIAL TOXICOLOGY

Poison strikes the careless M. Marketov Starsh.-serzh no 4,32-33 Ap '61

INDUSTRIAL WASTES—MICROBIOLOGY

Distribution of micro-organisms in the biofilter cleaning the sewage waters of a hydrolysis factory [with summary in English]. N. I. Tkachenko Mikrobiologiia 29 no. 2:253-258 Mr-Ap '60

INDUSTRIALIZATION

The role of "Pravda" in the struggle of the party for the socialist industrialization of our country, from 1926 to 1929 N V Filenko, Zbir st vykl fak KPRS vuz Ukr RSR 1:44-61 '59

INDUSTRY—ABSTRACTS

[Economics of industry.] Ref.sbor.' Ekon.prom. no.8 Ag '61.

INDUSTRY—BIBLIOGRAPHY see Bibliography—Industry

INEQUALITIES (MATHEMATICS)

Kipnis, I. M. [Collection of applied problems involving inequalities; manual for teachers] Sbornik prikladnykh zadach na neravenstva; posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 192 p.

INFANTILE PARALYSIS see Poliomyelitis

INFANTRY DRILL AND TACTICS

Combat group of an infantry division in retreat. A. Petrov. Voen. vest. 40 no.4 113-116 Ap '61.

Drill knowledge for service and battle. I. Chistiakov. Starsh.-serzh. no.1 11 Ja '61.

INFANTS—CARE AND HYGIENE

Work of the visiting district nurse in caring for children during the first year of life. R. I. Arkad'eva Fel'd i akush 26 no 6-41-47 Je '61

INFANTS—MEDICAL CARE

Immediate problems in health protection for women Sov. zdrav 20 no 6 3-8 '61.

INFLUENZA

(see also subdivision under Rostov-on-Don; Rumania)

Adsorption of erythrocytes by cells of human tissue culture infected with influenza virus [with summary in English] M. G. Gaidamaka, G. I Volchanetskaia, D D Fradina. Vop. virus. 6 no. 5:564-567 S-O '60

Early appearance of thermolabile antibodies [with summary in English]. V. M. Zhdanov, V. M. Stakhanova Vop. virus. 7 no. 3:321-324 My-Je '61.

Effect of inhibitory destructive treatment on the antibody to influenza virus [with summary in English]. M. A. IAkhno. Vop. virus. 7 no. 3 334-336 My-Je '61.

Formation of symplasts in cultures of transplanted tissues containing Sendai virus. A. G. Bukrinskaia, V. M. Zhdanov. Vop. virus. 7 no. 3:364-366 My-Je '61

Labile antibodies and the dynamics of immunity in experimental influenza [with summary in English]. L. IA. Zakstel'skaia. Vop. virus. 7 no. 3:324-327 My-Je '61.

Merzon, F. S. [Virus influenza in children] Virusnyi gripp u detei. Kiev, [Gosmedizdat] USSR, 1960. 248 p.

[illegible] ducks and [illegible] mary

Concerning the determination of the number of metering points and approximating functions for stationary random processes N L Sosenskii Radiotekhnika 16 no 6 6-12 Ag '61

Concerning the speed of the transmission of information through channels with multipath propagation [with summary in English] V A Zverev, E F Orlov Izv vys ucheb zav, radiofiz 4 no 2 282-292 '61.

General loss formula for unequally accessible connections O S. Shilov Elektrosviaz' 15 no 8 69-70 Ag '61

Generalization of the ergodical theorem on nonstationary random processes [with summary in English] L I Gudzenko Izv vys ucheb zav, radiofiz 4 no 2 267-274 '61

Optimalizing signal reception [with summary in English]. A. A. Krasovskii Avtom i telem 22 no 6,730-738 Je '61.

Optimum device for the identification of systematic codes and certain forms of channels. I. I. Grushko. Izv. AN SSSR. Otd. tekh. nauk Energ. i avtom. no. 3, 105-109 My-Je '61

Principles of constructing memory and code selection elements for high-frequency sampled-data automatic control systems. M. S. Neiman. Radiotekhnika 16 no. 7:3-10 Jl '61.

Problem of the propagation of long and superlong radio waves around the earth and the lower ionospheric layers (C, D E) in the light of the information theory. P E. Krasnushkin. Dokl AN SSSR 139 no. 1,67-70 Jl '61.

Recurrent formulas for calculating the dispersion of time occupancy of a fully accessible cluster. V P Shvalb Probl pered. inform no. 9:83-86 '61.

Reservation with fractional brevity. A. M. Polovko, I. E. Novikov Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom no 3:113-117 My-Je '61

"Science and information theory" by Leon Brillouin. Translated from the English. Reviewed by L. B. Bazhenov. Vop filos 15 no. 8 170-175 '61

Solution of problems concerning the queuing theory by a method which involves simulation on electronic digital computers. N P Buslenko Probl pered. inform. no. 9,48-69 '61.

Statistical study of the speech process. A. I. Velichkin. Elektrosviaz' 15 no. 8:3-10 Ag '61.

Statistical theory of amplitude quantization [with summary in English]. A. A Kosiakin. Avtom. i telem. 22 no. 6: 722-729 Je '61

Superposition of stationary ordinary flows with a limited result N P Buslenko Probl. pered. inform. no 9: 79-82 '61.

INFORMATION THEORY—BIBLIOGRAPHY see Bibliography—Information theory

INFRARED RAYS

Role of M-, R-, and F'-color centers in the mechanism of the infrared fluorescence of F-centers in alkali-halide crystals I I Ezhik, S. T. Shavlo Izv. vys. ucheb zav, fiz. no. 1,46-53 '61

INFRARED RAYS—INDUSTRIAL APPLICATIONS

New equipment for infrared drying of coatings [from "Furniture Manufacturer," October, 1960). Der. prom. 10 no. 7 32 Jl '61.

Using infrared radiation in laboratory practice. R. I. TSol. Stek. i ker. 18 no. 6 40-41 Je '61.

INFRARED SPECTRUM see Spectrum, Infrared

INGULETS VALLEY—GEOLOGY

Recent data on the geology of the western Ingulets zone. M P. Hrechyshnykov, Z. M. Hrechyshnykova. Geol. zhur. 21 no. 3:16-31 '61.

INHERITANCE OF ACQUIRED CHARACTERS

Studying the progeny of two-sided ears [in Azerbaijani with summary in Russian]. F. Amirova. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 4:19-23 '61.

INHIBITION

Effect of small doses of ionizing radiation on internal inhibition in dogs. I. A. Piontkovskii, M. G. Airapetiants Radiobiologiia 1 no. 2:233-241 '61.

INK

Chromatographic examination of the substance of ink strokes. Sov. krim. na sluzh. sled. no. 13:125-133 '59.

INLAND NAVIGATION see also subdivision 'Navigation' under Kara Sea; Yenisey River

INLAND WATER TRANSPORTATION see subdivision under Siberia, Eastern; Soviet Far East

INLAND WATER TRANSPORTATION—ACCOUNTING

Teleriatnikov, M. S. [Ship accounting] Sudovaia otchetnost'. Moskva, Izd-vo "Rechnoi transport," 1961. 131 p.

INOCULATION see Vaccination

INPUT-OUTPUT ANALYSIS see Linear programming

INSECTS BAITS AND REPELLENTS

Entomological evaluation of the new repellent benzimine. E. Kh. Zolotarev, IU. I. Kuznetsova. Vest. Mosk. un. Ser. 6 Biol., pochv. 16 no. 4:38-44 Jl-Ag '61.

Investigation of repellents. Report No. 12. Repellent action of N-acylindolines on the flens Xenopsylla cheopis Roths. E. Kh. Zolotarev and others. Vest. Mosk. un. Ser. 6 Biol., pochv. 16 no. 4 58-61 Jl-Ag '61.

Physiological properties of chemoreceptors of the tick Ixodes persulcatus P. Sch. during the action of repellents. IU. A. Elizarov. Vest. Mosk. un. Ser. 6 Biol., pochv. 16 no. 4:45-50 Jl-Ag '61.

INSECT SOUNDS

Method of visualizing sounds produced by mosquitoes. L N Riabinkin, K S Aleksandrov Dokl. AN SSSR 139 no 2:485-487 Jl '61

INSECT TRAPS

Design of light traps for night collection of insects. G. N. Gornostaev. Vest. Mosk. un. Ser. 6 Biol., pochv. 16 no. 4:51-57 Jl-Ag '61.

Time of flight toward light in different insects [with summary in English] V. B. Chernyshev. Zool zhur. 40 no. 7:1009-1016 Jl '61

INSECTICIDES

Effectiveness of combined freon aerosols with a bacterial insecticide action I K Lagert, V N Speranskaia Voen.-med. zhur no 8:66-68 Ag '60

Palkin, D. M. [Recent developments in the protection of agricultural plants against pests] Novoe v zashchite sel'skokhoziaistvennykh rastenii ot vrednykh organizmov. Leningrad, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, Leningr. otd-nie, 1960. 50 p. (DA)

Prospects for a search for a thermal mixture to produce insecticide-rodenticide aerosols. R. A Tsaregin Voen.-med. zhur. no 8:68-71 Ag '60.

INSECTICIDES—TOXICOLOGY

Problem of food poisoning with granosan. Kh. Z. Lubetskii, D G Krasil'shchikov, T. E. Roshetova. Gig. i san. 26 no 3.68-71 Mr '61.

INSECTIVOROUS PLANTS

Interesting plants. V. Parkhomenko. Doshk. vykh. 22 no 7:35 Jl '61

INSECTS—BEHAVIOR

How butterflies scare away their enemies. N. M Voskresenskii Priroda 50 no. 8,102-104 Ag '61

INSECTS—CLASSIFICATION

Effect of different food rations on the variability of the mite Tyrophagus noxius A Zachv V. D Sevast'ianov. Nauch dokl vys shkoly, biol. nauki no 3,21-25 '61

INSECTS—COLLECTION AND PRESERVATION

Assembling entomological collections. V. I. Korzhenevskii. Biol. v shkole no 3:85-86 My-Je '61

INSECTS—DEVELOPMENT

Characteristics of fat and water balance in the individual development of whitethorn and cabbage butterflies as a form of environmental adaptation G M. Stroganova Dokl. AN SSSR 139 no. 2,471-477 Jl '61.

INSECTS—FOOD

Some data on the feeding of the owlet moths Polia oleracea L. and P dissimilis Knoch. O. I. Merzhaevskaia, E. I. Khats'ko Vestsi AN BSSR. Ser. biial. nav. no. 2 106-115 '61.

INSECTS, DESTRUCTIVE AND USEFUL see Insects, Injurious and beneficial

INSECTS, FOSSIL

Reports on fossil insects at the 11th International Entomological Congress, August 1960, Vienna. O. M. Martynova. Biul. MOIP. Otd. geol. 36 no. 2:137 Mr-Ap '61.

INSECTS, INJURIOUS AND BENEFICIAL

Advice to entomologists. N N. Plavil'shchikov. IUn nat no. 6 27 Je '61.

Significance of and control measures for bloodsucking diptera. V. A. Nabokov. Fel'd. i akush. 26 no. 7 42-43 Jl '61.

INSECTS, INJURIOUS AND BENEFICIAL—BIOLOGICAL CONTROL

Data on the biological control of the wax scale Coroplastes Japonicus G. V. N. Vashadze. Trudy Sukh. bot. sada no. 12;359-364 '59.

INSECTS, INJURIOUS AND BENEFICIAL—PHYSIOLOGY

Il'inskaia, N. B. [How DDT acts upon insects] Mekhanizm deistviia DDT na nasekomykh. Moskva, Izd-vo Akad. nauk SSSR, 1961. 110 p.

INSTRUMENT FLYING

Instrument flight. A. T. Gerasimov. Grazhd. av. 18 no. 6 8 Je '61.

INSTRUMENT INDUSTRY see subdivision under Moscow

INSTRUMENT MANUFACTURE

[New welding equipment in the instrument-manufacturing industry] Novaia svarochnaia tekhnika v priborostroitel'noi promyshlennosti. [By] G. A. Nikolaev i dr. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 110 p

INSTRUMENTS—STANDARDS

Standardization in the instrument industry. N M Starovetrov Standartizatsiia 25 no 8 30-32 Ag '61

INSULATING MATERIALS

New technique of producing lime-silica insulation articles. V. N. Dvorkin, L. F. Ankelev. Mont i spets. rab. v stroi 23 no. 7:14-17 Jl '61

INSULATION (HEAT)

Nikiforov, Iu. E., M. I. Solov'ev, and M. E. Zukhovitskii. [Using foamed polystyrene to insulate exterior wall panels] Opyt primeneniia penopolistirola v kachestve uteplitelia naruzhnykh stenovykh panelei. Leningrad, 1961. 14 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Stroitel'naia promyshlennost', no. 9)

Pirog, P. L. [Thermal insulation of cold storage warehouses] Teploizoliatsiia kholodil'nikov. Moskva, Gos. izd-vo torg. lit-ry, 1961. 203 p.

Thermal insulation of machinery of the meat industry A. Lepilkin, S Nezdrin. Mias ind SSSR 32 no 3 54-57 '61

INSULATION (HEAT)—CONGRESSES

Scientific and Technical Conference on Heat Insulation. Stroi. mat 7 no. 6 38 Je '61

INSULATION (SOUND) see Soundproofing

INSULIN

New techniques for producing crystalline insulin. S. Katlovskii, S Shvarts. Mias. ind. SSSR 32 no. 1:53-55 '61

INSULIN—PHYSIOLOGICAL EFFECT

Effect of insulin on the ketones in the blood and urine of cows A S Klimash. Visnyk sil'hosp nauky 1 no 8: 113-116 Ag '61

INSURANCE, MATERNITY

[Social insurance grants by reason of pregnancy and childbed, and on the occasion of the birth of a child] Posobiia po beremennosti i rodam i po sluchaiu rozhdeniia rebenka. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 63 p. (Iuridicheskie konsul'tatsii dlia naselenia v voprosakh i otvetakh, no. 12)

INSURANCE, SOCIAL

(see also subdivision under Africa; Great Britain; Kaliningrad Province, Kurgan Province; Kolomna, Kuybyshev Province, Lipetsk; Maslyanino District; Smolensk District, United States)

Disburse social insurance funds correctly. N. Shutov. Okhr truda i sots. strakh. 4 no. 6:33-34 Je '61

Procedure for being put on a length of service list as a collective farm member. N. Lobanova, E. Semetnina, E. Chernysheva. Sots. obesp. 22 no. 8:54-56 Ag '61.

This must be considered. Sots. obesp 22 no. 7:56 Jl '61.

Welcoming the Fifth International Congress of Trade Unions Okhr. truda i sots. strakh. 4 no. 7:46-47 Jl '61

World Federation of Trade Unions submits socialist insurance draft charter. Vsem prof. dvizh. no. 6:48-51 Je '61.

INSURANCE, SOCIAL—ACCOUNTING see subdivision under Perm

INSURANCE, SOCIAL—AUDITING AND INSPECTION

(see also subdivision under Moscow Province; Stalingrad Province)

Control and check up on the fulfillment of decisions. K. M. Dolgov. Sots obesp. 22 no. 6:4-9 Je '61.

INSURANCE, SOCIAL—EMPLOYEES

(see also subdivision under Kirov Province; Maritime Province; Moscow; Penza Province)

Courses but not a school. G. GulIavin. Sots. obesp 22 no. 7:8-10 Jl '61.

Let's give correct evaluation to work. Sots. obesp. 22 no. 8:1-3 Ag '61.

Main task is to improve the service to workers. K. Prosenko. Sots. obesp. 22 no. 8:6-8 Ag '61.

Not only follow the laws but elucidate them too. Sots. obesp. 22 no. 6:1-3 Je '61.

INSURANCE, SOCIAL—PERIODICALS

Meeting with the readers of our periodical. Sots. obesp. 22 no. 8:61-62 Ag '61.

Public council of our periodical is confirmed. Sots. obesp. 22 no. 8:3 Ag '61.

INSURANCE, SOCIAL—RESEARCH

Let's put social insurance on a solid scientific basis. A Levshin. Sots. obesp. 22 no. 7:6-8 Jl '61

INTA—BOARDING SCHOOLS

In a new town of the Arctic Region. P. Il'iashenko. Shkola-int. no. 3 92-95 My-Je '61.

INTEGRAL CALCULUS see Calculus, Integral

INTEGRAL EQUATIONS

Bat', G. A., and D. F. Zaretskii. [Solution of the generalized Milne problem] Reshenie obobshchennoi zadachi Milna. Moskva, 1955. 15 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Elliptic equations with singular coefficients L. G. Mikhailov Dokl AN SSSR 139 no 3 552-555 Jl '61

Equations for the spectral functions of charged π-mesons [with summary in English]. Iu. A. Simonov, K. A. Ter-Martirosian Zhur. eksp i teor fiz 40 no 4 1172-1178 Ap '61.

Integral equations for $\pi\pi$-scattering and problems related to the convergence of the amplitude expansion [with summary in English] J Fischer, S Ciulli. Zhur eksp i teor fiz 41 no 1 256-262 Jl '61.

Integral equations with almost difference kernels [with summary in English] I. S. Rakovshchik Vest LGU no 13 52-72 '61.

One boundary value problem of linear conjugation. L. G. Mikhailov Dokl AN SSSR 139 no 2 294-297 Jl '61

One integral equation G. IA. Popov. Izv vys. ucheb zav., mat. no 4 90-103 '61

One nonlinear singular integral equation P. P Rybin, Iu. N. Kuznetsov. Izv vys. ucheb. zav.; mat. no 3 99-102 '61.

One particular case of a generalized multiplication theorem and its application to the solution of integral equations. V. G. Antipov. Shor. nauch. trud Kuib indus inst. no 8:89-101 '59

One problem generalizing Carleman's boundary value problem G S Litvinchuk Dokl AN SSSR 139 no 2: 291-293 Jl '61.

Singular integral equation with an iterated kernel V G. Antipov Shor nauch. trud. Kuib indus. inst no. 8: 83-88 '59.

Solution of the fundamental boundary value problem for a 4th order polyharmonic equation on a plane by the method of potentials Part 2 O I Panich Izv vys ucheb zav., mat no. 4:66-77 '61

Solvability of certain Fredholm equations in singular Cauchy integrals V. A. Kakichev Izv vys ucheb zav., mat no. 4:25-38 '61

Some problems of the qualitative theory of Volterra-type integral equations. [A V Bykov, I. N. Gurianov. Izv. AN Kir SSR Ser est i tekh. nauk 3 no 1 5-33 '61.

Two-dimensional integral equations with a polar singularity of the form $\frac{1}{\zeta - z}$. L. G. Mikhailov. Uch. zap. Tadzh. un. 10:3-26 '59.

INTEGRALS

Continuous integrals and fundamental solutions of operator equations. Iu. L. Daletskii. Izv. vys. ucheb zav.; mat. no. 3:27-46 '61.

Integrals involved in the problem of unsteady flow around a blanket. I. I. Kulakhkova Izv. vys. ucheb zav., mat no. 3:49-55 '61.

Properties of n-dimensional singular integrals in $L_p(S; p)$ space. T G. Gegelia. Dokl AN SSSR 139 no. 2:279-282 Jl '61.

INTEGRALS, GENERALIZED

Domains of variation of systems of coefficients of functions representable as a sum of Stieltjes integrals Iu. S. Alenitsyn. Dokl. AN SSSR 139 no 2 263-266 Jl '61

INTEGRODIFFERENTIAL EQUATIONS

Boundary value problem for Volterra-type linear integrodifferential equations in the case of decaying boundary conditions. Iu. K. Lando. Izv. vys. ucheb zav.; mat no. 3:56-65 '61.

Solution of Cauchy's problem for one class of linear integrodifferential equations. V. V. Vasiliev Izv. vys. ucheb. zav., mat. no 4 5-24 '61

INTELLIGENCE SERVICE see subdivision under United States

INTERCHANGEABLE MECHANISMS

Dismountable attachments assembled of interchangeable units and parts. V. F. Voronov. Standartizatsiia 25 no 8, 7-12 Ag '61.

INTERCOMMUNICATION SYSTEMS

Transistorized portable intercommunication device. V. Evlakhov, L. Shteiert. Radio no. 4:46-48 Ap '61.

Underwater intercommunication device. N. Rasskazikhina, R. Khrapko. Radio no. 5, 26-27 My '61.

INTERCONNECTED ELECTRIC UTILITY SYSTEMS (see also subdivision under Egypt)

Investigation of the characteristics of electric power systems. N. V. Pautin, A. A. Sidorov. Elek. sta. 32 no. 4:50-58 Ap '61

INTERFEROMETER

New interferometer for measuring the alkali resistance of glaces N. V. Korolev, V. S. Molchanov Zav lab 27 no. 7:913-916 '61.

INTERFEROMETRY

Interferometry and phase electron microscopy. V. I. Milutin. Usp. fiz. nauk 74 no 3:553-566 Jl '61.

INTERIOR DECORATION

Things in our everyday life. I Odintsova. Sov torg 34 no 7,51-53 Jl '61

INTERLUDES, UKRAINIAN

Akademiia nauk URSR, Kiev. Instytut literatury. [Ukrainian interludes of the 17th and 18th century, monuments of old Ukrainian literature] Ukrains'ki intermedii XVII-XVIII st., pam'iatky davn'oi ukrains'koi literatury. Kyvi, Vyd-vo Akad. nauk URSR, 1960. 237 p

INTERMETALLIC COMPOUNDS

Surface tension of certain molten intermetallides V. I. Eremenko, V. I. Nizhenko, IU. V Naidich Izv. AN SSSR Otd tekh. nauk Met i topl. no. 3 150-154 My-Je '61

INTERNAL CONVERSION (NUCLEAR PHYSICS)

Dynamic effect of the nuclear volume in conversion M1-transitions of even-even nuclei in the nonaxial rotator model and in the vibrational nuclear model [with summary in English]. D P Grechukhin. Zhur eksp i teor fiz. 40 no 4,1185-1189 Ap '61

INTERNAL FIXATION IN FRACTURES

Results of the treatment of open fractures of long tubular bones with the aid of metallic osteosynthesis. P P Zhukov Voen.-med. zhur. no 3:23-25 Mr '61

Treatment of fractures of the femur by the method of intraosseous fixation. F S Sikolenko. Voen.-med. zhur no 3 70-72 Mr '61.

INTERNAL REVENUE see subdivision under Vologda Province

THE INTERNATIONAL

Ideology of the Russian Section of the First International Kh. S Gurevich. Vop ist. no 7 207-211 Jl '61

INTERNATIONAL COMPETITION see Competition, International

INTERNATIONAL EDUCATION see subdivision under Alma-Ata

First sprouts of internationalism IU. Talykov. Semlia i shkola 16 no 5:6-7 My '61.

"Friendship" society. V. Rogova. Nar. obr. no. 8 40-44 Ag '61.

INTERNATIONAL LAW

The principle of the equal rights of two political systems in present-day international law. R L Bobrov Sov. gos i pravo no 11;42-50 N '60.

"The Soviet yearbook of international law, 1959." Reviewed by V A Romanov Sov gos. i pravo 31 no 2: 165-167 F '61

INTERNATIONAL LAW—BIBLIOGRAPHY see Bibliography—International law

INTERNATIONAL RELATIONS—BIBLIOGRAPHY see Bibliography—International relations

INTERNATIONALISM

Great brotherhood of workers. Semlia i shkola 16 no. 5, 4-5 My '61.

Seminar dedicated to peoples' friendship. L. M. Tranis. Obshchestv nauki v Uz no. 5:66-67 '61

INTERPOLATION—TABLES

Table No. 26 of proportional parts for interpolation. Biul sta opt nabl isk. sput. Zem. no 9:64 '60.

INTESTINAL AND PARASITIC WORMS see Worms, Intestinal and parasitic

INTESTINES

Alimentary reaction with a varying chemical composition of food rations [with summary in English] K. V Sergeeva. Vop. pit. 19 no. 2:55-60 Mr-Ap '60.

Enzyme-secreting function of the intestine in dogs with exclusion of pancreatic secretion and maintained on different diets [with summary in English] O. I Shvetsova Vop. pit. 19 no 2:48-54 Mr-Ap '60.

Influence of methionine and choline on the amount of phospholipids in the intestinal juice of dogs kept on a diet poor in lipoprotein substances [with summary in English]. U Z. Kadyrov Vop pit 20 no. 4 15-18 Jl-Ag '61.

Mechanized flow production line for processing swine and sheep intestines P. Maliutin, E. Kurbatova. Mias. ind. SSSR 32 no. 3:16-17 '61.

Quantitative estimation of radiation injury in mucosal crypts of the small intestine. I. B. Smirnova. Radiobiologiia 1 no. 2;264-269 '61.

INTESTINES—DISEASES

Method for isolating bacteriophages in colienteritis. R. A. Ter-Pogosian, Z. P. Gorlainova-Ikol. Lab. delo 7 no. 6 35-36 Je '61.

INTESTINES—INNERVATION

Effect of potassium and calcium on interoceptors of the small intestine T. D. Dzidziguri, V. A. Lebedeva Dokl. AN SSSR 139 no. 1:238-241 Jl '61.

INTESTINES—INNERVATION (Continued)

Stimulating effect of some monovalent ions on intestinal receptors, general characteristics of the effects and disposition of the cation series. L. A. Baraz. Dokl. AN SSSR 139 no. 1 244-247 Jl '61.

INTESTINES—MICROBIOLOGY

Problem of biological properties of races of intestinal bacteriophages. I. I. Gertsenbit, K. T. Goncharova. Gig. i san. 26 no. 3 101-102 Mr '61.

INTESTINES—SURGERY

Vitamin C metabolism after extensive resection of the small intestine [with summary in English]. L. L. Peleva. Vop. pit. 20 no. 2 35-39 Mr-Ap '61.

INVARIANTS, DIFFERENTIAL see Differential invariants

INVENTIONS, EMPLOYEES'

Girshin, P. I. [How to calculate economy resulting from the practical application of inventions and efficiency proposals in the textile industry] Metody podshchota ekonomii ot vnedreniia izobretenii i ratsionalizatorskikh predlozhenii v tekstil'noi promyshlennosti. Moskva, Izd-vo nauchno-tekhn. lit-ry, RSFSR, 1961. 125 p.

INVERTEBRATES, FOSSIL see subdivision under Noril'sk region

INVESTMENTS, AMERICAN

Throw the war torch on a junk pile. E. Shuliukin. Sov. profsoiuzy 17 no. 14 41-43 Jl '61.

INVESTMENTS, FOREIGN see subdivision under Africa, Ceylon

IODIDES

Kinetics of the oxidation of iodide with hydrogen peroxide in the presence of thorium salts. K. B. IAtsimirskii, IU. A. Zhukov. Radiokhimiia 3 no. 4 466-472 '61.

IODINE

Iodine content of food products and the pattern of nutrition in one of the mid of endemic goiter [with summary in English]. IU. N. Eremin. Vop. pit. 20 no. 4 37-40 Jl-Ag '61.

IODINE—ISOTOPES

Roentgenokymographic examination of the heart during radioactive iodine treatment for thyrotoxicosis. E. V. Budagova. Vest. rent. i rad. 36 no. 3 58-59 My-Je '61.

IODINE—SPECTRA

Spectral analysis of high purity iodine. Z. G. Fratkin, M. I. Volokhova, N. G. Polivanova. Zav. lab. 27 no. 7 846-848 '61.

IODONIUM COMPOUNDS

Paper chromatography of diaryl organotin compounds and its use in the study of the products of reaction between asymmetric diaryliodonium salts and tin dichloride. O. A. Reutov, O. A. Putsyna, M. F. Turchinskii. Dokl. AN SSSR 139 no. 1 146-149 Jl '61.

ION BEAMS

Capture of several electrons by fast multicharge ions [with summary in English]. V. S. Nikolaev and others. Zhur. eksp. i teor. fiz. 41 no. 1 89-99 Jl '61.

Effect of the density of an ion current on the structure and concentration of isotopic targets produced in an electromagnetic separator. M. I. Guseva, B. V. Aleksandrin. Zhur. tekh. fiz. 31 no. 7 867-875 Jl '61.

Electron loss and capture in gases by helium ions in the energy range of 200 to 1500 kev [with summary in English]. L. I. Pivovar, V. M. Tubaev, M. T. Novikov. Zhur. eksp. i teor. fiz. 41 no. 1 26-31 Jl '61.

Investigation of the Coulomb excitation of nuclear levels by the aid of accelerated multiply charged ions. D. S. Andreev and others. Izv. AN SSSR. Ser. fiz. 25 no. 7 832-847 Jl '61.

Penetration of fast deuterium ions into metals. V. M. Gusev and others. Zhur. tekh. fiz. 31 no. 6 749-750 Je '61.

ION EXCHANGE

Ion exchange method for the determination of the composition and instability constants of Am^{III} and Cm^{III} lactate complexes. I. A. Lebedev, G. N. IAkovlev. Radiokhimiia 3 no. 4 455-457 '61.

Ion-exchange separation of groups of elements. Part 7. Elements of the fifth analytical group (arsenic group). B. K. Preobrazhenskii, L. N. Moskvin. Radiokhimiia 3 no. 3 309-315 '61.

Potentials of some cation-exchange membranes [with summary in English]. IA. M. Kots, V. A. Zarinskii. Zhur. fiz. khim. 35 no. 6 1219-1220 Je '61.

Rectification at the boundary of an ion-exchange membrane. L. L. Odynets. Zhur. fiz. khim. 35 no. 6 1372-1373 Je '61.

Use of ion exchange diaphragms for the purification of waste waters from plants manufacturing fluorine compounds. A. S. Shubin, L. M. Smirnova. Zhur. VKHO 6 no. 4 474-475 '61.

Using the ion-exchange method for studying the complexes in diated solutions of chromium chloride. B. A. Riazanov. Izv. vys. ucheb. zav., tekh. leg. prom. no. 3 77-80 '61.

Wash-out of thorium from sulfocation exchangers. E. I. Kazantsev, V. N. Perevozov. Zhur. prikl. khim. 34 no. 7 1448-1456 Jl '61.

ION EXCHANGE RESINS

Experiments with ion exchange resins. S. V. Bukhovets. Khim. i tekhnol. 15 no. 3 15-46 My-Je '60.

Use of ion exchange resins in the analysis of apatites. Z. V. Vasil'eva. Trudy IGEM no. 64 Metod. khim. anal. min. no. 1 91-94 '61.

Use of membrane electrodes made of ion exchange resins for potentiometric titration [with summary in English]. E. A. Materova, V. S. IUrchenko. Zhur. anal. khim. 16 no. 4 388-391 Jl-Ag '61.

Using the ion-exchange resins for the purification of citric acid solutions. L. O. Rmanina, R. IA. Karklin'. Khleb. i kond. prom. 5 no. 6 40-43 Je '61.

IONIC CRYSTALS

Bipolaron states of current carriers in ionic crystals [with summary in English]. V. L. Vinetskii. Zhur. eksp. i teor. fiz. 40 no. 5 1459-1468 My '61.

Shape of the infrared absorption band and dielectric losses occurring in ionic crystals at superhigh frequencies. V. S. Vinogradov. Fiz. tver. tela 3 no. 6 1723-1730 Je '61.

IONIC CRYSTALS—ELECTRIC PROPERTIES

Investigation of the pulse breakdown of thin layers of ionic crystals. V. A. Kostrygin, L. T. Murashko. Izv. vys. ucheb. zav., fiz. no. 1 169-170 '61.

IONIZATION

Impact ionization of impurities in germanium at low temperatures. E. I. Zavaritskaia. Fiz. tver. tela 3 no. 6 1887-1895 Je '61.

IONIZATION CHAMBERS

Determining the mean path of a beta-particle in the working space of an ionization chamber [with summary in English]. A. N. Slatinskii. Inzh.-fiz. zhur. 4 no. 6 135-137 Je '61.

Radiometric analysis of beta-active gases with the aid of spherical ionization chambers. A. D. Turkin. Atom. energ. 11 no. 1 60-61 Jl '61.

IONIZATION OF GASES

Generalized form of Ohm's law in a completely ionized gas. V. B. Baranov, G. A. Liubimov. Prikl. mat. i mekh. 25 no. 3 468-472 My-Je '61.

Ionization of argon by oxygen and nitrogen ions. R. N. Il'in, E. S. Solov'ev. Zhur. tekh. fiz. 31 no. 6 680-687 Je '61.

Production of negative hydrogen ions in the passage of protons through gaseous targets. IU. M. Khirnyi. Zhur. tekh. fiz. 31 no. 5 597-605 My '61.

Total ionization produced by α-particles in gaseous mixtures. G. E. Kocharov. Izv. AN SSSR. Ser. fiz. 25 no. 7 862-865 Jl '61.

IONIZED AIR see Air, Ionized

IONOSPHERE

Akademiia nauk SSSR. Mezhduvedomstvennyi komitet po provedeniiu Mezhdunarodnogo geofizicheskogo goda. [Drifts and inhomogeneities in the ionosphere, a collection of articles] Dreify i neodnorodnosti v ionosfere; sbornik statei. V razdel programmy MGG (ionosfera). Moskva. [In Russian with summaries in English.] No. 1. 1959. 69 p.

Characteristics of the ionosphere over Ashkhabad in March 1960. M. Berkeliev and others. Izv. AN Turk. SSR. Ser. fiz.-tekh., khim. i geol. nauk no. 3 92-95 '61.

Corpuscular hypothesis of the ionization of the night ionosphere. L. A. Antonova, G. S. Ivanov-Kholodnyi. Geomag. i aer. 1 no. 2 184-173 Mr-Ap '61.

Diurnal ionization variation of the F_2 layer. N. M. Boenkova. Geomag. i aer. 1 no. 2 223-227 Mr-Ap '61.

Effect of a constant electric field on electron temperature in the ionosphere. A. V. Gurevich, E. E. TSedilina. Geomag. i aer. 1 no. 1 34-40 Ja-F '61.

Fluctuations of electron density in the ionosphere. E. A. Novikov. Dokl. AN SSSR 139 no. 3 587-589 Jl '61.

Ionospheric effect of the solar eclipse of February 15, 1961 according to observations made in Moscow. K. N. Vasil'ev, A. S. Veleshin, A. R. Kosenkov. Geomag. i aer. 1 no. 2 277-278 Mr-Ap '61.

Neutron decay as a factor in the ionization of the upper atmosphere. V. N. Kessenikh. Izv. vys. ucheb. zav., fiz. no. 2 176 '61.

IONOSPHERIC RADIO WAVE PROPAGATION

Calculation of the correlation coefficient in the presence of a regularly reflected wave and a spectrum of chaotic waves. I. S. Vsekhsviatskaia. Geomag. i aer. 1 no. 2 213-222 Mr-Ap '61.

Interesting for those not in communications as well ("Meteoric radio communication" by M. N. Arone. Book review). Starsh.-serzh. no. 4 29 Ap '61.

Measuring the angles of return of back-scattering signals in oblique-return ionospheric sounding. G. V. Dzhemilev. Izv. AN Turk. SSR Ser. fiz.-tekh., khim. geol. nauk no. 3 17-23 '61.

Problem of the propagation of long and superlong radio waves around the earth and the lower ionosphere (C, D, E) in the light of the information theory. I. A. Krasnushkin. Dokl. AN SSSR 139 no. 1 67-70 '61.

IONOSPHERIC RESEARCH

Automatic panoramic ionospheric station of the AIS type. G. V. Vasil'ev, K. N. Vasil'ev, L. P. Goncharov. Geomag. i aer. 1 no. 1 120-127 Ja-F '61.

Conference on the investigation of ionospheric waves. IU. V. Kushnerevskii, S. F. Mirotvorov. Geomag. i aer. 1 no. 2 290-291 Mr-Ap '61.

Ionospheric research in the U. S. S. R. N. P. Ben'kova. Geomag. i aer. 1 no. 1 4-20 Ja-F '61.

IONS

Breakup of CO^+ and CO_2^+ ions colliding with neon and helium atoms [with summary in English]. V. K. Potapov. Zhur. fiz. khim. 34 no. 2 444-445 F '60.

Experimental study of electron capture by multiply charged ion [with summary in English]. V. S. Nikolaev and others. Zhur. eksp. i teor. fiz. 40 no. 4 989-1000 Ap '61.

Molecular ions of n-paraffins. M. V. Gur'ev. Zhur. fiz. khim. 34 no. 2 475 F '60.

Relaxation phenomena in the paramagnetic resonance of Mn^{2+} ions in the cubic crystal field of SrS [with summary in English]. A. A. Manenkov, V. A. Milliaev. Zh. eksp. i teor. fiz. 41 no. 1 100-105 Jl '61.

Secondary ion emission from metals under the action of ions having energies between 10 and 100 kev [with summary in English]. B. V. Ponin. Zhur. eksp. i teor. fiz. 41 no. 1 3-10 Jl '61.

IONS—MIGRATION AND VELOCITY

Method for measuring the temperature of a plasma in magnetic mirror systems. Part 1. Electron model. V. A. Ovsiannikov and others. Zhur. tekh. fiz. 31 no. 5 577-581 My '61.

IOWA—AGRICULTURAL GEOGRAPHY

Agricultural geography of Iowa. I. M. Kuzina. Vop. geog. no. 54 83-94 '61.

IRAN—COMMERCE—JAPAN

"Equitable" trade. V. Arkhipov. Az. i Afr. seg. no. 4 54 Ap '61.

IRAN—COMMERCE—WEST GERMANY

West German "friends" of Iran. R. IAkovlev. Az. i Afr. seg. no. 7 58 Jl '61.

IRAN—FOREIGN ECONOMIC RELATIONS—UNITED STATES

How the Americans help Iran. E. Rubin. Mezhdunar. zhizn' 8 no. 9 115-116 S '61.

IRAN—FOREIGN RELATIONS

Neutrality is in the national interests of the Iranian people. A. Leonidov. Mezhdunar. zhizn' 8 no. 8 110-112 Ag '61.

IRAN—LABOR AND LABORING CLASSES

Iranian worker's story. Vnem. prof. dvizh. no. 6 25-27 Je '61.

IRAN—POLITICS AND GOVERNMENT

The Azerbaijani Democratic Party as the leader and organizer of the struggle for national independence in southern Azerbaijan, 1945-1946 [in Azerbaijani with summary in Russian]. A. A. Aminzade. Trudy Sekt. filos. AN Azerb. SSR 2 94-118 '60.

Ill-starred. IU. B. Nov. vrem. 19 no. 3 19 Jl '61.

Present-day news. Mezhdunar. zhizn' 8 no. 9 155-158 S '61.

IRAN—PUBLIC HEALTH

Samedov, S. I. [Public health in Iranian Azerbaijan on the eve of and during the period of the national liberation and democratic movement, 1945-1946] Zdravookhranenie v Iranskom Azerbaidzhane nakanune i v period natsional'no-osvoboditel'nogo i demokraticheskogo dvizhenila, 1945-1946 g. Baku, Azerbaidzhanskoe gos. izd-vo, 1960. 146 p.

IRANI, TAGI, 1902-1940

A talented propagandist of Marxist-Leninist philosophy in Iran. A. M. Agakhi. Trudy Sekt. filos. AN Azerb. SSR 2 73-93 '60.

IRAQ—POLITICS AND GOVERNMENT

More on the Iraq press. P. Donskoi. Az. i Afr. seg. no. 7 56-57 Jl '61.

IRAQ—TRADE UNIONS

Under the fire of repressions. Samed Ahmad. Sov. profsoiuzy 17 no. 13 35-36 Jl '61.

IRBIT—HISTORY

Boiko, V. N. Irbit. [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1959. 110 p. (Goroda Sverdlovskoi oblasti.) (NNC)

IRBIT—MOTORCYCLE INDUSTRY
Irbit plant picks up speed. V. Kostevich. Za rul. 19 no 5 2-3 My '61

IRIS (PLANT)
Investigating yellow irises of the section Oncocyclus Baker B. D. Gavrilenko. Zam po sist i geog rast no 22 20-25 '61

IRITIS
Iritis and iridocyclitis. M. G. Margolis. Fel'd i akush. 26 no 7 19-21 Jl '61

IRKUTSK—FRENCH LANGUAGE—STUDY AND TEACHING
Readers' conference on the French language. V. A. Chilelo. Inostr. jaz. v shkole no 3 118-119 My-Je '61

IRKUTSK—POLITICS AND GOVERNMENT
Your friends will help you. V. Pertsik, I. Belousov, A. Golovin. Sov. deput. trud. no. 8 52-55 Ag '61.

IRKUTSK—RADIOLOGICAL SOCIETIES
Work of the Irkutsk Society of Roentgenologists and Radiologists in 1960. N. N. Mirolubov. Vest. rent i rad. 36 no. 3 75-76 My-Je '61.

IRKUTSK PROVINCE—ECONOMIC POLICY
Silinskii, P. P. [Developing the economy of Irkutsk Province in 1960-1965, facts and figures] Razvitie narodnogo khozyaistva Irkutskoi oblasti v 1959-1965 godakh, tsifry i fakty. Izd. 2., ispr. i dop. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1960. 61 p. [MICROFILM]

IRKUTSK PROVINCE—FROZEN GROUND
Karst and permafrost relief in the Kuda-Manzurka interfluve. I. N. Uglanov. Trudy Irk. un. 24 125-141 '58

IRKUTSK PROVINCE—KARST
Karst and permafrost relief in the Kuda-Manzurka interfluve. I. N. Uglanov. Trudy Irk. un. 24 125-141 '58

IRKUTSK PROVINCE—MACHINE-TRACTOR STATIONS
The machine-tractor stations of Irkutsk Province during the Great Patriotic War. M. F. Arkhipov. Sbor. st. Irk. VPSh no 1:186-196 '59.

IRKUTSK PROVINCE—RAILROADS—CONSTRUCTION
First train on the Vidim-Gidrostroitel' section. S. V. Urazov. Transp. stroi. 11 no 7:4 Jl '61.

IRKUTSK PROVINCE—VOCATIONAL EDUCATION
Let the schools have progressive methods of teaching. I. Ermenko. Prof.-tekh. obr. 18 no. 7:14-15 Jl '61

IRON
The 11/2 law on the radiolytic oxidation of iron ions by hydrogen atoms, and the mechanism of the process. B. V. Ershler, V. G. Firsov. Dokl. AN SSSR 139 no. 3: 662-664 Jl '61.
Extraction of iron(III) with carboxylic acids. S. M. Karpacheva, N. M. Adamskii, V. V. Borisov. Radiokhimiia 3 no 3 291-294 '61
Iron and titanium in bauxites of the Yenisey Ridge. E. M. Bradinskaia. Zap. Vost.-Sib. otd. Vses. min. ob-va no. 1:83-86 '59.
Removal of iron from barium compounds. M. M. Kushnir. Ukr. khim. zhur. 27 no. 4:542-543 '61.

IRON—ANALYSIS
Trilonometric determination of copper in the presence of nickel and iron. G. G. Lystsova. Zav. lab. 27 no. 8. 964-965 '61.

IRON—CORROSION
Mechanism of selective linear corrosion [with summary in English]. I. L. Rozenfel'd, I. K. Marshakov. Zhur. fiz. khim. 35 no. 6:1265-1269 Je '61.

IRON—ELECTRIC PROPERTIES
Anodic behavior of iron in alkaline solution in the presence of anions [with summary in English]. T. I. Popova, B. N. Kabanov. Zhur. fiz. khim. 35 no. 6: 1295-1300 Je '61.

IRON—ELECTROMETALLURGY see subdivision under Armenia

IRON—HYDROGEN CONTENT
Effect of hydrogen on the surface tension of iron and its alloys. B. A. Baum, K. T. Kurochkin, P. V. Umrikhin. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 3:82-89 My-Je '61.

IRON—ISOTOPES
Extraction separation of a carrier-free manganese isotope of mass 54 from iron irradiated by neutrons. V. I. Levin, I. V. Meshcherova, V. K. Samrov. Radiokhimiia 3 no. 4:417-421 '61.

IRON—PLATING
Polarization during the electrodeposition of iron group metals. Part 1: Steady state potential and overvoltage of iron deposition [with summary in English]. V. N. Kuznetsova and others. Zhur. fiz. khim. 35 no 7:1406-1410 Jl '61.

Polarization during the electrodeposition of iron group metals. Part 2. Electrodeposition of iron [with summary in English]. A. T. Vagramian and others. Zhur. fiz. khim. 35 no 7 1411-1415 Jl '61

IRON AGE see subdivision under Siberia, Ural Mountain region

IRON ALLOYS—SPECTRA
Methods of determining carbon in iron alloys by means of spectrum analysis. A. S. Demianchuk. Avtom. svar. 14 no. 7:90-91 Jl '61

IRON AND STEELWORKERS see subdivision under Czechoslovakia, Dnepropetrovsk Province, Moscow

IRON-ANTIMONY ALLOYS
Electromotive force study of the thermodynamic properties of binary metallic systems. Part 7. Iron-antimony liquid alloys [with summary in English]. A. A. Vecher, V. A. Geiderikh, I. A. Gerasimov. Zhur. fiz. khim. 35 no. 7:1578-1585 Jl '61.

IRON-CHROMIUM ALLOYS—MAGNETIC PROPERTIES
Magnetic method of determining chromium in ferrochromium. A. K. Tumanov. Zav. lab. 27 no. 8:998-999 '61.

IRON ELECTRODES see Electrodes, Iron

IRON FOUNDING
Improving the process of casting crankshafts out of highly resistant cast iron. M. S. Gvozdev. Lit. proizv. no. 8:39-40 Ag '61
Production of cast iron crankshafts with spheroidal graphite for 6Ch 12/14 diesels. M. V. Voloshchenko and others. Lit. proizv. no. 8 11-12 Ag '61
Progressive technology of casting exhaust boxes for TI Z diesel locomotive engines. I. I. Shokunov. Lit. proizv. no. 7 16-17 Jl '61
Vibration aging of iron castings. O. Iu. Kolshubinskii and others. Lit. proizv. no. 8 31-34 Ag '61

IRON-GADOLINIUM ALLOYS see Gadolinium-iron alloys

IRON-HAFNIUM ALLOYS
Equilibrium diagrams of iron-hafnium. V. N. Svechnikov, A. K. Shurin. Dokl. AN SSSR 139 no. 4:895-898 Ag '61

IRON INDUSTRY
Samarin, A. M. [Using artificial radioactive isotopes for studying iron and steel production processes] Primenenie iskusstvenno-radioaktivnykh izotopov pri izuchenii protsessov proizvodstva stali i chuguna. Moskva, 1955. 20 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

IRON MINES AND MINING see subdivision under Kazakhstan; Kerch; Krivoy Rog Basin

IRON ORES
Some regularities in the distribution of germanium in iron deposits. G. B. Zhilinskii. Izv. AN Kazakh. SSR. Ser. geol. no. 2:70-77 '61.
Use of nonsulfurated compounds for the flotation of iron ores. F. N. Bolash, O. V. Pugina, I. K. Getmanskii. Masl.-zhir. prom. 27 no 7:32-34 Jl '61

IRON ORES—ANALYSIS
Rapid spectrographic determination of germanium in iron oxide ores. V. G. Khitrov, A. K. Rusanov. Zav. lab. 27 no 7 849-851 '61

IRON ORES—SPECTRA
Spectral analysis of a chromium-iron ore. V. P. Karabanova. Zav. lab. 27 no 7 852-854 '61

IRON OXIDE—SPECTRA
Spectral analysis of iron oxide by the vaporization method. O. F. Degtiareva, N. F. Fediaeva, M. F. Ostrovskaia. Zav. lab. 27 no. 7:842-844 '61.

IRON SULFIDES
(see also subdivision under Donets Basin)
Reactions between tin oxides and ferrous sulfide. D. N. Klushin, O. V. Nadinskaia. Zhur. prikl. khim. 34 no 7 1461-1469 Jl '61.

IRPEN—TREES
The "green friend" does not get good enough care in Irpen. M. F. Skliarenko. Les. khoz. 14 no. 7:88-89 Jl '61.

IRRIGATION
(see also subdivision under Russia, Southern; Soviet Central Asia; Ukraine; Uzbekistan)
Basic principles underlying the planning of basin snow-water irrigation. B. A. Shumakov. Sbor. trud. IUzhNIIGiM no. 6:65-67 '58.
Dispatcher controls the flow. Radio no. 5:10-11 My '61

IRRIGATION CANALS AND FLUMES
(see also subdivision under Russia, Southern, Turkmenistan)
Machines for compacting the earth in irrigation canals. A. IA. Gol'din, V. V. Zhevlakov, IA. D. Zaidman. Mekh. stroi. 18 no. 7 14-16 Jl '61
Structures for flumes. E. A. Agababov. Gidr. i melior. 13 no 7 20-28 Jl '61
Telescopic conduit. A. I. Sokolov. Sbor. trud. IUzhNIIGiM no. 6 268-269 '58.
Universal machine for canal maintenance. V. P. Vitte, L. I. Tarasov, G. M. Nikitin. Sbor. trud. IUzhNIIGiM no. 6 270 '58
Use of bentonite clays in the construction of seepage preventing facings in irrigation canals. M. P. Karvitskii, L. N. Shumrai. Gidr. i melior. 13 no 7 29-31 Jl '61.

IRRIGATION FARMING see subdivision under Kazakhstan, Rostov Province, Uzbekistan

IRRIGATION FARMING—BIBLIOGRAPHY see Bibliography—Irrigation farming

IRTYSH VALLEY—FISHERIES
Measures for enriching the raw material supply of waters in the Ob'-Irtysh Basin. B. K. Moskalenko. Ryb. khoz. 37 no 6:16-22 '61.

ISFAHAN—STRIKES AND LOCKOUTS—TEXTILE WORKERS
Iranian workers' story. Vsem. prof. dvizh. no. 6:25-27 Je '61

ISLAMIC STUDIES see subdivision under Europe, Western

ISOMERISM
Trans-enolization. Part 1: Effect of solvents on the enolization of trans-fixed keto enols. M. I. Kabachnik and others. Zhur. ob. khim. 31 no. 7:2122-2131 Jl '61

ISOMERS
Effect of the nitrogen function of 4-ketodecahydroquinoline on the relative stability of cis- and trans-isomers. E. A. Mistriukov, V. F. Kucherov. Izv. AN SSSR, Otd. khim. nauk no. 7 1343-1344 Jl '61.

ISOMORPHISM
Isomorphism of the peroxides and carbonyls of platinum [with summary in English]. N. A. Shishakov, N. K. Andrushchenko. Zhur. fiz. khim. 35 no 7 1593-1599 Jl '61

ISONICOTINIC ACID
Synthesis of isonicotinoyl hydrazones of 2-acetylfuran and 2-methyl-5-acetylfuran. N. N. Dykhanov, L. N. Pavlov. Zhur. ob. khim. 31 no. 7:2205-2206 Jl '61

ISOPRENE
Determination of the regularity of the structure of isoprene rubbers based on the character of 1, 4 link additions. A. T. IAkubchik and others. Zhur. prikl. khim. 34 no 7 1608-1611 Jl '61
Organic oxides. Part 21: Addition of phenols to divinyl, chloroprene, and isoprene oxides. V. M. Al'bitskaia, A. A. Petrov, E. M. Blinkman. Zhur. ob. khim. 31 no 7 2165-2171 Jl '61
Polymerization of styrene, butadiene, and isoprene initiated by lithium-ethyl in various media. IU. L. Spirin and others. Dokl. AN SSSR 139 no. 4:899-902 Ag '61

ISOPROPYL ALCOHOL
Chemosorption of isopropyl alcohol on mixed γ-Al_2O_3-based catalysts. A. M. Rubinshtein, K. I. Slovetskaia, T. R. Brueva. Dokl. AN SSSR 139 no 3:626-629 Jl '61.

ISOTHERMIC CURVES see Curves, Isothermic

ISOTOPE SEPARATION
Effect of the density of an ion current on the structure and concentration of isotopic targets produced in an electromagnetic separator. M. I. Guseva, B. V. Aleksandrin. Zhur. tekh. fiz. 31 no. 7:867-875 Jl '61
Graphical method for determining the isotope separation factor in the stepwise compression of the mixture undergoing separation [with summary in English]. G. K. Boreskov, S. G. Katal'nikov. Zhur. fiz. khim. 35 no. 6:1240-1245 Je '61.
Separation of potassium isotopes by KCl evaporation. V. S. Rylov. Zhur. tekh. fiz. 31 no 7:843-844 Jl '61

ISOTOPES
Isotopic exchange method for measuring saturated vapor pressures and diffusion coefficients. Part 2: Solution of the equation for diffusion occurring during exchange [with summary in English]. V. I. Lozgachev. Zhur. fiz. khim. 34 no. 2:306-318 F '60.
Miklukhin, G. P. [Isotopes in organic chemistry] Izotopy v organicheskoi khimii. Obrabotka i dopolnenie I. P. Gragerova i A. F. Reknshevoi. Kiev, Izd-vo Akad. nauk USSR, 1961. 730 p.
Some isotopic relations for $^{2}N \rightarrow ^{2+1}N$ reactions [with summary in English]. V. N. Strel'tsov. Zhur. eksp. i teor. fiz. 40 no. 4:1140-1142 Ap '61.

ISOTOPES (Continued)

Spivak, P. E., and others [Measurement of resonance absorption integrals for various substances and of the multiplication coefficient (effective number of secondary neutrons) of resonance neutrons for fissionable isotopes] Izmerenitia rezonansnykh integralov pogloshcheniia dlia razlichnykh veshchestv i koefitsienta razmnozheniia (effektivnogo chisla vtorichnykh neitronov) na rezonansnykh neitronakh dlia delliashchikhsia izotopov. Moskva, 1955. 13 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

ISOXAZOLE

Isoxazole series Part 12 Iodination and bromination of isoxazoles N K Kochetkov, S D Sokolov, N M Vagurtova Zhur ob khim 31 no 7 2326-2333 Jl '61

ISRAEL—ELECTIONS

Uproar in the Zionist camp. W. Nicolson. Nov. vrem. 19 no. 33, 16-18 Ag '61.

ISRAEL—FOREIGN RELATIONS

Uproar in the Zionist camp. W. Nicolson. Nov. vrem. 19 no. 33 16-18 Ag '61.

ISSYK-KUL' (TIEN SHAN)—GEOLOGY, STRATIGRAPHIC

Facies characteristics of the Tertiary continental molasse sediments in the southeastern part of the Issyk-Kul' trough (northern Tien Shan). L N Vertunov Izv AN Kir SSR Ser est i tekh nauk 2 no 9 121-130 '60

ISSYK-KUL' DEPRESSION—BIRDS—HABITS

Materials on seasonal phenomena in the life of birds of the Chu Valley and the Issyk-kul' Depression. A. I Anushevich, I. D IAkovleva, T F. Fedianina Trudy Inst. zool. AN Kazakh. SSR 15:161-169 '61.

ISSYK-KUL' REGION—LAMMERGEIERS

Nesting of the lammergeier in the Tien Shan. B. K. Shtegman. Ornitologiia no. 2:214-217 '59.

ISTISU—MINERAL WATERS

Influence of Isti-Su mineral water on the secretory and evacuatory-motor function of the stomach T. A Mirzoev. Vop kur., fizioter. i lech. fiz kul't 26 no 3 222-226 My-Je '61

ITALY—BAND SAWS—SAFETY APPLIANCES

Safety device for a band saw Okhr truda i sots. strakh. 4 no 7 34 Jl '61

ITALY—CATHOLIC CHURCH

In the shadow of the cross. B Mar'ianov. Voiov ateist no. 1 58-60 Ja '61.

ITALY—CHILDREN AS ARTISTS

Drawings of Italian children. G. Labunskaia. Nar. obr. no. 8 104-105 Ag '61.

ITALY—COMMERCE—PERIODICALS

The Italian periodical "Politica degli Scambi." M. Liubskii Vnesh. torg 41 no 6, 44 '61

ITALY—COMMERCE—RUSSIA

New step in the development of Soviet-Italian commerce. Vnesh. torg 41 no 7 insert 10-12 Jl '61.

ITALY—DESCRIPTION AND TRAVEL

Across Italy. A M. Arkhangel'skii. Izv. Vses. geog. ob-va 93 no. 4:320-328 Jl-Ag '61

ITALY—ELECTRIC RAILROADS

High speed ETP-250 electric train of the Italian railroads Zhel dor transp 43 no 6-78-83 Je '61

ITALY—RELATIONS (GENERAL) WITH RUSSIA

From Venice to Palermo V Gorshkov Kul't i zhizn' 5 no 7 40-41 '61

ITURUP ISLANDS—CUCKOOS

Lesser cuckoo (Cuculus pollocephalus Lath.) in the Kuril'e Islands. V. M. Gudkov. Ornitologiia no. 2 196 '59.

IUDINA, M.

At a concert presented by M. IUdina. Sov. muz. 25 no. 7 89-90 Jl '61.

IURA, HNAT PETROVYCH, 1887-

Boboshko, IU. N. [Hnat Petrovych IUra, People's Actor of the U. S. S. R.] Hnat Petrovych IUra, narodnyi artist SSSR. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1960. 46 p. (Dekada ukrains'koi literatury ta mystetstva) (MH)

IVANIKHA—KINDERGARTENS

In the kindergarten of the "Krasnovolzhets" Collective Farm in the Ivanikha village Kineshma district, Ivanovo Province. Doshk. vosp. 34 no. 6, 75 Je '61

IVANOV, SERGEI LEONIDOVICH, 1860-1960

In memory of Sergei Leonidovich Ivanov. A. A. Pristupa. Bot. zhur 46 no 5:174-475 My '61

Ivanov, S. V. Sergei Vasil'evich Ivanov. Moskva, Gos. izd-vo izobraz. iskus, 1960. [15] p. illus. (Mastera russkogo iskusstva)

IVANOVO—AMATEUR THEATRICALS

Workers sing operas. G. Gorbunov. Mest. prom. i khud. promys. 2 no. 6:38 Je '61.

IVANOVO DISTRICT (BREST PROVINCE)—PRODUCE TRADE

Increasing state deliveries. A Atroshkevich. Sov potreb koop. 5 no. 6:8-9 Ag '61

IVANOVO PROVINCE—BANKS AND BANKING

State Bank's business and people A. Belova Den i kred 19 no 7 53-59 Jl '61

IVANOVO PROVINCE—EVENING AND CONTINUATION SCHOOLS

In the struggle for high rank. V. Dadeev, V. Zagoskina. Prof.-tekh. obr 18 no. 6 27-29 Je '61.

IVANOVO PROVINCE—LABOR AND LABORING CLASSES—MEDICAL CARE

Medical and health care for industrial workers of Ivanovo Province. L N. Pokrovskaia. Zdrav. Ros Feder. 5 no. 7:42-43 Jl '61.

IVANOVO PROVINCE—PUBLIC HEALTH—STATISTICS

Work of the scientific methodological bureau of public health statistics of the Ivanovo Province Health Department. N. V. Khalezov, E. S. Glagovskaia. Zdrav. Ros. Feder. 5 no. 7:13-16 Jl '61.

IVANOVO PROVINCE—TEXTILE WORKERS

In the struggle for high rank. V. Dadeev, V. Zagoskina Prof.-tekh obr. 18 no. 6 27-29 Je '61

IVANOVO-VOZNESENSK REGION—REVOLUTION, 1917-1921—PERSONAL NARRATIVES

[Stormy years; reminiscences of old Communists] Grozovye gody; vospominaniia starykh kommunistov. [Ivanovo] Ivanovskoe knizhnoe izd-vo, 1961. 333 p.

IZBERBASH—OIL FIELDS—EQUIPMENT AND SUPPLIES

In the Izberbash field. A. B. Erbolatov. Neftianik 6 no 7:21-22 Jl '61.

IZHEVSK—MOTORCYCLE RACING

Results of a lack of responsibility. A. Sitkin. Za rul 19 no 4:15 Ap '61.

JACKS, HYDRAULIC see Hydraulic jacks

JANET, PIERRE MARIE FELIX, 1859-1947

Pierre Janet; on the 100th anniversary of his birth. S. P Pirkovskii, M. S Rogovin. Zhur. nevr. i psikh. 61 no. 3:449-456 '61.

JAPAN—CAPITAL

Pavzner, IA. A., ed. [Monopolistic capital of modern Japan. Translated from the Japanese] Monopolisticheskii kapital sovremennoi IAponii. Moskva, Izd-vo inostr. lit-ry, 1961. 322 p.

JAPAN—COMMERCE—IRAN

"Equitable" trade. V. Arkhipov. Az. i Afr. seg. no. 4:54 Ap '61.

JAPAN—COMMERCE—RUSSIA

The Soviet industrial trade fair in Japan. M. V. Nesterov. Nov. vrem. 19 no. 33:16 Ag '61.

With our Japanese neighbors. Nov. vrem. 19 no. 35:3-4 Ag '61.

JAPAN—DESCRIPTION AND TRAVEL

Fourteen days in Japan. IU. Nuzhdin. Mest. prom. i khud. promys. 2 no. 6:36-37 Je '61.

Japanese sketches. Oles' Gonchar. Ogonek 39 no. 23: 18-20 Je '61.

JAPAN—ECONOMIC CONDITIONS

Japan: the capitalist, the worker, and the boom. G. Zhukov, G. Shnitke. Nov. vrem. 19 no. 28:4-6 Jl '61

JAPAN—ESPIONAGE

Japanese Matahari. V. Minaev, M. Kazarina. Az. i Afr. seg. no. 4 34-37 Ap '61

JAPAN—FOREIGN ECONOMIC RELATIONS—RUSSIA

Tohoku, the "left side" of Japan I Latyshev. Az i Afr seg. no 7 23-25 Jl '61

With our Japanese neighbors. Nov. vrem. 19 no 35:3-4 Ag '61

JAPAN—FOREIGN RELATIONS—UNITED STATES

Japan in anger. Tokusaburo Dan. V zashch. mira no. 8: 10-19 Ag '60.

Unprecedented debacle. Pierre Cot. V zashch. mira no. 8:5-6 Ag '60.

JAPAN—INDUSTRIES

Monopolistic corporations in Japan. Mezhdunar. zhizn' 8 no. 8:136-130 Ag '61.

JAPAN—LAW

Seleznev, N. A. [Universal history of the state and law of foreign countries; the state and law of China, from 1864 to 1918; the state and law of Japan, from 1868 to 1918] Vseobshchaia istoriia gosudarstva i prava IAponii 1868-1918 gg. Uchebnoe posobie dlia studentov. Moskva, Mosk. gos. univ., 1960. 77 p.

JAPAN—MINERS

Striving for friendship. Sov profsoiuzy 17 no. 16:41-42 Ag '61

JAPAN—MONOPOLIES

Japan is entangled in the web of "Zaibatsu" again ("The monopolistic capital of present-day Japan" Translated from the Japanese Reviewed by M Abdrakhmanov) Mezhdunar. zhizn' 8 no 9:136-140 S '61.

JAPAN—RELATIONS (GENERAL) WITH RUSSIA

Akademiia nauk SSSR. Institut narodov Azii. [Oroshiyakoku suimutan (Dreams about Russia). Translated from the Japanese] Oroshiyakoku suimutan (Shy o Rossii). Izd. teksta, perevod, vsup. stat'ia i kommentarii V. M. Konstantinova. Pod red. N. I. Konrada. Moskva, Izd-vo vostochnoi lit-ry, 1961. 130, 132 pp. (Pamiatniki literatury narodov Vostoka. Teksty. Maloia seriia, no. II)

Japanese businessmen visit the Soviet Union. Yoshio Noguchi. Nov. vrem. 19 no. 33:30-31 Ag '61.

Striving for friendship. Sov. profsoiuzy 17 no. 16:41-42 Ag '61.

JAPAN—THEATER

Kabuki today Z. Popova, L. Grisheleva Az i Afr. seg no. 7 40-42 Jl '61.

JAPAN—TRADE UNIONS

Force of the proletariat's international solidarity. Matsumoto Yashiaki. Vsem prof dvizh. no. 7:37-39 Jl '61.

Striving for friendship. Sov. profsoiuzy 17 no. 16:41-42 Ag '61.

JAPAN—TRUSTS, INDUSTRIAL

Pavzner, IA. A., ed. [Monopolistic capital of modern Japan. Translated from the Japanese] Monopolisticheskii kapital sovremennoi IAponii. Moskva, Izd-vo inostr. lit-ry, 1961. 322 p.

JAPAN—WORLD WAR, 1939-1945

Capitulation of militaristic Japan Voen. znan. 37 no. 8:40 Ag '61.

JAPANESE LANGUAGE—DICTIONARIES

"Japanese zoological encyclopedia with illustrations in color." Reviewed by G. U Lindberg, A. A Strelkov Zool. zhur 40 no 7:1116-1117 Jl '61.

JAPANESE MANUSCRIPTS see Manuscripts, Japanese

JAWS—WOUNDS AND INJURIES

Vsesoiuznaia konferentsiia vrachei stomatologov. Po voprosam travmatologii cheliustno-litsevoi oblasti, 1958. [Traumatology and restorative surgery of the maxillofacial region; transactions of the All-Union Conference of Stomatologists on Problems of Maxillofacial Traumatology] Travmatologiia i vosstanovitel'naia khirurgiia cheliustno-litsevoi oblasti; trudy. [Leningrad] Medgiz, 1959. 426 p. (DNLM)

JAZZ MUSIC

Right and left side of jazz. B. Semenov. Sinona 38 no. 12:26-27 Je '61.

JEKABPILS (LATVIA)—MARKETING RESEARCH

The head of the trade department is overworked. V. Matveev. Sov. potreb. koop 5 no. 7:30 Jl '61.

JEEPS see Automobiles, Military

JERBOAS, FOSSIL see subdivision under Odessa region

JERUSALEM—SHRINES
In the name of unity and peace (pilgrimage of His Holiness Patriarch Alekseĭ to the holy places of the East) Holy places in Jerusalem today (to be concluded) N. D. Uspenskiĭ. Zhur. Mosk. Patr. no. 6, 6-25 Je '61.
In the name of unity and peace (pilgrimage of His Holiness Patriarch Alekseĭ to the holy places of the East) Holy places in Jerusalem today (conclusion) N. Uspenskiĭ. Zhur. Mosk. Patr. no. 7, 6-28 Jl '61.

JET PLANES
Yak-32 in the air. N. Golovanov. Kryl. rod. 12 no. 4, 0 Ap '61.

JET PLANES—FUEL
Fuels for ram-jet engines. I. P. Popova. Trudy MAI no. 132, 5-14 '61.

JET STREAM
Meridional transformations of the thermobaric field of the atmosphere and evolution of jet streams. M. V. Shareĭnikova. Meteor. i gidrol. no. 6, 26-32 Ag '61.

JETS—FLUID DYNAMICS
Border region of the existence of shockless jets of optimum design. L. E. Sternin. Dokl. AN SSSR. 139 no. 2, 335-336 Jl '61.

JETTIES
Precast techniques in the construction of jetties and breakwaters. A. I. Freĭkman. Transp. stroĭ. 11 no. 7, 25-27 Jl '61.

JEWELRY
Enameling jewelry made of aluminum. N. M. Pavlushkin, A. K. Zhuravlev, S. I. Ettingen. Stek. i ker. 10 no. 7, 35-37 Jl '61.
Instead of gold and diamonds. V. Karachentsova. Ogonek. 39 no. 23, 31 Je '61.

JEWELRY—EXHIBITIONS see subdivision under Moscow

JIBRAN, JIBRAN KHALIL, 1883-1931
Jibran Khalil Jibran, a Lebanese humanistic writer (1883-1931). D. I. Iusupov. Uch. zap. Inst. nar. Azii. 22, 101-108 '60.

JIGS AND FIXTURES
Universal jig for drilling holes. N. D. Zhdanov. Shor. rats. predl. vnedr. v proizv. no. 2, 61-62 '61.

JOHNE'S DISEASE
Dry tuberculin protein derivative for the diagnosis of tuberculosis in poultry and paratuberculosis in cattle. V. I. Rotov. Visnyk sil'hosp. nauky i. no. 8, 01-04 Ag '61.

JOINTS—DISEASES
Natal (akushers'ki) epiphysiolyses of the distal end of the humerus in the newborn and their treatment. V. S. Kostrikov. Fel'd i akush. 26 no. 6, 11-16 Je '61.

JORDAN—POLITICS AND GOVERNMENT
Orlov, E., and N. Sashko. [Governmental system of Jordan] Gosudarstvennyĭ stroĭ Iordanii. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 60 p. (Gosudarstvennyĭ stroĭ stran mira)

JOURNALISM, LABOR
(see also subdivision under Gomel'; Leningrad)
"Lokomotiv" is a daily now. V. Katavan. Part. zhizn' Kazakh. 31 no. 7, 69-70 Jl '61.

JOURNALISM, MILITARY
(see also subdivision under Hungary)
A conference of our readers. Blok. agit. [Sov. Armiĭ] no. 18, 3 of cover Je '61.
Follow-up of articles published in our periodical. Komm. Vooruzh. Sil. 1 no. 13, 06 Jl '61.
A message from the Central Political Administration of the Soviet Army and Navy to the readers of "Kommunist Vooruzhennykh Sil." Komm. Vooruzh. Sil. 1 no. 1, 3-4 O '60.
Problems in the methodology of tactical training in district newspapers. P. Marintsev. Voen. vest. no. 9, 89-91 S '60.
Satire for the negligent. I. Belik. Sov. voin. 43 no. 16, 46 Ag '61.

JOURNALISTS—LEGAL STATUS, LAWS, ETC.
[Statutes of the Union of Journalists of the U. S. S. R.] Ustav Soiuza zhurnalistov SSSR. Moskva, 1960. 16 p. [MICROFILM]

JUNCTION TRANSISTORS
Law of the increase of the back current in germanium p-n junctions. V. I. Gaman. Izv. vys. ucheb. zav., fiz. no. 2, 110-113 '61.

JUPITER (PLANET)
Interesting phenomenon on Jupiter. O. V. Gurko. Biul. VAGO no. 29, 47 '61.

JUPITER (PLANET)—SATELLITES see Satellites—Jupiter

JUSTICE, ADMINISTRATION OF
(see also subdivision under Kamchatka; Perm Province; United States)
Let's effectively protect the labor rights of the Soviet people. Sov. iust. no. 14, 1-2 Jl '61.
The role and correlation of the legal forms of coercion and persuasion during the large-scale building of communism. M. Shargorodskiĭ. Sov. iust. no. 14, 3-6 Jl '61.
The Soviet legal profession and its role in the further strengthening of socialist legality. V. A. Samsonov. Sov. gos. i pravo no. 11, 25-33 N '60.

JUTE
Monopolization of the Russian jute industry. V. IA. Laverychev. Vest. Mosk. un. Ser. 9, Ist. 16 no. 4, 20-34 Jl-Ag '61.

JUVENILE AUTOMOBILE DRIVERS
Serlakov, I. M. [Book for juvenile automobile drivers] Kniga iunogo avtomobilista. Izd. 3, perer. i dop. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1960. 370 p.

JUVENILE DELINQUENCY
(see also subdivision under Leningrad)
Grabovskaia, N. P. [How Soviet criminal law struggles against juvenile delinquency] Ugolovno-pravovaia bor'ba s prestupleniiami nesovershennoletnikh v SSSR. [Leningrad] Izd-vo Leningr. univ., 1961. 77 p.

KABARDINO-BALKAR A. S. S. R.—APPLE—IRRIGATION
Irrigation regime and methods in fruit plantations in the Kabardino-Balkar A. S. S. R. L. V. Sholokhov. Sbor. trud. IUzhNIIGiM no. 6, 164-170 '58.

KABARDINO-BALKAR A. S. S. R.—CORN (MAIZE)—VARIETIES
Characteristics of some morphological and physiological corn types in the Kabardino-Balkar A. S. S. R. I. P. Shcherbina, I. A. Shul'gin. Nauch. dokl. vys. shkoly, biol. nauki no. 3, 169-172 '61.

KAHL, GERMANY—ATOMIC POWER INDUSTRY
Atomic power plant in Kahl (German Federal Republic). Atom. energ. 11 no. 1, 01-83 Jl '61.

KAIUROV, IURII
IUrii Kaiurov. E. Tado. Smena. 38 no. 14, 20 Jl '61.

KAKHOVKA RESERVOIR—BENTHOS
Formation of microbenthic fauna in the upper part of Kakhovka Reservoir. V. V. Gurvich. Nauch. dokl. vys. shkoly, biol. nauki no. 3, 18-20 '61.

KAKHOVKA RESERVOIR—FISHERIES
Kakhovka Reservoir. N. E. Sal'nikov. Izv. VNIORKH. 50, 147-166 '61.

KAKHOVKA RESERVOIR—FISHES
Reproduction of fishes in artificial spawning nests in Kakhovka Reservoir. N. D. Belyi. Ryb. khoz. 37 no. 6, 25-27 '61.

KALACH-ON-DON—HISTORY
Zaitsev, M. I. [Kalach-on-Don; a historical sketch] Kalach-na-Donu; istoricheskiĭ ocherk. [Stalingrad] Stalingradskoe knizhnoe izd-vo, 1960. 126 p.

KALBA RANGE—GEOLOGY, STRATIGRAPHIC
New data on the Carboniferous stratigraphy of the Kalba Range. A. IA. Ipatov. Izv. AN Kazakh. SSR. Ser. geol. no. 2, 35-44 '61.

KALESNIK, STANISLAV VIKET'EVICH, 1901
S. V. Kalesnik's anniversary. I. B. Kostrits. Izv. AN SSSR. Ser. geog. no. 4, 172-173 Jl-Ag '61.

KALININ, MIKHAIL IVANOVICH, 1875-1946
The Soviets in the struggle to strengthen the union of the working class and the peasantry during 1926 and 1927, on M. I. Kalinin's activity as the Chairman of the Central Executive Committee of the U. S. S. R. and the All-Union Central Committee [with summary in English]. V. A. Shustrov. Vest. LGU. 16 no. 14, 19-31 '61.

KALININ, MIKHAIL IVANOVICH, 1875-1946—BIBLIOGRAPHY see Bibliography—Kalinin, Mikhail Ivanovich, 1875-1946

KALININ—CHILDREN'S PLAY
Something new for the youngsters! IU. Smelkov. Teatr. 22 no. 7, 131-133 Jl '61.

KALININ—GRINDING MACHINES—SAFETY APPLIANCES
Protective dust removing hood. E. Belokhvostik. Okhr. truda i sots. strakh. 4 no. 7, 33-34 Jl '61.

KALININ—SEWERAGE
Laying sewer pipes in highly saturated ground by the use of a metal box. S. S. Kondrat'ev. Vod. i san. tekh. no. 3, 36 Mr '61.

KALININ PROVINCE—ECONOMIC GEOGRAPHY
"Nature and economy of Kalinin Province"; Studies of the Natural Science and Geography Faculty of the Kalinin State Pedagogical Institute. Reviewed by V. S. Zhekulin. Izv. Vses. geog. ob-va. 93 no. 4, 355-357 Jl-Ag '61.

KALININ PROVINCE—FOLK DANCING
[Round dances typical of Kalinin Province] Khorovody Kalininskoĭ oblasti. [Kalinin] Kalininskoe knizhnoe izd-vo, 1960. 94 p.

KALININ PROVINCE—TEACHERS, TRAINING OF
Let's raise methodological work to the level of the new tasks. I. Solov'ev. Nar. obr. no. 8, 69-73 Ag '61.

KALININGRAD—PENSIONS
Letter of thanks. S. Belov. Sots. obesp. 22 no. 6, 25 Je '61.

KALININGRAD (MOSCOW PROVINCE)—HOME AND SCHOOL
What should not be. Doshk. vosp. 34 no. 7, 11 Jl '61.

KALININGRAD DISTRICT—STATE FARMS
For himself and for his comrade. G. Moskovskikh. Sov. profsoiuzy. 17 no. 15, 8-9 Ag '61.

KALININGRAD PROVINCE—EMPLOYEES, DISMISSAL OF
Court examines the case... A. Korotkov. Sov. profsoiuzy. 17 no. 14, 25-26 Jl '61.

KALININGRAD PROVINCE—INSURANCE, SOCIAL
Evaluation must be objective. A. Zinin. Sots. obesp. 22 no. 6, 19-21 Je '61.

KALMYK A. S. S. R.—GAS, NATURAL—GEOLOGY
Geological structure and oil and gas potentials of the Kalmyk A. S. S. R. IA. S. Eventov. Trudy VNIGNI no. 32, 47-60 '60.

KALMYK A. S. S. R.—PETROLEUM GEOLOGY
Geological structure and oil and gas potentials of the Kalmyk A. S. S. R. IA. S. Eventov. Trudy VNIGNI no. 32, 47-60 '60.

KALUGA—AERONAUTICAL MUSEUMS
Prize-winning plans for the K. E. TSiolkovskiĭ State Museum in Kaluga. S. Cherepanov. Na stroĭ. Ros. no. 5, 12a-12b My '61.

KALUGA—ARCHITECTURE
Fekhner, M. V. Kaluga. Moskva, Gos. izd-vo lit-ry po stroĭt., arkhit. i stroĭt. materialam, 1961. 149 p. (Arkhitektura gorodov SSSR)

KALUGA—CITY PLANNING
Fekhner, M. V. Kaluga. Moskva, Gos. izd-vo lit-ry po stroĭt., arkhit. i stroĭt. materialam, 1961. 149 p. (Arkhitektura gorodov SSSR)

KALUGA—DEPARTMENT STORES
In the interest of buyers. L. Levitskaia. Sov. torg. 34 no. 7, 36-38 Jl '61.

KALUGA—HISTORIC HOUSES, ETC.
Where TSiolkovskiĭ worked. Igor Shedvygovs'kyĭ. Nauka i zhyttia. 15 no. 6, 17-19 Je '61.

KALUGA—STOMATOLOGY
Measures for improving stomatological care in Kaluga. V. S. Khrushchev. Zdrav. Ros. Feder. 5 no. 7, 27-29 Jl '61.

KALUGA PROVINCE—ECONOMIC CONDITIONS
Kaluga (Province) Oblastnoe statisticheskoe upravlenie. [The economy of Kaluga Province during 1959, statistical collection] Narodnoe khoziaĭstvo Kaluzhskoĭ oblasti v 1959 godu, statisticheskiĭ sbornik. Moskva, Gosstatizdat, 1960, 191 p. (MH)

KALUGA PROVINCE—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS
Glukhov, V. M. [The people's avengers] Narodnye mstiteli. [Kaluga] Kaluzhskoe knizhnoe izd-vo, 1960. 227 p. (MH)

KAMA RESERVOIR—FISHERIES
Kama Reservoir. G. P. Pomerantsev. Izv. VNIORKH. 50, 86-101 '61.

KAMA VALLEY—GEOLOGY, STRATIGRAPHIC
Lower Triassic sediments in the Vyatka-Kama Lowland. V. A. Goroshkova. Trudy VNIGNI no. 29 vol. 1, 66-69 '60.

KAMA VALLEY—GLACIAL EPOCH
Problem of the connection between the Kama, Vychegda, and Pechora Basins in the Quaternary period and the periglacial sediments of the Kama Basin [with summary in English]. R. B. Krapivner. Biul. MOIP. Otd. geol. 36 no. 2, 81-101 Mr-Ap '61.

KAMAI, GIL'M KHAIREVICH, 1901-
Gil'm Khairevich Kamai; on the sixtieth anniversary of his birth. A. D. Nikolaeva, V. S. Nikolaev. Zhur. ob. khim. 31 no. 7, 2085-2089 Jl '61.

KAMCHATKA—AFFORESTATION
Forest plantations in Kamchatka. I. N. Elagin. Les. khoz. 14 no. 7, 30-33 Jl '61.

KAMCHATKA—FISH PROCESSING PLANTS

Use of the industrial environment of the school in studying chemistry. R. V. Valentinovich. Khim. v shkole 15 no. 3 35-40 My-Je '60

KAMCHATKA—JUSTICE, ADMINISTRATION OF

More attention to preventing the violation of civil laws. A. Tret'iakov. Sov. iust. no. 14 8-11 Jl '61

KAMCHATKA—NATURAL RESOURCES

Akademiia nauk SSSR. Komissiia po problemam Severa. [Raw material resources of Kamchatka Province, materials of an outsession of the Committee on Problems of the North, 1957] Syr'evye resursy Kamchatskoi oblasti, materialy vyezdnoi sessii Komissii po problemam Severa v 1957 g. Moskva, 1961. 183 p.

KAMENKA DISTRICT (PENZA PROVINCE)—AGRICULTURAL ADMINISTRATION

Control levers of agricultural administration. M. Timofeev. Sov. deputi. trud. no. 8, 73-77 Ag '61.

KAMYZYAK DISTRICT—FROGS

Seasonal variations in the occurrence of male and female individuals of the lake frog (Rana ridibunda Pall.). V. K. Markuze. Nauch. dokl. vys. shkoly, biol. nauki no. 3 48-50 '61

KANTEMIROVKA—COLLECTIVE FARMS

Farmers of Kantemirovka progress. Viktor Sakk. Smena 38 no. 13, 12-15 Jl '61

KARA-BOGAZ-GOL—POTASSIUM SULFATE

Production of potassium sulfate from Kara-Bogaz-Gol brines. G. S. Sedel'nikov, A. A. Trofimovich, Kh. B. Fradkina. Zhur. prikl. khim. 34 no. 7 1437-1444 Jl '61.

KARA-BOGAZ-GOL (STRAIT)—DESCRIPTION

Sea cataract. A. I. Dzens-Litovskii. Priroda 50 no. 8, 63-67 Ag '61

KARA-BOGAZ-GOL (STRAIT)—GEOLOGY

Morphology of the Kara-Bogaz-Gol Strait. V. P. Cherednichenko, Kh. D. Durdyev. Izv. AN Turk. SSR Ser. fiz.-tekh., khim. i geol. nauk no. 3, 69-73 '61

KARAGANDA—ATHEISM

Avrora Fel'k rebuffs Baptists. A. Arkhipova. Part. zhizn' Kazakh. 31 no. 7, 60-63 Jl '61.

KARAGANDA—COAL MINES AND MINING

Posters summon to new achievements. M. Kabakova. Part. zhizn' Kazakh. 31 no. 7 47-49 Jl '61.

KARAGANDA—FINANCE

From the practice of Karaganda financial organs. M. Popova. Fin. SSSR 22 no. 7, 68-71 Jl '61.

KARAGANDA—MINING MACHINERY

Technical designers at the Parkhomenko Mining-Machinery Plant, IU. A. Makarenko, A. I. Finke. Mashinostroitel' no. 7, 42-43 '61.

KARAGANDA BASIN—COAL MINES AND MINING

Effect of mining operations conducted in areas overlying stopes under the conditions of Karaganda Basin. IU. P. Korennoi. Ugol' 36 no. 6, 18-22 Je '61.

KARAGANDA BASIN—QUARTZITE

Discovery of problematic organic remains in quartzites and jasper quartzites in the Urtyndzhal'skoe series. O. E. Beilnev. Izv. vys. ucheb. zav., geol. i razv. 3 no. 6 121-122 Je '60.

KARA KALPAK A.S.S.R.—HISTORY

New work on the history of the Soviet Kara Kalpak A.S.S.R. ("Studies on the history of the Kara Kalpak A.S.S.R." by IA. M. Dosumov. Reviewed by S. U. Tatybaev, G. R. Rashidov). Obshchestv. nauki v Uz. no. 5 59-60 '61.

KARA-KALPAKS

Zhdanko, T. A. [The ethnogeny of the Kara-Kalpaks] Problema etnogeneza karakalpakov. Moskva, 1960. 16 p.
(CLU)

KARAKUL SHEEP

Yearly changes in the live weight karakul ewes differing in the number of young produced at birth. G. S. Belevitskii. Biul. nauch.-tekh. inform. VIZH no. 1, 43-48 '58.

KARA KUM—PALEOGEOGRAPHY

Paleogeography of the central section of the low-lying part of the Kara Kum during the Neogene period. M. M. Sudo. Izv. AN Turk. SSR. Ser. fiz.-tekh., khim. i geol. nauk no. 3, 64-68 '61

KARA KUM—PLANTS, ORNAMENTAL

Introduction of decorative trees and shrubs from oases into the Kara Kum desert. V. P. Dubrovskii. Izv. AN Turk. SSR. Ser. biol. nauk no. 2, 51-61 '61.

KARA KUM—ROCKS, CRYSTALLINE AND METAMORPHIC

Composition of rocks of the crystalline basement in the central part of the Kara Kum Platform. V. T. Krivosheev and others. Izv. AN Turk. SSR. Ser. fiz.-tekh., khim. i geol. nauk no. 3, 113-115 '61.

KARA KUM CANAL

Conquerors of the Kara Kum. Za rul. 19 no. 5 16b-16c My '61

KARA KUM CANAL—PHYTOPLANKTON

Formation of phytoplankton in bodies of water connected with the Kara Kum Canal. Sh. I. Kogan. Izv. AN Turk. SSR. Ser. biol. nauk no. 2 3-12 '61

KARA KUM CANAL REGION—COTTON GROWING

On the future development of Soviet fine-fibered cotton in the Turkmen S. S. R. in connection with the completion of three sections of the Kara Kum Canal. N. A. Abaev. Izv. AN Turk. SSR. Ser. obshchestv. nauk no. 1 23-30 '61

KARA KUM CANAL REGION—SOIL MICRO-ORGANISMS

Microflora of virgin and reclaimed takyr-like soils irrigated in the remote past in the first-order zone of the Kara Kum Canal. L. N. Paletskaia, N. T. Kiseleva. Izv. AN Turk. SSR. Ser. biol. nauk no. 2 30-37 '61

KARA SEA—NAVIGATION

Russia (1923- U. S. S. R.) Glavnoe upravlenie Severnogo morskogo flota. Instruktsiia dlia kapitanov sudov o plavanii mezhdu IUzhnymi Novozemel'skimi prolivami (IUgorskim Sharom, Karskimi Vorotami) ili mysom Zhelaniia i portom Igarka na reke Enisei. Instructions of captains of vessels navigating between Southern Straits of Novaya Zemlya (Yugorski Strait, Kara Gate Strait) or Cape Mauritis and the Port of Igarka on the Yenisei River. [Moskva, 1960] 22 p. [Parallel texts in Russian and English]
[MICROFILM]

KARA-TAU—LEAD ORES

Use of florometric surveying in lead deposits of the central Kara-Tau. N. S. Parfent'eva. Nauch. dokl. vys. shkoly, biol. nauki no. 3 134-137 '61

KARA-TAU—ORE DEPOSITS

Lead and silver minerals in lead and zinc ores of the Kara-Tau. S. A. IUshko. Izv. vys. ucheb. zav., geol. i razv. 4 no. 1, 25-40 Ja '61.

KARA-TAU—PETROLEUM GEOLOGY

Old oil field on the western slope of the Southern Urals. K. R. Timergazin. Vop. geol. vost. okr. Rus. platf. i IUzh. Urala no. 6, 61-66 '60.

KARA-TAU—TULIPS

A case of the occurrence of many-flowered Greig's tulips under natural conditions. M. N. Korelov. Biul. MOIP. Otd. biol. 66 no. 4 117-118 Jl-Ag '61.

KARBYSHEV, DMITRII MIKHAILOVICH, d. 1945

Life and death of General D. M. Karbyshev. E. Reshin. Nov. vrem. 19 no. 28, 15-17 Jl '61.

KARELIA—ATMOSPHERE

Some geological facts about the composition of the atmosphere in the Proterozoic of Karelia. V. M. Chernov. Trudy Kar. fil. AN SSSR no. 26 76-80 '61

KARELIA—CONSTITUTION

Karelian A.S.S.R. Constitution. [Constitution (fundamental law) of the Karelian Autonomous Soviet Socialist Republic; with amendments adopted at the first, third, fourth, and sixth sessions of the Fifth Supreme Soviet of the Karelian A.S.S.R.] Konstitutsiia (osnovnoi zakon) Karel'skoi Avtonomnoi Sovetskoi Sotsialisticheskoi Respubliki. S izmeneniiami i dopolneniiami priniatymi na I, III, IV, VI sessiiakh Verkhovnogo Soveta Karel'skoi ASSR Piatogo sozyva. Petrozavodsk, Gos. izd-vo Karel'skoi ASSR, 1961. 30 p.

KARELIA—DRAINAGE

Silvicultural evaluation of forest drainage in Karelia. V. M. Medvedeva. Les. khoz. 14 no. 7, 19-21 Jl '61.

KARELIA—FORESTS AND FORESTRY

Silvicultural evaluation of forest drainage in Karelia. V. M. Medvedeva. Les. khoz. 14 no. 7, 19-21 Jl '61.

KARELIA—GEOLOGY, STRATIGRAPHIC

Hessovets series is a new sedimentary formation in the Proterozoic of southern Karelia. A. I. Kairiak. Trudy Kar. fil. AN SSSR no. 26, 106-111 '61.

Facies types of Proterozoic complexes in northern Karelia and their geological relationships. N. F. Demidov. Trudy Kar. fil. AN SSSR no. 26, 61-62 '61.

Stratigraphy of Karelian formations of western Karelia. V. M. Chernov, M. M. Stenar'. Trudy Kar. fil. AN SSSR no. 26 29-45 '61.

KARELIA—HOME AND SCHOOL

My work with parents. V. A. Sorokina. Doshk. vosp. 34 no. 6, 70-71 Je '61.

KARELIA—LUMBERING

In the logging camps of Karelia. A. N. Prokudin. Les. prom. 39 no. 7, 3-6 Jl '61.

KARELIA—MUSCOVITE

Zonal muscovite from northern Karelian pegmatites. G. P. Safronova. Trudy Kar. fil. AN SSSR no. 26, 143-151 '61.

KARELIA—ORGANIC MATTER

Proterozoic organic remains of southern Karelia. M. S. Butin. Trudy Kar. fil. AN SSSR no. 26 152-157 '61.

KARELIA—PEAT BOGS

Age of peat bog sediments of Karelia. N. N. Gerasimova. Trudy Kar. fil. AN SSSR no. 26 158-162 '61.

KARELIA—PIONEERS (COMMUNIST YOUTH)

Boiko, N. A. [Gor'kii and the pioneers of Karelia.] Gor'kii i pionery Karelii. Petrozavodsk, Gos. izd-vo Karel'skoi ASSR, 1961. 76 p.

KARELIA—REVOLUTION, 1917-1921

Doroshin, Kh. G., Mikhail Rozenshtein. Petrozavodsk, Gos. Izd-vo Karel'skoi ASSR, 1961. 62 p.

KARELIA—ROCKS, CARBONATE

Cyclic structure of the terrigenous-carbonate Proterozoic formation of southern Karelia. V. A. Sokolov. Trudy Kar. fil. AN SSSR no. 26 50-64 '61

KARELIA—WOOD WASTE

Processing wood waste at the Shuyak-Vidanak Logging Camp. D. Rusakov. Les. prom. 39 no. 7, 11-13 Jl '61

KARKARA VALLEY—PASSERIFORMES

Biology of some passerine birds of the central Tien Shan. A. A. Vinokurov. Trudy Inst. zool. AN Kazakh. SSR 15, 40-45 '61.

KARLAMAN—SUGAR BEETS

Experience of the Karlaman Sugar Combine in farming sugar beets. IU. B. Tkachenko, M. M. Vinogradova. Sakh. prom. 35 no. 7, 61-66 Jl '61

KARPENKO, MYKOLA

A flow of thoughts ("The paths of my youth", volume by Mykola Karpenko. Reviewed by Hr. Vuitenov.) Ukraina no. 15, 20 Ag '61.

KARPOV, EVGENII

Happiness found in work ("Notebook with a motto" by V. Monastyrev; "Talking banks" by E. Karpov. Reviewed by Alekseĭ Griaznov). Sov. profsoiuzy 17 no. 15, 31 Ag '61.

KARSHI DISTRICT—SORGHUM

Three crops a year. S. Shchokin. Uzbekistan 20 [illegible] 5 Je '61

KARSKII, EVFIMII FEDOROVICH, 1860-1931

IU. Karskyi and the Ukrainian language. P. D. [illegible] shenko. Ukr. mova v shkoli 11 no. 3, 20-25 My-Je '61

KARST see subdivision under Irkutsk Province; Lena-Tunguska Valley; Syr Darya Valley

KASTAL'SKII, ALEKSANDR DMITRIEVICH, 1856-1926

Collected works on Kastal'skii ("A. D. Kastal'skii. Articles. Reminiscences. Materials." Reviewed by P. A. Sokhor). Sov. muz. 25 no. 7 140-141 Jl '61

KASUMOV, MIR BASHIR, 1870-1949

Stol'nik, B. IA. [Mir Bashir Kasumov; a biographical sketch] Mir Bashir Kasumov; biograficheskii ocherk. Baku, Azerbaidzhanskoe gos. izd-vo, 1960. 88 p.
(MH)

KATRAN MOUNTAINS—ROCKS, SEDIMENTARY

Lithologic characteristics of the Paleozoic on the northern slopes of the Katran Mountains. A. A. Anastasov, N. A. Nikiforov. Izv. AN Kir. SSR, Ser. est. i tekh. nauk 2 no. 9, 131-139 '60.

KATTA-KURGAN RESERVOIR—FISHERIES

Katta-Kurgan Reservoir. N. A. Stepanova. Izv. VNIORKH 50, 234-247 '61.

KAVALIOU, PAVEL

The education of children ("Lion'ka Iliom"; a tale by P. Kavaliou. Reviewed by IA. Usikau). Bibliotekar 18 no. 7, 30 Jl '61

KAZAKH LANGUAGE—GRAMMAR, COMPARATIVE—RUSSIAN

Isengalieva, V. A. [Usage of cases in the Kazakh and Russian languages] Upotreblenie padezhei v kazakhskom i russkom iazykakh. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1961. 165 p.

KAZAKH LITERATURE—HISTORY AND CRITICISM

Karataev, Mukhamedzhan. [Kazakh literature; a collection of articles] Kazakhskaia literatura; sbornik statei. Moskva, Goslitizdat, 1960. 186 p.
(MH)

Mukanov, Sabit. [Paths of our development; articles on literary criticism. Puti nashego razvitiia; literaturno-kriticheskie stat'i.] Alma-Ata, Kazgoslitizdat, 1960. 997 p. [In Kazakh.]
(MH)

[Outline history of Soviet Kazakh literature] Ocherk istorii Kazakhskoi sovetskoi literatury. Moskva, Izd-vo Akad. nauk SSSR, 1960. 685 p.
(NN)

KAZAKHSTAN—AERONAUTICS, COMMERCIAL

In the fraternal family of peoples. Grazhd. av. 18 no. 6: 22 Je '61.

KAZAKHSTAN—AFFORESTATION

Improve the technology and mechanization of operations in the afforestation of the sandy soils of Kazakhstan. E.I Abramovich Les khoz 14 no 7 60-63 Jl '61

KAZAKHSTAN—AGRICULTURE

Rural Communists take an examination. Part. zhizn' Kazakh. 31 no. 7 3-9 Jl '61.

[Wealth of the reclaimed virgin soil] Bogatstvo osvoennoi tseliny. Alma-Ata, Kazakhskoe gos. izd-vo, 1960. 255 p.
(CSt-H)

KAZAKHSTAN—AGRICULTURISTS

It happened to an agronomist. B. Sadvakasov. Part. zhizn' Kazakh. 31 no. 7:32-36 Jl '61.

KAZAKHSTAN—ALGAE, FOSSIL

Neogene Chara species from eastern Kazakhstan. E.V. Romanova. Mat. po ist. fauny i flory Kazakh. 3:99-103 '61.

KAZAKHSTAN—BIRDS

Distribution characteristics of some insectivorous birds in steppe shrub growths [U. A Dubrovskii. Trudy Inst. zool. AN Kazakh. SSR 15:184-187 '61.

Results of ornithological exploration in Kazakhstan. I. A. Portenko Trudy Inst. zool AN Kazakh SSR 15:115-131 '61

KAZAKHSTAN—BRIDGE CONSTRUCTION

Rate of bridge construction has increased. K. Z. Rovitskii. R. A. Mkrtich'ian Avt. dor. 24 no. 6:5 Je '61

KAZAKHSTAN—COMMERCE

Contribution of Kazakhstan to foreign trade. P. Kostin. Vnesh. torg 41 no. 6:36-37 '61

KAZAKHSTAN—COMMUNIST PARTY OF THE SOVIET UNION

Kunaev, D. A. [Report of the Central Committee of the Communist Party of Kazakhstan to the Tenth Congress of the Communist Party of Kazakhstan] Otchet TSentral'nogo Komiteta Kommunisticheskoi partii Kazakhstana X s"ezdu Kompartii Kazakhstana. Alma-Ata, Kazakhskoe gos. izd-vo, 1960. 89 p.

KAZAKHSTAN—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

The noble work of propagandists. T. Loginova. Part. zhizn' Kazakh. 31 no. 7:19-24 Jl '61.

Party news. Part. zhizn' Kazakh. 31 no. 7:79-80 Jl '61.

KAZAKHSTAN—CONSTRUCTION INDUSTRY

Chugal, A. M. [Capital construction in Kazakhstan; development of the construction industry in Kazakhstan during the years of the Soviet regime] Kapital'noe stroitel'stvo v Kazakhskoi SSR; razvitie stroitel'nogo dela v Kazakhstane za gody Sovetskoi vlasti. Alma-Ata, Akad. nauk Kazakhskoi SSR, 1961. 197 p. (40 let Kazakhskoi SSR)
(MH)

KAZAKHSTAN—CRANIOLOGY

Ginzburg, V. V. [Craniological data from northern Kazakhstan and the problem of the origin of the ancient Turkish nomads] Kraniologicheskie materialy iz severnogo Kazakhstana i vopros o proiskhozhdenii rannikh tiurkskikh kochevnikov. Moskva, 1960. 17 p.
(CLU)

KAZAKHSTAN—CRIMINAL LAW

Kazakh S. S. R. [Meeting of the Fifth Supreme Soviet of the Kazakh S. S. R., second session, July 21-22, 1959. Verbatim report] Verkhovnyi Sovet. Zasedaniia Verkhovnogo Soveta Kazakhskoi SSR, piatogo sozyva (vtoraia sessiia) 21-22 iiulia 1959 goda. Stenograficheskii otchet. Alma-Ata, Kazakhskoe gos. izd-vo, 1959. 401 p.

KAZAKHSTAN—DESERT FLORA

More about zonal features of the semidesert. F. IA. Levina. Bot zhur. 46 no. 5:728-731 My '61.

KAZAKHSTAN—ECONOMIC CONDITIONS

[Bypassing the stage of capitalism; the transition of the Soviet Republics of Central Asia and Kazakhstan to socialism] Minuia kapitalizm, o perekhode k sotsializmu respublik Srednei Azii i Kazakhstan. Moskva, Gos. izd-vo polit. lit-ry, 1961. 245 p.

Characteristics of the noncapitalist development of the peoples of Central Asia and Kazakhstan. M. S. Dzhunusov. Ist. SSSR 5 no. 4:3-28 Jl-Ag '61.

Kunaev, D. A. [Report of the Central Committee of the Communist Party of Kazakhstan to the Tenth Congress of the Communist Party of Kazakhstan] Otchet TSentral'nogo Komiteta Kommunisticheskoi partii Kazakhstana X s"ezdu Kompartii Kazakhstana. Alma-Ata, Kazakhskoe gos. izd-vo 1960. 89 p.

Tashenev, Z. A. [Kazakhstan in the brotherly family of peoples of the U. S. S. R.] Kazakhstan v bratskoi sem'e narodov SSSR. Alma-Ata, Kazgosizdat, 1960. 229 p. (40 let Kazakhskoi SSR)
(MH)

[Year of great accomplishments] Gody velikikh svershenii, sbornik statei. Alma-Ata, Kazgosizdat, 1960. 249 p. (40 let Kazakhskoi SSR)
(MH)

KAZAKHSTAN—ECONOMIC GEOGRAPHY

IArmukhamedov, M. Sh. [Economic geography of the Kazakh S. S. R., textbook for the teachers of Kazakhstan schools] Ekonomicheskaia geografiia Kazakhskoi SSR, uchebnoe posobie dlia uchitelei shkol Kazakhstana. Alma-Ata, Kazakhskoe Gos. uchebno-pedagog. izd-vo, 1959. 150 p.

KAZAKHSTAN—FORAMINIFERA, FOSSIL

Bykova, E. V. [Caradok foraminifera in eastern Kazakhstan] Foraminifery karadoka Vostochnogo Kazakhstana. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1961. 119 p.

KAZAKHSTAN—GAS, NATURAL—GEOLOGY

Nevolin, N. V. [Tectonics of western Kazakhstan and prospects for finding gas and oil] Tektonika Zapadnogo Kazakhstana i perspektivy ego neftegazonosnosti. Pod red. A. A. Borisova. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 315 p.

KAZAKHSTAN—GEODYNAMICS

Kolotilin, N. F. [Deformation of hillsides and sea cliffs in seismic and mudflow areas of southeastern Kazakhstan] Deformatsii gornykh i beregovykh sklonov v usloviiakh seismicheskikh i selevykh raionov IUgo-Vostochnogo Kazakhstana. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1961. 154 p.

KAZAKHSTAN—GEOGRAPHY—CONGRESSES

Second scientific conference of Kazakhstan geographers. T V Pisareva, G D Rikhter, O P Chizhov Izv. AN SSSR. Ser geog no. 4:166-167 Jl-Ag '61.

KAZAKHSTAN—GEOLOGY

Leningrad. Vsesoiuznyi geologicheskii institut. [Geological structure of central and southern Kazakhstan] Geologicheskoe stroenie TSentral'nogo i IUzhnogo Kazakhstana. Leningrad, Otdel nauchno-tekhn. informatsii, 1961. 496 p. (Materialy, no. 41)

KAZAKHSTAN—GEOLOGY—CONGRESSES

Geomorphological problems at the Central Asian and Kazakh inter-departmental Conference on the Study of the Quaternary Period. A. M. Krivenkov. Izv. AN Turk. SSR Ser. fiz.-tekh., khim. i geol. nauk no. 3 127-128 '61.

KAZAKHSTAN—HISTORY

Karagusov, Zhanpeis. [The Soviet Kazakh intelligentsia born of the October Revolution] Kazakhskaia sovetskaia intelligentsiia rozhdennaia Oktiabrem. Alma-Ata, Kazakhskoe gos. izd-vo, 1960. 140 p.
(WU)

[Under the banner of Lenin's national policy] Pod znamenem leninskoi natsional'noi politiki, sbornik statei. Alma-Ata, Kazgosizdat, 1960. 142 p. (40 let Kazakhskoi SSR)
(MH)

Vulgar simplification in a historical study ("History of the Kazakh S. S. R. Vol. 2. The age of socialism." Reviewed by A. P. Kuchkin). Ist. SSSR 5 no. 4 166-170 Jl-Ag '61

[Year of great accomplishments] Gody velikikh svershenii; sbornik statei. Alma-Ata, Kazgosizdat, 1960. 249 p. (40 let Kazakhskoi SSR)
(MH)

KAZAKHSTAN—HORSE MEAT

Production of national varieties of horse-meat sausages and smoked products. E. Filipson, N. Bortsevich, M. Kaligozhin. Miasn. ind. SSSR 32 no. 3:23-24 '61.

KAZAKHSTAN—HORSES, FOSSIL

Time of the appearance of the genus Hipparion in Kazakhstan. V. S. Bazhanov. Mat. po ist. fauny i flory Kazakh. 3:3-10 '61.

KAZAKHSTAN—INTELLECTUAL LIFE

Karagusov, Zhanpeis. [The Soviet Kazakh intelligentsia born of the October Revolution] Kazakhskaia sovetskaia intelligentsiia rozhdennaia Oktiabrem. Alma-Ata, Kazakhskoe gos. izd-vo, 1960. 140 p.
(WU)

KAZAKHSTAN—IRRIGATION FARMING

Some problems concerning the development of water resources. D. Sarykulov. Part. zhizn' Kazakh. 31 no. 7:10-14 Jl '61.

KAZAKHSTAN—IRON MINES AND MINING

Distributing ferrous metal plants in Kazakhstan. M. S. Butanovskii. Izv AN SSSR Ser. geog. no. 4:66-76 Jl-Ag '61.

KAZAKHSTAN—LAND TENURE

"Outline history of the feudal land tenure of the Kazakhs" by A. Erenov. Reviewed by G. Semeniuk. Part. zhizn' Kazakh. 31 no. 7:75-78 Jl '61.

KAZAKHSTAN—MEAT INDUSTRY

Three years on a new road. D. Matiushov. Miasn. ind. SSSR 32 no. 1:33-37 '61.

KAZAKHSTAN—NONFERROUS METALS—METALLURGY

Novozhilov, B. F., and I. B. Paramonov. [Nonferrous metallurgy in Kazakhstan] TSvetnaia metallurgiia Kazakhstana. Alma-Ata, Kazakhskoe gos. izd-vo, 1960. 34 p.

KAZAKHSTAN—PALEONTOLOGICAL RESEARCH

Expeditionary work of the Section of Paleobiology during 1957-1960. V. S. Bazhanov, V. S. Kornilova. Mat. po ist. fauny i flory Kazakh. 3:188-191 '61

KAZAKHSTAN—PEGMATITES

Granitic pegmatites in central Kazakhstan S. D. Dmitriev. Mat. VSEGEI. Ob. ser no 29 3-38 '60.

KAZAKHSTAN—PETROLEUM GEOLOGY

Nevolin, N. V. [Tectonics of western Kazakhstan and prospects for finding gas and oil] Tektonika Zapadnogo Kazakhstana i perspektivy ego neftegazonosnosti. Pod red. A. A. Borisova. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 315 p.

KAZAKHSTAN—PHOSPHORITES

Mineralogy and geochemistry of Ordovician phosphorites in Kazakhstan. I. I. Tolmachev. Izv. AN Kazakh. SSR. Ser. geol. no. 2:122-125 '61.

KAZAKHSTAN—POLITICS AND GOVERNMENT

Kazakh S. S. R. [Meeting of the Fifth Supreme Soviet of the Kazakh S. S. R., second session, July 21-22, 1959. Verbatim report] Verkhovnyi Sovet. Zasedaniia Verkhovnogo Soveta Kazakhskoi SSR, piatogo sozyva (vtoraia sessiia) 21-22 iiulia 1959 goda. Stenograficheskii otchet. Alma-Ata, Kazakhskoe gos. izd-vo, 1959. 401 p.

KAZAKHSTAN—RAILROADS—ELECTRIFICATION

Problems in the electrification of the Kazakhstan Railroad V N Dvornikov Zhel dor. transp 43 no 7 18-21 Jl '61

KAZAKHSTAN—RAILROADS—EMPLOYEES

Nonstaff workers. N. Seredenko. Okhr. truda i sots. strakh 4 no 7:18 Jl '61

KAZAKHSTAN—RECLAMATION OF LAND

[Wealth of the reclaimed virgin soil] Bogatstvo osvoennoi tseliny. Alma-Ata, Kazakhskoe gos. izd-vo, 1960. 255 p.
(CSt-H)

KAZAKHSTAN—RELATIONS (GENERAL) WITH RUSSIA

Apollova, N. G. [Economic and political relations between Kazakhstan and Russia during the 18th and the beginning of the 19th century] Ekonomicheskie i politicheskie sviazi Kazakhstana s Rossiei v XVII-nachale XIX v. Moskva, Izd-vo Akad. nauk SSSR, 1960. 454 p.
(CU)

KAZAKHSTAN—ROAD CONSTRUCTION

Labor of Kazakh road builders serves the prosperity of the Republic. L B. Goncharov Avt. dor 24 no. 6:1-4 Je '61.

Road construction in Kazakhstan. M. G. Ierusalimskaia Avt. dor. 24 no 7:7-8 Jl '61

KAZAKHSTAN—ROADS—MAINTENANCE AND REPAIR

Traffic on Kazakhstan roads must be uninterrupted I. I Popov Avt. dor. 24 no. 6 7 Je '61

KAZAKHSTAN—ROADSIDE IMPROVEMENT

Kazakhstan workers carry on roadside landscaping. R. M. Nemtseva. Avt. dor 24 no 6:5-6 Je '61.

KAZAKHSTAN—SCHISTS

Polymetamorphism of Pre-Cambrian crystalline schists in central Kazakhstan. I. F. Trusova. Izv. vys. ucheb. zav.; geol. i razv. 4 no. 1:3-19 Ja '61.

KAZAKHSTAN—STEEL INDUSTRY

Distributing ferrous metal plants in Kazakhstan. M. S. Biuanovskii. Izv. AN SSSR Ser geog no 4:66-76 Jl-Ag '61

KAZAKHSTAN—VOCATIONAL EDUCATION

Facing the great problems. G. Kozlov. Prof. -tekh. obr. 18 no. 7:1-3 Jl '61

KAZAKHSTAN—VOCATIONAL EDUCATION—CONGRESSES

First Congress of the Vocational and Technical Education Workers of Kazakhstan. Prof. -tekh. obr. 18 no 5,4-7 Je '61

KAZAKHSTAN—WATER RESOURCES DEVELOPMENT

Some problems concerning the development of water resources. D. Sarykulov. Part. zhizn' Kazakh. 31 no. 7:10-14 Jl '61.

KAZAKOV, MIKLAI, 1918-

Kadykov, N. S. [The poetry of Miklai Kazakov] Poeziia Miklaia Kazakova. Ioshkar-Ola, Mariiskii nauchno-issl. in-t iazyka, lit-ry i istorii, 1960. 110 p.
(MH)

KAZAN—COMMUNIST EDUCATION

Tikhonov, E. IA. [The work plan of a seminar on theory] Teoreticheskii seminar i organizatsiia ego raboty. Moskva, Gos. izd-vo polit. lit-ry, 1961. 46 p (Bibliotechka propagandista, no 5)

KAZAN—HOUSING

A soviet deputy isn't just a supplicant. N. Bulatova. Sov. deput. trud no. 8 57-60 Ag '61.

KAZAN—MUSEUMS

From the editor's mail Agitator. no 15:57-60 Ag '61

KAZAN—STREET RAILWAYS

Organization of train personnel N. Rogachevskii, N Vinokurov Zhil.-kom khoz 11 no 6 30 Je '61

KAZAN—TEACHERS, TRAINING OF

Training of teachers in vocational education S. Nefedov. Shkola i proizv 5 no 7:75-76 Jl '61

KAZAN UNIVERSITY

Years of I. N. Ul'ianov's study in the Kazan University T. D. Korneichik. Sov. pedag. 25 no 7 88-96 Jl '61

KAZANSKII, BORIS ALEKSANDROVICH, 1891-

Academician B. A. Kazanskii; on the 70th anniversary of his birth. A. Z. Dorogochinskii. Khim. i tekh. topl. i masel 6 no. 6:67 Je '61.

Boris Aleksandrovich Kazanskii, on the seventieth anniversary of his birth G V. Bykov, A F Plate Zhur. VKHO 6 no 4 447-448 '61

KAZANTSEV, NIKOLAI NIKOLAEVICH, 1894-1961

N N. Kazantsev. Muk.-elev. prom. 27 no. 4:3 of cover Ap '61.

KAZBEK MOUNTAIN—ANDESITES

Feasibility of using the andesites of the Kazbek volcanic area in stone casting and some features of their petrographic composition. N. A. Polkvoi Izv. vys. ucheb zav., geol. i razv. 3 no 6 38-44 Je '60

KEMEROVO—LIBRARIES, WORKINGMEN'S

Let's help the miners. E Shalkova Bibliotekar' no 7 20-21 Jl '61

KEMEROVO PROVINCE—BAR ASSOCIATIONS

How we have organized legal information and the classification of Soviet laws L. Kulik Sov. iust no 14 19 Jl '61.

KEMEROVO PROVINCE—BUILDING TRADES—STUDY AND TEACHING

Combining education with the production work of students at construction sites N N. Chistiakov Sov. pedag. 25 no 6:52-59 Je '61.

KEMEROVO PROVINCE—INDUSTRIES

At the forefront of the seven-year plan L. Lubennikov. Komm. Vooruzh. Sil 1 no 1:30-33 O '60

KEMIN DISTRICT—DIORITE

Genesis of Kemin diorites. V. N. Okhotnikov. Izv. AN Kir. SSR Ser. est. i tekh nauk 2 no. 9 117-120 '60

KENT, ROCKWELL, 1882-

Akademiia khudozhestv SSSR. [Catalog for the exhibition of the works of Rockwell Kent (U.S.A.), paintings, graphic arts, books] Vystavka proizvedenii Rokuella Kenta (SShA), zhivopis', grafika, knigi. Katalog. Leningrad, 1961. 27 p. plates. (MH)

KENYATTA, JOMO

Hero of Kenya ("Jomo Kenyatta" by George Delf Reviewed by V. Sidenko) Nov vrem 19 no. 31 29-31 Jl '61

KERCH—HISTORICAL MUSEUMS

"Guidebook to the museum and archaeological and historical monuments of Kerch and the Kerch Peninsula." Reviewed by IE. Kh IArova Mat. z arkheol Pivn Prychor no 3 275-276 '60.

KERCH—IRON MINES AND MINING

Basharin, S. V. [Kerch ore; history of the Kamysh-Burun Iron-Ore Combine] Kerchenskaia ruda, iz istorii Kamyshburunskogo zhelezorudnogo kombinata. Simferopol'. Krymizdat, 1960. 100 p. (MH)

KERCH PENINSULA—ANTIQUITIES

"Guidebook to the museum and archaeological and historical monuments of Kerch and the Kerch Peninsula." Reviewed by IE. Kh IArova. Mat. z arkheol Pivn Prychor. no. 3 275-276 '60.

KERCH STRAIT—OCEAN CURRENTS

Calculating and forecasting currents in the Kerch Strait. S. I. Kan. Trudy Okean. kom. 11:130-141 '61.

KET-KAP RANGE—ROCKS, IGNEOUS

Lower Cretaceous intrusions of Ket-Kap Range and the adjacent part of the Aldan Shield. V. A. Samozvantsev. Trudy VAGT no. 7:97-102 '61.

KETONE

Catalytic synthesis of halogen derivatives of β-aryl amino ketones N S Kozlov, L IU. Pinegina, I F Popov Zhur ob khim 31 no 7 2234-2236 Jl '61

Synthesis of isonicotinoyl hydrazones of 2-acetylfuran and 2-methyl-5-acetylfuran N N Dykhanov, L N. Pavlov Zhur. ob khim 31 no 7 2205-2206 Jl '61.

Trans-enolization Part I. Effect of solvents on the enolization of trans-fixed keto enols. M I Kabachnik and others Zhur ob khim 31 no 7 2122-2131 Jl '61

KETONES

Effect of insulin on the ketones in the blood and urine of cows A S Kinash Visnyk sil'hosp nauky 4 no 8 113-116 Ag '61.

KHABAROVSK—AERONAUTICS—STUDY AND TEACHING

Animated work. V. Danilenko. Grazhd. av. 10 no. 6:13 Je '61.

KHABAROVSK—LANDSCAPE ARCHITECTURE

Let the garden bloom. Zhil. kom. khoz 11 no 6:8 Je '61

KHABAROVSK TERRITORY—CONSTRUCTION INDUSTRY

Building the cities of the Khabarovsk Territory E. Mameshin. Zhil. stroi. no 6:16-18 Je '61

KHAKANI, 1120-1199

Sociopolitical views of Khakani from Shirvan. S. D. Rzakulizade. Trudy Sekt. filos. AN Azerb. SSR 2 26-48 '60.

KHAKASS AUTONOMOUS PROVINCE—ECONOMIC GEOGRAPHY

"Khakass Autonomous Province"; studies of the economic geography by L. A. Nikol'skaia. Reviewed by N. S Ginsburg. Izv Vses geog ob-va 93 no 4:360-361 Jl-Ag '61

KHAKASS AUTONOMOUS PROVINCE—INDUSTRIAL HYGIENE—PERIODICALS

Readers conference in the Khakass Autonomous Province. Okhr truda i sots strakh 4 no 7 42 Jl '61

KHAKASS AUTONOMOUS PROVINCE—STATE FARMS

Affairs run well. G. Rul'kov Okhr. truda i sots strakh. 4 no. 7:5-7 Jl '61.

KHALILOV, ZAID ISMAILOVICH, 1911-

Scientific and pedagogical work of Academician Z. I. Khalilov Izv AN Azerb SSR Ser. fiz.-mat i tekh nauk 2,3-12 '61.

KHARKOV—AMATEUR MOTION PICTURES

Attention, they are shooting! A IA. Zil'berman. Sred spets obr 8 no 7:43-46 Jl '61

KHARKOV—ART GALLERIES AND MUSEUMS

Kharkov. Derzhavnyi muzei obrazotvorchoho mystetstva. [Kharkov State Museum of Fine Arts] Kharkivs'kyi derzhavnyi muzei obrazotvorchoho mystetstva. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1960. 15 p. (NN)

KHARKOV—CHEMISTRY—STUDY AND TEACHING

Departments of chemistry of the V. I. Lenin Kharkov Polytechnical Institute, on the 75th anniversary of the Institute. Zhur. priki. khim 34 no 7 1645-1648 Jl '61

KHARKOV—HISTORY

Kondufor, IU. IU. [The Kharkov Bolshevist group "Vpered."] Khar'kovskaia bol'shevistskaia gruppa "Vpered." Khar'kov, Izd-vo Khar'kovskogo gos. univ. im. A. M. Gor'kogo, 1954. 49 p. (CU)

KHARKOV—MUNICIPAL SERVICES—SAFETY MEASURES

Advanced experience of Kharkov workers in labor safety. Zhil.-kom khoz 11 no. 6:22 Je '61

KHARKOV—SCHOOL LIBRARIES

Work of agitators' groups. N. V. Senchenko. Sred. spets. obr. 8 no. 7:56 Jl '61.

KHARKOV—SHIGELLA ALKALESCENS

Culturability of B. Alkalescens in 1957 and 1958 in the Ordzhonikidze District of Kharkov. P. D. Ivanenko, V. V. Rotenberg. Lab. delo 7 no. 6 26-28 Je '61.

KHARKOV—TILES

In celebration of the 22nd Congress of the CPSU. Stek. i ker. 18 no. 7:44-45 Jl '61.

KHARKOV—TRACTORS

A high-speed tractor. Ukraina no. 15:8 Ag '61.

KHARKOV—UNDERPASSES

Underpasses for Kharkov squares. B. Bondarenko. Stroi. i arkhit 9 no. 6:11-13 Je '61.

KHARKOV ECONOMIC REGION—SUGAR INDUSTRY

Konferentsiia po razvitiiu proizvoditel'nykh sil Khar'kovskogo ekonomicheskogo raiona, Khar'kov, 1958. [Development of the sugar industry, proceedings of the Conference on the Development of the Production Capacity of the Kharkov Economic Region] Voprosy razvitiia sakharnoi promyshlennosti, trudy. Kiev, Izd-vo Akad. nauk USSR.

No. 5. 1961. 101 p.

KHARKOV PROVINCE—TEACHERS, TRAINING OF

Raising the qualifications of educational personnel is an important task of the departments of public education M F Roiko Rad shk 40 no 8 69-75 S '61

KHASAVYURT DISTRICT—CORN (MAIZE)

Zalov, M. [Study and work belong together, corn growing by school work brigades of Bakayurt and Khasavyurt Districts] Ucheba i trud vmeste zhivut, iz opyta vozdelyvaniia kukuruzy shkol'nymi proizvodstvennymi brigadami Bakaiurtovskogo i Khasaviurtovskogo raionov. [Makhachkala] Dagestanskoe knizhnoe izd-vo, 1959. 23 p. (Bibliotechka kukuruzovoda) (DA)

KHERSON—PIONEERS (COMMUNIST YOUTH)

Friendship with Pioneers L Pravotorova. Doshk vykh 22 no 8 34-15 Ag '61

KHERSON ECONOMIC REGION—GRAPES—VARIETIES

Better grape varieties for the Crimean and Kherson Economic Regions T. N. Katarfian Visnyk sil'hosp nauky 4 no 8 50-54 Ag '61.

KHERSON PROVINCE—COINS, ANCIENT

A Bactrian tetradrachma found in Kherson Province A. N. Zahynaiko Mat. z arkheol. Pivn. Prychor. no. 3 250-252 '60

KHERSON PROVINCE—CONSTRUCTION INDUSTRY

In favor of the integrated method. V. I. Sokolova'kyi Sil' bud 11 no 7.3-4 Jl '61.

KHERSON PROVINCE—MEAT INDUSTRY

What do the meat combines Kherson Province need? N. Butnikov. Miasn. ind. SSSR 32 no 1:23-25 '61.

KHERSON PROVINCE—POTATO MOSAIC VIRUS

Rugose mosaic of potatoes and its control in Crimean and Kherson Provinces. O. N. Abrashyna Visnyk sil'hosp. nauky 4 no 8 55-57 Ag '61

KHIBINY MOUNTAINS—SUMMER

In the Khibiny Mountains. P. M Medvedev. Priroda 50 no 8:125 Ag '61.

KHIMKI DISTRICT—AGRICULTURE

Agricultural conference in Khimki District of Moscow Province. E. U. Lukanina. Dokl. i soob VNIISKII no 4 125-129 '60.

KHMALADZE, ALEKSANDR GEORGIEVICH, 1861-

Professor A G. Khmaladze; on his 70th birthday IA K. Habutsidze. Sov zdrav. 20 no. 6 96 '61.

KHMEL'NITSKIY PROVINCE—SOIL CONSERVATION

Introducing soil conservation practices on the Kuybyshev Collective Farm M. M. Pyrozhok Visnyk sil'hosp. nauky 4 no. 8:37-40 Ag '61.

KHODZHAEV, ALIM

Khodzhaev. IA. Fel'dman. Teatr 22 no. 7:94-96 Jl '61

KHODZHENT—MUNICIPAL SERVICES

Facts are conformed. Zhil.-kom. khoz. 11 no. 6:8 Je '61.

KHORUZHAIA, VERA ZAKHAROVNA, 1903-1942

A heroic life ("Glorious daughter of the White Russian people, reminiscences about V. Khoruzhata and her letters and articles." Reviewed by L. Alferova). Part. zhizn' no 15/16:156-157 Ag '61.

KHOYNIKI DISTRICT—CORN (MAIZE)

Noble souls. M. Vishneuski. Belarus' 18 no. 8:6-7 Ag '61.

KHRISTOFOROV, VALENTIN FEDOROVICH, 1893-1921

Bolshevik physician; on the 40th anniversary of the death of V. F. Khristoforov. Voen.-med. zhur. no. 3:84 Mr '61.

KHRUSHCHEV, NIKITA SERGEEVICH, 1894-

A frank talk. Nov. vrem. 19 no. 33:1-3 Ag '61.

In the great family of Soviet fraternal nations the workers of the Kazakh S. S. R. celebrate the 40th anniversary of the Republic and of the Communist Party of Kazakhstan. Ogonek 39 no 27:1-3 Jl '61.

KHRUSTAL'NYY VALLEY—TIN ORES

Role of the northwestern dislocations in the mineral distribution in the Khrustal'nyy tin deposit. D. G. Latyshev. Izv. vys. ucheb. zav.; geol. i razv. 3 no. 6 58-63 Je '60.

KHUNGARI VALLEY—DRONGO

Black drongo (Dicrurus macrocercus Vieill.) on the Khungari River. E. P. Spangenberg. Ornitologiia no. 2: 198 '59.

KIEV—ART, UKRAINIAN

Kiev. Derzhavnyi muzei ukrains'koho mystetstva. [The Kiev State Museum of Ukrainian Art] Kyivs'kyi derzhavnyi muzei ukrains'koho mystetstva. [Kyiv] Derzh. vyd-vo obrazotvorchoho mystetstva i myzychnoi lit-ry URSR, 1959] 47 p. plates

KIEV—EXAMINATIONS

School examinations in Kiev. Ukr. mova v shkoli 11 no 4:95-98 Jl-Ag '61

KIEV—FINANCE

Searching for new potentials. G. Baratov. Fin. SSSR 22 no 7:58-60 Jl '61

KIEV—HISTORY

Immortal Kiev. Liubomir Dmitenko. Ogonek 39 no. 27, 5 Jl '61

KIEV—MEAT INDUSTRY

Experts are helping industry. I. Naugard, M. Barabash. Mias. ind SSSR 32 no. 1 41-32 '61.

KIEV—MEDICINE, CLINICAL

In memory of Academician Strazhesko A. L. Mikhailov K. F. Dupienko. Nauka i zhyttia 11 no 6.23-25 Je '61

KIEV—REINFORCED CONCRETE

Boat shells made of glass reinforced cement. K. L. Birilkovich, Iu. L. Birilkovich. Bet i zhel.-bet no 6 275-276 Je '61.

KIEV—SEWERAGE

Reinforced concrete main in Kiev. E. Kigel'. Zhil.-kom. khoz. 11 no 5 12-13 My '61.

KIEV—STREET RAILWAYS—TECHNOLOGICAL INNOVATIONS

Skillful hands, inquisitive mind. M. Rachevskaia. Zhil.-kom. khoz. 11 no 6 16, 21 My '61.

KIEV—STRING QUARTET

Concerts in cities. L. Bas, N. T. Sov. muz. 25 no. 7: 102-103 Jl '61.

KIEV—SUBWAYS

Lowering underground structures in a ring of ice and soil. L. D. Suprykin, L. N. Orlov. Prom stroi 39 no 5 22-26 '61

KIEV—TELEVISION STATIONS

Alekseev, K. A., and Iu. I. Omel'ianenko. [Operation of the Kiev Television Center] Opyt ekspluatatsii Kievskogo televizionnogo tsentra. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1960. 31 p.
[MICROFILM]

KIEV—TROLLEY BUSES

Plastinin, A. I. [Story of the chairman of a plant's trade-union committee] Povest' o predsedatele zavkoma. [Moskva] Izd-vo VTsSPS Profizdat, 1961. 135 p.

KIEV HYDROELECTRIC POWER STATION REGION—ROAD CONSTRUCTION

Words of mechanizers do not disagree with their deeds. E. M. Ponomarev. Transp stroi. 11 no. 7-4-5 Jl '61.

KIEV PROVINCE—BUILDING TRADES—STUDY AND TEACHING

Rural building deserves qualified workers. V. Pavlychenko Sil'. bud 11 no. 6;22 Je '61.

KIEV PROVINCE—CONSTRUCTION INDUSTRY

Contribution of the Main Administration for Housing and Civil Construction in the City of Kiev Stroi. i arkhit. 8 no 5;38 Je '61.

KIEV UNIVERSITY

Gritsai, N. A. [The building of the T. H. Shevchenko University in Kiev; a monument of 19th-century architecture] Zdanie universiteta im. T. G. Shevchenko v Kieve, pamiatnik arkhitektury XIX v. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1959. 17 p. (Pamiatniki arkhitektury Ukrainskoi SSR)
(MH)

KILMUN—MILITARY BASES, AMERICAN

Scottish Trade-Union Congress says: "No to the Polaris-es!" Dave Goodman. Vsem. prof. dvizh. no. 6: 32-34 Je '61.

KILNS

(see also subdivision under Borovichi; Kuznetsk Basin; Semiluki)

Building tunnel and compartment kilns of precast fireproof reinforced concrete. M. M. Latash. Mont. i spets. rab. v stroi 23 no. 6;22-24 Je '61.

Systems for an automated factory for the quick firing of facing tiles. G. S. Blokh, L. F. Shuliko. Stek. i ker. 18 no. 6.17-23 Je '61.

KILNS, ROTARY

(see also subdivision under Zdolbunov)

Raising the productivity of rotary kilns. V. V. Fokin TSement 27 no 3,11-13 My-Je '61.

Study of the process of firing keramzit in a rotary kiln P. I. Berenshtein. Stroi mat. 7 no 7 32-34 Jl '61

KILNS, ROTARY—MAINTENANCE AND REPAIR see subdivision under Steel tamak

KIMBERLITE see subdivision under Belaya Zima Valley

KINDERGARTEN

(see also subdivision under Gubkin; Komsomol'skoye, Minsk, Moscow, Perm; Ukraine; Vladimir Province)

Difficulties in the young teacher's work V. A. Antik Doshk vosp 31 no. 6 39-41 Je '61

Diligence. L. E. Obraztsova Doshk. vosp. 34 no. 6: 31-36 Je '61

Discussing the educational program of a kindergarten. L. N. Eliseeva, R. M. Natapova Doshk vosp 31 no. 6: 46-53 Je '61

First steps N. P. Pestova. Doshk vosp 34 no. 6 41-45 Je '61

Good management of a kindergarten is the basis for the development of children's conduct. V. A. Murasheva Doshk vosp. 34 no 7 57-61 Jl '61

Interesting experiment. T. S. Komarova Doshk vosp 34 no. 6;112-116 Je '61.

Older children take care of the young ones M. F. Pechenkina. Doshk. vosp. 31 no. 6:37-39 Je '61

Responsibility of normal schools. E. A. Lebedeva. Doshk. vosp. 31 no. 6;20-21 Je '61

Useful book ("Kindergarten work in summer." Reviewed by E. R. Devitskaia). Doshk vosp. 34 no. 7: 117-118 Jl '61.

Using games in working with primary group children I. Shkol'nyk Doshk vykh 22 no 6 30-33 Ag '61.

Work and its influence on children's behavior. R. A. IAkovleva. Doshk. vosp. 34 no. 7:42-46 Jl '61.

KINDERGARTEN—CONGRESSES

Discussing the kindergarten training program. V. G. Chervinkova and others. Doshk vosp 31 no. 7 46-56 Jl '61.

KINDERGARTEN—MUSIC

Music classes in summer. S. I. Labunskaia. Doshk. vosp. 34 no. 6:51-55 Je '61

New songs for tots. N. A. Metlov. Doshk. vosp. 31 no. 7:122-123 Jl '61.

KINDERGARTENS

(see also subdivision under Archangel Province; Ivanikha)

Communist attitude toward work in a kindergarten group R. Skorlatina Doshk vykh 22 no. 7:3-7 Jl '61.

KINDERGARTENS—DESIGNS AND CONSTRUCTION

New model plans for schools and children's institutions. S. Zmeul, V. Shestopalov. Na stroi. Ros. no. 5:5-7 My '61.

KINEMATIC GEOMETRY

Generalization of Blaschke-Grünwald kinematic representations. Z. A. Skopets. Izv. vys. ucheb zav.; mat. no. 3: 108-115 '61.

KINEMATICS

Theory of four-membered mechanisms with two forward moving pairs. I. I. Artobolevskii. Dokl. AN SSSR 139 no. 4:838-840 Ag '61.

KINEMATICS—STUDY AND TEACHING

Combined study of kinematics. IU. Gal'perin. Prof.-tekh. obr. 18 no. 6:18 Je '61.

KINETIC THEORY OF GASES see Gases, Kinetic theory of

KINETICS see Dynamics

KIPUSHI, CONGO—GERMANIUM

High-grade germanium ore deposits. L. V. Chernysheva. Geol. mest. red. elem. no. 5:34-35 '59.

Prince Leopold Mine (Belgian Congo). L. V. Chernysheva Geol. mest. red. elem. no. 5.62-74 '59.

KIREEV, VALENTIN ALEKSANDROVICH, 1899-

Valentin Aleksandrovich Kireev; on the 60th anniversary of his birth. IA. I. Gerasimov, M. Kh. Karapet'iants Zhur. fiz. khim. 34 no. 2;484-485 F '60.

KIRGHIZISTAN—AERONAUTICS IN MEDICINE

Gomer flies. Tolen Shamshiev. Ogonek 39 no. 28:19 Jl '61.

KIRGHIZISTAN—ATMOSPHERIC PRESSURE

Diurnal variation of atmospheric pressure in Kirghizia. M. T. Turusbekov. Izv. AN Kir. SSR Ser. est. i tekh. nauk 3 no. 1;131-138 '61.

KIRGHIZISTAN—COAL GEOLOGY

Stratigraphy of Carboniferous sediments in northern Kirghizia. A. IA. Galitskaia-Gladchenko. Izv. AN Kir. SSR. Ser. est. i tekh. nauk 2 no. 9:5-22 '60.

KIRGHIZISTAN—COURTS

Kirghiz S. S. R. Laws, statutes, etc. [Law on the judicial system of the Kirghiz Soviet Socialist Republic] Zakon o sudoustroistve Kirgizskoi Sovetskoi Sotsialisticheskoi Respubliki. Frunze, Kyrgyzstan mamlekettik basmasy, 1960. 30 p. [Parallel texts in Kirgiz and Russian.]

KIRGHIZISTAN—EDUCATION

Akademiia nauk Kirgizskoi SSR, Frunze. Institut istorii. [Development of culture in the Kirghiz S. S. R., 1930-1941] Kul'turnoe stroitel'stvo v Kirgizii, 1930-1941 gg. Frunze, Kirgizskoe gos. izd-vo.
Vol. 2., pt. 1. [Public education] Narodnoe obrazovanie. 1960. 412 p.

Kazakimev, Abdykair. [Some aspects of the reorganization of the public education system in Kirghizia] Nekotoryе voprosy perestroiki sistemy narodnogo obrazovaniia v Kirgizii. Frunze, Kirgizskoe gos. uchebno-pedagog izd-vo, 1960 44 p.

KIRGHIZISTAN—HISTORY

Studying the 15th-century political history of Kirghizia. Sh. Akhmedov Obshchestv. nauki v Uz no 5 28-31 '61.

KIRGHIZISTAN—MINERALOGY

Method and significance of mineralogical survey S. D. Turovskii, V. F. Kim Izv. AN Kir. SSR Ser. est. i tekh nauk 2 no 9 85-106 '60

KIRGHIZISTAN—PETROLOGY

Petrography and certain geological features of granites and vein formations of the Kenkol intrusive A. G. Zhil'tsov Izv AN Kir SSR Ser. est. i tekh nauk 2 no. 9 57-71 '60

KIRGHIZISTAN—SAUSAGES

Sausage casings made of mesenteric elements. I. Vasil'ev Mias. ind SSSR 32 no 3,24 '61

KIRILOV, NIKOLAI VASIL'EVICH, 1860-1920

Petriaev, E. D. [N. V. Kirilov, explorer of Transbaikalia and the Far East] N. V. Kirilov, issledovatel' Zabaikal'ia i Dal'nego Vostoka. [Chita] Chitinskoe knizhnoe izd-vo, 1960. 75 p.
(MH)

KIRILOVKA—VACATION SCHOOLS

Vacationing at the seashore M. Khatunts'ka. Doshk vykh. 22 no 7:31-33 Jl '61.

KIROV—AERONAUTICS AS RECREATION

Force of competition. IA. Shvartsman. Kryl. rod. 12 no. 4;3-4 Ap '61.

KIROV—CORRESPONDENCE SCHOOLS AND COURSES

What was gained by conducting two [examination] sessions a year. N. I. Khoroshavin. Sred spets obr 6 no. 6:39-41 Je '61.

KIROV PROVINCE—CONSTRUCTION INDUSTRY

But the contractors are slow F. Marikhin. Zhil.-kom. khoz. 11 no. 7:14-15 Jl '61

KIROV PROVINCE—FORESTS AND FORESTRY

We have fulfilled our yearly seed production plan. G. I. Gorev Les khoz 14 no. 7 76-78 Jl '61

KIROV PROVINCE—INSURANCE, SOCIAL—EMPLOYEES

The accountant of the district division of social security is more than just an accountant. G. Monoszon Sots. obesp. 22 no 7:18-20 Jl '61.

KIROVGRAD—TEACHING

Lecture and practical method of teaching in schools. O. O. Khmura Rad shk 40 no 6 37-44 S '61

KIROVOGRAD—CORN (MAIZE)—STORAGE

Achievements of the workers of the Kirovograd Hybrid and Certified Corn Processing Plant. L. Smitiukha Muk.-elev. prom 27 no. 6,11-12 Ag '61

KIROVOGRAD PROVINCE—COMMUNITY AND SCHOOL

Beacons are calling them V. Lunina. Shkola-int. no. 3: 35-37 My-Je '61.

KIROVOGRAD PROVINCE—CONSTRUCTION INDUSTRY

For the title "Shop of communist labor." I. Il'menin. Sil'. bud. 11 no. 7:4 Jl '61.

KISHCHAY VALLEY—EROSION

Some problems concerning economic measures for the control of soil erosion and flash floods in the basin of the Kishchay River. B. T. Nazirova. Izv. AN Azerb. SSR, Ser. biol. i med. nauk 3 65-71 '61.

KISHINEV—CORN (MAIZE)—GRADING

Capacity of the corn grading section of the Kishinev Corn Processing Plant has been doubled. V. Semenenko. Muk.-elev. prom. 27 no. 4;10-12 Ap '61.

KISHINEV—MUSEUMS

Sukhomlinov, A. V., comp. [The Aleksandr Sergeevich Pushkin House-Museum] Dom-muzei Aleksandra Sergeevicha Pushkina; kratkii putevoditel'. Kishinev, Kartia moldovenieske, 1959. 29 p.
(CLU)

KISLOVODSK—LANDSCAPE GARDENING

On the outskirts of Kislovodsk A Matsas. Zhil -kom khoz 11 no 7 32 Jl '61

KISLOVODSK—LEATHER GOODS

Kislovodsk workers. Mest. prom. i khud promys. 2 no.6 17 Je '61.

KITCHEN UTENSILS

Kitchen utensils G. Zak Sov potrcb koop 5 no 7 57-59 Jl '61

KITSMAN' DISTRICT—REGIONAL PLANNING

Planning Bakhchisarai and Kitsman' Districts. O Lesenko Sel' stroi 11 no 7 19-21 Jl '61

KIZEL BASIN—COAL MINES AND MINING

Some results of the work of the Stalin Mine for improvement of the technical and economic indices A N Mironov, V N Vlasov Ugol' 36 no 6 13-14 Je '61

Work practices of Mine No 76/75 for the improvement of technical and economic indices. V A. Grishko Ugol' 36 no. 6 11-13 Je '61

KIZEL REGION—CAVES

Cave "pearls" E V [Astrebov Priroda 50 no. 8 68 Ag '61

KIZIL KUM see Kyzyl Kum

KLAYPEDA DISTRICT—BANKS AND BANKING

Our payment practice for construction work B Shklovskii Fin SSSR 22 no. 3 80-81 Mr '61

KALYPEDA DISTRICT—CONSTRUCTION INDUSTRY—FINANCE

Our payment practice for construction work B. Shklovskii Fin SSSR 22 no. 3 80-81 Mr '61.

KLERIDIS, GLAVKOS, 1919–

Glavkos Kleridis Nov vrem 19no.34 21 Ag '61.

KLYAZ'MA VALLEY—GEOLOGY, STRATIGRAPHIC

Quaternary history of the Klyaz'ma Valley [within the boundaries of Meshchera). S.I.Gol'ts, Biul.MOIP, Otd.geol. 36 no.2 141-142 Mr-Ap '61

KLYAZ'MA VALLEY—SOIL MICRO-ORGANISMS

Study of microflora in bottom-land and turf-Podzolic soils of the upper Klyaz'ma Valley I P Bab'eva Nauch. dokl vys shkoly, biol. nauki no. 3 185-188 '61

KNEE JERK see Reflexes

KNIT GOODS

More varied knit goods of high quality D. M. Khazan-Andreeva Tekst prom. 21 no 4;4-6 Ap '61

KNIT GOODS—STANDARDS

Standardization of knitted fabrics. V.S.Gendzelevskaia, M T Strel'tsova Standartizatsiia 25 no 8 34-35 Ag '61

KNIT GOODS—TESTING

Design for strength of slightly stretchable tricot cloth. L. M Agapov Izv vys. ucheb zav., tekh leg prom no 3;121-131 '61

KNIT GOODS INDUSTRY see subdivision under Moscow Province

KNITTING MACHINES

Possibility of increasing the number of loop-forming systems of circular knitting machines. K D Mikhailov. Izv vys. ucheb. zav., tekh leg prom. no. 3;140-144 '61

Selecting the size of yarn packages for knitting machines. V M Lazarenko. Izv. vys ucheb. zav., tekh leg. prom no 3;132-139 '61.

KNOWLEDGE, THEORY OF

How V. I. Lenin developed the theory of the role of practice in the cognitive process. V. N. Sagatovskii Trudy TGU 149 35-40 '60.

Neopositivist conception of analytic and synthetic knowledge in the light of critical evaluation of Ernst Mach's theory by Lenin. E D Smirnova. Trudy TGU 149 75-80 '60.

The unity of analysis and synthesis in scientific cognition. IA. M Babosau. Vestsi AN BSSR. Ser hram nav no. 3;18-29 '61.

KODAKS see Cameras

KODOR RANGE—PALEOBOTANY—PLIOCENE

Second addition to the Pliocene flora of Kodor [with summary in English]. A. Kolakovskii. Trudy Sukh. bot. sada no. 12;209-262 '59.

KOKCHETAV REGION—GEOLOGY, STRATIGRAPHIC

Stratigraphy of the Erkebidaik series in the eastern Kokchetav trough. M. K. Apollonov, G. Kh. Ergaliev. Izv. AN Kazakh. SSR. Ser. geol. no. 2;18-25 '61.

KOKKINAKI, KONSTANTIN KONSTANTINOVICH

At high speeds. N Konstantinov. Kryl. rod. 12 no. 5; 20-21 My '61

KOKTEREKSKIY DISTRICT—SHEEP BREEDING

Skorobogatov, V. F., and E. A. Dzarakhokhova. [A self-made man from Koktereksky District] Samorodok Koktereka. Moskva, Gos. izd-vo polit. lit-ry, 1961. 30 p. (Geroi i podvigi)

KOLA PENINSULA—ASPEN

Clone of the monoecious aspen Populus tremula L. on the Kola Peninsula. L. N Gorlunova. Bot. zhur. 46 no 5 705-707 My '61.

KOLA PENINSULA—PEGMATITES

New supply of quartz-feldspar raw material V V. Kozyr'ev Stek i ker 18 no 7 31 Jl '61

KOLA PENINSULA—PINE

Characteristics of the fruiting of pine and spruce on the Kola Peninsula I B Beletskii Les. khoz 14 no 7 33-35 Jl '61

KOLA PENINSULA—REVOLUTION, 1917-1921

Kommunisticheskaia partiia Sovetskogo Soiuza Murmanskii oblastnoi komitet. Partiinyi arkhiv. [Struggle for the establishment and consolidation of the Soviet regime on the Kola Peninsula; collected documents and materials] Bor'ba za ustanovlenie i uprochenie Sovetskoi vlasti na Murmane; sbornik dokumentov i materialov. [Murmansk] Murmanskoe knizhnoe izd-vo, 1960. 492 p.

KOLA PENINSULA—RIVERS

Akademiia nauk SSSR. Kol'skii filial, Kirovsk. [Water-power resources of the Kola Peninsula] Vodnoenergeticheskie resursy Kol'skogo poluostrova. Moskva, Akad. nauk. 1958.

Vol. 1. [Vostochnaya Litsa River and Kharlovka River] Reki Vostochnaia Litsa i Kharlovka.

Vol. 2. [Ponoy River] Reka Ponoi.

(MH)

KOLA PENINSULA—SOIL MICRO-ORGANISMS

Role of the biological factor in the toxicity of soils of the Kola Peninsula for aerobic cellulose bacteria [with summary in English]. R. A Zhukova Mikrobiologiia 29 no. 2;220-228 Mr-Ap '60

KOLA PENINSULA—SPRUCE

Characteristics of the fruiting of pine and spruce on the Kola Peninsula I B Beletskii. Les. khoz. 14 no 7 33-35 Jl '61

KOLAS, IAKUB, pseud see Mitskevich, Konstantin Mikhailovich, 1882-1956

KOLKHOZES see Collective farms

KOLOMNA—DIESEL LOCOMOTIVES

At the Kolomna Diesel Locomotive Plant. IU. V. Lobikov, Mashinostroitel' no. 7 41-42 '61.

Our word is as firm as steel. A. Maskatin. Sov. profsoiuzy 17 no. 14;4-6 Jl '61.

KOLOMNA—INSURANCE, SOCIAL

A progressive department takes a socialist pledge. V. Leont'ev Sots obesp 22 no 7 5 Jl '61.

KOLOMNA—LOCOMOTIVES

Isbakh, A. A. [Life line] Linila zhizni. Moskva, Sovetskaia Rossiia, 1960. 141 p.

(MH)

KOLOMNA—MEDICINE

Work of city conferences on research and practice of subprofessional medical personnel in Kolomna. N K Mitropol'skii. Med. sestra 20 no 6.59 Je '61

KOLYMA VALLEY—GRANITE

Okhandzha granitoid massif and a comparison of it with Ch'orgo massif in the basin of the upper Kolyma River. V. A. Serebrinkov. Izv. vys. ucheb. zav., geol. i razv. 4 no. 1;41-57 Ja '61.

KOMI A. S. S. R.—FORAGE PLANTS

Karelin, T. I., and V. V. Ognev. [The most important of the wild forage grasses in the Komi A. S. S. R., biological characteristics of their evolution, their gathering, and utilization] Vazhneishie dikorastushchie kormovye travy Komi ASSR; biologicheskie osobennosti ikh razvitiia, sbor i ispol'zovanie. Syktyvkar, Komi Gos. izd-vo, 1949. 43 p.

(ICMILC)

KOMI A. S. S. R.—POTATOES

Kosmortov, V. A. [Growing potatoes in the Komi A. S. S. R.] Agrotekhnika kartofelia v Komi ASSR. Syktyvkar, Komi gos. izd-vo, 1950. 23 p.

(ICMILC)

KOMINTERNOVSKIY DISTRICT—HISTORICAL MUSEUMS

A school museum. F. S. Subotynov. Mat. z arkheol. Pivn. Prychor. no. 3 302 '60

KOMSOMOL'SK DISTRICT (IVANOVO PROVINCE)—CONSTRUCTION INDUSTRY

Secret of success lies in the proper organization of production. M. Frolova Sel'. stroi 16 no. 6;13-14 Je '61.

KOMSOMOLSK-ON-AMUR—MASONRY

Advanced team I Azmikin Stroitel' no. 6 23 Je '61

KOMSOMOL'SKOYE—KINDERGARTENS

On a collective farm V Chistiakova Doshk vosp 31 no. 6;72-73 Je '61.

KONDOPOGA REGION—LUMBER—STORAGE

Proskurnikov, S. M. [Formation of artificial canals and open places in ice, organizing the winter storage of lumber supplies in water] Obrazovanie iskusstvennykh kanalov i malin vo l'du, k voprosu organizatsii khranenia zimnego zapasa drevesiny na vode. Moskva, Goslesbumizdat, 1959. 51 p.

KONOTOP—MEAT INDUSTRY—EQUIPMENT AND SUPPLIES

Mechanization is increasing. S. Chaban Miasn ind SSSR 32 no 3.11-12 '61

KOPEL'MAN, SOLOMON LAZAREVICH

On the 35th anniversary of the pedagogical and public activities of S L Kopel'man. Vest rent. i rad. 36 no. 3;70-71 My-Je '61

KOPET DAG—BIRDS

Ornithogeographical relationships of Kopet Dag and Hyrcania A K Rustamov. Trudy Inst zool AN Kazakh SSR 15;132-138 '61

KOREA—HISTORY

Tiagai, G. D. [Outline history of Korea during the second half of the 19th century] Ocherki istorii Korei vo vtoroi polovine XIX v. Moskva, Izd-vo vostochnoi lit-ry, 1960. 238 p.

(WU)

KOREA, NORTH

Two errors. Nov. vrem. 19 no. 28;1-2 Jl '61.

KOREA, NORTH—ECONOMIC CONDITIONS

The years of struggle and victories. M. Domogatskikh. Agitator no 15;20-22 Ag '61

KOREA, NORTH—MACHINERY INDUSTRY

[Machinery industry in North Korea] Mashinostroitel'naia promyshlennost' KNDR. Pyongyang, Izd-vo lit-ry na inostr. iazykakh, 1959. 1 v. illus.

KOREA, SOUTH—POLITICS AND GOVERNMENT

[Against the efforts of American aggressors to strengthen the dictatorship of South Korean militarists and fascists] Protiv usilenila amerikanskimi agressorami voenno-fashistskoi diktatury v IUzhnoi Koree. Pyongyang, Izd-vo lit-ry na inostr. iazykakh, 1961. 27 p.

Generals' clique in power. Az. i Afr. seg. no. 7 3-4 Jl '61.

Korea (People's Democratic Republic, 1948-). [Memorandum of the government of the Korean People's Democratic Republic of March 6, 1961 "For the peaceful reunification of our country"] Memorandum Pravitel'stva Koreiskoi Narodno-Demokraticheskoi Respubliki. Za mirnoe ob"edinenie Rodiny, 6 marta 1961 goda. Pyongyang, Izd-vo lit-ry na inostr. iazykakh [n.d.] 39 p.

KOREAN LANGUAGE—DICTIONARIES—RUSSIAN

Kim Ki Un, Kim Yŏn Ch'ŏl, and L. N. Karshinov, comps. [Russian-Korean and Korean-Russian dictionary of foreign trade] Russko-koreiskii i koreisko-russkii vneshnetorgovyi slovar'. Moskva, Vneshtorgizdat, 1961. 190 p.

KOREAN REUNIFICATION QUESTION (1945-)

Korea (People's Democratic Republic, 1948-). [Memorandum of the government of the Korean People's Democratic Republic of March 6, 1961 "For the peaceful reunification of our country"] Memorandum Pravitel'stva Koreiskoi Narodno-Demokraticheskoi Respubliki. Za mirnoe ob"edinenie Rodiny, 6 marta 1961 goda. Pyongyang, Izd-vo lit-ry na inostr. iazykakh [n.d.] 39 p.

KORENOVSKIY DISTRICT—COLLECTIVE FARMS—MANAGEMENT

Organization of work on the Lenin Collective Farm A.I. Baev. Dokl i soob. VNIESKH no. 4 93-96 '58.

KOROSTEN' REGION—MICA

Green mica from pegmatites of the Korosten' pluton O.I. Lytvyn. Geol. zhur. 21 no. 3;52-56 '61.

KOROSTEN' REGION—PEGMATITES

Green mica from pegmatites of the Korosten' pluton. O.I. Lytvyn. Geol. zhur. 21 no. 3;52-56 '61.

KOSHTOIANTS, KHACHATUR SEDRAKOVICH, 1900-1961
In memory of Kh S Koshtoiants D A Sakharov Nauch dokl vys shkoly biol nauki no 3 199-200 '61

KOSTROMA—EDUCATION, ELEMENTARY
Carrying out regulations V A Rozanova, T V Narbekova Doshk vosp 34 no 7 17-18 Jl '61

KOSTROMA PROVINCE—DAIRY INDUSTRY—HYGIENIC ASPECTS
Story of milk in Kostroma. I. Kafanova. Zdorovie 7 no 5,6-7 Je '61

KOSTROMA PROVINCE—DAIRYING
Khokhlov, V. K. Annushka. Moskva, Gos. izd-vo polit. lit-ry, 1961. 35 p. (Geroi i podvigi)

KOSTROMA PROVINCE—MEAT INDUSTRY
Building a new industry N Lukianov. Miasn. ind SSSR 32 no 2:21-22 '61.

KOSTROMA PROVINCE—TOMATOES
Kamendrovskii, A. A. [Tomatoes in Kostroma Province] Tomaty v Kostromskoi oblasti. [Kostroma] Kostromskoe knizhnoe izd-vo, 1960. 30 p. (DA)

KOTELNYA DISTRICT—COOPERATIVE SOCIETIES
Our beacon light. P. Semakov Sov. potreb koop 5 no 7-10 Jl '61

KOTOVSKII, GRIGORII IVANOVICH, 1881-1925
Grigorii Kotovskii, the populat hero; on the 80th anniversary of his birth Blok agit. [Sov Armii] no. 18, 34-41 Je '61

KOTOVSKIY DISTRICT—COLLECTIVE FARMS
Under the avalanche of work, in the turmoil of events. . Vakhtang Purtskhvanidze. Smena 38 no 9:22-23 My '61

KOVROV—EXCAVATING MACHINERY
Some defects in excavators made at the Kovrov plant. F. M Brasiavskii, L. Kh Golubchik, T G Motailo. Vekh stroi. 18 no 5 21-22 My '61.

KOZEL'SHCHINA DISTRICT—HOME AND SCHOOL
Our experience in working with parents. M I Sytnyk. Rad shk. 40 no 8 66-67 S '61

KOZHEVNIKOV, ALEKSEI IAKOVLEVICH, 1836-1902
A. IA Kozhevnikov; on the 125th anniversary of his birth G V Arkhangel'skii. Zhur. nevr i psikh. 61 no. 4 606-608 '61.

KRAMATORSK—BAKERS AND BAKERIES—EQUIPMENT AND SUPPLIES
Operating dough leavening machinery in the Kramatorsk Bread Combine. A. N. Sinol', I. A. Morgunov. Khleb. i kond prom. 5 no 6 31-34 Je '61.

KRAMATORSK—MACHINERY INDUSTRY—HYGIENIC ASPECTS
Struggle for health and struggle for the plan. D. Makukhin Okhr. truda i sots strakh 4 no. 6 13-14 Je '61

KRAMATORSK—MACHINERY INDUSTRY—TECHNOLOGICAL INNOVATIONS
Struggle for health and struggle for the plan. D. Makukhin Okhr. truda i sots. strakh 4 no. 6:13-14 Je '61

KRASNICHENKO, ALEKSANDR VASIL'EVICH, 1904-1961
A V Krasnichenko Trakt. i sel'khozmash. 31 no. 8:48 Ag '61

KRASNODAR—HOUSING MANAGEMENT
You neglected your duty, you answer for it. A. Dilliukov, G V Efremov Zhil.-kom. khoz. 11 no. 6:11-12 Je '61.

KRASNODAR—MACHINERY—DESIGN
Students' design office. K. I. Arkhipov. Sred. spets. obr. 6 no 6:54-56 Je '61

KRASNODAR—PRESTRESSED CONCRETE
Manufacture of wire-reinforced concrete articles on the TP-906 unit in Krasnodar P. M Afanas'ev and others Bet. i zhel.-bet. no. 6 254-257 Je '61.

KRASNODAR—PROSTHESIS
"Delays and eyewash" Sots. obesp. 22 no. 6:63 Je '61.

KRASNODAR—TEXTILE INDUSTRY
Staple ball. V. Arakelov. Sov. torg. 34 no. 7:33-35 Jl '61

KRASNODAR PROVINCE—TEACHING
Conferences on methods in technical schools. A. A. Bulyrin. Sred. spets. obr 8 no 7:8-9 Jl '61.

KRASNODAR TERRITORY—APRICOT—VARIETIES
Participation of the young naturalists in the selection of the best varieties of apricot. A S. Zhukov. Biol. v shkole no. 3:63-64 My-Je '61

KRASNODAR TERRITORY—BORING
Bakulin, V. G. [Test well drilling; practice of petroleum workers of the Krasnodar Economic Region] Poiskovoe burenie, opyt neftianikov Krasnodarskogo ekonomicheskogo raiona. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 86 p. (Obmen peredovym tekhnicheskim opytom)

KRASNODAR TERRITORY—EARTHWORK
Earthwork operations in rocky soil B. I. Klimov Stroi truboprov 6 no. 6 19-20 Je '61

KRASNODAR TERRITORY—ECONOMIC CONDITIONS
Kommunisticheskaia partiia Sovetskogo Soiuza [Kuban, the land of great possibilities, a special issue of "Bloknot agitatora" devoted to prospects for the industrial, agricultural, and cultural development of Krasnodar Territory] Kuban' - krai bol'shikh vozmozhnostei, bloknot agitatora. Spetsial'nyi vypusk, posviashchennyi perspektivam razvitiia promyshlennosti, sel'skogo khoziaistva i kul'tury Krasnodarskogo kraia. Krasnodar, Izd-vo "Sovetskaia Kuban'," 1958. 103 p.

KRASNODAR TERRITORY—FARM MANAGEMENT
Goncharenko, V. A. [First steps into the future] Pervye shagi v budushchee. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 110 p. (Reshenia ianvarskogo (1961 g.) Plenuma TsK KPSS - v zhizn')
(DA)

KRASNODAR TERRITORY—MEDICAL SOCIETIES
Report on the work of the Krasnodar Territorial Society of Laboratory Physicians for 1960. L. I. Vadzinskaia Lab. delo 7 no 6 59 Je '61.

KRASNODAR TERRITORY—MUNICIPAL SERVICES
Genuine, business-like patronage. V. Udins, I. Panova Zhil.-kom. khoz 11 no 7 12-13 Jl '61
Residents of Krasnodar Territory help the village. Zhil.-kom. khoz 11 no 5 34 My '61

KRASNODAR TERRITORY—PIPE—WELDING
Testing the PAU-1000 unit. Z A Sheitel'man Stroi. truboprov 6 no 6:18 Je '61.

KRASNODAR TERRITORY—POULTRY HOUSES AND EQUIPMENT
Wide automatic poultry house. D. Polovko. Sel'. stroi. 16 no. 6:8-10 Je '61.

KRASNODAR TERRITORY—PUBLIC HEALTH, RURAL
Leading territory in the construction of public health institutions. K. Kiril'chenko, V Perevertkin Sel'. stroi. 16 no 6,11 Je '61

KRASNODAR TERRITORY—RECLAMATION OF LAND—ECONOMIC ASPECTS
Farm cooperation in land reclamation K. A Zhukovskii Gidr i mel 13 no 7 16-19 Jl '61

KRASNODAR TERRITORY—REPAIR AND SUPPLY STATIONS
Improve working conditions. D. Ignatov Sel' mekh no 7,19-20 '61
Work and people of two repair and supply stations IU. Al'perovich, N Kiselev. Sel'. mekh no 7 22-23 '61

KRASNODAR TERRITORY—RICE—HARVESTING
Economic evaluation of various methods of rice harvesting in Krasnodar Territory N. G Zovtsev, N. I. Kosnikov. Dokl. i soob VNIESKH no 4 137-143 '58

KRASNODAR TERRITORY—RUNOFF
Runoff of small drainage basins in Krasnodar Territory A D. Obukhov Sbor. trud IUzhNIIGiM no. 6:273-275 '58.

KRASNODAR TERRITORY—VETERINARY MEDICINE
Is such a veterinary system necessary? I. IAremenko. Fin. SSSR 22 no. 3:88-89 Mr '61.

KRASNODAR TERRITORY—YEAST
Liquid molasses yeast as a valuable protein feed. M. Rodionovskii. Miasn. ind SSSR 32 no. 3:36 '61.

KRASNOYARSK HYDROELECTRIC POWER STATION
New large hydraulic turbine for the Krasnoyarsk hydroelectric Power Station. M. O. Poretskin. Energomashinostroenie 7 no. 4:48 Ap '61.

KRASNOYARSK RESERVOIR—FISHERIES
Krasnoyarsk Reservoir V. N. Grezo. Izv. VNIORKH 50:213-224 '61

KRASNOYARSK TERRITORY—CONSTRUCTION INDUSTRY
Creating industrial supply bases for construction in Krasnoyarsk Territory. M. Volobievskii. Ekon stroi no. 6:17-23 Je '61

KRASNOYARSK TERRITORY—CUCKOOS
Recent data on birds of Krasnoyarsk Territory. R. L. Naumov, T. E. Burkovskaia. Ornitologiia no. 2:180-183 '59.

KRASNOYARSK TERRITORY—LABOR SUPPLY
After school. A. Chernukhin. Prof.-tekh obr 18 no. 7, 9-10 Jl '61

KRASNOYARSK TERRITORY—NATURAL HISTORY
Krasnoiarskaia kompleksnaia ekspeditsiia. [Natural conditions of Krasnoyarsk Territory] Prirodnye usloviia Krasnoiarskogo kraia. Moskva, Izd-vo Akad. nauk SSSR, 1961. 248 p.

KRASNOYARSK TERRITORY—PALYNOLOGY
Mesozoic spore and pollen complexes from Belogorka, Kas, and Yeloguy key wells in Krasnoyarsk Territory G. N Kurnosova Shor. st po paleont i biostrat no 19 74-100 '60

KRASNOYARSK TERRITORY—PUBLIC HEALTH
For a high level of public health. T. A. D'iachenko. Zdrav. Ros. Feder. 5 no. 7,31-33 Jl '61

KRASNOYARSK TERRITORY—SOIL PHYSICS
Veredchenko, IU. P. [Agrophysical characteristics of soils in the central part of the Krasnoyarsk Territory] Agrofizicheskaia kharakteristika pochv tsentral'noi chasti Krasnoiarskogo kraia. Moskva, Izd-vo Akad. nauk SSSR, 1961. 175 p.

KREMLIN see Moscow—Kremlin

KRESTOVNIKOV, ALEKSANDR NIKOLAEVICH, 1899-
Aleksandr Nikolaevich Krestovnikov; on the 60th anniversary of his birth V. IA. Anosov and others Zhur fiz. khim. 34 no. 2:482-483 F '60

KRIEGSSPIEL see War games

KRIUKOV, DMITRII L'VOVICH, 1809-1845
Philosophical and historical views of D. L. Kriukov [with summary in English, p 186] L. A Kogan Vop filos 15 no 7:98-105 '61.

KRIVOY ROG—BLAST FURNACES
Using precast reinforced concrete elements in erecting large-volume blast furnaces A. N. Velikotskii Prom. stroi 39 no 5 17-19 '61.

KRIVOY ROG—CONSTRUCTION INDUSTRY
Building Krivoy Rog N Perchin, T Sheremet. Stroi i arkhit 9 no. 6:8-10 Je '61

KRIVOY ROG BASIN—IRON MINES AND MINING
How party organizations in the mines of the Krivoy Rog Basin struggled for technological progress during the fourth five-year plan P N Snitko Zhiz st vyki ist. KPRS vuz Ukr RSR 1 102-116 '58
How the party organizations of the Krivoy Rog Iron Ore Basin tried to develop the new forms of socialist competition among miners during the second five-year plan M. M. Matvitchuk Zhiz st vyki ist KPRS vuz Ukr RSR 1:86-101 '58

KRIVOY ROG BASIN—MINING ENGINEERING
Malakhov, G. M., V. M. Kiselev, and A. P. Chetnous. [Working deep-seated ore deposits in the Krivoy Rog Basin] Razrabotka rudnykh zalezhei Krivorozhskogo basseina na bol'shikh glubinakh Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 207 p.

KRIVOY ROG REGION—QUARTZITE—MAGNETIC PROPERTIES
Remanent magnetism of ferruginous quartzites in the southern termination of the Krivoy Rog synclinorium V N Zavoiskii, Z A Kiutikhovskaia. Izv AN SSSR Ser geofiz. no. 8 1150-1157 Ag '61

KROMY DISTRICT—AGRICULTURE
Agricultural conference in Kromy District of Orel Province. N. I. Zhigaev, V. P. Brodnikov. Dokl i soob. VNIESKH no 4 130-136 '58

KRUPSKAIA, NADEZHDA KONSTANTINOVNA, 1869-1939
Creating a "Manual of local lore." A. Kazanskii. Nar. obr. no. 8 74-76 Ag '61.
"Didactics in the pedagogical system of N. K. Krupskaia" by E. I. Rudneva. Book review. Nar. obr. no. 8:101 Ag '61.
N. K. Krupskaia on educational work among adults. A. Kondakov. Nar. obr. no. 8:87-89 Ag '61.
Useful book on the didactic views of N K Krupskaia ("Didactics in the pedagogical system of N. K. Krupskaia" by E I Rudneva. Reviewed by B. P Esipov). Sov. pedag. 25 no. 6,149-150 Je '61

KRYS'KO, TSIMOKH, 1911-
Bountiful talent ("The roll call"; verse by Vasil' Vitka Reviewed by V. Burnosau). Belarus' 18 no. 7:26-27 Jl '61.
Vasil' Vitka's fairy tales. I. Razanau. Nar. aav. no. 5' 81-86 My '61.

KRYUKOVO—CITY PLANNING
The Building and Architecture Council. IA. T. Kravchuk. Izv. ASiA no 1:111-113 '61.

KUANG-CHOU, CHINA—ELECTRIC POWER PLANTS

A master workman from Kuang-chou A Ter-Grigorian Nov vrem 19 no.34 28-29 Ag '61

KUBAN—GAS, NATURAL

With workers' spirit A Marchenko. Zhil -kom khoz 11 no 7 4 Jl '61

KUBAN—LITERATURE—BIBLIOGRAPHY

Krasnodar. Krasnodarskaia kraevaia biblioteka. Bibliograficheskii otdel. [Kuban writers from 1915 to 1958, bibliography] Pisateli Kubani 1945-1958, bibliograficheskii ukazatel'. Krasnodar, Izd-vo "Sovetskaia Kuban'," 1959. 57 p.

[MICROFILM]

KUBAN—SUGAR BEETS—STORAGE

Storage of sugar beets in the Kuban M I Kovernega, G S Zhemlenko Sakh prom 35 no 7 62-64 Jl '61

KUBAN—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

Ivanov, G. P. [In the rear of the enemy; a historical sketch] V tylu vraga; istoricheskii ocherk. Maikop, Adygeiskoe knizhnoe izd-vo, 1959. 189 p.
(MH)

KUDA VALLEY—SWAMPS

Development of swamps and some problems concerning drainage in the Kuda River basin I. N Uglanov Trudy Irk un 24 99-114 '58

KUDA VALLEY—WATER, UNDERGROUND

Hydrogeological regions of the Kuda River basin I N Uglanov Trudy Irk un 24 115-123 '58

KUGITANG-TAU—GALLIUM

Presence of gallium in the rocks of Kugitang N. S. TSepelev, N. S. Ibragimov, K. Kuliev Izv. AN Turk SSR Ser. fiz. -tekh , khim. i geol. nauk no 3 106-110 '61

KUGITANG-TAU—LIZARDS

Distribution of the Himalayan agama in Turkmenistan. O. P. Bogdanov Izv. AN Turk SSR Ser biol nauk no 2 84-85 '61

KUGITANG-TAU—ORE DEPOSITS

Ore types of Kugitang, their distribution throughout the cross section and role of the lithological control of mineralization IU S Spivak Izv. AN Turk. SSR Ser fiz -tekh , khim. i geol nauk no 3 80-85 '61.

Paragenetic associations in ore occurrences on the western slope of the Kugitang Range. IU S Spivak Izv. AN Turk SSR. Ser. fiz -tekh , khim. i geol nauk no. 3 74-79 '61

KULAGINA, TAMARA KONSTANTINOVNA

One of many A. Solontsov. Bibliotekar' no. 7-57-58 Jl '61

KULEBAKI—CRANES, DERRICKS, ETC.

Crane jib for assembly operations. V. I. Tikhvinskii, A. F. Galochkin, S. N. Kochetkov Mont. i spets rab v stroi 23 no 7.26 Jl '61

KULIKOV, ROMAN PETROVICH, 1897-1918—FICTION

Kopylov, A. I. Roman Kulikov. [Arkhangel'sk] Arkhangel'skoe knizhnoe izd-vo, 1959. 86 p.
(MH)

KULUNDA STEPPE—WATER SUPPLY

Abramovich, D. I. [Waters of the Kulunda Steppe] Vody Kulundinskoi stepi. Novosibirsk, Izd-vo Sibirskogo otd-nila AN SSSR, 1960. 211 p

KUMA VALLEY—GEOLOGY, STRATIGRAPHIC

Tectonics of the Cretaceous sediments in the Terek-Kuma Plain A. E. Salamatin. Trudy VNIGNI no. 32:100-

TERNAL AND INFANT WEL-

There are undisputable advantages. E. Mikheev. Sots. obesp 22 no. 7 23 Jl '61.

KUNASHIR ISLAND—MINERAL WATERS

Use of water from the Kislyy Klyuch mineral spring on Kunashir Island A. S. Shatyrko. Vop. kur , fizioter i lech fiz kul't. 26 no. 3 257-258 My-Je '61

KUNGEI ALA-TAU—PALEOBOTANY, STRATIGRAPHIC

Plant remains from Neogene deposits of the Kungey Ala-Tau. V. S. Kornilova. Mat. po ist. fauny i flory Kazakh. 3-74-93 '61.

KUNLUN MOUNTAINS—PHYSICAL GEOGRAPHY

[Kunlun and Tarim; studies of natural conditions] Kun'lun' i Tarim; ocherki prirodnykh uslovii. Moskva, Izd-vo Akad. nauk SSSR, 1961. 211 p.

KUNTSEVO (POLTAVA PROVINCE)—SEDIMENTS (GEOLOGY)

Occurrence of marine sediments in the Poltava stage at Kuntsevo, Poltava Province, Ukrainian S. S. R. G. A. Belosel'skaia, I. N. Remizov. Izv. vys. ucheb. zav., geol. i razv. 3 no. 6-127-131 Je '60.

KUNYA-URGENCH DISTRICT—FORAGE PLANTS

Experimental forage crop plantations in Kunya-Urgench District S. O. Ovezmuradov, G. G. Lomov Izv AN Turk SSR Ser biol nauk no 2 71-78 '61.

KUPALA, IANKA, pseud see Lutsevich, Ivan Dominikovich, 1882-1942

KURA-ARAS LOWLAND—BIRDS

Quantitative estimation of the bird population of open landscapes A. M. Chel'tsov-Bebutov. Ornitologiia no. 2-16-27 '59.

KURGAL'DZHIN REGION—SWALLOWS

Behavior of bank swallows during cold spells. I. A. Krivitskii, E. T. Il'enkov Priroda 50 no 8-127 Ag '61

KURGAN—YEAST

Work experience of the Kurgan Yeast Factory. IU. I. Syaoeva. Khleb i kond prom 5 no 7-35-36 Jl '61

KURGAN PROVINCE—INSURANCE, SOCIAL

Facts and figures P. Mukhin. Sots obesp 22 no. 7-38 Jl '61

KURGAN PROVINCE—PHYSICALLY HANDICAPPED—REHABILITATION

Fortitude. V. Pashin. Sots. obesp. 22 no. 8-42-43 Ag '61.

KUR'I—HEALTH RESORTS, WATERING PLACES, ETC.

Pluses and minuses I Galashov. Okhr. truda i sots strakh. 4 no 7 10 Jl '61.

KURILE ISLANDS—DESCRIPTION AND TRAVEL

Pushkar', A. I. [Kurile Islands] Ostrova Kuril'skie. IUzhno-Sakhalinsk, Sakhalinskoe knizhnoe izd-vo, 1960. 174 p.

KURSK PROVINCE—ALGAE, FOSSIL

First find of the subgenus Trochiliscus (Karpinskya) Croft in Devonian deposits of the Russian Platform R. B. Samoilova. Dokl AN SSSR 139 no 1 206-207 Jl '61

KURSK PROVINCE—BIOLOGY—STUDY AND TEACHING

Don't separate students' agricultural work from their knowledge of biology. V. S Pletnev Biol v shkole no 4-46-50 Jl-Ag '61.

KUSHKA REGION—PETROLOGY

Petrographic and mineralogical characteristics of Paleogene deposits in the Kushka region, Turkmenistan E. A Shabaeva. Dokl AN SSSR 139 no 1;180-183 Jl '61.

KUSHVA DISTRICT—DIET

Iodine content of food products and the pattern of nutrition in one of the mild of endemic goiter [with summary in English] IU. N Eremin Vop. pit 20 no 4 37-40 Jl-Ag '61

KUSTANAY—GRAIN ELEVATORS

Economic effectiveness of continuous grain processing the Kustanay Transshipment Base. I. Diadiusha. Muk.-elev prom 27 no 8,15-16 Ag '61

KUTAIS—ELECTRIC MACHINERY INDUSTRY

The leaders of workers. D. Svanadze. Part. zhizn' no 15/16,132-134 Ag '61

KUWAIT

Kuwait Mezhdunar. zhizn' 8 no. 9:153-154 S '61.

KUYBYSHEV—AGGREGATES (BUILDING MATERIALS)

Pneumatic transportation of keramzit. A. M. Krestnikov Stroi. mat. 7 no 6-28 Je '61

KUYBYSHEV—CORN (MAIZE)

Corn and vegetable marrow A Gromadchenko IUn nat no 6 3 Je '61

KUYBYSHEV—CRANES, DERRICKS, ETC.

Efficient method of assembling transshipment cranes. A S Mozhaiskii Mont. i spets. rab. v stroi 23 no. 6; 26-27 Je '61

KUYBYSHEV—DAY NURSERIES

Prompted by life. M. Sinitsyn. Zdorov'e 7 no. 6;27-28 Je '61

KUYBYSHEV—HOUSING

This was not necessary Zhil. -kom. khoz. 11 no. 7;13 Jl '61.

KUYBYSHEV PROVINCE—INSURANCE, SOCIAL

Both forms are justified I. Platitsyn. Sots. obesp. 22 no. 7.41-42 Jl '61.

KUYBYSHEV PROVINCE—VILLAGES

Town meetings. V. IUnevichtus. Sov. deput. trud. no. 8;41-45 Ag '61.

KUYBYSHEV RESERVOIR—FISHERIES

Kuybyshev Reservoir. A. V. Lukin Izv. VNIORKH 50: 62-76 '61.

KUZ'MINA, ANTONINA ANTONOVA, 1877-1961

Kuz'mina, Antonina Antonovna [obituary]. Nach. shkola 29 no. 7 96 Jl '61

KUZNETSK ALA-TAU—IRON ORES

Geology of the Izykh-Gol'skoye iron deposit (Kuznetsk Ala-Tau) [with summary in English]. S. M. Nikolaev Geol. i geofiz. no. 6;74-82 '61.

KUZNETSK ALA-TAU—MELILITE

Recent finds of rocks containing melilite and monticellite in alkaline massifs of the Kuznetsk Ala-Tau A V Bor Dokl AN SSSR 139 no 3;699-701 Jl '61

KUZNETSK ALA-TAU—MONTICELLITE

Recent finds of rocks containing melilite and monticellite in alkaline massifs of the Kuznetsk Ala-Tau A V Bor Dokl AN SSSR 139 no. 3,699-701 Jl '61

KUZNETSK BASIN—BUILDING MATERIALS

Knigina, G. I. [Building materials made of waste rock from the Kuznetsk Basin] Stroimaterialy iz gorelykh porod Kuzbassa. [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1960. 127 p.

KUZNETSK BASIN—COAL MINES AND MINING

Extraction of coal without men in the Kuznetsk Basin A Shirokov. Sov. shakht 10 no. 1 20-21 Ma '61

KUZNETSK BASIN—COAL MINING MACHINERY

Results of the testing of the A-3 mining machine unit in the Kuznetsk Basin. S. T. Kuznetsov, A. M. Dolinskii, F. P. Glushikhin. Ugol' 36 no. 6-30-33 Je '61

KUZNETSK BASIN—KILNS

Studying the process of firing chrome-magnesite article in a gas chamber kiln with the help of a model. N. N Korneva. Ogneupory 26 no. 6-255-261 '61.

KUZNETSK BASIN—MONTMORILLONITE

Montmorillonite rocks of the Ishanova subseries in the Zalomnaya Depression of the Kuznetsk Basin L. P Alekhina. Trudy SNIIGGIMS no. 9 62-66 '60.

KUZNETSK BASIN—PETROLEUM GEOLOGY

Oil and gas potentials of the Kuznetsk Basin O G Zhel Trudy SNIIGGIMS no 9 76-86 '60

KYAKHTA DISTRICT—SILLIMANITE

Morphological variations in sillimanite from Kyakhta deposits. V. I. Kol'bakh. Izv. vys. ucheb. zav., geol. i razv. 3 no. 6 84-89 Je '60.

Sillimanites from metamorphic rocks in Kyakhta District. G. D. Feoktistov Zap Vost -Sib otd Vses min. ob-va no 1-114-118 '59.

KYMOGRAPHY

Roentgenokymographic examination of the heart during radioactive iodine treatment for thyrotoxicosis. F. V. Budagova. Vest rent. i rad. 36 no. 3-58-59 My-Je '61

KYZYL KUM—WATER, UNDERGROUND

Geothermal conditions of underground waters in the Nebit-Dag and Kyzyl Kum oil and gas fields. S. S Dzhibuti Izv. AN Turk. SSR. Ser. fiz. -tekh , khim. i geol nauk no. 3,125-126 '61

KZYL-ORDA PROVINCE—BIRDS

Recent data on the bird fauna of the lower Syr Darya Valley [with summary in English]. V. M. Antipin. Zool. zhur. 40 no. 7;1104-1106 Jl '61.

LABOR, COMPLICATED

Labor in women with heart defects. L. V. Vanina Fel'd i akush 26 no 6 6-7 Je '61.

LABOR AND LABORING CLASSES

(see also subdivision under France; Iran; Italy; Latin America; Spain; Syria; Ukraine)

A conference of the group for studying the history of the Russian proletariat Ist. SSSR 5 no. 4;228-229 Jl-Ag '61.

Ivnitskaia, T. V. [Publications of documents on the history of the working class of the U. S. S. R., 1918-1920] Publikatsii dokumentov po istorii rabochego klassa SSSR, 1918-1920 gg. Moskva, Glav. arkhiv. upravlenie SSSR, 1960. 71 p.
(MH)

Kirillov, I. A. [Present-day development of the technical qualification and culture of Soviet workers] Pod'em kul'turno-tekhnicheskogo urovnia trudiashchikhsia v sovremennykh uslovilakh. Moskva, Izd-vo "Znanie," 1961. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 1, Istoriia, no. 11)

Kondakova, N. P. [He who does not work does not eat] Kto ne rabotaet-tot ne est. [Moskva] Mosk. rabochii, 1961. 29 p.

Markov, I. S. [Beginning of the labor movement and spread of Marxism in Russia; 1883-1894] Nachalo rabochego dvizhenila i rasprostranenie marksizma v Rossii 1883-1894 gg., lektsiia. Otv. red. A. G. Lipkina. Moskva, M-vo vysshego i srednego spetsial'nogo obrazovaniia RSFSR, 1960. 27 p.
(MH)

LABOR AND LABORING CLASSES (Continued)

The role of Soviet workers in the formation of the managerial class in socialist industry, from 1917 to 1936 V Z. Drobizhev Ist SSSR 5 no 1 55-75 Jl-Ag '61

The Soviets in the struggle to strengthen the union of the working class and the peasantry during 1926 and 1927, on M I. Kalinin's activity as the Chairman of the Central Executive Committee of the U S S R and the All-Union Central Committee [with summary in English] V. A Shustov Vest. LGU 16 no 14 19-31 '61

Throw the war torch on a junk pile, E, Shuhukin, Sov. profsoiuzy 17 no. 14:41-43 Jl '61.

Trade union draft operating program for defending the workers' interests and rights at the present-day stage, Sov profsoiuzy 17 no 16 10-24 Ag '61

[Who does not work but eats] Kto ne rabotaet, a est; sbornik. [Kaliningrad] Kaliningradskoe knizhnoe izd-vo, 1960. 59 p.

Zaborodnii, V. I. [Improvement of the welfare of the Soviet people] Zrostannia dobrobutu radians'koho narodu, Kyiv, 1961. 46 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 3, no. 2)

LABOR AND LABORING CLASSES—DWELLINGS

New houses for the millions. Blok.agit. [Sov. Armii] no. 17 42-43 Je '61.

Residential construction is a very important part of the soviets' work. Sov. deput. trud. no. 8 3-8 Ag '61.

LABOR AND LABORING CLASSES—EDUCATION
(see also subdivision under Poland; Sverdlovsk)

Studying on official leave. V. Kalrukshtis. Sov. profsoiuzy 17 no. 13 43 Jl '61.

LABOR AND LABORING CLASSES—MEDICAL CARE
see subdivision under Belgorod Province, Ivanovo Province

LABOR AND LABORING CLASSES IN LITERATURE

Vlasenko, V. P., and A. O. Kovtunenko. [Working class in Soviet Ukrainian prose of the 1920's and 1930's] Robotnychyi klas v ukrains'kii radians'kii prozi 20-30-kh rokiv. Kyiv, Vyd-vo Akad. nauk URSR, 1960. 206 p.

LABOR COURTS

In the Moscow plant of small automobiles. V. Kuz'min. Sov just no 14 20-21 Jl '61.

Mil'man, A. Sh. [Fellow workers' courts and their role in the maintenance of law and order] Tovarishcheskie sudy i ikh rol' v okhrane obshchestvennogo poriadka. Baku, Azerbaidzhanskoe gos. izd-vo, 1961. 30 p.

Regulations on fellow workers' courts. Sov. deput. trud. no. 8:99-100 Ag '61.

Regulations on fellow workers' courts Sov. just. no. 14 26 28 Jl '61

LABOR DISPUTES see subdivision under Austria; France

LABOR JOURNALISM see Journalism, Labor

LABOR LAWS AND LEGISLATION
(see also subdivision under Greece)

Discussing the "Soviet labor law" textbook S. K. Sov. gos. i pravo 31 no 2 136-140 F '61

Follow-up on our articles. Okhr. truda i sots. strakh. 4 no. 7 40 Jl '61.

Forest workers should come under the general standard of labor laws A. A. Moskalenko, N. I. Kolchigin Okhr. truda i sots. strakh. 4 no 6:30-31 Je '61.

Legal protection of the rights of factory, plant, and local committees. G Mutsinov, V. Nikitinskii. Sov. just no. 14 22-23 Jl '61

Let's effectively protect the labor rights of the Soviet people Sov. just. no 14 1-2 Jl '61

Replies to readers. L. Kubiak. Sov. potreb. koop. 5 no 8 31 Ag '61

Soviet labor law in the period of the large-scale building of communism. Sov. gos. i pravo 31 no. 8 3-16 Ag '61

"V. I. Lenin on labor laws." Reviewed by IU. P. Orlovskii. Sov. gos i pravo 31 no. 2:157-160 F '61.

LABOR PARTY (GREAT BRITAIN) see Great Britain—Labor Party

LABOR PRODUCTIVITY
(see also subdivision under Hungary)

Automation and labor productivity. I. A. Mashinskii. Khim. prom. no. 7:504-506 Jl '61.

Labor productivity in the industry of the U. S. S. R. and capitalist countries. P. Khromov. Vop ekon. no. 8: 49-60 Ag '61.

Matveev, B. G. [How to increase labor productivity in an enterprise] Kak povysit' proizvoditel'nost' truda na predpriiatii. Moskva, Gos. izd-vo polit. lit-ry, 1961. 39 p.

Method of calculating labor productivity in a thermal electric power station construction trust. A. A. Karatashian, I. A. Karpushin, I. T. Kuz'minov. Mont. i spets rab. v stroi. 23 no. 6:20-22 Je '61.

Method of measuring and calculating labor productivity. S. Reznikov. Ekon. stroi. no 7:66-68 Jl '61.

Planning and accounting of labor productivity in the sugar industry V K. Urachkovskii Sakh prom 35 no 7 58-59 Jl '61

Pollakov, I. A. [Ways to increase labor productivity in industrial plants] Puti povysheniia proizvoditel'nosti truda na promyshlennykh predpriiatiiakh. Moskva, Gosplanizdat, 1961. 61 p. (V pomoshch' propagandistam i slushatelam seti partiinogo prosveshcheniia)

Technical aesthetics and the culture of production. V Nizhegorodtsev. Sov. profsoiuzy 17 no. 15 28-30 Ag '61.

Using economic and statistical analysis methods for calculating a long range increase of labor productivity B Braginskii, D Karpukhin Plan. khoz 36 no 8 52-59 Ag '61.

LABOR SERVICE

Kulyshev, IU. A., and L. S. Rogachevskaia. [The first brigades of shock workers] Pervye udarnye. Moskva, Gos. izd-vo polit. lit-ry, 1961. 134 p. (Iz istorii Sovetskoi Rodiny)

LABOR SUPPLY
(see also subdivision under Krasnoyarsk Territory)

The Communist Youth League commits its members to work in distant regions. Blok.agit. [Sov. Armii] no. 17 44-46 Je '61.

Indispensable and surplus labor under socialism. A Agevnin Vop. ekon no. 7 72-79 Jl '61.

They are ready to start their valiant work A. Makridin, I. Kulikov Komm Vooruzh Sil 1 no. 1:61-65 O '60

LABORATORIES—EQUIPMENT AND SUPPLIES

School laboratory equipment for studying the strength of materials. V V Bogdanov, A V. Bushuev, G K. Blinchevskii. Sred. spets obr. 6 no 7:18-23 Jl '61.

LACRIMAL ORGANS—SURGERY

New modification of an operation in ectropion palpebrae and eversion of the lower lacrimal punctum B F Cherkunov. Oft. zhur 16 no. 4 245-247 '61

LACTATES

Ion exchange method for the determination of the composition and instability constants of Am^{III} and Cm^{III} lactate complexes. I. A. Lebedev, G. N. IAkovlev. Radiokhimiia 3 no. 4 455-467 '61.

LACTATION

Effect of thyroidin on the milk yield of buffaloes [in Azerbaijani with summary in Russian]. M. G. Aliev. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 4:81-89 '61.

Nursing mothers. I. P. Elizarova. Zdorov'e 7 no. 6: 14-15 Je '61.

LACTIC ACID

Mechanism of the elution of macroquantities of rare earth elements by means of lactic acid A I Kamenev, L I Martynenko, G K. Eremin. Zhur. neorg. khim 6 no 7:1726-1727 Jl '61.

LACTIC ACID—PHYSIOLOGICAL EFFECT

Influence of lactic acid on the function of the myocardium in frogs [with summary in English]. A. A. Mazurok. Fiziol. zhur. 46 no. 3:320-332 Mr '60.

LACTIC ACID BACTERIA

Experiments with lactic acid bacteria in the production of smoked sausages. A. Starostin, V. Novichkov, O. IAkimova Mias. ind. SSSR 31 no 4:21-22 '60.

Some characteristics of changes in the properties of lactic acid bacteria due to the action of gamma rays emitted by radioactive Co^{60}. E. I. Kvasnikova, A. G. Grinevich, E. A. Pantiukhina. Trudy Inst. mikrobiol. no. 10:82-88 '61.

Using the strain Lactobacterium plantarum no. 11 for the preparation of silage starters. N. I. Leonov, I. G. Pivnik Biul. nauch. -tekh. inform. VIZH no 1:17-20 '58.

LADOGA LAKE REGION—DIATOMS

Characteristics of diatoms from bethic deposits of the Ladoga Lake N. N. Davydova. Bot. zhur. 46 no. 5: 722-726 My '61.

LADOGA LAKE REGION—GEOLOGY, STRATIGRAPHIC

More about the relationship between the Jatulian and Ladogian formations in the northern Lake Ladoga region. N. F. Demidov, V. A. Sokolov. Trudy Kar. fil. AN SSSR no. 26:112-116 '61.

LAKES

Estimating the role of accidental variations of the water balance and level fluctuations in landlocked lakes. O A. Drozdov, T. V Pokrovskaia Meteor. i gidrol. no. 8: 43-48 Ag '61.

Thermal conditions of ground under lakes in the Igarka region S. G. TSvetkova. Mat. i osn. izuch. o merz. zon zem. kory no. 7:36-65 '61.

LAMBLIASIS see Giardiasis

LAMBS

Effect of diethylstilbestrol on weight gains in fine-wool lambs. G R. Litovchenko. Zh. G. Shmerling. Biul. nauch. -tekh. inform. VIZH no. 1:40-42 '58

Peculiarities in the influence of the vegetative nervous system on cardiac function in Astrakhan lambs [with summary in English]. R. L. Mitropolitanskaia. Fiziol. zhur. 46 no. 3 318-325 Mr '60.

LAMELLIBRANCHIATA see subdivision under Soviet Far East

LAMELLIBRANCHIATA, FOSSIL see subdivision under Anabar Bay region, Siberia

LAMINAR FLOW

Circular flow around objects with arbitrary profiles. V. I. Mikuta, B G Novikov. PMTF no 3:97-101 S-O '60

Integrals involved in the problem of unsteady flow around a blanket. I. I. Kulabukhova Izv. vys uchob zav., mat no. 3:49-55 '61

LAMINATED METALS

Bimetallic motor cylinders for motorcycles K I Vashchenko Lit proizv no. 8:16-18 Ag '61.

LAND

Economic evaluation of land. S D. Cheremushkin Dokl i soob VNIESKH no 4 10-21 '58.

LAND TENURE
(see also subdivision under China; Kazakhstan; Latin America)

Akademiia nauk SSSR. Institut istorii. [Documents of feudal land tenure and economy] Akty feodal'nogo zemlevladeniia i khoziaistva. Sost. L. V. Cherepnin. Moskva,
Pt. 3. 1961. 441 p.

The centenary of the abolition of serfdom in Russia Ist. SSSR 5 no 4 229-231 Jl-Ag '61

Theoretical results of the Kiev session of the Conference on the Agrarian History of Eastern Europe. A N Anfimov and others Vop ist. no 7, 115-127 Jl '61

LAND TENURE—LAW

Erofeev, B. V., and L. G. Golovacheva. [Soviet land law] Sovetskoe zemel'noe pravo. Otv. red. M. S. Lipetskor. Moskva, Vses. iurid. zaochnyi in-t, 1960. 197 p.

LANDFORMS

Taking into account heat and moisture correlation in conducting studies for making medium-scale maps of landforms V. S Preobrazhenskii, N V Fadeeva, L. I. Mukhina Izv AN SSSR Ser. geog no. 4:104-110 Jl-Ag '61

LANDLORD AND TENANT see subdivision under Lebanon

LANDSCAPE ARCHITECTURE see subdivision under Khabarovsk, Moscow Province; Ul'yanovsk; Yaroslavl; Zernograd

LANDSCAPE GARDENING
(see also subdivision under Estonia; Kislovodsk; Leningrad; Moscow; Sverdlovsk, Zhdanov)

Friends of landscape gardening L. Lanta. Sov shakht. 10 no. 3 45-46 Mr '61.

A garden? No, it is a factory. L. Kruglov. Okhr. truda i sots. strakh. 4 no 7:29 Jl '61.

News in landscape gardening Zhil -kom. khoz. 11 no 7 35 Jl '61

LANDSCAPE GARDENING—EQUIPMENT AND SUPPLIES

New machinery for gardens and parks. Zhil -kom. khoz. 11 no. 5:18-19 My '61.

LANDSLIDES

Shakhuntiants, G. M., and others. [Landslide protection on railroads of the U. S. S. R.] Opyt bor'by s opolznianiami na zheleznykh dorogakh SSSR. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 183 p. (Moscow. Moskovskii institut inzhenerov zheleznodorozhnogo transporta. Trudy, no. 211)

LANGUAGE AND LANGUAGES

Dissertations on Germanic and Romance philology and methods of teaching foreign languages defended in 1958-1960 Inostr. iaz. v shkole no. 3 125-126 My-Je '61.

[What is new in linguistics] Nov. v ling. no. 1 '61.

What is structural linguistics IU. D Apresian. Inostr iaz. v shkole no. 3, 82-96 My-Je '61

LANGUAGE AND LANGUAGES—AUDIO-VISUAL AIDS

New materials on the use of technical aids in teaching foreign languages abroad. A. S. Lur'e. Inostr. iaz. v shkole no 3 104-110 My-Je '61.

Use of type in working with the epidiascope. V. N. Shokurov. Inostr. iaz. v shkole no. 2, 47-51 Mr-Ap '61.

LANGUAGE AND LANGUAGES—BIBLIOGRAPHY see Bibliography—Language and languages

LANGUAGE AND LANGUAGES—CONGRESSES

International seminar on bilingualism in education. G. Serdiuchenko. Sov pedag. 25 no. 7:154-156 Jl '61.

LANGUAGE AND LANGUAGES—STUDY AND TEACHING

Combined exercises for the study of oral speech. B. A. IApldus. Inostr. iaz. v shkole no.2 22-29 Mr-Ap '61.

Development of speech skills and habits in connection with synthetic reading M L Vaisburd Inostr iaz v shkole no 3 35-43 My-Je '61

Editor's mail Inostr iaz v shkole no 3 75-81 My-Je '61

Evening dedicated to the 90th anniversary of V. I. Lenin's death Inostr. iaz. v shkole no 2 88-89 Mr-Ap '61

Improving the qualifications of foreign language teachers D D Bulaev Inostr iaz v shkole no 3 121-124 My-Je '61

International School Club. Inostr. iaz v shkole no 2 91 Mr-Ap '61

Learn foreign languages. S. Orlov, V. Konoplianik. Voen. vest. 40 no.4 67-69 Ap '61.

"Manual for foreign language teachers." M A. Levina Inostr iaz. v shkole no 2 95-96 Mr-Ap '61

"Pedagogical lectures" of 1961 Inostr iaz v shkole no 2 121-125 Mr-Ap '61.

System of foreign language lessons I D Salistra Inostr iaz v shkole no 3 26-35 My-Je '61

Third interuniversity conference on the methods of teaching foreign languages N Missiura, N Smirnova Inostr iaz v shkole no 3 119-120 My-Je '61

Veselov, D. P., and L. I. Zil'berg, eds. [Teaching foreign languages, collection of articles] Iz opyta prepodavaniia inostrannykh iazykov, sbornik statei. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 148 p.

LANGUAGES—PHILOSOPHY

How V I Lenin's book "Materialism and empiric criticism" helps to understand the problem of truth in formalized languages A N Knigin Trudy TGU 149 41-47 '60

LANGUAGES, MODERN—STUDY AND TEACHING

They study foreign languages in our library A Shubin Bibliotekar' no 8 52-53 Ag '61

LANSERE, EVGENII EVGEN'EVICH, 1875-1946

Talent and time A. Goncharov Ogonek 30 no. 27:8 Jl '61

LANTHANUM CARBONATE

Thermogravimetric analysis in chemistry Report No 3 Thermogravimetric study of lanthanum carbonate [with summary in English] IU S Skliarenko, I S Skliarenko T M. Chubukova Zhur anal khim 16 no 4 417-421 Jl-Ag '61

LANTHANUM COMPOUNDS

Complex formation of lanthanum. N. S. Vagina Zhur. neorg khim 6 no 7,1565-1568 Jl '61

Coprecipitation of cerium and lanthanum with potassium sulfate. V. I. Grebenshchikova, V. N. Bobrova. Radiokhimiia 3 no. 4 377-383 '61.

LANTHANUM OXALATE

Composition and solubility of lanthanum and yttrium oxalates. R. V. Bryzgalova, I. V. Chernitskaia. Radiokhimiia 3 no. 4 478-485 '61.

Composition and solubility of lanthanum oxalate in solutions of different composition. V. I. Grebenshchikova, R. V. Bryzgalova, I. V. Chernitskaia. Radiokhimiia 3 no. 4 486-489 '61.

LAOS—POLITICS AND GOVERNMENT

The Geneva Conference of Laos. M. Egorov. Mezhdunar zhizn' 8 no. 9:55-63 S '61.

I was in Sala Fukun Jean-Émile Vidal Az. i Afr. seg no 7 26-28 Jl '61

LAPLACE TRANSFORMATION

Laplace transform in a space of straight lines. N. V. Stepanov. Izv. vys. ucheb. zav.; mat. no 3 127-135 '61

Some threshold relations for a bilinear Laplace transformation and their uses. V M Chernov Izv vys ucheb zav., mat. no 4 125-136 '61

LARCH

Grading larch seeds I. K. Korolenko. Les khoz 14 no 7:69 Jl '61

LARD

(see also subdivision under Lugansk)

Physicochemical properties of lard. N. Nakonechnyi. Mias. ind SSSR 32 no. 1:55-57 '61.

LARKSPUR

Maltutin, N. I. [Perennial larkspurs] Mnogoletnie del'finiumy. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1960. 66 p. (DA)

LARVAE—AMPHIBIA

Recent data on the role of hypothalamic neurosecretions in the regulation of amphibian metamorphosis. A. A Voitkevich Nauch dokl vys shkoly, biol nauki no. 3, 68-72 '61

LARVAE—INSECTS

Specific identification of larvae of Cricotopus Gr. silvestris Fabr (Diptera, Chironomidae). O. N. Zezina Nauch dokl vys. shkoly, biol nauki no. 3:30-34 '61

LARYNX—INNERVATION

Activity of the deglutition and respiratory centers during excitation of the superior laryngeal and vagus nerves under hyperventilation and exsanguination [with summary in English]. G. IA. Pritima, V. A. Minkina Fiziol. zhur. 46 no. 3, 305-309 Mr '60

LARYNX—INTUBATION

Chudnosovetov, V. A., and M. D. Emel'ianov. [Intubation and its use in diphtheria of the larynx] Intubatsiia i ee primenenie pri difterii gortani. Makhachkala, Dagestanskoe knizhnoe izd-vo, 1960 115 p. (DNLM)

LATHES

Multipurpose mandrel cutting-tool holder A Belugin Mashinostroitel' no 8 26 Ag '61

A skillful mechanic. V Kvit Les. khoz. 14 no. 7: 78-80 Jl '61

LATHES—ATTACHMENTS

Attachment for matching index pins for cup-shaped cutters. IU I. Kravchenko. Sbor. rats. predl. vnedr. v proizv. no. 2 62-64 '61.

Eliseev, E. N. [Automatic attachment for machining stepped rolls on the 1A62 lathe] Avtomaticheskoe ustroistvo dlia obtochki stupenchatykh valikov na stanke 1A62. Leningrad, 1961 17 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom Seriia Mekhanicheskaia obrabotka metallov, no. 7)

Milling attachment for lathes I. P Kozyr', A. A. Nelipovich Sbor. rats predl. vnedr. v proizv no 1:53 '61

LATHES—NUMERICAL CONTROL

Numerically controlled lathes. I M. Kucher. Mashinostroitel' no. 7 13-15 '61.

Taz'ba, Sh. L., and A. I. Ushakov. [Using program control in the automation of a turret lathe] Avtomatizatsiia revol'vernogo stanka s primeneniem programmnogo upravleniia. Leningrad, 1961, 24 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Modernizatsiia, avtomatizatsiia i remont oborudovaniia, no. 2)

Working out a program for numerically controlled lathes. M. E. Barskii. Mashinostroitel' no 7 17-19 '61.

LATHES—TECHNOLOGICAL INNOVATIONS

Automation of the 1I6 multicut lathe M O Pezik. Mod. metallorezh stan no 16 3-7 '60

Mechanizing finishing operations on automatic single-spindle lathes Mod. metallorezh. stan. no. 16, 12-16 '60.

Mechanizing manual operations on lathes Mod. metallorezh stan no. 16 22-23 '60

Modernizing lathes for superfinishing cylindrical parts. Mod metallorezh stan no 16 32-34 '60

Modernizing the mechanism for turning and fixing the turret head of the 1336 turret lathe Mod metallorezh. stan. no. 16 26-31 '60

Modernizing the spindle unit of the S-193 lathe Mod. metallorezh stan no 16 31-32 '60.

LATIN AMERICA—AGRICULTURAL WORKERS—CONGRESSES

Plantation workers have conducted their first conference. Vsem prof. dvizh no. 6 15-18 Je '61

LATIN AMERICA—ECONOMIC CONDITIONS

The fruitful results of cultural cooperation ("Latin America in its past and present" Reviewed in English by M A. Okuneva Vest ist mir kul't no 3 149-154 My-Je '61

Latin America in figures. Mezhdunar. zhizn' 8 no. 8: 140 Ag '61.

The rate of growth and crisis in the Latin American economy. Maurice Halperin. Mir. ekon. i mezhdunar. otn. no. 7, 61-65 Jl '61.

LATIN AMERICA—FOREIGN ECONOMIC RELATIONS—UNITED STATES

Imperialism and the ideology of national reform in Latin America. A. Shul'govskii. Mir. ekon. i mezhdunar. otn. no. 8:45-59 Ag '61.

LATIN AMERICA—HISTORY

The fruitful results of cultural cooperation ("Latin America in its past and present." Reviewed in English by M. A. Okuneva. Vest ist mir. kul't. no 3 149-154 My-Je '61.

LATIN AMERICA—LABOR AND LABORING CLASSES

The workers of Latin America struggle. Vsem. prof. dvizh. no. 2:14-15 F '61

LATIN AMERICA—LAND TENURE

Plantation workers have conducted their first conference. Vsem prof. dvizh. no 6:15-18 Je '61.

LATIN AMERICA—POLITICS

Imperialism and the ideology of national reform in Latin America. A. Shul'govskii. Mir. ekon. i mezhdunar. otn. no. 8:45-59 Ag '61.

LATIN AMERICA—TECHNICAL ASSISTANCE, AMERICAN

The failures of Washington in the struggle against Cuba. M Kruglov Nov vrem. 10 no 35, 11-13 Ag '61

LATIN AMERICA—TRADE UNIONS

Latin America forges ahead in unifying trade unions Rubens Iscaro Vsem. prof dvizh no 2 11-13 F '61.

LATITUDE

Analyzing two variants of the Talcott method [dealing from the theory of the astronical universal M G Kogan. Trudy MIIGAIK no 44:97-100 '61.

LATTICE THEORY

Microstructural strains resulting from thermal anisotropy. V. A. Likhachev Fiz tver. tela 3 no 6 1827 1831 Je '61

Remarks on central forces in crystals. V. A. Zhdanov, V. M Rubtsov. Izv vys. ucheb. zav., fiz no 1 165 165 '61.

Temperature effect on the creep strength of metals with body-centered cubic lattices N. N. Davidenkov, B. L Smirnov, V. D IAtoshevich Fiz. tver tela 3 no 6 1731-1734 Je '61.

LATVIA—DRAINTILES

Manufacture of drain pipes for rural constructions. N. N Bolotov. Strol. mat. 7 no 7:21-24 Jl '61.

LATVIA—ELECTRIC POWER DISTRIBUTION

Concerning some problems in the development of a 20 kv. electric power distribution network in the Latvian S. S. R. B. S. Shulov. Energetik 9 no. 3:3-6 Mr '61.

LATVIA—MORTALITY

Construction of tables illustrating the mortality rate in the Latvian S. S. R. IA Rudzat. Vest. statist no 7 35-40 '61.

LATVIA—PEASANTRY

Terent'eva, L. I. [Collective-farm peasantry of Latvia, a historical and ethnographical monograph based on materials for the collective farms of the Jekabpils District of Latvia] Kolkhoznoe krest'ianstvo Latvii, istoriko-etnograficheskaia monografiia po materialam kolkhozov Ekabpilsskogo raiona Latvilskoi SSR. Moskva, Izd-vo Akad. nauk SSSR, 1960. 370 p. (DBC)

LATVIA—RESINS, SYNTHETIC

Over-all mechanization of the processes of carbamide resin manufacture. P. V. Ivakhnenko, V. N. Pozdnii e. Der. prom 10 no. 7, 9-11 Jl '61

LATVIA—SOCIALIST COMPETITION

Communist Youth League drive against losses. Smena 36 no. 11:13 Je '61.

LATVIA—STARCH INDUSTRY—EQUIPMENT AND SUPPLIES

"Vavas" air-filter starch dryer M. E. Beker. Sakh prom 35 no. 7:73-76 Jl '61.

LATVIA—TECHNOLOGICAL INNOVATIONS

Mechanization and automation of the textile and light industries in Latvia. K. A Baev Mekh. i avtom. proizv. 15 no. 7 16-18 Jl '61.

LATVIA—TEXTILE INDUSTRY

Innovators work to improve the assortment of textile fabrics. A T Karpov Tekst. prom. 21 no 4:89 Ap '61.

LAUREL

Use of laurel-leaf extract. T. Chirkina. Mias. ind. SSSR 32 no. 1:47-48 '61.

LAVRENT'EV, MIKHAIL ALEKSEEVICH, 1900-

Bibliography of M. A. Lavrent'ev's works. PMTF no 3: 9-15 S-O '60.

Mikhail Alekseevich Lavrent'ev on his 60th birthday PMTF no. 3:3-8 S-O '60.

Work of Mikhail Alekseevich Lavrent'ev at the Academy of Sciences of the U. S. S. R. A. IU. Ishlinskii PMTF no. 3:16-19 S-O '60.

LAW

(see also subdivision under China; Japan)

Some legislative enactments of the Union Republics. Biul. Verkh. Suda no. 3:41-45 '61.

LAW—BIBLIOGRAPHY see Bibliography—Law

LAW—CASES

Decisions of the plenary session of the Supreme Court of the U. S. S. R. in individual cases. Biul. Verkh. Suda no. 3:23-27 '61.

LAW—CODIFICATION

Current problems concerning the systematization of laws enacted by the Union Republics. V. A. Boldyrev. Sov. gos. i pravo no. 11:82-89 N '60.

LAW—HISTORY AND CRITICISM

Preparation of the textbook on "History of the Soviet state and law." Ist. SSSR 5 no. 4:232 Jl-Ag '61.

LAW—PERIODICALS
Our readers discuss our periodical Sov. gos. i pravo 31 no. 2 150-151 F '61.

LAW—PHILOSOPHY
Discussing the problem of the correlation of the Soviet state and law A. S. Pigolkin, V. A. Pertsik. Sov. gos. i pravo 31 no. 8 139-141 Ag '61.
Ioffe, O. S., and M. D. Shargorodskii. [Problems in the general theory of law] Voprosy teorii prava. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 380 p.
The role of law in history [with summary in English, pp. 215-217] S. F. Kechekian Vop. ist. no. 7:21-32 Jl '61.

LAW—STUDY AND TEACHING
Cooperation between theoreticians and practical workers. V. Kryloso Sov. iust. no. 11 6 Jl '61

LAW—TEXTBOOKS
Preparation of the "History of the Soviet state and law" course S. S. Ivanov, E. A. Rakhmanin ova Sov. gos. i pravo 31 no. 8 134-138 Ag '61.

LAW AND SOCIALISM
The role and correlation of the legal forms of coercion and persuasion during the large-scale building of communism M. Shargorodskii Sov. iust. no. 14-3-6 Jl '61

LAZAREV SHELF ICE
Morphology of the shelf ice in the region of the Lazarev Station IU. A. Kruchinin Inform. biul. Sov. antarkt. eksp. no. 26 9-12 '61.

LAZARETH SHELF ICE—SNOW
Air streams in the snow-firn mass of the Lazarev Shelf Ice. L. I. Dubrovin. Inform. biul. Sov. antark. eksp. no. 26 13-14 '61.

LAZAREV SHELF ICE—SNOW SURVEYS
Accumulation of snow on the Lazarev Shelf Ice. M. I. Serikov Inform. biul. Sov. antark. eksp. no. 26 19-21 '61.
Dynamics of the snow surface on Lazarev Shelf Ice. IU. A. Kruchinin Inform. biul. Sov. antark. eksp. no. 27 5-8 '61

LEACHING
Concerning the kinetics of the leaching of radioactive elements from minerals K. F. Lazarev Radiokhimiia 3 no. 3 359-364 '61
Effect of the admixture of titanium oxides and silicon on the rate of aluminum hydroxide leaching. V. A. Dereviankin, S. I. Kuznetsov, O. K. Shabalina Zhur. prikl. khim. 34 no. 7:1456-1461 Jl '61

LEAD
Determination of hexaethyldilead in tetraethyllead [with summary in English] N. P. Lapisova, A. L. Gol'dshtein. Zhur. anal. khim. 16 no. 4 508-509 Jl-Ag '61
Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut mineral'nogo syr'ia. [Industrial specifications for the quality of raw minerals; a manual for geologists] Trebovaniia promyshlennosti k kachestvu mineral'nogo syr'ia, spravochnik dlia geologov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr. No. 42. Gudalin, G. G. [Lead, zinc, cadmium, silver] Svinets, tsink, kadmii, serebro. Nauchn. red. B. D. Sterkin. 1960. 68 p.

LEAD—ANALYSIS
Rapid method of determining thorium, radium, and lead in accessory monazites K. S. Ivanova Radiokhimiia 3 no. 3:348-355 '61
Trilon B in the determination of microquantities of lead in metallic cadmium. M. E. Vdovenko, N. E. Spivakovskaia. Zav. lab. 27 no. 8:963-964 '61.
Xylenol orange in the complexonometric determination of lead in lead concentrates M. G. Satun and others Zav. lab. 27 no. 8:961-963 '61.

LEAD-CERIUM ALLOYS see Cerium-lead alloys

LEAD CHLORIDE
Electric conductivity of fused salt solutions. Part I. The system $PbCl_2$-KCl [with summary in English]. M. F. Lantratov, O. F. Moiseeva. Zhur. fiz. khim. 34 no. 2 367-374 F '60.

LEAD COMPOUNDS—ELECTRIC PROPERTIES
Preparation and dielectric properties of solid solutions of $Pb(TiO_3$-$ZrO_3)$ single crystals and of lead metaniobate and lead titanate crystals. A. L. Khodakov, M. L. Sholokhovich. Izv. vys. ucheb. zav., fiz. no. 2 85-91 '61.

LEAD-INDIUM ALLOYS see Indium-lead alloys

LEAD-NEODYMIUM ALLOYS see Neodymium-lead alloys

LEAD NITRATE
Electrolytic deposition of dense lead precipitates from aqueous solutions of nitrate. D. N. Gritsan, D. S. Shun, L. N. Serpukhova. Zhur. prikl. khim. 34 no. 7:1528-1532 Jl '61.

LEAD ORES see subdivision under Kara-Tau

LEAD OXIDES
Lead selenite - lead oxide system. B. A. Popovkin, A. V. Novoselova Dokl. AN SSSR 139 no. 1:117-119 Jl '61.

LEAD PERCHLORATE
Certain properties of lead and mercury perchlorates (II) A. M. Golub, A. A. Baran, T. I. TSitsurina Ukr. khim. zhur. 27 no. 4 443-447 '61

LEAD PLATING
Electrolytic deposition of dense lead precipitates from aqueous solutions of nitrate D. N. Gritsan, D. S. Shun, L. N. Serpukhova. Zhur. prikl. khim. 34 no. 7 1528-1532 Jl '61

LEAD POISONING
Prevention of food poisoning due to lead in connection with the preparation of chanakhi in glazed earthenware I. I. Tikhonov Vop. pit. 20 no. 4 80-81 Jl-Ag '61
Some aspects of the effect of EDTA $CaNa_2$ on lead poisoning under experimental conditions [with summary in English] O. G. Vasil'eva. Gig. i san. 26 no. 3 22-25 Mr '61.

LEAD-PRASEODYMIUM ALLOYS see Praseodymium-lead alloys

LEAD SELENIDE
Behavior of lead selenide in oxidative and in sulfating roasting with sulfuric acid L. S. Getskin, IU. S. Remizov, E. V. Margulis. Zhur. prikl. khim. 34 no. 7 1430-1437 Jl '61.
Preparation of lead selenide. V. P. Zlomanov, G. V. Muratova, A. V. Novoselova. Zhur. neorg. khim. 6 no. 7:1730-1731 Jl '61.

LEAD SELENIDE—ELECTRIC PROPERTIES
Change in the electric properties of PbSe under pressure. A. A. Averkin, B. IA. Moizhes, L. A. Smirnov Fiz. tver. tela 3 no. 6 1859-1862 Je '61.

LEAD SELENITE
Lead selenite - lead oxide system. B. A. Popovkin, A. V. Novoselova. Dokl. AN SSSR 139 no. 1,117-119 Jl '61.

LEAD SULFATE
Formation of a lead sulfate film on an In-Pb alloy during corrosion in sulfuric acid solution [with summary in English]. N. N. Gratsianskii, I. D. Vdovenko. Zhur. fiz. khim. 35 no. 6:1208-1211 Je '61.
Ternary system formed by sodium, thallium, and lead sulfates. L. I. Bakumskaia, V. V. Keropian, A. G. Bergman Zhur. neorg. khim. 6 no. 7, 1652-1655 Jl '61

LEADERSHIP
The lesson did not turn out well. I. Blinkov Starsh.-serzh. no. 1, 8-9 Ap '61.

LEAF RUST OF WHEAT
Effect of fertilizers on the susceptibility of winter wheat to leaf rust. IE. I. Kozak, A. P. Tishchenko Visnyk sil'hosp. nauky 4 no. 8 100-102 Ag '61.

LEAST SQUARES
Zimovnov, V. N. [Method of least squares as applied to measurements associated with constant errors] Sposob naimen'shikh kvadratov v priiozhenii k izmereniiam, soprovozhdaiushchimsia postoiannymi pogreshnostiami. Podgotovleno k izdaniiu I. dop. IU. V. Kemnitsem. Moskva, Izd-vo geodez. lit-ry, 1960. 56 p.

LEATHER
Effect of the preliminary treatment of porpoise oil used for stuffing on the mechanical properties of Russian leather. IA. I. Peskin. Izv. vys. ucheb. zav., tekh. leg. prom. no. 3:59-61 '61.
Hydroxyproline content in hydrolyzates of various topographic sections of calf leather derma. N. A. Oreshkov. Izv. vys. ucheb. zav.; tekh. leg. prom. no. 3:62-64 '61.
Modulus of elasticity of stiff leather. V. N. TSvetkov, L. A. Ioshchakova. Izv. vys. ucheb. zav.; tekh. leg. prom. no. 3,81-89 '61
Structural and mechanical properties of the leather tissue. N. V. Grigor'eva, S. A. Pavlov. Izv. vys. ucheb. zav., tekh. leg. prom. no. 3:65-72 '61

LEATHER—TESTING
Effect of hydrothermal treatments on the wear resistance of sole leather. Report No. 2; Effect of the duration of the treatment. K. G. Karimov, G. I. Kutianin. Izv. vys. ucheb. zav.; tekh. leg. prom. no. 3:73-78 '61

LEATHER, ARTIFICIAL
Studying the effect of aluminum and iron (III) salt additives on the properties of polyamide films N. N. Pavlov, G. A. Arbuzov, D. S. Panteleeva. Izv. vys. ucheb. zav.; tekh. leg. prom. no. 3:20-25 '61.
Testing the strength of artificial leather with a fiber base. Report No. 3; Strength and deformability of artificial leather with a blend cotton base. E. S. Umanskii, I. M. Landa Izv. vys. ucheb. zav.; tekh. leg. prom. no. 3:26-36 '61.

LEATHER GOODS see subdivision under Kislovodsk, Moscow

LEATHER INDUSTRY
Chromium extraction from the waste of leather factories I. A. Abramovich. Izv. vys. ucheb. zav., tekh. leg. prom. no. 3:36-41 '61

LEATHER INDUSTRY—PRODUCTION STANDARDS
Calculation method for setting work norms in the manufacture of leather. G. P. Ispirian, N. G. Shchukina Izv. vys. ucheb. zav., tekh. leg. prom. no. 3:3-13 '61

LEAVES
Effect of nitrogen and phosphorus on the ratio of free and bound water in the leaves of barley under various conditions of soil moisture M. S. Miller. Uch. zap. Ped. inst. Gerts. 178:11-23 '59
Nature of protochlorophyll of pumpkin seeds and its relationships with the pigments of green leaves A. A. Shylk, V. L. Kaler, G. M. Podchufarova Biul. Inst. biol. AN BSSR no. 5 141-118 '60

LEAVES, SHEDDING OF see Defoliation

LEBANON—LANDLORD AND TENANT
The lease of land in Lebanon. V. N. Emel'ianov. Uch. zap. Inst. nar. Azii 22:13-25 '60

LECTURES AND LECTURING
From the editor's mail. Agitator. no. 15,57-60 Ag '61.
Kireev, A. F. [Lecturing in the institutions for higher learning] Lektsiia v vysshei shkole. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 77 p.

LEECHES
(see also subdivision under Baikal, Lake)
Clinical and experimental application of leeches in treating sciatic neuritis and neuralgia. S. Sh. Kasimov. Izv. AN Azerb. SSR, Ser. biol. i med. nauk no. 4:91-95 '61.
Results of experiments with the application of leeches in treating sciatica S. Sh. Kasimov. Izv. AN Azerb. SSR Ser. biol. i med. nauk 3 91-94 '61

LEG—FRACTURE
Immediate and late results of fractures of the lower extremities in military personnel. A. G. Pokus. Voen.-med. zhur. no. 3:29-31 Mr '61.

LEGAL DEPOSIT (OF BOOKS, ETC.)
The purchase deposit copy. N. Vil'chur Bibliotekar' no. 7 55-56 Jl '61.

LEGAL DOCUMENTS
Glinkin, IA. S., and A. M. Prytkov, comps. [Collection of forms of legal documents recommended for consumers' cooperatives] Sbornik form dokumentov po pravovym voprosam dlia sistemy potrebitel'skoi kooperatsii. Moskva, Izd-vo TSentrosoiuza, 1960. 63 p.

LEGAL SOCIETIES
A significant contribution to the cause of peace. K. P. Gorshenin. Sov. gos. i pravo 31 no. 2:9-17 F '61

LEGISLATION
Popkov, V. D. [Democratic principles of the legislative work of the Soviet state] Demokraticheskie osnovy zakonodatel'noi deiatel'nosti Sovetskogo gosudarstva. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 61 p.

LEGUMES
(see also subdivision under White Russia)
Characteristics of proteolysis in germinating seeds of leguminous plants. N. I. Proskuriakov, L. I. Tovarova Nauch. dokl. vys. shkoly, biol. nauki no. 3 155-158 '61
[Pulse crops] Zernovye bobovye kul'tury; sbornik statei. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 479 p. (CU)

LEGUMES—GRADING
Methods of cleaning and grading pulse crop seeds. I. G. Voronov. Trudy VIM 27;3-131 '60

LEGUMES—HARVESTING
Mechanized harvesting of pulse crops. M. Galenko, N. Manoilo. Tekh. v sel'khoz. 21 no. 7:4-7 Jl '61.

LEISHMANIASIS
Use of new media for culturing leishmania. L. I. Gracheva, D. N. Zasukhin, G. V. Romanov. Lab. delo 7 no. 6, 45-48 Je '61.

LEMON
Pollination selectivity of lemon. N. IA. Lomila. Agrobiologiia no. 4:624-625 Jl-Ag '61.

LENGTH MEASUREMENT
Investigation of a semi-industrial device for measuring the length of pipes with the aid of photovaristors A. A. Efendisade, A. A. Parshina. Izv. AN Azerb. SSR Ser. fiz.-mat. i tekh. nauk 2:69-76 '61

LENIN, VLADIMIR IL'ICH, 1870-1924

Chugaev, A. IA., ed. [Teaching methods and the study of V. I. Lenin's book "Materialism and empiriocriticism"] Voprosy metodiki prepodavaniia i izucheniia knigi B. I. Lenina "Materializm i empiriokrititsizm." [Moskva] Vysshaia shkola, " 1961. 211 p.

Chuvikov, P. A. [V. I. Lenin on the causes of war in the era of imperialism] V. I. Lenin o prichinakh voin v epokhu imperializma Moskva, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, 1960. 31 p
(MH)

Correlation between present-day subjectivist idealism and religion in the light of V I Lenin's book "Materialism and empiric criticism " E S Zharikov Trudy TGU 149 118-129 '60.

Correlation of historical and logical methods in V I Lenin's book "Materialism and empiric criticism " A K Sukhotin. Trudy TGU 149 26-34 '60

Critical evaluation of nominalist trends in present-day bourgeois philosophy in the light of V I Lenin's book "Materialism and empiric criticism E D Klement'ev Trudy TGU 149 66-74 '60

From the editor Trudy TGU 149 3-4 '60

Furaev, V. K. [V. I. Lenin and the international workers movement] V. I. Lenin i mezhdunarodnoe rabochee dvizhenie. Leningrad, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, Leningr. otd-nie, 1960. 41 p.
(MH)

Glorious image of the great Lenin lives in the heart of every Mongolian. N TSeenzhav Sovr Mong 6 no 3 6-7 Mr '61

Gnosiological concepts of the true and untrue in the light of V I Lenin's work "Materialism and empiric criticism." F A. Selivanov Trudy TGU 149 48-54 '60

Gnosiological roots of idealism in the present-day methods of bourgeois historiography in the light of the critical evaluation of Ernst Mach's theory by Lenin G M Ivanov Trudy TGU 149 96-102 '60

He heard Lenin N. Antkin, I. Panin Starsh -serzh no. 4:2 of cover-1 Ap '61

"He lives today in the hearts of millions...." ["India and Lenin." Reviewed by V. Suvorov) Az i Afr seg no. 4 56-58 Ap '61

How Lenin's criticism of subjective idealism helps to criticize the idealistic ideas of present-day chemistry B V. Tronov Trudy TGU 149 185-191 '60

How V I Lenin developed the theory of the role of practice in the cognitive process. V. N Sagatovskii Trudy TGU 149 35-40 '60.

How V. I. Lenin's book "Materialism and empiric criticism" helps to understand the problem of truth in formalized languages A N Knigin Trudy TGU 149 41-47 '60.

How Vladimir Il'ich played chess. P. N. Lepeshinskii. Voen. vest. 40 no. 4:127 Ap '61.

How Volodia Ul'ianov studied Pavlo Makrushenko Shkola-int no 2 17-21 Mr-Ap '61.

Ideas of the great Lenin inspire us; on the 90th anniversary of the birth of V. I Lenin Mikrobiologiia 29 no 2 I-VI Mr-Ap '60

Is it a proper way to interpret important theoretic problems? ("Main problems of the political economy of socialism in V I Lenin's work" by N D Kolesov and others Reviewed by A. Kossoi). Vop ekon no 6 142-146 Ag '61

IUldashbaev, B. Kh. [V. I. Lenin, a classic of creative Marxism] V. I. Lenin, klassik tvorcheskogo marksizma. Ufa, Akad. nauk SSSR. Bashkirskii fikial. Institut istorii, iazyka i lit-ry, 1960. 74 p.
(MH)

IUrchenko, O. T. [Lenin and the Bolshevik organizations of the Ukraine, 1905-1907] Lenin i bil'shovyts'ki organizatsii Ukrainy v 1905-1907 rr. Kyiv, Derzhpolitvydav URSR, 1960. 98 p.
(MH)

Ivanov, I. K. [V. I. Lenin as the founder of a new theory of socialist revolution] V. I. Lenin, tvorets novoi teorii sotsialisticheskoi revoliutsii. Leningrad, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, Leningr. otd-nie, 1960. 53 p.
(MH)

Kostichev, A. D. [How V. I. Lenin developed dialectical and historical materialism during the struggle for the establishment of the Marxist party in Russia, from 1894 to 1904] Razvitie V. I. Leninym dialekticheskogo i istoricheskogo materializma v period bor'by za sozdanie marksistskoi partii v Rossii; 1894-1904 gg. Moskva, Izd-vo "Znanie," 1961, 46 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii, Ser. 2, Filosofiia, no. 11)

Lenin's postulate on the inexhaustibility of electrons in the light of the achievements of present-day physics. IA. V. Shvartsman. Trudy TGU 149 178-184 '60

Lenin's theory of reflection and present-day physics. A. A. Furman. Trudy TGU 149 172-177 '60.

Lenin's theory of Soviet finance. A A. Abroskin Nauch. zap. MFI no. 11:117-145 '58

Literature and folklore in V. I. Lenin's work "Materialism and empiric criticism " N. F. Babushkin. Trudy TGU 149 109-117 '60.

Mamikonian, K. A. [V. I. Lenin and the Bolshevik organizations of Transcaucasia from 1893 to 1907] V. I. Lenin i bol'shevistskie organizatsii Zakavkaz'ia, 1893-1907. Erevan, Armianskoe gos. izd-vo, 1961. 193 p.

Markov, I. S. [The Bolshevik Party during the first Russian Revolution from 1905 to 1907] Partiia bol'shevikov v period pervoi russkoi revoliutsii 1905-1907 gg; lektsii. Otv. red I. B. Cheliapov. Moskva, 1960. 55 p.
(MH)

Meilakh, B. S. [V. I. Lenin and literature] V. I. Lenin i khudozhestvennaia literatura. Moskva, Znanie, 1960. 46 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6. Literatura i iskusstvo, no. 11)
MH

Philosophical problems of quantum mechanics in the light of V I Lenin's work "Materialism and empiric criticism " V. A Zhdanov. Trudy TGU 149 150-156 '60

Problem of the truth of conceptions in the light of Lenin's theory of reflection I G Rubinov. Trudy TGU 149 55-60 '60.

Publication of V. I. Lenin's works in the countries of the non-Soviet East Az. i Afr. seg. no. 4:41 Ap '61.

"Recollections of Vladimir Il'ich Lenin," part 3 Reviewed by N. Poltorakov Tyl i snab Sov Voor Sil 21 no 4 93-96 Ap '61

Reminiscences about V. I. Lenin. A Krulev Za rul. 19 no 4:3 Ap '61

Sajakhov, F. L., ed. [On V. I. Lenin's ninetieth birthday] K devianostoletiiu so dnia rozhdeniia V. I. Lenina, sbornik statei, Ufa, 1960. 132 p.

Scientific corroboration of the critical evaluation of "physiological" idealism by Lenin. V. A Pegel' Trudy TGU 149 130-138 '60

Significance of V. I. Lenin's work "Materialism and empiric criticism" for the critical evaluation of formalist trends in present-day logic. I S Ladenko. Trudy TGU 149.81-87 '60.

Significance of V. I. Lenin's work "Materialism and empiric criticism" for the critical evaluation of philosophical indeterminism. E. A. Arinshtein Trudy TGU 149 157-163 '60.

Significance of V. I. Lenin's work "Materialism and empiric criticism" for the development of present-day physics V. N. Kessenikh Trudy TGU 149 161-171 '60

Significance of V. I. Lenin's book "Materialism and empiric criticism" for the struggle against the reactionary ideas of pragmatism in educational theory. N. K IAroshevskaia Trudy TGU 149 103-108 '60

Sogomonian, A. G., and V. A. Chumichev. [V. I. Lenin on the building of communism in the U. S. S. R.] V. I. Lenin o postroenii kommunizma v SSSR. Leningrad, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, Leningr. otd-nie, 1960. 52 p.
(MH)

Some dialectical problems in V. I Lenin's book "Materialism and empiric criticism " A. I. Uvarov. Trudy TGU 149 5-27 '60.

Some problems of historical materialism in V. I Lenin's work "Materialism and empiric criticism." L. V. Aliakinskii. Trudy TGU 149.88-95 '60

Some problems of present-day biology in the light of V. I Lenin's work "Materialism and empiric criticism." B G. Ioganzen. Trudy TGU 149.139-149 '60.

Sorokin, K. F., comp. [For the employment of Lenin's style in work] Za leninskii stil' v rabote, sbornik statei. Kiev, Gospolitizdat, USSR, 1960. 189 p.
(MH)

The style of A. M. Gor'kii's essay "V. I Lenin." V. A. Kovalev. Rus. iaz. v shkole 22 no 3.20-25 My-Je '61

This book should be read. I Borisova, Radio no. 4:10 Ap '61.

V. I Lenin and state farm development during the first years of the Soviet regime, 1917-1925 V. N. Lavrent'ev. Nauch zap. MFI no 11:290-300 '58.

V. I. Lenin and the State Commission for the Electrification of Russia. P. A. Nozdrachev. Nauch. zap MFI no. 11 273-289 '58.

"V. I. Lenin as Chairman of the Council of People's Commissars and the Council of Labor and Defense, history of his participation in the government during 1921 and 1922" by E. B. Genkina. Reviewed by A. S. Fedoseev. Vop ist. no. 7:128-130 Jl '61.

V. I Lenin on K. Marx's "Capital." A. L. Reuel'. Nauch. zap MFI no. 11:41-75 '58.

"V. I. Lenin on labor laws." Reviewed by IU. P. Orlovskii. Sov. gos. i pravo 31 no. 2:157-160 F '61.

V. I. Lenin on some problems of the English labor movement [with summary in English, pp 220-221]. A. N. Krasil'nikov. Vop. ist. no. 7:81-95 Jl '61

V. I. Lenin on the ripeness of conditions for the Russian working class to seize power in the fall of 1917. F. N. Politkin. Nauch. zap. MFI no. 11:3-18 '58.

V. I. Lenin on the role of money in building socialism. Z. V. Atlas. Nauch. zap. MFI no. 11:254-272 '58.

V. I. Lenin's fight with the "military opposition" at the Eighth Congress of the Russian Communist Party (Bolsheviki). A. Danilevskii. Voen. ist. zhur. 3 no. 4:3-11 Ap '61.

V. I. Lenin's works in the languages of the people of the East. Az. i Afr. seg. no. 4:57 Ap '61.

Vartanian, G. M. [The Lenin stage in the development of Marxist philosophy] O leninskom etape v razvitii filosofii marksizma. Erevan, Izd-vo Erevanskogo univ., 1960. 45 p.
(MH)

LENIN, VLADIMIR IL'ICH, 1870-1924—BIBLIOGRAPHY
see Bibliography—Lenin, Vladimir Il'ich, 1870-1924

LENIN, VLADIMIR IL'ICH, 1870-1924—HOMES AND HAUNTS

In places associated with Lenin ("Lenin used to live and work here, the places of Leningrad and its vicinity associated with Lenin" by V. E Mushtakov, P. P. Nikitin Reviewed by S. Shaumian). Kommunist 38 no 12,118-119 Ag '61.

LENIN, VLADIMIR IL'ICH, 1870-1924—MUSEUMS, RELICS, ETC.

History of a snapshot. O. Shirokov. Smena 36 no. 14 16 Jl '61.

LENIN (ATOMIC SHIP)

[Atomic icebreaker "Lenin"] Atomnyi ledokol. "Lenin." [n.d.] M-vo morskogo flota [1960] 14 p. (Vystavka dostizhenii narodnogo khoziaistva SSSR)
[MICROFILM]

LENIN IN LITERATURE AND ART

[Beloved Il'ich; V. I. Lenin as portrayed in paintings, works of sculpture, and graphic arts at the exhibition "Sovetskaia Rossiia" during 1960] Rodnoi Il'ich, V. I. Lenin v proizvedeniiakh zhivopisi, skul'ptury i grafiki, predstavlennykh na vystavke "Sovetskaia Rossiia" v 1960. [Moskva] Izd-vo "Sovetskaia Rossiia," 1960. 1 v. plates (Vystavka Sovetskaia Rossiia 1960)

Imber, V. M. [April; verse on Lenin] Aprel'; stikhi o Lenine. Moskva, Sovetskii pisatel', 1960. 53 p.

LENIN PRIZES

Awarding the Lenin prize to the Academician V. P. Volgin. Vop ist. no 7:3-5 Jl '61

Day of the present and day of the future. Teatr 22 no 7 3-8 Jl '61.

Historical dates Sov. potreb. koop. 5 no. 6:31 Je '61

Honored with Lenin Prizes. IU Zubov. Bibliotekar' no. 7:25-29 Jl '61

In the Committee on the International Lenin Prizes. "For strengthening peace among peoples " Kul't i zhizn' 5 no 6:31 '61.

Lenin prizes. Nauka i zhyttia 11 no 6 57 My '61

LENINAKAN—HOSIERY INDUSTRY

Manufacturing stockings and socks from the "Elastic fibers E Baiul', V. Grudil'. Prom. Arm. 4 no. 3:51-55 Jl '61

LENINAKAN—NURSES AND NURSING

All-city conference of nurses. M. S. Ambartsumian, G. E. Gevorgian Med. sestra 20 no. 6:57-59 Je '61

LENINGRAD—ANTIRELIGIOUS MUSEUMS

Documents tell their stories. B. Viktorov. Vofov. muzei no 1:55-57 Ja '61.

LENINGRAD—APARTMENT HOUSES

Increasing the variety of apartment houses is an important prerequisite for the development fully satisfactory residential districts. V. A. Kamenskii. Stroi i arkhit Len. 23 no. 7:3-8 Jl '61.

LENINGRAD—BALLET

"Masquerade." IU. Golovashenko. Teatr 22 no. 7 118-120 Jl '61.

LENINGRAD—BRIDGES, CONCRETE

Plan of the new Tuchkov Bridge. V. V. Demchenko. Stroi i arkhit Len 23 no 7:31-32 Jl '61

LENINGRAD—BUILDING

Trunin, A. P., I. M. Dorfabin, and I. V. Bespalov. [Engineering preparation for large-element construction; from the experience of Leningrad construction projects] Inzhenernaia podgotovka krupnoelementnoi zastroiki; iz opyta leningradskikh strook. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 171 p.

LENINGRAD—BUILDING MACHINERY

Device for sealing seams. M. Kulikov. Strotel' no 6 10 Je '61.

LENINGRAD—CATHEDRALS

Saint Vladimir Cathedral in Leningrad. V. Nekrasov. Zhur. Mosk. Patr. no. 6:29-36 Je '61.

LENINGRAD—CEMENT

Using lime-slag slurry. N. I. Timofeeva. TSement 27 no. 3:25 My-Je '61.

LENINGRAD—CITY PLANNING

New architecture studios. Stroi. i arkhit. Len. 23 no 7 40 Jl '61.

LENINGRAD—CLOTHING INDUSTRY

Minkin, A. S., and E. M. Glauberzon. [Repair and operation of certain kinds of machines and electric equipment at garment factories in Leningrad] Remont i ekspluatatsiia nekotorykh vidov tekhnologicheskogo i elektrotekhnicheskogo oborudovaniia na shveinykh fabrikakh Leningrada; obzor. Leningrad, 1961. 37 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Seriia: Shveinaia promyshlennost')

LENINGRAD—CONSTRUCTION INDUSTRY

In celebration of the 22d Congress of the CPSU Stroi i arkhit Len 23 no 7 1-2 Jl '61

Kann, A. V. [Kuznetsov Housing Construction Combine No. 4] Kuznetsovskii domostroitel'nyi kombinat (DSK-4); stenogramma lektsii. Leningrad, 1961. 27 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Serlia. Stroitel'naia promyshlennost')

LENINGRAD—CONSTRUCTION WORKERS

Builder. N. Sergeev Kul't i zhizn' 5 no 7-12-11 '61

LENINGRAD—DISABILITY EVALUATION

Correct decision is not enough. A Volkova Sots. obesp 22 no 6 26-29 Je '61

LENINGRAD—ECONOMIC POLICY

The role of the factory press in Leningrad in activating the creative work of the masses during 1938 and 1939 [with summary in English] F I Suraegin Vest LGU 16 no 14 5-16 '61

LENINGRAD—ELECTRIC INDUSTRY WORKERS

The laboring class has helped. S. Kozlol'kov, L. Molotkov. Sov. profsoiuzy 17 no 13 9-11 Jl '61.

LENINGRAD—EVENING AND CONTINUATION SCHOOLS

Restless heart. S. Neginskii, M. Oleinikov. Nar. obr. no. 8-58-60 Ag '61.

LENINGRAD—FLOODS

Laboratory investigations of the dynamics of floods in Leningrad. M. S. Grushevskii. Trudy Okean. kom 11. 105-112 '61.

LENINGRAD—FLOORS, CONCRETE

Precast flooring for the capital repair of buildings O M Fridman, G A. Sedlukha Gor khoz Mosk 35 no 7.42 Jl '61

LENINGRAD—FOUNDING

Meerovich, I. B. [Practice of the Leningrad "Russkii Dizel'" Plant in mechanizing operations in the casting house] Opyt leningradskogo zavoda "Russkii dizel'" po mekhanizatsii litelnogo tseklia. Leningrad, 1961. 13 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serlia: Litei-noe proizvodstvo, no. 4)

LENINGRAD—ICE CREAM INDUSTRY

Building an ice cream plant Stroi i arkhit. Len. 23 no 7 40 Jl '61

LENINGRAD—INDUSTRIAL HYGIENE

Our "Thursdays." Okhr. truda i sots strakh. 4 no. 7: 18 Jl '61.

LENINGRAD—INDUSTRIAL MANAGEMENT

Mikhailovich, S. L., and R. I. Kats. [Technical reorganization and utilization of the production potentialities for increasing the output capacity of the automatic turret-lathe shop] Organizatsionno-tekhnicheskaia perestroika i ispol'zovanie rezervov proizvodstva dlia povysheniia proizvodstvennoi moshchnosti avtomatno-revol'vernogo tseklia. Leningrad, 1961. 16 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom Serlia: Organizatsiia i ekonomika proizvodstva, no. 2)

Ronenson, G. E., and S. B. Livshits. [Scheduling lot production by group sets, practice of the OGPU Optical Mechanical Plant] Kalendarnoe planirovanie serlinogo proizvodstva po gruppovym komplektam; opyt Gosu-darstvennogo optiko-mekhanicheskogo zavoda imeni OGPU. Leningrad, 1961. 11 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serlia: Organizatsiia i ekonomika proizvod-stva, no. 3)

LENINGRAD—INDUSTRIAL RELATIONS

Three dimensions. I. Prelovskaia, A. Skrypnik Smena 38 no 15 3 Ag '61.

LENINGRAD—JOURNALISM, LABOR

The role of the factory press in Leningrad in activating the creative work of the masses during 1938 and 1939 [with summary in English] F. I. Suraegin. Vest. LGU 16 no. 14:5-16 '61.

LENINGRAD—JUVENILE DELINQUENCY

How to prevent juvenile delinquency. G. Skipetrova, A. Parfenov. Sov just. no. 14 31 Jl '61,

LENINGRAD—LANDSCAPE GARDENING

Landscaping and improving Leningrad and its suburbs. Stroi. i arkhit. Len. 23 no. 7 3 of cover Jl '61.

LENINGRAD—LIBRARIES, PRIVATE

Akademiia nauk SSSR. Institut russkoi literatury. [The Voltaire Library; a catalog of books] Biblioteka Vol'tera; katalog knig. Moskva, Izd-vo Akad. nauk SSSR, 1961. 1166 p.

LENINGRAD—LIBRARY EXHIBITS

"Ten days devoted to Soviet historiography" in the M. E. Saltykov-Shchedrin Public Library. Ist. SSSR 5 no. 4: 233 Jl-Ag '61.

LENINGRAD—MACHINERY INDUSTRY

Brave ones lead to attack. N. Vasil'ev. Smena 38 no 9 1 My '61.

LENINGRAD—MACHINERY INDUSTRY—PRODUCTION STANDARDS

Separate norm for every machine tool. V Isaev Mashinostroitel' no 8 29 Ag '61.

LENINGRAD—MEASURING INSTRUMENTS

Volosevich, F. P. [Checking devices and measurement methods, practice of the Central Measurement Laboratory at the Kirov Plant] Kontrol'nye prisposobleniia i metody izmerenila; iz opyta raboty TsLK Kirovskogo zavoda. Leningrad, 1961, 19 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serlia: Kontrol' kachestva produktsii, no. 6)

LENINGRAD—MEAT INDUSTRY—EQUIPMENT AND SUPPLIES

Metal conveyor freezing meat dumplings. V. Teider. Miasn. ind SSSR 32 no 1:10-11 '61.

LENINGRAD—MOTION-PICTURE THEATERS

"Kosmonavt" movie theatre Stroi. i arkhit. Len 23 no. 7 40 Jl '61.

LENINGRAD—PAINT MACHINERY

Mechanized manufacture of paint components. Stroi. i arkhit Len. 23 no 7 39 Jl '61

LENINGRAD—PENSIONERS

Carrying out the decisions of the soviet of workers deputies. S. Zabiotskaia. Sots. obesp. 22 no. 8-38-41 Ag '61.

LENINGRAD—PRECAST CONCRETE

Precast reinforced concrete at repair sites Stroi. i arkhit. Len 23 no 7-36 Jl '61.

LENINGRAD—PRECAST CONCRETE CONSTRUCTION

Arch shells made of interchangeable blocks A. IA. Zinov'ev, V P Drozzhin Stroi. i arkhit. Len. 23 no 7 27-28 Jl '61.

Practices employed by Trust No. 105. L. S. Shifrin. Stroi. i arkhit Len 23 no 7 25-26 Jl '61.

LENINGRAD—PRINTING MACHINERY AND SUPPLIES—PRODUCTION STANDARDS

Using single-line norms E I. Peroshkier Mashino-stroitel' no 8 10-11 Ag '61.

LENINGRAD—RESEARCH, INDUSTRIAL

For technological progress. I. Nosikov Part zhizn' no 15/16:137-130 Ag '61

LENINGRAD—REVOLUTION, 1917-1921

Role of an armored detachment in meeting V. I. Lenin at the Finland Station; a letter to the editor. V. Gol'-nyi and others. Voen. ist. zhur. 3 no. 4:123-126 Ap '61.

Rout of Kerenskii's campaign against Petrograd. N. Golovanov. Voen. ist. zhur. 3 no. 4:38-46 Ap '61.

LENINGRAD—REVOLUTION, 1917-1921—PERSONAL NARRATIVES

Riabov, N. F. [We are from the Vyborg Quarter; memoirs] My - s Vyborgskoi storony; vospominaniia. Moskva, Izd-vo sotsial'no-ekon. lit-ry "Sotsekgiz," 1961. 110 p.

LENINGRAD—SCIENTIFIC SOCIETIES

Radovskii, M. I. [M. V. Lomonosov and the Peters-burg Academy of Sciences] M. V. Lomonosov i Peter-burgskaia Akademiia nauk. Moskva, Izd-vo Akad. nauk SSSR, 1961, 334 p.

LENINGRAD—SHIPBUILDING—TECHNOLOGICAL INNOVATIONS

Lianda, Fu. N. [Procedure for introducing borrowed progressive practices into an industrial enterprise] Poriadok vnedreniia zaimstvovannogo peredovogo opyta na promyshlennom predpriiatii. Leningrad, 1960. 27 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Serlia: Metodika postanovki nauchno-tekhnicheskoi informatsii i propagandy)

LENINGRAD—SIEGE, 1941-1944

The bitter truth of war ("Those who didn't surrender" by N. Erugin. Reviewed by M. Dostn). Belarus' 18 no. 8. 31 Ag '61.

Sirota, F. I. [Leningrad, heroic city] Leningrad - gorod-geroi. [Leningrad] Lenizdat, 1960. 181 p. (NNC)

LENINGRAD—SIEGE, 1941-1944—PERSONAL NARRATIVES

Erugin, N. P. [On those who did not yield] O tekh, kto vystoial. Minsk, Izd-vo AN BSSR, 1961. 202 p. (Zapiski frontovika)

LENINGRAD—SOCIAL CONDITIONS

The future is next to you. G. I. Popov. Ogonek 39 no. 20, 6-8 Jl '61

LENINGRAD—SOCIALIST COMPETITION

Not only in production, but in life as well A Zhavoronkov Zhil.-kom. khoz Jl no. 5 5 My '61

LENINGRAD—SUBWAYS

Architectural features of the new subway stations P. A. Ashatin Stroi i arkhit Len 23 no 7 9-12 Jl '61

LENINGRAD—TELEVISION STATIONS

Television center in Leningrad. N. Mikhailov, A. Solovei. Radio no 5 3-5 My '61.

LENINGRAD—THEATER

Our guests. Ukraina no 15-25 Ag '61.

LENINGRAD—TRADE UNIONS

Active members are our support. E. Egudkin. Mest. prom. i khud. promys 2 no. 6 18-19 Je '61.

LENINGRAD—TUNNEL LINING

New type of lining for running tunnels of the Leningrad subway S S Kazantsev. Transp stroi 11 no. 7.19-21 Jl '61.

LENINGRAD—VIEWS

Leningrad [TSvetnye fotografii L. Ziverta. Moskva, Izd-vo lit-ry na inostr. iazykakh, 1959] folder (32 plates.) (NN)

[Leningrad; views of the city] Leningrad; vidy goroda. Moskva, Gos. izd-vo izobraz. iskuss., 1960. 1 v. plates.

LENINGRAD—WATER—PURIFICATION

Automatic super-highspeed filtration stations Z K. Kiseleva Vod. i san tekh no 3;1-5 Mr '61.

Study of the performance of experimental two-layer filters at the Petrograd water supply station for the city of Leningrad, N. A. Nikol'skaia. Izv. vys. ucheb. zav.: stroi. i arkhit. 4 no. 2:70-78 '61.

LENINGRAD—WATER SUPPLY

Protecting natural waters from pollution Stroi. i arkhit. Len. 23 no 7 3 of cover Jl '61

LENINGRAD ECONOMIC REGION—WOODWORKING INDUSTRIES—EQUIPMENT AND SUPPLIES

Equipment developed by the Special Construction Bureau and adopted by the enterprises of the woodworking industry under the Leningrad Economic Council. S. IA. Novikov. Der. prom. 10 no. 6:17-18 Je '61.

LENINGRAD PROVINCE—ALGAE

Algae Mesotaeniales and Desmidiales in the vicinity of Leningrad. A. A. Gurevich Uch. zap. Ped inst Gerts. 178:185-187 '59.

LENINGRAD PROVINCE—DIATOMS

Diatoms from lithorhinous deposits of the Zavironskiy Mokh Bog I A. Kuptsova. Bot zhur. 46 no. 5:718-722 My '61

LENINGRAD PROVINCE—GALLINAE

Reproduction of wild gallinaceous birds and the development of their young M A. Rodionov. Nauch. dokl vys shkoly, biol nauki no. 3:51-56 '61

LENINGRAD PROVINCE—PINE

Causes of the withering of pine and spruce plantations in the Okhta Experimental Forest. N. V. Podzorov. Bot. zhur. 46 no. 5;685-690 My '61.

LENINGRAD PROVINCE—SPRUCE

Causes of the withering of pine and spruce plantations in the Okhta Experimental Forest. N V. Podzorov. Bot. zhur. 46 no. 5;685-690 My '61.

LENINOGORSK REGION (ALTAI MOUNTAINS)—ROCKS—MAGNETIC PROPERTIES

Magnetic properties of rocks in the Leninogorsk area. A. A. Malygin. Izv. AN Kazakh. SSR. Ser. geol. no. 2: 78-85 '61.

LENKORAN LOWLAND—MITES

Gamasid mites of the Lenkoran zone in Azerbaijan. A. T. Gadzhiev, A. M. Kireeva. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 4:37-44 '61.

LENSES

Using the "dihedral" and "tangential sphere" methods in measuring the curvature of nonspherical surfaces. M. V. Afanas'ev. Trudy MIIGAIK no. 45;107-115 '61

LENSES, PHOTOGRAPHIC

Basic parameters of the 35 mm. lenses for motion-picture photography manufactured by the "Lenkinap" factory. Tekh. kino i telev. 5 no. 6:3 of cover Je '61.

16 mm. lenses for motion-picture photography. F. S. Novik. Tekh. kino i telev. 5 no. 6:77-83 Je '61.

LENTILS

Leont'ev, V. M. [Lentils] Chechevitsa. Izd. 2., perer. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 90 p. (CU)

LEONARDO DA VINCI, 1452-1519

Zubov, V. P. Leonardo da Vinci, 1452-1519. Moskva, Izd-vo Akad. nauk SSSR, 1961 370 p (Nauchno-biograficheskaia seriia)

LEONOV, EVGENII

Leonov L Bulgak Teatr 22 no 7 99-101 Jl '61

LEPEL' DISTRICT—EDUCATION

A school of volunteer teachers A Paulouskii Nar. asv no 5 90 My '61.

LEPIDOPTERA

How butterflies scare away their enemies. N. M Voskresenskii Priroda 50 no 8 102-104 Ag '61

LEPNURM, HUGO

Evenings of organ music. O Zarnitskaia, N. Guseeva. Sov. muz. 25 no. 7 97-98 Jl '61.

LERMONTOV, MIKHAIL IUR'EVICH, 1814-1841

Lermontov as interpreted on the ballet stage. E. Lutskaia. Sov. muz. 25 no. 7:71-74 Jl '61.

LERMONTOV, MIKHAIL IUR'EVICH, 1814-1841—HOMES AND HAUNTS

Nedumov, S. I., and P. E. Selegei. [Through Lermontov's abodes] Po lermontovskim mestam. [Stavropol'] Stavropol'skoe knizhnoe izd-vo, 1960. 113 p. (MH)

LEUCOCYTES

Characteristics of changes in the leukocytes in acute disorders in the blood circulation of the brain [with summary in French] N I Moiseeva, V. V. IAtskevich Zhur nevr. i psikh 61 no 5 677-681 '61

Effect of prolonged action of conditioned stimuli previously combined with X irradiation on the leucocyte and lymphocyte content of peripheral blood N N Livshits, E S Meizerov. Radiobiologiia 1 no 2 223-226 '61

LEUCOPENIA

Dynamics of functional leucopenias during a solar cycle of 11 months Z. A. Senchishcheva, L IA Krikovtsova Lab. delo 7 no 6:5-6 Je '61

LEUCOPENIA, MALIGNANT see Agranulocytosis

LEUKEMIA

Problem of experimental leukoses; (on the pathogenic action of filtrates of bone marrow from patients with acute leukoses) [with summary in English] S D IAkovleva Vop. virus. 6 no 5, 599-602 S-O '60

LEVCHENKO, PETRO OLEKSIIOVYCH, 1856-1917

Diuzhenko, IU. [Petro Oleksiiovych Levchenko; a sketch of his life and works] Petro Oleksiiovych Levchenko, narys pro zhyttia i tvorchist'. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry, 1958. 47 p. plates. (MH)

LEVEL (TOOL)

Making the principal adjustment of dumpy level. V D. Bol'shakov Trudy MIIGAIK no 44 81-83 '61.

LEVEL INDICATORS

ESU-03 semiconducting level indicator L. G Vvedenskii Ogneupory 26 no. 7:305-307 '61.

Electric water-level signaling devices in steam boilers. V. V. Dorofeev. Prom. energ. 16 no. 5 60 My '61.

LKI-1 type device for measuring the ballast levels in floating dock sections A N Babaev. Trudy LKI no 29 15-19 '59.

LEVEL INDICATORS FOR LIQUIDS see Liquid level

'60.

Changes in the order of determining the angle . G. M. Borodulin. Geod. i kart no 7:18-20 Jl '61.

Determining elevations in geodetic leveling without measuring distances with a range finder. V P. Kozlov. Trudy MIIGAIK no. 44, 59-64 '61.

LEVITAN, ISAAK IL'ICH, 1861-1900

Isaak Il'ich Levitan I. Malygina IUn. nat. no. 6 28 Je '61.

LEVITOV, ALEKSANDR IVANOVICH, 1837-1877

Strukov, A. F. Aleksandr Ivanovich Levitov. [Lipetsk] Lipetskoe knizhnoe izd-vo, 1960. 31 p. (Nashi znatnye zemliaki) (MH)

LEVYTS'KYI, IVAN, 1837-1918

I. S. Nechui-Levyts'kyi. IEvhen Krotevych. Ukraina no 15, 24-25 Ag '61.

LIAKHNITSKII, VALERIAN EVGEN'EVICH, 1895-1961

In memory of V. E. Liakhnitskii. M. E. Vaintsen. Izv. ASIA no. 1:128-129 '61.

LIBRARIES

(see also subdivision under Altai Territory; Armavir, Omsk Province, Port Arthur, Ontario, Soroki)

Assist in the communist education of workers Bibliotekar' no 7 1-3 Jl '61

Brief news. Bibliotekar' no 7 62 Jl '61

Competition between libraries of two cities P Kurdiukova Bibliotekar' no 8 16 Ag '61.

How our active members work K Guseinov. Bibliotekar' no. 8 38-39 Ag '61

Miscellaneous news Bibliotekar' no 7 61 Jl '61

"What every reader should know" by I K Kirpicheva Reviewed by T Vvedenskii Bibliotekar' no 8 62 Ag '61

LIBRARIES—CHARGING SYSTEMS see Charging systems (Libraries)

LIBRARIES—INVENTORIES

Taking inventory in libraries. A Nikitin. Bibliotekar' no 7 59-60 Jl '61.

LIBRARIES, CHILDREN'S

(see also subdivision under Bologoye, Novokuybyshevsk)

Mezhdubibliotechnaia kataiogizatsionnaia komissiia. [Classification tables for children's libraries] Tablitsy bibliotechnoi klassifikatsii dlia detskikh bibliotek. Moskva, Izd-vo Vses. knizhnoi palaty, 1959. 85 p. (KU)

LIBRARIES, PRIVATE see subdivision under Leningrad

LIBRARIES, RESEARCH see Research libraries

LIBRARIES, RURAL see Rural libraries

LIBRARIES, SCHOOL see School libraries

LIBRARIES, WORKINGMEN'S

(see also subdivision under Kemerovo, Shakhun'ya)

The book has come into its own. E. Timofeev. Sov shakht. 10 no 3 31 Mr '61.

LIBRARIES AND READERS

(see also subdivision under Azerbaijan, Orekhovo-Zuyevo, Pinsk; Sverdlovsk Province)

Annual reregistration of readers. Bibliotekar' no 8 58-59 Ag '61.

In regard to a certain remark D Palamar' Bibliotekar' no 7 60 Jl '61

In the same rank as the Communist Youth League G Fedorovich Bibliotekar' no 8 33-34 Ag '61.

Not simply readers M. Bulatnikova. Bibliotekar' no 8 10-12 Ag '61.

Political education and life G. Zhabitskii Bibliotekar' no 8 29-33 Ag '61.

LIBRARY EXHIBITS

(see also subdivision under Leningrad)

More marvellous than any dream A Artamonov. Bibliotekar' no. 7 22-24 Jl '61.

LIBRARY SCHOOLS AND TRAINING

How we fulfill the order of the ministry. I. S. Pecherskaia, I A Kabakova Sred. spets. obr. 8 no 7:48-53 Jl '61

Practice is the best school A. IArtseva. Bibliotekar' no 8, 42-43 Ag '61

LIBYA—MAPS

[Libya, 1:2 500 000] Liviia, 1:2 500 000. Moskva, Gos. izd-vo geogr. lit-ry.

——— ——— ——— Genin, I. A. [Libya (text)] Liviia [tekst] 1960. 15 p.

LIEBKNECHT, KARL, 1871-1919

Liebknecht, Karl Paul August Friedrich. [Selected speeches, letters, and articles. Preface by Wilhelm Pieck] Izbrannye rechi, pis'ma i stat'i. Moskva, Gos. izd-vo polit. lit-ry, 1961. 510 p.

LIEPAJA—EDUCATION, ELEMENTARY—CONGRESSES

Training of primary grade teachers. Dz. IA. Kruche. Nach shkola 29 no 7:95 Jl '61.

LIFE (BIOLOGY) see subdivision under Italy

LIFE PRESERVERS

For oil field workers Neftianik 6 no. 7:28 Jl '61.

LIFESAVING

In the Elbe's waves. S. IUkhachev. Sov. voin 43 no. 8: 22-23 Ap '61.

LIFESAVING AT FIRES

Smoke through the window. M. Ponomarev. Ogonek 39 no. 30:10 Jl '61.

LIFESAVING STATIONS see subdivision under Stalingrad

LIFT (AERODYNAMICS)

Approximate calculation of the lifting power of a blade near the free surface. A, N. Panchenkov. PMTF no. 4: 67-68 N-D '60.

LIGHT—CHEMICAL ACTION see Photochemistry

LIGHT—PHYSIOLOGICAL EFFECT

Bioelectric reactions of the fish brain to light stimuli V I Gusel'nikov, M. I. Onufrieva Nauch. dokl. vys. shkoly, biol nauki no 3 80 65 '61

Complex effect of flickering light stimuli N N. Dmitrieva Nauch. dokl vys shkoly, biol nauki no 3 86-92 '61

Effect of darkness on the human electroencephalogram [with summary in English] I. N Sokolov Zhur. vys. nerv. deiat. 11 no. 3 391-101 My-Je '61

Effect of visible light, ultraviolet rays, and temperature on the metamerism of the fish body Report No 2. Effect of ultraviolet rays on the survival and body metamerism of Esox lucius L. and Acerina cernua L. [with summary in English] A I Liubitskaia, E A Dorofeeva. Zool. zhur. 40 no 7, 1046-1057 Jl '61

Features of the formation of gradual motor conditioned reactions in man and their significance for analysis of optical stimuli [with summary in English]. V G Samsonova. Zhur vys nerv deiat. 11 no. 3 402-407 My-Je '61.

Origin of the rhythmic reaction of the cerebral cortex to flickering light R M Meshcheriakii, G D. Smirnov Dokl AN SSSR 139 no 1, 245-248 Jl '61.

Photoperiodism in the fattening of swine [with summary in German]. A. IA. Klochkova Biul. nauch.-tekh. inform VIZH no. 2-27-32 '59.

LIGHT—SCATTERING

Computing the intensity distribution and polarization degree of the twilight sky taking into consideration the sphericity of the earth F F IUdalevich. Izv AN SSSR. Ser. geofiz no. 8:1199-1208 Ag '61

Scattering of light and the stability of solutions. L. I Lisnianskii Dokl AN SSSR 139 no 4:829-832 Ag '61

Theory of light scattering by a highly disperse system of spherical particles. S. D Tvorogov Izv vys uchib. zav., fiz. no 1 87-93 '61

LIGHT, WAVE THEORY OF

Wave resonance of light and gravitational waves [with summary in English] M. E. Gertsenshtein. Zhur. eksp. i teor. fiz 41 no. 1, 113-114 Jl '61.

LIGHT FILTERS

The use of color correcting devices in color photography. I. D. Naidis. Sov. krim na sluzh. sled no. 13:111-114 '59.

LIGHT QUANTUM see Photons

LIGHTING

Heat-resistant plastics in lighting engineering (from "Modern Plastics," no. 8, 1960). Plast. massy no 7: 74 '61.

Lighting turns on automatically. N. Boltaev. Zhil.-kom. khoz 11 no 7:15-16 Jl '61

LIGHTNING

Temperature of lightning and force of thunder [with summary in English]. IU N. Zhivliuk, S. L. Mandel'shtam. Zhur. eksp. i teor. fiz. 40 no. 2: 483-487 F '61.

LIGHTNING PROTECTION

Concerning the installation of lightning arresters in the pipes of building ventilating systems. IA. M. Bol'sham. Prom. energ. 16 no. 5:01 My '61.

Protection of distribution systems from overvoltages caused by lightning. N. V. Muravleva. Elektr. sta. 32 no. 4:68-73 Ap '61.

LIGHTWEIGHT CONCRETE

(see also subdivision under Stupino)

Akademiia stroitel'stva i arkhitektury SSSR. Institut betona i zhelezobetona, Perovo. [Instructions for the manufacture and use of large nonautoclaved cellular cinder-concrete articles] Instruktsiia po proizvodstvu i primeneniiu krupnorazmernykh izdelii iz nezavioklavnogo iacheistogo zolobetona. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 46 p.

Akademiia stroitel'stva i arkhitektury SSSR. Institut betona i zhelezobetona, Perovo. [Instructions for manufacturing lightweight concrete using artificial porous aggregates and hardened "porized" cement] Instruktsiia po izgotovleniiu legkikh betonov na iskusstvennykh poristykh zapolniteliakh s porizovannym tsementnym kamnem. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 21 p.

Arbolit for rural construction. V. Kunin, A. Khludtsev, G. Ratner. Sel'. stroi. 16 no. 6:21-22 Je '61.

Comparative characteristics of cellular materials. A. T. Baranov, K. I. Bakhtiiarov. Stroi. mat. 7 no. 7-26-30 Jl '61.

Condition of roofs of industrial buildings made of autoclaved cellular concrete. E. S. Silnenkov, R. A. Zarin. Prom. stroi. 39 no. 5:56-62 '61.

Effect of mixing intensity on the strength of gas silicates. E. P. Sidorov. Izv. AN Turk. SSR. Ser. fiz.-tekh., khim. i geol. nauk no. 3:95-97 '61.

Large-pore concrete made with porous aggregates I. A. Dikovskii. Bet. i zhel.-bet. no. 6:249-254 Je '61

LIGHTWEIGHT CONCRETE (Continued)

Manufacture of prestressed keramzit concrete slabs V E. Motornii Transp stroi 11 no 7:31-32 Jl '61

Panels made of foamed ash concrete for walls of industrial buildings. V V Makarichev, V G Trifonov. Prom stroi. 39 no 5:19-22 '61

Set of equipment for manufacturing keramzit in rural construction. N P Maksimovskii Stroi. i dor. mash 6 no. 7 33-34 Jl '61.

LIGHTWEIGHT CONCRETE—TESTING

Strength, rigidity, and fissure resistance in mesh-reinforced foamed slag concrete beams. S. M Skorobogatov, E Kh. Metsger. Trudy Ural. politekh. inst. no. 110: 50-56 '61.

LIGNIN

Phenolic hydroxyls in natural products M S. Knlazeva, M V. Stadnikova Izv. AN SSSR Otd tekh nauk Met i topl. no. 3:191-196 My-Je '61

LIGROINE

Individual hydrocarbon composition of the petroleums of Tataria Report No 5 Ligroine from the petroleum of the Bavly Oil Field B Le and others. Izv AN SSSR Otd. khim. nauk no. 7 1310-1315 Jl '61

LILINA, MARIIA PETROVNA, 1866-1943

Marija Petrovna Lilina. Moskva, Vseros. teatral'noe obshchestvo, 1960. 305 p.

LIME

Composition of over burned lime and causes of overburning A V Volzhenskii, B N Vinogradov Stroi mat 7 no 6 30-32 Je '61.

Concerning S F. Skorbilin's new formula for determining the amount of lime used in juice purification V S Vasilega. Sakh. prom 35 no. 7 21-26 Jl '61

Production of lime for manufacturing articles hardened by autoclave. S G Epifanovskii. Stroi mat. 7 no. 6: 11-15 Je '61

Thermomechanical lime slaker K. M. Korolev Mekh stroi 18 no 5:26 My '61

LIME—TESTING

Rapid determination of calcium oxide content in lime. L G. Varvinskaia Sbor. rats. predl vnedr v proizv. no 1:50 '61

LIMESTONE

(see also subdivision under Dzhida Valley)

Far Eastern limestone as additional mineral feed for growing pigs [with summary in German]. P. S Popekhina, IU. V Lebedev. Biul. nauch. -tekh inform VIZH no 2 30-33 '58.

Ultra- and microporosity of certain products of limestone metamorphism. A. F. Korzhinskii, A S Shur. Zap Vost. -Sib otd Vses. min ob-va no. 1, 109-113 '59.

LIMIT THEOREMS (PROBABILITY THEORY)

One limit theorem. V. IU. Krylov. Dokl. AN SSSR 130 no 1:20-23 Jl '61.

LIMITATION OF ACTIONS

Povetkv, G. A., and F. I. Gavze, eds. [Problems in Soviet civil and labor law] Voprosy sovetskogo grazhdanskogo i trudovogo prava. Minsk, Izd-vo Belgosuniversiteta im. V. I. Lenina, 1961. 125 p.

LIMNOLOGY see subdivision under Baikal, Lake

LINDEN

Effect of seed quality on seedling growth in the small-leaved linden tree. V. M. Litobchenka Vestsi AN BSSR Ser. biial nav. no. 2:35-40 '61

LINEAR DIFFERENTIAL EQUATIONS see Differential equations, Linear

LINEAR EQUATIONS

Compact scheme for the solutions of equations by the method of orthogonalization S. A. Smirnov Trudy MIIGAIK no. 44;35-38 '61.

Estimating the conditional state of normal equations. S L. Khublarova. Trudy TSNIIGAIK no. 135 75-84 '60.

Group relaxation method. S. A. Smirnov Trudy MIIGAIK no. 45:25-30 '61

Iteration methods of solving systems of linear algebraic equations occurring in the adjustment of geodetic networks. A. A. Abramov, S. L. Khublarova Trudy TSNIIGAIK no. 135;63-74 '60.

Majorant equations. A. E. Gel'man. Dokl. AN SSSR 139 no 2:283-285 Jl '61

New numerical pattern of the algorism for Chebyshev's approximation for an incompatible system of linear equations and a system of linear inequalities. S. I Zukhovitskii. Dokl AN SSSR 139 no. 3:534-537 Jl '61.

Phragmén-Lindelof type theorem for a linear elliptic system. I. S. Arshon. Dokl. AN SSSR 139 no. 2:271-274 Jl '61.

Solution of insufficiently conditioned systems. S. A. Smirnov. Trudy MIIGAIK no. 45, 31-34 '61.

Solution of linear equation systems on electronic digital computers. B. F. Magus'kin, A. P. Tishchenko Trudy MIIGAIK no. 45, 83-90 '61.

LINEAR PROGRAMMING

Complements to the algorism for the solution of the generalized problem of linear programming S I Zukhovitskii Dokl AN SSSR 139 no. 1:783-786 Ag '61.

Let's improve planning methods. L. Gankina. Sov torg. 34 no. 6;33-34 Je '61

LINEN

Modernize the assortment of linen fabrics taking into account consumers' requirements V B Pavlovskii, D IA Vlaskur Tekst. prom. 21 no. 4;8-10 Ap '61

LINKS AND LINK MOTION

Designing flat four-bar linkages according to given conditions in a certain position V. IA. Beleiskii. Izv vys uchob zav., mashinostr. no 6 16-22 '61

LINOLEUM

S-661 vibration roller. A. D. TSvetkov. Mekh. stroi 18 no 6;25-26 Je '61

LIPETSK—INSURANCE, SOCIAL

Community workers check up. I. Panchenko. Okhr. truda i sots strakh 4 no 6-7-8 Je '61

LIPETSK—TRACTOR INDUSTRY—HYGIENIC ASPECTS

Community workers check up. I Panchenko. Okhr truda i sots strakh 4 no. 6 7-8 Je '61.

LIPETSK PROVINCE—CREATIVE ACTIVITIES AND SEAT WORK

Work lessons in primary grades M. V. Pupynin. Nach. shkola 20 no 7;47-50 Jl '61.

LIPETSK PROVINCE—EDUCATION, ELEMENTARY

How I prepared for my work in the first grade. L L. Khabal Nach shkola 20 no 7;50-53 Jl '61

LIPETSK PROVINCE—POLITICS AND GOVERNMENT

Perelygin, N. S. [For the power of the Soviets; struggle of the workers for the establishment and consolidation of Soviet power in Lipetsk Province] Za vlast' Sovetov, bor'ba trudiashchikhsia za ustanovlenie i uprochenie Sovetskoi vlasti na territorii Lipetskoi oblasti. [Lipetsk] Lipetskoe knizhnoe izd-vo, 1960. 95 p.
(MH)

To supervise means to ensure the execution of assignments. V. Dokukin. Sov. deput. trud. no. 8:45-48 Ag '61.

LIPIDOSIS

Psychosis in lipogranulomatosis (disseminated and with abscesses) E. S. Arutiunov, Z. P. Zubareva. Zhur. nevr i psikh. 61 no 5-750-755 '61

LIPIDS

Lipides. Part 8: Synthesis of α,β-dilinoleoin. V. I. Shvets, L V Volkova, N A Preobrazhenskii. Zhur. ob khim 31 no 7, 2181-2183 Jl '61.

LIPOPROTEINS

Effect of a low-salt diet with restriced fats on the dynamics of lipoproteins in the blood serum of patients with atherosclerosis. V. I. Anisimov. Vop. pit. 19 no 2: 18-22 Mr-Ap '60

Preventive effects of β-lipoprotein immunization on the development of experimental cholesterol atherosclerosis. S. Goro and others. Vest. AMN SSSR 16 no. 3:20-27 '61.

LIPS—CANCER

Khatiashvili, T. [Comparative evaluation of methods for radiation treatment of lip cancer. Sravnitel'naia otsenka metodov luchevogo lecheniia raka gub. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR] 1959. 33 p. [In Georgian with summary in Russian.]
(DNLM)

LIPETSK—STEELWORKS—EQUIPMENT AND SUPPLIES

Assembling an electric steel smelting furnace. -M, L, Levin. Mont. i spets. rab. v stroi. 23 no. 7;5-7 Jl '61.

LIQUID FUELS

Economic effectiveness of converting dryers to liquid fuel E. Tolkovets, A Seitov. Muk. -elev. prom 27 no. 7-20 Jl '61.

Experimental determination of the heat capacity of liquid fuels at different temperatures and pressures. S. N. Platibratov. Trudy MAI no. 132;31-44 '61

Experimental investigation of the saturated vapor pressure of some liquid aviation fuels, and the calculation of heats of vaporization. S. N. Sokolov, IU. V. Tarlakov Trudy MAI no. 132;116-122 '61.

Investigating the surface tension of kerosene T-1, gasoline B-70, and liquid fuel T-5. L. D Voliak. Trudy MAI no 132;63-78 '61.

Viscosity of gasoline B-70, kerosene T-1, and fuel T-5 in liquid and gaseous phases at elevated temperatures. N. I Kopylov. Trudy MAI no. 132;45-57 '61.

Viscosity of gasoline B-70, kerosene T-1, and fuel T-5 at low temperatures. N. I. Kopylov, E. P. Sirotina. Trudy MAI no. 132;58-62 '61.

LIQUID FUELS—THERMAL PROPERTIES

Equations for calculating the thermal conductivity of liquid fuels. S A Lapushkin Trudy MAI no 132;109-115 '61

Thermal conductivity of gasoline B-70, kerosene T-1, and fuel T-5 in the liquid phase A V Koziukov. Trudy MAI no 132,94-108 '61

LIQUID HELIUM—ISOTOPES

Theory of the stratification of a mixture of nonideal Fermi and Bose-gases V G Zelevinskii Izv vys uchob zav., fiz. no 1 51-62 '61

LIQUID LEVEL INDICATORS

Manometer-type water level indicator I D. Bohdan Mekh sil' hosp 12 no 8-24-25 Ag '61

LIQUID METALS

Connection between metal and alloy properties in solid and liquid states A M Korol'kov. Izv AN SSSR Otd tekh. nauk Met. i topl no 3 146-147 My-Je '61

Existence of interaction between particles in diluted liquid metal solutions N L Pokrovskii Izv AN SSSR, Otd, tekh. nauk, Met. i topl no. 3,122-121 My-Je '61

Investigating the structure of liquid metals. O. IA. Samoilov Izv AN SSSR Otd tekh. nauk, Met i topl. no. 3,116-118 My-Je '61

Isotherm of the surface energy of liquid silicon-iron alloys P V. Gel'd, M. S. Petrushevskii. Izv AN SSSR Otd tekh. nauk Met i topl no 3:160-162 My-Je '61

Results of the discussion on the structure and properties of liquid metals V M Glazov, A. A Vertman, E G. Shvidkovskii Izv. AN SSSR Otd tekh. nauk Met, i topl no 3;104-115 My-Je '61

Some aspects of the theory of metal alloys. M. I. Shukharanov, Izv. AN SSSR Otd tekh. nauk, Met. i topl. no. 3 118-120 My-Je '61.

Structure and properties of liquid metals. A. Grbek. Izv AN SSSR Otd. tekh. nauk Met i topl no. 3;120-121 My-Je '61

Study of molten metals. F. Zauerval'd. Izv. AN SSSR, Otd. tekh. nauk, Met. i topl. no. 3;115-116 My-Je '61.

LIQUID METALS—METALLOGRAPHY

Quasieutectic structure of liquid eutectics. G. M. Bartenev. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no 3 138-140 My-Je '61.

X-ray study of the structure of liquid metals. A V. Romanova. Izv AN SSSR. Otd tekh nauk Met i topl. no. 3;133-136 My-Je '61

LIQUIDS—COMPRESSIBILITY see Compressibility

LIQUIDS—ELECTRIC PROPERTIES

Contactless method for the determination of the conductivity and dielectric constant of liquids [with summary in English]. S V. Usikov Zhur fiz khim 35 no 7: 1488-1493 Jl '61

LISKI DISTRICT—SHEEP

Meat and wool production of Lincoln×Mikhnov sheep of Liski District in Voronezh Province [with summary in German] G. A. Kuts. Biul. nauch. -tekh. inform. VIZH no. 2;48-52 '59

LISTERIOSIS

Peculiarities of listerellal psychoses [with summary in French]. A. N. Timofeeva, T. K. Kashkarova, E. IA. Gribanovskaia Zhur nevr i psikh 61 no 5 739-746 '61.

LITERATURE

Meilakh, B. S. [V. I. Lenin and literature] V. I. Lenin i khudozhestvennaia literatura. Moskva, Znanie, 1960. 46 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6: Literatura i iskusstvo, no. 11)
MH

LITERATURE—BIBLIOGRAPHY see Bibliography—Literature

LITERATURE—HISTORY AND CRITICISM

Abramovich, G. L. [Introduction to literary criticism; a manual for pedagogical institutes] Vvedenie v literaturovedenie; posobie dlia pedagogicheskikh institutov. Izd. 3, ispr. i dop. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 402 p.

Akademiia nauk SSSR. Institut mirovoi literatury. Socialist realism in foreign literatures] Sotsialisticheskii realizm v zarubezhnykh literaturakh. Moskva, Izd-vo Akad. nauk SSSR, 1960. 348 p.
(NIC)

LITERATURE—HISTORY AND CRITICISM—BIBLIOGRAPHY see Bibliography—Literature—History and criticism

LITERATURE AND SCIENCE

Reason, progress, communism. Znamia 31 no. 8: 200-203 Ag '61.

LITHIUM

Investigating the reactivity of phenyllithium by means of exchange reactions G A Razuvaev and others Zhur ob khim. 31 no 7:2347-2349 Jl '61

Oxidation of triphenylaluminum and phenyllithium G.A Razuvaev, E.V Mitrofanova, G.G Petukhov Zhur ob khim 31 no 7 2343-2347 Jl '61

LITHIUM FLUORIDE

Ternary system consisting of lithium, calcium, and strontium fluorides Z. A Mateiko, G A. Bukhalova Zhur neorg khim. 6 no 7,1728-1730 Jl '61

LITHIUM OXALATE

Solubility of lithium oxalate in water at various temperatures G A Andreev, B P Aleksandrov Zhur neorg khim. 6 no 7:1727-1728 Jl '61

LITHIUM SULFATE

Interaction in solutions of indium sulfate and lithium and cesium sulfates E N. Delchman. Zhur neorg khim, 6 no. 7:1677-1680 Jl '61

LITHUANIA—AGRICULTURAL MACHINERY

At the exhibition of agricultural machinery in Lithuania. G.Baranauskas. Tekh.v sel'khoz. 21 no.8:91 Ag '61.

LITHUANIA—DRAINAGE

Tile drainage in Lithuania E Andrijauskaite Gidr i mel. 13 no 7-40-43 Jl '61

LITHUANIA—FARM MECHANIZATION

Machinery operators are our real helpers I. Sterkin Sel'. mekh no. 7 13-15 '61

LITHUANIA—FRESH-WATER FLORA

Distribution of some rare macrophytes in lakes of the eastern and southern parts of the Lithuanian S S. R. I V. Sarkinlene. Nauch dokl vys shkoly, biol nauki no 3:129-133 '61

LITHUANIA—GEOGRAPHICAL SOCIETIES

Brief operation survey of the Geographical Society of the Lithuanian S S R K Beliukas. Izv Vses geog ob-va 93 no 4:371-373 Jl-Ag '61.

LITHUANIA—HIGHWAY TRANSPORT WORKERS

Progressive automotive transportation unit G. Kižemianskis Avt. transp 39 no. 6 6-8 Je '61.

LITHUANIA—SIDEWALKS

Sidewalks made of concrete slabs. A. Misiukas. Zhil-kom. khoz 11 no. 5 8-9 My '61

LITHUANIA—SWANS

Materials on the biology of the mute swan in Lithuania. M. L Valius. Ornitologiia no. 2:221-227 '59.

LITHUANIA—TEXTILE INDUSTRY

Scientific Technical Conference at the Kaunas Polytechnical Institute Izv. vys ucheb zav., tekh. tekst prom no. 3:159-160 '61.

LITHUANIA—WATT-HOUR METER

News from the factories. Prom. energ. 16 no. 5:54 My '61.

LIVER

Comparative action of oxygen and carbon dioxide on some metabolic and enzymatic processes of the liver. K. Stoichescu, A. M. Zirra, L. A. Voicu Vop. kur., fizioter. i lech fiz. kul't. 26 no 3 227-229 My-Je '61.

Kiknadze, V. D. [Materials for an investigation of the influence of the liver on the processes of hemopoiesis] Materialy k izucheniiu vlitianiia pecheni na protsessy krovetvorenita. Tbilisi, Gos. izd-vo "Sabochota Sakartvelo," 1960. 77 p. (Opyt sovetskoi meditsyny)

LIVER—DISEASES

Konovalov, N. V. [Hepatocerebral dystrophy] Gepatotserebral'naia distrofiia. Moskva, Medgiz, 1960. 555 p.
(DNLM)

LIVER—TUMORS

Difference in the sensitivity to propyl gallate in tissues of hepatoma and normal liver. E S. Elkhovskaia and others. Dokl AN SSSR 139 no. 4:996-998 Ag '61.

LIVER EXTRACT

Effect of liver extract on weight gains in rabbits [in Armenian with summary in Russian] M. M. Leonov, M. P Manvelian, A. E Gegamian. Izv. Upr. sel'khoz. nauki Arm. SSR 4 no. 3 97-99 '61.

"Hepavit," a new vitamin-rich liver preparation, its raw materials and production R. K. Aliev and others Izv. AN Azerb. SSR. Ser biol i med nauk 3 95-100 '61

LIVERWORTS

Interesting case of columellar proliferation in Marschantia polymorpha. G. F. Trubitskii. Biul. MOIP. Otd. biol. 66 no. 4:116-117 Jl-Ag '61.

LIVONIAN GOVERNMENT—AGRICULTURE

The development of productive forces in the manorial estates of the Livonian Government from 1820 to 1860 Z. K. IAnel'. Ist. SSSR 5 no. 4.131-150 Jl-Ag '61

LIZARDS see subdivision under Kuglitang-Tau

LOADING AND UNLOADING

Artem'ev, A. V., and A. A. Voskresenskii. [Loading and unloading machines and mechanisms] Pogruzochno-razgruzochnye mashiny i mekhanizmy. Moskva, Izd-vo "Rechnoi transport," 1961. 409 p.

Ermakov, S. F. [Guide to the establishment of norms for loading and unloading operations] Posobie normirovshchiku pogruzochno-razgruzochnykh rabot. Moskva, Izd-vo "Rechnoi transport," 1961. 136 p.

Lumber loading in packages D. I Vlasov, A. E. Shcherbakov. Zhel dor transp 43 no 6 63-64 Je '61.

Mechanizing the unloading of cement at storage points. N. F. Ermakov Mekh strol 18 no 6 5-9 Je '61

Morozov, V. I. [Organization and mechanization of loading and unloading operations in truck transportation] Organizatsiia i mekhanizatsiia pogruzochno-vygruzochnykh rabot na avtomobil'nom transporte, iz opyta raboty "Mosgormekhpogruz." Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 79 p.

New fork grab of the automatic lift truck for handling lumber during the preservative treatment in packages G. N Kharitonov, IU M IUr'ev Der. prom 10 no 6 12-13 Je '61.

New unloading unit for automobile trains V Boev. Avt transp 39 no 6,15-16 Je '61

Over-all mechanization of loading and unloading operations A. IA Samodumov, N I Vinogradov Zhel dor transp 43 no 7 71-76 Jl '61

Self-propelled auger grain loader. E Grinberg Muk.-elev prom 27 no 6 16-17 Ag '61

Trends in the development of the mechanization of loading and unloading operations in foreign countries B A Dlugach. Zhel dor. transp. 13 no 6 90-92 Je '61

Unloader for loose materials. L V Zhukovskii. Avt dor. 24 no 6 3 of cover Je '61

Unloading truck trailers at the Petropavlovsk Grain Elevator I. Kashcheev Muk.-elev prom 27 no 7 15 Jl '61

Using mobile loading machines at the grain elevator of TSelinograd K Ryzhov Muk.-elev. prom 27 no 7 14 Jl '61

Which organization should deal with the loading and unloading of freight? Avt transp 39 no 6 35-37 Je '61

LOANS

Calculating the security for bank loans A. Evenchik Sov potreb. koop 5 no. 8:56-57 Ag '61

LOBBYING

Lobbyism is bribery protected by law. O. IUr'ev. Mir. ekon. i mezhdunar. otn. no. 8:119-127 Ag '61.

LOCAL GOVERNMENT

(see also subdivision under Czechoslovakia)

Brief news of the work of the soviets. Sov. deput. trud. no. 8 101-102 Ag '61.

Extension of the jurisdiction of settlement soviets. E Baionov Sov gos. i pravo no. 11:80-85 N '60.

From the editor's mail. Sov. deput. trud. no. 8:71-72 Ag '61.

"How the supreme governmental organs of the Union Republics supervise the work of the local soviets of workers' deputies" by IU. A. Tikhomirov, I. M. Stepanov. Sov. deput. trud no. 8:87-88 Ag '61.

[Instructions for the deputies of local soviets] Pamiatka deputata mestnogo Soveta. Moskva, Gos. izd-vo iurid. lit-ry, 1961 156 p.

Some problems in the generalization of the progressive experience of local soviets. N. G. Starovoitov Sov. gos. i pravo 31 no 8 112-116 Ag '61.

"Soviet organs of local government, from 1921 to 1936" by A I. Lepeshkin Reviewed by K. F. Kotov, V. A Kim Sov. gos i pravo no. 11:124-126 N '60

The work of deputies in the standing committees of local soviets. V. Vasenin, M. Zemlianskii. Sov. deput. trud. no. 8:91-95 Ag '61.

LOCAL GOVERNMENT—ACCOUNTING

Accounting centralization in rural soviets V. IAkimov. Bukh uchet 18 no 6 4-8 Je '61

LOCAL GOVERNMENT—BIBLIOGRAPHY see Bibliography—Local government

LOCAL GOVERNMENT—STUDY AND TEACHING

We continue to discuss the article of K. Monichev, IA. Umanskii, and E. Kozlova. Sov. deput. trud. no. 8: 82-86 Ag '61.

LOCAL HISTORY

P. I Mel'nikov-Pecherskii's studies in the field of local history. D. G. Lavrov, F A. Pesikin. Ist SSSR 5 no. 4:151-154 Jl-Ag '61.

LOCAL TRANSIT

(see also subdivision under Moscow)

Galonen, IU. M. [Urban passenger transportation] Gorodskoi passazhirskii transport. Moskva, Izd-vo "Znanie," 1961. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 4, Tekhnika, no. 11)

LOCKJAW see Tetanus

LOCOMOTIVE ENGINEERS

A better way to organize the work of locomotive engineer instructors I F Panin Elek i tepl tiaga 5 no 5 18-19 My '61.

LOCOMOTIVES

(see also subdivision under Kolomna)

Concerning some unsolved problems about the improvement of working conditions on locomotives E D Brenner. Elek i tepl tiaga 5 no 5 29-30 My '61.

Efficient methods of firing locomotives with fuel oil M M. Entenzon Zhel dor transp. 43 no. 6 66-69 Je '61.

Oberemko, I. I. [Locomotives of the U. S. S. R., 1917-1952] Lokomotivnyi park SSSR, 1917-1952 g.g. Chicago, 1954. [typescript]
(MIU) [MICROFILM]

Vibrational-arc building up of worn locomotive parts P V Eremeev, N G Pustovoit. Elek. i tepl tiaga 5 no. 5 22-23 My '61

LOCOMOTIVES—CONSTRUCTION

Analyzing the causes of damage in welded locomotive structures at low operating stresses. M. M Krakhik, V. B. TSkipurishvili. Vest TSNII MPS 20 no. 4,28-31 '61.

Industry-wide conference on locomotive construction Zhel. dor transp 43 no 6:76-77 Je '61.

LOCOMOTIVES—MAINTENANCE AND REPAIR

Abramov, P. T., and others. [Replacing bronze and babbitt with zinc alloys; practices of repair shops and stations for locomotives and railroad cars] Primenenie tsinkovogo splava vzamen bronz i babbitov, opyt lokomotivo-vagonoremontnykh zavodov i depo. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 71 p.

News for locomotive engineers and servicing personnel Elek i tepl tiaga 5 no 5,12 My '61.

Once more about the training of locomotive servicing brigades N V Sergeev and others. Elek i tepl tiaga 5 no. 5 44 My '61.

LOESS

(see also subdivision under Caucasus, Northern; Syr Darya Valley)

Calculating sag deformations of loess soils. G. M. Lomize Gidr. stroi 31 no. 7:39-41 Jl '61

Effect of moisture on compression and slump in macroporous loesslike soils. B. I. TSIunchik. Izv. vys. ucheb. zav.: strol. i arkhit. 4 no. 2:31-39 '61.

Foundations on pedestals formed by blasting in loess soil I. Kutsakov, M. Gorlachkovskii Stroi. i arkhit. 9 no. 6 22-23 Je '61.

Laboratory determination of the settling of loess. V. N. Golubkov. Izv. vys. ucheb. zav.; geol. i razv. 4 no. 1:94-99 Ja '61.

Percolation capacity of loess. F. V. Molchanov. Izv. vys. ucheb. zav.: strioi. i arkhit. 4 no. 2:46-53 '61.

LOEWINSON-LESSING, FRANTS IUL'EVICH, 1861-1939

Outstanding Soviet scientist and teacher; on the 100th anniversary of the birth of Academician Frants Iul'evich Levinson-Lessing. V. K. Monich, A. N. Nurlybaev. Izv. AN Kazakh. SSR. Ser. geol. no. 2:104-105 '61.

LOGIC

President of the Rumanian Academy of Sciences has visited the Faculty of Philosophy of Moscow University M. Gandrabura Vest. Mosk. un. Ser 8. Ekon., filos 16 no. 1 92-94 Jl-Ag '61.

Significance of V. I. Lenin's work "Materialism and empiric criticism" for the critical evaluation of formalist trends in present-day logic. I S. Ladenko Trudy TGU 149.81-87 '60

LOGIC, SYMBOLIC AND MATHEMATICAL

Calculus of statements with complementary operations IA S. Smetanich. Dokl AN SSSR 139 no. 2:309-312 Jl '61

Densities of hyperimmune sets. E. A. Pavlova Dokl. AN SSSR 139 no. 4:814-817 Ag '61

The role of symbolization and formalization in scientific cognition. V. A Smirnov. Trudy TGU 149.61-65 '60

Transformation of programs for solving complex logical problems to the optimum form. S. N. Razumovskii Dokl. AN SSSR 139 no. 3:562-565 Jl '61.

LOGICAL POSITIVISM

Neopositivist conception of analytic and synthetic knowledge in the light of critical evaluation of Ernst Mach's theory of Lenin E. D. Smirnova. Trudy TGU 149 75-80 '60

LOGISTICS

Leninist concern for the service troops of the armed forces. S Okulov, A. Savinov. Tyl i snab Sov Voor. Sil 21 no. 4 7-14 Ap '61

Shift of rear echelon units during an offensive. I. Sizov. Tyl i snab Sov. Voor. Sil 21 no. 4 34-37 Ap '61.

Some peculiarities in supplying troops from the rear in desert areas. P. Trifonov, G. Ashin Tyl i snab Sov Voor Sil 21 no. 4 44-46 Ap '61.

LOMONOSOV, MIKHAIL VASIL'EVICH, 1711-1765

Founder of the Russian natural science; on the occasion of the 250th anniversary of M. V. Lomonosov's birth A. D. Sukhov. Biol. v shkole no. 1:71-75 My-Je '61

Glory and pride of Russian culture, 250th anniversary of M. V. Lomonosov's birth. Nauch. dokl. vys. shkoly, biol. nauki no. 3:9-13 '61

Kuznetsov, D. G. [The creative path of Lomonosov] Tvercheskii put' Lomonosova. Moskva, Izd-vo Akad. nauk SSSR, 1961. 373 p.

M. V. Lomonosov and soil science. N. P. Remezov. Nauch. dokl. vys. shkoly, biol. nauki no. 3:14-17 '61

M. V. Lomonosov as a historian of our homeland. B. I. Krasnobaev. Prep. ist. v shkole 16 no. 4:35-42 Jl-Ag '61

Penchko, N. A. [The establishment of Moscow University] Osnovanie Moskovskogo universiteta. [Moskva] Izd-vo Mosk. univ., 1952. 173 p. (MH)

Radovskii, M. I. [M. V. Lomonosov and the Petersburg Academy of Sciences] M. V. Lomonosov i Peterburgskaia Akademiia nauk. Moskva, Izd-vo Akad. nauk SSSR, 1961. 334 p.

LOMONOSOV DISTRICT—CORN (MAIZE)

Mel'nikov, S. V., and S. P. Rykhtikov. [Over-all mechanization of corn cultivation on the "Bol'shevik" State Farm in Lomonosov District, Leningrad Province] Opyt kompleksnoi mekhanizatsii vozdelyvaniia kukuruzy v sovkhoze "Bol'shevik", Lomonosovskii raion Leningradskoi oblasti. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 60 p. (DA)

LONDON—EXHIBITIONS

Earls Court, exhibition hall in London. R. Kliks. Vnesh. torg. 41 no. 6:31-32 '61.

Exhibits relate.... B. Volonov, V. Kostromtsov. Prof.-tekh. obr. 18 no. 7:31-32 Jl '61

LONDON—THEATER

Strangers to one another and not needed by anyone. N. Loseva. Teatr 22 no. 7:191-192 Jl '61

LONDON—WATER PIPES

New 30 km. water pipe in London. A. Fain. Zhil.-kom. khoz. 11 no. 6:34-35 Je '61

LONGEVITY

Let's live at least a hundred years! G. Z. Pitskhelauri. V zashch. mira no. 8:65-69 Ag '60.

LOOMS

Kinematics of the three-dimensional mechanism of the harness lifting dobbies on looms. P. A. Lebedev. Izv. vys. ucheb. zav.; tekh. tekst. prom. no. 3:135-142 '61.

Possibility of increasing the speed of automatic looms by means of unbalancing the speed of the main shaft with springs. L. M. Raikunova. Izv. vys. ucheb. zav.; tekh. tekst. prom. 3:77-83 '61.

LOOMS—MAINTENANCE AND REPAIR

Ortsin, N. K., V. M. Valenyshev, and I. I. Zhurov. [Repair of automatic "AT" looms] Remont avtomaticheskikh tkatskikh stankov tipa "AT." [Ivanovo] Ivanovskoe knizhnoe izd-vo, 1960. 142 p.

LOSINOVKA DISTRICT—AGRICULTURE—STUDY AND TEACHING

Educational and research work of students. V. S. Ias'. Rad. shk. 40 no. 5:38-41 My '61.

LOTSMANOV, ANDREI VASIL'EVICH, 1807-

From the history of Russian free thought in the early 19th century. L. A. Kogan. Vest. ist. mir. kul't. no. 3:101-114 My-Je '61.

LOTUS

Biological and anatomicomorphological characteristics of lotus (Nelumbium nuciferum Garth). K. A. Lukomskaia. Uch. zap. Ped. inst. Gertsa. 178:173-179 '59.

Sacred lotus and its cultivation. I. F. Gritsenko. Biol. v shkole no. 3:66-68 My-Je '61

LOUDSPEAKERS

Loudspeaker communication. V. F. Budzinskii, V. K. Kustian. Vest. protivovozd. oborony no. 5:78-80 My '61

LOVE

Friendship, love, and the integrity of Soviet soldiers. I. Selishchev. Blok. agit. [Sov. Armii] no. 17:31-36 Je '61.

Love ennobles the life of soldiers; comments on I. Selishchev's article "Friendship, love, and the integrity of Soviet soldiers." Blok. agit. [Sov. Armii] no. 21:35-41 Jl '61.

LOVOZERO TUNDRAS—SCHAIRERITE

Chlorine-free schairerite from nepheline syenites of the Lovozero Massif (Kola Peninsula). L. N. Kogarko. Dokl. AN SSSR 139 no. 2:435-437 Jl '61.

LOW-TEMPERATURE METALS see Metals at low temperatures

LOW TEMPERATURE RESEARCH

Anisotropy of the longitudinal thermomagnetic Nernst-Ettingshausen effect of magnetite in the low-temperature transition region. N. I. Davidenko, A. A. Samokhvalov, I. G. Fakidov. Fiz. tver. tela 3 no. 6:1650-1653 Je '61

Neutron diffraction study of the crystalline structure of solid hydrogen and deuterium. Zhur. eksp. i teor. fiz. 40 no. 4:1022-1026 Ap '61

Theory of the stratification of a mixture of nonideal Fermi and Bose-gases. V. G. Zelevinskii. Izv. vys. ucheb. zav., fiz. no. 1:54-62 '61

When atoms become "still." I. Radunskaia. Nauka i zhizn' 28 no. 6:26-30 Je '61.

LOWER TUNGUSKA VALLEY—GEOLOGY, STRATIGRAPHIC

Devonian stratigraphy of the interfluve of the Stony and Lower Tunguska Rivers. A. A. Borschchinkina and others. Trudy VAGT no. 7:133-139 '61.

LOWER TUNGUSKA VALLEY—KARST

Tuff karst in the basin of the Lower Tunguska River. A. G. Zolotarev. Trudy Irk. un. 24:37-41 '58

LOZOVYI, IURII IVANOVICH

IU. I. Lozovyi, Lenin Prize winner. V. Grabovs'kyi. Nauka i zhyttia 11 no. 6:43-44 Je '61

LUBOVSKOI, VLADIMIR ALEKSANDROVICH, 1901

Are there any water nymphs in Russia? Pavel Nilin. Ogonek 39 no. 28:25-26 Jl '61

LUBRICATION AND LUBRICANTS

Antiputting properties of oils. G. S. Krivoshein, M. D. Bezborod'ko. Khim. i tekh. topl. i masel 6 no. 6:47-51 Je '61.

Boundary lubrication layers on the surface of plastics. A. A. Kul'kov, G. V. Vinogradov. Plast. massy no. 7:38-41 '61.

Changing the design of the valve lubricator. I. A. Knnarskii, G. A. Frolov. Sbor. rats. predl. vnedr. v proizv. no. 1:54-55 '61.

Cheap lubricant for molds. Sel'. stroi. 16 no. 6:28 Je '61.

Device for lubricating and cleaning hoisting ropes. V. I. Makoichev. Sbor. rats. predl. vnedr. v proizv. no. 2:10-11 '61

Effect of the nature of sulfur organic compounds in oil on the running-in and the initial wear of metallic friction surfaces. M. G. Voronkov, G. P. Sharonov, V. V. Dolbin. Zhur. prikl. khim. 34 no. 7:1562-1569 Jl '61.

Investigation of the lubricating properties of the molecular layers of organic lubricants. I. S. Avetisian, G. I. Pipfanov. Izv. vys. ucheb. zav., fiz. no. 1:171-172 '61.

Lubricator nozzles and pressure lubricator. V. Kanaev. Avt. transp. 39 no. 6:22-23 Je '61

Unit for lubricating steel cables. A. I. Vakher, A. K. Shul'ts. Mekh. stroi. 18 no. 6:16-17 Je '61.

LUBRICATION AND LUBRICANTS—SAFETY MEASURES

Device for the suction of oil vapors. V. I. Sakhno, S. E. Artukh. Sbor. rats. predl. vnedr. v proizv. no. 1:8 '61

LUBRICATION AND LUBRICANTS—SPECTRA

Determination of metal impurities in lubricating oils. V. A. Zhukaeva, A. S. Nikonova, N. V. Bukina. Zav. lab. 27 no. 7:855 '61

LUGANSK—LARD

Technological improvement in lard production. S. Orshanskii. Miasn. ind. SSSR 32 no. 3:48-49 '61

LUGANSK PROVINCE—COAL MINES AND MINING

What's behind the general indices. Sov. shakht. 10 no. 3:40 Mr '61.

LUGANSK PROVINCE—EVENING AND CONTINUATION SCHOOLS

Pedagogical practice in the schools for working youth. V. Zaitsev, A. Kolot. Rad. shk. 40 no. 5:66-71 My '61.

LUGANSK PROVINCE—HIGHWAY TRANSPORT WORKERS

Center for the exchange of advanced practices. A. Antonov, B. Safonov. Avt. transp. 39 no. 6:9-10 Je '61.

LUGANSK PROVINCE—MINE TIMBERING

At a fast pace. A. Bronnikov. Sov. shakht. 10 no. 3:18 Mr '61.

LUGANSK PROVINCE—STUDENT TEACHING

Practice teaching in boarding schools. V. Pilipenko. Shkola-int. no. 3:83-87 My-Je '61.

LUGGAGE

New field luggage. A. Bernikov. Tyl i snab. Sov. Voor. Sil 21 no. 4:65 Ap '61.

LUMBER

Yield of lumber from crooked logs in the various methods of sawing unedged boards. F. L. Fishkins. Der. prom. 10 no. 6:13-14 Je '61.

LUMBER—DRYING

Autoclave-type drying chamber for lumber. A. D. Taranenko. Der. prom. 10 no. 7:4-5 Jl '61.

Elastic-plastic properties of wood as related to the stresses and deformations during its drying. P. S. Sergovskii, V. N. Bykovskii, V. O. Samuilo. Der. prom. 10 no. 6:3-6 Je '61

Modernization of the cooler section of the SUR-4 roller dryer. IU. M. Oshurkov. Der. prom. 10 no. 6:20-21 Je '61.

LUMBER—MENSURATION

Geometrical measuring of lumber. A. P. Kalinovskii. Les. prom. 39 no. 7:22-24 Jl '61

LUMBER—STORAGE see subdivision under Kondopoga region

LUMBER—TRANSPORTATION

Floating or land transportation of lumber? A. A. Gonik, I. G. Apteikman. Les. prom. 39 no. 7:29-30 Jl '61

"Land transportation of lumber" by V. V. Buvert and others. Reviewed by I. I. Gavrilov. Les. prom. 39 no. 7:32 Jl '61.

Lumber loading in packages. D. I. Vlasov, A. E. Shcherbakov. Zhel. dor. transp. 43 no. 6:63-64 Je '61.

Zav'ialov, M. A. [Central control system on logging roads, textbook for forestry and lumbering schools] dispetcherizatsiia na lesovoznykh dorogakh, posobie dlia lesotekhnicheskikh shkol. Moskva, Goslesbumizdat, 1960. 143 p.

LUMBER TRADE—TECHNOLOGICAL INNOVATIONS

Safe way of picking timber piles. F. Tishenin. Okhr. truda i sots. strakh. 4 no. 6:10 Je '61

LUMBERING

(see also subdivision under Karelia, Yakutia)

Akindinov, M. V. [Procurement and sawing of logs into blocks for the manufacture of gunstocks] Zagotovka i razdelka kriazhei na lozhevye bolvanki. Moskva, Gos. Lesotekhnicheskoe izd-vo, 1948. 28 p. (DA)

Efforts for completing the seven-year plan. F. Varaksin. Les. prom. 39 no. 7:1-2 Jl '61

Eliminating skidding operations in lumber transportation. G. M. Parfenov and others. Les. prom. 39 no. 7:10-11 Jl '61

Profitableness of sawing up defective long logs. IU. R. Hokshanin, I. P. Rodionov. Les. prom. 39 no. 7:27-28 Jl '61

Technical information. Les. prom. 39 no. 7:28 Jl '61.

LUMBERING—ACCOUNTING

Accounting by weight and piece is needed. V. P. Smirnov. Les. prom. 39 no. 7:21 Jl '61

LUMBERING—EQUIPMENT AND SUPPLIES

Moisture protective plaster for wood. Sel'. stroi. 16 no. 6:31 Je '61

LUMBERING—MACHINERY

(see also subdivision under Mari A.S.S.R.)

Dressler, M., and I. Adamek. [Partial aerial skidder] Polupodvesnaia trelevochnaia ustanovka. Moskva, Goslesbumizdat, 1960. 36 p. (DA)

Logging machinery and equipment. K. Privalovskii. Sel'. stroi. 16 no. 6:16-17 Je '61.

Multi-purpose machine for work in the forest (from "Timberman," no. 2, 1960). Les. prom. 39 no. 7:31 Jl '61.

Over-all mechanization of logging and reforestation operations. I. I. Gavrilov, V. I. Mel'nikov. Les. prom. 39 no. 7:12-13 Jl '61.

Using cable cranes for skidding lumber. M. I. Tsatlakov. Les. prom. 39 no. 7:24-25 Jl '61.

LUMINESCENCE

Detailed study of the mechanism of the luminescence of NaCl - Ni phosphors. I. A. Parfianovich, E. I. Shuraleva. Izv. vys. ucheb. zav., fiz. no. 1:94-97 '61

Output of radioluminescence of organic substances. Z. A. Chizhikova. Trudy Fiz. inst. 15:178-228 '61.

Stoilarov, K. P. [Luminescent methods of the detection and determination of inorganic ions; stenographic report] Metody lyuminestsentnogo otkrytiia i opredeleniia neorganicheskikh ionov, stenogramma doklada. Leningrad, Leningr. Dom nauchno-tekhn. propagandy, 1961. 45 p.

LUMINESCENT SUBSTANCES

Luminescent agents in petroleum. L. I. Al'perovich and others. Uch. zap. Tndzh. un. 18:83-94 '58.

LUMINOL

Chemiluminescent catalytic reaction in the system luminol - copper - hydrogen peroxide. Part I. Physicochemical analysis. A. K. Babko, N. M. Lukovskaia. Ukr. khim. zhur. 27 no. 4:519-524 '61.

LUMUMBA, PATRICE, 1925-1961

Bloody crime. Az. i Afr. sog. no. 4:61 Ap '61.

LUNAR ECLIPSES see Eclipses, Lunar

LUNAR THEORY see Moon, Theory of

LUNGS

Parfenova, L. P. [Lymphatic system of the lungs under normal conditions and in tuberculosis, radiographic studies] Limfaticheskaia sistema legkogo v norme i pri tuberkuleze, rentgeno-anatomicheskie issledovaniia. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 148 p. (DNLM)

LUNGS—RADIOGRAPHY

Method for an X-ray investigation of the pulmonary respiratory function, roentgenopneumopolygraphy and tomopneumopolygraphy [with summary in English] I. S. Amosov. Vest. rent. i rad. 36 no. 3 31-36 My-Je '61

Prevention of complications arising during angiopneumography [with summary in English]. A. N. Novikov, A. Kh. Trakhtenberg, Wen Ch'uan. Vop. onk. 5 no. 11 592-599 '59.

LUNGS—TUMORS

Angiomatosis of the lungs in combination with metastatic carcinomatosis [with summary in English] L. D. Rogova. Vop. onk. 5 no. 11 606-609 '59

Intrapulmonary hamartoma [with summary in English]. N. K. Shchykareva. Vop. onk. 5 no. 11 609-613 '59

LUNGS—WOUNDS AND INJURIES

Various causes and manifestations of pressure injuries of the lungs. V. IA. Nazarkin. Voen.-med. zhur. no. 3 65-67 Mr '61

LUNIN, NIKOLAI ALEKSANDROVICH, 1915-

Baldin, G. A. [Freight trains are rolling] Idut eshelony. Moskva, Gos. izd-vo polit. lit-ry, 1961. 85 p. (Geroi i podvigi)

LUPINE

(see also subdivision under Polesye)

[Forage lupine] Kormovoi lupin. [Moskva] Mosk. rabochii, 1961. 17 p. (Bibliotechka polevoda) (DA)

Qualitative composition and amounts of free amino acids in lupine plants. A. V. Mironenko, G. I. Spiridonova. Biul. Inst. biol. AN BSSR no. 5,181-185 '60

LUSSATITE

Crystalline structure of silica in opals and lussatite. V. A. Zubelin. Dokl. AN SSSR 139 no. 1 184-187 Jl '61.

LUSTER-WARE

Using Soviet purple luster. T. N. Chernova. Stek. i ker. 18 no. 7-42 Jl '61.

LUTSEVICH, IVAN DOMINIKOVICH, 1882-1942

Unknown letters of IAnka Kupala. Submitted by IA. Ramanouskaia. Belarus' 18 no. 8 22 Ag '61.

LVOV—DRUG INDUSTRY

How drugs are born. M. Anoshinskii. Nauka i zhizn' 28 no. 6;45-49 Je '61.

LVOV—ELECTRIC LAMPS

The foresighted ones. L. Arnautov. Sov. profsoiuzy 17 no. 13 6-8 Jl '61.

LVOV—EVENING AND CONTINUATION SCHOOLS

Raising the level of methodological work. M. G. Nosov. Rad. shk. 40 no. 8 53-56 S '61

Working in the new way. M. Nosov. Nar. obr. no. 8 54-57 Ag '61.

LVOV—MUSIC

Musical Lvov. L. Poliakova. Sov. muz. 25 no. 7 104-108 Jl '61.

O. V. Cherepova and others. Jl '61

NG MATERIALS INDUSTRY

aterials to rural building, no. 6;5-6 Je '61.

S AND GOVERNMENT

g to the sessions of local Sov. gos. i pravo 31 no. 2:

ycheva. Voiov. ateist no. 1:

L MINES AND MINING

nko. Sov. shakht. 10 no. 3:

E VENTILATION

ilation in Novovolynsk mines. iko, V. F. Seleditsov. Ugol'

LYMPHATICS

Parfenova, I. P. [Lymphatic system of the lungs under normal conditions and in tuberculosis, radiographic studies] Limfaticheskaia sistema legkogo v norme i pri tuberkuleze, rentgeno-anatomicheskie issledovaniia. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 148 p. (DNLM)

Petrovskii, V. V. [Role of the lymphatic vessels in blood circulation] O roli limfaticheskikh sosudov v krovoobrashchenii. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 149 p.

LYMPHATICS—SURGERY

Observations on the removal of the retrosternal lymph nodes in radical surgery in breast cancer [with summary in English] A. Kulakovskii. Vop. onk. 5 no. 11 520-523 '59.

LYTKARINO—TANKS

Precast prestressed concrete tank with a capacity of 1000 cubic meters. L. P. Trusov. Mont. i spets. rab. v stroi. 23 no. 7 21-22 Jl '61.

LYUBERTSY—AGRICULTURAL MACHINERY INDUSTRY

The Lyubertsy plant expands production of agricultural machinery. Vnesh. torg. 41 no. 7 36 '61

LYUBERTSY—COOLING TOWERS

Mechanized means of applying the waterproofing of cooling tower shells. D. S. Rabunskii, A. A. Andriachnikov. Mont. i spets. rab. v stroi. 23 no. 7,25-26 Jl '61.

LYUBIM DISTRICT—QUARTZ

Characteristics of quartz sands in Lyubim and Prechistoye Districts, Yaroslavl Province. V. P. Khamina. Sbor. stud. nauch. rab. Nauch. stud. ob-va IAr. gos. ped. inst. no. 3;79-86 '59.

MACARONI

(see also subdivision under Moscow)

Suggestions and consultations. Khleb. i kond. prom. 5 no. 7 44-45 Jl '61.

Workers of the macaroni industry are celebrating the 22d Congress of the CPSU. Khleb. i kond. prom. 5 no. 7 1-2 Jl '61.

MACARONI—DRYING see subdivision under Odessa

MACHA, JAN

Through the eyes of a friend. Smena 38 no. 13,20 Jl '61.

MACHINE ACCOUNTING

(see also subdivision under Moscow, Ukraine)

Innovators of machine accounting. M. Osipovich. Bukh. uchet 18 no. 6 50-59 Je '61

Machines count. A. Terent'ev. Vest. stat. no. 7;65-73 '61.

Results of the work of machine accounting stations of the departments of statistics in autonomous republics, territories, and provinces of the R. S. F. S. R. E. Staroseľskii, D. TSagareli. Vest. stat. no. 7;90-91 '61

MACHINE ACCOUNTING—BIBLIOGRAPHY see Bibliography—Machine accounting

MACHINE ACCOUNTING—STUDY AND TEACHING

For a general training of machine accounting personnel. P. Vlasov, S. Seleznev. Bukh. uchet 18 no. 6 27-30 Je '61.

MACHINE-SHOP PRACTICE

Component is separated from a foreign body. Starsh.-serzh. no. 4 26 Ap '61.

Device for removing bottom boxes. IU. K. Fadeev, I. F. Mokroguzov. Sbor. rats. predl. vnedr. v proizv. no. 2, 67-68 '61

Improving the design of the metallic section of the detachable crown of a reverberatory furnace. I. F. Sobolenko. Sbor. rats. predl. vnedr. v proizv. no. 1;47-48 '61

MACHINE-TOOL INDUSTRY see subdivision under Moscow; Vitebsk

MACHINE-TOOL INDUSTRY—PRODUCTION STANDARDS see subdivision under Moscow

MACHINE TOOLS

(see also subdivision under Moscow)

Goranskii, G. K. [Efficient operation of machine tools] Ratsional'noe ispol'zovanie metallorezhushchikh stankov. Minsk, Gos. izd-vo BSSR, Red. nauchno-tekhn. lit-ry, 1960. 220 p.

[MICROFILM]

Shamaun, A. V. [Special mandrels for lathes and circular grinding machines; verbatim report of lectures] Spetsial'nye opravki dlia tokarnykh i krugloshlifoval'nykh stankov; stenogramma lektsii. Leningrad, 1961. 21 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Serlia: Mekhanicheskaia obrabotka metallov)

Zalotukhin, E. S. [Pneumatic control devices for machine tools] Pnevmaticheskie ustroistva, avtomatiziruiushchie rabotu stankov. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1959. 45 p. (Novoe v tekhnike)

MACHINE TOOLS—ATTACHMENTS

Dismountable attachments assembled of [illegible] units and parts. V. F. Voronov. Standarty [illegible] no. 8;7-12 Ag '61

Mikheev, N. V., and A. M. Lepskii. [Universal attachments] Universal'nye perematyvaiushchie [illegible] soblenila. Moskva, Gos. nauchno-tekhn. [illegible] Obl. ongiz, 1961. 51 p.

MACHINE TOOLS—MAINTENANCE AND REPAIR

Pronikov, A. S. [Increasing the life time of [illegible] tools] Povyshenie dolgovechnosti stanochnogo [illegible] Moskva, Gos. izd-vo "Vysshaia shkola," 1961. [illegible]

Repairing spindle heads of piercing mills. [illegible] kov, M. Mukhtarov. Sbor. rats. predl. vnedr. [illegible] no. 1 25 '61

MACHINE TOOLS—TECHNOLOGICAL INNOVATIONS

Bibliography of Russian and foreign literature in 1946-1958 compiled by the library of the Central Scientific Research Institute of Machine Tools (Tsentral'nyi nauchno-issledovatel'skii institut tekhnologii stankostroeniia). Mod. metallorezh. stan. no. 10 38-[illegible]

List of standard plans for the modernization of machine tools developed by the Planning Technological Bureau of the Leningrad Economic Council. Mod. metallorezh. stan. no. 16 37 '60

Machine tool, cutting tool, attachment. V. [illegible] Mashinostroitel' no. 7,20-24 '61.

MACHINE TOOLS—VIBRATION

Protecting workers from vibrations. G. A. [illegible] Mekh. stroi. 18 no. 5-13-14 My '61.

MACHINE-TRACTOR STATIONS see subdivision under Irkutsk Province; Ukraine

MACHINE TRANSLATING

Significance of machine translating for the development of culture [with summary in English] O. S. [illegible] L. A. Kaluzhnin, V. V. Ivanov. Vest. inst. [illegible] no. 3 22-38 My-Je '61.

MACHINERY

Selection of a method for driving forging presses by machinery. P. S. Kolobkov. Izv. vyz. ucheb. zav. [illegible] 4 no. 7 69-75 Jl '61.

Study and observe the instructions for operating machines] I. V. Kiselev. Stroi. i dor. mash. [illegible] 34 Je '61

MACHINERY—BIBLIOGRAPHY see Bibliography—Machinery

MACHINERY—CONSTRUCTION

[Machinery manufacture] Ref. zhur. Mashinostr. no. 15 Ag '61.

[Machinery manufacture.] Ref. zhur. Mashinostr. no. 16 Ag '61.

MACHINERY—DESIGN

(see also subdivision under Armavir; Kuibyshev)

Dobrovol'skii, V. A. [Designing machine parts with detailed solutions] Raschet detalei [illegible] primery s podrobnymi resheniiami. Izd. 3. [illegible] Gos. izd-vo tekhn. lit-ry USSR, 1961. 419 p.

Marvel machines. M. S. Belarus' 18 no. [illegible]

MACHINERY—MAINTENANCE AND REPAIR

Murzin, I. K. [Inspection of repair operations] [illegible] remontnykh operatsii. Moskva, Gos. nauch.-[illegible] izd-vo mashinostroit. lit-ry, 1960. 105 p. (for [illegible] slesaria-remontnika, no. 10)

[MICROFILM]

Shmakov, A. T., and Sh. Z. Gaitsgori. [Manual of a mechanic in furniture factories] Spravochnik [illegible] mebel'nykh predpriiatii. Pod obshchei red. A. M. Strongina. Moskva, Vses. koop. izd-vo, 1960. [illegible]

MACHINERY, AUTOMATIC

New automatic machines. A. V. Dudarev. Stan. i [illegible] no. 7;28 '61.

MACHINERY, AUTOMATIC—TECHNOLOGICAL INNOVATIONS

Modernizing automatic four-spindle machines. [illegible] Sychev. Mashinostroitel' no. 7;25 '61.

MACHINERY, KINEMATICS OF

Determining pressures in the kinematic pairs of mechanisms and machines. B. I. Tuzhilin. [illegible] no. 55;5-12 '60.

Effect of the noncoaxiality of a crankgear on the collision of the piston and the bushing during [illegible] over. M. IA. Amus'ia. Izv. vys. ucheb. zav. [illegible] str. no. 6;52-66 '61.

Savelova, A. A., and others. [Theory of mechanisms and machines; lecture course] Teoriia mekhanizmov i mashin; kurs lektsii. Moskva, Kafedra teorii mekhanizmov i mashin.

No. 3. ["Dynamics of mechanisms and machines"] Razdel "Dinamika mekhanizmov i mashin." 1959. 101 p.

MACHINERY IN INDUSTRY

Andrianov, D. P. [Methodology for analyzing the efficiency of expenditures for new machinery] Effektivnost' zatrat na novuiu tekhniku; metodika analiza. Moskva, Gosfinizdat, 1961. 91 p. (Finansy promyshlennosti)

Some theoretical problems of the material and technological basis of communism. S. Kheinman. Vop. ekon. no. 7:34-48 Jl '61.

MACHINERY INDUSTRY

(see also subdivision under Czechoslovakia, Dnepropetrovsk; Korea, North; Leningrad; Moscow)

Afanas'ev, P. A. [Use of plastics in the manufacture of machinery] Primenenie plasticheskikh mass v mashinostroenii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 196 p.

Agafonov, P. F. [Use of X-ray diffraction analysis in the manufacture of machinery] Rentgenostrukturnyi analiz v mashinostroenii. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1959. 56 p. (Novoe v tekhnike)

Conference on the problems of using mathematical methods and modern calculating machines in planning in machinery manufacturing enterprises. Plan. khoz. 38 no. 8:93-96 Ag '61.

Economic effectiveness of the use of plastics in the machinery manufacture. I. V. Rakhlin. Plast. massy no. 7:43-49 '61.

Skripnik, P. M. [Analysis of the administrative operations of machinery manufacturing plants] Analiz khoziaistvennoi deiatel'nosti mashinostroitel'nykh zavodov. [Stalino] Knizhnoe izd-vo Stalino-Donbass, 1960. 85 p. (Voprosy konkretnoi ekonomiki)

Use of capron in the industry of the Zaporozh'ye Economic Council. D. I. Fel'dman. Plast. massy no. 7:29-36 '61.

MACHINERY INDUSTRY—HYGIENIC ASPECTS

(see also subdivision under Feodosiya, Kramatorsk; Tallinn)

Welcoming the 22d Congress of the CPSU. I. Gorev. Okhr. truda i sots. strakh. 4 no. 6:5-6 Je '61.

MACHINERY INDUSTRY—PRODUCTION STANDARDS

(see also subdivision under Alma-Ata, Gorkiy Province, Leningrad; Rostov Province)

Consolidated norms and standard time norms. I. I. Shapiro. Mashinostroitel' no. 8:7-10 Ag '61.

Developing and using consolidated norms. G. G. Skachkov. Mashinostroitel' no. 8:11-12 Ag '61.

Improve the establishing of technical norms. M. P. Ghantsev. Mashinostroitel' no. 8:5-6 Ag '61.

Problems in establishing technical norms. D. N. Granovskii. Mashinostroitel' no. 8:4-5 Ag '61.

MACHINERY INDUSTRY—SAFETY MEASURES

Profsoiuz rabochikh mashinostroeniia. TSentral'nyi Komitet. [Safety engineering instructions for workers conveying loads in hand carts and trucks] Instruktsiia po tekhnike bezopasnosti dlia rabochikh po peremeshcheniiu gruzov na ruchnykh telezhkakh i vagonetkakh. [Moskva] Mashgiz, 1961. 13 p.

MACHINERY INDUSTRY—TECHNOLOGICAL INNOVATIONS

(see also subdivision under Kramatorsk)

Elizavetin, M. A. [Mechanization and automation in the manufacture of machinery] Mekhanizatsiia i avtomatizatsiia v mashinostroenii. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 211 p. (Novaia tekhnika i peredovye metody truda)

Welcome the party congress with worthy achievements. Mashinostroitel' no. 8:1-2 Ag '61.

MACROMOLECULAR COMPOUNDS

Determination of the flexibility and form of macromolecules. V. N. TSvetkov. Zhur. VKHO 6 no. 4:428-434 '61.

Korshak, V. V. [Chemistry of high-molecular compounds] Khimiia vysokomolekuliarnykh soedinenii. Moskva, Izd-vo Akad. nauk SSSR, 1950. 528 p. (ICML/C)

Polyarylates. S. V. Vinogradova. Priroda 50 no. 8:91-93 Ag '61.

School exhibition of the Macromolecular synthetic compounds. S. V. D'iakovich. Khim. v shkole 15 no. 3:47-50 My-Je '60.

[World of giant molecules] V mire bol'shikh molekul. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 123 p. (Nauchno populiarnaia literatura)

MAGADAN PROVINCE—COMMUNITY CENTERS

A winged community center. Ukraina no. 15:3 Ag '61.

MAGADAN PROVINCE—EDUCATION

Soviet teacher. V. Rabichev. Kul't. i zhizn' 5 no. 7:42-43 '61.

MAGNESIUM

New complexometric method for the determination of sulfates in the presence of calcium and magnesium [with summary in English]. I. Dragusin. Zhur. anal. khim. 16 no. 4:404-406 Jl-Ag '61.

MAGNESIUM—ANALYSIS

Colorimetric determination of titanium in aluminum and magnesium by means of dianthpyrylmethane. V. A. Zinchenko, S. I. Rudina. Zav. lab. 27 no. 9:956-958 '61.

MAGNESIUM—FOUNDING

Mechanized closed conveying, batching, and teeming of magnesium and its alloys. V. S. Astaulov. Mekh. i avtom. proizv. 15 no. 7:31-32 Jl '61.

MAGNESIUM ALLOYS

Photocolorimetric determination of calcium in magnesium alloys with the arsenazo reagent. L. IA. Poliak. Zav. lab. 27 no. 7:803-806 '61.

MAGNESIUM ANTIMONIDE—OPTICAL PROPERTIES

Optical properties of an photoelectron emission from Mg_3Sb_2. P. G. Borziak, L. S. Miroshnichenko, R. D. Fedorovich. Fiz. tver. tela 3 no. 6:1775-1785 Je '61.

MAGNESIUM CHLORIDE

Determination of specific fuel consumption standards for the manufacture of magnesium chloride. N. T. Otroshko. Trudy MIKHM 10:61-69 '58.

MAGNESIUM-GADOLINIUM ALLOYS

Phase diagram of the alloys in the system magnesium - gadolinium. E. M. Savitskii and others. Zhur. neorg. khim. 6 no. 7:1734-1737 Jl '61.

MAGNESIUM OXIDE—SPECTRA

Investigation of the electronic-oscillatory structure in the oxidation spectrum of magnesium. N. A. Nazimova, V. A. Sokolov. Izv. vys. ucheb. zav., fiz. no. 2:143-148 '61.

MAGNETIC AMPLIFIERS

Device for testing the cores of self-saturating magnetic amplifiers. Kh. E. Zaidel', I. B. Negnevitskii, E. L. Solovkin. Izv. vys. ucheb. zav.: elektromekh. 4 no. 3:146-150 '61.

Theory of a two-core magnetic amplifier with rectification of the even harmonics by a symmetrical nonlinear resistance [with summary in English]. Dai TSy-sin' [Tai Tz'u-hsin]. Avtom. i telem. 22 no. 6:787-794 Je '61.

Transient processes in a magnetic amplifier with feedback and inductive load connected through a rectifier [with summary in English]. V. A. Sokolov. Avtom. i telem. 22 no. 6:807-810 Je '61.

MAGNETIC ANOMALIES see subdivision under Atlantic Ocean; Indian Ocean

MAGNETIC ANOMALIES—MAPS

Delineating linear tectonic dislocations on geophysical maps. I. G. Klushin, I. N. Tolstikhin. Geol. i geofiz. no. 6:98-103 '61.

MAGNETIC CIRCUITS

Equivalent circuit of the magnetic circuit of an asynchronous motor. L. TSiganok. Izv. vys. ucheb. zav., elektromekh. 4 no. 5:23-29 '61.

MAGNETIC CIRCUITS—CONGRESSES

All-Union conference on the theory and methods for calculating the magnetic circuits of electromagnetic mechanisms and automatic control apparatus. A. G. Nikitenko. Izv. vys. ucheb. zav., elektromekh. 4 no. 5:107-108 '61.

MAGNETIC FIELDS

Alignment of an electron microscope by means of electromagnetic fields. P. A. Stoianov. Radiotekh. i elektron. 6 no. 8:1382-1385 Ag '61.

Asymmetry of the angular distribution of γ---δ decay electrons in magnetic fields up to 35,000 Oersted [with summary in English]. S. A. Ali-Zade, I. I. Gurevich, B. A. Nikol'skii. Zhur. eksp. i teor. fiz. 40 no. 2:452-456 F '61.

Anisotropy of γ-radiation in the Mossbauer effect [with summary in English]. A. Gelberg. Zhur. eksp. i teor. fiz. 41 no. 1:115-117 Jl '61.

Changes of momentum of charges colliding in a magnetic field [with summary in English]. IU. N. Barabanenkov. Zhur. eksp. i teor. fiz. 40 no. 5:1476-1480 My '61.

Confinement of plasma in traps with a magnetic field growing towards the periphery [with summary in English]. S. IU. Luk'ianov, I. M. Podgornyi, V. N. Sumarokov. Zhur. eksp. i teor. fiz. 40 no. 2:448-451 F '61.

Detection of defects in rails by means of simultaneous magnetization by a constant and a variable moving field. N. V. Miroshin. Izv. vys. ucheb. zav.: fiz. no. 2:92-97 '61.

Effect of an external magnetic field on the boundary layer in a plasma. E. I. Andriankin, IU. S. Sainsov. Zhur. tekh. fiz. 31 no. 7:775-780 Jl '61.

Effect of perturbations on the structure of a helical magnetic field. L. M. Kovrizhnykh. Zhur. tekh. fiz. 31 no. 7:886-890 Jl '61.

Effect of the shielding envelope on the structure of the magnetic field. S. I. Kurenev. Izv. vys. ucheb. zav., elektromekh. 4 no. 5-3:6 '61.

Electromagnetic field of a low-frequency vertical magnetic dipole situated on the surface of a conducting magnetic semispace. V. S. Semenov. Izv. vys. ucheb. zav., fiz. no. 2:102-109 '61.

Example of calculating the electromagnetic field in a three-phase system of conductors with a rectangular cross section. V. M. Alekhin. Izv. vys. ucheb. zav., elektromekh. 4 no. 1:3-32 '61.

Excitation spectrum of a particle system in an external field [with summary in English]. V. M. Pleonskii. Zhur. eksp. i teor. fiz. 40 no. 4:1143-1147 Ap '61.

High-frequency susceptibility of a uniaxial antiferromagnetic in a longitudinal magnetic field [with summary in English]. M. I. Kaganov, V. M. TSukernik. Zhur. eksp. i teor. fiz. 41 no. 1:267-271 Jl '61.

Instability of a system of two electron beams in a magnetic field. B. N. Rutkevich. Zhur. tekh. fiz. 31 no. 5:539-548 My '61.

Interaction between an electron beam and a plasma in a magnetic field. I. F. Kharchenko and others. Zhur. tekh. fiz. 31 no. 7:761-765 Jl '61.

Method for measuring the temperature of a plasma in magnetic mirror systems. Part 1. Electron model. V. A. Ovsiannikov and others. Zhur. tekh. fiz. 31 no. 5:577-581 My '61.

Motion of a charge in the particular case of a static electromagnetic field. A. S. Berodkin. Zhur. tekh. fiz. 31 no. 5:583-587 My '61.

Oscillations of the refraction index in a strong magnetic field in semiconductors in the region of the main absorption edge. L. I. Korovin. Fiz. tver. tela 3 no. 6:1790-1794 Je '61.

Production of a dense plasma in a hot cathode discharge in a magnetic field. V. E. Golant, N. I. Orlov, L. P. Pakhomov. Zhur. tekh. fiz. 31 no. 7:797-801 Jl '61.

Quantum theory of acoustic oscillations of an electron plasma in a magnetic field [with summary in English]. P. S. Zyrianov. Zhur. eksp. i teor. fiz. 40 no. 5:1353-1359 My '61.

Quantum theory of sound absorption by metals in a magnetic field [with summary in English]. V. G. Skobov. Zhur. eksp. i teor. fiz. 40 no. 5:1146-1451 My '61.

Quantum theory of the excitation spectrum of an electron gas in a magnetic field [with summary in English]. P. S. Zyranov. Zhur. eksp. i teor. fiz. 40 no. 4:1065-1071 Ap '61.

Radiation from the ionized region of a spark discharge. G. A. Askar'ian. Zhur. tekh. fiz. 31 no. 7:781-784 Jl '61.

Reflection of electromagnetic waves in gyrotropic media from a magnetic field wave [with summary in English]. G. I. Freidman. Zhur. eksp. i teor. fiz. 41 no. 1:226-233 Jl '61.

Remarks on the theory of ultrasonic wave absorption by metals in a magnetic field [with summary in English]. G. L. Kotkin. Zhur. eksp. i teor. fiz. 41 no. 1:281-287 Jl '61.

Solution of equations of the one-dimensional motion of a compressible gas of finite conductivity in transverse electric and magnetic fields (stationary case). K. A. Lur'e. Zhur. tekh. fiz. 31 no. 5:623-627 My '61.

Some aspects of the theory of a cyclotron with an azimuthally varying magnetic field. IU. A. Zavenitagin, R. A. Meshcherov, E. S. Mironov. Atom. energ. 11 no. 1:26-33 Jl '61.

Structure of the transition layer between a plasma and a magnetic field [with summary in English]. V. P. Shabanskii. Zhur. eksp. i teor. fiz. 40 no. 4:1058-1064 Ap '61.

Theory of a new plasmoid. A. A. Vlasov. Zhur. tekh. fiz. 31 no. 7:795-796 Jl '61.

Theory of an electron plasma in a magnetic field. Effect of Coulomb interaction on the magnetic susceptibility. A. G. Mironov. Fiz. tver. tela 3 no. 6:1654-1661 Je '61.

Theory of force-free magnetic field coils of infinite length. A. A. Kuznetsov. Zhur. tekh. fiz. 31 no. 6:650-656 Je '61.

Variation of the adiabatic invariant of a particle in a magnetic field. Part 2 [with summary in English]. A. M. Dykhne, A. V. Chaplik. Zhur. eksp. i teor. fiz. 40 no. 2:666-669 F '61.

Wave resonance of light and gravitational waves [with summary in English]. M. E. Gertsenshtein. Zhur. eksp. i teor. fiz. 41 no. 1:113-114 Jl '61.

MAGNETIC FIELDS (COSMIC PHYSICS)

Effect of "small" solar flares accompanied by type IV radiobursts. E. V. Kolomeets. Geomag. i aer. 1 no. 1:41-44 Ja-F '61.

Investigating the magnetic field of the moon. Sh. Sh. Dolginov and others. Geomag. i aer. 1 no. 1:21-29 Ja-F '61.

Penetration of local magnetic fields into the solar corona and generation of corpuscular streams affecting the earth. E. I. Mogilevskii. Geomag. i aer. 1 no. 2:153-155 Mr-Ap '61.

MAGNETIC INSTRUMENTS see subdivision under Germany, West

MAGNETIC INSTRUMENTS—STANDARDS

Level of the geomagnetic standard in the U. S. S. R. L. G. Mansurova. Geomag. i aer. 1 no. 2:267-273 Mr-Ap '61.

MAGNETIC MATERIALS

Dependence of magnetic viscosity on the thermal treatment of materials A N Remizov, O P Birtukov Izv vys uchcb zav , fiz no 2 171-172 '61

Ferrimagnetics with garnet-type structure and high initial permeability. G A.Smolenskii, Chzhan-TSun [Chang-TSung], E.S.Sher Fiz.tver.tela 3 no.6 1808-1811 Je '61.

High-frequency susceptibility of a uniaxial antiferromagnetic in a longitudinal magnetic field [with summary in English]. M.I Kaganov, V M TSukernik Zhur eksp i teor fiz 11 no 1 267-271 Jl '61

One method for finding the distribution function of the energy levels in the spin system of normal paramagnetics. A.S.Kuznetsov. Uch.zap.Tadzh.un. 18 70-72 '58.

Permeability and losses of magnetodielectrics based on carbonyl iron powders I S Tolmasskii Izv vys ucheb zav , elektromekh. 4 no 6 3-18 '61

Polarization due to scattering of slow neutrons in ferromagnetics [with summary in English] S.V Maleev Zhur.eksp i teor.fiz. 40 no.4 1224-1227 Ap '61

Spontaneous magnetization of thin ferromagnetic films. V A.Ignatchenko Zhur eksp i teor fiz 40 no 4;1228-1229 Ap '61

Vsesoiuznoe soveshchanie po magnitnoi strukture ferromagnetikov. Krasnoyarsk, 1958. [Materials of the All-Union Conference on Ferromagnetic Substances] Materialy. Novosibirsk, Izd-vo Sibirskogo otd-niia AN SSSR, 1960. 249 p.

MAGNETIC MATERIALS—CONGRESSES

All-Union meeting on contactless magnetic elements of automatic control and computer technology G.V. Subbotina Avtom i telem. 22 no.6'811-814 Je '61.

MAGNETIC MATERIALS—TESTING

Results of the meeting on methods and apparatus for testing magnetic materials I I Pekker, T.S Zhuravleva Izv vys ucheb.zav , elektromekh. 4 no 6 109-113 '61

MAGNETIC MEASUREMENTS

Apparatus for testing samples of ferromagnetic materials by the use of an up to 10 kHz frequency alternating current with simultaneous magnetization by a constant and a variable field N.G.Chernysheva, E N Chechurina Trudy inst Kom.stand., mer i izm.prib no 43 56-68 '60

Apparatus for testing samples of ferromagnetic materials in the 20 kHz - 1 Mc frequency range N G Chernysheva Trudy inst Kom stand , mer i izm prib no 43 69-81 '60.

Calorimetric determination of complete losses in samples of ferromagnetic materials I A Oralova, E T Chernyshev Trudy inst Kom stand , mer i izm prib, no 43 82-89 '60

Computing the magnetic field intensity of single-layer Helmholtz coils N V Studentsov, B M IAnovskii. Trudy inst Kom.stand , mer i izm prib no 43 28-39 '60

Determination of magnetic moments for a group of ellipsoid magnets. IU G Mekhei Trudy inst Kom stand mer i izm prib. no. 43 21-27 '60

First results of studying the geomagnetic field in the past by the archaeomagnetic method. S.P. Burlatskaia, G.N.Petrova. Geomag.i aer. 1 no.2'262-266 Mr-Ap '61.

Interlaboratory comparison of standard measures of magnetic flux, measuring coils, and normal samples of magnetic materials E.T Chernyshev, N G Chernysheva, E.N.Chechurina Trudy inst.Kom stand , mer i izm.prib no. 43 40-42 '60

Measurement of differential magnetic permeability. E N Chechurina. Trudy inst Kom stand., mer.i izm prib no 43;90-95 '60

Measuring the components of the intensity of the earth's magnetic field by the method of free nuclear induction N V Studentsov, T.N Tikhomirova, B M. IAnovskii Trudy inst Kom stan., mer i izm.prib no 43;52-55 '60

Methods of determining magnetic characteristics of ferromagnetic materials in case of simultaneous magnetization by two variable fields E.N.Chechurina Trudy inst Kom stan., mer i izm.prib no 43 96-110 '60

Principles underlying the construction of different systems for the transfer of magnetic unit values E.T. Chernyshev, E.G.Shramkov. Trudy inst Kom.stan., mer i izm.prib no 43;5-10 '60.

Standard measure of the intensity of weak magnetic fields. L.E.Zhukovskaia, N.G.Chernysheva Trudy inst.Kom.stand., mer.i izm.prib. no 43;11-20 '60.

Use of nuclear magnetic resonance in measuring the coil constant of magnetic field intensity N V.Studentsov, T N.Tikhomirova, B.M.IAnovskii Trudy inst.Kom. stand., mer i izm.prib. no.43;43-51 '60.

MAGNETIC MEMORY (CALCULATING MACHINES)

Alphabetic coding. A.A.Markov. Dokl.AN SSSR 139 no.3;560-561 Jl '61

Possibility of using a cylindrical superconducting film as a memory unit for computers. V.IA.Kontarev. Zhur. tekh.fiz 31 no.7;854-863 Jl '61.

MAGNETIC RECORDERS AND RECORDING

"Kazan-2" radio-phonograph and magnetic tape recorder combination A Khalamez Radio no 4 22-25 Ap '61

Our consultations Radio no 4 61-63 Ap '61.

Our consultations. Radio no.5-60-62 My '61

MAGNETIC STORMS

(see also subdivision under Arctic regions)

Difference between magnetic storms with a sudden and gradual commencement. R G.Afonina. Geomag i aer 1 no 2-210-243 Mr-Ap '61.

Geomagnetic manifestation of the asymmetry of solar hemispheres R.G Afonina. Geomag. i aer. 1 no. 2, 244-246 Mr-Ap '61.

Geomagnetic storm families and solar corpuscular streams. V.I.Afanas'eva. Geomag.i aer. 1 no.1 59-66 Ja-F '61.

Magnetohydrodynamic theory of geomagnetic storms I A Zhulin Geomag i aer 1 no 2 133-140 Mr-Ap '61

Morphological patterns of sudden onsets of magnetic storms. K.G.Ivanov Geomag.i aer. 1 no.2,232-235 Mr-Ap '61.

Space and time variations of hydrogen in auroras and their relation with magnetic disturbances. L.S. Evlashin. Geomag.i aer., 1 no.1;54-58 Ja-F '61.

MAGNETIC TESTING

MED-2 magnetoelectric flaw detector V.Gibraltarskaia, N.Dotsenko, N.Kunina Avt.transp 39 no 6 26-28 Je '61

MAGNETIC WAVES

Conditions for the existence of slow waves in an isotropic wave guide G.A Postnov Radiotekh i elektron 6 no 8;1325-1327 Ag '61.

MAGNETISM, TERRESTRIAL

Analytical representation of the geomagnetic field on the territory of the Soviet Union for the 1958 epoch. N P.Ben'kova, L.O.Tiurmina. Geomag.i aer. 1 no.1'87-103 Ja-F '61.

Archaeomagnetic method of studying changes in the geomagnetic field in the past. S.P. Burlatskaia, G.N. Petrova. Geomag.i aer. 1 no.1;111-119 Ja-F '61.

Effect of the densification of artificially deposited sediments on remanent magnetism A IA Vlasov, G V. Kovalenko, IU.D.Tropin. Izv.AN SSSR Ser geofiz. no 8;1179-1182 Ag '61

Effect of the explosion of the Tunguska meteorite on the geomagnetic field. G.F.Plekhanov and others. Geol.i geofiz. no.6;94-96 '61.

Electric fields of ocean currents produced by the earth's magnetic field. V.B. Glasko, A.G.Svoshnikov. Geomag.i aer. 1 no.1'73-81 Ja-F '61.

Incoherent radio emission originating during the motion of charged particles in the earth's magnetic field [with summary in English] E A. Benediktov, V IA. Eidman Izv.vys ucheb zav , radiofiz. 4 no 2 253-258 '61.

Khramov, A.N., and others. [Methodology of paleomagnetic investigations] Metodika paleomagnitnykh issledovanii. Leningrad, Gos. nauchno-tekhn.izd-vo neft.i gorno-toplivnoi lit-ry.Leningr.otd-nie, 1961. 130 p. (Leningrad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy, no.161)

Marine telluric currents and their relation with magnetic variations. G.A.Fonarev. Geomag.i aer. 1 no.1;62-86 Ja-F '61.

Nature of geomagnetic variations of specific type (SVD). S.M.Mansurov. Geomag.i aer. 1 no.2;236-239 Mr-Ap '61.

Paleomagnetic research in the U.S.S.R. A.G.Kalashnikov, S.IU.Brodskaia, V.A.Zhilinaeva Izv.AN SSSR. Ser. geofiz. no.8;1189-1191 Ag '61

MAGNETISM, TERRESTRIAL—CONGRESSES

Conference on geomagnetism. IU.D. Kalinin. Geomag. i aer. 1 no.1;128-129 Ja-F '61.

MAGNETISM, TERRESTRIAL—MAPS

Accuracy of the magnetic maps of the world for ocean areas. M.M.Ivanov. Geomag.i aer. 1 no.1;104-110 Ja-F '61.

MAGNETISM, TERRESTRIAL—SECULAR VARIATION

Secular variation of geomagnetic elements at the Mirnyy Observatory. S.M.Mansurov. Geomag.i aer. 1 no 2; 251-253 Mr-Ap '61.

Secular variation of the geomagnetic field and the technique of using it in the compilation of small-scale magnetic maps. V.P.Orlov. Geomag.i aer. 1 no.2;254-261 Mr-Ap '61.

MAGNETITE

(see also subdivision under Sayan Mountains)

Anisotropy of the longitudinal thermomagnetic Nernst-Ettingshausen effect of magnetite in the low-temperature transition region. N.I.Davidenko, A.A.Samokhvalov, I.G Fakidov. Fiz.tver.tela 3 no.6'1650-1653 Je '61.

MAGNETOHYDRODYNAMICS

Application of the law of inverse action to magnetohydrodynamics. L.A.Vulis, F.L Gusika. Zhur.tekh.fiz. 31 no 7;806-818 Jl '61.

Application of the liquid-gas analogy to magnetohydrodynamics L.A Vulis, F.L Gusika Zhur tekh.fiz 31 no.7;819-823 Jl '61

Attenuation of waves in magnetohydrodynamics with anisotropic conductivity and viscosity [with summary in English] R.V.Dolch Zhur eksp i teor fiz 40 no.2;524-526 F '61

Conductive-gas flow in a magnetogasdynamic generator [with summary in English] O A Berezin Vest [MGU no 13 93-102 '61.

Conservation of vortices and currents in magnetohydrodynamics. M N Kogan Dokl.AN SSSR 139 no 1,58 59 Jl '61

Depolarization of μ-mesons and polarization of Σ^+-particles in a magnetized paramagnetic gas [with summary in English]. A.M. Pereiomov Zhur eksp i teor fiz 40 no 5'1418-1422 My '61

Disintegration of nonevolutional shock waves [with summary in English] R.V. Polovin, K.P. Cherkasova Zhur eksp.i teor. fiz 11 no 1 263-266 Jl '61

Flutter of a panel in the flow of a compressible conducting fluid in the presence of a magnetic field. A.D Lisunov. PMTF no.4-65-67 N-D '60

Hartmann's problem in magnetohydrodynamics. A.I. Gubanov, O.E. Pushkarev. Zhur.tekh fiz. 31 no 5 621-623 My '61.

Interaction of magnetohydrodynamic waves V.V.Gogosov. Prikl.mat i mekh 25 no 1 156-167 My-Je '61

Magnetic compression of plasma. I.M. Zolotetrukov and others. Zhur.tekh.fiz. 31 no.5 518-521 My '61.

Magnetoacoustic method of plasma ionization. F.K.Zavoiskii and others. Zhur.tekh fiz. 31 no.5 513-517 My '61.

Magnetohydrodynamic theory of geomagnetic storms I.A Zhulin. Geomag i aer. 1 no.2;133-140 Mr Ap '61

Magnetohydrodynamics for a nonisothermal plasma without collisions[with summary in English]. IU I Klimontovich, V.P. Silin. Zhur.eksp.i teor.fiz. 40 no 4 1213-1223 Ap '61.

Reflection and refraction of shock waves in magnetohydrodynamics. S.I. Grebenshchikov and others. Zhur. tekh.fiz. 31 no.5'529-536 My '61.

Rotation of a conducting fluid in an annular gap in the presence of a transverse magnetic field IA.S Ufland Prikl.mat i mekh 25 no 3'557-560 My-Je '61

Stability of magnetic tangential discontinuities in relativistic hydrodynamics [with summary in English]. M.T. Zhumartbaev. Zhur eksp i teor.fiz. 40 no 5; 1434-1430 My '61.

Tracing the hydromagnetic oscillations in plasma produced by an electrodeless pulse discharge. M D Gabovich, I M. Mitropan. Zhur tekh fiz 31 no.6 676 679 Je '61

MAGNETOMETER

Experimental measurements of the earth's magnetic field made by magnetometers towed behind a ship D.I. Fingar and others. Geomag.i aer. 1 no.2;274-276 Mr-Ap '61.

MAGNETRONS

Static characteristics of a plane magnetron. A.V. Lazarev, G.F. Filimonov. Radiotekh.i elektron. 6 no. 8;1316-1324 Ag '61.

MAGNITOGORSK—ROLLING MILLS

By first completing preparatory operations. A. Ankudinov. Na stroi. Ros. no. 6;6-9 Je '61.

Performance of heated asbestos cement roofs of rolling mills. S.V.Diatkov. Prom.stroi. 39 no.6,48-54 '61.

MAGNITOGORSK—ROLLING MILLS—TECHNOLOGICAL INNOVATIONS

Work of efficiency promoters in assembling the "2500" mill in Magnitogorsk. I.V. Makeenko. Mont.i spets rab. v. stroi. 23 no.7,28-30 Jl '61.

MAIAKOVSKII, VLADIMIR VLADIMIROVICH, 1893-1930

Babaev, Gabib. [V. Maiakovskii in Azerbaijan] V. Maiakovskii v Azerbaidzhane. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1960. 196 p. (CU)

Karpov, A.S. [Principles of rhythm in Maiakovskii's verse] O stikhe Maiakovskogo; printsipy ritmicheskoi organizatsii. [Kaluga] Kaluzhskoe knizhnoe izd-vo, 1960. 105 p. (CU)

Maiakovskii the atheist. V. Ruzhina. Bibliotekar' no 7 40-43 Jl '61.

Mashbits-Verov, I.M. [Poems by Maiakovskii] Poemy Maiakovskogo [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1960. 310 p. (NN)

MAIZE see Corn (Maize)

MAKBAL' HIGHLAND—ECLOGITE

Genesis of eclogites in the Makbal' Highland in northern Kirghizistan. I.E.Medvedeva. Biul.MOIP.Otd.geol. 36 no.2;128-129 Mr-Ap '61.

MALAGASY REPUBLIC

Viktorov, N. V. [Malagasy Republic] Mal'gashskaia Respublika. Moskva, Izd-vo "Znanie," 1961. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 12, Geologiia i geografiia, no. 12)
[MICROFILM]

MALIGNITE see subdivision under Azov Sea region, Donets Basin

MALAKHAY-TARI VALLEY—WILLOWS

Overgrowth of the willow Salix lanata beyond the 75th parallel. V. D. Dibner. Izv. Vses. geog. ob-va 93 no. 4, 334-336 Jl-Ag '61

MALARIA

Dukhanina, N. N. [Eradication of malaria] Likvidatsiia malarii. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 30 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

MALAYA ALMAATINKA VALLEY—SNOW

Results of observations of evaporation from the snow cover in the Trans-Ili Ala-Tau. I. S. Sosedov, L. N. Filatova. Meteor. i gidrol. no. 8 33-35 Ag '61.

MALAYA YEREMA VALLEY—PHYSICAL GEOGRAPHY

Circular trap relief forms in basins of the Bol'shaya and Malaya Yerema Rivers (left tributaries of the Lower Tunguska River). A. G. Zolotarev. Trudy Irk. un. 24: 57-65 '58.

MALI REPUBLIC

Mali Republic. Az. i Afr. segl. no. 4:32-33 Ap '61.

MALI REPUBLIC—AGRICULTURE—ECONOMIC ASPECTS

Cooperatives in the Mali rural areas. Iu. Dement'ev. Mir. ekon. i mezhdunar. otn. no. 7:109-111 Jl '61.

MALI REPUBLIC—ECONOMIC CONDITIONS

The Mali Republic. G. Radchenko. Vnesh. torg. 41 no. 6:26-30 '61.

Optimistic Africa (continuation). Aleksandr Serbin. Ogonek 39 no. 29:22-24 Jl '61.

MALI REPUBLIC—FOREIGN ECONOMIC RELATIONS

The Mali Republic. G. Radchenko. Vnesh. torg. 41 no. 6, 26-30 '61

MALI REPUBLIC—POLITICS AND GOVERNMENT

Optimistic Africa (to be continued). Aleksandr Serbin. Ogonek 39 no. 28:16-18 Jl '61

MALIC ACID

Conference on the coordination of research, experimental, and planning and design operations in the production of citric and malic acids from cotton leaves. A. P. Bazhanova. Izv. AN Turk. SSR. Ser. biol. nauk no. 2: 87-88 '61.

MALLARD

Relationship between the time of arrival and reproduction of the mallard. V. F. Larionov. Ornitologiia no. 2:32-34 '59.

MALONIC ACID

β-Alkoxyethylisopropylmalonic esters. A. V. Bogatskii, N. A. Gortachuk. Zhur. ob. khim. 31 no. 7:2419-2423 Jl '61

Catalytic action of amino acids and amines in organic reactions. Part 3. Kinetics and mechanism of the formation and decomposition of benzalmalonic esters in the presence of amino acids. A. A. IAsnikov, E. M. Gaivoronskaia. Ukr. khim. zhur. 27 no. 4:506-510 '61.

Improved synthesis of phenylethylmalonic acid diamide. N. N. Dykhanov. Zhur. prikl. khim. 34 no. 7:1588-1591 Jl '61.

Methylolhalomalonates. A. IA. IAkubovich, I. N. Beliaeva. Zhur. ob. khim. 31 no. 7:2119-2122 Jl '61

MALOYAROSLAVETS

Bespalov, V. M., and A. E. Dmitriev. [Maloyaroslavets] Maloiaroslavets. [Kaluga] Kaluzhskoe knizhnoe izd-vo, 1960. 103 p. (Goroda Kaluzhskoi oblasti)

MALPRACTICE see subdivision under Stalingrad

MALT—THERMAL PROPERTIES

Hydrothermal conductivity of brewer's malt. V. E. Balashov. Izv. vys. ucheb. zav., pishch. tekh. no. 2:123-128 '60

MALTASE

Maltase and zymase activity of liquid yeasts. I. M. Rotter, V. N. Vysotskaia. Khleb. i kond. prom. 5 no. 7: 11-13 Jl '61.

MAL'TSEV, ELIZAR

"Go into each home" by Elizar Mal'tsev. Reviewed by F. Levin. Znamia 31 no. 8 214-218 Ag '61.

MAL'TSEV, TERENTII SEMENOVICH, 1895-

"Living earth" by G. Fish. Reviewed by A. P. Popov. Biol. v shkole no. 4:94-96 Jl-Ag '61.

MALYY AYNOV ISLAND—BIRDS

Ornithogeographical characteristics of Aynov Islands. T. D. Gerasimova, N. N. Skokova. Ornitologiia no. 2 91-98 '59.

MAMA-CHUYA DISTRICT—MICA

Mica-bearing granitic pegmatites in Mama District. V. A. Dvorkin-Samarskii. Trudy Vost.-Sib. fil. AN SSSR no. 16, 171-223 '61

Mica-bearing pegmatites in the zone of abundant injections in Chuya District. A. S. Nikanorov. Mat. VSEGEI. Ob ser. no. 29 83-99 '60

MAMA-CHUYA DISTRICT—PEGMATITES

Mica-bearing granitic pegmatites in Mama District. V. A. Dvorkin-Samarskii. Trudy Vost.-Sib. fil. AN SSSR no. 16 171-223 '61

Mica-bearing pegmatites in the zone of abundant injections in Chuya District. A. S. Nikanorov. Mat. VSEGEI. Ob ser. no. 29 83-99 '60

MAMAKAN HYDROELECTRIC POWER STATION—ICE ON RIVERS, LAKES, ETC.

Passage of the spring ice flow through the Mamakan Hydroelectric-Power Station. V. I. Teleshev, M. I. Pinigin, N. V. Polokno. Gidrostroi 31 no. 7 31-35 Jl '61

MAMIN, DMITRII NARKISOVICH, 1852-1912—HOMES AND HAUNTS

Sverdlovsk. Literaturnyi muzei im. D. N. Mamina-Sibiriaka. [A guide] Putevoditel'. [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1959. 80 p. illus.
(MH)

MAMLYUTKA DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

We need such talks. A. Zavgorodniaia. Part. zhizn' Kazakh. 31 no. 7:64-65 Jl '61.

MAMMALS—EMBRYOLOGY see Embryology—Mammals

MAMMALS—RESEARCH see subdivision under Poland

MAMMALS, FOSSIL see subdivision under Trans-Ili Ala-Tau, Zyryanovsk region

MAN

How Darwinism solves the problem of the relation of man to living organisms [with summary in English, p. 185] M. N. Chechin. Vop. filos. 15 no. 7:88-97 '61.

MAN, PREHISTORIC
(see also subdivision under Siberia)

New data on Sinanthropus. U Ju-k'ang. Nauka i zhyttia 11 no. 5 38 My '61.

MANGANESE

Experimental research on the genesis of the minerals in oxidized manganese. V. O. Peredereev. Geol. zhur. 21 no. 3:32-42 '61.

MANGANESE—ISOTOPES

Extraction separation of a carrier-free manganese isotope of mass 54 from iron irradiated by neutrons. V. I. Levin, I. V. Meshcheryova, V. K. Samrov. Radiokhimiia 3 no. 4:417-421 '61.

MANGANESE-COPPER ALLOYS see Copper-manganese alloys

MANGANESE SILICATES see subdivision under Atasu region

MANGYSHLAK PENINSULA—GEOLOGY, STRATIGRAPHIC

Recent data on the stratigraphy of the Triassic in the Mangyshlak Peninsula. T. V. Astakhova. Trudy VNIGNI no. 29 vol. 1-146-153 '60

MANIA see Psychoses

MANN, THOMAS, 1875-1955

Admoni, V. G. [Thomas Mann; a sketch of his work] Tomas Mann; ocherk tvorchestva. Leningrad, Sovetskii pisatel', 1960. 349 p.
(CU)

MANNERS AND CUSTOMS

Bad manners can be corrected. L. Virnik. Belarus' 18 no. 8:27 Ag '61.

A holiday has come into your home. B. Degtiar. Sov. profsoiuzy 17 no. 15:46-47 Ag '61.

MANNITE

Mannite-negative variants of Shigella Sonnei. K. V. IAshchenko. Mikrobiol. zhur. 23 no. 2:49-52 '61.

MANOMETER

Conversion formula for differential manometer readings in work with clay solutions. B. I. Esman, M. A. Abdinov, G. G. Gabuzov. Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk 2:115-119 '61

Indirect registration of median intra-arterial pressure in a moving man. L. N. Deribin. Fiziol. zhur. 46 no. 3:352-356 Mr '60.

Off-center device for repairing, checking, and distributing manometers. L. O. Stepanov. Neftianik 6 no. 7:23-24 Jl '61.

MANUAL TRAINING
(see also subdivision under Stalino Province)

An honored foreman conducts the lesson. L. Mitrofanov. Prof.-tekh. obr. 18 no. 6:19-21 Je '61

When work improves a group. P. Kuznetsov. Shkola-int. no. 3 33-34 My-Je '61

Work training. V. Milonidi. Shkola-int. no. 3 23-26 My-Je '61

Work training in the eight-year boarding schools. A. Khodyrev, A. Shastov. Shkola-int. no. 2 25-30 Mr-Ap '61

MANUAL TRAINING—EQUIPMENT AND SUPPLIES

Equipment for school work shops. R. Maiasanov. Shkola i proizv. 5 no. 7 77-78 Jl '61

MANUFACTURES

Follow the example of the foremost. Mest. prom. i khud. promys. 2 no. 6, 1 Je '61

Readers ask questions, tell their experiences and make suggestions. Mest. prom. i khud. promys. 2 no. 6, 25 Je '61.

MANUSCRIPTS (PAPYRI)

Unpublished papyri of the Hermitage. O. O. Krüger, M. G. Bystritskova, R. A. Novikova. Vest. drev. ist. no. 2 97-102 '61.

MANUSCRIPTS, JAPANESE

Akademiia nauk SSSR. Institut narodov Azii. [Oroshiyakoku suimutan (Dreams about Russia). Translated from the Japanese] Oroshiyakoku suimutan (Shy o Rossii). Izd. teksta, perevod, vstup. stat'ia i kommentarii V. M. Konstantinova. Pod red. N. I. Konrada. Moskva, Izd-vo vostochnoi lit-ry, 1961. 130, 132 pp. (Pamiatniki literatury narodov Vostoka. Tekaty. Malaia serila, no. 11)

MANUSCRIPTS, RUSSIAN see subdivision under France

MANYCH VALLEY—ROACH (FISH)

Ecological and morphological characteristics of roach in the Manych reservoir system. K. N. Titova. Nauch. dokl. vys. shkoly, biol. nauki no. 3 39-43 '61

MAP PRINTING

Koldaev, P. K. [Use of relief coloring and shading in the delineation and publication of maps] Primenenie tsvetovoi i tenevoi plastiki pri ofor mlenii i izdanii kart. Moskva, Izd-vo geodez. lit-ry, 1961. 46 p. (Moscow. TSentral'nyi nauchno-issledovatel'skii institut geodezii, aeros"emki i kartografii. Trudy, no. 140)

MAPS—BIBLIOGRAPHY see Bibliography—Maps

MARDAKERT DISTRICT (AZERBAIJAN)—AGRICULTURE—ACCIDENTS

Occupational injuries among cattle breeders and their prevention. G. M. Gukasian. Veterinariia 38 no. 6: 52-54 Je '61

MARI A. S. S. R.—FOREST MANAGEMENT

Eliminate shortcomings. N. V. Eremin. Les khoz. 14 no. 7 30 Jl '61.

MARI A. S. S. R.—LUMBERING—MACHINERY

Improve the maintenance of machinery. S. G. Karpov. Les. prom. 39 no. 7, 20-21 Jl '61

MARIANENKO, IVAN, pseud. see Petliashenko, Ivan Aleksandrovich, 1878-

MARINE DIESEL ENGINES

Transformation of equations of capacity and economy in the general form based on functional relations between the basic criteria for the blowing process, the filling and the combustion in two-stroke diesels. N. V. Ral'tsevich. Trudy LKI no. 20 189-191 '59.

Water pump gland seals of high-speed diesel engines. E. V. Gurari. Energomashinostroenie 7 no. 4:39-40 Ap '61.

MARINE ENGINES

Chumachenko, I. I. [Marine internal-combustion engines] Sudovye dvigateli vnutrennego sgoraniia. Izd. 2, perer. i dop. Moskva, Izd-vo "Morskoi transport," 1960. 675 p.

MARINE PIPE FITTING

Investigation of the rate of flow characteristics of throttle valves. M. G. Gus'kov. Trudy LKI no. 29:27-37 '59.

MARINE TURBINES

Determining losses through graphite piston rings composed of individual segments. F. L. IUditskii. Trudy LKI no. 29:199-208 '59.

Method of heat calculations of the main turbine surface condenser by tube groups. V. A. Agafonov. Trudy LKI no. 29, 137-142 '59.

Some results of investigating the spiral outlet flow of ring blading profiles. A. M. Topunov. Trudy LKI no. 29:193-197 '59.

MARITIME PROVINCE—INSURANCE, SOCIAL—EMPLOYEES

Always among people. V. Trunin. Sots. obesp. 22 no. 7:24-26 Jl '61.

MARITIME TERRITORY—APARTMENT HOUSES

Characteristics of a dwelling in the Maritime Territory. V. Litskevich. Zhil. stroi no. 6;28-31 Je '61

Functional qualities of apartment houses in the Maritime Territory. N Riabov, N Smirnova Zhil stroi no 6, 13-15 Je '61

MARITIME TERRITORY—OCEANOGRAPHIC RESEARCH

Estimating the representativeness of water temperature and salinity as exemplified by the data of the Tetyukhe and Terney Hydrometeorological Stations N P Pomazanova. Trudy Dal'nevost NIGMI no 13 52-59 '60

MARITIME TERRITORY—PALEOBOTANY—CRETACEOUS

Recent data on the Lower Cretaceous flora of southern Maritime Territory [with summary in English] V A Samylina Bot zhur 46 no 5:634-645 My '61

MARITIME TERRITORY—QUILLWORT

Quillwort isoetes asiatica Makino, a new species in the flora of the Maritime Territory. IU.A.Doronina. Bot.zhur. 46 no 5 733 My '61

MARITIME TERRITORY—SCARLET FEVER

Far Eastern scarlatinoid fever. I. I. Grunin, G. P. Somov, I IU Zalmover Voen.-med zhur no 8,62-66 Ag '60.

MARKETING RESEARCH

(see also subdivision under Jekabpils, Latvia, Molotovoe District, Rostov Province)

Conversation on an important subject. I. Borodin. Sov potreb koop 5 no 8:17-18 Ag '61

Let's plan marketing funds in product indices. V. Sinlutin. Sov torg 34 no 6 16-19 Je '61

Let's put the determination of the need for merchandise and the study of customers' demand on a scientific basis I kasevina, I Korzhenevskii Sov potreb koop 5 no 8:38-42 Ag '61

Use of mathematical methods in economic and commercial research. N Druzhinin. Sov torg 34 no 6 31-33 Je '61

MARKIN, NIKOLAI GRIGOR'EVICH, 1893-1918

Vargin, N. F. [Commissar of the Volga Fleet] Komissar Volzhskoi flotilii. Moskva, Gos. izd-vo polit. lit-ry, 1961. 84 p. (Geroi i podvigi) (CSt-H)

MARKING DEVICES

Stamp for labeling paper bags M Stetsenko Muk - elev prom 27 no 7 13 Jl '61

Tags of organic glass. V. V. Angileiko. Biol. v shkole no. 4:88-89 Jl-Ag '61

MARKOV CHAINS see Chains (Mathematics)

MARKOV PROCESSES

Additive functionals of Wiener's multidimensional process A. D Ventsel' Dokl AN SSSR 139 no 1: 13-16 Jl '61

Some problems concerning the behavior of finite automata M. L TSetlin. Dokl. AN SSSR 139 no. 4 830-833 Ag '61.

Some problems of the theory of homogeneous Markov processes with discrete time. S V Nagaev Dokl AN SSSR 139 no 1:34-36 Jl '61

MARRIAGE

Kul'bachko, Gennadii. [When two people meet] Kogda vstrechaiutsia dvoe. Izd. ispr. i dop. Stalino-Donbass, Knizhnoe izd-vo, 1959. 176 p. [MICROFILM]

MARROW

koses,(on the pathogenic ac- ow from patients with acute English], S. D. IAkovleva ' S-O '60

MARROW—TRANSPLANTATION

Use of bone marrow transplantation in the combined treatment of radiation sickness. I. E. Petrov, I. V Il'inskaia, T. N Astakhova. Vest. AMN SSSR 16 no 7, 63-71 '61.

MARS (PLANET)

Observations of Mars in 1958-1959. A. S. Semenov. Biul VAGO no. 29-44-46 '61

MARS (PLANET)—SATELLITES see Satellites—Mars

MARSHAK, SAMUIL IAKOVLEVICH, 1887-

Daylight. V. I. Leibson. Doshk. vosp. 34 no. 6:107-112 Je '61.

MARTENS see subdivision under Archangel Province

MARX, KARL, 1818-1883

"The dialectic of abstract and concrete concepts in the "Capital" of K. Marx" by E. V. Il'enkov. Reviewed by G. S. Batishchev, IU. N Davydov. Vop. filos. 15 no. 8 161-165 '61.

How Marx overcame the ideology of Hegel and Feuerbach in his "Economic and philosophical manuscripts" [with summary in English, pp. 185-186] O. Kornu. Vop filos 15 no. 6 88-100 '61

Useful aid for studying Marx's "Capital" ("Subject and personal name index for the first volume of K Marx's "Capital" by A Reuel' Reviewed by F Morozov). Vop ekon no 6 135-138 Ag '61

V. I Lenin on K Marx's "Capital." A L. Reuel'. Nauch. zap MFI no 11 41-75 '58

MARX, KARL, 1818-1883—BIBLIOGRAPHY see Bibliography—Marx, Karl, 1818-1883

MARX, KARL, 1818-1883—MONUMENTS

To Karl Marx. Stroi. i arkhit. Mosk. 10 no. 5:2 My '61.

MARX FAMILY

Vorob'eva, O. B., and I. M. Sinel'nikova. [Karl Marx's daughters] Docheri Marksa Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 142 p.

MASERS

Concerning the stability of oscillations in a maser [with summary in English] A F Mukhamedgalieva, R V Khokhlov Izv vys uchob zav , radiofiz 1 no 2 259-262 '61

Fabrikant, V. A. [A beam into space] Luch idet v kosmos. Moskva, Izd-vo "Znanie," 1961. 28 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 9, Fizika i khimiia, no. 8)

MASLYANINO DISTRICT—INSURANCE, SOCIAL

In the interest of collective farmers I Sitakov Sots. obesp. 22 no. 7:42-13 Jl '61

MASONRY

(see also subdivision under Komsomolsk-on-Amur)

Effect of the absorption qualities of stone on the solidity and strength of masonry. IU. V. Izmailov. Izv. vys. ucheb. zav. stroi. i arkhit. 4 no. 2:103-113 '61.

MASS SPECTROMETRY

Kukavadze, G. M., and others. [Measurement of the cross sections of the absorption and radiative capture of neutrons in U^{233} and the pile neutron spectrum] Izmerenie secheniia poglosheniia i secheniia radiatsionnogo zakhvata urana-233 dlia kotel'nogo spektra neitronov. Moskva, 1955. 13 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Mass measurements of tin and antimony isotopes. R. Kh. Demirkhanov and others Izv AN SSSR. Ser fiz 25 no 7 871-873 Jl '61

Possible use of mass spectrometry for the detection of impurities in the analysis of pure materials, survey. M. S. Chupakhin, IU. M. Miller. Zav. lab 27 no. 9:1009-1012 '61.

MASS TRANSFER

Heat and mass transfer in the conductive-convective drying of capillary porous bodies [with summary in English]. V. V. Krasnikov, V. A. Danilov. Inzh.-fiz. zhur. 4 no. 6: 27-32 Je '61.

MASS TRANSFER—CONGRESSES

All-Union Conference on Heat Exchange and Mass Transfer. Khim prom no. 7 516-517 Jl '61

MASSAGE

Use of exercise therapy and massage for patients with residual phenomena following removal of an arachnoendothelioma of the brain. N A. Belaia, N. F. Sokoleva, K. V. Pokrovskaia. Vop kur., fizioter. i lech fiz. kul't. 26 no 3,246-248 My-Je '61

MATERIAL HANDLING

Improve the fastening of equipment on platforms. V. N. P'ianykh. Vest. protivovozd obor. no. 5,28 My '61.

Sheet-pile manipulators. P. S. Chernobaev. Sbor. rats. predl vnedr. v proizv no. 2:23 '61.

MATERIALISM

Baskin, M. P. [What philosophy is] Chto takoe filosofiia. Izd. 2., dop. [Moskva] Mosk. rabochii, 1958. 70 p. (Obshchedostupnaia biblioteka po filosofii) (IEN)

The development of Marxist philosophical materialism from pre-Marxian materialism and their correlation. I I Shumilov, Sbor. st. Irk VPSH no. 1:95-118 '59.

MATERIALS—MAGNETIC PROPERTIES

Possibility of applying Faraday's method as an absolute method [with summary in English]. V. B. Evdokimov. Zhur. fiz. khim. 35 no. 6:1362-1366 Je '61.

Possibility of using Faraday's method as an absolute method [with summary in English] Li Fen'-i, V. B. Evdokimov Zhur. fiz. khim. 35 no. 7:1636-1637 Jl '61

MATERIALS—TESTING

Apparatus for determining the wear of materials in a fluidized bed. IU. I. Sorokin, Kh. L. TSeitlin. Zav. lab 27 no. 8:1044-1045 '61.

Effect of the reserve of elastic energy on the value of a true resistance to fracture. IU. S. Tomenko, I. V. Novotskii Zav lab. 27 no. 7:883-887 '61.

Tension and torsion testing of studs at different flexibility of load-applying devices T. K. Zilova and others. Zav. lab 27 no. 7:877-883 '61.

MATERIALS—THERMAL PROPERTIES

Generalization of the Planck-Gibbs equation applied to caloric surfaces of state V. V Sychev Zhur fiz khim 35 no 7 1638-1639 Jl '61

Some problems of heat resistance M. IU. Bal'shin, Dai Shou-khuei [Tai Shou-hui] Izv. AN SSSR Otd tekh. nauk Met i topl no 3;73-76 My-Je '61

MATERIALS, EFFECT OF RADIATION ON

The dynamics of radiation damage [translated from the English] G. H. Vineyard Usp. fiz nauk 74 no 1 435-459 Jl '61

Effect of gamma radiation on the dielectric properties of electric insulating materials Part 6 Compounds of polyester and epoxide resins. E. S Nesmeieva, K. A Vodop'ianov, B I Vorozhtsov. Izv vys uchebn zav fiz no 3 120-124 '61

Output of radioluminescence of organic substances. Z. A. Chizhikova. Trudy Fiz. inst. 15:178-220 '61.

Variation of the mechanical characteristics of amorphous selenium under the action of gamma rays S V Starodubtsev, I A Domoriad, L P Khiznichenko Dokl AN SSSR 139 no 3,594-595 Jl '61.

MATERNAL AND INFANT WELFARE

(see also subdivision under Kumeny District)

What privileges are accorded to nursing mothers Semlia i shkola 16 no. 5,19 My '61

MATERNITY INSURANCE see Insurance, Maternity

MATHEMATICAL ANALYSIS

Method for determining the constants of the Christoffel-Schwarz integral P F Filipchakov. Dokl. AN SSSR 139 no 1:44-47 Jl '61.

Structural noise immunity of one class of closed dynamic systems M V Meerov. Dokl. AN SSSR 139 no 4 827-829 Ag '61.

Volterra operators produced by perturbation of self-adjoint operators V. I. Matsaev Dokl AN SSSR 139 no 4:810-813 Ag '61

MATHEMATICAL DRAWING see Geometrical drawing

MATHEMATICAL ECONOMICS see Economics, Mathematical

MATHEMATICAL PHYSICS

Smirnov, M. M. [Problems in connection with equations of mathematical physics] Zadachi po uravneniiam matematicheskoi fiziki. Izd. 4., dop. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 112 p.

MATHEMATICAL STATISTICS

[Astremskii, B. S.] [Some problems of mathematical statistics] Nekotorye voprosy matematicheskoi statistiki. Moskva, Gosstatizdat TsSU SSSR, 1961. 101 p.

Investigating the behavior of linear dynamic systems under the action of nonlinear functions of random processes A. A. Sveshnikov Prikl mat i mekh 25 no 3 445-452 My-Je '61

MATHEMATICAL STATISTICS—TABLES, ETC.

Janko, Jaroslav. [Mathematical-statistical tables. Translated from the Czech] Matematiko-statisticheskie tablitsy. Moskva, Gosstatizdat TsSU SSSR, 1961. 243 p.

MATHEMATICS

[Mathematics; translations of foreign articles.] Matematika; period. sbor. perev. inostr. st. 6 no. 4 Jl-Ag '61.

MATHEMATICS—ABSTRACTS

[Mathematics.] Ref. zhur.: Mat. no. 8 Ag '61.

MATHEMATICS—BIBLIOGRAPHY see Bibliography—Mathematics

MATHEMATICS—FORMULAE

Effective inseparability of a set of identically true formulae and a set of finitely refutable formulae in certain elementary theories A I Mal'tsev. Dokl AN SSSR 139 no. 4:802-805 Ag '61.

MATHEMATICS—STUDY AND TEACHING

Gel'fand, M. S. [Teaching the subject "Derivative functions" in grade 10 of schools for working youth] Prepodavanie temy "Proizvodnaia funktsiia" v X klasse shkoly rabochei molodezhi. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1958. 111 p. (Pedagogicheskaia biblioteka uchitelia)

"Methodology of arithmetic and geometry in the first years of school" by Liudwika Elen'ska. Reviewed by A. F. Kolikov, I. B. Veitsman. Nach. shkola 20 no. 6 86-90 Je '61.

Piaget, Jean, and others. [Teaching of mathematics. Translated from the French; manual for teachers] Prepodavanie matematiki; posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 161 p.

Studying polyhedrons and round bodies with the use of a definite integral. D. A. Soshin. Sred spets obr. 8 no. 6:13-21 Je '61.

MATHEMATICS, CHINESE

Chistiakov, V. D. [Materials on the history of mathematics in China and India, a manual for extracurricular work] Materialy po istorii matematiki v Kitae i Indii; posobie dlia vneklassnoi raboty. Moskva, Gos. uchebno-pedagog. izd-vo, 1960. 165 p. (CU)

MATHEMATICS, HINDU

Chistiakov, V. D. [Materials on the history of mathematics in China and India, a manual for extracurricular work] Materialy po istorii matematiki v Kitae i Indii, posobie dlia vneklassnoi raboty. Moskva, Gos. uchebno-pedagog. izd-vo, 1960. 165 p. (CU)

MATRICES

Calculus of statements with complementary operations. IA. S. Smetanich. Dokl. AN SSSR 139 no. 2,309-312 Jl '61

Compact scheme for the solutions of equations by the method of orthogonalization. S. A. Smirnov. Trudy MIIGAIK no. 44:35-38 '61

Concerning the number of types of equivalent matrices. IU. I. Sagalovich. Probl. pered. inform. no. 9:218-229 '61

Matrix element in the $\pi+N \to \pi+\pi+N$ reactions at low energies. O. I. Zavialov, V. P. Pavlov. Dokl. AN SSSR 139 no. 1,79-82 Jl '61

Rounding-off errors in the solution of normal equation systems by the method of elimination and the method of square roots. A. Z. Sazonov. Trudy TSNIIGAIK no. 135,35-51 '60

Weizsäcker-Williams relation for matrix elements. A. M. Badalian, IA. A. Smorodinsii. Zhur. eksp. i teor. fiz. 40 no. 4:1231-1233 Ap '61.

MATRONS OF DORMITORIES see Housemothers

MAUK REGION—ELECTROMAGNETIC PROSPECTING

Studying possibilities in the use of the amplitude and phase measurement method in detecting ore bodies at the Mauk deposit. I. A. Dobrokhotova. Geofiz. razved. no. 4,96-106 '61.

MAY DAY (LABOR HOLIDAY) see subdivision under Turkestan

MAY DAY (LABOR HOLIDAY)—BIBLIOGRAPHY see Bibliography—May Day (Labor holiday)

MAYYA VALLEY—PETROLEUM GEOLOGY

Prospects for oil in the late Pre-Cambrian sediments in the middle Mayya River. V. M. Moralev, S. V. Nuzhnov. Izv. vys. ucheb. zav., geol. i razv. 4 no. 1:20-24 Ja '61.

MAYYA VALLEY—ROCKS, IGNEOUS

Small Cretaceous intrusions of granitoids in the upper Mayya River (Aldan Shield). V. S. Kogen. Trudy VAGT no. 7:112-120 '61.

MAZAROVICH, ALEKSANDR NIKOLAEVICH, 1886-1950

Aleksandr Nikolaevich Mazarovich, student and young scientist; obituary. O. K. Lange. Biul. MOIP. Otd. geol. 36 no. 2:4-10 Mr-Ap '61.

In memory of A. N. Mazarovich. Biul. MOIP. Otd. geol. 36 no. 2:3 Mr-Ap '61.

Proceedings of the conference dedicated to the memory of A. N. Mazarovich. Biul. MOIP. Otd. geol. 36 no. 2:110-113 Mr-Ap '61.

MAZEPA, IVAN STEPANOVICH, HETMAN OF THE COSSACKS, d. 1709

Ohloblyn, Olexander. [Hetman Ivan Mazepa and his era] Het'man Ivan Mazepa ta joho doba. New York, Vyd-vo OOChSU-LVU, 1960. 406 p. (CaOOU)

MEADOWS see Pastures and meadows

MEAL

Organize the production of vitamin-rich pine needle meal. R. Tomchiuk. Les. prom. 39 no. 7:16 Jl '61.

MEASLES

A study of the etiology of measles. Report No. 1: Isolation of the measles virus by direct inoculation of a chick embryo [with summary in English]. K. M. Rozental', L. I. Kopytovskaia. Vop. virus. 6 no. 5:572-577 S-O '60.

A study of the immunological relation between measles and canine distemper viruses. Report No. 1: Infection of puppies with canine distemper virus following experimental measles [with summary in English]. N. E. Rinzantseva and others. Vop. virus. 6 no. 5:577-582 S-O '60.

MEASUREMENTS, ELECTRONIC see Electronic measurements

MEASURING INSTRUMENTS
(see also subdivision under Leningrad)

Gusin, M. D. [Assembly and use of control and measuring instruments] Montazh i ekspluatatsiia kontrol'no-izmeritel'nykh priborov. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii. Sverdlovskoe otd-nie, 1961. 256 p.

Murzin, I. K. [Inspection of repair operations] Kontrol' remontnykh operatsii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 105 p. (Biblioteka slesaria-remontnika, no. 10)

[MICROFILM]

MEASURING INSTRUMENTS—STANDARDS

Dial indicators. G. B. Kamei. Standartizatsiia 25 no. 8,50 Ag '61

MEASURING TAPES—STANDARDS

Characteristics of work done with the comparator at the Department Geodesy during the period 1952-1959. V. I. Kozlov, K. P. Solovlev. Trudy MIIGAIK no. 44:65-76 '61

Standardization of invar wires used in engineering geodesy. M. P. Karpenko. Trudy MIIGAIK no. 44, 101-106 '61

MEAT
(see also subdivision under Poltava)

Oven for baking meat pies. N. Brodskii, N. Riabchinskii. Mias. ind. SSSR 32 no. 3:51 '61.

Problem of the hygienic evaluation of the quality of meat irradiated with ionizing radiations [with summary in English]. I. M. Buznik. Vop. pit. 19 no. 2:63-69 Mr-Ap '60.

Study of the nutritional value of nutria meat. J. Weirzchowski, T. Dombrowski, Z. Hanowiak. Vop. pit. 19 no. 2,87-88 Mr-Ap '60.

Testing cold-storage rooms for freezing meat. S. Chuklin, I. Chumak, I. Mogilevskii. Mias. ind. SSSR 32 no. 1:11-16 '61.

MEAT—DRYING

Rapid method for determining the moisture content of meat. N. Sukharev, O. Bulycheva, E. Belenkova. Mias. ind. SSSR 32 no. 1:11-13 '61.

MEAT—PACKAGING

Vacuum-packing machines. Mias. ind. SSSR 32 no. 2 62-63 '61

MEAT—PRESERVATION
(see also subdivision under United States)

Changes in the chemical indices of canned meat sterilized at 115-150° C. I. Kagan, Z. Golovina, B. Krasnaia. Mias. ind. SSSR 32 no. 1:50-52 '61.

Effect of feeding conditions and the housing of livestock before slaughtering on the glycolysis and meat preservation. I. Zagaevskii. Mias. ind. SSSR 32 no. 2 33-34 '61

Faster aging of meat by papain injection prior to slaughtering. Mias. ind. SSSR 32 no. 1:62 '61.

How to preserve confiscated inedible meat and other products. Mias. ind. SSSR 31 no. 4:56 '60.

MEAT—TRANSPORTATION

Economic effectiveness of adopting progressive forms of interoperational transportation. N. Fedorov, A. Sukhorukov, A. Gorbatov. Mias. ind. SSSR 32 no. 2:39-41 '61.

Lowering the cost of meat transportation. S. Kochetov. Mias. ind. SSSR 32 no. 2 41-43 '61.

MEAT, CANNED
(see also subdivision under United States)

Improve automatic device for filling cans. V. Borisov. Mias. ind. SSSR 31 no. 4:13-14 '60

MEAT, CANNED—PRESERVATION

Chromatographic method for determining the tin content of canned meat. E. Ol'shanova, N. Morozova, G. Muromtseva. Mias. ind. SSSR 32 no. 2:47-48 '61.

MEAT, CANNED—STERILIZATION

Experience in sterilizing canned meat under pressure. G. Shilin, F. Belousov. Mias. ind. SSSR 32 no. 3:28-29 '61

MEAT, FROZEN

Effect of adenosine triphosphate acid on the contraction of muscles in chilled and frozen meat. L. Gordzievskii. Mias. ind. SSSR 32 no. 3:52-54 '61.

MEAT, SMOKED
(see also subdivision under United States)

Possibilities for replacing smoke by smoke preparations. V. Kurko. Mias. ind. SSSR 31 no. 4:24-26 '60

Useful book ("Physicochemical and chemical principles of food smoking processes" by V. Kurko. Reviewed by S. Surzhin). Mias. ind. SSSR 32 no. 3:59-60 '60.

MEAT CUTTING

Improvement in the design of the Moskvichka saw. N. Mitrofanov. Mias. ind. SSSR 32 no. 1:48 '61.

MEAT INDUSTRY
(see also subdivision under Astrakhan Province; Azerbaijan; Kazakhstan; Kherson Province; Kiev; Kostroma Province; Moscow; Minsk; Sukhumi; United States)

Answers and questions concerning labor and wages. A. Chulanov, M. Tolkachev. Mias. ind. SSSR 31 no. 4:55-56 '60.

Awards to enterprises, institutes, and innovators of industry. Mias. ind. SSSR 32 no. 1:5-6, 62 '61.

Efforts for greater profit in the sausage industry. S. Belei. Mias. ind. SSSR 31 no. 4:39-43 '60

Following the course set by the party. Mias. ind. SSSR 32 no. 3:1-5 '61

Foundations for further development of the raw material base of the meat industry. Mias. ind. SSSR 32 no. 2, 1-5 '61

Important reserve for meat production. S. Karepin. Mias. ind. SSSR 31 no. 4:35-36 '60

Improvement of the work of freezers. A. Sheffer. Mias. ind. SSSR 31 no. 4,10-13 '61

Improving planning in the meat industry. B. Gevorgian, and others. Mias. ind. SSSR 32 no. 2 35-36 '61

In British, Dutch, Danish, and French meat-processing enterprises. P. Baldyrev, I. Burtsev, V. Novikov. Mias. ind. SSSR 32 no. 2 51-56 '61.

In the "Meat Industry" Pavilion. Mias. ind. SSSR 31 no. 4:56-57 '60

Instructions for designing meat combines. Mias. ind. SSSR 32 no. 2 29-30 '61.

Meat industry in January-April of 1961. Mias. ind. SSSR 32 no. 3:6-7 '61

Meat industry in the second year of the seven-year plan. Mias. ind. SSSR 32 no. 1 4-5 '61.

Meat industry in the second year of the seven-year plan. Mias. ind. SSSR 32 no. 2:6-7 '61.

Meat production in capitalist countries. Mias. ind. SSSR 32 no. 3:46 '61.

Progressive technology in the service of the meat industry. Mias. ind. SSSR 31 no. 4:1-6 '60.

Simplified formulas for calculating the capacity of pipelines. V. Bykov. Mias. ind. SSSR 31 no. 4:17-19 '60.

What were the results of the contest for factory designs in the meat industry? N. Churilkin. Mias. ind. SSSR 32 no. 2 23-29 '61.

MEAT INDUSTRY—CONGRESSES

Scientific and Technical Conference of Workers of the Meat-Processing Industry. Mias. ind. SSSR 31 no. 4:20 '60.

MEAT INDUSTRY—COSTS

Changes in the procedure of calculating production costs. Mias. ind. SSSR 32 no. 3:42-44 '61

MEAT INDUSTRY—EQUIPMENT AND SUPPLIES
(see also subdivision under Konotop, Leningrad, Yaroslavl)

A book with many shortcomings defects ("Equipment of enterprises of the meat industry" by G. A. Faleev. Reviewed by P. Gnoevoi). Mias. ind. SSSR 32 no. 3:58 '61

Combine for processing swine heads. N. Gimel'farb. Mias. ind. SSSR 32 no. 1 17-18 '61.

Conference on supplying meat combines with equipment. Mias. ind. SSSR 31 no. 4 6 '60

Device for controlling the stroke of an apportioning piston in automatic cutlet cutters. I. Nikolaev. Mias. ind. SSSR 32 no. 1:46-47 '61.

Efficiency promoters did it. V. Silin. Mias. ind. SSSR 31 no. 4:50-51 '60.

Fastening carcasses for mechanical skin removal. A. Vasil'chenko. Mias. ind. SSSR 32 no. 2 45 '61.

Foreign patents. Mias. ind. SSSR 32 no. 1:63 '61.

Inclined conveyor for transporting carcasses. Mias. ind. SSSR 31 no. 4:62 '60.

Machine for sawing knuckles from shank bones. V. IAkovlev. Mias. ind. SSSR 32 no. 2 46 '61

Mechanization of the removal of the kanyga (stomach contents of ruminants). B. Gol'fman. Mias. ind. SSSR 32 no. 2:11 '61

Mechanized flow production line for processing swine and sheep intestines. P. Maltutin, E. Kurbatova. Mias. ind. SSSR 32 no. 3,16-17 '61.

New equipment for meat combines. V. Prozorovskii. Mias. ind. SSSR 32 no. 3:20-21 '61.

Projection camera for a trichinelloscope. M. Serdiukova, B. Chepeliuk. Mias. ind. SSSR 32 no. 3 47 '61.

Separation of meat from bones by pressing. A. Skrypnik. Mias. ind. SSSR 32 no. 2 8-9 '61.

Technological innovations and complex mechanization of the initial processing of cattle, zonal conferences on timely subjects. Mias. ind. SSSR 32 no. 3:32-35 '61.

Testing results of the Minsk-59 electric saw. P. Voinova, G. Solntseva. Mias. ind. SSSR 32 no. 2 14 '61.

Thermal insulation of machinery of the meat industry. A. Lepilkin, S. Nozdrin. Mias. ind. SSSR 32 no. 3:54-57 '61.

Unit for the mechanical removal of skin from swine and sheep. M. Nazarenko. Mias. ind. SSSR 32 no. 3:18-19 '61.

MEAT INDUSTRY—FINANCE
(see also subdivision under Moscow)

Assistance to financial workers ("Organization of financial work in enterprises of the meat industry" by M. Basovich. Reviewed by N. Belinkii). Mias. ind. SSSR 32 no. 3,60 '61.

Shortcomings of a useful pamphlet ("Production costs of the meat industry and means for lowering them" by IA. Krasnopol'skii. Reviewed by K. Narbut). Mias. ind. SSSR 32 no. 2,51 '61.

MEAT INDUSTRY—HYGIENIC ASPECTS

Sanitary conditions in the meat-processing enterprises. S. Gorzhkovskaia. Mias. ind. SSSR 32 no. 2 30-32 '61.

MEAT INDUSTRY—RESEARCH

[All-Union Scientific Research Institute of the Meat Industry.] Vsesoiuznyi nauchno-issledovatel'skii institut miasnoi promyshlennosti. Moskva, Glavniiproekt pri Gosplane SSSR, 1958. 10 p.

MEAT INDUSTRY—TECHNOLOGICAL INNOVATIONS

(see also subdivision under Ukraine, Zaporozh'ye)

Creative activity of technical personnel. G. Ivanov. Mias. ind. SSSR 32 no. 1 30-31 '61.

Foreign patents. Mias. ind. SSSR 31 no. 4, 63 '60.

Foreign patents. Mias. ind. SSSR 32 no. 3:63 '61.

MECHANICAL BRAINS see Cybernetics

MECHANICAL DRAWING

Bruk, S. I. [Practice of structural and technological development of drawings in the manufacture of machinery.] Opyt konstruktivnoi i tekhnologicheskoi razrabotki chertezhei v mashinostroenii, stenogramma lektsii. Leningrad, 1961. 98 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Seriia: Organizatsiia i ekonomika proizvodstva)

Determining factors affecting the amount of time required to produce mechanical drawings. V. I. Kusanov. Izv. vys. ucheb. zav., mashinostr. no. 6 122-128 '61.

Determining parameters of flat joints of conic parts in making boilers and models. IA. P. Tukhman, V. G. Fokin. Trudy KhPI 21 Ser. met. no. 4 107-116 '59.

MECHANICAL DRAWING—STUDY AND TEACHING

Remarks on methods of teaching mechanical drawing in the seventh grade. O. V. Khotimskaia. Shkola i proizv. 5 no. 7, 66-67 Jl '61.

Working on mechanical drawing and mensuration in primary grades. P. S. Isakov. Nach. shkola 29 no. 6 42-46 Je '61.

Zelenin, E. V. [Elements of descriptive geometry in school; aid for teachers of mechanical drawing.] Elementy nachertatel'noi geometrii v shkole; v pomoshch' uchiteliu chercheniia. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1955, 227 p.

MECHANICAL DRAWING—TEXTBOOKS

The textbook on mechanical drawing needs further improvement ("Mechanical drawing, textbook for the grades 7-8" by G. IU. Prokof'ev. Reviewed by P. Sunyk, V. Elin). Rad. shk. 40 no. 5, 86-87 My '61.

MECHANICAL ENGINEERING

Brief news. Mashinostroitel' no. 7-4, 12, 19, 34, 36 '61.

MECHANICAL ENGINEERING—AUDIO-VISUAL AIDS

Manufacturing visual aids with the help of night school students. K. D. Dorofeeva. Sred. spets. obr. 8 no. 7: 31-33 Jl '61.

MECHANICAL ENGINEERING—BIBLIOGRAPHY see Bibliography—Mechanical engineering

MECHANICAL ENGINEERING—STUDY AND TEACHING

Preparing students for creative work. V. F. Kalnev. Shkola i proizv. 5 no. 7, 60-66 Jl '61.

Students construct, manufacture and use appliances. A. Shvedov. Prof.-tekh. obr. 18 no. 7:22-23 Jl '61.

MECHANICAL WEAR

-- 0A steel subjected to ... Izv. AN Kir. SSR

Method of analytic mechanics in the theory of absolutely elastic impact of systems of material bodies. V. I. Kirgetov. Prikl. mat. i mekh. 25 no. 3 407-412 My-Je '61.

Potential method for integrating mechanical equations [with summary in English]. S. N. Kurpichnikov. Vest. LGU no. 13 103-110 '61.

MECHANICS, CELESTIAL

Kozyrev, N. A. [Causal or asymmetrical mechanics in a linear approximation] Prichinnaia ili nesimmetrichnaia mekhanika v lineinom priblizhenii. Pulkovo, Glavnaia Astronomicheskaia observatoriia, 1958. 87 p. [MICROFILM]

MECHANIZATION, MILITARY

Mechanization is the key to success in operations. S. Akif'ev. Tyl i snab. Sov. Voor. Sil 21 no. 4 66-70 Ap '61.

MECHANIZED FORCES see Mechanization, Military

MECKLENBURG (GERMANY)—PHYTOGEOGRAPHY—MAPS

"Phytogeographical maps of Mecklenberg" [in German] by W. Rothmaler. Reviewed by A. I. Tolmachev. Bot. zhur. 46 no. 5:736 My '61.

MEDICAL BACTERIOLOGY see Bacteriology, Medical

MEDICAL CARE see subdivision under Staro-Minskiy District

MEDICAL CLIMATOLOGY see Climatology, Medical

MEDICAL ELECTRONICS

Reflex telemetering device. O. Bokser, M. Klevtsov. Radio no. 5 51-52 My '61.

Two-channel measuring amplifier. D. Golov, B. Piatigorskii. Radio no. 4 49-51 Ap '61.

Use of electronic analog computers for studying the dynamics of the changes of the level of erythrocytes in a body. E. N. Mosiagina and others. Izv. vys. ucheb. zav., elektromekh. 4 no. 1 62-70 '61.

MEDICAL GYMNASTICS see Exercise therapy

MEDICAL INSTRUMENTS AND APPARATUS

Cardiotachometer with interval-registration. V. A. Reaben, IU. R. Unger. Fiziol. zhur. 46 no. 3:356-360 Mr '60.

Field table for treating burns. V. A. Pankov, N. A. Starostin. Voen.-med. zhur. no. 8, 60-61 Ag '60.

Mechanoelectrical converter for pulse registration. O. IA. Grinshpun. Fiziol. zhur. 46 no. 3:360-362 Mr '60.

MEDICAL JURISPRUDENCE

Rostov-on-Don. Meditsinskii institut. Kafedra sudebnoi meditsiny. [Papers by the Faculty of Medical Jurisprudence of the Rostov Medical Institute] Sbornik nauchnykh rabot. Red. kolleg. V. I. Shchedrakov i dr. Rostov-na-Donu, 1959. 248 p. (DNLM)

MEDICAL PERSONNEL

Compensation paid to subprofessional medical personnel sent on service missions, to postgraduate and specialized training courses, and transferred to other work. L. I. TSareva. Fel'd i akush. 26 no. 7 56-61 Jl '61.

In the Academy of Medical Sciences of the U. S. S. R. Ort. zhur. 16 no. 4:256 '61.

Legal consultation. L. I. TSareva. Fel'd. i akush. 26 no. 6:60-64 Je '61.

Method of determining the need for subprofessional medical personnel and prospects for its training. G. A. Popov. Sov. zdrav. 20 no. 6:58-66 '61.

MEDICAL PERSONNEL—PENSIONS

Pensions for prolonged meritorious service for physicians and other medical and pharmaceutical personnel. D. M. Pirogov. Voen.-med. zhur. no. 8, 94-95 Ag '60.

MEDICAL PHOTOGRAPHY see Photography, Medical

MEDICAL RECORDS

Preparing medical reports with the tape recorder. P. D. IArysheva, E. A. Aizenshtark. Zdrav. Ros. Feder. 5 no. 7:33-34 Jl '61.

MEDICAL SOCIETIES see subdivision under Krasnodar Territory

MEDICINE

(see also subdivision under Kolomna; Yemen)

"Basic medical research" [in German], edited by K. F. Bauer, Vol. 2. Reviewed by N. Bogolepov. Zhur. nevr. i psikh. 61 no. 3:469-472 '61.

Important anniversaries in 1962; discoveries and events. Sov. zdrav. 20 no. 6 78-80 '61.

Problem of training and postgraduate education of sanitary personnel and activities of the Scientific Medical Council of the People's Commissariat of Public Health of the R. S. F. S. R. (1918-1932). E. A. Kustova. Gig. i san. 26 no. 3:50-54 Mr '61.

MEDICINE—ABSTRACTS

[Medical abstracts] Med. ref. zhur. sect. 2 vol. 5 no. 8 Ag '61, sect. 3 vol. 5 nos. 7-8 Jl-Ag '61, sect. 4 vol. 5 nos. 7-8 Jl-Ag '61, sect. 5 vol. 5 nos. 7-8 Jl-Ag '61; sect. 6 vol. 5 nos. 7-8 Jl-Ag '61; sect. 7 vol. 5 no. 8 Ag '61; sect. 8 vol. 5 no. 8 Ag '61, sect. 9 vol. 5 nos. 7-8 Jl-Ag '61.

MEDICINE—AUDIO-VISUAL AIDS

Flat projection of the human trunk on paper. I. A. Reshetnikov. Biol. v shkole no. 4:85-88 Jl-Ag '61.

MEDICINE—BIBLIOGRAPHY see Bibliography—Medicine

MEDICINE—CONGRESSES

Celebrations in connection with the 150th anniversary of the founding of Berlin University and the 250th anniversary of the Charité. Z. I. IAnushkevichus. Vest. AMN SSSR 16 no. 3:53-55 '61.

Third International Congress on Physical Medicine. N. M. Liventsev, A. N. Obrosov. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 3, 263-266 My-Je '61.

MEDICINE—HANDBOOKS, MANUALS, ETC.

Bunin, K. V., ed. [Pocket manual for the specialist in infectious diseases, clinical aspects, diagnosis, and treatment] Karmannyi spravochnik infektsionista, klinika, diagnostika, lechenie. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 233 p. (DNLM)

MEDICINE—HISTORY

Mul'tanovskii, M. P. [History of medicine] Istoriia meditsiny. Moskva, Gos. izd-vo med. lit-ry, 1961. 345 p.

MEDICINE—PHILOSOPHY

Physicians study the philosophical problems of natural sciences. P. M. Katulov. Vop. filos. 15 no. 8 151-152 '61.

MEDICINE—STUDY AND TEACHING

(see also subdivision under Tartu; Temir-Tau)

New methods in advanced training of physicians. N. M. Khromov. Zdrav. Ros. Feder. 5 no. 7:23-27 Jl '61.

MEDICINE, ATOMIC see Atomic medicine

MEDICINE, CLINICAL

(see also subdivision under Kiev)

Krinitskii, A. F. [Clinical and biochemical investigations for doctors] Vrachebnye kliniko-biokhimicheskie issledovaniia. Kiev, Gos. med. izd-vo USSR, 1960. 136 p. (Biblioteka prakticheskogo vracha) (DNLM)

MEDICINE, EXPERIMENTAL

Akademiia meditsinskikh nauk SSSR. Moscow. Institut eksperimental'noi meditsiny. [Achievements and ways of developing some branches of experimental medicine, reports of scientists of the Institute of Experimental Medicine of the Academy of Medical Sciences of the U. S. S. R. on the 40th anniversary of the Great October Revolution] Itogi i puti razvitiia nekotorykh razdelov eksperimental'noi meditsiny; doklady uchenykh IEM AMN SSSR, posviashchennye 40-letiiu Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii. Pod red. N. A. Kharauzova. Leningrad, 1958. 77 p. (DNLM)

MEDICINE, INDUSTRIAL—BIBLIOGRAPHY see Bibliography—Medicine, Industrial

MEDICINE, MILITARY

Achievement award in medical services. A. V. Voropai. Voen. med. zhur. no. 8, 17-19 Ag '60.

"Around-the-clock duty by the bedside." A. Teleshenko. Starsh.-serzh. no. 1:16 Ap '61.

Chemoprophylaxis and chemotherapy of tuberculosis under army conditions. I. B. Beilin. Voen.-med. zhur. no. 3:32-36 Mr '61.

Organization of special training for the medical personnel of military units and ships at a sanitary and epidemiological laboratory. I. N. Rozhanskii, IA. I. Gel'perin, A. F. Dolgov. Voen.-med. zhur. no. 3:10-12 Mr '61.

Organization of specialized surgical aid in mass burns. N. T. Katerinich. Voen.-med. zhur. no. 3:13-14 Mr '61.

Portable apparatus for determining the porosity of bread. O. A. Lastkov. Voen.-med. zhur. no. 8, 85-86 Ag '60.

Problems in medical service for troops during the summer period of training. Voen.-med. zhur. no. 3:3-6 Mr '61.

Resolutions of the plenary session of the Central Committee of the Communist Party of the Soviet Union. Voen.-med. zhur. no. 8:3-6 Ag '60.

Some problems of military medical expert testimony in tuberculosis of the lungs. E. M. Grinshpunt. Voen.-med. zhur. no. 3:37-40 Mr '61.

Women physicians as guardians of the health of Soviet troops. A. A. Shibkov, V. F. Shepilevich. Voen.-med. zhur. no. 3:7-9 Mr '61.

A year of work by the unified medical services on unifying problems arising from the decree of the Central Committee of the Communist Party of the Soviet Union and Soviet of Ministers of the U. S. S. R. V. I. Dubrovin. Voen.-med. zhur. no. 3:10-12 Mr '61.

MEDICINE, MILITARY—HANDBOOKS, MANUALS, ETC.

Melchanov, N. S. [Treatment in the field; manual for students of medical institutions and for physicians] Voenno-polevaia terapiia, rukovodstvo dlia studentov medvuzov i vrachei. [Leningrad] Gos. izd-vo med. lit-ry Medgiz, Leningr. otd-nie, 1961. 234 p. (DNLM)

MEDICINE, MILITARY—STUDY AND TEACHING

Specialization and training of military physicians in isolated courses. G. E. Khalamov. Voen.-med. zhur. no. 8:12-14 Ag '60.

MEDICINE, NAVAL

Health education of a ship. A. Chalganov. Tyl i snab. Sov. Voen. Sil. 21 no. 4:29-33 Ap '61.

Organization of special training for the medical personnel of military units and ships at a sanitary and epidemiological laboratory. I. N. Rozhanskii, I. A. L. Gal'pertin, A. F. Dolgov. Voen.-med. zhur. no. 3:10-12 Mr '61.

MEDICINE, NAVAL—STUDY AND TEACHING

Controlling unideal attitudes in carrying out instruction in naval medicine. V. V. Fedotov. Voen. med. zhur. no. 8: 14-17 Ag '60.

MEDICINE, PSYCHOSOMATIC

"Critique of psychosomatic medicine" [in German] by H. J. Weitbrecht. Reviewed by I. S. Kagan. Zhur. nevr. i psikh. 61 no. 4:626-629 '61.

MEDTNER, NIKOLAI KARLOVICH, 1879-1951

Beethoven, Medtner, A. Medvedev. Sov. muz. 25 no. 7:93-94 Jl '61.

MEIER, KONSTANTIN IGNAT'EVICH, 1881-

Konstantin Ignat'evich Meier, the prominent Soviet plant morphologist, on his 80th birthday. L. G. Serebriakov. Biul. MOIP. Otd. biol. 66 no. 4:5-12 Jl-Ag '61.

MEILLITE see subdivision under Kuznetsk Ala-Tau

MEL'NIKOV, PAVEL IVANOVICH, 1819-1883

P. I. Mel'nikov-Pecherskii's studies in the field of local history. D. G. Lavrov, F. A. Peshkin. Ist. SSSR 5 no. 4:151-154 Jl-Ag '61.

MELOYOYE DISTRICT—MARKETING RESEARCH

Main task of the trade department. V. Vasilenko. Sov. potreb. koop. 5 no. 7:29-30 Jl '61.

MELTING POINTS

Akademiia nauk SSSR. Institut obshchei i neorganicheskoi khimii. [Reference book on the fusibility of systems of anhydrous inorganic salts] Spravochnik po plavkosti sistem iz bezvodnykh neorganicheskikh solei. Sost. N. K. Voskresenskaia i dr. Moskva.

Vol. 2. [Ternary, ternary reciprocal, and multicomponent systems] Sistemy troinye, troinye vzaimnye i bolee slozhnye. 1961. 585 p.

Fusibility diagrams of certain salt systems containing potassium fluozirconate. Part I. I. N. Sheiko, R. V. Chernov, V. S. Kikhno. Ukr. khim. zhur. 27 no. 4: 469-473 '61.

Types of melting diagrams of the binary systems formed from alkali metal and radium chlorides. V. R. Klokman. Radiokhimiia 3 no. 3:302-308 '61.

MEMBRANES (CHEMISTRY)

Potentials of some cation-exchange membranes [with summary in English]. IA. M. Kots, V. A. Zarinskii. Zhur. fiz. khim. 35 no. 6:1219-1220 Je '61.

Rectification at the boundary of an ion-exchange membrane. L. L. Odynets. Zhur. fiz. khim. 35 no. 6: 1372-1373 Je '61.

Rectification of electric current at the boundary of ion-exchange membranes [with summary in English]. V. N. Maslov, A. V. Ovodova. Zhur. fiz. khim. 34 no. 2:413-415 F '60.

MENDELEEV, DMITRII IVANOVICH, 1834-1907

Found in the archives. A. A. Makarenia. Nauka i zhizn' 28 no. 6:77 Je '61.

MENINGES—TUBERCULOSIS

Some remarks on the article "Cholesteatomas of the cauda equina of the spinal cord following tuberculous meningitis in children treated with endolumbar streptomycin." N. A. Popov. Zhur. nevr. i psikh. 61 no. 4: 637-638 '61.

MENINGITIS

Meningoencephalitis with hydrocephalus appearing as a brain tumor [with summary in French]. I. S. Glushkova, O. A. Leponogov. Zhur. nevr. i psikh. 61 no. 4:617-621 '61.

MEN'S CLOTHING see subdivision under Moscow

MENSURATION

Measuring large-diameter cylinders with the help of slide calipers. E. Khamitov. Shkola i proizv. 5 no. 7: 26 Jl '61.

MENTAL DEFICIENCY

Toxoplasmosis of the brain (chronic toxoplasmic encephalitis and its sequelae) [with summary in French]. V. K. Beleiskii. Zhur. nevr. i psikh. 61 no. 5:733-738 '61.

MENTAL DEPRESSION see Depression, Mental

MENTAL HYGIENE

Shakhbazian, G. Kh., and I. M. Trakhtenberg. [Hygiene of mental labor] Gigiena umstvennogo truda. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 70 p. (Nauchno-populiarnaia meditsinskaia literatura)

MENTAL ILLNESS

Andreev, A. L., ed. [Problems in the clinical aspects and treatment of mental illness] Voprosy klinik i terapii psikhicheskikh zabolevanii. Moskva, 1960. 578 p. (DNLM)

Basic problems of the "epidemiology" of mental disorders. T. I. Gol'dovskaia. Zhur. nevr. i psikh. 61 no. 3:457-460 '61.

Clinical and morphological studies in the works of V. A. Gilliarovskii, V. A. Romasenko. Zhur. nevr. i psikh. 61 no. 5:760-762 '61.

Clinical aspects and psychopathology of tuberous sclerosis [with summary in English]. I. S. Tets. Zhur. nevr. i psikh. 61 no. 3:412-419 '61.

"Clinical aspects and treatment of mental illnesses with a prolonged course" by P. F. Malkin. Part 2. Reviewed by A. S. Chistovich. Zhur. nevr. i psikh. 61 no. 3:465-467 '61.

"Disability evaluation in nervous and mental diseases." Reviewed by D. G. Shefer. Zhur. nevr. i psikh. 61 no. 3: 483-485 '61.

"Experience of alienation. Origin and appearance of the syndrome of depersonalization" [in German] by J. E. Meyer. Reviewed by V. Radina. Zhur. nevr. i psikh. 61 no. 4:630-631 '61.

Mental disorders following surgical treatment of acquired defects of the heart [with summary in French]. V. V. Kovalev. Zhur. nevr. i psikh. 61 no. 3:420-425 '61.

Mental disorders following vaccination against smallpox [with summary in French]. Z. A. Solov'eva. Zhur. nevr. i psikh. 61 no. 3:382-386 '61.

Structure of some psychopathological syndromes and their "therapeutic sensitivity" [with summary in French] T. IA. Kliviliytskii. Zhur. nevr. i psikh. 61 no. 5: 725-732 '61.

MENTALLY ILL—CARE AND TREATMENT

Problems in the organization of psychiatric care, psychoprophylaxis, and psychotherapy in the works of V. A. Gilliarovskii. N. M. Zharikov, G. V. Morozov, V. E. Rozhnov. Zhur. nevr. i psikh. 61 no. 5 795-766 '61.

Therapeutic views of V. A. Gilliarovskii. V. E. Galenko. Zhur. nevr. i psikh. 61 no. 5 764-765 '61.

MENTALLY ILL—REHABILITATION, ETC.

"Social readaptation" of psychiatric patients in capitalistic countries. D. E. Melekhov. Zhur. nevr. i psikh. 61 no. 5:772-776 '61.

MERCAPTO COMPOUNDS

Synthesis and properties of dimercapto derivatives of alkanesulfonic acids. Part 6. 2(β, β-dimercaptoisopropylmercapto) ethane sodium sulfonate and 3(β, β'-dimercaptoisopropylmercapto)propane sodium sulfonate. N. M. Lysenko, V. E. Petrunkin. Zhur. ob. khim. 31 no. 7:2252-2256 Jl '61.

MERCHANT MARINE

Under the flag of the motherland. V. Zharkov. Starsh.-serzh. no. 4:11 Ap '61.

MERCURY

(see also subdivision under Caucasus, Northern)

Electrochemical study of the system gallium - zinc - mercury. A. T. Nizhnik, M. I. Bykova. Zhur. prikl. khim. 34 no. 7 1554-1561 Jl '61.

Secondary deposits of mercury and antimony. V. P. Fedorchuk. Izv. AN Kir. SSR. Ser. est. i takh. nauk 2 no. 9:149-154 '60.

Study of heat transfer during the flow of mercury through a round pipe in the region of low Peclet numbers. A. IA. Ushin, A. S. Sukomel, B. K. Strigin. Izv. vys. ucheb. zav., energ. 4 no. 7:70-85 Jl '61.

MERCURY—ISOTOPES

Isotopic exchange reaction between substituted benzylmercury bromides and mercuric bromide tagged with the Hg^{203} radioactive isotope. O. A. Reutov, T. A. Smolina, V. A. Kalnavin. Dokl. AN SSSR 139 no. 2: 389-392 Jl '61.

MERCURY—PHYSIOLOGICAL EFFECT

Conditioned reflex reproduction of the effect of novurit and nitroglycerin in patients with cardiac decompensation, hypertension, and coronary insufficiency [with summary in English]. J. Simonyi. Zhur. vys. nerv. deiat. 11 no. 3:425-431 My-Je '61.

MERCURY ARC RECTIFIERS

Use of a glass-nickel alloy in the anode supporting centers increases the operational reliability of ignitrons. V. E. Polosin. Elek. i tepl. tiaga 5 no. 5:21 My '61.

MERCURY-ARC RECTIFIERS—COOLING

Changing the cooling system for mercury pumps of mercury-arc rectifiers. V. G. Tishchenko. Sbor. rats. predl. vnedr. v proizv. no. 2:48-49 '61.

MERCURY BROMIDE

Isotopic exchange reaction between substituted benzylmercury bromides and mercuric bromide tagged with the Hg^{203} radioactive isotope. O. A. Reutov, T. A. Smolina, V. A. Kalnavin. Dokl. AN SSSR 139 no. 2, 389-392 Jl '61.

Study of electrophilic substitution reactions at a saturated carbon atom by use of the isotope exchange method. Report No. 1. Kinetics of the isotope exchange reaction of ethyl α-(bromomercuri)phenyl acetate with mercury bromide tagged with Hg^{203} in pyridine. O. A. Reutov, V. I. Sokolov, I. P. Beletskaia. Izv. AN SSSR Otd. khim. nauk no. 7 1213-1217 Jl '61.

Study of electrophilic substitution reactions at a saturated carbon atom by use of the isotope exchange method. Report No. 2. Kinetics of the isotope exchange reaction of ethyl α-(bromomercuri)phenyl acetate with mercury bromide tagged with Hg^{203} in water-dioxane mixture. O. A. Reutov, V. I. Sokolov, I. P. Beletskaia. Izv. AN SSSR. Otd. khim. nauk no. 7 1217-1222 Jl '61.

MERCURY INDUSTRY—BY-PRODUCTS see subdivision under Donets Basin

MERCURY ORGANIC COMPOUNDS

New method of synthesizing trichloromethyl organomercury compounds. O. A. Reutov, A. N. Lovtsova. Dokl. AN SSSR 139 no. 3,622-625 Jl '61.

MERCURY PERCHLORATE

Certain properties of lead and mercury perchlorates (II). A. M. Golub, A. A. Baran, T. I. Ibatsurina. Ukr. khim. zhur. 27 no. 1 143-147 '61.

MERCURY SALTS

Products of the addition of mercury salts to disubstituted acetylenes. A. N. Nesmeianov and others. Izv. AN SSSR. Otd. khim. nauk no. 7 1249-1252 Jl '61.

MERV—BRICK STAMPS

Green bricks with the ancient Merv stamps. M. I. Filanovich. Izv. AN Turk SSR Ser. obshchestv. nauk no. 1 39-41 '61.

MERV—CRANIOLOGY

Some preliminary data on the 12th century skulls from old Merv obtained by the South Turkmenistan Archeological Expedition. L. V. Oshanin. Izv. AN Turk SSR Ser. obshchestv. nauk no. 1 77-78 '61.

MERV—POTTERY

Notes on production methods used in manufacturing the Merv medieval pottery on which designs were impressed by a stamp. A. N. Ivanov. Izv. AN Turk SSR Ser., obshchestv. nauk no. 1 78-79 '61.

MERV—RUG INDUSTRY

On the history of rug making in Merv. V. G. Moshkova, A. S. Morozova. Izv. AN Turk SSR Ser. obshchestv. nauk no. 1 80-81 '61.

MESHCHERA—GUIDEBOOKS

Mitin, V. I., and Yu. V. Fulin. [Ryazan-Solotcha-Klepiki-Tuma; guidebook] Riazan'-Solotcha-Klepiki-Tuma; putevoditel'. [Riazan'] Riazanskoe knizhnoe izd-vo, 1960. 150 p.

MESONEPHROS see Wolffian body

MESONS

Angular distribution of μ-mesons in π-μ-decay [with summary in English]. A. O. Vaisenberg, E. D. Kolganova, Z. V. Minervina. Zhur. eksp. i teor. fiz. 41 no. 1 106-108 Jl '61.

Antiproton level shifts for large orbital angular momenta [with summary in English]. A. F. Grashin. Zhur. eksp. i teor. fiz. 40 no. 2 652-653 F '61.

Author's corrections to the article entitled "Links between the matrices of various transitions, and multiple processes." B. T. Vavilov. Zhur. eksp. i teor. fiz. 41 no. 1 307-308 Jl '61.

Commutation function of a nonlinear meson field [with summary in English]. D. Ivanenko, D. F. Kurdgelaidze. Zhur. eksp. i teor. fiz. 40 no. 4,1072-1075 Ap '61.

Complete set of experiments for determining the relations between the amplitudes for production of π^0-mesons by nucleons with various isotopic spins [with summary in English]. K. S. Marish, L. M. Soroko. Zhur. eksp. i teor. fiz. 40 no. 2:605-612 F '61.

Contact interaction of mesons in nonelastic nucleon-nucleon collisions. B. T. Vavilov. Vest. Mosk. un. Ser. 3: Fiz., astron. 16 no. 3:90-93 My-Je '61.

Cross polarization of Λ-hyperons generated by π^--mesons with a pulse of 2, 8 Bev/c on xenon nuclei. I. A. Ivanovskaia and others. Zhur. eksp. i teor. fiz. 40 no. 2:708-709 F '61.

Depolarization of μ^+-mesons and polarization of Σ^+-particles in a magnetized paramagnetic gas [with summary in English]. A. M. Perelomov. Zhur. eksp. i teor. fiz. 40 no. 5:1418-1422 My '61.

Determination of the π-meson-nucleon interaction constant from the differential cross sections of elastic pp-scattering [with summary in English]. Iu. M. Kazarinov and others. Zhur. eksp. i teor. fiz. 41 no. 1, 197-198 Jl '61.

Double dispersion relations and photoproduction of π-mesons [with summary in English]. N. F. Nelipa. Zhur. eksp. i teor. fiz. 40 no. 4:1085-1092 Ap '61.

MESONS (Continued)

Excitation of nuclei by muons in heavy mesonic atoms [with summary in English] V M Novikov. Zhur eksp i teor fiz 41 no 1 276-280 Jl '61

Generation of $Y^0(\Lambda, \Sigma^*)$-hyperons and k^0-mesons on light nuclei by π^--means having a pulse energy of 2 8 Bev/c [with summary in English] IA. IA Shalamov, V A. Shebanov, A F Grashin. Zhur eksp i teor fiz 10 no 5 1302-1312 My '61

Interaction of π^--mesons in the Fermi statistical theory [with summary in English] V S Barashenkov Zhur eksp i teor fiz 40 no 5,1313-1315 My '61

Interaction of 78 mev π^+-mesons in propane [with summary in English] R G Salukvadze, D Niagu Zhur eksp i teor fiz 41 no 1 78-80 Jl '61

Investigating the paramagnetism of μ-mesonic atoms [with summary in English] L B, Egorov and others Zhur. eksp. i teor fiz 10 no 2 391-399 F '61,

$\Sigma\Sigma$ Interaction and the cross-sectional ratio of the reactions $\Sigma N \rightarrow \Sigma^2 N$ at an energy of 200 Mev IU A Batusov and others Zhur eksp i teor fiz 40 no 5, 1528-1530 My '61

Matrix element in the $\pi+N \rightarrow \pi+\pi+N$ reactions at low energies O I Zavialov, V. P Pavlov Dokl AN SSSR 139 no 1;79-82 Jl '61

Photoproduction of pions on pions [with summary in English], L D Solov'ev. Zhur eksp i teor fiz 10 no. 2 597-604 F '61

Presence of π^0-mesons in electromagnetic processes V N Baier, V. V Sokolov Zhur eksp i teor fiz 40 no 4 1233-1234 Ap '61

Production of charged mesons by 200 Mev π^--mesons on hydrogen [with summary in English] IU A Batusov and others Zhur eksp i teor. fiz. 40 no. 2 460-463 F '61

Role of the single-meson pole diagram in the scattering of gamma-quanta by protons [with summary in English] L. I Lapidus, Chzhou Guan-chzhao [Chou Kuang-chao] Zhur eksp. i teor. fiz 41 no 1 294-302 Jl '61

Search for anomalies in the energy dependence of the cross section of the reaction $p+p \rightarrow d+\pi^+$ in the threshold region of the formation of π^--meson pairs IU K Akimov, O V. Savchenko, L M Soroko Zhur eksp i teor fiz 40 no 5;1530-1532 My '61

Search for anomalies in the spectrum of H^3 nuclei emitted in the reaction $p+d \rightarrow H^3+\pi^+ + \pi^0$ at a proton energy of 670 Mev IU K Akimov and others Zhur eksp i teor fiz 40 no 5;1532-1535 My '61.

Search for near-threshold anomalies in the energy dependence of the total cross section of proton interaction I M Vasilevskii, IU D Prokoshkin, V I Rykalin Zhur eksp i teor fiz 40 no 5,1524-1525 My '61

Single-meson contribution to the photoproduction of π^--mesons on protons [with summary in English] L. V. Laperashvili, S G. Matinian Zhur eksp i teor fiz 41 no 1 272-275 Jl '61

Some applications of the method of the fusion of nonlinear fields D F. Kurdgelaidze Izv vys ucheb zav , fiz no 1 3-16 '61

Space and charge parity of a proton-antiproton system and its multiple-meson annihilation [with summary in English] M. I Shirokov. Zhur eksp i teor fiz. 41 no. 1 190-196 Jl '61

Total cross sections of the interaction of K^+ and π^+-mesons having pulse energies of 4 75 and 3 7 bev/c with protons and nuclei [with summary in English]. M F Likhachev and others. Zhur eksp i teor. fiz 41 no 1 38-41 Jl '61

MESONS—CAPTURE

Asymmetry of the angular distribution of neutrons emitted in the capture of μ^--mesons in calcium V S. Evseev and others Zhur eksp i teor fiz 41 no 1 306-307

in carbon accompanied by B^{12*} _ genbera

Integral equations for $\pi\pi$-scattering and problems related to the convergence of the amplitude expansion [with summary in English] J. Fischer, S Ciulli Zhur eksp i teor fiz. 41 no 1 256-262 Jl '61

Limit values of the amplitude of $\pi^\pm$ p-scattering [with summary in English] V P. Kenaveis, I I Levintov, B V Morozov Zhur eksp. i teor fiz 41 no 1 146-153 Jl '61

$\pi + d \rightleftarrows 2N$ process according to the dressed particles method [with summary in English] M A Braun Zhur eksp i teor. fiz 40 no. 1;1179-1184 Ap '61

Phase analysis of pp-scattering at an energy level of 150 Mev [with summary in English] I. M Gel'fand, A. G Grashin, L N Ivanova Zhur eksp. i teor fiz. 40 no 5 1338-1342 My '61

Remark on $\Sigma\Lambda$-resonance A L. Liubimov. Zhur. eksp i teor fiz 40 no 5,1520-1522 My '61

Scattering of 1 - 5 bev/c μ-mesons in lead [with summary in English] S A Azimov and others Zhur eksp. i teor fiz 41 no 1 56-59 Jl '61.

METABOLISM

Effect of the functional state of the cerebral cortex on the nature of the specific dynamic action of proteins [with summary in English], T O. Dzhoieva Fiziol. zhur [Ukr] 7 no 4,520-526 Jl-Ag '61.

Substance and energy metabolism in dairy cattle depending on the composition of coarse forage in the feed ration O I Karnats'ka Visnyk sil'hosp nauky 1 no 8 81-85 Ag '61

METAL CLADDING

Steel cladding in sulfuric acid baths R. Tavrovskaia. Avt transp 39 no 6,32-34 Je '61

METAL CRYSTALS

Distribution of the elasticity constants in hexagonal polycrystals V. A. Bykov, S. D.Volkov, N A. Klinskikh. PMTF no. 4 69-72 N-D '60.

Mosaic structure of metallic polycrystals and extinction effects. Part I O N Shivrin Izv vys ucheb. zav , fiz no 1 115-123 '61

METAL CRYSTALS—GROWTH

Theory of the recrystallization of metals and alloys L N Aleksandrov Izv vys ucheb. zav , fiz no 2 77-84 '61.

METAL CUTTING

Cutting force and chip shrinkage in cutting-off a workhardened metal layer. V. I Melamed, V. I Davidiuk, A. A. Chagintseva Izv vys ucheb zav., mashinostr no 6 147-153 '61

Khokhulin, V. N. [New method for machining nonrigid shafts] Novyi metod obrabotki nezhestkikh valov. Leningrad, 1961. 8 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Mekhanicheskaia obrabotka metallov, no. 9)

Korsakov, V. S. [Precision of machining] Tochnost' mekhanicheskoi obrabotki. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 378 p.

METAL CUTTING, ELECTRIC see Electric metal cutting

METAL-CUTTING TOOLS

Cutter for finish machining A. D Titkovichev, N. I Kalinina. Mashinostroitel' no 8 37 Ag '61.

Improving metal-cutting tools I. E Burshtein, I S Chernomorskii. Mashinostroitel' no 8 40-46 Ag '61

[Small hard-alloy forming cutting tools made of plasticized blanks; abridged report of lectures delivered in the Leningrad House of Scientific Technical Propaganda at the "Manufacture of cutting tools" seminar] Tverdosplavnyi fasonnyi malogabaritnyi instrument iz plastifitsirovannykh zagotovok; sokrashchennaia stenogramma ... vladov, prochitannykh v LDNTP na seminare ...al'noe proizvodstvo." Leningrad, 1961. ...gradskii Dom nauchno-tekhnicheskoi propa... hanicheskaia obrabotka metallov)

Practice in making and using dia... Opyt izgotovleniia i primeneniia ...nia. Leningrad, Leningr. Dom ...agandy, 1961. 67 p.

...OLS—STANDARDS

...etal-cutting tools A. V. Vakeman. ... no. 8,3-7 Ag '61.

...ods used to bring out the marks ... objects of material evidence G. S. ...ia sluzh. sled. no 13;49-69 '59.

...lls in fused borates. IU. K. Delitrenko. Ukr. khim. zhur. 27 no. 4.

...n in the formation of textures on the ... N. A. Shishakov, N. K. Andrushchenzv. AN SSSR. Otd. khim. nauk no. 7

METALLIC OXIDES—ELECTRIC PROPERTIES

Electric properties of thin oxide layers on aluminum, tantalum and zirconium A. P Belova, L. G. Gorskaia, L. N. Zakgeim Fiz tver tela 3 no 6 1851-1853 Je '61.

METALLOGRAPHY

Bogatiatskii, IU. A., ed. [Radiography in metallography] Rentgenografiia v fizicheskom metallovedenii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 366 p.

[MICROFILM]

METALLURGIC CHEMISTRY see Chemistry, Metallurgic

METALLURGICAL FURNACES

Automation of the charging of shaft-type furnaces V. ... Lomakov. Mekh i avtom. proizv 15 no. 7 9-10 Jl '61

METALLURGICAL PLANTS

(see also subdivision under Bhilai, India; Rourkela)

Automatically controlled metallurgical plant K P Kostenetskii Mekh i avtom proizv. 15 no 7 1-5 Jl '61

Combined assembly of equipment and technical metal elements in building a sintering plant. IU. V. Makarov. Mont i spets. rab. v stroi. 23 no. 6;25-26 Je '61.

Competition for the best suggestion on the economy of fuel in ferrous metallurgy plants. S. I. Komarov. Prom. energ. 16 no. 5 12-14 My '61.

Draft of a general plan for an aluminum plant. I. A. Kac'ianenko. Prom. stroi. 39 no. 7;25-28 '61.

New lay-out plans for the building of a magnesium electrolysis plant. V N. Romanov Prom. stroi 39 no 50-52 '61

METALLURGICAL PLANTS—EQUIPMENT AND SUPPLIES

Gariaev, A. L. [Repairing metal parts of technical equipment in metallurgical shops] Remont metallokonstruktsii tekhnologicheskogo oborudovaniia metallurgicheskikh tsekhov. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii Sverdlovskoe otd-nie, 1961. 36 p. (Obmen peredovym opytom)

Kasatkin, N. L. [Assembling, repairing, and greasing of metallurgical equipment] Montazh remont i smazka metallurgicheskogo oborudovaniia. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 337 p.

METALLURGY

Bogatskii, D. P., and I. A. Mineeva. [Phase rule and its application in the technology of metals; lectures for students of the engineering faculty] Pravilo faz i ego primenenie v tekhnologii metallov; lektsii dlia studentov inzhenernogo fakul'teta. Moskva, Vses. sel'khoz. in-t zaochnogo obrazovaniia, 1960. 39 p.

Briukhanov, A. N., and others. [Technology of metals] Tekhnologiia metallov. Izd. 2., peror. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959. 599 p.

Report and election meetings of Councils of the ferrous metal industry's Scientific and Technical Department. Ogneupory 26 no. 6,294 '61.

METALLURGY—LABORATORY MANUALS

Chertok, B. E. [Laboratory work on the technology of metals] Laboratornye raboty po tekhnologii metallov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 181 p.

METALS

Separation of indium from zinc and their accompanying elements of extraction with alkylphosphoric acids. I S. Levin, T V Zaboloiskii. Dokl AN SSSR 139 no 1;158-160 Jl '61.

METALS—ANALYSIS

Determination of metal impurities in silicon tetrachloride and silicon dioxide by the spectrochemical method IU. M. Martynov and others. Zav. lab. 27 no 7 839-842 '61

IAkovlev, IU. V. [Quantitative determination of impurities in highly pure metals by means of radioactivation analysis] Kolichestvennoe opredelenie primesei v metallakh vysokoi chistoty metodom radioaktivatsionnogo analiza. Moskva, 1956. 16 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

IAkovlev, P. IA., A. A. Fedorov, and N. V. Bulanov. [Analysis of data on metallurgical production; determination of microimpurities] Analiz materialov metallurgicheskogo proizvodstva; opredelenie mikroprimesei. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 316 p.

METALS—COLD WORKING

Shneider, IU. G., ed. [Refining and strengthening of metals by pressure] Chistovaia obrabotka i uprochnenie metallov davleniem; bibliograficheskii ukazatel', Leningrad, 1961. 29 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Nauchno-tekhnicheskaia biblioteka)

METALS—ELECTRIC PROPERTIES

Concerning the theory of field emission and thermionic field emission of metals and semiconductors. M. I Elinson and others. Radiotekh. i elektron. 6 no. 9; 1342-1353 Ag '61.

METALS—FATIGUE

Analyzing the causes of damage in welded locomotive structures at low operating stresses. M. M. Kratchik, V. B. Tskipurishvili. Vest. TsNII MPS 20 no. 1:28-31 '61.

Particular characters of the structure of the fatigue fractures of specimens and elements of heat resistant alloys. T. A. Gordeeva, T. A. Volodina, A. M. Zaitsev. Zav. lab. 27 no. 7:891-899 '61.

Setup for studying fatigue in metals by means of pulse loads. A. S. Denisov, A. G. Akhontov. Izv. AN Kir. SSR Ser. est. i tekh. nauk 3 no. 1:141-145 '61.

METALS—FINISHING

Chestnov, A. L. [Problems of metal finishing] Voprosy otdelochnoi obrabotki metallov. Moskva, Izd-vo Akad. nauk SSSR, 1961. 110 p.

Dilatkovskii, IA. M., and I. V. Finger. [Cleaning parts with metal grit] Ochistka detalei metallicheskim peskom. Leningrad, 1961. 13 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia Liteinoe proizvodstvo, no. 5)

Kinematics of rotary burnishing. N. A. Karasev, N. M. Denshchik. Dokl. TSKhA no. 55:47-60 '60.

Rotary burnishing with superimposed additional-stress fields. N. A. Karasev. Dokl. TSKhA no. 55:33-45 '60.

Tiurlakov, V. G. [Finishing press working of cylindrical holes and planes; practices of the Tzhorsk Plant] Chistovaia obrabotka davleniem tsilindricheskikh otverstii i ploskostei, opyt Izhorskogo zavoda. Leningrad, 1961. 10 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia Mekhanicheskaia obrabotka metallov, no. 10)

METALS—HARDENING

Leningradskii dom nauchno-tekhnicheskoi propagandy. [Portable electric spark systems; work of the Research Branch of the State Planning Institute of the Ministry of Transportation Machinery Manufacture] Perenosnye elektroiskrovye ustanovki, opyt raboty NIP GPI MTrM. Leningrad, 1952. 11 p. (Informatsionno-tekhnicheskii listok, no. 23(364))

Nauchno-tekhnicheskaia konferentsiia po voprosam razvitiia proizvoditel'nykh sil Kievskogo ekonomicheskogo raiona. [Hot working of metals; transactions of the Scientific-Technical Conference on the Development of the Production Forces of the Kiev Economic Region] Gortachaia obrabotka metallov; trudy. Kiev, Izd-vo Akad. nauk USSR.
No. 2. 1960. 142 p.

METALS—HEAT TREATMENT

Increasing the volume of an oil bath. S. I. Chuvatina. Skor. rats. predl. vnedr. v proizv. no. 2:47 '61.

METALS—HYDROGEN CONTENT

Ivanova, T. F., M. E. Trentovius, and V. V. Fedorov. [Industrial apparatus for the determination of hydrogen in metals by the spectral-isotopic method] Zavodskoi variant ustanovki dlia opredeleniia vodoroda v metallakh spektral'no-izotopnym metodom. Leningrad, 1961. 18 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Kontrol' kachestva produktsii, no. 2)

METALS—SPECTRA

Determination of metal impurities in lubricating oils. V. A. Zhukaeva, A. S. Nikonova, N. V. Bukina. Zav. lab. 27 no. 7:855 '61.

METALS—TESTING

Application of electronic computers in calculating radiation disturbances in metals. A. Orlov. Atom. energ. 11 no. 1:84-87 Jl '61.

Let us look inside metals. N. S. Posysaev. Mashinostroitel' no. 7:44-46 '61.

Physicochemical effect of liquid media on the wear of steel and of solid alloys in their friction against rocks. L. A. Shreiner, K. M. Sadilenko. Dokl. AN SSSR 139 no. 2:427-429 Jl '61.

METALS—THERMAL PROPERTIES

Isotherms or lines of equal overheating? N. G. Girshovich, Iu. A. Nekhendzi. Izv. AN SSSR Otd. tekh. nauk. Met. i topl., no. 3:110-142 My-Je '61.

METALS, EFFECT OF RADIATION ON

Hardening of molybdenum as a result of neutron irradiation. Sh. Sh. Ibragimov, A. N. Vorob'ev. Atom. energ. 11 no. 1:65-66 Jl '61.

METALS, EFFECT OF TEMPERATURE ON

Dependence of magnetic viscosity on the thermal treatment of materials. A. N. Remizov, O. P. Birtukov. Izv. vys. ucheb. zav., fiz. no. 2:171-172 '61.

Effect of pulse heating on the electric conductivity and fine structure of deformed copper. A. S. Denisov, A. G. Akhontov. Izv. AN Kir. SSR Ser. est. i tekh. nauk 3 no. 1:35-40 '61.

Method of determining the tensile strength of a metal at elevated temperatures. G. S. Kovrev, P. G. Kirillov. Zav. lab. 27 no. 8:1018-1021 '61.

Resistance to plastic deformation of titanium-zirconium solid solutions, at various temperatures. V. V. Glazova, N. N. Kurnakov. Izv. AN SSSR Otd. tekh. nauk. Met. i topl. no. 3:67-72 My-Je '61.

Temperature effect on the creep strength of metals with body-centered cubic lattices. N. N. Davidenkov, B. I. Smirnov, V. D. Akroshevich. Fiz. tver. tela 3 no. 6:1731-1734 Je '61.

METALS, FREE ELECTRON THEORY OF see Free electron theory of metals

METALS, RARE AND MINOR

(see also subdivision under Dnieper Valley)

Akademiia nauk SSSR. Institut geokhimii i analiticheskoi khimii. [Methods for the determination and analysis of rare elements] Metody opredeleniia i analiza redkikh elementov. Moskva, 1961. 667 p.

Hypothesis of the genesis of pegmatites containing mica and rare metals and their further study. V. D. Nikitin. Mat. VSEGEI, Ob ser., no. 29:65-81 '60.

METALS AT HIGH TEMPERATURES

Reaction of some oxides and carbides with infusable metals at high temperatures. G. V. Samsonov, G. A. Akinskaia, E. A. Shiller. Ogneupory 26 no. 7:335-338 '61.

METALS AT LOW TEMPERATURES

Structure of liquid alloys during severe undercooling. I. S. Miroshnichenko, I. V. Salli. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 3:130-131 My-Je '61.

Viscosity and hysteresis properties of manganese iron ferrites containing cobalt at low temperatures [with summary in English]. K. M. Bolshova, T. A. Elkina. Zhur. eksp. i teor. fiz. 40 no. 5:1299-1301 My '61.

METALWORK

(see also subdivision under Germany, East)

Appliance for manufacturing rivets. V. Bulatov. Shkola i proizv. 5 no. 7:78 Jl '61.

Veroman, V. Iu. [Ultrasonic shaping of materials] Razmernaia ul'trazvukovaia obrabotka materialov. Pod obshchei red. L. A. Popilova. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 65 p. (Bibliotechka elektrotekhnologa i ul'trazvukovika, no. 6)

METALWORKING

Helping young workers. Prom. Arm. 1 no. 7:75-77 Jl '61.

METAMORPHISM (GEOLOGY)

(see also subdivision under Achik-Tash region; Tuva Autonomous Province, Verkhoyansk region)

Effect of the depth of subsidence on metamorphism. A. V. Tret'iakov. Trudy SNIIGGIMS no. 9:67-75 '60.

Polymetamorphism of Pre-Cambrian crystalline schists in central Kazakstan. I. F. Trusova. Izv. vys. ucheb. zav.; geol. i razv. 4 no. 1:3-19 Ja '61.

METEORITES see subdivision under Podkamennaya Tunguska Valley

METEOROLOGICAL INSTRUMENTS

The A-10 airplane meteorography and the results of its testing. S. I. Nepomniashchii. Trudy NIIGMP no. 9:47-59 '60.

Automatic apparatus for measuring and recording the coefficient of exchange and turbulent heat and humidity flows. Iu. L. Rozenshtok. Meteor. i gidrol. no. 8:52-55 Ag '61.

Theory and errors of visibility meters with superposed images of the object and the sky. I. A. Savikovskii. Trudy NIIGMP no. 9:17-33 '60.

METEOROLOGICAL INSTRUMENTS—TESTING

Investigating the precision of measuring meteorological visibility range with the PIV-7 instrument. I. A. Savikovskii. Trudy NIIGMP no. 9:34-46 '60.

METEOROLOGY

Geopotential field in the stratosphere. Kh. P. Pogosian. Meteor. i gidrol. no. 8:11-19 Ag '61.

METEOROLOGY—BIBLIOGRAPHY see Bibliography—Meteorology

METEOROLOGY—OBSERVATIONS see subdivision under Antarctic regions, Arctic Ocean

METEOROLOGY, AGRICULTURAL

Duration of the period from seeding till sprouting of cotton as related to the air temperature and soil moisture in the Uzbek S. S. R. I. G. Sabinina. Meteor. i gidrol. no. 8:35-38 Ag '61.

Shipchinskii, A. V. [What an agricultural worker should know about weather and climate] Chto sleduet znat' o pogode i klimate rabotniku sel'skogo khoziaistva. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1960. 87 p.

METEOROLOGY, MARITIME

Method of calculating fractional distribution of particles in a marine aerosol stream. L. I. Beliaev. Trudy MGI 19:42-56 '60.

State of the hydrometeorological service in providing ships of the maritime transport and fishery fleets with weather information at sea. B. A. Filippov. Biul. Okean. kom. no. 6:9-13 '60.

METEORS

Observations of bright fireballs in Ryazan in 1960. V. I. Kuryshev, E. B. Gusev. Astron. tsir. no. 218:19-20 F '61.

Observations of fireballs in Dnepropetrovsk. V. A. Baranenko and others. Astron. tsir. no. 218:16-17 F '61.

Radar method of determining the coefficient of electron union with neutral molecules in the region of the meteor zone. E. L. Chaikho. Geomag. i aeron. 1 no. 2:209-212 Mr-Ap '61.

Radar observations of the Geminid meteor shower in 1956. A. T. Belous, A. P. Savinykhin, Iu. A. Inozemtsev. Izv. AN Turk. SSR. Ser. fiz.-tekh., khim. i geol. nauk no. 3:23-27 '61.

Radiants of meteors. M. Kalinkov, D. Raikova. Astron. tsir. no. 218:16-19 F '61.

Some properties of errors of the photographic objective field. S. Kulev, S. Khandovletov. Izv. AN Turk. SSR Ser. fiz.-tekh., khim. i geol. nauk no. 3:129-130 '61.

Two radiants of meteors. M. Kalinkov. Astron. tsir. no. 218:17-18 F '61.

METEORS—SEPTEMBER

Observation of an unknown meteor shower in Vannovskoye. IA. Bigov. Astron. tsir. no. 218:15-16 F '61.

METHACRYLAMIDE

Synthesis of N-substituted methacrylamides. Part 5. N, N'-alkylenedimethacrylamides. T. A. Sokolova, I. I. Tikhodeeva. Zhur. ob. khim. 31 no. 7:2222-2224 Jl '61.

Synthesis of N-substituted methacrylamides. Part 6. N-methyldimethacrylamide. T. A. Sokolova, G. D. Rudkovskaia. Zhur. ob. khim. 31 no. 7:2221-2226 Jl '61.

METHACRYLIC ACID

Reduction and electroreduction of organic compounds on the Pd electrode. Part 3. Reduction and electrolytic reduction of methacrylic acid [with summary in English]. I. I. Kulakova, A. V. Shashkina. Zhur. fiz. khim. 35 no. 6:1198-1207 Je '61.

METHANE

Kinetics and mechanism of methane oxidation. Part 5. Constant rate of methane oxidation [with summary in English]. L. V. Karmilova and others. Zhur. fiz. khim. 35 no. 7:1435-1442 Jl '61.

Kinetics and mechanism of methane oxidation. Part 6. Mechanism of carbon dioxide formation and the evaluation of the stationary state concentration of hydroxyl radicals in the reaction [with summary in English]. L. V. Karmilova, N. S. Enikolopian, A. B. Nalbandian. Zhur. fiz. khim. 35 no. 7:1458-1464 Jl '61.

METHANE—SPECTRA

Absorption spectra of diphenylmethane and diphenylethane derivatives containing nitro and amino groups in the different rings. V. A. Izmail'skii, V. A. Glushchenkov. Dokl. AN SSSR 139 no. 2:373-376 Jl '61.

METHANOBACTERIUM

Effect of methane producing bacteria on the intensification of electrochemical corrosion of metal. S. I. Kuznetsov, E. S. Pantskhava. Dokl. AN SSSR 139 no. 2:478-480 Jl '61.

METHANOL

Effect of annealing temperature on formaldehyde yield in methanol oxidation on a silver catalyst [with summary in English]. P. M. Stadnik, V. P. Fentsik. Zhur. fiz. khim. 35 no. 7:1425-1429 Jl '61.

In regard to the article by S. S. Nazarova "Preparation of trimethylcarbinol from gases produced in the sulfuric acid processes of petroleum refining, and its dehydration into isobutylene." N. E. Vishnevskii, R. D. Dergacheva. Zhur. prikl. khim. 34 no. 7:1637-1638 Jl '61.

METHANOL—TOXICOLOGY

Clinical aspects and remote results of the treatment of acute poisoning with methyl alcohol. S. I. Akovlev and others. Voen.-med. zhur. no. 3:40-44 Mr '61.

METHIONINE

Infrared spectrometric determination of methionine. Ch. P. Ivanov and others. Izv. AN SSSR Otd. khim. nauk no. 7:1356 Jl '61.

A new auxotrophic strain of Bacterium coli requiring only methionine. D. F. Petrov, T. I. Grableva. Dokl. AN SSSR 139 no. 4:984-986 Ag '61.

METHIONINE—PHYSIOLOGICAL EFFECT

Influence of methionine and choline on the amount of phospholipids in the intestinal juice of dogs kept on a diet poor in lipoprotein substances [with summary in English]. U. Z. Kadyrov. Vop. pit. 20 no. 4:15-18 Jl-Ag '61.

METHYL VIOLET—TOXICOLOGY

Experimental studies on the toxicity of basic violet K (methylviolet). V. P. Lankina. Gig. i san. 26 no. 3:96-97 Mr '61.

METHYLENIMINE

Entomological evaluation of the new repellent benzimine. E. Kh. Zolotarev, Iu. I. Kuznetsova. Vest. Mosk. un., Ser. 6: Biol., pochv. 16 no. 4:38-44 Jl-Ag '61.

MEXICO—ANTIQUITIES

Traditions of an ancient art. I. Karelnikova. Ogonek 39 no. 23-24 Je '61

MEXICO—ECONOMIC ZONING

Formation of economic regions in Mexico. IA. G. Mashbits. Vop. geog. no. 53:101-113 '61

MEZEN' VALLEY—GEOLOGY, STRATIGRAPHIC

Problematic marker formations from Tartarian deposits of the Mezen' and Vashka Rivers. M. A. Plotnikov. Dokl. AN SSSR 139 no. 4:952-955 Ag '61

MICA

[see also subdivision under Korosten' region, Mama-Chuya District]

Hypothesis of the genesis of pegmatites containing mica and rare metals and their further study. V. D. Nikitin. Mat. VSEGEI, Ob. ser. no. 29:65-81 '60

MICA—SPECTRA

Spectral analysis of mica for alkali metals. V. V. Plastinin. Zav. lab. 27 no. 7:856-857 '61.

MICHURIN, IVAN VLADIMIROVICH, 1855-1935

Prezent, I. I. [I. V. Michurin and his theories] I. V. Michurin i ego uchenie. Moskva, Akad. nauk, 1961. 192 p.
(MH)

MICROBIOLOGY

Microbiology yesterday and today. S. A. Waksman. Mikrobiologiia 29 no. 2:295-304 Mr-Ap '60

Work of the division of hygiene, microbiology and epidemiology of the Academy of Medical Sciences of the U. S. S. R. (February 1960 - February 1961). L. G. Ratgauz, A. I. Danilov. Vest. AMN SSSR 16 no. 7:72-81 '61

MICROCOSM AND MACROCOSM

Niels Bohr has delivered a lecture at Moscow University. A. Nezhintsev. Vest. Mosk. un. Ser. 8. Ekon., filos. 16 no. 4:95 Jl-Ag '61

The problem of contradiction in the microcosm and the methodology of "complimentarity." A. R. Pozner. Vest. Mosk. un. Ser. 8. Ekon., filos. 16 no. 4:63-72 Jl-Ag '61

MICRONESIA—FOREIGN RELATIONS—UNITED STATES

Tragedy of the Micronesia. M. Nepesov. Az. i Afr. segodnia no. 7:21-22 Jl '61

MICROCIDE

Effect of some physicochemical properties of the medium on the antibacterial properties of microcide. V. A. Shliakhova. Mikrobiol. zhur. 23 no. 2:31-37 '61

MICRO-ORGANISMS

Formations observed in the blood similar to Spirochaetae hovis caffris. I. N. Volnov, V. G. Filatov. Leb. delo 7 no. 6:45-46 Je '61

Micro-organisms in outer space. N. I. Rybakov. Nauka i zhizn' 28 no. 6:8-9 Je '61

MICRO-ORGANISMS, NITROGEN-FIXING

Significance of biological nitrogen fixation in the development of humus in soil. F. IU. Gel'tsev. Agrobiologiia no. 4:588-594 Jl-Ag '61.

MICROPHOTOMETER

Recording microphotometer built on the MF-2 instrument. V. V. Zhukov. Zav. lab. 27 no. 7:908-910 '61

MICROSEISMS

Theory of microseisms caused by tsunamis approaching the shore line at an angle. A. S. Stavrovskii. Trudy Okean. kom. 11:113-129 '61

Simplified method for preparing microscopic preparations with the help of microtome. M. A. Efimova. Uch. zap. Ped. inst. Gertz. 178:151-154 '59.

MICROWAVE SPECTROSCOPY

Study of the microwave spectrum of the C_2H_5OH molecule. L. M. Imanov, Ch. O. Kadzhar. Izv. AN Azerb. SSR Ser. fiz.-mat. i tekh. nauk 2:51-53 '61.

MICROWAVES

Calculation of the band-pass of the troposphere in long-range propagation of microwaves. A. V. Prosin. Radiotekh. i elektron. 6 no. 8:1392-1394 Ag '61

Conditions for the existence of slow waves in an isotropic wave guide. G. A. Postnov. Radiotekh. i elektron. 6 no. 8:1325-1327 Ag '61.

Distribution of impurities in the region of the welded contact on Ga As. S. N. Ivanov. Radiotekh. i elektron. 6 no. 8:1404-1405 Ag '61

Investigation of space-time correlational couplings of the microwave field level during propagation in the turbulent atmosphere. P. E. Kubasov. Radiotekh. i elektron. 6 no. 8:1228-1236 Ag '61

Parameters of H-shaped waveguides in the millimeter and centimeter range. V. M. Sedykh and others. Zhur. tekh. fiz. 31 no. 6:699-703 Je '61.

Selection of wave guide filters for shielding rooms. IU. M. Abramson. Radiotekhnika 16 no. 7:75-76 Jl '61

Some results of microwave field intensity measurements on closed routes. M. T. Turusbekov, I. A. Zhuzhimov. Izv. AN Kir. SSR. Ser. est. i tekh. nauk 3 no. 1:121-125 '61

Thermal calculation of resonant ferrite valves. M. V. Vambierskii, T. V. Sheiukhina. Radiotekhnika 16 no. 7:64-71 Jl '61

MICROWAVES—EQUIPMENT AND SUPPLIES

Electron gun with two anodes for microwave devices. IU. V. Troitskii. Radiotekh. i elektron. 6 no. 8:1402-1404 Ag '61

MIDDLE CLASSES see subdivision under Great Britain

MIGRAINE

Migraine. M. G. Gol'del'man. Fel'd. i akush. 26 no. 6:32-36 Je '61

MILAN—OPERA

Italian impressions. N. Aleksandrova. Sov. muz. 25 no. 7:133-135 Je '61.

MILIAEV, VASILII STEPANOVICH, pseud. see Vasyl'ko, Vasyl' Stepanovich, 1893-

MILITARISM see subdivision under Germany, Germany, West

MILITARY ART AND SCIENCE

Define, decide, calculate. Starsh.-serzh. no. 1:18-19 Ap '61

Does the machine direct the battle? V. Siniak. Starsh.-serzh. no. 2:27 F '61

Useful publication ("New advances in military technology for young readers" Reviewed by IU. Gusev) Voen. znan. 37 no. 8:39 Ag '61

MILITARY ART AND SCIENCE—POPULAR WORKS

For you, soldiers and sailors, new publications of the Military Publishing House. Blok. agit. [Sov. Armii] no. 20:45-3 of cover Jl '61

MILITARY BASES, AMERICAN see subdivision under Kliman

MILITARY BASES, FRENCH see subdivision under Bizerte

MILITARY BASES, GERMAN see subdivision under France

MILITARY BASES, RUSSIAN see subdivision under Germany, East

MILITARY BRIDGES

Study practices in highway maintenance. P. Fomichev, B. Simonov. Tyl i snab. Sov. Voor. Sil 21 no. 4:77-80 Ap '61

MILITARY COMMUNICATIONS see Communications, Military

MILITARY DISCIPLINE

Be skillful in combining exactingness and concern with regard to your subordinates. I. F. Khalipov. Vest. protivovozd. obor. no. 3:8-12 Mr '61.

Carry out your military duties irreproachably. Tyl i snab. Sov. Voor. Sil 21 no. 4:3-6 Ap '61

A case remembered. V. Komoneko. Starsh.-serzh. no. 2:19 F '61.

Commanders and soldiers. N. Shtykov. Komm. Vooruzh. Sil 1 no. 13:38-42 Jl '61.

Demanding and respecting. N. Smolin. Starsh.-serzh. no. 4:23 Ap '61.

A high level of military discipline is the basis of battle readiness. N. V. Petukhov. Vest. protivovozd. obor. no. 4:3-7 Ap '61.

The power of persuasion. P. Matiushin. Blok. agit. [Sov. Armii] no. 19:8-13 Jl '61.

Sergeant Larin is right. Starsh.-serzh. no. 4:22 Ap '61.

Solemn promise of a Communist Youth Leaguer. K. Nikolaenko. Blok. agit. [Sov. Armii] no. 17:37-39 Je '61.

Some facts of military life. I. Fomin. Blok. agit. [Sov. Armii] no. 19:13-16 Jl '61.

Teaching soldiers to be industrious and obedient. P. Lefukh. Komm. Vooruzh. Sil 1 no. 13:43-46 Jl '61.

Trust. A. Tarasevich. Blok. agit. [Sov. Armii] no. 18:16-18 Je '61.

Unquestioningly, precisely and on time. A. Pavlov. Voen. znan. 37 no. 8:3-4 Ag '61.

We are responsible for the maintenance of discipline. N. Petrakov. Blok. agit. [Sov. Armii] no. 17:12-16 Je '61.

We shouldn't forget the strict requirements of the Communist Youth League. V. Lukinykh. Komm. Vooruzh. Sil 1 no. 1:71-74 O '60

MILITARY EDUCATION

(see also subdivision under Orenburg)

All at once, at various latitudes. Starsh. serzh. no. 1:1 Ja '61.

Basic educational principles and their use in the education and training of Soviet soldiers. M. Gaikin. Kr. Vooruzh. Sil 1 no. 1:45-51 O '60

Chistyi, L. [Dissemination of military knowledge in the lower echelons of the All-Union Voluntary Society for Assistance to the Army, Air Force, and Navy] Propaganda voennykh znanii v pervichnoi organizatsii DOSAAF. Moskva, Izd-vo DOSAAF, 1958. 69 p. (V pomoshch' predsedateliu komiteta pervichnoi organizatsii DOSAAF)
(NNC)

Comrade sergeants! You need much knowledge. M. Katukov. Starsh.-serzh. no. 1:4-5 Ja '61

Efficiency suggestion month. G. Gorlenko. Voen. vest. no. 9:77-79 S '60.

Expand and improve research in schools of higher learning. A. A. Nabokikh. Vest. protivovozd. obor. no. 3:64-68 Mr '61

For a higher ideological standard of technical courses. A. Pilipchuk. Komm. Vooruzh. Sil 1 no. 15:73-76 Ag '61

Important condition for improving military skill. S. M. Ilinov. Vest. protivovozd. obor. no. 5:91-94 My '61

In step with the times. A. Zelenkov. Voen. vest. 40 no. 4:64-66 Ap '61.

Main thing in the co-ordination of a unit. Starsh.-serzh. no. 2:7-8 F '61

Military schools during the new academic year. Voen. vest. no. 9:2-7 S '60.

Pages of history; on the 25th anniversary of the War Academy of the General Staff. L. Sandalov. Voen. ist. zhur. 3 no. 4:51-63 Ap '61.

"Pedagogy, studies on the theory of and practice in the education and training of soviet soldiers" by A. G. Baskanov. Reviewed by N. Kolov, N. Kravchuk. Komm. Vooruzh. Sil 1 no. 16:89-92 Ag '61

Provide troops with modern training equipment. V. Chuikov. Voen. vest. no. 9:8-11 S '60.

Small pamphlet on a great experience ("Your service, soldier, is honorable" by P. Agapov, A. Berliand. Reviewed by V. Bezborodov). Starsh.-serzh. no. 4:28 Ap '61

Train soldiers to love their specialty. A. Fadeev. Tyl i snab. Sov. Voor. Sil 21 no. 4:19-22 Ap '61.

Training activeness in battle. V. M. Khalov. Voen. vest. no. 9:43-47 S '60.

Training critique. V. P. Ashkerov, B. G. Zabelok. Vest. protivovozd. obor. no. 5:13-14 My '61

Turski, Josef. [We number a million. Translated from the Polish] Nas million. Moskva, Izd-vo DOSAAF, 1959. 69 p.
(NNC)

We need a unified concept of "otlichnik." A. I. Matyl'kov. Vest. protivovozd. obor. no. 3:70-71 Mr '61.

While training and educating soldiers we should take into account their individual abilities. I. Nosyrt. Komm. Vooruzh. Sil 1 no. 13:51-55 Jl '61

MILITARY ENGINEERING

Engineering support of the attack. I. Nilov. Voen. vest. 40 no. 4:38-41 Ap '61.

Military engineer in a tactical exercise. P. Liashko. Voen. vest. 40 no. 4:85-88 Ap '61.

MILITARY ENGINEERS

Military builders work as Communists should. Blok. agit. [Sov. Armii] no. 22:30-33 Ag '61

The noble work of military builders. Blok. agit. [Sov. Armii] no. 16:25-28 Je '61

MILITARY EXPLOSIVES see Explosives, Military

MILITARY HISTORY

Activities of the Military Society in the field of military history. A. Zakrevskii. Voen. ist. zhur. 3 no. 4:107-109 Ap '61.

Historical sources must be approached critically. V. Vilinbakhov. Voen. ist. zhur. 3 no. 4:118-123 Ap '61.

MILITARY HISTORY—CONGRESSES

Conference on military history in Czechoslovakia. A. Grylev. Voen. ist. zhur. 3 no. 4:109-111 Ap '61.

MILITARY HYGIENE

Experience in the utilization in the Army of a mobile disinfection-shower installation (DDA-53). B. P. Fedotov. Voen.-med. zhur. no. 3:52-56 Mr '61.

Organization and execution of prophylactic disinfection measures in a garrison. B. IU. Brodskii. Voen.-med. zhur. no. 8:71-72 Ag '60.

Protect and improve the health of troops. V. Mikhailovskii, I. Dunaev. Tyl i snab. Sov. Voor. Sil 21 no. 4:51-55 Ap '61

Soldiers' physician. A. Zharkov. Starsh.-serzh. no. 4:38 Ap '61.

MILITARY MANEUVERS

Tactical training of rear units. S. Fefilov, IU. Pevnitser. Tyl i snab. Sov. Voor. Sil 21 no. 4:23-26 Ap '61.

MILITARY MEDICINE see Medicine, Military

MILITARY MINES see Mines, Military

MILITARY MUSEUMS

Mementoes of military glory. N. Kitaev. Sov. voin 43 no. 8 12 Ap '61

MILITARY PHOTOGRAPHY see Photography, Military

MILITARY RADAR see Radar, Military

MILITARY RADIO see Radio, Military

MILITARY RAILROADS

Guard duty which lasts for weeks A. Sakharov. Starsh. -serzh. no. 1 13 Ja '61

Method for calculating the number of cars G. Efimov, V. Kutsenko Tyl i snab. Sov. Voor. Sil 21 no. 4 81-83 Ap '61

MILITARY RECONNAISSANCE

Landing force on reconnaissance I. Chudin. Starsh. -serzh. no. 4 14 Ap '61.

Physical bases of methods of detection G. Pokrovskii Voen. znan. 37 no. 8 21-22 Ag '61

The rifle platoon as a separate reconnaissance patrol. A. Serov. Voen. vest. 10 no. 4. 53-56 Ap '61.

MILITARY ROADS

Study practices in highway maintenance P. Fomichev, B. Simonov Tyl i snab. Sov. Voor. Sil 21 no. 4 77-80 Ap '61.

MILITARY SHOOTING see Shooting, Military

MILITARY SPORTS

Friends will meet. K. Zharov. Starsh. -serzh. no. 1-25 Ja '61

When the will conquers. V. Mikhailov. Starsh. -serzh. no. 1:38 Ja '61.

MILITARY STANDARDS see Standards, Military

MILITARY SUPPLIES

Military state farms strive to carry out the decisions of the January Plenum of the Central Committee of the C. P. S. U. F. Saushin. Tyl i snab. Sov. Voor. Sil 21 no. 4 15-18 Ap '61

New field luggage. A. Bernikov Tyl i snab Sov Voor Sil 21 no. 4 65 Ap '61.

MILITARY SURGERY see Surgery, Military

MILITARY TELEGRAPH—EQUIPMENT AND SUPPLIES

Panelboard instead of a commutator A. Morozov. Starsh. -serzh no. 4:28 Ap '61.

MILITARY TRANSPORTATION see Transportation, Military

MILITARY VEHICLES see Vehicles, Military

MILK

Effect of curds, and sour and fresh milk on the secretion of chymotrypsin and sodium carbonate in pancreatic juice of dogs [with summary in English] N. P. Pintnitskii, M. N. Sel'tukova. Vop. pit. 19 no. 2:45-48 Mr-Ap '60.

Those changes of milk fat in butter production processes. G. V. Tverdokhleb Izv. vys. ucheb. zav., pishch tekh. no. 2:41-48 '60.

MILK—COMPOSITION

Comparative amino acids content of casein of milk from certain animal species [with summary in English] P. V. Kugenev, M. N. Medvedeva. Vop. pit. 19 no. 2:43-44 Mr-Ap '60.

How the feeding of cows with chemically preserved corn silage affects the quality of milk and butter. A. P. Patratii. Biul. nauch.-tekh. inform. VIZH no. 1:14-16 '58

Protein content of milk obtained from different groups of Kholmogory cows [with summary in German]. T. I. Bezenko. Biul. nauch. -tekh. inform. VIZH no. 2:9-15 '59.

MILK, DRIED

Influence of dried milk on assimilation of food from concentrates. R. L. Rabinovich, E. I. Koroleva. Vop. pit. 20 no. 4:71-72 Jl-Ag '61.

MILK, FERMENTED

New products and semifinished goods. V. Seleznev Tyl i snab. Sov. Voor. Sil 21 no. 4:91-92 Ap '61.

MILK, HUMAN

Aluminum in human milk [with summary in English]. L. S. Dinevich. Vop. pit. 19 no. 2:76-80 Mr-Ap '60.

Vitamin C content of human breast milk as revealed by data of the lying-in department of the Kandalaksha District of Murmansk Province [with summary in English]. Iu. A. Pogorelyi. Vop. pit. 20 no. 4:28-32 Jl-Ag '61.

MILK PLANTS—EQUIPMENT AND SUPPLIES

Baranovskii, N. V. [Pumps for milk and liquid milk products] Nasosy dlia moloka i zhidkikh molochnykh produktov. Izd. 2., perer. i dop. Moskva, Pishchepromizdat, 1959. 56 p. (DA)

MILKING MACHINES

(see also subdivision under Omsk Province)

Designing milking machines. N. N. Bellanchikov. Dokl. TSkhA no. 55, 261-266 '60.

Machine milking of cows [with summary in German] M. L. Akulinicheva. Biul. nauch.-tekh. inform. VIZH no. 2:3-8 '59

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po avtomatizatsii i mashinostroeniiu. [Machine milking. Translated from the Swedish] Mekhanizatsiia doenila. Moskva, TSentr. biuro tekhn. informatsii, 1960. 46 p. (DA)

MILLET

Effect of different grinding methods on the hydrolysis of the polysaccharides of millet husk. V. L. Starichkova Izv. vys. ucheb. zav., pishch. tekh. no. 2 23-25 '60

MILLET—VARIETIES

Developing a new variety of millet. I. M. Kurzhunov Biol. v shkole no. 3:83-84 My-Je '61.

MILLING MACHINERY

Concerning the optimum operation of ball mills V. P. Osokin. Elek. sta. 32 no. 4 14-16 Ap '61

Hardness tests for milling arbors [in Azerbaijani with summary in Russian]. N. A. Aliev, F. G. Magerramova, M. M. Musazade Izv. AN Azerb. SSR Ser. fiz.-mat. i tekh. nauk 2:55-59 '61

Operation of ShMA coal mills without framework casings. N. P. Skortsov. Energetik 9 no. 3:7 Mr '61

MILLING MACHINES

Attachment for machining anvil blocks. S. L. Polonskii Mashinostroitel' no. 8 35 Ag '61.

Bellaev, M. F. [Portable machine for machining guides of large machine tools with cutters equipped with powder-metal tips] Perenosnyi stanok dlia obrabotki napravliaiushchikh krupnykh metallorezhushchikh stankov frezami s mineralokeramicheskimi plastinkami. Leningrad, 1961. 16 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila: Mekhanicheskaia obrabotka metallov, no. 5)

Mandrel for fastening cutting tools without reamrods V. Korolev Mashinostroitel' no. 8 35 Ag '61.

Semiautomatic machine for milling key grooves. V. A. Barshtein. Mashinostroitel' no. 7, 16-17 '61

Technological parameters of cutter heads of small milling machinery units E. S. Girshovich, O. N. Trifonov. Trakt. i sel'khozmash. 31 no. 2:40-42 F '61.

MILLING MACHINES—ATTACHMENTS

Attachment for milling teeth of cylindrical pinions. N. F. Bitiutskii. Sbor. rats. predl. vnedr. v proizv. no. 2, 60 '61

Device for turning rolls on milling machines A. N. Andronov Sbor. rats. predl. vnedr. v proizv. no. 1:53-54 '61

Devices for multiple machining on rotary milling machines I. N. Petrov. Mashinostroitel' no. 8 36 Ag '61.

MILLING MACHINES—STANDARDS

Standardization at a milling-machine plant A. A. Rozhnenko. Standartizatsiia 25 no. 8 45-46 Ag '61.

MILLING MACHINES—TESTING

Levitskii, V. N., M. S. Mirkin, and N. I. Dmitrieva. [Using autocollimator and prism in determining kinematic errors of the dividing chain of slot-milling machines] Opredelenie kinematicheskikh pogreshnostei delitel'noi tsepi pazofrezernykh stankov s pomoshch'iu avtokollimatora i prizmy. Leningrad, 1961. 22 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serlia: Kontrol' kachestva produktsii, no. 4)

MIMICRY (BIOLOGY)

"The riddle of mimicry and its solution" [in German] by Franz Heikertinger. Reviewed by IU. G. Iurovitskii. Nauch. dokl. vys. shkoly; biol. nauki no. 3:193-196 '61.

MINE DRAINAGE

New water drainage system. A. G. Onoprienko, S. P. Prikhodskii. Sbor. rats. predl. vnedr. v proizv no. 2: 5-7 '61.

MINE DUSTS

Reducing air dustiness by means of water injection into the coal seam, irrigation and ventilation. A. I. Ksenofontova, A. S. Burchakov, G. E. Panov. Ugol' 36 no. 6: 52-56 Je '61.

Water injection into the seam through deep boreholes. E. I. Ontin, L. IA. Likhachev. Ugol' 36 no. 6, 56-59 Je '61.

MINE DUSTS—SAFETY MEASURES

Hood for removing dust from bunkers. D. A. Zuev, L. E. Shabash. Sbor. rats. predl. vnedr. v proizv. no. 1:7-8 '61.

MINE GASES

Determining the location of possible coal and gas outbursts. L. V. Bobrov. Ugol' Ukr. no. 6:38-39 Je '61.

Nelmark, E. A., and F. Kh. Zinger [Industrial toxicology among coal miners, its treatment and prevention] Professional'nye otravleniia rabochikh ugol'nykh shakht, ikh lechenie i profilaktika. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 114 p. (Biblioteka prakticheskogo vracha)

MINE HAULAGE

(see also subdivision under Donets Basin)

Equipment for hydraulic haulage and hoisting of coal and rock in the Donets Basin mines M. E. Zhurzha Ugol' Ukr. no. 6 12-14 Je '61.

MINE HOISTING

Device for testing parachutes. S. D. Kobynak, N. S. Frolov. Sbor. rats. predl. vnedr. v proizv. no. 2 9-10 '61.

Equipment for hydraulic haulage and hoisting of coal and rock in the Donets Basin mines M. E. Zhurzha Ugol' Ukr. no. 6 12-14 Je '61.

MINE RAILROADS

Designing underground electromotive transportation systems N. A. Malevich Ugol' 36 no. 6 33-36 Je '61

Experience of using air locomotives in the "IUnyi Kommunar" Mine. A. V. Luganskii. Ugol' 36 no. 6 37 Je '61

New portable switches for mine railroad tracks. I. S. Tugaev. Ugol' 36 no. 6 38 Je '61.

MINE SURVEYING

Mine surveying in workings with a weak roof and heaving bottom L. V. Totskii, A. M. Marchenko Ugol' Ukr. no. 6 27-28 Je '61

MINE SWEEPERS

At the briefing the chief petty officer was bored for no good reason N. Belous Starsh. -serzh. no. 1:16-17 Ja '61

MINE TIMBERING

(see also subdivision under Donets Basin; Lugansk Province)

Kovachevich, L. M., and others. [Rod bolting in the coal industry] Ankernaia krep' v ugol'noi promyshlennosti. [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1960. 185 p.

MINE VALUATION

Effect of the factor of efficiency of capital investments in determining the productivity of the mine P. Z. Zviagin. Ugol' 36 no. 6 39-44 Je '61.

MINE VENTILATION

(see also subdivision under Lvov-Volyn' Basin)

High-speed raise advance with the use of sprinklers in ventilation. B. I. Maksak. Sbor. rats. predl. vnedr. v proizv no. 1 4-5 '61

It is possible to work with gasmen. N. Elizarov. Sov. shakht. 10 no. 3:34 Mr '61.

Kulikov, G. S. [Reference book on ventilation; for lower technical specialists in mines] Spravochnik po ventiliatsii; dlia mladshego tekhnicheskogo nadzora shakht i rudnikov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 239 p.

Response to A. G. Bychkov and I. L. Lokshin's article "Ways of improving mine ventilation systems with centrifugal fans." G. A. Babak, V. V. Pak Ugol' 36 no. 6 60 Je '61.

MINE WATER

Results of observations of inflows in vertical workings. B. H. Malovanyi. Geol. zhur. 21 no. 3 71-76 '61.

MINERAL AGGREGATES see Aggregates (Building materials)

MINERAL WATERS see subdivision under Caucasus; Istisu; Kunashir Island, Sikhote-Alin' Range, Stavropol Territory; Ust'-Kachka

MINERAL'NYYE VODY—AIRPORTS—MANAGEMENT

Supporters and opponents of the DUN (day-morning-night) system. A. Kolesnikov. Grazhd. av. 18 no. 6:14 Je '61.

MINERALOGICAL CHEMISTRY

Some geological facts about the composition of the atmosphere in the Proterozoic of Karelia V. M. Chernov Trudy Kar. fil. AN SSSR no. 26 76-80 '61.

MINERALOGICAL MUSEUMS see subdivision under Moscow

MINERALOGY see subdivision under Kirghizistan; Ukraine

MINERALOGY, DETERMINATIVE

(see also subdivision under Baikal Lake region; West Siberian Plain)

Methods of quantitative determination of minerals in coarse-grained rocks. G. V. Ivanov. Zap. Vost.-Sib. otd. Vses. min. ob-va no. 1:104-106 '59.

MINERALS

(see also subdivision under Siberian Platform; Turgay region; Ural Mountain region)

Mineral from pegmatites of the columbite-tantalite group. B. A. Makarochkin. Zap. Vost.-Sib. otd. Vses. min. ob-va no. 1:129-130 '59.

MINERALS—ANALYSIS

Introduction. Trudy IGEM no. 64, Metod khim anal. min. no 1 3-4 '61

Methods of chemical analysis of molybdenum - tungsten minerals V M Senderova Trudy IGEM no 64 Metod khim anal min no 1 70-77 '61

Methods of chemical analysis of some sulfide minerals IU S Nesterova Trudy IGEM no 64 Metod khim anal min no.1 5-69 '61

MINERALS IN FOOD

New method for determining the copper content of food products [with summary in English] V S Gruner, L A. Evmenova Vop pit 20 no 4 66-69 Jl-Ag '61

Using partly defluorinated phosphates for supplementary mineral feeding A. M. Venedictov Biul. nauch. -tekh. inform VIZH no 1,25-30 '58

MINERALS IN THE BODY

Determination of small quantities of wolfram in the blood and urine. Kh.IA Vengerskaia. Lab.delo 7 no.6 19-21 Je '61.

MINERS see subdivision under Japan

MINERS—DISEASES AND HYGIENE see subdivision under Berezovskiy (Sverdlovsk Province)

MINES, MILITARY

Army engineers lay mines this way A. Agievich Blok. git [Sov. Armii] no 16 33-36 Je '61

Training mines explode N Karasev Starsh -serzh. no 1 35 Ja '61

MINES, SUBMARINE

"Weapons for underwater assault" by V. P. Beloshchitskii, IU. M Vaginskii Reviewed by V. Romanovskii Starsh -serzh no 4 40 Ap '61

MINES AND MINERAL RESOURCES

(see also subdivision under Ukraine)

Vakhromeev, S. A. [Mineral resources, their classification and formation] Mestorozhdeniia poleznykh iskopaemykh, ikh klassifikatsiia i usloviia obrazovaniia. Pod red. E. E. Zakharova i F. I. Vol'vsona. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1961. 462 p.

MINGECHAUR RESERVOIR—FISHERIES

Mingechaur Reservoir IU A Abdurakhmanov Izv VNIORKH 50 183-196 '61.

MINIATURE ELECTRONIC EQUIPMENT

In the world of microelectronics. Michel Rouze. Vzashch. mira no. 8:90-96 Ag '60.

Problem of microminiaturization. IA Sorin. Prof. -tekh. obr 18 no 7:20-21 Jl '61

MINING ENGINEERING

(see also subdivision under Krivoy Rog Basin)

Bring mining research and education to a new high level. N. V. Mel'nikov Ugol' 36 no 6.5-8 Je '61.

Determining the dimensions of mining areas in relation to drifts maintenance in the zone of influence of stoping A L Maiets Ugol' Ukr no 6 9-10 Je '61.

Device for lowering pipes into shafts. A. Kh. Dragenberg, L M Chernyi Sbor rats predl vnedr v proizv no 2, 10 '61.

Drawing rock pillars in deepening mine shafts I. A. Bashtovoi and others Sbor rats. predl. vnedr. v proizv no 1 5-6 '61.

Effect of filling on the rated dimensions of interchamber pillars M. I Agoshkov, A. L Trebukov. Izv. AN SSSR Otd. tekh. nauk Met. topl no 3,96-103 My-Je '61

Ergaliev, A. E., and others. [Systems of working ore deposits of minor and average thickness] Sistemy razrabotki rudnykh mestorozhdenii maloi i srednei moshchnosti. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi

rocks without
di vnedr v proizv

erground workings.
Ugol' Ukr no 6,

ection area and
ıgs. N. F. Chukhon-
l.

t mining. Sbor. rats.
ıl

'HY see Bibliog-

ASURES
ı deep boreholes.
36 no 6:56-59 Je

TEACHING

onal education.
7:7-9 Jl '61.

plants. I. I. Mokin.
'61.

MINING INDUSTRY AND FINANCE

Improving working capital planning in coal mining. A P. Gritsai Ugol' Ukr no 6 31-36 Je '61

MINING MACHINERY

(see also subdivision under Karaganda)

Metal chute with a drum feeder and pneumatic drive. N N Patlan', L E. Shabash, P I Fedorov Sbor. rats predl vnedr v proizv. no 2 8-9 '61

MINING RESEARCH

Bring mining research and education to a new high level. N. V Mel'nikov. Ugol' 36 no 6.5-8 Je '61

MINKH, GRIGORII NIKOLAEVICH, 1836-1896

G. N. Minkh and his role in the development of microbiology, 125th anniversary of his birth S S Dinchenko Mikrobiol zhur 23 no. 2;76-79 '61

MINKS

Some characteristics of embryonic diapause in the mink (Mustela vision Shreb.) IU. B. Baevskii Dokl. AN SSSR 139 no 2;498-502 Jl '61

MINSK—AMUSEMENTS

A city in the summertime I. Varonina. Belarus' 18 no 8 14 Ag '61

MINSK—APARTMENT HOUSES

Postwar housing construction in Minsk. T. S. Stramtsova. Sbor. nauch rab Inst. bud. i arkhit. AN BSSR no. 3:152-170 '60.

MINSK—BEARING INDUSTRY

Durability of manufactured objects should be increased. V. S. Zharikov. Mashinostroitel' no 7:5-6 '61.

MINSK—CITY PLANNING

Planning principles of a model experimental microdistrict in Minsk P. A. Gromov and others Sbor. nauch rab. Inst bud i arkhit AN SSSR no 3,139-151 '60.

MINSK—CONSTRUCTION INDUSTRY

Staff of a trust in the struggle for quality Stroitel' no. 2 4-5 F '61

MINSK—EDUCATION, COOPERATIVE

In close contact with an industrial plant. M Stsiapanka, V. Khomich. Nar. asv. no 5 21-24 My '61

MINSK—INDUSTRIAL EQUIPMENT

In close contact with an industrial plant. M. Stsiapanka, V Khomich. Nar. asv. no 5 21-24 My '61.

MINSK—KINDERGARTEN

How we try to inculcate good manners in children during their games. T. Maurychava. Nar asv. no. 5 47-50 My '61.

MINSK—OLD-AGE HOMES

A house on Kaliningradskaya Street M. Dosin Belarus' 18 no 7:21 Jl '61

MINSK—PRECAST CONCRETE

Mold method is improving. Stroitel' no 2;17-18 F '61.

Water-resistant gypsum-cement concrete products. M. A Sitnikov. Transp. stroi. 11 no. 7;32-34 Jl '61

MINSK—REFRIGERATORS

The "Minsk" refrigerator M Samoilau. Belarus' 18 no. 7;15 Jl '61.

MINSK—SAWS

Testing results of the Minsk-59 electric saw P. Voinova, G Solntseva Miss ind SSSR 32 no. 2-14 '61.

MINSK—TRADE UNIONS

As the mind and heart dictate. . . I. Kashitskii. Sov. profsoiuzy 17 no. 13:17-18 Jl '61.

People with a high sense of duty. Sov. profsoiuzy 17 no no. 13;16 Jl '61.

Work is easier when one likes his job. A. Andreev. Sov. profsoiuzy 17 no. 13;16-17 Jl '61.

MINSK—WEIGHT LIFTING

Athletes of an industrial plant. Ul. Valodzin. Belarus' 18 no 7:28 Jl '61.

MINSK PROVINCE—FOREST SOILS

Mold fungi of the genus Penicillium in forest soils. T. G. Zimenko. Biul Inst biol. AN BSSR no. 5;333-337 '60.

MINUSINSK BASIN—CLAY

Characteristics of Devonian clay rocks in the southern Minusinsk Basin. N. A. Lizalek Trudy SNIIGGIMS no. 9:56-61 '60.

MINUSINSK DISTRICT—EDUCATION, PRESCHOOL

Preschool workers of Minusinsk on collective farms. M. Kostina Doshk. vosp. 34 no. 7;77-80 Jl '61.

MIOTICS

Influence of miotics on vascular permeability of the anterior chamber of the eye in rabbits under normal conditions and following exclusion of the ocular nerves. A. A. Pshenichnova. Fiziol. zhur. 46 no. 3;344-346 Mr '60.

MIREL'ZON, LEV ARIEVICH, 1890-

Lev Arievich Mirel'zonon his 70th birthday Zhur nevr i psikh. 61 no 4 635-636 '61

MIROSHNICHENKO, EVGENIIA SEMENOVNA

The four octaves of Evgeniia Miroshnichenko M Dmitrieva Tesseler Ogonek 39 no. 23 3 Je '61

MISCARRIAGE see Abortion

MISCONDUCT IN OFFICE

"The forms of misconduct in office according to Soviet criminal law" by V F Kirichenko Reviewed by A P Sakharov Sov. gos i pravo no 11;125-130 N '60

MITES

(see also subdivision under Lenkoran Lowland, Talysh Mountains)

Effect of different food rations on the variability of the mite Tyrophagus noxius A. Zachv V D Sorokina Nauch dokl vys shkoly, biol. nauki no 3;21-26 '61

Some data on the biology and individual development of Dermanyssus hirundinis (Hermann, 1804) Parasitus (Gamasoidea). O M. Butenko Nauch dokl vys shkoly biol nauki no 3 26-29 '61

MITOCHONDRIA

Radiosensitive links in the system of cellular oxidation-reduction enzymes bound with mitochondria N A Pomoshchnikova, T. S Sokolova Radiobiologiia 1 no. 2;200-205 '61

MITSKEVICH, KONSTANTIN MIKHAILOVICH, 1882-19[illegible] —MUSEUMS, RELICS, ETC.

In the museum of our famous poet L. Mirachytskii Belarus' 18 no 8,22 Ag '61

MIXING MACHINERY

(see also subdivision under Great Britain; White Russia)

Continuous-action vibration mixer K. M. Korolev Stroi. i dor. mash. 6 no. 6;30-33 Je '61.

SM NII-100 moveable soil concrete mixer. V. Z. [illegible] Stroi. i dor. mash 6 no. 7 28-29 Jl '61.

The TsNIIKhPa laboratory dough-kneading machine. N. D. Luk'ianova. Khleb. i kond. prom. 5 no. 6 14-16 Je '61.

MODELS AND MODELMAKING

The work training instructor should be skilled in the supervision of technical creativeness. A Volnukhin and others. Prof -tekh. obr 18 no. 7;24-25 Jl '61

MODELS AND MODELMAKING—STUDY AND TEACHING

Methodology of technical modelmaking A. G Dubov. Shkola i proizv 5 no 7;25-29 Jl '61

MODULATION (ELECTRONICS)

Investigation of balanced modulators in multiplex telephony based on the Hall effect S. Sukhanov I. V. Anan'ev Turk. SSR Ser. fiz. -tekh., khim i geol nauk no 3 [illegible] '61.

Plate modulation with presence of overvoltage and complex load L. P. Khmel'nitskii. Elektrosviaz' 15 no. 8;20-25 Ag '61.

Theory of pulse-type automatic systems having an amplitude-pulse modulation of the second kind Ia Z TSypkin Dokl. AN SSSR 139 no 4,831-837 Ag '61

MOESIA—HISTORY

From the history of the lower Danube limes at the end of the first century A. D. V. Velkov. Vest. drev ist no 2 69-82 '61

MOGILEV—GLUE

Use of washing machines in the glue industry D Sheremetman, E. Churazova Mias. ind. SSSR 32 no 2 44-45 '61

MOGILEV DISTRICT—AGRICULTURE

Agricultural conference in Mogilev District of Mogilev Province R. P. Shpakova. Dokl. i soob. VNIISKH no 4;118-124 '58.

MOGILEV PROVINCE—COOPERATIVE SOCIETIES—PERIODICALS

Seminar for worker and peasant correspondents. I. Shukhman. Sov. potreb. koop 5 no. 6,41 Je '61

MOGUL EMPIRE

Gulbadan, begam. [Humayun-nama; a biography of Humayun, son of Babar] Khumaiinname; zhizneopisanie Khumaiuna Padishakha, syna Zakhiriddina Babura. Tashkent, Akad. nauk Uzbekskoi SSR, 1959. 132 p. [In Uzbek and Persian]
(MH)

MOHAMMEDANISM—INFLUENCE

All-Russian scientific conference on the problem of "Survivals of the Islamic religion and ways to overcome them." N. Kuliev. Izv. AN Turk SSR Ser. obshchestv nauk no 1;83-87 '61.

MOHOLE PROJECT

Beginning of the Mohole Project. Priroda 50 no 8,82-83 Ag '61.

MOINTY—SPHENOPSIDA

Recent finds of Devonian plants in Kazakhstan. M. A. Senkevich. Mat. po ist. fauny i flory Kazakh. 3 163-168 '61.

MOISEENKO, EVSEI EVSEEVICH, 1916-

Krivenko, I. A. Evsei Evseevich Moiseenko. Leningrad, Knudozhnik RSFSR, 1960. 35 p. (MII)

MOLDAVIA—ARROWHEADS

Classification of Moldavian medieval arrowheads. G. F. Chebotarenko. Mat. z arkheol. Pivn. Prychor. no. 3 141-150 '60.

MOLDAVIA—ATTAR OF ROSES

Oil content of the red Crimean rose in relation to the color of its blossoms in Moldavia. L. M. Dranovskaia. Maslo-zhir. prom. 27 no. 7 36-37 Jl '61.

MOLDAVIA—BALLET

Kirtoka, A., and M. Manuilov. [The Moldavian State Theater of Opera and Ballet] Moldavskii gosudarstvennyi teatr opery i baleta. Kishinev, [Kartia moldoveniaske] 1960. 51 p. (Dekada moldavskogo iskusstva i literatury v Moskve) (MII)

MOLDAVIA—BANKS AND BANKING

Struggle of Moldavian State Bank departments against excessive wage fund expenditures. N. TSvetaev, S. TSap. Den. i kred. 19 no. 7 62-66 Jl '61.

MOLDAVIA—BOTANY, MEDICAL

Akademiia nauk SSSR, Moldavskii filial, Institut khimii. [Alkaloid plants of Moldavia.] Alkaloidonosnye rastenila Moldavii. Pod red. G. V. Lazur'evskogo. Kishinev, Izd-vo "Shtiintsa," 1960. 64 p.

MOLDAVIA—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Party news. Komm. Mold. 6 no. 0:108-110 Ag '61.

MOLDAVIA—ECONOMIC CONDITIONS

Diorditsa, A. F. [Soviet Moldavia in the seven-year plan] Sovetskaia Moldaviia v semiletii. Kishinev, Gos. izd-vo "Kartia moldovenaske," 1959. 52 p.

MOLDAVIA—NATURAL HISTORY

Verina, V. N. [Some features of the development of nature in Moldavia; popular-scientific outline] Nekotorye cherty razvitiia prirody Moldavii; nauchno-populiarnyi ocherk. Pod obshchei red. A. L. Oduda. Kishinev, Gos. izd-vo "Kartia moldovenaske," 1960. 110 p.

MOLDAVIA—OPERA

Kirtoka, A., and M. Manuilov. [The Moldavian State Theater of Opera and Ballet] Moldavskii gosudarstvennyi teatr opery i baleta. Kishinev, [Kartia moldovenaske] 1960. 51 p. (Dekada moldavskogo iskusstva i literatury v Moskve) (MII)

MOLDAVIA—SUGAR MANUFACTURE

Additional purification of the second carbonation juice with trisodium phosphate. G. M. Khitun. Sakh. prom. 35 no. 7 30-31 Jl '61.

MOLDING (FOUNDING)

Casting in anodized aluminum chills. E. I. Sukharev. Lit. proizv. no. 8 8-9 Ag '61.

Casting of thin-walled, large-sized panel parts in green, sand and clay molds. G. F. Balandin and others. Lit. proizv. no. 8 38-39 Ag '61.

Divided removable flask molding, operation by operation. D. S. Doino. Lit. proizv. no. 8:13-15 Ag '61.

Gas reactions in the foundary mold. V. A. Chechulin, B. V. TSarevskii. Lit. proizv. no. 7:38-41 Jl '61.

Thin-walled molds. B. V. Rabinovich, B. P. Platonov, F. F. Rezinskikh. Lit. proizv. no. 7:10-14 Jl '61.

MOLDING (FOUNDING)—EQUIPMENT AND SUPPLIES

Aluminum models for making molds. K. IA. Bogoslavtsev. Sbor. rats. predl. vnedr. v proizv. no. 1:47 '61.

MOLE RATS

Trap for mole rats [with summary in English]. B. A. Golov. Zool. zhur. 40 no. 7:1110-1111 Jl '61.

MOLECULAR BEAMS

Mechanism of the growth of germanium single crystals from a molecular beam. G. A. Kurov. Fiz. tver. tela 3 no. 6:1662-1667 Je '61.

MOLECULAR DYNAMICS

Forced anisotropy. V. A. Zamkov. Vest. Mosk. un. Ser. 3: Fiz., astron. 16 no. 3:19-23 My-Je '61.

Forces and moments acting on the bodies of revolution in a free-molecule flow [with summary in English]. R. G. Barantsev, Wu TSjên-yü. Vest. LGU no. 13 79-92 '61.

Investigation of the electronic-oscillatory structure in the oxidation spectrum of magnesium. N. A. Nazimova, V. A. Sokolov. Izv. vys. ucheb. zav., fiz. no. 2:143-148 '61.

Nonequilibrium dissociation of a gaseous mixture behind a shock wave. IU. P. Lun'kin, F. D. Popov. Zhur. tekh. fiz. 31 no. 6:726-730 Je '61.

Symmetry of a molecule, fusion of a crystal and ordered state of a liquid. IA. B. Zel'dovich. Dokl. AN SSSR 139 no. 4:841-843 Ag '61.

MOLECULAR ROTATION

Determination of the optimum number of terms in the asymptotic expression for the statistical sum based on rotational energy levels of diatomic molecules [with summary in English]. B. I. Brounshtein. Zhur. fiz. khim. 35 no. 7:1556-1566 Jl '61.

Rotation of the plane of polarization of light in the case of nonconservation of parity [with summary in English]. A. M. Perelomov. Zhur. eksp. i teor. fiz. 41 no. 1:183-185 Jl '61.

MOLECULAR SPECTRUM see Spectrum, Molecular

MOLECULAR WEIGHTS

Molecular weights and polydispersity of polymers. S. IA. Frenkel'. Zhur. VKHO 6 no. 4:435-442 '61.

MOLECULES

Calculation of the spin-lattice relaxation time for radicals in molecular crystals [with summary in English]. I. V. Aleksandrov, G. M. Zhidomirov. Zhur. eksp. i teor. fiz. 41 no. 1:127-132 Jl '61.

Energy levels of really alternant systems [with summary in English]. D. A. Bochvar, I. V. Stankevich, A. L. Chistiakov. Zhur. fiz. khim. 35 no. 6:1337-1342 Je '61.

Oscillatory relaxation of diatomic molecules [with summary in English]. A. I. Osipov. Zhur. fiz. khim. 35 no. 7:1524-1528 Jl '61.

Relation between the energy of formation of a molecule from free atoms and its structure. V. M. Tatevskii, IU. G. Papulov. Zhur. fiz. khim. 34 no. 2:241-256 F '60.

Theory of molecular dissociation induced by neutrons. Part 1: Diatomic molecules [with summary in English]. IU. S. Saiasov, K. G. Ivanov. Zhur. eksp. i teor. fiz. 40 no. 2:513-523 F '61.

V. F. Nozdrev's book "Application of ultrasonics in molecular physics." Reviewed by L. G. Merkulov. Izv. vys. ucheb. zav., fiz. no. 1:176 '61.

MOLLUSKS see subdivision under Polesye

MOLLUSKS—EGGS

Ecology of reproduction and nature of egg capsules in some gastropod species of the genus Neptunea (Buccinidae) [with summary in English]. A. N. Golikov. Zool. zhur. 40 no. 7:997-1008 Jl '61.

MOLLUSKS, FOSSIL see subdivision under Trans-Ili Ala-Tau

MOLOCHNOYE, LAKE—FISHES

Fish fauna of Molochnyy Liman following its connection with the Sea of Azov. B. A. IAnkovskii. Nauch. dokl. vys. shkoly, biol. nauki no. 3:44-47 '61.

MOLOTOV see Perm

MOLYBDENITE

Relationship of molybdenite and scheelite with the feldspar-quartz stage of mineralization in some skarn-type rare metal deposits. V. I. Rekharskii. Dokl. AN SSSR 139 no. 4:963-965 Ag '61.

MOLYBDENUM

Reaction of pentavalent molybdenum with (ethylenedeiaminо) tetraacetic acid [with summary in English]. A. E. Klygin, N. S. Kolinda, D. M. Zavrazhnova. Zhur. anal. khim. 16 no. 4:442-447 Jl-Ag '61.

MOLYBDENUM—ANALYSIS

Methods of chemical analysis of molybdenum - tungsten minerals. V. M. Senderova. Trudy IGEM no. 64. Metod. khim. anal. min. no. 1:70-77 '61.

MOLYBDENUM—CORROSION

Borisenko, A. I. [Protection of molybdenum from high-temperature gas corrosion] Zashchita molibdena ot vysokotemperaturnoi gazovoi korrozii. Otvet. red. A. A. Appen. Moskva, Izd-vo Akad. nauk SSSR, 1960. 82 p.

MOLYBDENUM—ISOTOPES

Separation of substances by the alternate extraction method (isolation of Mo^{99} from a mixture of uranium fission fragments). R. I. Alekseev, O. N. Polevaia. Radiokhimiia 3 no. 4:458-465 '61.

MOLYBDENUM—METALLOGRAPHY

Electrolytic etching of molybdenum. IU. I. Demkin. Zav. lab. 27 no. 8:988-991 '61.

Preparation of molybdenum and tungsten metallographic sections. IU. S. Ezhova, S. M. Panin. Zav. lab. 27 no. 8:1044 '61.

MOLYBDENUM—THERMAL PROPERTIES

Experimental determination of molybdenum enthalpy in the 700 - 2337° temperature range. V. A. Kirillin, A. E. Sheindlin, V. IA. Chekhovskoi. Dokl. AN SSSR 139 no. 3:645-647 Jl '61.

MOLYBDENUM OXIDES

Effect of the radioactivity of molybdenum trioxide on the rate of its vaporization. I. Spitsyn, I. E. Zimakov. Dokl. AN SSSR 139 no. 3:651-657 Jl '61.

Solubility of titanium, molybdenum, and tungsten oxides in fused borax. Shen' TSin'-nan, IU. K. Delimarskii. Ukr. khim. zhur. 27 no. 4:454-457 '61.

MONASTERIES see subdivision under Italy

MONASTYREV, VLADIMIR

Happiness found in work ("Notebook with a motto" by V. Monastyrev "Falling banks" by E. Karpov. Reviewed by Aleksei Griaznov). Sov. profsoiuzy 17 no. 15 32-33 Ag '61.

MONAZITE

Rapid method of determining thorium, radium, and lead in accessory monazites. K. S. Ivanova. Radiokhimiia 3 no. 3:348-355 '61.

MONCHEGORSK—HOME AND SCHOOL

Pedagogical propaganda beyond the Arctic Circle. L. P. Berezhukova. Doshk. vosp. 34 no. 7 68-70 Jl '61.

MONEY

The Financial system and currency circulation problems. I. Slavnyi. Fin. SSSR 22 no. 7:18-24 Jl '61.

Khvalynskii, V. P. [Golden kopeck] Zolotaia kopeika. Moskva, Izd-vo "Znanie," 1961. 60 p.

"The Russian monetary system, a historical study in the field of Russian numismatics" by I. G. Spasskii. Reviewed by A. N. Zahynaiło. Mat. z arkheol. Pivn. Prychor. no. 3 276-279 '60.

Several problems of the State Bank's economic work in the field of currency circulation. L. IAgodin. Den. i kred. 19 no. 7 21-28 Jl '61.

State Bank objectives in the further consolidation of currency circulation. V. Vorob'ev. Den. i kred. 19 no. 7 3-13 Jl '61.

V. I. Lenin on the role of money in building socialism. Z. V. Atlas. Nauch. zap. MFI no. 11 254-272 '58.

MONGOLIA

From feudalism to socialism. N. Shimmel'. Nov. vrem. 19 no. 28:9-10 Jl '61.

Toward new progress. Sukhiin Dorzhpalam. Az. i Afr. segodnia no. 7:14-17 Jl '61.

MONGOLIA—ARMY

Fortieth anniversary of the people's army of the People's Republic of Mongolia. Zh. Lkhagvasuren. Sovr. Mong. 6 no. 3:3-7 Mr '61.

MONGOLIA—CHESS—TOURNAMENTS

Chess tournament of the country. Sovr. Mong. 6 no. 1: 24 Ja '61.

MONGOLIA—COMMUNIST PARTY

The party is our pilot. D. Tumar-Ochir. Sovr. Mong. 6 no. 3:1-2 Mr '61.

MONGOLIA—ECONOMIC CONDITIONS

Facts and figures. Az. i Afr. segodnia no. 7 16-17 Jl '61.

People's Mongolia expands its foreign economic relations [with English summary in insert]. M. Meshcheriakov. Vnesh. torg. 41 no. 7 19-24 '61.

People's Mongolia on the road toward socialism. E. Cheremukhina. Blok. agit. [Sov. Armii] no. 19 37-40 Jl '61.

Singing on the way. V. Krupin. Ogonek 39 no. 28:7-8 Jl '61.

There, where the sky is eternally blue. E. Ivanov. Sov. profsoiuzy 17 no. 13:34 Jl '61.

Triumph of socialist industrial relations in the Mongolian People's Republic. V. Titov. Vop. ekon. no. 7:90-95 Jl '61.

What was significant in the past year. Sh. Sandag. Sovr. Mong. 6 no. 1:2-3 Ja '61.

MONGOLIA—EDUCATION

Schools of the Mongolian People's Republic at a new stage. R. L. Baldnev. Sov. pedag. 25 no. 7:97-106 Jl '61.

MONGOLIA—EXCAVATIONS (ARCHAEOLOGY)

Archaeological research in 1960 in the Mongolian People's Republic. N. Ser-Odzhav. Sovr. Mong. 6 no. 1:20-21 Ja '61.

MONGOLIA—FOREIGN ECONOMIC RELATIONS

What was significant in the past year. Sh. Sandag. Sovr. Mong. 6 no. 1:2-3 Ja '61.

MONGOLIA—FOREIGN ECONOMIC RELATIONS—RUSSIA

Fraternal friendship is growing stronger. Vnesh. torg. 41 no. 6:16 '61.

People's Mongolia expands its foreign economic relations [with English summary in insert]. M. Meshcheriakov. Vnesh. torg. 41 no. 7 19-24 '61.

MONGOLIA—FOREIGN RELATIONS

Brief news. Sovr. Mong. 6 no. 1:24 Ja '61.

Mongolian People's Republic in the struggle for peace and friendship between peoples. P. Shagdarsuren. Mezhdunar. zhizn' 8 no. 8:25-28 Ag '61.

MONGOLIA—FOREIGN RELATIONS—CAMBODIA

New page in the relations between Mongolia and Cambodia. Sovr. Mong 6 no 1:3 Ja '61

MONGOLIA—FOREIGN RELATIONS—CUBA

Visit the Cuban Government delegation to Mongolia. Sovr Mong 6 no 1:3 Ja '61

MONGOLIA—FOREIGN RELATIONS—RUSSIA

New Soviet ambassador. Sovr Mong 6 no 1 9 Ja '61.

MONGOLIA—HEALTH RESORTS, WATERING PLACES, ETC.

Mineral springs on the territory of the Mongolian People's Republic Sh. TSeren. Sovr Mong 6 no 1:18-19 Ja '61

MONGOLIA—HISTORY

Glorious image of the great Lenin lives in the heart of every Mongolian. N TSeenzhav Sovr Mong. 6 no. 3-6-7 Mr '61

MONGOLIA—INTELLECTUAL LIFE

Our interviews. Sovr Mong. 6 no. 1:6 Ja '61.

MONGOLIA—PALEONTOLOGICAL RESEARCH

Searching for extinct animals. Sylvain Dorian. V zashch. mira no. 8 81-89 Ag '60.

MONGOLIA—POLITICS AND GOVERNMENT

Brief news. Sovr Mong. 6 no. 3-24 Mr '61

MONGOLIA—RAILROADS

Mongolian railroads on the eve of the 40th anniversary of the people's revolution M. Chimiddorzh. Zhel. dor. transp. 43 no. 7:84-90 Jl '61.

The 10th anniversary of the Ulan Bator railroad Sovr. Mong 6 no. 1.4 Ja '61

MONGOLIA—RELATIONS (GENERAL) WITH RUSSIA

Hello, Mongolia! S M. Budenyy. Kul't i zhizn' 5 no 7 20-21 '61

MONGOLIA—WOMEN—EMPLOYMENT

Women of Mongolia are active contributors to the development of socialism M. Gursed Sov Mong 6 no 3:15 Mr '61.

MONGOLIA—WOMEN AS ENGINEERS

One of many G. Ad'ia. Sov Mong. 6 no. 3:16-17 Mr '61.

MONGOLIAN ACTRESSES *see* Actresses, Mongolian

MONILIASIS

Candidomycoses as complications following treatment with antibiotics L. S. Riabtseva Med sestra 20 *no 8 50-51 Je '61*

MONNI VALLEY—VOLCANOES

Ustiev, E. K. [Anyuy volcano and problems of Quaternary volcanism in the northeastern U. S. S. R.] *Anhuiskii* vulkan i problemy chetvertichnogo vulkanizma Severo-Vostoka SSSR. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1961, 122 p.

MONOPOLIES see subdivision under Japan, United States

MONT BLANC—TUNNELS

Tunnel under Mont Blanc. Zhel. dor. transp. 43 no 6 86-89 Je '61.

MONTEYNARD, FRANCE—HYDROELECTRIC POWER

in power house of a hydroelectric-
. Bobrov Gidr. stroi 31 no. 7;

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Iakobson, P. M. [Study of feelings in children and adolescents; development of moral judgement in school children] Izuchenie chustv u detei i podrostkov, razvitie nravstvennykh otsenok u shkol'nikov. Moskva, Izd-vo Akad. pedagog. nauk RSFSR.
Pt. 2. [Psychology of feelings] Psikhologiia chuvstv. 1961. 213 p.

Important subject ("Forming moral tenets in older students" by I. Kiasnobaev. Reviewed by I. Lidina). Nar. obr. no. 8.99 Ag '61.

"Mine" and "ours." B. F Baev, V. K Kotyrlo. Doshk. vosp 34 no 6 21-26 Je '61

Training on the examples of heroism (to be concluded). Nach shkola 29 no 7-60-62 Jl '61

MORAL EDUCATION—CONGRESSES

Sixth zonal conference of the departments of education and psychology of the pedagogical institutes in Siberia and the Far East. P A. Nikitin Sov pedag 25 no 7 151-152 Jl '61

MORDOVIA—BANK EMPLOYEES—EDUCATION AND TRAINING

Study is coordinated with life. E. Zolov. Fin. SSSR 22 *no* 3:84-86 Mr '61.

MORDOVIA—BUILDING MATERIALS INDUSTRY

Ways of raising the efficiency of capital investment in the industrial base for construction. V Ageev Ekon. stroi no. 7.14-16 Jl '61.

MORDOVIA—NOBILITY

The ethnic origin of "Mordvinian princes." V. P. IAmushkin. Ist. SSSR 5 no. 4:236-237 Jl-Ag '61.

MORDOVIA—SOCIAL PROBLEMS

Why they don't struggle against loafers? T. Kapustin. *Sov. deput. trud.* no. 8:63-66 Ag '61.

MORDVINIAN A. S. S. R. see Mordovia

MORDVINIAN LANGUAGE—SYNTAX

Kolladenkov, M. N. [The structure of the simple sentence in the Mordvinian language; the sentence and its principal parts] Struktura prostogo predlozheniia v *mordovskikh* iazykakh; predlozhenie i ego glavnye chleny. Saransk, Mordovskoe knizhnoe izd-vo, 1959, 290 p
(MH)

MOROCCO—DESCRIPTION AND TRAVEL

From the cycle of stories about Morocco. IUrii Nagibin Smena 38 no 15-20-21 Ag '61

Meeting the Moroccans. N. Nefedova Az. i Afr. seg. *no 7 34-35 Jl '61.*

On Moroccan soil. IUrii Nagibin. Znamia 31 no. 8 9-46 Ag '61.

Through Morocco and Tunisia *V. S Gavriliuk Nauka i zhyttia* 11 no. 6 52-53 Je '61

MOROCCO—FRENCH NEWSPAPERS

"La Nation," a democratic newspaper of independent Morocco, 1958-1959. N. S. Lutskaia Uch *zap Inst nar* Azii 22;123-130 '60

MOROCCO—TRADE UNIONS

In the trade-union headquarters of Morocco. *N. Pakin.* Nov. vrem. 10 no. 34 16-17 Ag '61.

MORPHOLINE

Derivatives of morpholine Part 1: Interaction of morpholine with 1, 1, 1-tris-(chloromethyl)propane and with pentaerythritol trichlorohydrin S Z. Kaplan, A. S. Zventseva Zhur. ob khim. 31 *no 7:2239-2241* Jl '61

MORPHOLOGY (ANIMALS)

Club for "question boxes." IUn. nat no. 7:19-20 Jl '61.

MORTALITY see subdivision under Latvia

MORTAR—TRANSPORTATION

Unit for taking in and pumping mortar. G. I Volodarskii, *V. A Otenin, M. S Stesin.* Mekh. stroi. 18 no. 6:22-23 Je '61.

MOSCOW—ACCOUNTING

Simplifying the accounting in enterprises. N. Kurilkov. Bukh uchet 18 no. 6:33-34 Je '61.

MOSCOW—AGRICULTURAL *EXHIBITIONS*

At the Exhibition of Achievements of the Soviet National *Economy. S. Shalygin.* Tekh. v sel'khoz. 21 no. 8: 60-63 Ag '61.

In the "Grain storage and processing" pavilion of the Exhibition of the Achievements of the *Soviet National* Economy. A. Blidman. Muk.-elev. prom. 27 no 8 12-13 Ag '61.

Moscow, Vsesoiuznaia sel'skokhoziaistvennaia vystavka, 1954 [Cattle at the All-Union Agricultural Exhibition of 1954, catalog] Krupnyi rogatyi skot na Vsesoiuznoi *sel'skokhoziaistvennoi* vystavke 1954 goda, katalog. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1955. 73 p.

Participation of the Institute in the All-Union Agricultural Exhibition. Dokl. i soob. *VNIESKH* no. 4:167-169 '58.

MOSCOW—AIRPORTS

Airport terminal at Sheremet'evo. G. Il'kin, G. Krjukov, M Chesnakov. Stroi. i arkhit Mosk. 10 no. 5 34-36 *My* '61.

MOSCOW—AMATEUR ART ACTIVITIES—EXHIBITIONS

Breath of fresh air. I. Tereshkina. Sov. profsoiuzy 17 no. 15 16-17 Ag '61

MOSCOW—APARTMENT HOUSES

Look after housing in the capital Gor. khoz. Mosk 35 no 7:1-3 Jl '61.

Raising the quality of completely precast housing construction. Stroi. i arkhit Mosk 10 no. 5 3 of cover *My* '61.

MOSCOW—APARTMENT HOUSES—MAINTENANCE AND *REPAIR*

Over-all repair of houses is a component of urban renewal V. N Kutukov. Gor. khoz. Mosk 35 no 7:4-7 Jl '61.

MOSCOW—ARCHITECTURE

The architectural appearance of the capital. N. Tomskii Stroi. i arkhit. Mosk. 10 no. 5:20-30 My '61.

MOSCOW—ART INDUSTRIES

Not for the museums but for the people. A Zhukova. Ogonek 39 no. 27:16 Jl '61.

MOSCOW—AUTOMATION

Movement for the communist labor and technological *progress.* K. Petukhov. *Vop. ekon no 8:26-34* Ag '61.

MOSCOW—AUTOMOBILE INDUSTRY

In the Moscow plant of small automobiles. V. Kuz'mina. Sov. iust. no. 14 20-21 Jl '61

The next orders for "Moskvicha" are being prepared for shipment. M. Mikhailov Vnesh. torg. 41 no. 8:18-19 '61

MOSCOW—AUTOMOBILE INDUSTRY—INFORMATION SERVICES

Designers have taken up bibliography T. Vvedenskii Bibliotekar' no 7 36 Jl '61.

MOSCOW—AUTOMOBILE RACING

Winter racing at the hippodrome. R. Cheltov. Za rul 19 no. 4.14 Ap '61.

MOSCOW—BAKERS AND BAKERIES

Moscow bakeries are celebrating the 22d *Congress of the* CPSU, V. IA. Kuz'in. Khleb. i kond. prom. 5 no. 6:4-5 Je '61.

MOSCOW—BANDAGES AND BANDAGING

Leninskiy Prospect, 70. L. Godin. Sots. obesp. 22 no. 8:52-53 Ag '61.

Urgent needs of bandage production. K. Polikarpov, B. Lisitsyn Sots. obesp. 22 no 6:48-50 Je '61

MOSCOW—BEARING INDUSTRY

At the First Bearing Plant. V. Pavlov. Vnesh torg 41 no. 6:17 '61.

Murav'ev, S. P., and E. M. Bykovskii. [Links between propaganda and practical work; new forms of propaganda among the masses; experience of the Communists who work at the tool shop of the First Bearing Plant] Sviaz' agitatsii s praktikoi; novye formy agitatsii v massakh. Opyt kommunistov instrumental'nogo tsekha 1-go Gosudarstvennogo podshipnikovogo zavoda, [Moskva] Mosk. rabochii, 1961, 61 p.

MOSCOW—BEARING INDUSTRY—ACCOUNTING

Innovators of machine accounting. M. Ostpovich Bukh uchet 18 no. 6:50-59 Je '61.

Output accounting where an hourly wage system is in effect N. Gvozdev. Bukh. uchet 18 no. 6-34-36 Je '61

MOSCOW—BEARING INDUSTRY—HYGIENIC ASPECTS

"To make roses bloom and gardens grow next to concrete and steel...." G. Panfilov. Okhr truda i sots strakh. 4 no 6:14-15 Je '61.

MOSCOW—BEAUTY SHOPS—EQUIPMENT AND SUPPLIES

Beauty shop in a suitcase. Zhil.-kom. khoz. 11 no. 5:30 Je '61.

MOSCOW—BRICK HOUSES

Some problems in the assembly of apartment houses. P. Labozin. Stroi. i arkhit. Mosk. 10 no. 5:26-28 My '61.

MOSCOW—BUILDING—CONTRACTS AND SPECIFICATIONS

Providing technical documents for industrial construction objectives. Stroi. i arkhit. Mosk. 10 no 6-35 Je '61.

MOSCOW—BUILDINGS, PREFABRICATED

Quality of assembling of precast bearing elements. Stroi. i arkhit. Mosk. 10 no. 6 36 Je '61.

MOSCOW—BUZZARDS

Sporadic appearance of the honey buzzard in the parks of Moscow. N. V. Bel'skii. Ornitologiia no. 2:150-152 '59.

MOSCOW—CAPITAL
Index of effectiveness in the utilization of fixed assets S Belousovich Den i kred 19 no 7 35-41 Jl '61

MOSCOW—CHAMBER ORCHESTRA
"Virtuosi di Roma" Rudol'f Barshai. Sov.muz. 25 no 7 95-96 Jl '61.

MOSCOW—CHILDREN AS ACTORS
One of the paths to art A Gavrilov. Teatr 22 no 7:163 Jl '61.

MOSCOW—CHILDREN'S PLAYS
"Once they were boys" T Chebotarevskaia. Teatr 22 no 7 122-123 Jl '61

MOSCOW—CITY PLANNING
In place of old, dilapidated structures. V Andrcev. Stroi. i arkhit. Mosk. 10 no. 5:37-38 My '61.
In the northern district of Novyye Cheremushki. D. T. Shershneva Gor khoz Mosk 35 no 7,15-19 Jl '61
Komsomol'skiy Prospekt is a new thoroughfare in the capital E. Vulykh Stroi. i arkhit Mosk 10 no 6 17-19 Je '61.
Location of commercial establishments and public eating places. M. Vainberg. Stroi. i arkhit. Mosk. 10 no. 5 5-6 My '61.
The major urban construction objective. P. Pomazanov, B. Tobilevich. Stroi. i arkhit. Mosk. 10 no. 5 3-4 My '61.
Moscow, a city for man G Dukel'skii. Kul't. i zhizn' 5 no 7 7-11 '61.
Redesigning the densely built-up districts of Moscow A. G. Voronina Gor khoz Mosk 35 no. 6 4-6 Je '61

MOSCOW—CIVIC IMPROVEMENT
Vacant lot V Tel'pugov IUn nat no. 6 34-35 Je '61

MOSCOW—CLOCKMAKING AND WATCHMAKING
With the trademark of the 2d Moscow Watch Factory. A. Kamenskii Vnesh. torg 41 no. 6:10 '61.

MOSCOW—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
Let's promote the participation of public-spirited party members in party work P Demichev Part zhizn' no.15/16:104-112 Ag '61
"A vivifying source, experience in party work at the Vladimir Il'ich Plant" by N. Gulkin. Reviewed by T Vladimirov Part zhizn' no 15/16:157 Ag '61

MOSCOW—CONCRETE REINFORCEMENT
Completely eliminate waste. V. Ostashevskii. Na stroi. Ros. no. 6 28-30 Je '61.
Continuous mesh reinforcement of high-strength wire. N. Dardik. Na stroi. Ros. no. 6:27-28 Je '61.
Mechanizing the manufacture of reinforcement. M. Afanasenko. Na strol. Ros. no. 6:25-27 Je '61.

MOSCOW—CONSTRUCTION INDUSTRY
Make every effort to fulfill your socialist obligations. Gor. khoz Mosk 35 no 6:1-3 Je '61.
New building for the Research Institute of the Main Division for Housing and Civil Construction in the City of Moscow. Stroi. i arkhit. Mosk. 10 no. 5:3 of cover My '61.
Public review to expose potentials at enterprises and structures. Stroi. i arkhit. Mosk. 10 no. 6 30 Je '61.
Widespread precast construction M. Loktiukhov, V. Ivanov Stroitel' no. 6 3-8 Je '61.

MOSCOW—CONSTRUCTION INDUSTRY—HYGIENIC ASPECTS
Contribution of the scientific and technological society of builders to construction workers. D. Lavrov. Okhr. truda i sots. strakh. 4 no 7,41 Jl '61.

MOSCOW—CONSTRUCTION INDUSTRY—TECHNOLOGICAL INNOVATIONS
Technical progress is the basis for developing the building industry in Moscow. A. Etmekdzhian. Na stroi. Ros. no. 5:17-20 My '61.

MOSCOW—CORRESPONDENCE SCHOOLS AND COURSES
Our help to correspondence departments. P. A. Kozyrev. Sred spets. obr. 6 no. 6:35-39 Je '61.

MOSCOW—DISTRIBUTIVE EDUCATION
School children are behind the counter. V. Lamm. Sem'ia i shkola 16 no. 5:30 My '61.

MOSCOW—ELECTRIC INDUSTRY WORKERS
A Leninite from the Il'ich factory. A. Zhuravskii. Starsh.-serzh. no. 4,7 Ap '61.

MOSCOW—ELECTRIC POWER
Saving on electric power in housing. IA. V. Kislinskii. Gor. khoz. Mosk. 35 no. 7:37 Jl '61

MOSCOW—ENSEMBLES (MUSIC)
A concert presented in a factory house of culture. A. T. Sov.muz. 25 no.7:91-92 Jl '61.
I. S. T. (International Student Theater). V. Staroverov. Ogonek 39 no 28:20-22 Jl '61.
Something new from a folk orchestra. G. Aleksandrov. Sov.muz. 25 no.7:92 Jl '61.
Unusual theater. Ivan Mendzheritskii. Smena 38 no.12:20-21 Je '61

MOSCOW—ENSEMBLES (MUSIC), CUBAN
Viva, Cuba! I. Smirnova. Sov.muz. 25 no.7:92-93 Jl '61.

MOSCOW—EVENING AND CONTINUATION SCHOOLS
Courses on a particular problem A. Kudina Prof.-tekh obr. 16 no 6:32 Je '61

MOSCOW—EXHIBITIONS
Fedorov, L. V. [Television equipment at the 1960 Exhibition of the Achievements of the National Economy of the U. S. S. R.] Televizionnaia apparatura na VDNKh, ekspozitsiia 1960 g. Moskva, Gos. energ. izd-vo, 1961. 79 p. (Massovaia radiobiblioteka, no.403)
Getting acquainted with France and thoughts on France P Efimov Nov. vrem 19 no.34 12-14 Ag '61.
Great Britain in Sokolniki. Vnesh. torg 41 no 7 insert 2 1-8 Jl '61.
Great Britain - Soviet Union Kul't. i zhizn' 5 no. 7:35 '61
In the name of humanity. P. Nikitin Sov potreb koop 5 no 7 21-23 Jl '61.
New exhibits in your pavilion V Filippova IUn nat no 6 12 Je '61
On the stands of the pavilion of the Central Union of Cooperative Societies B Khlynov Sov potreb koop. 5 no 7 23-25 Jl '61.
Rewards for participants in the Exhibition of National Achievements of the U. S. S. R. Zhil.-kom khoz. 11 no 6:23 Je '61.
Some suggestions. V. Olterzhovskii Stroi i arkhit Mosk 10 no 6-26-28 Je '61.
Two exhibitions on the bank of the Moscow River. S Solov'ev. Vnesh torg 41 no. 6:30 '61
The World Exhibition will be here N. IArtsev. Ogonek 39 no 23:14 Je '61.
The world fair in Moscow. N. IArtsev. Otv. na vop. truda no 4 26-30 '61.

MOSCOW—FACTORIES—DESIGN AND CONSTRUCTION
Where the sun is rare the physician is frequent. N. Solov'ev Okhr. truda i sots. strakh. 4 no 7:27 Jl '61

MOSCOW—FACTORIES—MAINTENANCE AND REPAIR
A garden? No, it is a factory. L. Kruglov Okhr. truda i sots. strakh. 4 no. 7,29 Jl '61

MOSCOW—FLOUR MILLS
Results of using caprone sieves at the TSiurupa Grain Milling Combine. B. Krichigin. Muk.-elev. prom 27 no. 7 19 Jl '61

MOSCOW—FLUORESCENT LIGHTING
Fluorescent lighting in public buildings. IA. Bukhshtaber Stroi i arkhit Mosk 10 no 6:32-34 Je '61

MOSCOW—FOUNDING—HYGIENIC ASPECTS
Cinder. B. Zamikhovskii Okhr truda i sots. strakh. 4 no. 7,22-24 Jl '61.

MOSCOW—FURNITURE INDUSTRY
Reorganization of the outside pneumatic tube transportation between factory buildings. A. V. Motov, A. D Zabelkin. Der prom. 10 no 6:21-22 Je '61.

MOSCOW—GARDENING
Some problems in developing suburban agriculture. V. T. Suvorin. Gor. khoz. Mosk. 35 no. 7:10-12 Jl '61.

MOSCOW—GAS DISTRIBUTION
Fitting a branch into an operating gas line. M. Mashkov Zhil.-kom. khoz 11 no 6:16, 18-19 Je '61.
How properly to convert a heating stove to gas. Zhil kom. khoz. 11 no. 6:34 Je '61.

MOSCOW—GEOGRAPHICAL SOCIETIES
Report on the Moscow branch of the Geographic Society of the U. S. S. R. for 1959. Vop. geog. no. 53:176-186 '61

MOSCOW—GRINDING MACHINES
Export orders executed ahead of schedule. Vnesh. torg. 11 no. 7:36 '61.

MOSCOW—HAIRDRESSING
For you, masters of hairdressing. Zhil.-kom. khoz. 11 no. 7:3 of cover Jl '61.
Taste and skill. G. Sal'nikova. Zhil.-kom. khoz. 11 no 7,31 Jl '61.

MOSCOW—HARP
Pieces for the harp. B. Liatokhin. Sov.muz. 25 no.7:90 Jl '61.

MOSCOW—HEALTH RESORTS, WATERING PLACES, ETC.
Building the first rest area. Stroi i arkhit. Mosk. 10 no. 6:36 Je '61.

MOSCOW—HISTORY
From the history of land reclamation in the territory of Moscow. A. V. Smirnov. Gidr i mel. 13 no. 7:58-60 Jl '61.

MOSCOW—HOUSING
Work is the deputies. M. M. Bondarova. Gor. khoz. Mosk. 35 no. 7:38-40 Jl '61.

MOSCOW—HOUSING MANAGEMENT
Communists of Housing Management Office no 13. N Plevako Zhil.-kom khoz 11 no 7 7-8 Jl '61.
"Experience of house committees of the housing management offices of the city of Moscow." Reviewed by A. Novochadov Zhil.-kom. khoz. 11 no. 5 32 My '61.

MOSCOW—INDUSTRIAL ART LIBRARIES
Assistance to the reader of technical literature. Tekst. prom 21 no 4:91 Ap '61

MOSCOW—INDUSTRIAL MANAGEMENT
Mechanizing administrative work A Denisov Bukh uchet 16 no 6 9-14 Je '61

MOSCOW—INSTRUMENT INDUSTRY
Guilty without a fault. I. Komech. Sov. profsoiuzy 17 no. 13:39-40 Jl '61.

MOSCOW—INSURANCE, SOCIAL—EMPLOYEES
Criminals are punished IA Dzhubinskaia. Sots. obesp 22 no 7:20-21 Jl '61
A good man T. Grubina. Sots obesp. 22 no. 7:26-27 Jl '61
Office work is not the goal but only the means D Cheltisheheva Sots obesp 22 no 6 10-12 Je '61

MOSCOW—IRON AND STEELWORKERS
On those who are not an asset. G. Ablezin. Sov. profsoiuzy 17 no. 14:17 Jl '61.

MOSCOW—JEWELRY—EXHIBITIONS
Articles adorning the man. N Voronov. Kul't. i zhizn' 5 no 7 29 '61.

MOSCOW—KINDERGARTEN
History of a kindergarten G. K. Modina. Doshk vosp. 34 no. 6 23 Je '61

MOSCOW—KREMLIN
Ascending the top. I. Rotin. Smena 36 no 15-1-2 Ag '61.

MOSCOW—LANDSCAPE GARDENING
Letters to the editor. N. N Korotin. Gor khoz. Mosk. 35 no 6:41 Je '61.
Let's improve the planning of landscape gardening within blocks. V. S. Grokhol'skaia Gor. khoz. Mosk 35 no. 6:14-16 Je '61
New methods of organizing landscape gardening work. L. O. Mashinskii. Gor. khoz Mosk. 35 no 6 18-24 Je '61
Prospects for landscape gardening in Moscow. K. F. Kashirskii Gor. khoz. Mosk. 35 no. 6 12-14 Je '61.
Taking widespread measures toward landscaping the city. Gor. khoz Mosk 35 no. 6 24-26 Je '61.

MOSCOW—LEATHER GOODS
Purses could be manufactured in greater quantities. M. Gavrilova. Mest. prom. i khud. promys. 2 no. 6:9 Je '61.

MOSCOW—LOCAL TRANSIT
Using plastics in city transportation. G. A Malyshev. Gor. khoz Mosk 35 no. 6:32-34 Je '61.

MOSCOW—MACARONI
In a macaroni factory of the Moscow Food Combine No. 1. A. G. Kuz'mina. Khleb. i kond. prom 5 no. 7:34-35 Jl '61.
Macaroni manufacturing expenditures apportioned to the production stages. E. A. Raitsyn, I. B. Dimant. Khleb. i kond. prom. 5 no. 6:27-30 Je '61.

MOSCOW—MACHINE ACCOUNTING
Mechanizing administrative work A. Denisov. Bukh uchet 16 no. 6:9-14 Je '61

MOSCOW—MACHINE-TOOL INDUSTRY
Praiseworthy. V. Verenikov. Sov. profsoiuzy 17 no. 14:7 Jl '61.

MOSCOW—MACHINE-TOOL INDUSTRY—PRODUCTION STANDARDS
Efficient establishers of norms. I. A Savel'ev Mashinostroitel' no 6 26-28 Ag '61.

MOSCOW—MACHINE TOOLS
Only of the best quality! IA. Alipov. Vnesh. torg. 41 no. 6:18 '61.

MOSCOW—MACHINERY INDUSTRY
Factory committee and the director. IA. Sukhorukov. Sov. profsoiuzy 17 no. 14:18-19 Jl '61.

MOSCOW—MARKETS
Roofed market places are being built. Stroi. i arkhit. Mosk. 10 no. 5:18 My '61.

MOSCOW—MEAT INDUSTRY
Bonus system for hourly workers in the sausage industry. N. Matyisin and others. Mias. ind. SSSR 31 no. 4:43-46 '60.
For a high power factor. V. Pospelov. Mias. ind. SSSR 31 no. 4:30 '60.
Thirtieth anniversary of the Moscow Technological Institute of the Meat and Milk Industries. A. Leplikin. Mias. ind. SSSR 32 no. 3 7-9 '61.

MOSCOW—MEAT INDUSTRY—FINANCE

Our possibilities for increasing profit. M Basovich Fin. SSSR 22 no 7:53-56 Jl '61

MOSCOW—MEN'S CLOTHING

New features in the clothing industry B Iudakov Sov torg 34 no 6,25-27 Je '61

MOSCOW—MINERALOGICAL MUSEUMS

Bicentennial of the Mineralogical Museum of the Moscow Geological Prospecting Institute. P V Kalinin Izv vys ucheb. zav. ,geol. i razv 3 no 6 3-17 Je '60

MOSCOW—MONUMENTS

Obelisk on Peace Prospect Stroi i arkhit Mosk 10 no 5 23-25 My '61

To Karl Marx. Stroi. i arkhit. Mosk. 10 no. 5:2 My '61.

MOSCOW—MOTION-PICTURE FESTIVALS

Festival is in progress N Svetlova, E Umnov Ogonek 39 no 29 28-29 Jl '61

Professional discussion N Svetlova, E. Umnov Ogonek 39 no 30 6 Jl '61

The Second Moscow International Motion Picture Festival E Sopov Vnesh torg 41 no 6 33 '61

Talking to a generation. Sergei Gerasimov Ogonek 39 no 28:5 Jl '61

MOSCOW—MOTION PICTURES IN EDUCATION

Motion pictures in electric engineering classes. A.Vlasik. Nar.obr. no.8,52-53 Ag '61.

MOSCOW—MUNICIPAL ENGINEERING

Some problems regarding engineering equipment for the capital A. Segedinov Stroi i arkhit. Mosk 10 no 6 5-9 Je '61

Urgent tasks of building engineering and communication structures in Moscow K N Merkulov Gor khoz Mosk 35 no 6 29-31 Je '61

MOSCOW—MUNICIPAL SERVICES

For the people, with the people Zhil -kom khoz 11 no 7 5-7 Jl '61

In the executive committee of the Moscow Council. Gor. khoz Mosk 35 no 7:3 of cover Jl '61

Moscow City. Zhil -kom khoz 11 no. 7:20 Jl '61.

Potentials of the communal economy V. V. Poltakova Gor khoz Mosk 35 no. 6 35-36 Je '61.

Proletarskii District of the capitol. I. S. Gavrilin Gor khoz Mosk 35 no. 6 27-28 Je '61

MOSCOW—MUNICIPAL SERVICES—STUDY AND TEACHING

New technical school under the administration of the Executive Committee of the Moscow City Council of Workers' Deputies S Zhuravlev Gor khoz. Mosk. 35 *no 6* 11 Je '61

MOSCOW—MUNICIPAL SERVICES—TECHNOLOGICAL INNOVATIONS

In a situation of great activity. A Protopopov Zhil - kom khoz 11 no 5 24-25 My '61

Technical information council in action V. Zelentsov Zhil -kom khoz 11 no 6 28-29 Je '61.

MOSCOW—MUSIC HALLS (VARIETY THEATERS, CABARETS, ETC.)

A new location for the vaudeville theater E. Zonina *Teatr 22 no 7 162-163* Jl '61

MOSCOW—MUSIC TRADE

Stepchildren of the book trade. Z. Marinin, Sov. muz. 25 no. 7 112-113 Jl '61.

MOSCOW—NURSERIES (HORTICULTURE)

Providing landscape gardening with things to plant. N. F Anfilov. Gor. khoz Mosk 35 no. 6 17-18 Je '61.

MOSCOW—OAK

Restoring ancient oaks. V. Kopernikov. Zhil -kom. khoz. 11 no. 6 31 Je '61.

MOSCOW—OPERA

The stage-director in the operatic theater. N. Kalitin. Sov. muz. 25 no. 7 64-70 Jl '61.

MOSCOW—ORTHOPEDIC SHOES

Two letters from a customer. Sots. obesp. 22 no. 6: 50-51 Je '61.

MOSCOW—PAINTINGS, ETHIOPIAN—EXHIBITIONS

Art of hope A. Zhukova. Ogonek 39 no. 29:24 Jl '61.

MOSCOW—*PENSIONS*

2162 and ....zero. M. Sinel'nikov. Sots. obesp. 22 no. 8:15-17 Ag '61.

MOSCOW—PIONEERS (*COMMUNIST YOUTH*)

Palace of Pioneers. A. Margolin. Kul't i zhizn' 5 no 7 14-16 '61

MOSCOW—POLITICS AND GOVERNMENT

[Bulletin of the Moscow Executive Committee.] Biul. Ispol. kom. Mosk. gor. sov. nos. 11-14 Je-Jl '61.

MOSCOW—PONDS

Ponds in Moscow. K. I. Uryvaev. Gor. khoz Mosk. 35 no 7:22-24 Jl '61

MOSCOW—POSTAGE STAMPS—COLLECTORS AND COLLECTING

Club of the inquisitive E Troitskaia Bibliotekar' no 7 45-47 Jl '61

MOSCOW—POTATOES—STORAGE

Comprehensive mechanization of potato warehouses. A Kurbatov Sov torg 34 no 7 54-56 Jl '61

MOSCOW—PROSTHESIS

Karl Marx factory introduces new technology. V.Kuznetsov, P.Semidetova. Sots. obesp. 22 no. 8 50-52 Ag '61.

MOSCOW—PUPPETS AND PUPPET PLAYS

"Divine comedy" V. Shilova Teatr 22 no 7 124-126 Jl '61

MOSCOW—RAILROADS—STATIONS

Redesigning the Yaroslavl railroad station building. A Kulagin Stroi i arkhit Mosk. 10 no 6 30-31 Je '61

MOSCOW—RAZORS

Struggle for the banner. A. Trofimov. Mest. prom. i khud. promys 2 no. 6:2 Je '61.

MOSCOW—RECREATION AREAS

Organizing brief recreation outside the city. I. M. Smoliar Gor khoz. Mosk 35 no. 6 7-11 Je '61.

MOSCOW—REINFORCED CONCRETE

Manufacture of large-diameter reinforced concrete rings 1A Besser Stroitel' no 6 8 Je '61

MOSCOW—RESERVOIRS

Moscow's reservoirs and their improvement. M. S. Sokolovskii, R I Skidal'skaia, M S Khromchenko Gor khoz. Mosk 35 no 7:20-21 Jl '61

MOSCOW—RETAIL TRADE

Word from the stock workers of communist labor. A. Zabela, M Voronov Sov. torg 34 no 7 6-9 Jl '61

MOSCOW—REVOLUTION, 1917-1921

Belousov, I.A. E. [The Moscow Bolsheviks in the period of the great victories of the Soviet regime, November 1917-February 1918] Moskovskie bol'sheviki v period triumfal'nogo shestviia Sovetskoi vlasti; noiabr' 1917 g. - fevral' 1918 g. [Moskva] Izd-vo Mosk. univ , 1961. 69 p.

MOSCOW—RUBBER INDUSTRY

Semenov, E. S. [Volunteer design office] Obshchestvennoe konstruktorskoe biuro. [Moskva] Mosk. rabochii, 1961. 52 p.

MOSCOW—RUNNING

Remarks on running. V. Viktorov Ogonek 39 no. 28:31 Jl '61

MOSCOW—SAUSAGES—COSTS

Using a standardized method for calculating the production cost of sausages E. Nazorova, N Vereshchagin, L. Levina Mias. ind. SSSR 32 no. 3,44-45 '61

MOSCOW—SCHOOL SUPERVISION

Public inspectors are our support. S. L. Kheifits, E. I. Korostashevskaia. Doshk vosp. 34 no. 7 12-14 Jl '61

MOSCOW—SERVICE STATIONS

For automobile service stations. Stroi i arkhit Mosk 10 no 5:36 Je '61

MOSCOW—SEWERAGE

Basic problems in developing water-supply and sewerage systems for greater Moscow V. I. Markizov. Gor. khoz Mosk 35 no 7:7-10 Jl '61

MOSCOW—SHOE INDUSTRY—QUALITY CONTROL

Control? Yes, plus comrade's help! M. Chepeleva. Sov. profsoiuzy 17 no. 13:4-5 Jl '61.

MOSCOW—SINGERS

Foreign vocalists. Natalila Rozhdestvenskaia. Sov. muz. 25 no. 7:98-99 Jl '61.

MOSCOW—SOCIAL CONDITIONS

Memory of the heart. I. Rotin. Smena 36 no. 9:10-11 My '61.

MOSCOW—SOCIALIST COMPETITION

At the head of the group. B. Gorodetskii. Zhil. -kom. khoz 11 no. 6 3 Je '61.

Gifts of a generous heart. Smena 36 no. 12:8 Je '61.

Movement for the communist labor and technological progress. K. Petukhov. Vop. ekon no. 8:26-34 Ag '61.

MOSCOW—STREET-CLEANING MACHINERY

Modernizing the PU-9 sweeping and cleaning machine. N. T. Alenskii. Gor. khoz. Mosk. 35 no. 6:40-41 Je '61.

MOSCOW—STREETS

The garden ring' a highway without traffic lights. V. Cherepanov Stroi. i arkhit. Mosk. 10 no. 5 17-19 My '61.

MOSCOW—STREETS—MAINTENANCE AND REPAIR

Mechanizing road repair work. G. N Borodin Gor. khoz Mosk 35 no. 6 37-39 Je '61

MOSCOW—STRING QUARTET

Georgian quartet. Sov. muz. 25 no. 7:100-101 Jl '61

Swedish quartet. Sov. muz. 25 no. 7:99-100 Jl '61.

MOSCOW—SUBURBS AND ENVIRONS

Building a new satellite city. Stroi. i arkhit. Mosk. 10 no. 5, 3 of cover My '61

MOSCOW—SUGAR INDUSTRY

Rebuilding the Mantulin Sugar Refinery in Krasnopresnenskiy Sakh prom 35 no 7 3 Jl '61

MOSCOW—SUPERMARKETS

Self-service in the Moscow "Gastronom" stores. I. Perepletchik. Sov. torg 34 no 7:29-33 Jl '61

MOSCOW—SYMPHONY ORCHESTRAS

Work the new way! A. Tishchenko. Sov. muz. 25 no. 7 81-84 Jl '61.

MOSCOW—TEACHERS, TRAINING OF

Brief news. Nar. obr. no. 8:106 Ag '61.

History of a kindergarten G K Modina Doshk. vosp 34 no. 6 23 Je '61

Moscow University lends its assistance to Moscow teachers. Vest Mosk un Ser. 8 Ekon., filos 16 no 4 92 Jl-Ag '61

MOSCOW—TECHNICAL EDUCATION

How to coordinate teachers' calendar plans. I I Grigor'ev Sred spets obr 8 no 7,11-14 Jl '61.

MOSCOW—TELEVISION—TRANSMITTERS AND TRANSMISSION

New television tower. A. Polinkov. Na stroi. Ros. no. 6:3 of cover Je '61

MOSCOW—TEXTILE INDUSTRY

With the Communists of the "Trekhgornaia manufaktura" Factory. O. Sokolov, G Shitarev. Kommunist 38 no. 13:71-77 S '61

MOSCOW—TEXTILE INDUSTRY—EXHIBITIONS

Results of the exhibition of fabrics. A. Sokolov. Sov. torg. 31 no. 7:45-50 Jl '61.

MOSCOW—THEATER

Governmental and public control of Moscow theaters. N. Sapotov. Sov. deput. trud. no. 8:48-52 Ag '61.

The "Kabuki" theater is back in Moscow. I. Grigor'eva. Ogonek 39 no 27:10-11 Jl '61

On competitions. I. Mikhailova. Teatr 22 no 7,152 Jl '61

On the Moscow stage. Alex Anders Kul't i zhizn' 5 no 7:34-35 '61.

"Remove the vignette!" Bor Medvedev. Teatr 22 no. 7 77-81 Jl '61

"Third wish." V. Frolov. Teatr 22 no 7:116-118 Jl '61

MOSCOW—TRACK ATHLETICS

Brothers Znamenskii Prize. Ogonek 39 no. 26:30-31 Jl '61

Sun, rain and a deluge of records. Ogonek 39 no 30:4 6 Jl '61.

MOSCOW—TRANSPORTATION

An integrated solution for the subway and suburban railroad systems. K. Aleksander, G. Golubev. Stroi. i arkhit. Mosk. 10 no. 5 7-10 My '61.

MOSCOW—TRANSPORTATION, AUTOMOTIVE—FREIGHT

Drawing up the best plans of freight traffic flow. I. A. Lomanov. Gor. khoz. Mosk. 35 no. 7:26-29 Jl '61

MOSCOW—TUBERCULOSIS—HOSPITALS AND SANATORIUMS

At the Bittsa station near Moscow. E. Rabicheva. Zdorov'e 7 no 6:11 Je '61.

MOSCOW—TUBERCULOSIS RESEARCH

Work of the Moscow Tuberculosis Research Institute. V. S. Tokunov. Zdrav. Ros. Feder. 5 no. 7:43 Jl '61

MOSCOW—UNDERPASSES

Underpasses. Stroi. i arkhit. Mosk. 10 no. 6:35 Je '61.

MOSCOW—UNIVERSITIES AND COLLEGES

Thirtieth anniversary of the Moscow Technological Institute of the Meat and Milk Industries. A. Lepilkin Mias. ind SSSR 32 no. 3,7-9 '61

MOSCOW—VEGETABLE TRADE

New features in the vegetable trade. N. Egorov. Sov. torg. 34 no 7:57-59 Jl '61.

MOSCOW—VIBRATED CONCRETE

Further expansion of vibration rolling operations Stroi tekhnik. Mosk. 10 no 5-3 of cover My '61.

MOSCOW—WATER, UNDERGROUND

Underground streams and brooks in Moscow. K I Strakhov Gor khoz. Mosk 35 no 7,24-26 Jl '61.

MOSCOW—WATER PIPES—COLD WEATHER CONDITIONS

Laying depth of water pipes in the territory of Moscow as related to seasonal freezing of ground A M Chekotillo Mat k osn uch o merz zon zem kory no 7 132-149 '61

MOSCOW—WATER SUPPLY

We fulfill our obligations. G. Mednov Zhil -kom. khoz. 11 no 7:13 Jl '61

Work and live the Communist way. I Golikov. Zhil -kom.khoz. 11 no.5 3-4 My '61

MOSCOW—WATER SUPPLY ENGINEERING

Basic problems in developing water-supply and sewerage systems for greater Moscow. V I Markizov. Gor khoz Mosk 35 no 7 7-10 Jl '61

MOSCOW—WATER SUPPLY ENGINEERING—EQUIPMENT AND SUPPLIES

New equipment for water supply installations. G Gorin. Zhil.-kom. khoz 11 no 6 24-26 Je '61

MOSCOW—ZOOLOGICAL MUSEUMS

Types in the ornithological collection at the Zoological Museum of Moscow University. A. M. Sudilovskaia. Ornitologiia no. 2-81-88 '59.

MOSCOW IN LITERATURE AND ART

Gebel', V. A., ed. [Moscow in the works of Russian writers] Moskva v proizvedeniiakh russkikh pisatelei. [Moskva, Gos. izd-vo detskoi lit-ry, 1947] 222 p. (Shkol'naia biblioteka)
(NPV)

MOSCOW BASIN—ROCK PRESSURE

Study of rock pressure manifestations in the mines of the Moscow Basin M. N. Geleskul, B M Usan-Podgornov Ugol' 36 no.6-23-24 Je '61

MOSCOW BASIN—ROCKS, SEDIMENTARY

Origin of the red color of the Devonian and Cambrian terrigenous rocks in the northern part of the Moscow syneclise [with summary in English] L. M. Birina. Biul. MOIP, Otd. geol 36 no.2 101-109 Mr-Ap '61.

MOSCOW PROVINCE—BEAVERS

How many gulls and beavers are there in the vicinity of Moscow? Leonid Kalmykov. IUn nat. no 7 33 Jl '61.

MOSCOW PROVINCE—BUILDING MATERIALS INDUSTRY

Rural construction needs the plants near Moscow I. P. Gvozdarev. Stroi. mat. 7 no. 7 3-6 Jl '61.

MOSCOW PROVINCE—COLD STORAGE WAREHOUSES

Mechanizing the cargo handling work in a distributive cold storage warehouse N Varaksin. Sov. torg. 34 no. 6: 50-52 Je '61.

MOSCOW PROVINCE—CORRESPONDENCE SCHOOLS AND COURSES

The teacher must be educated. Z. F. Gololobova. Doshk. vosp. 34 no.6 12-13 Je '61.

MOSCOW PROVONCE—FARM PRODUCE—MARKETING

Making contracts for purchasing farm products in Moscow Province V. Sobolev. Muk -elev. prom 27 no. 7 5-6 Jl '61

MOSCOW PROVINCE—FOREST ECOLOGY

Forest types of the Serebryanoborskoye Forest Experiment Station S. A. Nikitin Trudy Lab lesoved. 2: 11-176 '61.

Station investigations of the biogeocoenosis of a composite pine forest. S A Nikitin, E. F Grebennikova. Trudy Lab, lesoved. 2;177-353 '61.

MOSCOW PROVINCE—FORESTS AND FORESTRY

Forest seed production in the Bronnitsy Working Circle. P. I. Dement'ev Les khoz. 14 no 7:74-76 Jl '61

MOSCOW PROVINCE—FREIGHT AND FREIGHTAGE

Reduce losses in freight transportation. G. Gurevich. Fin. SSSR 22 no. 7,56-57 Jl '61.

MOSCOW PROVINCE—FURNITURE INDUSTRY

From the work practices of the Moscow orgnization of the Scientific Technical Society of Paper and Woodworking Industry. S. P. Chumakov. Der. prom. 10 no 6:23 Je '61.

MOSCOW PROVINCE—GALL GNATS

New members of Nearctic gall gnat genera (Itonididae, Diptera) in the fauna of the European part of the U. S. S. R. B. M Mamaev. Dokl. AN SSSR 139 no. 1: 227-229 Jl '61.

MOSCOW PROVINCE—GAS, NATURAL—PIPELINES

Laying the Lyubertsy-Zhukovskiy gas pipeline. O N. Ozerov Stroi truboprov 6 no 5:23-24 My '61.

MOSCOW PROVINCE—GULLS

How many gulls and beavers are there in the vicinity of Moscow? Leonid Kalmykov IUn.nat no 7 33 Jl '61

MOSCOW PROVINCE—HISTORICAL GEOGRAPHY—STUDY AND TEACHING

Second methodological conference on teaching the history of local lore in the schools of Moscow Province Prep ist v shkole 16 no 4 119-120 Jl-Ag '61

MOSCOW PROVINCE—INSURANCE, SOCIAL—AUDITING AND INSPECTION

Notes of a senior inspector. P. Khromov. Sots. obesp. 22 no.8-10-13 Ag '61.

MOSCOW PROVINCE—INSURANCE, SOCIAL—CONGRESSES

Following the example of progressive workers. Sots. obesp. 22 no.8 4-5 Ag '61.

MOSCOW PROVINCE—KNIT GOODS INDUSTRY

Lenino knit goods factory. T. Alekseev. Mest. prom. i khud. promys. 2 no. 6:3 Je '61.

MOSCOW PROVINCE—LANDSCAPE ARCHITECTURE

Exchange of experience on the agenda Zhil -kom khoz. 11 no.5 25-26 My '61.

MOSCOW PROVINCE—ONCOLOGICAL SOCIETIES

Proceedings of a session of the Moscow and Moscow Province Oncological Society January 20, 1960 S G Pel'man. Vop. onk 5 no. 11-631-633 '59

MOSCOW PROVINCE—REGIONAL PLANNING

Problems of population distribution in greater Moscow G. M. Lappo. Gor. khoz. Mosk 35 no 7,13-15 Jl '61.

MOSCOW PROVINCE—SHEEP—DISEASES AND PESTS

Vitamin A deficiency in Romney-Marsh lambs during their acclimatization in Moscow Province [with summary in German]. I F. Grebenkov Biul nauch -tekh inform VIZH no. 2;90-94 '59.

MOSCOW PROVINCE—SOIL TEMPERATURE

Investigating heat currents in soils for some types of the active surface. A V Golubev, A. V Pavlov. Mat i osn uch o merz. zon zem kory no. 7:66-118 '61

MOSCOW PROVINCE—SPORTS

Porcelain and sports V. Guzikov. Smena 38 no. 12: 31-32 Je '61

MOSCOW PROVINCE—TEXTILE INDUSTRY—TECHNOLOGICAL INNOVATIONS

Awards for efficiency promoters and inventors. V. S. Zverev Tekst. prom 21 no 4-90 Ap '61.

MOSCOW REGION—OAK

Mycoflora of the oak rhizosphere [with summary in English]. T. P. Sizova, V. B. Vasin. Biul. MOIP, Otd. biol. 66 no.4-102-115 Jl-Ag '61.

MOSCOW UNIVERSITY

Penchko, N. A. [The establishment of Moscow University] Osnovanie Moskovskogo universiteta. [Moskva] Izd-vo Mosk. univ., 1952. 173 p.
(MH)

MOSHCHIL', VASYL' IUKHIMOVYCH, 1903-1961

Vasyl' IUkhymóvych Moshchil'. Sil'. bud. 11 no.6:24 Je '61.

MOSQUITOES

Method of visualizing sounds produced by mosquitoes. I. N. Ribinkin, K. S. Aleksandrov. Dokl. AN SSSR 139 no. 2;485-487 Jl '61.

MOSSES

(see also subdivision under Azerbaijan; Baikal Lake region)

Obtaining rhizoids and secondary protonema for practice lesson demonstrations. S. F. Zavialishina Uch zap Ped inst. Gerts. 178-63-68 '59.

MOTHERS

Lapin, K. K. [Word about mothers] Slovo o materi, Moskva, Gos. izd-vo polit. lit-ry, 1961. 117 p. (Iz serii o kommunisticheskoi morali. Vremia i liudi.)

MOTHS

Recent data on the biology of the pome fruits barming lappet moth [in Armenian with summary in Russian]. A. O. Arakelian, S. A. Kasumian. Izv. Upr. sel'khoz. nauki Arm. SSR 4 no 4-71-76 '61.

MOTION

Critical case of a pair of purely imaginary roots for systems involving an aftereffect S N. Shimanov. Sib. mat. zhur. 2 no. 3;467-480 My-Je '61.

Hamiltonian of averaged motion. E. L. Burshtein, L. S. Solov'ev. Dokl. AN SSSR 139 no 4:855-858 Ag '61.

Theory of plane-parallel motion in the course of theoretical mechanics L. S Frenman, P. A Savvin Izv vys uchob zav., mashinostr no 6 5-17 '61.

MOTION-PICTURE CAMERAS

Control panel of the RKS-11 camera with multiple aperture focal plane. O F Grebennikov, V P Gusev, S M Provornov Tekh kino i telev 5 no 6:18-53 Je '61

The motion-picture camera I need. A. Usachev. Sov. foto 21 no. 7,37-38 Jl '61

Quality of spools for amateur motion-picture cameras. V. A. IAzhgunovich. Tekh kino i telev. 5 no 6;75 Je '61

MOTION-PICTURE FESTIVALS see subdivision under Moscow

MOTION-PICTURE INDUSTRY

Preparing for the 22d Congress of the CPSU. Tekh. kino i telev 5 no 6-1-3 Je '61.

MOTION PICTURE INDUSTRY—EQUIPMENT AND SUPPLIES

New sound testing bench for motion picture distribution centers Tekh. kino i telev 5 no 6-67 Je '61.

MOTION-PICTURE PHOTOGRAPHY

Use of a portable motion-picture camera for making theatrical films; practices of cine-operator. S Urusevskii Tekh kino i telev 5 no 6;71-72 Je '61.

MOTION-PICTURE PHOTOGRAPHY—BIBLIOGRAPHY see Bibliography—Motion-picture photography

MOTION-PICTURE PHOTOGRAPHY—EQUIPMENT AND SUPPLIES

Use of the modified IU-16 lightmeter in motion-picture photography B. A Petrov, M. M Shcheglov Tekh. kino i telev 5 no. 6;66-70 Je '61

MOTION-PICTURE PHOTOGRAPHY—FILMS (see also subdivision under Ryazan)

Duping of black-and-white negative films. I. I. Tregubova Tekh. kino i telev. 5 no 6;18-27 Je '61.

Sensitometric testing of motion-picture films in the kinescording of television images. A. A Gol'din Tekh kino i telev 5 no 6;34-37 Je '61

MOTION-PICTURE PHOTOGRAPHY—FILMS—BIBLIOGRAPHY see Bibliography—Motion-picture photography—Films

MOTION-PICTURE PHOTOGRAPHY, HIGH SPEED

Control panel of the RKS-11 camera with multiple aperture focal plane O F Grebennikov, V P Gusev, S M Provornov Tekh kino i telev. 5 no. 6-48-53 Je '61

"Instrumentation and high-speed photography; collection of articles published by the JSMPTE in 1959 - 1960" (in English) Reviewed by V. G. Poll' Tekh. kino i telev. 5 no 6,93 Je '61.

MOTION-PICTURE PLAYS

Film about the airborne infantry. G. Zalutskii. Kryl. rod. 12 no. 4-26 Ap '61.

Isaeva, K. M. [Our contemporary on the screen] Nash sovremennik na ekrane. Moskva, Izd-vo "Znanie," Vses. ob-va po raspr. polit. i nauchn. znanii, 1961. 39 p. (Narodnyi universitet kul'tury, no. 3)

IUnakovskii, V. S. [Mastery in the writing of screenplays] Stsenarnoe masterstvo. Moskva, Iskusstvo, 1960. 255 p. (Biblioteka molodogo kinematografista)
(MH)

IUrii Kalarov, E. Tade. Smena 38 no.14;20 Jl '61.

Three motion pictures of Grigorii Chukhrai. L. Belokurov. Kul't i zhizn' 5 no. 7-22-25 '61.

MOTION-PICTURE PROJECTION—BIBLIOGRAPHY see Bibliography—Motion-picture projection

MOTION-PICTURE PROJECTORS

Selecting materials for the manufacture of maltese cross mechanism parts of the motion-picture projector (from "Precision Metal Molding," April 1957) O. I Vakhrameev. Tekh. kino i telev 5 no 6;93 Je '61.

MOTION-PICTURE PROJECTORS—EXHIBITIONS

Review of the new motion-picture equipment at the Exhibition of Achievements of the National Economy of the U. S. S. R. in connection with the 22d Congress of the CPSU. Tekh. kino i telev. 6 no. 6;63-64 Je '61.

MOTION-PICTURE PROJECTORS—PATENTS—BIBLIOGRAPHY see Bibliography—Motion-picture projectors—Patents

MOTION PICTURE THEATERS see subdivision under Leningrad

MOTION PICTURES

(see also subdivision under White Russia)

"Five days, five nights"; how a film was made. Sov. voin 43 no. 8;41-42 Ap '61.

MOTION PICTURES (Continued)

Motion pictures and the times. Sergei Iutkevich. Nov. vrem. 19 no. 31 13-14 Jl '61

Scientific Technical Conference of the Leningrad Institute of Motion-Picture Engineering and of the Science and Technology Section of the Leningrad Branch of the Union of Engineers and Technicians of the Motion-Picture Industry of the U.S.S.R. Tekh. kino i televid. 5 no. 6 95-96 Je '61

MOTION PICTURES—PRODUCTION AND DIRECTION

Komarov, S. V. [How a motion picture is produced] Kak sozdaetsia kinofil'm. Moskva, Izd-vo "Znanie" Vses. ob-va po rasprostraneniiu polit. i nauchn. znanii, 1961. 30 p. (Narodnyi universitet kul'tury. Fakul'tet literatury i iskusstva, no. 6)

MOTION PICTURES—SPECIAL EFFECTS

Pluzhnikov, B. F. [Special effect photography] Kombinirovannye kinos"emki. Moskva, Gos. izd-vo "Iskusstvo," 1961. 125 p. (Biblioteka kinolubitelia)

MOTION PICTURES, AMATEUR see Amateur motion pictures

MOTION PICTURES, DOCUMENTARY
(see also subdivision under Cuba)

"The first flight toward the stars." Agitator no. 15;63 Ag '61.

On the track of the sea hunters. K. Alekseev. Okhr. truda i sots. strakh. 4 no. 7 44 Jl '61

MOTION PICTURES, MUSICAL

Through the medium of motion pictures. IA. Konstantinovskii. Sov. muz. 25 no. 7 114-115 Jl '61.

MOTION PICTURES IN ADVERTISING

Let's give more attention to motion-picture advertising. IU. Znamenskii. Sov. torg. 34 no. 6-55-56 Je '61

MOTION PICTURES IN EDUCATION
(see also subdivision under Moscow)

Drizovskaia, T. M. [Using educational motion pictures in chemistry lessons] Ispol'zovanie uchebnykh kinofil'mov na urokakh khimii. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1958. 76 p. (Politekhnicheskoe obuchenie v shkole)

Introduction of motion pictures into the educational process. P. G. Savkin. Sred. spets. obr. 8 no. 6,22-24 Je '61

Motion pictures and extracurricular work. M. Piskunov. Nar. asv. no. 5;88-90 My '61.

New educational motion pictures for specialized secondary schools. L. A. Makh. Sred. spets. obr. 8 no. 7; 60 Jl '61

MOTOR FUELS

Russia (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Motor fuels] Topliva dlia dvigatelei. Izd. ofitsial'noe. Moskva, 1960. 78 p. (SSSR. Gosudarstvennye standarty)

MOTOR SCOOTERS
(see also subdivision under Czechoslovakia, Tula)

"D-5" motor. A. Petrova. Tekh. mol. 29 no. 6,8 '61.

MOTOR VEHICLES see subdivision under Zaporozh'ye

MOTOR VEHICLES—BIBLIOGRAPHY see Bibliography—Motor vehicles

MOTOR VEHICLES—FUEL CONSUMPTION

Rates of liquid fuel consumption for special purpose vehicles. V. Kozlov. Tekh. v sel'khoz. 21 no. 7 91 Jl '61.

Temporary norms for liquid fuel consumption. Avt. transp. [illegible] 61.

TION

. Sil'vestrov. Avt. transp.

CATION

ir additives for the running-in
Avt. transp. 39 no. 6;29-31

ENANCE AND REPAIR

tomobile servicing. Za rul.

motor vehicles] Remont
. Vadivasova. [Saratov]
vo, 1961. 535 p.

tomobiles on conveyer lines.
39 no. 6,17-18 Je '61
nce and repair of motor
al] Tekhnicheskoe obsluzhivanie; posobie slesaryu.
zd-vo M-va avtomobil'nogo
g RSFSR, 1961. 198 p.

NG GEAR see subdivision

MOTOR VEHICLES—TIRES

Device for washing tires. T. Sigalovskii. Avt. transp. 39 no. 6 24-25 Je '61

MOTOR VEHICLES, AMPHIBIOUS

Pavlov, S. P. [The BAV large amphibious vehicle] Bol'shoi plavaiushchii avtomobil' BAV. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 87 p. (Za voenno-tekhnicheskie znaniia)

Cargo carrier floats among the ice cakes. V. Tereshchenkov. Starsh.-serzh. no. 4 34 Ap '61

MOTORBOAT RACING

Getting ready for the decisive stage of the Spartikiada. N. Pokrovskii. Za rul. 19 no. 4 6 Ap '61

MOTORBOATS

Motorboat in a mail package. E. Kloss. Za rul. 19 no. 4,32 Ap '61

Motorboat with underwater wings. Za rul. 19 no. 4: 16b-16c Ap '61

MOTORBOATS—GASOLINE ENGINES

Forty-five kilometer per hour with the "Moskva" motor. V. Lavrov. Za rul. 19 no. 4-25 Ap '61

MOTORCYCLE INDUSTRY
(see also subdivision under Czechoslovakia; Irbit)

On the level of the country's championship. B. Panferov. Za rul. 19 no. 4-15 Ap '61.

MOTORCYCLE RACING
(see also subdivision under Izhevsk)

At the finish of motorcycle racing on ice tracks. R. Bogdanov. Za rul. 19 no. 4,12-14 Ap '61.

Facilities made available for racing training. V. Berezkin. Za rul. 19 no. 4 17 Ap '61.

Getting ready for the decisive stage of the Spartikiada. N. Pokrovskii. Za rul. 19 no. 4 6 Ap '61

Multievent motorcycle competition. V. Drobitskii. Za rul. 19 no. 5,8-9 My '61

MOTORCYCLES
(see also subdivision under Hungary)

Abrosimov, A. A., and A. A. Tarbov. [The "Kovrovets-175" motorcycles] Mototsikl "Kovrovets-175." Moskva, Gos. izd-vo "Fizkul'tura i sport," 1961. 126 p.

Bimetallic motor cylinders for motorcycles. K. I. Vashchenko. Lit. proizv. no. 8 16-19 Ag '61.

How to avoid the overheating of the engine. V. Kramerov. Za rul. 19 no. 4 16a Ap '61.

Kozlov, B. G. [Travel on a motorcycle] Puteshestviia na mototsikle. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1961. 135 p.

Motorcyclist in the city traffic. D. Abaz'ianin. Za rul. 19 no. 5;22-23 My '61.

New motorcycles, motor-mounted bicycles and bicycles. A. Antonov. Sov. potreb. koop. 5 no. 8 59-61 Je '61

Tent for protection against rain and cold weather. N. Kalmazinskii. Za rul. 19 no. 4;16a Ap '61.

MOTORCYCLES—TOURING

On motorcycles from Leningrad to Khorog. V. Kushpil', V. Markov, F. Subbotin. Za rul. 19 no. 5,18-19 My '61

MOTORTRUCKS

Antipov, N. I. [illegible] and D. A. Gas'kov [illegible]
trucks
lei mal
izd-vo
dorog R
opytom avtotransportnykh predpriiatii)

In the new automobile. IA. Golodovskii, R. Kalamkarov. Starsh.-serzh. no. 4-34 Ap '61.

Makhotin, A. N. [Operation of GAZ-51A motortrucks] Ekspluatatsiia avtomobilia GAZ-51A. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 64 p. (Biblioteka shofera)

Universal truck loader. M. A. Samoilov, V. V. Timko, B. V. Golovin. Trakt. i sel'khozmash. 31 no. 8-41-42 Ag '61.

MOTORTRUCKS—CATALOGS

Moscow. TSentral'nyi nauchno-issledovatel'skii institut mekhanizatsii i energetiki lesnoi promyshlennosti. [Album of drawings of parts, repair dimensions, auxiliary parts for the ZIL-157 motortruck] Al'bom chertezhei detalei remontnykh razmerov i dopolnitel'nykh detalei (nasadkov) avtomobilia ZIL-157. Moskva, Goslesbumizdat. (Tipovaia tekhnologiia remonta lesozagotovitel'nykh mashin i mekhanizmov)

Pt. 2. [Chassis except the ZIL-157 engine] Shassi (krome dvigatelia ZIL-157) 1961. 112 p.

MOTORTRUCKS—ELECTRIC EQUIPMENT

Alternating current generator of the PAZ-652 motortruck. IU. Kupeev and others. Avt. transp. 39 no. 6. 40-43 Je '61.

MOTORTRUCKS—ENGINES

Moscow. TSentral'nyi nauchno-issledovatel'skii institut mekhanizatsii i energetiki lesnoi promyshlennosti. [Album of drawings of parts, repair dimensions, and auxiliary parts for the ZIL-157 motortruck] Al'bom chertezhei detalei remontnykh razmerov i dopolnitel'nykh detalei (nasadkov) avtomobilia ZIL-157. Moskva, Goslesbumizdat. (Tipovaia tekhnologiia remonta lesozagotovitel'nykh mashin i mekhanizmov)

Pt. 1. [Engine] Dvigatel' 1961. 84 p.

MOTORTRUCKS—EQUIPMENT AND SUPPLIES

Iaroslavskii avtomobil'nyi zavod, Yaroslavl'. [Catalog of spare parts of LiAZ-214, LiAZ-219, LiAZ-221 and LiAZ-222 motortrucks] Katalog zapasnykh chastei avtomobilei LiAZ-214, LiAZ-219, LiAZ-221 i LiAZ-222. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 457 p.

Moscow. TSentral'nyi nauchno-issledovatel'skii institut mekhanizatsii i energetiki lesnoi promyshlennosti. [Album of working drawings of parts and units of MAZ-200 and MAZ-501 trucks] Al'bom rabochikh chertezhei detalei i uzlov avtomobilei MAZ 200 i MAZ-501. Moskva, Goslesbumizdat.
Pts. 2-3. 1960. 319 p.

MOTORTRUCKS—MAINTENANCE AND REPAIR

New lifting system for maintenance and repair of [illegible] trucks. G. Gaitaev. Avt. transp. 39 no. 6 11 Jl '61

Repairing the front axle of the GAZ-51 motortruck. V. Kondakov. Tekh. v sel'khoz. 21 no. 7 86 Jl '61

MOTORTRUCKS—TIRES

Practices for lengthening the service life of tires of the LAZ-695 motortruck. P. Samoilov. Avt. transp. 39 no. 6,8-9 Je '61.

MOUNDS see subdivision under Odessa District

MOUNTAIN WARFARE

Attack of a tank company in the mountains. IU. Marazov. Voen. vest. no. 9:35-39 S '60.

Fuel supply for units operating in a forested mountain locality. A. Pechenin. Tyl i snab. Sov. Vooruzh. Sil no. 4 37-40 Ap '61.

MOUNTAINEERING

Kuz'min, N. I., and B. L. Rukodel'nikov. [Training of mountain climbers] Trenirovka al'pinista. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1961. 148 p.

MOUNTAINS see subdivision under East European Plain

MOVEMENT, PSYCHOLOGY OF

Physiological basis of student work training. A. A. Markosian. Sov. pedag. 25 no. 7 65-71 Jl '61

MOZYR—WOODWORKING INDUSTRIES

Foreman of a brigade of communist labor. [A. Pavlyshyn.] Belarus' 18 no. 8 2-3 Ag '61

MTSENSK—MEAT INDUSTRY

Experts show initiative. N. Aksenov, M. Solomatin. Mias. ind. SSSR 32 no. 2-22 '61

MUD VOLCANOES see subdivision under Turkmen Plain

MUKHTAR, ASKAD

At the desk of a writer. Uzbekistan 20 no. 6,19 Je '61

MULBERRY

Effect of the mulberry cultivation method on the composition of the nesting bird fauna. R. N. Meklenburtsev. Ornitologiia no. 3;28-31 '59.

MUNICIPAL ENGINEERING
(see also subdivision under Moscow; Ural Mountain region)

Engineering equipment for the areas within blocks. P. P. Kovalenko, V. G. Maidel'. Gor. khoz. Mosk. 35 no. 7 30-33 Jl '61.

MUNICIPAL GOVERNMENT

Town meetings. V. IUnevichius. Sov. deput. trud. no. 8:41-45 Ag '61.

MUNICIPAL SERVICES
(see also subdivision under Baku; Chuvashia, Czechoslovakia; Khodzhent; Krasnodar Territory, Moscow; Novosibirsk)

Brief reports. Zhil.-kom. khoz. 11 no. 5:15 My '61

Direct all resources to serving the population. Zhil.-kom. khoz. 11 no. 7;1-2 Jl '61.

From the pages of magazines. Zhil.-kom. khoz. 11 no. 5;34 My '61.

From the pages of magazines. Zhil.-kom. khoz. 11 no. 7;33 Jl '61.

MUNICIPAL SERVICES—BIBLIOGRAPHY see Bibliography—Municipal services

MUNICIPAL SERVICES—SAFETY MEASURES see subdivision under Kharkov

MUNICIPAL SERVICES—STUDY AND TEACHING see subdivision under Moscow

MUNICIPAL SERVICES—TECHNOLOGICAL INNOVATIONS see subdivision under Moscow

MURADOVA, BARIAT SOLTAN-MEDZHIDOVNA

Bariat Muradova [U Rybakov Teatr 22 no 7:109-115 Jl '61

MURRES

Murres. I. Golovnin [Un nat. no 7 11-12 Jl '61

MUSCLE

Effect of ribonucleic acid on the working capacity of the neuromuscular preparation of a rat. N A Smirnova, V G Ovechkin. Nauch dokl vys shkoly, biol nauki no 3 93-97 '61

MUSCLES

Changes in the working capacity of unfatigued human muscles due to previous dynamic work of other muscle groups [with summary in English]. K K. Vrochyns'kyi. Fiziol. zhur. [Ukr.] 7 no 1 503-506 Jl-Ag '61.

Effect of adrenalinc on cholinergic contraction of skeletal muscles in birds. I G Magazanik. Dokl. AN SSSR 139 no 2,495-498 Jl '61

MUSCLES—DISEASES

Clinical aspects and pathogenesis of dermatomyositis [with summary in French]. B N Man'kovskii. Zhur nevr. i psikh. 61 no 4 543-548 '61.

MUSCOVITE see subdivision under Karelia

MUSEUMS

(see also subdivision under Kazan, Kishinev, also subdivision 'Art galleries and museums' under Kharkov)

"Museological studies" by M M Bondar, N N Mezentseva, L M Slavin. Reviewed by O N Sal'nykov. Mat. z arkheol. Pivn. Prychor., no. 3 267-270 '60.

MUSHROOMS

Gromov, N.G. [Meadow mushrooms] Shampin'ony. Izd.2., perer. i dop. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 176 p. (DA)

Mushrooms in a desert. S. Litkens. [Un nat. no. 6 35 Je '61

MUSHROOMS—PRESERVATION

Usatiuk, M.K. [Manual for fruit and vegetable growers; salting, fermenting, pickling and other methods of processing vegetables, fruits, and mushrooms] Spravochnik plodoovoshchnika; po voprosam solenila, kvashenila, marinovanila i drugikh vidov pererabotki ovoshchei, plodov i gribov. Moskva, Gos. izd-vo torg. lit-ry, 1961. 214 p.

MUSIC

(see also subdivision under Lvov; Paris, Perm Province, Siberia, Western, United States; Voronezh)

Brief news. Sov. muz. 25 no.7:145-160 Jl '61.

Diverse pages. Sov. muz. 25 no.7:136-139 Jl '61.

Reflect our times truthfully. D. Shostakovich. Sov. muz. 25 no.7 3-15 Jl '61.

MUSIC—ANALYSIS, APPRECIATION

Ratskaia, TS. S. [How to understand music] Kak ponimat' muzyku. Moskva, Izd-vo "Znanie" Vses. ob-va raspr. polit. i nauchn. znanii, 1961. 39 p. (Narodnyi universitet kul'tury, no. 2)

MUSIC—HISTORY AND CRITICISM

Druskin, M.S. [Past and present] Istoriia i sovremennost', stat'i o muzyke. Leningrad, Sovetskii kompozitor, 1960. 316 p.

Koren, V.D. [Modern music of the bourgeois West] Sovremennaia muzyka burzhuaznogo Zapada, Moskva, Izd-vo "Znanie," 1961. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6, Literatura i iskusstvo, no. 12)

MUSIC—INSTRUCTION AND STUDY

Fridkin, G.A. [Practical guide in studying the elements of music] Prakticheskoe rukovodstvo po muzykal'noi gramote. Moskva, Gos. muzykal'noe izd-vo, 1960. 390 p.

MUSIC—PHILOSOPHY AND AESTHETICS

Signs of our times and the fate of music. D. Shostakovich, V Vinogradov. Kommunist 38 no 13,98-100 S '61

MUSIC, ARMENIAN—HISTORY AND CRITICISM

Tigranov, G.G. [The Armenian musical theater] Armianskii muzykal'nyi teatr; ocherki i materialy. Erevan, Aipetrat.
Vol. 2, 1960. 307 p.

MUSIC TRADE see subdivision under Moscow

MUSICAL INSTRUMENTS, ELECTRONIC

Tsentral'naia stantsiia iunykh tekhnikov, Moscow. [Electrophone] Elektrofon. [Moskva] Izd-vo "Doiskii mir."
No. 1, 1961. 1 fold. l. (Prilozhenie k zhurnalu "IUnyi tekhnik," no. 11(101))
No. 2, 1961. 1 fold. l. (Prilozhenie k zhurnalu "IUnyi tekhnik," no. 12(102))

MUSICAL INSTRUMENTS, UKRAINIAN

History of familiar things. IU. Kolesnychenko. Ukraina no.15 32 Ag '61

MUSICAL SOCIETIES see subdivision under Soviet Far East

MUSICOCALLISTHENICS

According to the laws of beauty. F. Ovchinenko. Smena 38 no 9,20-21 My '61

MUSORGSKII, MODEST PETROVICH, 1839-1881

Martynov, I.I. Musorgskii. Moskva, Gos. muzykal'noe izd-vo, 1960. 76 p. (Bibliotechka liubitelia muzyki)

MUSTARD GAS

Damage caused by yperite in chilled, overheated, and exhausted animals, abstract. O S Shchemiakin. Voen.-med. zhur. no. 3 80 Mr '61.

MUTUAL ECONOMIC ASSISTANCE COUNCIL

In the permanent commissions of the Council of Mutual Economic Assistance [with English summary in insert] A Aleksandrov. Vnesh. torg. 41 no. 7 11-19 '61

MUTUAL INDUCTANCE

Calculation of the errors of a mutual inductance coil. R. M Demidova. Izv. vys. uchcb. zav., elektromekh. 4 no 1 46-53 '61

MYCELIUM

Effect of dry mycelial by-products from biomycin production on the metabolism of fattening swine [with summary in German] I. G Privinik, A. S Obraztsova. Biul. nauch.-tekh. inform. VIZH no. 2:38-40 '58.

MYCOBACTERIUM TUBERCULOSIS

Decontamination of water containing Mycobacterium tuberculosis [with summary in English]. G.P IAkovleva. Gig. i san. 26 no. 3:9-15 Mr '61.

MYCORRHIZA

Endotrophic mycorrhiza of herbaceous plants in certain plant communities of the central cis-Ural region [with summary in English]. L. V. Kriuger. Bot. zhur. 46 no 5:617-627 My '61.

Morphological characteristics of the mycorrhiza of corn. E. P. Khrushcheva. Agrobiologiia no. 4:595-598 Jl-Ag '61.

MYOSIN

Common features of the manifestation of radiation after-effect in proteins of different structure; comparative investigation of myosin and pepsin. E. E Ganassi and others. Radiobiologiia 1 no. 1:14-22 '61.

Study of the properties of myosin of muscle tissues irradiated by vitro by Co^{60}. V. V. Pal'min, L. T. Alekhina. Radiobiologiia 1 no. 2:206-211 '61.

MYSHKINO—SCHOOL GARDENS

Skillful and united. B Chashcharin. [Un nat. no. 6 22-24 Je '61.

MYT—RESTAURANTS, LUNCHROOMS, ETC.

Why does the restaurant have so few customers. IU. Bezelianskii, S. Zhatkov. Sov. potreb. koop. 5 no. 7:37-40 Jl '61.

NAKHICHEVAN A.S.S.R.—SALINE AND ALKALI SOILS

Agrophysical properties of saline alluvial meadow soils of the Shaiur Valley, Nakhichevan A. S. S. R. R. G. Mamedov. Izv. AN Azerb. SSR, Ser. biol. i med. nauk 3 47-55 '61.

NAKHICHEVAN A.S.S.R.—SCALE INSECTS

New coccid species of the genus Eimeria from Vinogradov's gerbils (Meriones Vinogradovi Heptn.) in the Nakhichevan A. S. S. R. A. M. Veisov. Izv. AN Azerb. SSR, Ser. biol. i med. nauk no. 4:25-35 '61.

NAKHODKA—APARTMENT HOUSES

Apartment house made of three-dimensional elements in Nakhodka. P. Bronnikov. Zhil. stroi no. 6:20-21 Je '61.

NAL'CHIK—DESCRIPTION

Kabanov, A.S. [Nal'chik, capital of the Kabardino-Balkar A.S.S.R.] Nal'chik, stolitsa sovetskoi Kabardino-Balkarii. Nal'chik, Kabardino-balkarskoe knizhnoe izd-vo, 1960. 124 p. (WU)

NAMES, GEOGRAPHICAL see subdivision under Africa; Asia

NAMES, PERSONAL

Levchenko, S.P., L.G. Skrypnykh, and N.P. Dziatkivs'ka, comps. [Dictionary of personal names; Ukrainian-Russian and Russian-Ukrainian] Slovnyk vlasnykh imen liudei; ukrains'ko-rosiis'kyi i rosiis'ko-ukrains'kyi. Vyd. 2., vypravlene i dop. Za red. S. P. Levchenka. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 73 p.

NANAYSKIY DISTRICT—COOPERATIVE SOCIETIES

Cooperative society of a reborn people. I. Gol'tseker. Sov. potreb. koop. 5 no. 6:19-21 Je '61.

NAPALM

Burns of the eyelids from napalm. N. A. Ushakov. Voen.-med. zhur. no. 8,59-63 Ag '60

NAPHTHALENE

Alkylation of aromatic hydrocarbons. Alkylation of naphthalene by propylene on an aluminosilicate catalyst at moderate temperatures. A V Topchiev, M V Kurashev, I. F Gavrilenko. Dokl. AN SSSR 139 no 1:121-127 Jl '61

Diene synthesis of allocimene with asymmetric dienophiles. Part 2. Synthesis of substituted naphthalenes from adducts with allocimene. B A Arbuzov, A R Vil'chinskaia. Zhur. ob. khim. 31 no 7 2190-2201 Jl '61

NAPHTHALENE DISULFONIC ACID

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po khimii. [Chemical reagents, sulfonazo] Khimicheskie reaktivy, sul'fonazo. Moskva, [1959] 6 p.

NAPHTHOIC ACID

Reduction of naphtholcarboxylic acids. Part 4. Indirect electroreduction of 2,3-naphtholcarboxylic acid in aqueous and methanol media. N M. Przhialgovskaia and others. Zhur. ob. khim. 31 no 7 2321-2325 Jl '61

NAPHTHOL

Use of the reactions of nitrosation and complex formation for identifying β-naphthol and benzonaphthol [with summary in English]. V. A. Zaitsev. Apt. delo 10 no. 3 43-46 My-Je '61.

NARO-FOMINSK—DISABILITY EVALUATION

This is not the way to do your work. P Semidetova. Sots. obesp. 29 no 6 30-32 Je '61.

NARVA-JOESUU—HEALTH RESORTS, WATERING PLACES, ETC.

For those who work in the field. N Khrabrova. Ogonek 39 no. 23,14 Je '61

NARVA RESERVOIR—FISHERIES

Utilize Narva Reservoir in an economic way. O. P. Antipova. Ryb. khoz. 37 no 6,30-32 '61

NARYNKOL DISTRICT—POLITICS AND GOVERNMENT

We should try to extend the participation of villagers in public life. A. Isaev. Sov. deput. trud. no. 8:23-28 Ag '61.

NATIONAL PARKS AND RESERVES

[National preserves of the U. S. S. R.] Zapovedniki SSSR. Moskva, Gos. izd-vo geogr. lit-ry.
Vol. 2. 1951. 385 p. [PHOTOCOPY]

NATIONALITIES

First sprouts of internationalism. IU. Talykov. Sem'ia i shkola 16 no 5:6-7 My '61

NATURAL HISTORY see subdivision under Krasnoyarsk Territory; Moldavia; Tajikistan; Ukraine; Zmeinyy Island

NATURAL HISTORY MUSEUMS see subdivision under Alma-Ata

NATURAL RESOURCES see subdivision under Kamchatka

NATURAL RESOURCES—BIBLIOGRAPHY see Bibliography—Natural resources

NATURAL RESOURCES—STUDY AND TEACHING (see also subdivision under Poland)

Conservations of nature should be approached carefully. IU. V. Rychin. Biol. v shkole no 4-53-54 Jl-Ag '61.

NATURE PHOTOGRAPHY

Photography of paleontological objects. N. I. Kaplunenko. Mat. po ist. fauny i flory Kazakh. 3:191-193 '61

NATURE STUDY

Didactic play related to nature study. O. Vertyporokh. Doshk. vykh. 22 no 8-26-29 Ag '61

Excursion to the city park. E. V. Mukoseeva. Biol. v shkole no. 3 9-14 My-Je '61

The horn sounds at the river. V. Andreev, B. Chashchin. [Un. nat. no. 7 14-19 Jl '61.

Let's bring instruction closer to life. R. Pavliuchenkova. Nar. obr. no. 8:9-10 Ag '61.

Life and school are one indivisible whole. N. A. Zaitsev. Nach. shkola 20 no. 8:7-11 Ag '61.

Masters of their country's nature ("School excursions to study nature" by M. A. Paporkov. Reviewed by V. Elagin). Nar. obr. no. 8:97-98 Ag '61.

Nature study in a camp of the young Altinists. L. K. Narochnaia. Biol. v shkole no. 3-57-59 My-Je '61

Planning nature study for the first quarter of a school year. K. A. Songailo. Nach. shkola 20 no. 8-71-76 Ag '61.

Planning nature study for the school year 1961-1962. A. M. Mizova. Nach. shkola 20 no. 8:64-70 Ag '61.

School meeting to study the theme "Our green friends." V. M. Bol'shakova, T. A. Obruchnikova. Sbor. stud. nauch. rab. Nauch. stud. ob-va IAr. gos. ped. inst. no. 3. 135-140 '59.

NATURE STUDY—AUDIO-VISUAL AIDS

Visual aids N N Alekseev IUn nat no 6 39-40 Je '61

NAUTICAL ASTRONOMY

Kondrashikhin, V. T., and A. N. Rakhovetskii, [Accuracy of the astronomic determination of a ship's position] Tochnost' astronomicheskikh opredelenii mesta sudna. Moskva, Izd-vo "Morskoi transport," 1961. 69 p.

NAVAL ARCHITECTURE

Smirnov, B. M. [Economic analysis in the design of seagoing vessels] Ekonomicheskii analiz pri proektirovanii morskikh sudov. Leningrad, Gos soiuznoe izd-vo sudostroit. promyshl., 1961. 375 p.

NAVAL EDUCATION

At the briefing the chief petty officer was bored for no good reason N Belous Starsh -serzh no 1 16-17 Ja '61.

The lesson did not turn out well I Blinkov Starsh serzh no 4 8-9 Ap '61

With experience comes also resolution N. Kupriev. Starsh. -serzh no 4 6 Ap '61

NAVAL MEDICINE see Medicine, Naval

NAVAL RECONNAISSANCE

Physical bases of methods of detection G. Pokrovskii Voen. znan 37 no. 8 21-22 Ag '61

NAVIES see also subdivision 'Navy' under Germany, East, Russia

NAVIGATION (AERONAUTICS)

Brief news. Starsh -serzh. no. 1 18-19 Ja '61.

NAZI PARTY—PARTY WORK

"SS in action." Edited by M. IU. Raginskii. Reviewed by F Kamenskii Voen. -med zhur no 5:87-90 Ag '60

NEBIT-DAG—PETROLEUM GEOLOGY

Reservoir characteristics of sand and silt rocks in the red-colored series of Nebit-Dag N Bekmuradov Izv. AN Turk. SSR Ser fiz -tekh., khim i geol nauk no 3 110-113 '61

NEBIT-DAG—WATER, UNDERGROUND

Geothermal conditions of underground waters in the Nebit-Dag and Kyzyl Kum oil and gas fields S. S. Dzhibuti Izv AN Turk SSR Ser fiz -tekh., khim, i geol. nauk no 3 125-126 '61.

NEGROES see subdivision under United States

NEKHENDZI, IULIAN ARKAD'EVICH, 1901-

Sixtieth birthday of Iulian Arkad'evich Nekhendzi. Lit. proizv. no. 7 45 Jl '61.

NEKRYTYI, SAMUIL SAMOILOVICH, 1893-1960

Samuil Samoilovich Nekrytyi, an obituary Lit proizv. no 8 42 Ag '61.

NELIDOVO REGION (KALININ PROVINCE)—GEOLOGY, STRATIGRAPHIC

Recent data on Pre-Cambrian formations of the Russian Platform M M Veselovskaia Dokl AN SSSR 139 no 1:163-165 Jl '61.

NEMAN VALLEY—PASTURES AND MEADOWS—FERTILIZERS AND MANURES

Surface improvement of meadows by the use of the herbicide 2, 4-D and mineral fertilizers. N. A. Burtys. Biul. Inst. biol. AN BSSR no. 5:42-48 '60

NEMATODA

Recent discoveries of Gongylonema pulchrum Molin, 1857, producer of gongylonemiasis [with summary in English] R. S. Chebotarev, V P. Polishchuk. Zool zhur. 40 no 7:976-982 Jl '61

NEODYMIUM—SPECTRA

Positron spectra of the neutron-deficient isotopes of terbium and neodymium N. A Bonch-Osmolovskaia and others. Izv AN SSSR. Ser. fiz 25 no. 7:826-831 Jl '61

NEODYMIUM COMPOUNDS

Different complex-forming aptitude of neodymium and praseodymium. N. S. Vagina, IAn IUl-lian. Zhur. neorg. khim. 6 no 7:1567-1573 Jl '61

NEODYMIUM-LEAD ALLOYS

Investigation of the thermodynamic properties of cerium-lead, praseodymium-lead, and neodymium-lead P. P. Otopkov, IA. I Gerasimov, A M. Evseev. Dokl AN SSSR 139 no. 3:616-617 Jl '61.

NEON

Breakup of CO^+ and CO_2^+ ions colliding with neon and helium atoms [with summary in English]. V. K Potapov Zhur. fiz. khim. 34 no. 2:444-445 F '60.

NEON—ISOTOPES

Excited levels of Ne^{22} [with summary in English]. A M. Romanov, E. V. Miakinin, M. P. Konstantinova Zhur eksp. i teor. fiz. 41 no. 1 64-65 Jl '61

Inelastic scattering of protons by Ne^{20} nuclei [with summary in English] P V Sorokin and others Zhur. eksp i teor fiz 10 no 5,1253-1256 My '61

NEPHELINE SYENITE see subdivision under Suchan Basin, Yeletozero Lake region

NEPHELOMETRIC ANALYSIS

Nephelometric method for determing the activity of the proteinase in Bacillus subtilis [with summary in English]. I. D. Ivanov Mikrobiologiia 29 no 2:289-292 Mr-Ap '60.

NEPTUNIUM—ISOTOPES

Spontaneous fission periods for Np^{237}, Pu^{239}, and Pu^{242} [with summary in English] V A Druin, V P. Perelygin, G I. Khlebnikov Zhur eksp i teor fiz 40 no 5:1296-1298 My '61.

NEPTUNIUM COMPOUNDS

Electrophoresis method of studying the complexes of neptunium with trilon B. M. P. Mefod'eva. Radiokhimiia 3 no. 4 506-508 '61.

NERUDA, PABLO, 1904-

Osposat, L. S. [Pablo Neruda; an outline of his works] Pablo Neruda, ocherk tvorchestva. Moskva, Sovetskii pisatel', 1960. 350 p.
(MH)

NERVES

Absorption of monochromatic ultraviolet radiation by the giant nerve fiber of the cuttlefish [with summary in English]. I. P. Shmelev, L P Kalushin. Biofizika 6 no 4 436-439 '61

Effect of ribonucleic acid on the working capacity of the neuromuscular preparation of a rat. N A. Smirnova, V. G Ovechinkin Nauch dokl vys shkoly, biol nauki no 3 93-97 '61.

Effect of some anticholinesterase preparations on the conduction of excitation in the frog nerve. I F Prudnikova Biofizika 6 no. 4 464-471 '61.

NERVOUS SYSTEM

Beritashvili, I. S. [Nerve mechanisms of the behavior of the higher vertebrate animals] Nervnye mekhanizmy povedeniia vysshikh pozvonochnykh zhivotnykh. Moskva, Izd-vo Akad. nauk SSSR, 1961. 355 p.

Central nervous system function in patients with cardiovascular diseases and its changes following treatment with hydrogen sulfide and radon baths. G. E. Marantidi, K G. Khvorostova Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 3 238-243 My-Je '61

Cytochemical changes in the mammalian nervous system following local X irradiation, preliminary report. A. I Shabadash, T. I Zelikina, N. D. Agracheva. Radiobiologiia 1 no. 1:42-44 '61.

Dynamics of the course of the rhythmic knee reflex as related to the typological features of the nervous system in dogs [with summary in English]. M V. Bobrova Zhur. vys. nerv. deiat. 11 no. 3:495-499 My-Je '61.

Electrical activity of different areas of the cerebral cortex and reticular formation during exclusion of the olfactory analyzer [with summary in English]. T. G. Beteleva, L A Novikova. Zhur. vys. nerv. deiat. 11 no. 3 527-535 My-Je '61

Evolutionary complication of radiation aftereffects and role of the nervous system in radiation sickness A. L. Shabadash. Radiobiologiia 1 no 2:212-222 '61.

Gordienko, A. N. [Nervous system and immunity] Nervnaia sistema i immunitet. Krasnodar, 1949. 115 p. illus.
(DNLM)

The problem of corticovisceral physiology and pathology. N. A Nikolov. Zhur. vys. nerv. deiat 11 no. 3:569-571 My-Je '61

"Problem of the physiology and pathology of the higher nervous activity." Reviewed by V. D. Bykov, G. M. Nikitina. Zhur. vys. nerv. deiat. 11 no. 3 572-575 My-Je '61.

Registration of conditioned and unconditioned motor reactions in animals during ontogenesis with the aid of a carbon recorder. V. I. Kobyak, G. M. Nikitina. Zhur. vys. nerv. deiat. 11 no. 3.557-560 My-Je '61.

Toxic effect of bromine on the higher nervous activity of dogs with a weak type of nervous system [with summary in English]. T. F. Komarova Zhur. vys. nerv. deiat. 11 no. 3:498-494 My-Je '61.

NERVOUS SYSTEM—CANCER

Malignant ependymomas [with summary in French]. T. P. Verkhogliadova. Zhur. nevr. i psikh. 61 no. 4 504-508 '61.

NERVOUS SYSTEM—CONGRESSES

Resolution of a conference on problems of the higher nervous activity in man, December 26, 1960. Zhur. nevr. i psikh. 61 no. 5 794-795 '61.

NERVOUS SYSTEM—DISEASES

"Disability evaluation in nervous and mental diseases." Reviewed by D. G. Shefer. Zhur. nevr. i psikh. 61 no. 3: 483-485 '61.

Electrophoretic examination of proteins in the blood serum and cerebrospinal fluid in tumors and inflammatory processes of the central nervous system [with summary in English] K M Gorbacheva Zhur. nevr. i psikh 61 no 3 350-356 '61.

"Essays on the clinical aspects and pathomorphology of disorders of the reticular formation of the central nervous system" by N I Sharapov. Reviewed by [illegible] nov Zhur. nevr. i psikh 61 no 5 777 '61

Fundamental scientific work ("Hepato-cerebral dystrophy" by N V Konovalov Reviewed by N. N. Burdenko, F. V. Shmidt) Kul't i zhizn' 5 no 7 30-31 '61

Kishinev, Gosudarstvennyi meditsinskii institut. [Pathomorphology of the nervous system in tuberculosis; collection of articles of the Kishinev State Medical Institute] Patomorfologiia nervnoi sistemy pri tuberkuleze, sbornik rabot Pod redaktsiei prof. F. E. Agelchenko. Red. V I Puzik. Kishinev, Gos. izd-vo Moldavii, 1958. 221 p.
(DNLM)

Lur'e, Z. L. [Diseases of the nervous system in infectious diseases] Porazhenila nervnoi sistemy pri infektsionnykh boleznikh. Izd. 2., perer. i dop. Moskva, Med. iz 1960. 242 p.
(DNLM)

Postvaccinal lesions of the nervous system [with summary in French]. O. A Khondkarian and others Zh nevr. i psikh. 61 no 3 350-361 '61

Significance of examination of flying personnel with functional disorders of the nervous system on the centrifuge for expert medical evaluation P M [illegible] nov, M. G. Papkov Voen -med zhur no 1 [illegible] '60.

"Vascular and infectious diseases of the nervous system and diencephalic forms of pathology." Reviewed by S Davidenkov. Zhur. nevr. i psikh 61 no 4 637 [illegible] '61.

Zachepitskii, R. A., and E. K. IAkovleva. [Role of the proper upbringing in the genesis of neuroses] Rol' nepravil'nogo vospitaniia v proiskhozhdenii nevrozov [Leningrad] Gos. izd-vo med. lit-ry Medgiz, Leningr. otd-nie, 1960. 39 p. (Nauchno-popullarnaia meditsinskaia literatura)
(DNLM)

NERVOUS SYSTEM—FISHES

Bioelectric reactions of the fish brain to light stimuli V. I. Gusel'nikov, M. I Onufrieva Nauch. dokl. vys. shkoly, biol nauki no. 3:80-85 '61

NERVOUS SYSTEM—HYGIENE

Astakhov, S. N. [Spare your nervous system] Shchadite nervnuiu sistemu. [Leningrad] Medgiz, 1960. 104 p. (Nauchno-popullarnaia meditsinskaia literatura)
(DNLM)

NERVOUS SYSTEM—INSECTS

Postembryonic growth of ganglia of the central nervous system in the house cricket (Gryllus domesticus L., Orthoptera, Insecta) A A Panov Dokl Akad nauk [illegible] no 1:230-233 Jl '61

NERVOUS SYSTEM—SURGERY

Effectiveness of mycerin in neurosurgery; experimental investigation [with summary in English]. V. F. Imshenetskaia. Antibiotiki 6 no. 5:466-470 My '61

Objectives and prospects in the development of brain surgery in children. A. A. Arendt Vest. AMN S 16 no. 3:56-61 '61.

NERVOUS SYSTEM—TUMORS

Clinical aspects of craniospinal tumors [with summary in French]. A V. Shishkina, R. L. Kuvshinova Zhur nevr i psikh 61 no 4 501-503 '61.

Clinical aspects of craniovertebral tumors [with summary in French]. D. K. Bogorodinskii, G. P. Sosnov. Zhur nevr i psikh. 61 no. 4 497-500 '61

NERVOUS SYSTEM, AUTONOMIC

Peculiarities in the influence of the vegetative nervous system on cardiac function in Astrakhan lambs [with summary in English]. R. L. Mitropolitanskaia. Fiziol. zhur. 46 no. 3:318-325 Mr '60.

NERVOUS SYSTEM, SYMPATHETIC

Effect of novocaine block of the right vagosympathetic nerve on interoceptive conditioned reflexes from the gall bladder [with summary in English]. V H Zapol'skii Fiziol. zhur. [Ukr.] 7 no. 4:514-519 Jl-Ag '61.

Effect of the sympathetic nerve on the modulation of different rhythms of electric stimulation by the myocardium of heart ventricles I B Babskii, I. G. Ulanovskii. Dokl. AN SSSR 139 no. 3:752-754 Jl '61

NETWORKS, DELAY see Delay networks

NETWORKS, ELECTRIC see Electric networks

NEUROLOGY

Snesarev, P. E. [Selected works] Izbrannye trudy. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 462 p.

NEUROSES

Models of experimental neurosis in white mice [with summary in English] L. S. Gorsheleva. Zhur. vys nerv. deiat. 11 no. 3:545-551 My-Je '61

NEUTRAL RED

Diagnostic value of the neutral red test; abstract, N. I. Bodrov. Voen. -med. zhur no. 3 81 Mr '61

NEUTRINOS

The invisible universe L. Nikiforov. Priroda 50 no 8 82-83 Ag '61

Neutrinos and the density of matter in the universe [with summary in English] B Pontecorvo, IA Smorodinskii Zhur eksp i teor fiz 41 no 1 239-243 Jl '61

Photoproduction of neutrino-antineutrino pairs on electrons [with summary in English], Van Zhun [Wang Jung] and others. Zhur. eksp. i teor. fiz. 40 no. 2 676-677 F '61.

NEUTRON BOMB

Discussion on the neutron bomb. V. Emel'ianov Nov. vrem. 18 no. 32 8-10 Ag '61.

NEUTRONS

Backward elastic scattering of 2 8 bev/c π^--mesons on neutrons [with summary in English] IU D Baiukov and others Zhur eksp i teor fiz 41 no 1 52-55 Jl '61

Calculating the neutron cross sections for tungsten with the aid of an optical nuclear model V A Tolstikov, V E Kolesov, V S Stavinskii Atom energ. 11 no 1, 56-58 Jl '61.

Girshfel'd, S. V. [Investigation of delayed neutrons from U^{233} after irradiation by thermal neutrons] Issledovanie zapazdyvaiushchikh neitronov urana-233 posle oblucheniia teplovymi neitronami. Moskva, 1955. 16 p. (Doklady, predstavlennye SSSR na Mezhdunarodniiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Hardening of molybdenum as a result of neutron irradiation Sh. Sh Ibragimov, A N. Vorob'ev Atom energ 11 no. 1,65-66 Jl '61

Interaction of 14 1 Mev. neutrons with Be^9 [with summary in English] S A Minchkova, V P. Perelygin Zhur. eksp i teor. fiz 40 no 5;1244-1249 My '61

International Conference on the Peaceful Uses of Atomic Energy. 2d, Geneva, 1958. [Transactions. Selected reports by foreign scientists. Izbrannye doklady inostrannykh uchenykh] Moskva, Izd-vo Glad. uprav. po ispol'zovaniiu atomnoi energ. pri Sovete Ministrov SSSR.
Vol. 2. [Neutron physics] Neitronnaia fizika. Pod obshchei red. A. I. Alikhanova, i N. A. Vlasova. 1959. 755 p.

Mezhiborskaia, Kh. B. [Photoneutron method for the determination of beryllium] Fotoneitronnyi metod opredeleniia berilliia. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhniki, 1961. 50 p.

Neutron decay as a factor in the ionization of the upper atmosphere. V N Kessenikh. Izv vys. ucheb zav., fiz no 2 176 '61

Neutron emission from strongly excited nuclei [with summary in English] A. S. Karamian, G. A. Dorofeev, D. S. Klochkov. Zhur. eksp. i teor. fiz 40 no 4 1004-1006 Ap '61.

Neutrons from the C^{12} (t, n) reaction [with summary in English]. P I Vatset, L. IA Kolesnikov, S G Tonapetian Zhur. eksp i teor fiz. 10 no. 5;1257-1260 My '61.

Polarization of neutrons in the disintegration of Be^9 nuclei by circularly-polarized γ-quanta [with summary in English] L. Sh. Vashakidze, T. I. Kopaleishvili, G A Chilashvili. Zhur. eksp. i teor. fiz. 40 no. 2 491-492 F '61

Spivak, P. E., and B. G. Erozolimskii. [Measuring the coefficient of neutron multiplication (effective number of secondary neutrons) for fissionable uranium and plutonium isotopes, using thermal neutrons for fission] Izmerenie koeffitsienta razmnozhenila neitronov (effektivnogo chisla vtorichnykh neitronov) dlia delishchikhsia izotopov urana i plutoniia pri delenii na teplovykh neitronakh. Moskva, 1955. 16 p. (Doklady, predstavlennye SSSR na Mezhdunarodniiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Spivak, P. E., and others. [Measurement of resonance absorption integrals for various substances and of the multiplication coefficient (effective number of secondary neutrons) of resonance neutrons for fissionable isotopes] Izmerenila rezonansnykh integralov poglashcheniia dlia razlichnykh veshchestv i koeffitsienta razmnozhenila (effektivnogo chisla vtorichnykh neitronov) na rezonansnykh neitronakh dlia delishchikhsia izotopov. Moskva, 1955. 13 p. (Doklady, predstavlennye SSSR na Mezhdunarodniiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Spivak, P. E., and others. [Studying the beta-decay of a neutron] Issledovanie beta-raspada neitrona. Moskva, 1955. 20 p. (Doklady, predstavlennye SSSR na Mezhdunarodniiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Triple fission of uranium nuclei by fast neutrons [with summary in English]. N. A. Perfilov, Z. I. Solov'eva, R A. Filov Zhur. eksp. i teor fiz. 41 no 1 11-12 Jl '61

Usachev, L. N. [Equation covering the importance of neutrons, reactor kinetics, and the perturbation theory] Uravnenie dlia tsennosti neitronov, kinetika reaktora i teoriia vozmushchenii. Moskva, 1955. 21 p. (Doklady, predstavlennye SSSR na Mezhdunarodniiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Vladimirskii, V. V., I. A. Radkevich, and V. V. Sokolovskii. [Neutron spectrometer with a mechanical beam chopper] Neitronnyi spektrometr s mekhanicheskim preryvatelem. Moskva, 1955. 32 p. (Doklady, predstavlennye SSSR na Mezhdunarodniiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Yield curves of fast photoneutrons from C^{12} and Al^{27} [with summary in English] V Presperin, L A Kul'chitskii Zhur eksp i teor fiz 41 no 1 60-63 Jl '61

NEUTRONS—CAPTURE

Alikhanov, A. I., V. V. Vladimirskii, and S. IA. Nikitin. [Measuring the effective number of secondary neutrons in U^{233}, U^{235}, and Pu^{239} in the thermal energy region of neutrons] Izmerenie effektivnogo chisla vtorichnykh neitronov urana-233, urana-235 i plutoniia-239 v oblasti teplovykh energii neitronov. Moskva, 1955. 11 p. (Doklady, predstavlennye SSSR na Mezhdunarodniiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Bat', G. A. [Designs of heterogeneous reactors with a small number of moderator blocks] Raschety geterogennykh reaktorov s nebol'shim chislom blokov. Moskva, 1955. 8 p. (Doklady, predstavlennye SSSR na Mezhdunarodniiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Burgov, N. A. [Determining the number of secondary neutrons produced in the capture of one thermal neutron by nuclei of a natural mixture of uranium isotopes] Izmerenie chisla vtorichnykh neitronov, voznikaiushchikh pri zakhvate odnogo teplovogo neitrona iadrami estestvennoi smesi izotopov urana. Moskva, 1955. 6 p. (Doklady, predstavlennye SSSR na Mezhdunarodniiu konferentsiiu po mirnomu izpol'zovaniiu atomnoi energii)

Deviations from the $1/v$ law of the cross sections of slow neutron reactions on light nuclei [with summary in English] A. A Bergman, F L Shapiro Zhur. eksp. i teor fiz 40 no. 5-1270-1281 My '61

Galanin, A. D. [Critical size of a heterogeneous reactor with a small number of moderator blocks] Kriticheskii razmer geterogennogo reaktora s malym chislom blokov. Moskva, 1955. 10 p. (Doklady, predstavlennye SSSR na Mezhdunarodniiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Groshev, L. V., B. P. Adiasevich, and A. M. Demidov. [Investigation of gamma rays emitted by nuclei in the capture of thermal neutrons] Issledovanie gamma-luchei, ispuskaemykh iadrami pri zakhvate teplovykh neitronov. Moskva, 1955. 30 p. (Doklady, predstavlennye SSSR na Mezhdunarodniiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Krasin, A. K., and others. [Study of beryllium as a neutron moderator] Izuchenie berilliia kak zamedlitelia neitronov. Moskva, 1955. 17 p. (Doklady, predstavlennye SSSR na Mezhdunarodniiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Kukavadze, G. M., and others. [Measurement of the cross sections of the absorption and radiative capture of neutrons in U^{233} and the pile neutron spectrum] Izmerenie sechenila pogloshcheniia i sechenila radiatsionnogo zakhvata urana-233 dlia kotel'nogo spektra neitronov. Moskva, 1955. 13 p. (Doklady, predstavlennye SSSR na Mezhdunarodniiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Neutron transfer in nuclear collisions [with summary in English] T. I. Abelishvili Zhur. eksp i teor. fiz 40 no 5 1440-1445 My '61.

NEUTRONS—DIFFRACTION

Neutron diffraction study of the crystalline structure of solid hydrogen and deuterium. Zhur. eksp. i teor fiz 40 no. 4;1022-1026 Ap '61

NEUTRONS—MEASUREMENT

Mostovoi, V. I., M. I. Povzner, and A. P. TSitovich. [Mechanical neutron velocity selector] Mekhanicheskii selektor neitronov. Moskva, 1955. 24 p. (Doklady, predstavlennye SSSR na Mezhdunarodniiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Neutron yield in the reaction of tritons with fluorine and aluminum nuclei [with summary in English] A. K. Valter and others Zhur. eksp i teor fiz. 40 no. 5; 1237-1243 My '61.

NEUTRONS—SCATTERING

Angular distribution of neutrons with an initial energy of 14 mev, inelastically scattered on carbon, nitrogen and sulfur [with summary in English]. V. V. Bobyr', L. IA. Grono, V. I. Strizhak. Zhur. eksp. i teor fiz 41 no 1 24-25 Jl '61.

Antonov, A. V., and others. [Neutron diffusion in beryllium, graphite, and water studied by the pulse method] Izuchenie diffuzii neitronov v berillii, grafite i vode impul'snym metodom. Moskva, 1955. 27 p. (Doklady, predstavlennye SSSR na Mezhdunarodniiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Asymmetry of the angular distribution of neutrons emitted in the capture of μ^--mesons in calcium. V. S. Evseev and others. Zhur. eksp. i teor. fiz. 41 no 1;306-307 Jl '61.

Bat', G. A., and D. F. Zaretskii. [Solution of the generalized Milne problem] Reshenie obobshchennoi zadachi Milna. Moskva, 1955. 15 p. (Doklady, predstavlennye SSSR na Mezhdunarodniiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Nemirovskii, P. E. [Theory of a semitransparent nucleus with a blurred edge] Teoriia poluprozrachnogo iadra s razmytym kraem. Moskva, 1955. 18 p. (Doklady, predstavlennye SSSR na Mezhdunarodniiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Paschuk, M. V. [Inelastic scattering of fast neutrons by atomic nuclei] Neuprugoe rasseianie bystrykh neitronov atomnymi iadrami. Moskva, 1955. 14 p. (Doklady, predstavlennye USSR na Mezhdunarodniiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Polarization due to scattering of slow neutrons in ferromagnetics [with summary in English]. S V Maleev Zhur eksp. i teor fiz 40 no. 1;1224-1227 Ap '61

Theory of inelastic scattering of neutrons by imperfect crystals [with summary in English] M. A. Krivoglaz. Zhur. eksp. i teor. fiz 40 no 2 587-594 F '61.

NEVINOMYSSK—PRECAST CONCRETE CONSTRUCTION

Assembly of large reinforced concrete frames K. P. Patiakov Mont i spets rab v stroi 23 no 6 28-29 Je '61

NEW GUINEA—DESCRIPTION AND TRAVEL

Miklukha-Maklai, N. N. [On the shores of Maklay] Na beregu Maklaia Moskva, Izd-vo Akad. nauk SSSR, 1961. 320 p.

NEW YORK (CITY)—ENSEMBLES (MUSIC), RUSSIAN

Revelation of a dance Mitchel Wilson Ogonek 39 no 29,15-16 Jl '61

NEW ZEALAND—FLAX

New Zealand flax [with summary in English]. K. IU. Odisharlia. Trudy Sukh. bot. sada no. 12-161-208 '59.

NEWS PHOTOGRAPHERS

Reliable helpers V. IAshin Sov. foto 21 no. 7;41 Jl '61

NEWSPAPERS see subdivision under Baghdad, Siberia

NEWSPAPERS—BIBLIOGRAPHY see Bibliography—Newspapers

NEWSPAPERS ON FILM STRIPS

A means of stimulating propaganda V. Shalabnev Agitator no. 15 50-52 Ag '61

NEYVO-RUDYANKA—SEWERAGE

Use of plywood pipes. IU. S. Dem'ianenko. Vod. i san. tekh no. 3;12-13 Mi '61.

NIAGARA FALLS

Niagara Falls B Tikhomirov IUn. nat no 6 13 Je '61

NICARAGUA—POLITICS AND GOVERNMENT

History of the liberation struggle of the Nicaraguan people against the armed intervention of the U S A from 1927 to 1933 [with summary in English, pp 221-222]. N S Larin Vop ist no 8 86-96 Ag '61.

NICARAGUA—RELATIONS (MILITARY) WITH THE UNITED STATES

History of the liberation struggle of the Nicaraguan people against the armed intervention of the U. S A from 1927 to 1933 [with summary in English, pp 221-222] N S. Larin Vop. ist no. 8 86-96 Ag '61.

NICHOLAS, SAINT, Bishop of Myra

Saint Nicholas-zealot and defender of the Orthodoxy (to be concluded). L. Voronov Zhur. Mosk. Patr no 6; 65-75 Je '61.

Saint Nicholas, zealot and defender of Orthodoxy (conclusion) L Voronov Zhur Mosk Patr. no. 7;66-74 Jl '61.

NICKEL—ANALYSIS

Trilonometric determination of copper in the presence of nickel and iron. G. G. Lystsova Zav. lab 27 no. 8-964-965 '61.

NICKEL—ELECTRIC PROPERTIES

Electrochemical behavior of nickel in sulfuric acid in the presence of various oxidants [with summary in English]. N. IA. Bunc, IA M Kolotyrkin. Zhur fiz khim 35 no. 7 1543-1550 Jl '61.

NICKEL—ISOTOPES

Angular distribution of 6.8 mev. protons elastically scattered on nickel and zirconium isotopes [with summary in English] A. K. Val'ter and others. Zhur eksp i teor fiz. 41 no 1 71-74 Jl '61.

NICKEL—WELDING

Zaks, I. A. [Arc welding of nickel] Elektrodugovala svarka nikelia. Leningrad, 1961. 21 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom, Seriia: Svarka i paika metallov, no. 2)

NICKEL ALLOYS

Heat of dissociation of Ni_7Fe, Ni_7Mn, Ni_7Cr, and Ni_3V, Kurnakov's compounds. I I. Korniilov, N M. Matveeva Dokl. AN SSSR 139 no 4;880-883 Ag '61.

Study of multicomponent nickel systems. L. I Priakhina. Dokl AN SSSR 139 no. 3,618-621 Jl '61

NICKEL-ALUMINUM ALLOYS

Viscosity of liquid alloys in the system nickel - aluminum A. A. Vertman, A. M. Samarin. Izv. AN SSSR Otd. tekh. nauk. Met. i topl. no. 3,159-160 My-Je '61

NICKEL CATALYSTS see Catalysts, Nickel

NICKEL-COBALT-TUNGSTEN ALLOYS see Tungsten-cobalt-nickel alloys

NICKEL COMPOUNDS—CONGRESSES

Vsesoiuznoe soveshchanie po khimii kompleksnykh soedinenii kobal'ta i nikelia, 1960. [Summaries of reports to the All-Union Conference on the Chemistry of Cobalt and Nickel Complexes] Tezisy dokladov. Kishinev, Izd-vo "Shtiintsa" Moldavskogo filiala Akad. nauk SSSR, 1960. 74 p. [MICROFILM]

NICKEL HYDROXIDE

Catalytic decomposition of H_2O_2 under the effect of $Ni(OH)_2$ [with summary in English] G. A. Bogdanov, N. A. Korotchenko. Zhur. fiz. khim. 35 no. 7 1616-1621 Jl '61.

NICKEL PLATING

Electrochemical removing of defects from nickel-plated surfaces. Sbor. rats. predl. vnedr. v proizv. no. 2 70 '61

X-ray diffraction study of the structure of chemical-conversion nickel coatings in wear tests. N. Bazarbekov, IU. S. Terminasov. Izv. AN Kir. SSR. Ser. est. i tekh. nauk. 3 no. 1:41-50 '61

NICOTINIC ACID

Nicotinic acid metabolism in patients after total gastrectomy [with summary in English] E. P. Chunakova. Vop. pit. 19 no. 2 30-35 Mr-Ap '60

NIGERIA—DESCRIPTION AND TRAVEL

Second birth of the land of palms. D. Turchaninov. Az. i Afr. seg. no. 4 26-29 Ap '61

NIGERIA—ECONOMIC CONDITIONS

Federation of Nigeria. L. Goncharov. Vnesh. torg. 41 no. 7 32-35 '61.

Second birth of the land of palms. D. Turchaninov. Az. i Afr. seg. no. 1 26-29 Ap '61

NIGERIA—FOREIGN ECONOMIC RELATIONS—RUSSIA

In an atmosphere of friendship and mutual understanding. Vnesh. torg. 41 no. 7 24 '61

NIGERIA—POLITICS AND GOVERNMENT

Nigeria in its first year of independence. L. Kim. Mir. ekon. i mezhdunar. otn. no. 8, 96-99 Ag '61.

NIGHT FIGHTING (MILITARY SCIENCE)

Soldier attacks at night. IU. Belikov, N. Kushchaev. Starsh.-serzh. no. 1 6-7 Ja '61

NIGHT SKY

Luminescence of the lines of a atomic nitrogen in the night sky. A. D. Danilov. Geomag. i aer. 1 no. 1 45-48 Ja-F '61

NIGHTSHADE

Studying the nightshade family. N. I. Shaposhnikov. Biol. v shkole no. 4 7-10 Jl-Ag '61.

NIKIFOROVSKII, NIKOLAI IAKOVLEVICH, 1845-1910

Outstanding White Russian ethnographer ["N. IA. Nikiforovskii" by V. K. Bandarchik, I. G. Chigrinov. Reviewed by I. Korzun] Belarus' 18 no. 8-31 Ag '61.

NIKODIM, Archbishop of Yaroslavl and Rostov

...and Nikodim, Bishop of Yaro...r of the Holy Synod. Zhur. ... '61

NIKOLAEVA, TAT'IANA

Tat'iana Nikolaeva. V. Del'son. Sov. muz. 25 no. 7 88 Jl '61.

NIKOLAYEV—BOARDING SCHOOLS

Supervising educational and training work in boarding schools. IU. A. Hrytsai. Rad. shk. 40 no. 8 61-64 S '61

NIKOLAYEV—GLUE

Use of the "Flekais" machine for drying carpenter's glue. S. Zakharchuk. Mias. ind. SSSR 32 no. 3 48 '61.

NIKOLAYEV PROVINCE—CONSTRUCTION INDUSTRY

We take on increase obligations. P. Troshyn. Stil'. bud. 11 no. 6:3-4 Je '61.

NIKOLAYEV PROVINCE—EDUCATION

Schools with longer hours should have continuous attention. M. S. Mikhal'chuk. Rad. shk. 40 no. 8-57-61 S '61

NIKOLAYEV PROVINCE—NURSES AND NURSING

Nurses' councils. L. M. Baranovskii, M. D. Zaitseva. Med. sestra 20 no. 6-56-57 Je '61

NIKOLAYEVKA REGION (ALMA-ATA PROVINCE)—FINCHES

Biology of the desert finch Rhodospiza obsoleta Licht. E. I. Gavrilov. Trudy Inst. zool. AN Kazakh. SSR 15:182-183 '61

NILE VALLEY—WATER RESOURCES DEVELOPMENT

The Nile and the Aswan Dam. N. A. Dilin. Priroda 50 no. 8 73-78 Ag '61

NIOBIUM

Saturation with niobium in a solid medium. I. V. Volobuev. Trudy KhPI. 21 Ser. met. no. 4 123-129 '59

NIOBIUM COMPOUNDS

Investigation of the process of cocrystallization of protactinium with complex compounds of titanium, niobium, and tantalum. A. V. Lapitskii, Chzhuan IA-ui, I. A. Savich. Radiokhimiia 3 no. 3 241-245 '61

NITRIC ACID

Determination of free nitric acid in tributyl phosphate solutions of uranyl nitrate [with summary in English] V. M. Mikhailov. Zhur. anal. khim. 16 no. 4 458-461 Jl-Ag '61

Extraction of nitric acid and uranyl nitrate with tri-n-nonylamine and tri-n-decylamine benzene solutions. V. M. Vdovenko, M. P. Koval'skaia, E. A. Smirnova. Radiokhimiia 3 no. 4 103-110 '61.

NITRIFICATION

Methods of regulating nitrification processes in the irrigated carbonate-rich Chernozems of Ciscaucasia. P. E. Prostakov. Sbor. trud. IUzhNIIGiM no. 6:68-90 '58

NITRILES

Effect of substituents on the properties of aromatic nitriles and sulfones [with summary in English] P. P. Shorygin, M. A. Gelderikh, T. I. Ambrush. Zhur. fiz. khim. 34 no. 2 335-342 F '60.

Polymerization of acetonitrile and other nitriles. V. A. Kargin and others. Dokl. AN SSSR 139 no. 3 605-607 Jl '61

NITRITES

Effect of nitrites on the quality of silage [with summaries in English, German, and French] Vest. sel'khoz. nauki 6 no. 7 66-68 Jl '61.

NITRO COMPOUNDS

Heteroorganic analysis by the "wet combustion" method. Report No. 3. Determination of carbon and nitrogen in nitro compounds from a single sample [with summary in English] A. P. Terent'ev, B. M. Luskina. Zhur. anal. khim. 16 no. 4 462-464 Jl-Ag '61

Perekalin, V. V. [Unsaturated nitro compounds] Nepredel'nye nitrosoedineniia. Leningrad, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1961. 335 p.

Study of the structure of unsaturated nitro compounds by the method of dipole moments. V. N. Vasil'eva, V. V. Perekalin, V. G. Vasil'ev. Zhur. ob. khim. 31 no. 7: 2171-2175 Jl '61

NITRO COMPOUNDS—DIPOLE MOMENTS

Dipole moment study of the effect of steric factors on conjugation in the molecules of unsaturated nitro compounds. V. N. Vasil'eva, V. V. Perekalin, V. G. Vasil'ev. Zhur. ob. khim. 31 no. 7:2175-2178 Jl '61

NITROGEN

Determining nitrate nitrogen in soils. P. V. Nosov. Khim. v shkole 15 no. 3 64-66 My-Je '60.

How different sources of nitrogen in combination with phosphorus affect the content of nitrogenous substances and carbohydrates in tobacco [in Armenian with summary in Russian] E. S. Avundzhian. Izv. Upr. sel'khoz. nauki Arm. SSR 4 no. 3 67-75 '61.

Nikolaev, L. A. [Nitrogen, phosphorus, potassium] Azot, fosfor, kalii. Moskva, Izd-vo "Znanie" Vses. ob-va po rasprostraneniiu polit. i nauchn. znanii, 1961. 30 p. (Narodnyi universitet kul'tury. Estestvenno-nauchnyi Fakul'tet, no. 4)

Nitrogen dissociation in the upper atmosphere.- A. D. Danilov. Geomag. i aer. 1 no. 2:174-177 Mr-Ap '61.

NITROGEN—ANALYSIS

Heteroorganic analysis by the "wet combustion" method. Report No. 3. Determination of carbon and nitrogen in nitro compounds from a single sample [with summary in English] A. P. Terent'ev, B. M. Luskina. Zhur. anal. khim. 16 no. 4 462-464 Jl-Ag '61.

NITROGEN—SPECTRA

Luminescence of the lines of atomic nitrogen in the night sky. A. D. Danilov. Geomag. i aer. 1 no. 1:45-48 Ja-F '61.

NITROGEN COMPOUNDS

[Liquid nitrogen fertilizers and their use; collection of articles translated from foreign periodical literature] Zhidkie azotnye udobreniia i ikh primenenie; sbornik perevodov iz inostrannoi periodicheskoi literatury. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 438 p.

NITROGEN METABOLISM

Changes in the nitrogen metabolism of Arshtatt-42 wheat grown in saline soils. B. A. Akopian. Izv. AN Arm. SSR Biol. nauki 14 no. 5:75-80 My '61.

NITROGEN OXIDE

Oxidation of microconcentrations of nitric oxide to nitrogen dioxide by ozone in a gas flow [with summary in English] M. T. Borok. Zhur. fiz. khim. 34 no. 2 277 F '60

Stationary state concentrations of nitric oxide in a glow discharge. Part 3. Part played by the electrodes and the formation of nitrogen oxides in a glow discharge [with summary in English] A. N. Mal'tsev, I. S. Fre...in, V. S. Martem'ianov. Zhur. fiz. khim. 35 no. 7 1503-1505 Jl '61

NITROGLYCERIN

Conditioned reflex reproduction of the effect of nitroglycerin and nitroglycerin in patients with cardiac decompensation, hypertension, and coronary insufficiency [with summary in English] J. Simonyi. Zhur. vyssh. nerv. deiat. 11 no. 4, 125-131 My-Je '61.

NITROMETHANE

Detonation of mixtures of nitromethane with acetone. A. N. Dremin, O. K. Rozanov. Dokl. AN SSSR 139 no. 1, 137-138 Jl '61

NITROSYL CHLORIDE

Interaction of nitrosyl chloride with diallyl and triallyl. K. A. Ogloblin, A. A. Potekhin. Zhur. ob. khim. 31 no. 7, 2448-2449 Jl '61

NIXON, RICHARD MILHAUS, 1913-

Richard Nixon. Robert Vaughan. V zashch. mira no. 8 34-41 Ag '60.

NIZHNIY NOVGOROD GOVERNMENT—TRADE UNIONS

Keller, L. S. [Study of the history of Nizhniy Novgorod Trade Unions, 1905-1912] Ocherk istorii nizhegorodskikh professional'nykh soiuzov; 1905-1912 gg. [Gor'kii] Gor'kovskoe knizhnoe izd-vo, 1961. 156 p.

NIZHNIY TAGIL—LANGUAGES—STUDY AND TEACHING

Retraining of Nizhniy Tagil foreign language teachers. I. I. Kronevat'd. Inostr. iaz. v shkole no. 2 87-91 Mr-Ap '61.

NIZHNYAYA TUNGUSKA see Lower Tunguska Valley

NOGINSK—WORKINGMEN'S CLUBS

So that it would be interesting. Z. Tsyplakova. Kniz. prom. soiuzy 17 no. 15 18-19 Ag '61.

NOISE

Establishing norms of industrial noises. M. M. Il'ichev. Prom. stroi. 39 no. 5 45-46 '61.

More on the struggle against noise. S. Volinshtein. Okhr. truda i sots. strakh. 4 no. 6 32 Je '61

NOISE—PHYSIOLOGICAL EFFECT

Characteristics of auditory adaptation in persons working under noisy conditions. A. A. Arkad'evskii. Biofizika 6 no. 1 102-104 '61.

Effect of pulsating and constant noise on the organism under experimental conditions [with summary in English]. O. P. Shepelin. Gig. i san. 26 no. 5 25-31 My '61

NOMINALISM

Critical evaluation of nominalist trends in present-day bourgeois philosophy in the light of V. I. Lenin's "Materialism and empiric criticism." I. D. Klenov. Trudy TGU 148:66-74 '60

NOMOGRAPHY (MATHEMATICS)

Simplified nomograms for calculating elements determining the starting of a new flight line in large-scale aerial photographic surveying. IA. L. Zimin. Trudy MIIGAIK no. 45:35-41 '61

NONCONTENTIOUS JURISDICTION

The practice of notarial agencies. Sov. iust. no. 14:28 Jl '61.

NON-EUCLIDEAN GEOMETRY see Geometry, Non-Euclidean

NONFERROUS ALLOYS

Belousov, N. N., and V. S. Kolesnikova. [Saving scarce nonferrous alloys; survey] Ekonomiia deflitsitnykh tsvetnykh splavov; obzor. Leningrad (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Serila: Liteinoe proizvodstvo)

Pt. 1, 1961. 58 p.

Pt. 2, 1961. 52 p.

NONFERROUS METALS—METALLURGY see subdivision under Kazakhstan

NONFERROUS METALS—THERMAL PROPERTIES

Oxidability of certain low-melting metals. B. F. Vitkevich. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 3, 90-95 My-Je '61.

NONMETALLIC MATERIALS—TESTING

Methods evaluating the rate of brittle failure in semiconductors. B. A. Drozdovskii and others. Zav. lab. 27 no. 7:888-894 '61.

NONWOVEN FABRICS

Nonwoven fabrics. E. Trel'iakov. Meat. prom. i khod. promys. 2 no. 6:14 Je '61.

NONWOVEN FABRICS (Continued)
Nonwoven fabrics made with flax fibers S. V. Talasov, E. I. Tregubova Tekst. prom. 21 no. 1, 75-77 Ap '61

NORCARANE
Synthesis and pyrolysis of 1-substituted 7, 7-dichloronorcaranes A. D. Petrov, O. M. Nefedov, S. P. Kolesnikov Zhur. VKHO 6 no. 4 471-472 '61

NORIL'SK REGION—INVERTEBRATES, FOSSIL
Rare paleontological remains and traces of life in late Cambrian deposits of the northwestern part of the Siberian Platform. I. D. Miroshnikov, A. G. Kravtsov Trudy NIIGA 111 28-41 '60

NORLUPINANE
New method of synthesizing quinolizidine derivatives. V. I. Gunar, S. I. Zav'yalov Dokl. AN SSSR 139 no. 2: 367-368 Jl '61

NORTH ATLANTIC TREATY ORGANIZATION
Hopeless quests ("The Anglo-American predicament" [in English] by V. G. Allen. Reviewed by I. Vanin) Mezhdunar. zhizn' 8 no. 9: 145-147 S '61
Krikov, P. S., and V. G. Mulin. [Dangerous union, the aggressive bloc of American and West German monopolists] Opasnyi soiuz; agressivnyi blok amerikanskikh i zapadnogermanskikh monopolistov. Moskva, Znanie, 1961. 46 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 7, Mezhdunarodnaia, no. 5)
MB
NATO aggression in Algeria. L. Shokin Voen. vest. 40 no. 4: 111-113 Ap '61.
NATO, shield and sword of the Bonn revenge-seekers. I. Ermashov. Nov. vrem. 16 no. 31: 6-9 Jl '61.

NORTH KAZAKHSTAN PROVINCE—RUSSIAN NEWSPAPERS
Staffed with nonsalaried personnel. L. Razdorskii. Part. zhizn' Kazakh. 31 no. 7: 68 Jl '61.

NORTH KOREA see Korea, North

NORTHERN CAUCASUS see Caucasus, Northern

NORTHERN WAR, 1700-1721
The Lithuanian and White Russian militia during the Northern War, from 1700 to 1704. I. L. Pavlionau Vestsi AN BSSR. Ser. hram. nav. no. 2: 92-101 '61.

NORWAY—DESCRIPTION AND TRAVEL
Norway is not far from us (to be continued). Gennadii Fish. Znamia 31 no. 8: 139-156 Ag '61.

NORWAY—FOREIGN ECONOMIC RELATIONS—CUBA
Norway is not far from us (to be continued). Gennadii Fish. Znamia 31 no. 8: 139-156 Ag '61.

NORWAY—RELATIONS (GENERAL) WITH RUSSIA
Paths of mutual understanding and the road of friendship. Kirill Zemoshkin. Smena 30 no. 14: 18-19 Jl '61.

NORWEGIAN SEA—HERRING
Observations on herring during the expedition of the research submarine "Severtianka." D. V. Radakov. Biul. Okean. kom. no. 6: 39-40 '60

NORWEGIAN SEA—OCEANOGRAPHIC RESEARCH
First cruise of the research ship "Sevastopol" in the Norwegian Sea under the program of the International Geophysical Year. A. P. Alekseev, S. I. Potaichuk. Biul. Okean. kom. no. 6: 45-49 '60.
Second cruise of the research ship "Sevastopol" in the Norwegian Sea under the program of the International Geophysical Year. G. N. Zaitsev, S. I. Potaichuk. Biul. Okean. kom. no. 6: 50-54 '60

NOTARIES
The practice of notarial agencies. Sov. iust. no. 14: 28 Jl '61.

NOVAYA ZEMLYA—POLYZOA, FOSSIL
Middle Devonian Bryozoa of the western Arctic (Novaya Zemlya and Vaygach Island). L. V. Nekhoroshева Sbor. st. po paleont. i biostrat. no. 19: 18-23 '60.

NOVAYA ZEMLYA—WATER BIRDS
Wintering of birds in the northern part of Novaya Zemlya. V. T. But'ev. Ornitologiia no. 2: 99-101 '59.

NOVGOROD—DESCRIPTION
Ancient Novgorod gives a warm welcome to tourists. Iu. Prosin, A. Babadzhanian. Vnesh. torg. 41 no. 6: 33-35 '61

NOVGOROD—TOURISM
Ancient Novgorod gives a warm welcome to tourists. Iu. Prosin, A. Babadzhanian. Vnesh. torg. 41 no. 6: 33-35 '61.

NOVGOROD PROVINCE—BANKS AND BANKING
Checking the fulfillment of assignments in reducing construction costs. M. Zabreiko. Fin. SSSR 22 no. 3: 83-84 Mr '61.

NOVGOROD PROVINCE—CONSTRUCTION INDUSTRY—COSTS
Checking the fulfillment of assignments in reducing construction costs. M. Zabreiko. Fin. SSSR 22 no. 3: 83-84 Mr '61.

NOVGORODOV, SEMEN ANDREEVICH, 1693-1924
Dmitriev, S. K. [The life and activities of S. A. Novgorodov; from the history of the creation of the Yakut literature and press] Zhizn' i deiatel'nost' S. A. Novgorodova. Iakutsk, Iakutskoe knizhnoe izd-vo, 1960. 85 p. (Iz istorii sozdaniia iakutskoi pis'mennosti i pechati)
(NjP)

NOVOAYDAR DISTRICT—GEOLOGY, STRATIGRAPHIC
Sediments of the Moscovian stage of the north Luganskoy well. V. O. Vitenko, V. O. Pokrebniak, R. IA. Poliak Geol. zhur. 21 no. 3: 87-93 '61.

NOVOCAINE
Effect of novocaine block of the right vagosympathetic nerve on interoceptive conditioned reflexes from the gall bladder [with summary in English]. V. H. Zapadniuk Fiziol. zhur. [Ukr.] 7 no. 4: 514-519 Jl-Ag '61.
Treatment of patients with thermal burns with a biological film cover. A. N. Berkutov, K. A. Nurishchenko. Voen.-med. zhur. no. 8: 44-45 Ag '60.
Treatment of peptic ulcer by rectal administration of novocaine in combination with balneotherapy. S. O. Badyl'kes, E. B. Vygodner, M. R. Vinogradova. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 3: 214-218 My-Je '61

NOVO-DONETSKAYA—SCHOOL GARDENS
Let's make extensive use of the Novo-Donetskaya school experience. V. V. Bodrukhin. Nach. shkola 29 no. 6: 9-14 Je '61.

NOVOGEORGIEVSK DISTRICT—GEOGRAPHY, ANCIENT—MAPS
Materials for the archaeological map of Novogeorgievsk District, Kirovograd Province. P. M. Hrybenko. Mat. z arkheol. Pivn. Prychor. no. 3: 155-166 '60

NOVOGRAD-VOLYNSKIY DISTRICT—PIONEERS (COMMUNIST YOUTH)
Council of friends of the Pioneer organization. S. IA. Dem'ianchuk. Rad. shk. 40 no. 5: 61-62 My '61

NOVOKUYBYSHEVSK—LIBRARIES, CHILDREN'S
How we work. A. Krukova. Bibliotekar' no. 7: 39 Jl '61.

NOVOPOKROVKA DISTRICT—RURAL LIBRARIES
Everybody is informed about the achievements of progressive farmers. V. Labunets. Sov. deput. trud. no. 8: 32 Ag '61.

NOVOSIBIRSK—AGGREGATES (BUILDING MATERIALS)
Porous aggregates made from the ashes of a heat and electric power plant. I. Ivanov, M. Balakhnin. Na stroi. Ros. no. 5: 26 My '61.

NOVOSIBIRSK—EVENING AND CONTINUATION SCHOOLS
Manufacturing visual aids with the help of night school students. K. D. Dorofeeva. Sred. spets. obr. 8 no. 7: 31-33 Jl '61.

NOVOSIBIRSK—MUNICIPAL SERVICES
City on the Ob'. M. Fedin. Zhil.-kom. khoz. 11 no. 6: 5-6 Je '61.

NOVOSIBIRSK—PRECAST CONCRETE
Assembling molding units. I. Cherniavskii. Na stroi. Ros. no. 5: 28-30 My '61.

NOVOSIBIRSK—STEEL INDUSTRY
Shpanova, L. G. [A party committee and the brigades of communist labor] Partiinyi komitet i brigady kommunisticheskogo truda. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 78 p.

NOVOSIBIRSK—WALNUT
Manchurian walnut in Novosibirsk. A. V. Skvortsova. Trudy Bot. sada Zap.-Sib. fil. AN SSSR no. 1: 23-25 '58.

NOVOSIBIRSK—WORLD WAR, 1939-1945
The heroic work of Novosibirsk workers during the Great Patriotic War. M. R. Akulov. Ist. SSSR 5 no. 4: 115-122 Jl-Ag '61.

NOVOSIBIRSK PROVINCE—BARNS
Building farms with loose housing of cattle. N. Makhov, I. Litvinenko. Sel'. stroi. 16 no. 6: 4-5 Je '61.

NOVOSIBIRSK PROVINCE—BIOLOGY—STUDY AND TEACHING
Methodological associations help the biology teachers. I. A. Fesenko, E. G. Beiman. Biol. v shkole no. 4: 37-38 Jl-Ag '61.

NOVOSIBIRSK PROVINCE—PRECAST CONCRETE CONSTRUCTION
Precast reinforced concrete in rural construction in Novosibirsk Province. P. M. Protsenko, I. T. Litvinenko. Bet. i zhel.-bet. no. 7: 296-299 Jl '61.

NOVOSIBIRSK RESERVOIR—FISHERIES
Novosibirsk Reservoir. A. N. Petkevich Izv. VNIORKH 50: 197-212 '61

NOVO-VARSHAKA (OMSK PROVINCE)—POLITICS AND GOVERNMENT
Buluchevskii, V. K., and IA. N. Tupal. [The Novo-Varshavka Village Soviet] Novo-Varshavskii sel'skii Sovet. Moskva, Gos. izd-vo iurid. lit-ry, 1956. 54 p.

NOVYYE CHEREMUSHKI—APARTMENT HOUSES
Panel and cantilever constructed house. Sb. of Arkhit. Mosk. 10 no. 5: 3 of cover My '61.

NOVYYE CHEREMUSHKI—FACTORIES
New industrial building. B. Orlovskii. Stroi. i arkhit. Mosk. 10 no. 5: 20-23 My '61.

NOVYYE CHEREMUSHKI—SOUNDPROOFING
Soundproofing exterior elements of apartment houses in Novyye Cheremushki. V. N. Nikol'skii, G. L. Osipov. Izv. ASIA no. 1: 87-94 '61.

NUCLEAR COUNTERS
Mechanism of the operation of a proportional counter. G. A. Korolev, G. E. Kocharov Izv. AN SSSR. Ser. fiz. 25 no. 7: 866-870 Jl '61
Optimum operating conditions of a DA-55 installation for alpha-particle counting. D. M. Mambetov Izv. AN Kir. SSR. Ser. est. i tekh. nauk 3 no. 1: 147-152 '61
Relative and "absolute" radioactivity measurements. P. I. Chalov Izv. AN Kir. SSR Ser. est. i tekh. nauk 3 no. 1: 163-165 '61
Spivak, P. E., and others. [Studying the beta-decay of a neutron] Issledovanie beta-raspada neitrona. Moskva, 1955. 20 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

NUCLEAR ENGINEERING
[Nuclear engineering abroad.] Atom. tekh. za rub. 6 no. 7: 1 Jl '61.

NUCLEAR FISSION
Anisotropy in the fission of bismuth and uranium irradiated by 660 Mev protons [with summary in English] A. I. Obukhov, N. A. Perfilov. Zhur. eksp. i teor. fiz. 40 no. 5: 1250-1252 My '61
Calculating the wave functions and oscillator strength of complex atoms. L. A. Vainshtein. Trudy Fiz. inst. 15: 3-54 '61.
Charge distribution of fragments in nuclear fission [with summary in English]. P. A. Gorichev, O. V. Lozhkin, N. A. Perfilov. Zhur. eksp. i teor. fiz. 41 no. 1: 35-37 Jl '61.
Excitation of nuclear rotational levels in μ-mesonic atom transitions [with summary in English] G. E. Belovitskii Zhur. eksp. i teor. fiz. 41 no. 1: 66-70 Jl '61
Fission of antimony nuclei induced by high energy protons [with summary in English]. A. K. Lavrukhina and others. Zhur. eksp. i teor. fiz. 40 no. 2: 409-418 F '61.
Geilikman, B. T. [Some problems of nuclear fission theory] Nekotorye voprosy teorii deleniia iadra. Moskva, 1955. 11 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)
Spivak, P. E., and B. G. Erozolimskii. [Measuring the coefficient of neutron multiplication (effective number of secondary neutrons) for fissionable uranium and plutonium isotopes, using thermal neutrons for fission] Izmerenie koeffitsienta razmnozheniia neitronov (effektivnogo chisla vtorichnykh neitronov) dlia delia-shchikhsia izotopov urana i plutoniia pri delenii na teplovykh neitronakh. Moskva, 1955. 16 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)
Spivak, P. E., and others. [Measurement of resonance absorption integrals for various substances and of the multiplication coefficient (effective number of secondary neutrons) of resonance neutrons for fissionable isotopes] Izmerenii rezonansnykh integralov pogla-shcheniia dlia razlichnykh veshchestv i koeffitsienta razmnozheniia (effektivnogo chisla vtorichnykh neitronov) na rezonansnykh neitronakh dlia delliashchikhsia izotopov. Moskva, 1955. 13 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)
Spontaneous fission of Am^{241} [with summary in English]. V. A. Druin, V. L. Mikheev, N. K. Skobelev. Zhur. eksp. i teor. fiz. 40 no. 5: 1261-1262 My '61.
Spontaneous fission periods for Np^{237}, Pu^{239}, and Pu^{242} [with summary in English]. V. A. Druin, V. P. Perelygin, G. I. Khlebnikov Zhur. eksp. i teor. fiz. 40 no. 5: 1296-1298 My '61.
Triple fission of uranium nuclei by fast neutrons [with summary in English]. N. A. Perfilov, Z. I. Solov'eva, R. A. Filov. Zhur. eksp. i teor. fiz. 41 no. 1: 11-12 Jl '61

NUCLEAR INDUCTION
Measuring the components of the intensity of the earth's magnetic field by the method of free nuclear induction. V. N. Studentsov, T. N. Tikhomirova, B. M. IAnovskii. Trudy inst. Kom. stand., mer. i izm. prib. no. 43: 52-55 '60.

NUCLEAR MAGNETIC RESONANCE AND RELAXATION

Nuclear resonance of Sn^{119} in metallic tin [with summary in English] IU S Karimov, I F Shchegolev Zhur. eksp i teor fiz 40 no 5 1289-1292 My '61

Problem of the hyperfine structure due to the interaction of an S-electron with the magnetic moment of a displaced nucleus L. A. Shul'man. Uch. zap Tadzh. un. 18 73-87 '58.

Relaxation absorption of electromagnetic energy in the antiferromagnetic substance $CoCl_2$ [with summary in English] R T Mina Zhur eksp i teor. fiz 40 no 5: 1293-1295 My '61

Remark on $\Pi\Lambda$-resonance. A. I. Liubimov. Zhur. eksp. i teor fiz 40 no 5 1520-1522 My '61

Studying the reorientation of the guanidinium ion in the ferroelectric $C(NH_2)_3 \quad Al(SO_4)_2 \quad 6H_2O$ by the nuclear magnetic resonance method [with summary in English] A. G Lundin, G M Mikhailov, S P Gabuda Zhur eksp i teor fiz. 40 no 5:1282-1288 My '61

Use of nuclear magnetic resonance in measuring the coil constant of magnetic field intensity N V Studentsov, T N Tikhomirova, B. M IAnovskii Trudy inst Kom stand , mer i izm. prib no 43 43-51 '60

NUCLEAR MODELS

Analysis of cosmic ray showers produced by high-energy primary particles according to the nucleon excitation model [with summary in English] L. A. San'ko, Zh S Takibaev, P A Usik Zhur. eksp. i teor fiz 41 no 1 139-145 Jl '61.

Basic properties of a superfluid nuclear model V. G Solov'ev Dokl AN SSSR 139 no. 4 847-850 Ag '61

Calculating the cross sections of elastic scattering for 5-45 Mev. protons according to the optical nuclear model [with summary in English]. R A. Vanetsian and others. Zhur. eksp i teor fiz 40 no 4,1199-1202 Ap '61

Calculating the neutron cross sections for tungsten with the aid of an optical nuclear model V. A. Tolstikov, V E Kolesov, V S Stavinskii Atom energ 11 no 1: 56-58 Jl '61.

Dynamic effect of the nuclear volume in conversion M1-transitions of even-even nuclei in the nonaxial rotator model and in the vibrational nuclear model [with summary in English] D. P. Grechukhin Zhur eksp i teor fiz 40 no 4:1185-1189 Ap '61

Fermion mass in the Υ 5-invariant model in the quantum field theory B A Arbuzov, A N Tavkhelidze, R N Faustov Dokl AN SSSR 139 no 2:315-317 Jl '61

Particle mass in the one-dimensional model with four-fermion interaction [with summary in English] V G Vaks, A I Larkin Zhur eksp i teor fiz 40 no 5, 1392-1398 My '61

Shell model and the shift of single-particle levels in nuclei of the "core + nucleon" type due to the addition of a nucleon pair [with summary in English] V E Asribekov Zhur eksp i teor fiz 41 no. 1 171-182 Jl '61

Unstable particle in the Lee model [with summary in English]. IA. B. Zel'dovich. Zhur. eksp i teor fiz 40 no. 4:1155-1159 Ap '61

NUCLEAR PHOTOGRAPHY see Photography, Particle track

NUCLEAR PHYSICS

Chechulin, A. A. [Physics of the atom, the atomic nucleus, and elementary particles] Fizika atoma, atomnogo aidra i elementarnykh chastits, uchebnoe posobie po obshchemu kursu fiziki. Leningrad, Severo-Zapadnoi zaochnyi politekhn. in-t, 1960. 152 p.

austibility of electrons in
of present-day physics
'7 149 178-184 '60

NUCLEAR PHYSICS—CONGRESSES

Exploration of the nucleus. A. I. Baz', L. D Puzikov, Priroda 50 no. 8:59-62 Ag '61

NUCLEAR REACTIONS

Author's corrections to the article entitled "Links between the matrices of various transitions, and multiple processes B T Vavilov Zhur eksp. i teor fiz. 41 no 1 307-309 Jl '61.

Calculating the cross sections of the products of the spallation reaction. V. I. Baranovskii, A. N. Murin. Izv AN SSSR. Ser. fiz. 24 no. 7. 882-892 Jl '61

Circular polarization of γ-quanta in the B^{10} (d, pγ) B^{11} reaction. J Zimányi and others. Zhur. eksp. i teor. fiz. 40 no 2.709-711 F '61.

Deviations from the $1/v$ law of the cross sections of slow neutron reactions on light nuclei [with summary in English]. A. A. Bergman, F L. Shapiro Zhur eksp. i teor. fiz. 40 no. 5:1270-1281 My '61

Effect of the loss of momentum and energy by a photon in the generation or annihilation of an exciton E F. Gross. Fiz. tver. tela 3 no. 6 1899-1903 Je '61.

Energy dependence of scattering cross sections near the "threshold" of the generation of an unstable particle [with summary in English] A. I. Baz'. Zhur. eksp i teor fiz. 40 no. 5:1511-1515 My '61.

Estimation of the upper limit of the charge exchange cross section in pn-interaction at 9.5 Bev. [with summary in English]. V. A Nikitin, E N TSyganov Zhur eksp i teor. fiz. 40 no 4:1027-1030 Ap '61

Excitation of nuclei by muons in heavy mesonic atoms [with summary in English] V M Novikov Zhur eksp i teor fiz 41 no 1 276-280 Jl '61

Excited levels of Ne^{22} [with summary in English] A M Romanov, E. V. Miakinin, M P Konstantinova Zhur eksp i teor. fiz 41 no 1 61-65 Jl '61

$\Lambda\Sigma$-Interaction and the cross-sectional ratio of the reactions $\Sigma N \to \Lambda^{\circ} N$ at and energy of 290 Mev IU A Batusov and others Zhur eksp i teor fiz 40 no 5: 1528-1530 My '61

Interaction of 14.1 Mev neutrons with Be^9 [with summary in English] S A. Miachkova, V P Perelygin Zhur. eksp i teor fiz 40 no 5:1244-1249 My '61

Interaction of 660 Mev protons with carbon, nitrogen and oxygen nuclei [with summary in English]. N. A. Perfilov, IU I. Serebrennikov, Zhur. eksp. i teor. fiz. 40 no. 2 400-408 F '61.

Investigation of the Coulomb excitation of nuclear levels by the aid of accelerated multiply charged ions D S, Andreev and others Izv AN SSSR Ser fiz. 25 no 7 832-837 Jl '61

Matrix element in the π+N-π+π+π+N reactions at low energies O I Zavialov, V P Pavlov Dokl AN SSSR 139 no 1:79-82 Jl '61

Maximum charge for a given mass in the bound state [with summary in English] V N Gribov, IA B Zel'dovich, A. M. Perelomov. Zhur. eksp. i teor fiz. 40 no. 4:1190-1198 Ap '61

Mechanism of photonuclear reactions [with summary in English]. A. M. Badalian, A. I. Baz'. Zhur. eksp. i teor fiz 40 no. 2.549-552 F '61

Neutron emission from strongly excited nuclei [with summary in English]. A. S. Karamian, G. A. Dorofeev, D. S Klochkov, Zhur eksp i teor. fiz. 40 no. 4:1004-1006 Ap '61.

Neutron yield in the reaction of tritons with fluorine and aluminum nuclei [with summary in English] A K Val'ter and others. Zhur. eksp i teor. fiz 40 no. 5: 1237-1243 My '61

Neutrons from the C^{12} (t, n) reaction [with summary in English]. P I Vatset, I IA. Kolesnikov, S G. Tonapetian Zhur. eksp i teor fiz 40 no. 5:1257-1260 My '61.

Nucleon-nucleon interaction at 9 Bev. [with summary in English] I. M Gramenitskii and others Zhur. eksp i teor. fiz. 40 no. 4:1093-1100 Ap '61

π + d $\rightleftarrows$ 2N process according to the dressed particles method [with summary in English] M A. Braun Zhur eksp. i teor. fiz. 40 no. 4.1179-1184 Ap '61.

Radiation, absorption, and reabsorption of γ-quanta by nuclei of impurities enclosed in a solid solution. I P. Dzub, A. F. Lubchenko Izv. AN SSSR Ser. fiz 25 no. 7 893-900 Jl '61

Relativistic general theory of reactions of the type a + b $\to$ c + d + e + ... [with summary in English] M I Shirokov Zhur. eksp i teor fiz 40 no 5.1387-1391 My '61.

Resonant charge exchange in hydrogen and sodium [with summary in English] IU E. Murakhver Zhur eksp i teor. fiz. 40 no 4 1080-1084 Ap '61.

Search for anomalies in the energy dependence of the cross section of the reaction p + p $\to$ d + Π^+ + in the threshold region of the formation of Π-meson pairs. IU K. Akimov, O V. Savchenko, L M Soroko Zhur. eksp i teor. fiz 40 no. 5,1530-1532 My '61.

Search for anomalies in the spectrum of H^3 nuclei emitted in the reaction p + d $\to$ H^3 + Π^+ + Π^0 at a proton energy of 670 Mev IU K. Akimov and others Zhur eksp i teor. fiz. 40 no 5: 1532-1535 My '61.

Search for near-threshold anomalies in the energy dependence of the total cross section of proton interaction. I M. Vasilevskii, IU. D Prokoshkin, V. I. Rykalin Zhur. eksp i teor fiz. 40 no. 5;1524-1525 My '61.

Some isotopic relations for πN-$\pi\pi$N reactions [with summary in English]. V. N. Strel'tsov, Zhur. eksp. i teor. fiz. 40 no. 4:1140-1142 Ap '61.

Stripping reaction with excitation of spin levels. I. S. Osad'ko. Vest. Mosk. un. Ser. 3. Fiz., astron. 16 no. 3:62-65 My-Je '61.

Stripping reactions on Zr^{90} and Zr^{91} nuclei [with summary in English] N. I. Zaika, O F. Nemets. Zhur eksp. i teor. fiz. 40 no. 4.1019-1021 Ap '61

Studying the levels of P^{31} by the aid of the Si^{30} ($p\gamma$)P^{31} reaction A K. Val'ter and others. Izv. AN SSSR. Ser. fiz. 25 no. 7 854-861 Jl '61.

Theory of systems of interacting Fermi particles. R. A. Suris Fiz tver. tela 3 no. 6 1795-1807 Je '61.

Use of nuclear reaction (α, n) for the determination of certain elements in solutions. I N Plaksin and others. Dokl. AN SSSR 139 no. 2:424-426 Jl '61.

NUCLEAR REACTORS

Alikhanov, A. I., and others. [Heavy water experimental reactor for physical research] Opytnyi fizicheskii reaktor s tiazheloi vodoi. Moskva, 1955. 15 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Analysis of elements of protective walls in buildings of nuclear plants E G Khlebynin Sbor trud MISI no 36,58-100 '61

Bat', G. A. [Designs of heterogeneous reactors with a small number of moderator blocks] Raschety geterogennykh reaktorov s nebol'shim chislom blokov. Moskva, 1955. 8 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Buildings for research reactors. V. B Dubrovskii trud. MISI no 36:16-57 '61

Designing protective shells for nuclear reactors I Shershnev Sbor trud MISI no 36:101-110 '61

Galanin, A. D. [Critical size of a heterogeneous reactor with a small number of moderator blocks] Kritich. razmer geterogennogo reaktora s malym chislom blokov. Moskva, 1955. 10 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Galanin, A. D. [Effectiveness of power regulators in thermal neutron reactors] Effektivnost' regulirovaniia v reaktore na teplovykh neitronakh. Moskva, 1955. 11 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Galanin, A. D. [Using the method of effective boundary conditions for calculating the critical size of a reactor] Ispol'zovanie metoda effektivnykh granichnykh uslovii dlia rascheta kriticheskikh razmerov, reaktora. Moskva, 1955. 8 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Kruzhilin, G. N. [Reactor for physical and technological studies] Reaktor dlia fizicheskikh i tekhnologicheskikh issledovanii. Moskva, 1955. 43 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Nikolaev, IU. G. [Thermal-research reactor of a capacity of 2000 kw.] Iadernyi reaktor dlia issledovatel'skikh tselei moshchnost'iu 2000 kvt po teplu. Moskva, 1955. 10 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Some neutron physics calculation methods in the design of power reactors N. N. Ponomarev-Stepnoi, E S Glushkov. Atom. energ 11 no 1,10-20 Jl '61

Study of the physical characteristics of the lattice of a uranium-graphite reactor with the aid of a model of the insert, IU IU Glazkov and others. Atom energ 11 no. 1:5-11 Jl '61.

Usachev, L. N. [Equation covering the importance of neutrons, reactor kinetics, and the perturbation theory] Uravnenie dlia tsennosti neitronov, kinetika reaktora i teoriia vozmushchenii. Moskva, 1955. 21 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

NUCLEAR REACTORS—MATERIALS see subdivision under Poland

NUCLEAR RESEARCH

IAkovlev, G. N., and others. [Analytical laboratory] Gorluchaia analiticheskaia laboratoriia. Moskva, 1955. 16 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Kuznetskin, S. S., and V. V. Matveev, eds. [Apparatus for nuclear spectrometry, collection of scientific and technical articles] Apparatura dlia iadernoi spektrometrii; nauchno tekhnicheskii sbornik. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhniki.
No. 1. 1960. 131 p.

NUCLEAR SPIN

Calculation of the spin-lattice relaxation time for F^{19} nuclei in molecular crystals [with summary in English] F N Alekseandrov, G. M. Zhidomirov. Zhur eksp i teor fiz 41 no. 1:127-132 Jl '61.

One method for finding the distribution function of the energy levels in the spin system of nonmetallic paramagnetics. A. S. Kuznetsov. Uch. zap. Tad. un. 15 71-72 '58.

Possibility of the generation and amplification of hypersound in paramagnetic crystals [with summary in English]. U. Kh Kopvillem, V D Konopanov. Zhur. eksp. i teor. fiz. 41 no. 1,211-213 Jl '61.

Rotational states of odd nuclei with small nonaxiality [with summary in English] A. S Davydov, R. A Sardarian. Zhur. eksp i teor. fiz 40 no 5,1423-1428 My '61.

Scattering of low-energy photons on a spin 1/2 system [with summary in English]. V. A. Petrun'kin Zhur. eksp. i teor. fiz. 40 no. 4:1148-1154 Ap '61.

NUCLEI, ATOMIC

Calculating the moments of inertia of nuclei [with summary in English]. S. T. Belinev. Zhur. eksp. i teor. fiz 40 no. 2:672-675 F '61.

Cross section of the production of hypernuclei in photoemulsions by 9 bev. protons [with summary in English] I B. Berkovich and others. Zhur. eksp. i teor. fiz 41 no. 1:75-77 Jl '61.

Dispersion formulas which take optical interaction into account [with summary in English]. V. I. Serdobol'skii. Zhur. eksp. i teor. fiz. 40 no. 2 590-596 F '61.

NUCLEI, ATOMIC (Continued)

Excitation of nuclei in heavy μ-mesic atoms [with summary in English] D F Zaretskii, V M Novikov Zhur eksp i teor fiz 41 no 1 211-221 Jl '61

Form of atomic nuclei and excited states of zero spin levels. A.S.Davydov, V.S.Rostovskii, A.A.Chuban. Vest.Mosk.un.Ser.3 Fiz., astron. 16 no.3 66-74 My-Je '61.

Groshev, L. V., B. P. Adiasevich, and A. M. Demidov. [Investigation of gamma rays emitted by nuclei in the capture of thermal neutrons] Issledovanie gamma-luchei, ispuskaemykh iadrami pri zakhvate teplovykh neitronov. Moskva, 1955. 36 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Nemirovskii, P. E. [Theory of a semitransparent nucleus with a blurred edge] Teoriia poluprozrachnogo iadra s razmytym kraem. Moskva, 1955. 18 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

New results achieved in the theory of nonspherical nuclei A S Davydov Izv AN SSSR Ser. fiz 25 no 7 782-791 Jl '61

Parameters of the dipole polarizability of atomic nuclei. S.F.Semenko. Vest.Mosk.un.Ser.3 Fiz., astron. 16 no.3 75-82 My-Je '61

Pasechnik, M. V. [Inelastic scattering of fast neutrons by atomic nuclei] Neuprugoe rasseianie bystrykh neitronov atomnymi iadrami. Moskva, 1955. 14 p. (Doklady, predstavlennye USSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

"Physical nuclear chemistry" by U. Schindewolf. Reviewed by K. V. Astakhov Zhur fiz. khim 34 no 2 480-481 F '60.

Possible observation of He^8 nuclei. O. V. Lozhkin, A. A. Rimskii-Korsakov Zhur. eksp i teor fiz 40 no 5:1519-1520 My '61

Properties of strongly deformed nuclei [with summary in English] Liu Jüan' [Liu Yuan] and others Zhur eksp i teor. fiz. 40 no 5 1503-1510 My '61,

Resonance scattering of γ-quanta by nuclei enclosed in a solid I. P. Dzub, A. F. Lubchenko Izv. AN SSSR Ser fiz. 25 no 7 901-908 Jl '61.

Spheres of action of quenching in the case of energy transfer between triplet levels. V. I. Ermolaev Dokl AN SSSR 139 no 2:348-350 Jl '61.

NUCLEI, ATOMIC—SPECTRA

Nonadiabatic corrections to the rotational spectrum of atomic nuclei [with summary in English]. Iu. T. Grin' Zhur eksp i teor fiz 41 no 1 222-225 Jl '61

NUCLEIC ACIDS

Belozerskii, A. N. [Nucleic acids and their biological importance] Nukleinovye kisloty i ikh biologicheskoe znachenie. Moskva, Izd-vo "Znanie," 1961. 40 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 7, Biologiia i meditsina, no. 11)

Effect of ribonucleic acid on the working capacity of the neuromuscular preparation of a rat N. A. Smirnova, V. G. Ovechkin Nauch. dokl. vys. shkoly, biol. nauki no 3 93-97 '61

NUCLEONS

Complete set of experiments for determining the relations between the amplitudes for production of Δ-mesons by nucleons with various isotopic spins [with summary in English]. K. S. Marish, L. M. Soroko. Zhur. eksp. i teor. fiz 40 no. 2 605-612 F '61.

Determination of the π-meson-nucleon interaction constant from the differential cross sections of elastic pp-scattering [with summary in English] Iu M Kazarinov and others Zhur eksp i teor fiz 41 no 1 197-198 Jl '61

Nucleon correlations and photonuclear reactions Part I Photodisintegration of He^4 [with summary in English] G M. Shklyarevskii Zhur. eksp. i teor fiz 41 no 1: 234-236 Jl '61

Nucleon-nucleon interaction at 9 Bev. [with summary in English]. I. M. Gramenitskii and others. Zhur eksp i teor. fiz. 40 no 4:1093-1100 Ap '61

Nucleon-nucleon interactions at an energy level of $E \approx 10^{11}$ ev [with summary in English]. I. M. Dremin, D. S. Chernavskii Zhur. eksp. i teor. fiz 40 no 5: 1333-1337 My '61.

NUCLEONS—SCATTERING

Angular correlations in inelastic scattering of high-energy nucleons [with summary in English]. G. L. Vyazitskii Zhur eksp. i teor. fiz. 40 no 5:1399-1403 My '61.

NUCLEOTIDES

Decomposition of polynucleotides and their precursors caused by gamma radiation. A. V. Savich, M. I. Shal'nov. Radiobiologiia 1 no. 1:23-29 '61.

NUCLEUS (CELLS) see Cell nuclei

NUKUS REGION—EXCAVATIONS (ARCHAEOLOGY)

Archaeological explorations at the ancient site of Tok-Kala in 1959. A. V. Gudkova, V. N. IAgodin. Obshchestv. nauki v Uz. no. 5 49-58 '61

NUMBERS, THEORY OF

Binary problems in the additive theory of prime numbers in connection with I. M. Vinogradov's method of trigonometric sums [with summary in English] A. F. Lavrik Vest LGU no 13 11-27 '61

Estimation of one trigonometric sum [with summary in English] S. S. Lebedev. Vest Mosk un Ser. 1 Mat., mekh 16 no 3:22-28 My-Je '61

Integration on one bicompact ring, and applications to the theory of numbers. I. V. Novoselov Izv. vys. ucheb zav., mat. no 3:66-79 '61

One variant of the proof of the Goldbach-Vinogradov theorem. M. A. Subkhankulov. Uch. Zap. Tadzh. un. 18 39-43 '58.

NUMISMATICS

Collection of Kiev grivnas in the Odessa Archaeological Museum I. I. Bala Mat. z arkheol. Prvn. Pivdni no 3 253-259 '60

NUMMULITES

Second All-Union Conference of Specialists on Nummulites. B. F. Zernetskyi. Geol. zhur 21 no. 3 113-115 '61.

NURSERIES (HORTICULTURE) see subdivision under Moscow

NURSERY SCHOOLS

New model plans for schools and children's institutions. S. Zmeul, V. Sheatopalov. Na stroi. Ros. no. 5 5-7 My '61.

NURSES AND NURSING

(see also subdivision under Leninakan; Nikolayev Province; Ryazan; Saratov)

Work of the visiting district nurse in caring for children during the first year of life R. I. Arkad'eva Fel'd. i akush 26 no 6 41-47 Je '61.

NUTHATCHES

Specific independence of rock nuthatches (Sitta neumayer Michah., Sitta tephronota Sharpe). L. S. Stepanian. Trudy Inst. zool. AN Kazakh. SSR 15:139-142 '61

NUTRITION

Conference of the Transcaucasian Republics on problems in nutritional hygiene. A. B. Arutiunov. Vop. pit 19 no. 2:92-95 Mr-Ap '60

"Fundamentals of effective nutrition" by A. I. Shtenberg Reviewed by M. S. Marshak Vop pit 19 no 2:89-91 Mr-Ap '60.

Leningrad. Institut radiatsionnoi gigieny. [Problems in the hygiene and physiology of nutrition; collection of articles] Voprosy gigieny i fiziologii pitaniia; sbornik trudov. Pod red. B. I. Kadykova. Leningrad, 1960. 114 p. (DNLM)

NUTS (MACHINERY) see Bolts and nuts

NYLON

(see also subdivision under Zaporozh'ye Province)

Fel'dman, D. L. [Using capron in industry; practice of the Zaporozh'ye "Kommunar" Automobile Plant] Primenenie kaprona v promyshlennosti; opyt Zaporozhskogo avtomobil'nogo zavoda "Kommunar", stenogramma lektsii. Leningrad, 1961. 43 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Serila. Mekhanicheskaia obrabotka metallov)

Methods of processing capron, and its physical and mechanical properties D. I. Fel'dman, A. M. Skliarskii Plast. massy no. 8:35-38 '61.

Press used in molding capron N. Lavrent'ev. Mashinostroitel' no 8 37 Ag '61.

Strength of irradiated oriented and not oriented nylon (from "Journ. Polymer Sci.," no 143, 1960) Plast. massy no. 7:73 '61

NYLON—TESTING

Changes in dimensions of capron bushings in some media L. M. Abramov, B. A. Shipilevskii Izv vys. ucheb zav., mashinostr. no. 6, 111-118 '61

Investigating the effect of graphite addition on the wear resistance of capron bushings. N. V. Dneval', V. I. TSekov Izv vys uchcb. zav., mashinostr no 6: 119-121 '61

OAK

(see also subdivision under Moscow; Moscow region)

Biological characteristics of late and early leafing types of English oak A. G. Topchiev, A. P. Travleev, L. G. Apostolov. Les. khoz. 14 no 7:67-68 Jl '61.

Effect of mixed organic-mineral fertilizers and intertillage on microbiological processes in the rhizosphere of oak. Li Sian'-dun, Li Hsien-tung. Agrobiologiia no. 4:590-604 Jl-Ag '61.

An important ecological form of red oak I. N. Uchel'skyi. Visnyk sil'hosp nauky 4 no. 3:108-110 Ag '61.

Intraspecific relationships in the English oak (Quercus robur L.) M. V. Kolesnichenko. Dokl AN SSSR 139 no 3:740-741 Jl '61.

Make way for the red oak. A. I. Lavrukhin. Les. khoz. 14 no 7:69 Jl '61.

OATS

A new kind of oat groats N. Fainberg. Muk.-elev. prom 27 no 4:17 Ap '61

OATS—WATER REQUIREMENTS

Effect of trace elements on the carbohydrate and protein metabolism of oats under different moisture conditions [in Azerbaijani with summary in Russian]. M. R. Rustambekov, G. A. Rzaev Izv. AN Azerb. SSR. Ser. biol i med. nauk no. 4:3-12 '61.

OB' VALLEY—DIVERS (BIRDS)

Observations on divers in the lower Ob' Valley. V. I. Abramov. Ornitologiia no. 2:109-110 '59.

OB' VALLEY—FISHERIES

Measures for enriching the raw material supply of waters in the Ob'-Irtysh Basin. B. K. Moskalenko Ryb khoz 37 no 6:16-22 '61

OB' VALLEY—PETROLEUM GEOLOGY

Relationship between the reservoir properties, composition, and structure of lower Cretaceous sediments of the middle Ob' Valley E. G. Sorokina Trudy SNIIGGIMS no 9 45-55 '60

OBOLON' DISTRICT—EDUCATION, ELEMENTARY

Psychological training of primary school students for work S. G. Reutova Rad. shk 10 no. 5 21-26 My '61.

OBRUCHEV, SERGEI VLADIMIROVICH, 1891-

On the 70th anniversary of S. V. Obruchev's birthday. G. S. Ganeshin, IU. F. Chemekov Izv. Vses. geog. ob-va 93 no 4,341-344 Jl-Ag '61

OBRUCHEV, VLADIMIR AFANAS'EVICH, 1863-1956

Geograficheskoe obshchestvo SSSR. [Reports at the annual lectures commemorating V. A. Obruchev; I-V, 1956-1960] Doklady na ezhegodnykh chteniiakh pamiati V. A. Obrucheva, I-V, 1956-1960. Moskva, Izd-vo Akad. nauk SSSR, 1961. 102 p.

OBSESSIONS

Ozeretskovskii, D. S. [Obsessive states] Navyazchivye sostoianiia. Moskva, Medgiz, 1960. 166 p. (DNLM)

OBSTETRICS

Advanced training for rural midwives in the field of health education [with summary in English]. S. L. Polchanova. Sov. zdrav. 20 no 6 36-41 '61.

OBSTETRICS—STUDY AND TEACHING

Training of rural midwives at the beginning of the 19th century in Russia S. M. Dionesov. Sov. zdrav. 20 no 6 67-72 '61.

OCCULTATIONS

Observations of lunar occultations of stars at the Institute of Astrophysics of the Academy of Sciences of Tajikistan A. M. Bakharev. Astron tsir no 218:24 F '61

Observations of lunar occultations of stars in Kazan V. P. Kapralov Astron tsir no 218:25 F '61

Observations of lunar occultations of stars in Kharkov K. N. Kuz'menko. Astron tsir no 218 23 F '61

Observations of lunar occultations of stars in Ryazan in 1960 V. I. Kuryshev, F. B. Gusev. Astron tsir no. 218:21-22 F '61

OCCUPATIONAL THERAPY

Occupational therapy. S. E. Nezlin. Zdorov'e 7 no 6: 23-24 Je '61.

OCCUPATIONS

Interviews of "Smena." Smena 38 no. 11:5 Je '61.

OCCUPATIONS—CLASSIFICATION

The social status of workers in capitalist countries. G. Ardaev, A. Veber. Mir. ekon. i mezhdunar. otn. no. 6:60-76 Ag '61.

OCEAN BOTTOM

Observations on bottom sediments during the cruise of the submarine "Severianka." D. E. Gershanovich. Biul. Okean kom no 6, 37-38 '60.

OCEAN CURRENTS

(see also subdivision under Antarctic regions, Atlantic Ocean; Black Sea, Kerch Strait)

Approximate calculation of temperature and salinity variations in the active layer of the sea and their effect on currents L. A. Zhukov. Trudy Okean. kom. 11:158-163 '61.

Electric fields of ocean currents produced by the earth's magnetic field. V. B. Glasko, A. G. Sveshnikov. Geomag. i aer. 1 no. 1:73-81 Ja-F '61.

Principal convergences and divergences of water in the world ocean. V. N. Stepanov. Biul. Okean. kom no. 6: 15-22 '60.

Results of comparing observations on the elements of currents made by the use of marine current meters and radio engineering equipment I. M. Soskin. Trudy GOIN no. 55:219-223 '60.

OCEAN CURRENTS (Continued)

Some results of investigating the statistical microheterogeneity of the marine medium G I Primak Izv AN SSSR Ser geofiz no 8 1224-1232 Ag '61

Wind currents in a shallow sea. G. I Gershengorn. Trudy Dal'nevost NIGMI no 13 41-51 '60

OCEAN TEMPERATURE

(see also subdivision under Atlantic Ocean, Barents Sea, Black Sea, Caspian Sea, White Sea)

Approximate calculation of temperature and salinity variations in the active layer of the sea and their effect on currents L A Zhukov Trudy Okean kom 11 158-163 '61

Simplified method for calculating the heat balance of the surface of the sea IA A Tiutnev Trudy Okean kom 11 142-149 '61

Some results of investigating the statistical microheterogeneity of the marine medium G. I Primak. Izv AN SSSR Ser geofiz no. 8,1224-1232 Ag '61

OCEANOGRAPHIC INSTRUMENTS

Results of comparing observations on the elements of currents made by the use of marine current meters and radio engineering equipment I.M Soskin Trudy GOIN no. 55 219-223 '60

OCEANOGRAPHIC INSTRUMENTS—TESTING

Estimating the number of observations and the accuracy parameter of standard instruments in the verification of some oceanographic instruments. N D Borisov. Trudy GOIN no 55:208-218 '60.

OCEANOGRAPHIC RESEARCH

(see also subdivision under Antarctic regions, Atlantic Ocean, Black Sea; Caspian Sea; Maritime Territory; Norwegian Sea, Pacific Ocean; United States)

Brief communications N. N. Gorskii Biul Okean kom no 6 78-81 '60

Determining the submersion depth of different apparatus by the use of echo sounders A I Sudzhilovskii Trudy MGI 19 112-114 '60

Enlarged plenum of the Oceanographic Commission, Jan 5-10, 1959 A A Aksenov Biul Okean kom. no 6 5-8 '60

Oceanographic research completed by the U. S S. R. under the program of the International Geophysical Year I.M Belousov Biul Okean kom no 6 28-30 '60

Organization of modern oceanographic research. IU. V. Istoshin. Trudy Okean kom 11 29-45 '61

Stationary observations on the luminescence of the sea N I Tarasov Biul Okean kom no 6 82-83 '60.

Use of radiophototelegraphic apparatus in operative transmission of the materials of aerial oceanographic and ice observations V. V Betin, IU. V Preobrazhenskii Trudy GOIN no 55 182-186 '60.

OCEANOGRAPHIC RESEARCH STATIONS see subdivision under United States

OCEANOGRAPHY

(see also subdivision under Arctic regions)

Accuracy of the magnetic maps of the world for ocean areas. M. M. Ivanov. Geomag. i aer. 1 no. 1,104-110 Ja-F '61.

Calculating periodical fluctuations of the sea level and currents A. I. Duvanin Trudy Okean kom. 11 7-12 '61

Computing seasonal and secular variations of the mean sea level L I. Galerkin, V. A Shagin. Trudy Okean kom. 11:93-97 '61

Establishing the proper time of the year for determining the stablest position of the mean sea level. O. A. Vladimirov, M. P Flerova. Trudy GOIN no. 55:167-171

e Atlantic type in the develop-
tures (with summary in Eng-
Biul. MOIP, Otd. geol. 36

nd their relation with mag-
marev. Geomag. i aer. 1

extreme and mean sea levels;
rrent use IU. V. Preobra-
Trudy GOIN no 55:97-121

level observations, various
d extrapolation of established
Trudy GOIN no. 55:122-166

nsformation of intermediate
l ocean. O I. Mamaev.

dion of the world ocean;
ovaniia mirovogo okeana;
Moskva, Izd-vo "Znanie,"
obshchestvo po rasprostra-
chnykh znanii. Ser. 12,
.11)
[MICROFILM]

IAPHY see Bibliography—

OCTANE

Dehydrogenation of n-octane and of the 250-320° synthine fraction in the presence of activated charcoal. E. A. Timofeeva, V. S Smirnov, V I Bogomolov Izv. AN SSSR Otd khim nauk no 7 1320-1325 Jl '61

Study of the surface tension of n-heptane and n-octane [with summary in English] L. D. Voliak, L. P Andreeva. Zhur fiz khim 35 no 7 1416-1417 Jl '61

OCTOPUS

Octopus as aggressor. I. I. Akimushkin. Nauka i zhizn' 28 no 6:76 Je '61.

ODESSA—ARCHAEOLOGICAL MUSEUMS AND COLLECTIONS

Propaganda of scientific atheism in the Odessa Archaeological Museum. V P TSybeskov Mat z arkheol Pivn Prychor no. 3 285-296 '60

New accessions of the Odessa Archaeological Museum, 1959. A. Zahynailo Mat z arkheol Pivn Prychor. no 3 301 '60

ODESSA—ARMED FORCES

Meeting of a party and administrative group. Tyl i snab Sov Voor Sil 21 no 4 18 Ap '61.

ODESSA—COINS, ANCIENT

A collection of ancient gold coins in the Odessa Archaeological Museum. O H. Sal'nykov Mat z arkheol. Pivn Prychor no. 3 243-249 '60

ODESSA—HEALTH RESORTS, WATERING PLACES, ETC.

Mizina, A. F., and A. E. Shterengerts. [Experience in the treatment of children for the aftereffects of poliomyelitis at a climatological and balneological health resort] Opyt lecheniia detei s posledstviiami poliomielita na klimatobal'neologicheskom kurorte. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 93 p. (Biblioteka prakticheskogo vracha) (DNLM)

ODESSA—HISTORY

A librarian has written a book ("From the history of Odessa and Odessa Province" by V. A. Zahoruiko. Reviewed by A. Drofan') Ukraina no. 15 20 Ag '61

ODESSA—LIBRARIES

Library of the future. V Zedginidze Bibliotekar' no. 7. 36-37 Jl '61

ODESSA—MACARONI—DRYING

Programmed control of fans in macaroni drying rooms. V. N. Teplov. Khleb. i kond. prom. 5 no. 7:16-18 Jl '61.

ODESSA—ORCHESTRAL MUSIC, JUVENILE

Pioneer orchestra of the housing administration. M Binov, P Karas'. Zhil -kom. khoz. 11 no. 7:31 Jl '61

ODESSA—OVERTIME

Laws are written for everybody. .. A. Varshavskii. Okhr. truda i sots strakh. 4 no. 6:34 Je '61.

ODESSA—THEATER

Our guests. Ukraina no. 15:25 Ag '61.

ODESSA, BATTLE OF, 1941

Odessa, our valiant city; on the 20th anniversary of its heroic defense. Blok. agit. [Sov. Armii] no. 23:47-3 of cover Ag '61.

ODESSA DISTRICT—MOUNDS

Burial mound in Chernomorka Village near the city of Odessa M. S. Synytsyn Mat z arkheol Pivn. Prychor. no 3: 191-193 '60.

ODESSA PROVINCE—ARCHAEOLOGY

The Odessa Archaeological Society. O. A. Ashrafian. Mat. z arkheol Pivn. Prychor no. 3:302-306 '60.

ODESSA PROVINCE—COOPERATIVE SOCIETIES

Local committee of a state farm cooperative society. Kh. Gitarts. Sov potreb koop. 5 no. 6:17 Je '61.

ODESSA PROVINCE—EDUCATION, COOPERATIVE

Provincial pedagogical lectures IU. M. Bol'sen. Rad. shk 40 no. 5:95-96 My '61.

ODESSA PROVINCE—EXCAVATIONS (ARCHAEOLOGY)

Field studies of the Odessa Archaeological Museum in 1959. A. Kravchenko. Mat. z arkheol. Pivn. Prychor. no. 3,298-300 '60.

ODESSA PROVINCE—FOUNDATIONS

Foundations on pedestals formed by blasting in loess soil. I Kutsakov, M. Gorlachkovskii. Strol. i arkhit. 9 no. 6:22-23 Je '61.

ODESSA PROVINCE—HISTORY

A librarian has written a book ("From the history of Odessa and Odessa Province" by V. A. Zahoruiko. Reviewed by A. Drofan'). Ukraina no. 15:20 Ag '61.

ODESSA REGION—JERBOAS, FOSSIL

Jerboas (Rodentia, Dipodidae) from Kuyal'nitskiy deposits of the southern Ukraine. I. M. Gromov, A. I. Shevchenko. Dokl. AN SSSR 139 no. 4,976-979 Ag '61.

ODINTSOVO (MOSCOW PROVINCE)—FREIGHT AND FREIGHTAGE

Strange neighbors. N. Liubavin, P. Kozyrev, Sov. profsoiuzy 17 no 14 24 Jl '61

OFFENSES AGAINST SOCIALIST PROPERTY

(see also subdivision under Oth District)

The forms of criminal offenses against Soviet socialist economy. T L Sergeeva. Sov gos i pravo 11 no 3 68-76 Mr '61

Offenses against socialist property in the proposed criminal codes of the Union Republics. P I Mikhel' Sov gos. i pravo no. 11,94-99 N '60

OGRE DISTRICT—PRODUCE TRADE

Business is good. V. Faivel'son. Sov potreb kop 5 no. 6 12-14 Je '61

OHMMETER

Concerning the automatic selection of measurement limits in digital ohmmeters D I Malov Izv vyss ucheb zav., elektromekh 4 no 7 64-70 '61

OHM'S LAW

Generalized form of Ohm's law in a completely ionized gas. V. B Baranov, G A. Liubimov Fizika plazmy 1 no 3 468-472 My-Je '61

OIL COOLERS

Heat transfer coefficient of an oil cooler with transverse flow about a cluster of pipes. P I. Sushin, I. R Shtrik Energomashinostroenie 7 no 6 41-16 Je '61

OIL DRUMS see Drums (Containers)

OIL FIELD FLOODING

Process of connate water displacement in flooding oil A. F. Bogomolova, A. A Kochesh kov, A. P Krylov khoz. 39 no. 8:36-42 Ag '61.

OIL FIELDS—EQUIPMENT AND SUPPLIES

(see also subdivision under Izberbash)

Building machinery for difficult and labor-consuming oil field operations. G. V. Molchanov. Neft khoz 39 no. 8:27-30 Ag '61.

OIL FIELDS—PRODUCTION METHODS

(see also subdivision under Baku region; Bashkiria, Dossor)

Amlian, V. A. [Increasing the output of oil wells] Povyshenie proizvoditel'nosti skvazhin. Pod red. I. M. Murav'eva. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 302 p.

Improving labor productivity planning in the oil field industry. V. V. Makarov Neft. khoz. 39 no 8 Ag '61.

What the oil workers have to take to the 22d Congress of the CPSU. V. Murav'ev Neftianik 6 no. 7 22 Jl '61.

OIL FIELDS—TECHNOLOGICAL INNOVATIONS

Innovator Sharifullin. V. Chertilin. Neftianik 6 no 7 22 Jl '61.

OIL HYDRAULIC MACHINERY

Druzhinin, V. A. [Hydraulic power units and devices with hydraulic clamps] Silovye gidroagregaty i prisposobleniia s gidravlicheskim zazhimom. Leningrad, 1961. 16 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Mekhanicheskaia obrabotka metallov, no 4)

Hydraulic helical transmissions with a cicloid meshing G. E. Burkov. Mashinostroitel' no. 7:31-32 '61.

Hydraulic transmission system of the TG102 diesel locomotive. S. A. Studentsov, B. D. Zimmerkov. Elek i tepl. tiaga 5 no. 5,31-35 My '61.

OIL HYDRAULIC MACHINERY—TESTING

Performance of a hydraulic torque converter at variable loads. N. N. Velov Dokl. TSKhA no. 55:167-173 '60

Testing the TRE-375 single-stage hydraulic torque converter with the D-54 tractor diesel engine V I Anokhin, V. A. Chernyshev. Dokl TSKhA no 55:151-165 '60

OIL INDUSTRIES

(see also subdivision under Africa)

Worthy welcome to the 22nd Congress. A. M. Il'kov and others. Masl.-zhir. prom 27 no 7:1-3 Jl '61

OIL INDUSTRIES—EQUIPMENT AND SUPPLIES

(see also subdivision under Armavir)

Additional remarks concerning the improvement of apparatus used for preparing vegetable pulp. A. M. Goldovskii. Masl.-zhir. prom. 27 no. 7:18-19 Jl '61

Disk catcher. I. K. Sidorenko. Masl.-zhir. prom. 27 no. 7:45-46 Jl '61.

OIL INDUSTRIES—PERIODICALS

At a readers' conference. Masl.-zhir. prom. 27 no 7: 27 Jl '61.

OIL RESERVOIR ENGINEERING

Determination of the parameters of a layer from pressure build-up curves. M. I. Shvidler, I. F. Rakhimkulov, V. I. Portnov. Neft. khoz. 39 no. 8:49-56 Ag '61.

Temperature distribution in the displacement of petroleum from a stratum by means of hot liquids. A. A Abbasov Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk 2:121-127 '61.

OIL SANDS see subdivision under Bashkiria

OIL SHALES

Chemical composition of aromatic hydrocarbons and sulfur compounds of shale gasoline. O. G. Elzen, S. A. Rang. Khim. i tekh. topl. i masel 6 no. 6 29-32 Je '61.

OIL SHALES—CLASSIFICATION

Russia (1923- U. S. S. R.) Gosudarstvennaia komissiia po zapasam poleznykh iskopaemykh. [Instructions for classifying reserves in coal and oil shale deposits] Instruktsiia po primeneniiu klassifikatsii zapasov k mestorozhdeniiam uglei i goriuchikh slantsev. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr. 1961. 68 p.

OIL WELL CASING

Peslak, Iu. A., and K. B. Ruppeneit. [Theory of rock pressure and the method of designing casing pipes] Teoriia davleniia gornykh porod i metod rascheta obsadnykh trub. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961 130 p. (Vsesoiuznyi neftegazovyi nauchno-issledovatel'skii institut. Trudy, no. 31)

Sarkisov, G. M. [Calculating casing pipes and columns] Raschety obsadnykh trub i kolonn. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 243 p.

OIL WELL CEMENTING

Cementing columns by reverse compaction with radioactive control A. K Volzhin Neftianik 6 no 7 10-11 Jl '61

Machinskii, E. K., and A. I. Bulatov. [Cement and cinder-sand slurries for plugging wells] TSementno-i shlako-peschanye rastvory dlia tamponazha skvazhin. [Groznyi] Checheno-Ingushskoe knizhnoe izd-vo, 1960. 90 p.

Nomenclature and properties of plugging cement. G. N Khangil'din. Neft. khoz. 39 no 8:24-27 Ag '61

OIL WELL DRILLING
(see also subdivision under Zyrya)

Deviation of the actual height of concrete from the calculated height M A Abdinov. Izv AN Azerb. SSR. Ser. fiz.-mat i tekh. nauk 2:109-114 '61

Laktionov, A. T. [Theory and practice of air or gas drilling] Osnovy teorii i tekhniki burenila skvazhin s ochistkoi zaboia vozdukhom ili gazom. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 262 p.

Shakhmaliev, G. M. [Studying the performance of a mechanical brake on a draw-works and devising an efficient system of lowering a drill tool] Issledovanie raboty mekhanicheskogo tormoza burovoi lebedki i razrabotka ratsional'nogo rezhima spuska buril'nogo instrumenta. Red. V. S. Shchedrov. Baku, Azerbaidzhanskoe gos. izd-vo neft. i nauchno-tekhn. lit-ry, 1960. 221 p.

OIL WELL DRILLING—EQUIPMENT AND SUPPLIES

Dzhalil-zade, G. N. [Ways of increasing rates of drilling of structure and prospect holes] Puti povysheniia skorosti bureniia strukturno-poiskovykh skvazhin. Baku, Azerbaidzhanskoe gos. izd-vo neft. i nauchno-tekhn. lit-ry, 1960. 60 p.

OIL WELL DRILLING, SUBMARINE
(see also subdivision under Azerbaijan)

Protective casings made of asbestos cement pipes for metal piles of off-shore oil wells. M S Alekperov, I M Kershenbaum. Stroi. mat. 7 no 6:24-25 Je '61.

OIL WELL DRILLING, SUBMARINE—EQUIPMENT AND SUPPLIES

For oil field workers. Neftianik 6 no. 7:28 Jl '61.

OIL WELL DRILLING FLUIDS
(see also subdivision under Tatar A. S. S. R.)

Determination of the temperature of drilling fluids in a well. B. I Es'man. Neft. khoz 39 no. 8:21-24 Ag '61

OIL WELL DRILLING RIGS—TRANSPORTATION

Transportation of drilling rigs on heavy-duty trailers. A Lobkin. Neftianik 6 no 7 9 Jl '61.

OIL WELL PUMPS

Rustamov, M. S. [Efficient use of the reserve capacity of deep beam well equipment] Voprosy ratsional'nogo ispol'zovaniia zapasa proizvoditel'nosti glubinnonasosnoi ustanovki. Baku, Azerbaidzhanskoe gos. izd-vo neft. i nauchno-tekhn. lit-ry, 1960. 106 p.

OIL WELL SHOOTING

New method of perforating wells. S. A Chumanov. Neft. khoz. 39 no. 8:63-66 Ag '61.

OIL WELLS

Liushin, S. F., and others. [Paraffin control in the recovery of oil] Bor'ba s otlozheniiami parafina pri dobyche nefti. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 149 p.

New organization of the technological process and labor in building oil and gas wells. A. K. Karaev, A. D. Tankhel'son. Neft. khoz. 39 no. 8:1-4 Ag '61.

OIL WELLS—EQUIPMENT AND SUPPLIES

Inhibitors for protecting oil well equipment against corrosion V. F. Negreev and others Neft khoz 39 no 8 12-49 Ag '61

Shutting-off device V Ivanov Neftianik 6 no 7:26-27 Jl '61

OIL WELLS—MAINTENANCE AND REPAIR

Lavrushko, P. N. [Underground repairing of oil wells] Podzemnyi remont skvazhin. Izd. 2, ispr. i dop. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 403 p.

Work practice of an oil well underground repair shop T Kh Abramian Neftianik 6 no 7 12-13 Jl '61

OILS AND FATS
(see also subdivision under United States)

Certificates of invention and patents. Masl.-zhir. prom 27 no. 7:47-48 Jl '61.

Enriching mixed feeds with fats [with summaries in English, German, and French] N A. Smekalov Vest sel'khoz nauki 6 no 7:63-65 Jl '61

Evaluating the design and performance of an extractor according to the equilibrium curve oil cake benzene V A. Maslikov Izv. vys. ucheb. zav., pishch tekh no. 2:108-111 '60

Fatty oils in some members of the carrot family (Umbelliferae) from the Sayans IU. A. Dranitsyna Trudy Bot. inst Ser 5 no 8 35-39 '61.

Good manual for workers and students ("Manual for the rendering of animal fats" by S G Liberman, V. P. Petrovskii Reviewed by V Astanov), Mias ind SSSR 31 no. 4 54 '60.

Investigating the fatty oil from the fruit of Elsholtzia patrinii (Lep.) Garcke IU A Dranitsyna Trudy Bot inst Ser 5 no 8 32-34 '61.

Properties of polymerized and nonpolymerized oils and their use in veterinary medicine [in Armenian with summary in Russian] A R Arakelov Izv Upr sel'khoz nauki Arm SSR 4 no 1 91-98 '61

Scouring heat-treatment of oils. O. P. Puzanov, A. V. Bugnev Masl.-zhir prom 27 no. 7:44-45 Jl '61

Testing the Titan fat cooler L Nikolaev. Mias ind. SSSR 32 no 2 12-13 '61.

OILS AND FATS, EDIBLE

Using hydrocyclones for extracting fats and separating bones in the production of edible fats A Lapshin, R. Shestov Mias ind SSSR 32 no. 2 48-50 '61.

OILSEED PLANTS

Real help for collective and state farms. V. M. Susiov. Vest sel'khoz nauki 6 no. 7:130-135 Jl '61.

Transpiration of fruit in oilseed plants. A A Prokof'ev, K M Kats Dokl AN SSSR 139 no 3:744-747 Jl '61.

OISTRAKH, DAVID FEDOROVICH, 1908-

D. and I Oistrakh. I. IA. Sov. muz. 25 no. 7 96-97 Jl '61.

OISTRAKH, IGOR' DAVIDOVICH

D. and I. Oistrakh. I. IA. Sov. muz. 25 no. 7:96-97 Jl '61.

OIUNSKII, PLATON ALEKSEEVICH, 1893-1939

Akademiia nauk SSSR. IAkutskii filial. IAkutsk. Institut iazyka, literatury i istorii. [Platon Alekseevich Oiunskii, 1893-1939; reports. On the 65th anniversary of his birth] Platon Alekseevich Oiunskii, 1893-1939; doklady k 65-letiiu so dnia rozhdeniia, IAkutsk, IAkutskoe knizhnoe izd-vo, 1959. 86 p.
(MH)

OKA PRESERVE—DIVERS (BIRDS)

Materials on the abundance and biology of diving birds as a basis for efficient organization of game management in the central provinces. IA. V. Sapotin. Ornitologiia no. 2:238-247 '59.

OKA RIVER—BRIDGES—FOUNDATIONS AND PIERS

Boring holes at the base of inclined shell-type columnar foundations. I. L. Moskalev, E. A. Tiulenev. Transp. stroi. 11 no. 7:15-17 Jl '61.

OKA VALLEY—DUCKS

Comparative study of fall migration of diving birds based on counts made along their permanent routes and on the reservation lake. V. N. Karpovich. Ornitologiia no. 2. 248-255 '59.

OKA VALLEY—WATER PIPES

Pileless laying of water pipes in peat bogs. E V. Makarov. Vod. i san tekh. no. 2 33-35 F '61.

OKHOTSK REGION—GEOLOGY

Krasnyi, L. I. [Geology and minerals in the area west of the Sea of Okhotsk] Geologiia i poleznye iskopaemye Zapadnogo Priokhot'ia. Moskva, Gos. nauchn.-tekhn. izd-vo lit-ry po geologii i okhrane nedr, 1960. 161 p. (Leningrad. Vsesoiuznyi geologicheskii institut. Trudy, vol. 34)

OLBIA (BORYSTHENES)

"Olbia; a guidebook to the museum and excavations" by V. V. Lapin, A. V. Burlakov, B. V. Borisov. Reviewed by I Kleiman. Mat. i arkheol. Pivn. Prychor no 3 273-274 '60.

Olbia and the Athenian League P. O Karyshkovskii Mat i arkheol Pivn Prychor no. 3 57-100 '60

OLBIA (BORYSTHENES)—COINS, ANCIENT

More about the history of Olbian coins in the late fourth century B. C P I Karyshkovskyi Mat i arkheol Pivn Prychor no 3 234-242 '60

OLD-AGE HOMES
(see also subdivision under Minsk)

Standard homes for the aged P Rudakov Sots obesp 22 no 7 46-49 Jl '61.

Two households and two results S. Orlov, N. Karaseva Sots obesp 22 no. 6 36-40 Je '61.

OLD-AGE PENSIONS

Answering our readers' questions V. Piskov Sov. iust no 14 30-31 Jl '61

OLEASTER—DISEASES AND PESTS

Injurious insect fauna of oleaster in the tugai forests of Central Asia and Kazakhstan [with summary in English] IU V. Sinadskii. Zool. zhur. 40 no 7:1019-1029 Jl '61

OLEFINS

Alkylation of phenolic ethers with olefins in the presence of cation exchange resins as catalysts V. I Isagulianis, E V. Panidi. Zhur. prikl. khim. 34 no. 7 1578-1582 Jl '61.

Catalytic hydropolymerization reactions of olefins and their hydrocondensation with carbon monoxide. IA. T Eidus. Izv AN SSSR, Otd. khim nauk no. 7 1336-1342 Jl '61.

Effect of Co^{60} gamma rays on perfluorodienes V A Khramchenkov, A. V. Zimin Zhur VKHO 6 no 4 468-469 '61.

Free radical addition of esters of dicarboxylic acids to α-olefins, and the synthesis of esters of α-alkyldicarboxylic acids G I Nikishin, IU. N Ogibin, A. D Petrov Izv. AN SSSR, Otd khim. nauk no 7:1326-1330 Jl '61

Preparation of 1-methylanthraquinone by diene synthesis. V L. Plakidin, V. IA. Fain, V. I Trunov-Krasovskii Zhur prikl khim 34 no. 7 1643-1645 Jl '61.

OLEIC ACID

Investigating the effect of dispersing agents on the hydrolysis of sodium oleate I. N Plaksin, V I Tiurnivova, L. A Barskii. Dokl AN SSSR 139 no 3:669-672 Jl '61

Toxic effect of oxidized oleic acid on yeast cells. IU. B. Kudriashov, A Kh. Tambiev Dokl AN SSSR 139 no. 4: 991-993 Ag '61.

OLEIC ACID—TOXICOLOGY

Toxic effect of oleic acid and its oxidation products; cytotoxic factor in radiation injury of animals. IU B. Kudriashov and others Radiobiologiia 1 no 1:78-85 '61

OLEKMA VALLEY—EROSION

Erosion surfaces in the Aldan-Olekma interfluve. D. A. Timofeev. Biul. MOIP. Otd. geol. 36 no. 2 141 Mr-Ap '61.

OLEKMINSK DISTRICT—SALT

Kondakov, K. G. [Industrial exploitation of Olekminsk salt] Problema promyshlennogo osvoeniia olekminskoi soli. IAkutsk, IAkutskoe knizhnoe izd-vo, 1957. 109 p. (ICMILC)

OLENINO DISTRICT—COLLECTIVE FARMS

Vinogradov, A. I. [We follow the course of new developments; Lenin Collective Farm in Olenino District is introducing recommendations of the Economic Conference of Kalinin Province] Novoe - nash kurs; Oleninskii kolkhoz imeni Lenina vnedriaet rekomendatsii oblastnoi ekonomicheskoi konferentsii. [Kalinin] Kalininskoe knizhnoe izd-vo, 1961. 21 p.
(DA)

OLEOMARGARINE

Margarine having butter structure. N. I. Kozin, V. I. Varibrus. Izv. vys. ucheb. zav.; pishch. tekh no 2 35-40 '60.

Plastic and elastic properties of solid fats. B. A. Nikolaev, L. A. Liutik. Masl.-zhir. prom. 27 no. 7:23-27 Jl '61.

Use of salts from different deposits for salting margarine [with summary in English]. I. N. Zhuravlev. Vop. pit. 20 no. 4:46-48 Jl-Ag '61.

OLIGOPHRENIA see Mental deficiency

OLIVE-OIL

Olive oil. V. P. Sokolovskii. Zdorov'e 7 no. 6:30 Je '61.

OLOMOUC—CORNEA—TRANSPLANTATION

Clinical observations on corneal transplantation at the eye clinic in Olomouc in 1958-1959 [with summary in English]. A. Heinz. Oft. zhur. 16 no. 4:198-200 '61.

OLYMPIC GAMES

Olympic records and the limits of human possibilities. Pierre Portier. V zashch. mira no. 8:70-80 Ag '60.

OMSK—PHYSICALLY HANDICAPPED—REHABILITATION

The cause we serve N. Arkhipovich, A. Gromova Sots. obesp. 22 no 7 39-41 Jl '61

OMSK—PROSTHESIS

We improve the service to the population N. Kuz'min Sots. obesp. 22 no 7 4 Jl '61

OMSK PROVINCE—GRAIN

"Procurement and processing of grain received directly from combines in Omsk Province" by S. M. Savchenko Reviewed by N. Nasonov Muk.-elev. prom. 27 no 8 32 Ag '61

OMSK PROVINCE—LIBRARIES

Omsk, Siberia. Oblastnaia biblioteka imeni A. S. Pushkina. Metodicheskii kabinet. [With love for one's work, collected articles on the activities of libraries] S liubov'iu k delu; sbornik statei ob opyte raboty biblioteki. Omsk, 1960. 67 p.

OMSK PROVINCE—MILKING MACHINES

Rotating milking unit. Sel'. stroi. 16 no. 6:31 Je '61.

ONCOLOGICAL SOCIETIES see subdivision under Azerbaijan; Moscow Province

ONCOLOGY

Petrov, N. N., ed. [Manual on general oncology, in summary form for medical students and physicians of all specialties] Rukovodstvo po obshchei onkologii; v kratkom izlozhenii dlia studentov-meditsov i vrachei vsekh spetsial'nostei. Izd. 2, dop. [Leningrad] Gos. izd-vo med. lit-ry Medgiz, Leningr. otd-nie, 1961. 375 p.
(DNLM)

Petrov, N. N., ed. [Manual on general oncology; in summary form for medical students and physicians of all specialties] Rukovodstvo po obshchei onkologii; v kratkom izlozhenii dlia studentov-meditsov i vrachei vsekh spetsial'nostei. [Leningrad] Gos. izd-vo med. lit-ry Medgiz, Leningr. otd-nie, 1958. 306 p.
(DNLM)

ONEGA VALLEY—DIATOMS, FOSSIL

Diatoms from marine interglacial deposits in the Onega Basin E. A. Cheremisinova Dokl. AN SSSR 139 no 3: 692-695 Jl '61

ONIONS

Anatomical and morphological characteristics of Allium ursinum Kh. K. Okazov Bot. zhur. 46 no 5:700-705 My '61

ONIONS—IRRIGATION see subdivision under Rostov Province

ONTOGENY

Laws of the periodicity of individual developments in farm animals. S. N. Bogolubskii. Biul. MOIP. Otd. biol. 66 no. 4:152-153 Jl-Ag '61.

OPALS

Crystalline structure of silica in opals and lussatite. V. A. Zabelin. Dokl. AN SSSR 139 no. 1:184-187 Jl '61.

Investigation of opals and opal-bearing rocks by the adsorption-structural method V. A. Zabelin. Dokl. AN SSSR 139 no 2:442-445 Jl '61

OPEN AND CLOSED SHELVES

Guides to book collections are needed. V. Granskii, A. Ermolaeva, S. Kriuchkovskii. Bibliotekar' no. 8 57 Ag '61

OPEN-HEARTH FURNACES

Building [illegible] 38. I. A. 6:12-14 Je

[illegible] no. 1:11-12 '61.

Russia (1917- R.S.F.S.R.) Ministerstvo stroitel'stva. [Instructions VSN 24-60 of the Ministry of Construction for the construction of open-hearth furnaces] Instruktsiia po kladke martenovskikh pechei VSN 24-60. Ministroi RSFSR. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 125 p.

Testing non-fired forsterite brick in the checkered brickwork of air regenerators of 500-ton open-hearth furnaces. Sh. M. Berman and others. Ogneupory 26 no. 6:272-273 '61.

OPEN-HEARTH FURNACES—EQUIPMENT AND SUPPLIES

Bas'ias, I. P., and A. I. Chernogolov. [Open-hearth furnace regenerators] Regeneratory martenovskikh pechei. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii Sverdlovskoe otd-nie, 1961. 174 p.

Cast iron gates with ceramic packing. V. N. Alekseev, N. E. Orlov. Sbor. rats. predl. vnedr. v proizv. no. 1: 14-15 '61.

Garlaev, A. L. [Cooling equipment of open-hearth furnaces, design and manufacturing process] Okhlazhdaemaia armatura martenovskikh pechei, konstruktsiia i tekhnologiia izgotovleniia. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii Sverdlovskoe otd-nie. 1961. 51 p. (Obmen peredovym opytom)

Lining the forked steel pouring spouts of open-hearth furnaces with refractory concrete V. A. Biron and others Ogneupory 26 no. 6 265-269 '61.

OPERA

(see also subdivision under Milan; Moldavia; Moscow)

Kommunisticheskaia partiia Sovetskogo Soiuza. TSentral'nyi Komitet. [Materials of a discussion devoted to the decision of the Central Committee of the CPSU of May 28, 1958, "Correcting the wrong evaluation of the operas 'Great friendship,' 'Bogdan Khmel'nitskii,' and 'With all our hearts'"] Postanovlenie TsK KPSS ot 28 maia 1958 goda "Ob ispravlenii oshibok v otsenke oper "Velikaia druzhba," "Bogdan Khmel'nitskii" i "Ot vsego serdtsa", materialy obsuzhdeniia. Moskva, Sovetskii kompositor, 1958. 62 p.

OPERA, ARMENIAN

"Khachatur Abovian." N. Shumskaia. Sov. muz. 25 no. 7:74-76 Jl '61.

OPERATIONAL CALCULUS see Calculus, Operational

OPERATOR, HERMITIAN

Regular full-projection lineal elements in spaces having a general bilinear Hermitian metric. I. S. Iokhvidov Dokl. AN SSSR 139 no 1 791-794 Ag '61

OPERATORS (MATHEMATICS)

Approximation of functions by generalized linear Landau operators R. G. Mamedov. Dokl. AN SSSR 139 no 1: 28-30 Jl '61

Asymptotic expansion of the eigenfunctions of eigenvalues of a self-adjoint 2d-order differential operator with continuously large coefficients A. M. Gusenbekova. Izv. AN Azerb. SSR Ser. fiz.-mat. i tekh. nauk 2:13-25 '61

Certain conditions for the smoothness of functions of several variables and for the evaluation of convolution operators K. K. Golovkin Dokl. AN SSSR 139 no. 3: 524-527 Jl '61

Certain families of extensions of a symmetric operator. A. V. Shtraus Dokl. AN SSSR 139 no. 2:316-319 Jl '61

Certain homogeneous boundary value problems for differential operations with constant coefficients. S. G. Ovsepian Dokl. AN SSSR 139 no 2,298-301 Jl '61

Continuous integrals and fundamental solutions of operator equations. Iu. L. Daletskii. Izv. vys. ucheb. zav.; mat. no. 3:27-48 '61.

Eigenvalues and eigenvectors of completely continuous operators. E. A. Troitskiaia Izv. vys. ucheb. zav.; mat. no 3:148-156 '61.

Majorant equations. A. E. Gel'man. Dokl. AN SSSR 139 no 2:283-285 Jl '61

Method of successive approximations in the theory of equations with concave operators. I. A. Bakhtin, M. A. Krasnoselskii. Sib. mat. zhur. 2 no 3:313-330 My-Je '61

One class of completely continuous operators. V. I. Matsaev Dokl. AN SSSR 139 no. 3:548-551 Jl '61.

Order and asymptotic value of the approximation of functions by means of linear positive operators R. G. Mamedov Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk 2:27-30 '61

Properties of n-dimensional singular integrals in $L_p(S, \varphi)$ space. T. G. Gegelia Dokl. AN SSSR 139 no. 2:279-282 Jl '61

Real and imaginary parts of an unbounded operator. E. R. TSekanovskii Dokl. AN SSSR 139 no. 1:48-51 Jl '61.

Solvability of one type of nonlinear boundary value problems G. V. Arzhanov Dokl. AN SSSR 139 no. 2:267-270 Jl '61.

Some applications of the general theory of approximation methods to the problem of characteristic elements of nonlinear operators E. A. Troitskaia. Sib. mat. zhur. 2 no. 3:454-466 My-Je '61.

Some properties of potential-type operators and their applications. V. P. Glushko. Izv. vys. ucheb. zav.; mat. no. 3:3-13 '61.

Volterra operators produced by perturbation of self-adjoint operators. V. I. Matsaev Dokl. AN SSSR 139 no. 4:810-813 Ag '61.

Volterra operators with an imaginary component of any class. L. TS. Gokhberg, M. G. Krein. Dokl. AN SSSR 139 no. 4:779-782 Ag '61.

OPHTHALMOLOGY

"Morphological bases of ophthalmological diagnosis" by V. N. Arkhangel'skii. Reviewed by N. A. Puchkovskaia. Oft. zhur. 16 no. 4:252-254 '61.

OPHTHALMOLOGY—BIBLIOGRAPHY see Bibliography—Ophthalmology

OPHTHALMOSCOPY

Pillas, P. S. [Ophthalmoscopic atlas; manual for physicians and students] Oftal'moskopicheskii atlas; rukovodstvo dlia vrachei i studentov. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 224 p.
(DNLM)

OPTIC NERVE—TUMORS

Glioma of the optic nerve. N. I. Perelygin. Oft. zhur. 16 no. 4:249-250 '61.

OPTICAL GLASS see Glass, Optical

OPTICAL INSTRUMENTS

Levitskii, V. N., M. S. Mirkin, and N. I. Dmitrieva. [Using autocollimator and prism in determining kinematic errors of the dividing chain of slot-milling machines] Opredelenie kinematicheskikh pogreshnostei delitel'noi tsepi pazofrezernykh stankov s primeneniem avtokollimatora i prizmy. Leningrad, 1961. 22 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Kontrol' tochnosti i produktsii, no. 4)

OPTICS, GEOMETRICAL

Transverse diffusion during diffraction on an infinite cylinder with a large radius Part I. Parabolic equation in beam coordinates. G. D. Malyuzhinets, L. A. Vainshtein. Radiotekh. i elektron. 6 no 8:1247-1255 Ag '61

OPTICS, PHYSICAL

Concerning the approximation of geometrical optics for waves in transmission lines with variable parameters [with summary in English] L. A. Ostrovskii Izv. vys. ucheb. zav., radiofiz. 4 no 2 293-305 '61

OPTICS, PHYSIOLOGICAL

Resolving power of the eye A. V. Pavlov Biul. VAGO no. 29 38-40 '61

OPTOMETRY

Galkin, N. N. [Manual on the selection of spectacles] Posobie po podboru ochkov. Izd. 2, ispr. i dop. [Leningrad] Medgiz, 1960. 183 p. (Biblioteka prakticheskogo vracha)
(DNLM)

ORI VALLEY—GEOLOGY, STRATIGRAPHIC

Middle Jurassic in the Ori Valley portion of the Urals. Z. A. Maliutina Trudy VNIGNI no 29 vol. 2 84-91 '61

ORATORIO

Shirinian, R. K. [The oratorio and the cantata] Oratoriia i kantata. Moskva, Gos. muzykal'noe izd-vo, 1960. 39 p. (Muzykal'nye formy i zhanry)

ORBELI, IOSIF ABGAROVICH, 1887-1961

Iosif Abgarovich Orbeli; an obituary Vest. AMN SSSR 16 no. 14, 167-168 '61

ORCHESTRAL MUSIC, JUVENILE see subdivision under Odessa

ORCHIDS

"Orchid hunters" by F. Floss Reviewed by V. No. Sokol. Un. nat. no 6 21 Je '61.

ORE DEPOSITS

(see also subdivision under Kara-Tau, Kuglang-Tau, Soviet Far East, Tuva Autonomous Province)

Evaluation of the duration of primary field impulses during excitation of nonstationary eddy currents in prospecting for highly conductive ores. F. M. Kamenetskii, V. F. Kovalenko. Izv. vys. ucheb. zav.; geol. i razv. 3 no. 6, 92-94 Je '60.

Relationship of molybdenite and scheelite with the feldspar-quartz stage of mineralization in some dissemin. type rare metal deposits V. I. Rekharskii. Dokl. AN SSSR 139 no. 4, 963-965 Ag '61.

ORE DRESSING

Increasing the recovery of crushed ore from overflow. G. A. Alimov, B. A. Kostin. Sbor. rats. predl. vnedr. v proizv. no. 2, 16 '61

Objectives in the development of new techniques in mineral dressing A. M. Okolovich. Izv. AN SSSR. Otd. tekh. nauk Met. i topl. no. 3:187-188 My-Je '61

ORE DRESSING—EQUIPMENT AND SUPPLIES

Changes in the design of the head drum basket of an agglomerating machine G. V. Kotlarov Sbor. rats. predl. vnedr. v proizv. no. 2:14 '61

Changing the fastening of the draw of a six-jet pulp separator. V. IA. Kitaev. Sbor. rats. predl. vnedr. v proizv. no. 2:16 '61.

Preventing the wear of the table armor of a disk feeder. P. F. Gusev. Sbor. rats. predl. vnedr. v proizv. no 2:13 '61.

OREKHOVO ZUYEVO—DISABILITY EVALUATION

In the struggle for man's health. V. Erofeeva. Sots. obesp. 22 no. 7:37-38 Jl '61

OREKHOVO-ZUYEVO—LIBRARIES AND READERS

There are more readers N Kaftashov Bibliotekar' no 7 33-35 Jl '61

OREKHOVO-ZUYEVO DISTRICT—WARBLERS

Specific features of the behavior of warblers during the nesting period. E. N. Derim. Ornitologiia no. 2:54-58 '59.

OREL PROVINCE—HOUSING FOR PHYSICALLY HANDICAPPED

The atmosphere must be healthy A Volkovinskii Sots obesp 22 no. 7 41-45 Jl '61

OREL PROVINCE—RURAL LIBRARIES

Initiative worthy of imitation. V Polianov. Bibliotekar' no 8 12-13 Ag '61.

ORENBURG—MILITARY EDUCATION

To serve our people; from a cosmonaut's notes. Iurii Gagarin Blok agit [Sov Armii] no. 16 10-16 Je '61.

ORENBURG—RAILROADS—REPAIR SHOPS

Organization of preventative maintenance in the servicing of locomotives at the railroad repair shop in Orenburg. L F Chikhibakh Elek i tepl tiaga 5 no 6 16-17 My '61

ORENBURG PROVINCE—COMMUNITY AND SCHOOL

Work of Orenburg Province teachers. Nar. obr. no. 8. 107-108 Ag '61.

ORENBURG PROVINCE—FEEDS

Vitamin A value of feeds produced in Orenburg Province, S G Leushin. Biul nauch -tekh inform. VIZH no. 1:31-38 '58

ORENBURG PROVINCE—FLOUR MILLS—EQUIPMENT AND SUPPLIES

Automatic grain sampling at the Orenburg Grain Milling Combine N. Timofeev, B. Vnzhintsev Muk -elev. prom 27 no 8 19-20 Ag '61

ORENBURG PROVINCE—INDUSTRIES

Orenburg Economic Council workers in the struggle for better utilization of production funds. V Nurshanov. Plan. khoz. 38 no. 8:60-63 Ag '61.

ORENBURG PROVINCE—RETAIL TRADE

State trade as a patron of cooperative societies. V. Kudriashov Sov torg 34 no 6:11-13 Je '61.

ORENBURG PROVINCE—SOCIALIST COMPETITION

Orenburg Economic Council workers in the struggle for better utilization of production funds. V Nurshanov. Plan. khoz. 38 no. 8.60-63 Ag '61

ORFS

Russia (1923- U. S. S. R.) Ministerstvo geologii i okhrany nedr. [Studies on the dressing and industrial processing of minerals] Issledovaniia po obogashcheniiu i tekhnologii poleznykh iskopaemykh, Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr. 1961. 131 p.

ORES—SPECTRA

Automatic apparatus for the spectral analysis of ores. IU N Kuznetsov Zav lab 27 no 7 910-913 '61

ORGANIC CHEMISTRY see Chemistry, Organic

ORGANIC COMPOUNDS

Conference on the analysis of organic compounds. A. P. Kreshkov. Zav. lab 27 no. 8:1046 '61

Vvedenskii, A. A. [Physicochemical constants of organic compounds] Fiziko-khimicheskie konstanty organicheskikh soedinenii. Leningrad, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1961. 123 p.

ORGANIC MATTER

(see also subdivision under Baikal, Lake; Karelia)

Discovery of problematic organic remains in quartzites and jasper quartzites in the Urtyndzhal'skoe series. O. E. Belisev. Izv. vys. ucheb. zav.; geol. i razv. 3 no 6:121-122 Je '60.

Organic matter in bottom sediments of the Caspian Sea. A. S. Pakhomova. Trudy GOIN no. 59:58-84 '61.

Organic matter in sea water. B. A. Skopintsev Trudy MGI 19 3-20 '60.

ORGANOMETALLIC COMPOUNDS

Decomposition of dicyclohexylperoxydicarbonate in solution in the presence of certain metals and metal salts. G. A Razuvaev, L. M. Terman. Zhur. VKHO 6 no. 4:473-474 '61.

ORGEYEV DISTRICT—ANTIQUITIES

Excavations of the Slavic settlement Braneshti I. H. O. Dzis-Raiko. Mat. z arkheol. Pivn. Prychor. no 3 127-139 '60

ORIENTAL STUDIES

"Oriental studies in honor of Giorgio Levi Della Vida" [in Italian] Vols. 1-2 Reviewed by E. A. Belaev Uch zap. Inst. nar. Azii 22:199-122 '60.

ORIENTAL STUDIES—CONGRESSES

Ancient history and philology at the 25th International Congress of Orientalists in Moscow Vest drev ist no. 2:143-161 '61

ORIENTATION

In time and space ("In the world of orienting points" by A Menchukov Reviewed by L S Abramov) Priroda 50 no 8,121-122 Ag '61

ORNAMENTAL PLANTS see also subdivision 'Plants, Ornamental' under Kara Kum; Siberia, Western

ORNITHOSIS

Interrelation of specific antibodies with the ornithosis virus in the body of a monkey. V. I. Chervonskii Vop virus. 6 no 5 622-624 S-O '60.

Q fever and ornithosis in wild birds [with summary in English]. N. N Basova and others. Vop. virus 6 no 5 586-591 S-O '60.

OROCHES

Soviet teacher. V Rabichev Kul't i zhizn' 5 no. 7: 42-43 '61.

ORPHANS AND ORPHANAGES

Two households and two results. S Orlov, N. Karaseva. Sots obesp 22 no. 6 36-40 Je '61

ORTHODOX EASTERN CHURCH

(see also subdivision under Bulgaria)

Brief news Zhur Mosk Patr no 7:26-29 Jl '61.

Services of His Holiness Patriarch Alekseii Zhur. Mosk Patr. no 7 6-7 Jl '61

ORTHODOX EASTERN CHURCH—CLERGY

Brief news. Zhur. Mosk. Patr no. 6:38 Je '61.

Archimandrite Zosima (Izhzhilov), obituary. A. Akimov. Zhur Mosk Patr. no. 6:36-38 Je '61

Decisions of the Holy Synod, Zhur. Mosk. Patr. no. 6: 4 Je '61.

ORTHODOX EASTERN CHURCH—PERIODICALS see subdivision under Rumania; Yugoslavia

ORTHODOX EASTERN CHURCH—RELATIONS

Celebration of the name day of the Patriarch of Bulgaria Zhur Mosk Patr. no 7 7 Jl '61.

Delegation of the Russian Orthodox Church to the All-Christian Congress in the Defense of Peace. Zhur. Mosk. Patr no. 6:1-5 Je '61

Easter greetings from Makarios, Archbishop of Cyprus, and Vazgen I, Supreme Patriarch Catholicos of all Armenia, to His Holiness Patriarch Alekseii Zhur. Mosk. Patr. no. 6:3-4 Je '61.

In the name of unity and peace (pilgrimage of His Holiness Patriarch Alekseii to the holy places of the East) Holy places in Jerusalem today (conclusion) N. Uspenskii Zhur. Mosk Patr. no. 7 6-28 Jl '61.

In the name of unity and peace (pilgrimage of His Holiness Patriarch Alekseii to the holy places of the East). Holy places in Jerusalem today (to be concluded) N D Uspenskii. Zhur. Mosk Patr. no. 6:5-25 Je '61.

Messages of greetings received by His Holiness Patriarch Alekseii Zhur Mosk. Patr. no. 7 3-4 Jl '61.

ORTHODOX EASTERN CHURCH—RELATIONS—CATHOLIC CHURCH

Reply to an anticritique. A. Shishkin. Zhur. Mosk. Patr. no 6:76-80 Je '61.

ORTHODOX EASTERN CHURCH, UKRAINIAN

Lipkivs'kii, Vasil', Metropolitan of Kiev and all Ukraine. [History of the Ukrainian Orthodox Church] Istoriia Ukrains'koi Pravoslavnoi TSerkvy. Winnipeg, Nakladom fundatsii Ivana Gryshchuka.

Chapter 7. [Rebirth of the Ukrainian Church] Vidrodzhennia Ukrains'koi TSerkvy. Iz vstupom i zamitkamy S. V. Savchuka. 1961. lxxxviii, 181 p.

ORTHOGONAL FUNCTIONS see Functions, Orthogonal

ORTHOPEDIC SHOES see subdivision under Moscow

ORTHOPEDIC SOCIETIES see subdivision under Georgia

ORULGAN RANGE—AMMONOIDEA

Upper Carboniferous ammonoidea from the Orulgan range, IU. N. Popov. Trudy NIIGA 111:82-92 '60.

ORULGAN RANGE—GEOLOGY, STRATIGRAPHIC

Upper Carboniferous deposits of the Orulgan Range. A. N. Naumov. Trudy NIIGA 111:24-27 '60.

ORYNYA DISTRICT—HOME AND SCHOOL

Regional parents conference. I. V. Komanovs'kyi. Rad. shk. 40 no 8 65-66 S '61

OSAKAROVKA DISTRICT—RHINOCEROS, FOSSIL

Concerning the specific features of the seventh cervical vertebra in Elasmotherium sibiricum Fisch. B. S. Kozhamkulova. Mat. po ist. fauny i flory Kazakh. 9:53-57 '61.

OSCILLATIONS

Oscillatory relaxation of diatomic molecules [with summary in English] A I Osipov. Zhur. fiz. khim 35 no 7 1521-1528 Jl '61

OSCILLATIONS—ELECTROMECHANICAL ANALOGIES

Electronic modeling of transverse vibrations of rods in the presence of axial forces. A. V. Baranov, V. P. Kandidov, A. E. Ordinovich. Vest. Mosk. un. Ser. 3 Fiz., astron. 16 no. 3 43-51 My-Je '61.

OSCILLATORS, CRYSTAL

Certain characteristics of the ultrasonic piezoelectric effect on surface-type oscillations. B A Finagin Trudy LKI no 29 251-255 '59

OSCILLATORS, ELECTRIC

Audio generator. K. Anisimov. Radio no. 5:47-48 My '61.

Concerning a certain possibility of generating sinusoidal FM oscillations. V. G Kriksunov Radiotekhnika 16 no. 7:33-37 Jl '61

Generator of fixed frequencies. A. Panin. Radio no. 6 49-50 My '61

Highly stable terminal stages of low-frequency transistor sweep generators A. Z. Model', V. V Dranginis. Radiotekhnika 16 no. 7 52-59 Jl '61.

Problems concerning the use of cathode followers in phantastron circuits A M Tomashpol'skii. Radiotekhnika 16 no. 7 38-45 Jl '61

Shtein, N. I. [Harmonic self-oscillator] Aviogeneratory garmonicheskikh kolebanii. Moskva, Gos. energ. izd-vo, 1961. 622 p.

Studying cavitation erosion of aluminum bronzes with a magnetostrictive oscillator V V Gavranek Trudy KhPI 21 Ser met. no 4 3-16 '59

Subharmonic parametric generators as elements of super-high-speed digital computers, a survey [with summary in English] S A Akhmanov, A S. Roshal' Izv. vys. ucheb zav., radiofiz 4 no 2 203-243 '61

Teterich, N. M. [Noise generators] Generatory shuma. Moskva, Gos. energ. izd-vo, 1961. 183 p.

Use of glow-discharge thyratrons for controlling gas-discharge counting and switching tubes. B. A. Gofman, F. M. Iablonskii. Radiotekhnika 16 no. 7.60-63 Jl '61.

Utilization of generator tubes at superhigh frequencies. M. I. Lysenko, L. A. Rytov. Vest. protivovozd. obor. no. 4 59-61 Ap '61.

OSCILLATORS, TRANSISTOR

Temperature instability of the frequency of self-oscillators operating on transistors M. N Merzliakova Izv vys ucheb zav., fiz. no. 1 110-114 '61

OSCILLOGRAPH—EQUIPMENT AND SUPPLIES

Attachment for an oscillograph for observing resonance curves. B. Minin. Radio no. 5 50 My '61.

OSH DISTRICT—OFFENSES AGAINST SOCIALIST PROPERTY

Let's protect public property. T. Amanaliev. Part zhizn' no 15/16:139-141 Ag '61

OSMOSIS

Analyzing the mechanism of primary osmotic regulation reactions O G. Karandeeva Dokl. AN SSSR 139 no. 3:755-758 Jl '61

Kinetics of the exosmosis of water from tissues of plants belonging to different ecological types A P. Petrov Nauch. dokl. vys. shkoly, biol nauki no 3.138-142 '61

OSNOVA (KHARKOV PROVINCE)—RAILROADS—STATIONS

Shutov, A. I., and G. I. Oleshko. [Improving the technical operation of the Osnova Railroad Station] Sovershenstvovanie tekhnologii raboty stantsii Osnova. Moskva, Vses. izdatel'sko-poligr. ob'edinenie M-va putei soobshcheniia, 1961. 34 p.

OSSETIA—HISTORY

Akademiia nauk Gruzinskoi SSSR, Tiflis. IUgo-Osetinskii nauchno-issledovatel'skii institut, Stalinir. [Recollections of participants in the revolution of 1905-1907 and the civil war of 1917-1921 in South Ossetia. Vospominaniia uchastnikov revoliutsii 1905-1907 gg. i grazhdanskoi voiny v IUgo-Osetii 1917-1921 gg. Stalinir, Gosizdat IUgo-Osetii] 1960. 333 p. [In Ossetian.] (MH)

Doguzov, N. V. [Revolutionary movement in southern Ossetia in the late 19th and the early 20th century] Revoliutsionnoe dvizhenie v IUgo-Osetii v kontse XIX-nachale XX vv. Stalinir, Gosizdat, IUgo-Osetii, 1960. 332 p.

OSSETIA—SCHOOL GARDENS

Exhibition of the results of work on a school experimental plot. A. I. Ivanova. Biol. v shkole no. 3:47-53 My-Je '61.

OSTADE, ADRIAEN VAN, 1610-1684

Small Hollander. A. Zhukova. Ogonek 39 no. 28:8 Jl '61

OSTEITIS FIBROSA

Diseases of the skull bones in Recklinghausen's neurofibromatosis [with summary in English] G V Panfilova. Oft. zhur. 16 no 4 217-221 '61

OSTEOLOGY see Bones

OSTEOPLASTY see Bone grafting

OSTRACODA, FOSSIL see subdivision under Russian Platform, West Siberian Plain

OSTRICHES, FOSSIL see subdivision under Tien Shan

OSTROVSKII, ALEKSANDR NIKOLAEVICH, 1823-1886

Language and the times D Kholodov. Teatr 22 no 7: 134-144 Jl '61

OTOLARYNGOLOGY

"Diseases of the ear, throat, and nose" by A G Likhachev Reviewed by IA L Kots Fel'd i akush 26 no. 7 61-63 Jl '61.

OUTBOARD MOTORS

Honored inventor E Tile Nauka i zhyttia 11 no 6 50-51 Je '61

OUTDOOR LIFE

Gorinevskaia, V. V., and N. M. Peisakhov. [Touring on foot] Peshekhodnyi turizm. Izd. 2 Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 71 p. (Bibliotechka shkol'nika)

OVARIES

Effectiveness of radiation ovarian castration as a method of treating patients with far advanced forms of breast cancer and postoperative prevention of metastases [with summary in English]. L. M Gol'dshtein Vop. onk 5 no 11:536-546 '59.

OVARIES—CANCER

Kraevskaia, I. S. [Cancer of the ovaries] Rak iaichnikov. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 130 p. (DNLM)

OVENS

Oven for baking meat pies N. Brodskii, N. Riabchinskii. Mias ind SSSR 32 no 3.51 '61

Remodeled FTL-2 oven with a steam chamber for pretzels. A. S. Koksharov. Khleb i kond. prom. 5 no. 7 29-31 Jl '61.

OVERTIME

(see also subdivision under Odessa)

Compensation for working on holidays and days off. A. Borisova Okhr truda i sots strakh 4 no 6:38-39 Je '61

OVERVOLTAGE

Hydrogen overvoltage on a zinc electrode in alkaline solutions Effect of the concentration of a potassium hydroxide solution [with summary in English] Z. A. Iofa, L. V. Komlev, V. S Bagotskii Zhur fiz khim 35 no. 7:1571-1577 Jl '61.

Polarization during the electrodeposition of iron group metals Part 1 Steady state potential and overvoltage of iron deposition [with summary in English]. V N Kuznetsova and others Zhur fiz. khim 35 no 7 1406-1410 Jl '61

OVIDIOPOL' DISTRICT—PETROGLYPHS

Anthropomorphic petroglyphs from the village of Roksolany L. P Latysheva. Mat z arkheol Pivn Prychor no 3 218-221 '60

OWLET MOTHS

Some data on the feeding of the owlet moths Polia oleracea L. and P. dissimilis Knoch. O. I Merzhaeuskaia, [illegible] nav. no. 2.

Kinetics and mechanism of methane oxidation Part 5 Constant rate of methane oxidation [with summary in English]. L V Karmilova and others. Zhur. fiz khim 35 no 7 1435-1442 Jl '61

Kinetics and mechanism of methane oxidation Part 6 Mechanism of carbon dioxide formation and the evaluation of the stationary state concentration of hydroxyl radicals in the reaction [with summary in English] L. V. Karmilova, N. S. Enikolopian, A. B Nalbandian Zhur fiz khim 35 no 7 1458-1464 Jl '61

Kinetics of the oxidation of $U^{(IV)}$ by a chlorite in acid solutions L. A. Knavekii, L. A Fedorova Radiokhimiia 3 no 3 339-347 '61

Oxidability of certain low-melting metals. R. F. Voitovich Izv. AN SSSR Otd. tekh nauk Met. i topl no. 3: 90-95 My-Je '61

Oxidation of cetane at high temperatures. K. A. Chervinskii, A. M. Orlianskii. Khim. i tekh. topl. i masel 6 no. 6:15-16 Je '61.

Oxidation of n-butane in the gaseous and liquid phases. E. A. Blumberg, G. E. Zaikov, N. M. Emanuel'. Dokl AN SSSR 139 no 1:98-101 Jl '61

Oxidation of triphenylaluminum and phenyllithium G. A. Razuvaev, E. V Mitrofanova, G. G. Petukhov. Zhur. ob. Khim. 31 no. 7:2343-2347 Jl '61

OXIDATION, ELECTROLYTIC

Electrochemical behavior of nickel in sulfuric acid in the presence of various oxidants [with summary in English]. N. IA. Bune, IA. M. Kolotyrkin Zhur. fiz. khim. 35 no. 7 1543-1550 Jl '61.

OXIDATION, PHYSIOLOGICAL

Biochemical changes associated with oxidation deficiency in staphylococci. G. F. Gauze, G. V. Kochetkova, G. B. Vladimirova. Dokl. AN SSSR 139 no 1.223-226 Jl '61

Oxidation of organic acids by a culture of Actinomyces violaceus strain 719 (Rus). M. N Bakhtereva. Mikrobiologiia 29 no. 2:184-189 Mr-Ap '60

OXIDATION-REDUCTION REACTION

Oxidation and reduction induced by radical products formed in the radiolysis of organic compounds V. A. Larin, N. A Bakh. Dokl AN SSSR 139 no. 2 406-409 Jl '61.

Radiosensitive links in the system of cellular oxidation-reduction enzymes bound with mitochondria. N A. Pomoshchnikova, T. S Sokolova Radiobiologiia 1 no 2:200-205 '61

Types of oxidation-reduction media in Cretaceous and Tertiary deposits of Turkmenia. P. S. Slavin. Izv. AN SSSR. Ser. geol. 26 no. 7:88-100 Jl '61.

OXONIUM COMPOUNDS

Tri-n-aminotriphenyloxonium cation as a structural analog of parafuchsin. A. N. Nesmeianov, T. P. Tolstaia, A V. Grib Dokl. AN SSSR 139 no. 1:114-116 Jl '61.

OXYACETYLENE WELDING see Gas welding and cutting

OXYGEN

Effect of oxygen adsorbed on germanium surface on the lifetime of minority current carriers. R Kh. Burshtein, S I Sergeev Dokl. AN SSSR 139 no 1:134-136 Jl '61.

Effect of potassium sulfate additions on the lability of oxygen in vanadium pentoxide [with summary in English] L. A. Kasatkina, G. K. Boreskov, P. N. Sokolov. Zhur. fiz khim. 34 no. 2:360-366 F '60.

Flash combustion in the microdetermination of carbon and hydrogen in a rapid flow of oxygen [with summary in English] V. A Klimova, T. A. Antipova. Zhur. anal. khim. 16 no 4:465-468 Jl-Ag '61.

From the editor Izv vys ucheb. zav.; radiofiz. 4 no 2:380-381 '61.

Interaction of oxygen with the anions absorbed on platinum from solution. V E. Kazarinov, N. A. Balashova. Dokl. AN SSSR 139 no. 3:641-644 Jl '61

Obtaining oxygen from hydrogen peroxide by using liquid catalyzers. I. I. Balaev. Khim. v shkole 15 no. 3:60-62 My-Je '60

Oxidation of ammonia aqueous solutions with oxygen at 320°. L. Pika. Zhur prikl. khim. 34 no. 7:1621-1622 Jl '61.

Photochemical investigation of the mechanism of reaction between oxygen atoms and acetaldehyde. L. I. Avramenko, R. V. Kolesnikova. Izv. AN SSSR. Otd. khim. nauk no. 7:1231-1234 Jl '61.

OXYGEN—ISOTOPES

Determination of the isotopic composition of oxygen in solids [with summary in English] V. G. Finikov Zhur. anal. khim. 16 no. 4:499-500 Jl-Ag '61.

Incorporation of O^{18} from heavy oxygen water into violaxanthin due to the action of light on plants D. I. Sapozhnikov and others Bot. zhur. 46 no. 5:673-676 My '61.

Separation of oxygen isotopes in the electrosynthesis of ozone. V. K. Korovkin and others. Zhur. fiz. khim 35 no. 7.1648-1650 Jl '61.

OXYGEN—PHYSIOLOGICAL EFFECT

Comparative action of oxygen and carbon dioxide on some metabolic and enzymatic processes of the liver K. Stoicheseu, A. M Zirra, L. A. Voicu Vop. kur., fiziolet i tech fiz. kul't 26 no 3 227-229 My-Je '6

Radiation protective effect of some agents and the "oxygen effect" E IA Gracvskii, M M Konstantinova. Radiobiologiia 1 no 2:270-277 '61.

OXYGEN—THERAPEUTIC USE

Use of oxygen in various hypoxic states V A Kozyrev Fel'd i akush 26 no 7 26-29 Jl '61

OXYTROPIS see subdivision under Yakutia

OZONE

Kinetics of the reaction between ammonia and ozone in aqueous solutions [with summary in English] S. I. Papko Zhur. fiz. khim. 34 no 2 [illegible]

Oxidation of microconcentrations of nitric oxide to nitrogen dioxide by ozone in a gas flow [with summary in English] M. T. Borok, Zhur fiz khim 34 no 2:272-277 F '60.

Separation of oxygen isotopes in the electrosynthesis of ozone V K Korovkin and others Zhur. fiz khim 35 no 7 1648-1650 Jl '61

PACIFIC OCEAN—OCEANOGRAPHIC RESEARCH

Expedition of the research ship "Vitiaz'" in the northern part of the Pacific Ocean (20th cruise). N N. Syomin Biul Okean. kom. no 6 31-36 '60

PACIFIC OCEAN—PROCELLARIIFORMES

Procellariiformes in whaling areas of the northwestern Pacific. M. M. Sleptsov. Ornitologiia no. 2:276-281 '59.

PACIFIC OCEAN—SEDIMENTATION AND DEPOSITION

Rate of recent and late Quaternary sedimentation in the southern part of the Pacific Ocean according to the data of the radiocarbon method I. I. Starik, A P Zharkov, A P. Lisitsyn. Dokl AN SSSR 139 no. 4 970-973 Ag '61.

PACIFIC OCEAN—TIDES—MAPS

Recent maps representing cotidal lines of diurnal tidal waves (K_1 and O_1) for the Pacific Ocean. K T Bogdanov. Dokl. AN SSSR 139 no 3:713-716 Jl '61.

PACIFIC OCEAN—WHALES

Slepstsov, M. M. [Cetaceans of the Far Eastern seas] Kitoobraznye dal'nevostochnykh morei. Izd. 2., ispravlennoe i dop. Vladivostok [Primorskoe knizhnoe izd-vo] 1955. 161 p.
(WaU)

PACKAGING

More economic methods for packing furniture. B. G Krylov. Der. prom. 10 no. 7:15 Jl '61

Packaging dressed poultry in plastic. O. Moskaleva. Mias. ind. SSSR 32 no 3.29-31 '61.

PACKAGING MACHINERY

Using the AP-ID automatic packaging machine at the Chelyabinsk Groat Mill. I Levitin, Muk.-elev. prom. 27 no. 4:20 Ap '61.

PACKED TOWERS

Analogy of some hydrodynamic conditions of work of grid-tray and packed columns. V. V. Kafarov, IU. G. Zolinskii. Khim. i tekh. topl. i masel 6 no. 6:34-40 Je '61.

PACKING (MECHANICAL ENGINEERING)

Device for packing gaskets of stopping cocks V. P. Karpenko. Sbor. rats. predl. vnedr. v proizv. no. 1:45 '61.

Replacing turned cast-iron packings with stamped packings in assembling running rollers T. A Dobiyasha, A. V. Solov'eva. Sbor. rats. predl. vnedr. v proizv no 9-10 '61.

PACKING FOR SHIPMENT

Packing refractory brick. V. K. Shestopalov. Ogneupory 26 no. 7:308-309 '61.

PAINT MACHINERY see subdivision under Leningrad

PAINTING

Independent analysis of paintings by students. G. I. Gusev Sov. pedag. 25 no. 6:93-98 Je '61.

Strasov, V. V. [Selected articles on Russian painting, for secondary schools] Izbrannye stat'i o russkoi zhivopisi; dlia srednei shkoly. Moskva, Gos. izd-vo detskoi lit-ry, 1960. 237 p. (Shkol'naia biblioteka)
(NN)

PAINTING—EQUIPMENT AND SUPPLIES

TsNIL-3 moveable painting station. M. I. Kosiushko. Stroi. i dor. mash 6 no. 7:31-33 Jl '61.

PAINTING—STUDY AND TEACHING

Maslennikova, Z. D. [Working with paints in schools] Rabota kraskami v shkole. Leningrad, Uchpedgiz, 1959. 70 p. illus.
(CLU)

PAINTING, INDUSTRIAL

Equipment for mechanical painting of premises. E. M. Rubin. Sbor. nats. predl. vnedr. v proizv. no. 2 69-70 '61.

PAINTING, INDUSTRIAL—BIBLIOGRAPHY see Bibliography—Painting, Industrial

PAINTINGS, BULGARIAN

[Painting in the Bulgarian People's Republic] Zhivopis' narodnoi respubliki Bolgarii [Leningrad, 1960] folder (plates) (Vystavka proizvedenii izobrazitel'nogo iskusstva sotsialisticheskikh stran, Moskva, 1958-1959 gg.)

PAINTINGS, ETHIOPIAN—EXHIBITIONS see subdivision under Moscow

PAINTINGS, RUSSIAN

[Russian art during the first half of the 19th century; reproductions] Russkoe iskusstvo pervoi poloviny XIX veka, reproduktsii [Moskva, Izogiz, 1960. 4] p. 12 plates (Istorita russkogo iskusstva) (MH)

PALEOBOTANY see subdivision under Volga-Ural region

PALEOBOTANY—CRETACEOUS see subdivision under Maritime Territory

PALEOBOTANY—PLIOCENE see subdivision under Kodor Range; Sukhumi

PALEOBOTANY—TERTIARY see subdivision under Crimea

PALEOBOTANY, STRATIGRAPHIC see subdivision under Boroiday, Indigirka Valley; Kungei Ala-Tau, Russian Platform

PALEOCLIMATOLOGY

Climate of the Triassic in the southeastern part of the European U.S.S.R. V. G. Ochev. Izv. vys. ucheb. zav., geol. i razv. 3 no. 6 18-22 Je '60

PALEOCLIMATOLOGY—MAPS

Recent paleoclimatic maps of geological epochs. G. I. Bushinskii. Priroda 50 no. 8, 51-58 Ag '61

PALEOGEOGRAPHY

(see also subdivision under Kara Kum)

Follow-up to L. V. Zorina's article "Concerning the paleogeographic importance of frozen ground." G. M. Epshtein. Izv. vys. ucheb. zav.; geol. i razv. 4 no. 1: 125-126 Ja '61.

PALEONTOLOGICAL RESEARCH see subdivision under Kazakhstan; Mongolia; Zyryanovsk region

PALEONTOLOGY

(see also subdivision under Buryat-Mongolia, Yaroslavl Province)

Holotypes preserved in the paleobiological collection of the Nature Museum of the Institute of Zoology of the Academy of Sciences of the Kazakh S.S.R. *In* Alma-Ata. L. A. Makarova, E. R. Orlovskaia. Mat. po ist. fauny i flory Kazakh. 3:183-187 '61.

Philosophical problems in paleontology. A. I. Ignatov. Vop. filos. 15 no. 7:156-159 '61.

Photography of paleontological objects. N. I. Kaplunenko. Mat. po ist. fauny i flory Kazakh. 3:191-193 '61.

PALEONTOLOGY, STRATIGRAPHIC see subdivision under Severnyy Ak-Tau; Siberia, Western; Tarkhankut, Cape, Ural Mountain region; Uzhok region

PALIASHVILI, ZAKHARII PETROVICH, 1872-1933

Donadze, V. G. Zakharii Paliashvili. Moskva, Gos. muzykal'noe izd-vo, 1958. 232 p.

PALLADIUM

Catalytic synthesis of hydrogen peroxide from the elements on palladium. Part 3: Active centers of the catalytic decomposition of hydrogen peroxide on palladium [with summary in English]. T. A. Pospelova, N. I. Kobozev. Zhur. fiz. khim. 35 no. 6:1192-1197 Je '61.

Infrared spectroscopy method of studying chemical reactions on a palladium surface. N. N. Kavtaradze, V. I. Lygin. Zhur. VKHO 6 no. 4 472-473 '61.

Phase diagram of the system palladium - tellurium. Z. S. Medvedeva and others. Zhur. neorg. khim. 6 no. 7:1737-1739 Jl '61.

System palladium - rhodium - silver. A. A. Rudnitskii, A. N. Khotinskaia, K. S. Dupilk. Zhur. neorg. khim. 6 no. 7:1622-1625 Jl '61.

PALLADIUM—ANALYSIS

Simultaneous determination of palladium and platinum by means of tin dichloride. A. T. Pilipenko, I. P. Sereda. Ukr. khim. zhur. 27 no. 4, 524-528 '61.

PALLADIUM COMPOUNDS

Synthesis of a benzonitrile derivative of allylpalladium chloride. N. M. Klimenko, I. I. Moiseev, IA. K. Syrkin. Izv. AN SSSR, Otd. khim. nauk no. 7:1355 Jl '61.

PALMITIC ACID

Decarboxylation of palmitic and stearic acids. IA. I. Sereda, R. G. Makitova, M. A. Gevorkian. Ukr. khim. zhur. 27 no. 4 551-552 '61

PALYNOLOGY see subdivision under Caspian Lowland, Fergana; Gudauta District; Krasnoyarsk Territory, Russian Platform; Saty Valley

PAMIRS—GROUSE

Biology of the Tibetan sand grouse (Tchangtangin tibetana Gould) in the Pamirs. A. I. Abdusalliamov. Ornitologiia no. 2, 218-220 '59.

PANCREAS—SECRETIONS

Effect of curds, and sour and fresh milk on the secretion of chymotrypsin and sodium carbonate in pancreatic juice of dogs [with summary in English]. N. P. Plintnikii, M. N. Selitokova. Vop. pit. 19 no. 2:45-48 Mr-Ap '60.

Enzyme-secreting function of the intestine in dogs with exclusion of pancreatic secretion and maintained on different diets [with summary in English]. O. I. Shvetsova. Vop. pit. 19 no. 2:48-54 Mr-Ap '60

PANKRATOVA, ANNA MIKHAILOVNA, 1897-1957

Publication of Academician A. M. Pankratova's studies. V. V. Al'tman. Vop. ist. no. 8 167-169 Ag '61.

PANTOGRAPH

Protection of overhead equipment on the ER1 electric train. P. M. Volodin, N. A. Lapin. Elek. i tepl. tiaga 5 no. 5 25-26 My '61.

PAPAIN

Faster aging of meat by papain injection prior to slaughtering. Mias. ind. SSSR 32 no. 1 62 '61.

PAPER

Changes in the chemical and mechanical properties of paper following the action on it of the fungus Gymnoascus setosus [with summary in English]. IU. P. Niuksha. Mikrobiologiia 29 no. 2:276-280 Mr-Ap '60.

PAPER CHROMATOGRAPHY

Determination of free amino acids in blood serum of healthy subjects. E. I. Atakhanov, A. M. Kharat'ian. Lab. delo 7 no. 6 13-16 Je '61.

Free radical separation by paper chromatography. A. L. Buchachenko, M. B. Neiman. Dokl. AN SSSR 139 no. 4: 916-918 Ag '61

Paper chromatography of diaryl organotin compounds and its use in the study of the products of reaction between asymmetric diaryliodonium salts and tin dichloride. O. A. Reutov, O. A. Plitsyna, M. F. Turchinskii. Dokl. AN SSSR 139 no. 1:146-149 Jl '61.

PAPER INDUSTRY

Automation of the production and training of workers for the paper industry. A. Shteinberg. Prof.-tekh. obr. 18 no. 7 28-29 Jl '61.

PAPER INDUSTRY—HYGIENIC ASPECTS

(see also subdivision under Sokol)

Shabalin, A. E. [Industrial hygiene in the woodpulp and paper industry] Gigiena truda v tsellulozno-bumazhnoi promyshlennosti. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 18 p.

PAPUANS

Miklukha-Maklai, N. N. [On the shores of Maklay] Na beregu Maklaia. Moskva, Izd-vo Akad. nauk SSSR, 1961. 329 p.

PARACHUTE TROOPS

Parachutists seize a road junction. P. Aderol. Voen. vest. 40 no. 4:29-31 Ap '61.

PARACHUTING

(see also subdivision under Dymer District; Sverdlovsk Province)

On a signal from the ground. A. Skopinova. Kryl. rod. 12 no. 5:13 My '61.

With a straight line but from a lower base. R. Berzin, G. Martynenko, V. Ushchenko. Kryl. rod. 12 no. 4, 12 Ap '61.

PARAFFIN WAX

Potentiometric method of determining the content of free alkali in a saponified oxidate. R. M. Beattskii, B. P. Kotel'nikov, A. A. Karpenko. Masl.-zhir. prom. 27 no. 7:30-32 Jl '61.

Regeneration of the catalyst for the oxidation of paraffin from sludge water. V. I. Babaev and others. Masl.-zhir. prom. 27 no. 7:28-30 Jl '61.

PARAFFINS

Heminal difindandionylalkanes. L. S. Gelta, G. IA. Vanag. Dokl. AN SSSR 138 no. 3:597-600 Jl '61.

Hydrofining of paraffin from eastern sulfur-bearing crudes. K. M. Badyshtova. Khim. i tekh. topl. i masel 6 no. 6:21-26 Je '61.

Liushin, S. F., and others. [Paraffin control in the recovery of oil] Bor'ba s otlozheniiami parafina pri dobyche nefti. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 149 p.

Molecular ions of n-paraffins. M. V. Gur'ev. Zhur. fiz. khim. 34 no. 2:475 F '60.

Telomerization of ethylene with polychloroalkanes containing a CCl_2 Br group. V. N. Kost, R. Kh. Freidlina. Izv. AN SSSR Otd. khim. nauk no. 7:1252-1256 Jl '61

PARAFUCHSIN

Tri-n-aminotriphenyloxonium cation as a structural analog of parafuchsin. A. N. Nesmeianov, T. P. Tolstaia, A. V. Grib. Dokl. AN SSSR 139 no. 1:114-116 Jl '61

PARAGENESIS

Paragenetic associations in ore occurrences on the western slope of the Kugitang Range. IU. S. Spivak. Izv. AN Turk. SSR, Ser. fiz.-tekh., khim. i geol. nauk no. 3:74-79 '61

PARALYSIS

Problem of the allergic nature of paralysis appearing after the administration of rabies vaccine [with summary in French]. A. M. IUrkovskii, L. I. Rovkina, A. A. Zhukova. Zhur. nevr. i psikh. 61 no. 3 374-381 '61.

PARALYSIS, INFANTILE see Poliomyelitis

PARAMAGNETIC RESONANCE AND RELAXATION

Al'tshuler, S. A., and B. M. Kozyrev. [Electron paramagnetic resonance] Elektronnyi paramagnitnyi rezonans. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 368 p.

Effect of unresolved structures on the line width in electron paramagnetic resonance [with summary in English]. R. Kh. Timerov. Zhur. eksp. i teor. fiz. 40 no. 4:1101-1105 Ap '61.

Electron paramagnetic resonance in some carbon blacks. N. S. Garifianov, A. V. Il'iasov, IU. M. Ryzhmanov. Zhur. tekh. fiz. 31 no. 6 694-698 Je '61.

Electron paramagnetic resonance of the V^{3+}-ion in corundum [with summary in English]. G. M. Zverev, A. M. Prokhorov. Zhur. eksp. i teor. fiz. 40 no. 4:1016-1018 Ap '61.

Electron paramagnetic resonance spectra of hippuric acid irradiated by gamma rays of Co^{60}. M. P. Votinov and others. Radiobiologiia 1 no. 1:149-150 '61

Electron paramagnetic resonance study of the interaction of tumor and normal cells with semiquinone ion radicals originating from the inhibitors of free-radical processes [with summary in English]. A. L. Kaimanson, L. P. Lipchina, A. G. Chetverikov. Biofizika 6 no. 4 410-423 '61.

Relaxation phenomena in the paramagnetic resonance of Mn^{2+} ions in the cubic crystal field of SrS [with summary in English]. A. A. Manenkov, V. A. Miliaev. Zhur. eksp. i teor. fiz. 41 no. 1:100-105 Jl '61.

Some aspects of the theory of relaxation phenomena. A. S. Kuznetsov. Uch. zap. Tadzh. un. 18 66-69 '58.

Spin-acoustic resonance in paramagnetic metals [with summary in English]. V. I. Gerasimenko. Zhur. eksp. i teor. fiz. 40 no. 2 585-589 F '61.

PARASITES—BATS

Helminth fauna of bats in the Byelovezhska Pushcha. IU. F. Marozau. Vestsi AN BSSR. Ser. biol. nav. no. 2: 92-98 '61.

PARASITES—BIRDS

Some data on the biology and individual development of Dermanyssus hirundinis (Herman, 1804) Berlese (Gamasoides). O. M. Butenko. Nauch. dokl. vys. shkoly, biol. nauki no. 3, 26-30 '61.

PARASITES—CARP

Disorders of carbohydrate metabolism in cyprinoid fishes infested by Ligula and Diagramma. N. A. Kosareva. Dokl. AN SSSR 139 no. 2:510-512 Jl '61.

PARASITES—FISHES

Formation of the parasite fauna and diseases of fishes in reservoirs [with summary in English on page 456]. O. N. Bauer. Izv. VNIORKH 50:445-451 '61.

PARASITES—FROGS

Temperature adaptations in parasitic protozoans from the common frog (Rana temporaria L.) and the lake frog (Rana ridibunda Pall.). K. M. Sukhanova. Dokl. AN SSSR 139 no. 1:252-255 Jl '61

PARASITES—GERBILS

New coccid species of the genus Eimeria from Vinogradov's gerbils (Meriones Vinogradovi Heptn.) in the Nakhichevan A.S.S.R. A. M. Veisov. Izv. AN Azerb. SSR, Ser. biol. i med. nauk no. 4:25-35 '61.

PARASITES—RUMINANTIA

Asadov, S. M. [Helminth fauna of ruminants of the U.S.S.R. and its ecological and geographical analysis] Gel'mintofauna zhvachnykh zhivotnykh SSSR i ee ekologo-geograficheskii analiz. Pod red. K. I. Skriabina. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1960. 510 p.

PARENAGO, PAVEL PETROVICH, 1906-1960

Pavel Petrovich Parenago (1906-1960); obituary. M. M. Dagaev. Biul. VAGO no. 20:54-56 '61.

PARENT AND CHILD
Editor's mail Semlia i shkola 16 no 5:38 My '61
Importance of the personal example of adults in the education of children I M Prokopenko Rad shk 40 no 8 67-68 S '61
Joke but do not lie Semlia i shkola 16 no 5:10 My '61
Joy enters the house. S Nesterovich. Uzbekistan 20 no 6 23 Je '61
On love and respect for mother N Levitov Semlia i shkola 16 no 5 10-12 My '61
Our boys V M. Demkina Doshk vosp 34 no 7 73-74 Jl '61

PARENTS' AND TEACHERS' ASSOCIATIONS see subdivision under Erivan

PARIS—COMMUNE, 1871
Kheifets, F. A. [Paris Communards] Parizhskie kommunary. Moskva, Gos. izd-vo polit. lit-ry, 1961. 85 p.
Sessions devoted to the 90th anniversary of the Paris Commune G S Kucherenko Vop ist no 7:177-179 Jl '61

PARIS—EXHIBITIONS
Excavators at the exhibition in Paris V A Cherkashnev, V M. Kazarinov Mekh stroi 18 no 5 27-31 My '61

PARIS—MUSIC
Two weeks in Paris. G. Shneerson. Sov. muz. 25 no. 7 126-132 Je '61.

PARIS—SEWERAGE
Water supply and sewerage in Paris Gor. khoz Mosk 35 no 6 42-3 of cover Je '61

PARIS—WATER-SUPPLY ENGINEERING
Water supply and sewerage in Paris Gor khoz Mosk 35 no 6 42-3 of cover Je '61

PAROLE
Current plenary session of the Supreme Court of the U S S R. Biul Verkh. Suda no. 3:1-6 '61.
Decision No. 2 of the plenary session of the Supreme Court of the U.S.S.R. of March 4, 1961 "Judicial practice in release on parole." Biul. Verkh. Suda no 3:11-17 '61.

PARQUET FLOORS
Modern methods of laying parquet floors Stroitel' no 6 9 Je '61
Panel parquet floor made of birch strips V. Protserov Zhil.-kom khoz 11 no 7 27-29 Jl '61.

PARROT FEVER see Psittacosis

PART, ARVO
Part and Tormis compose for the chorus. L Normet. Sov. muz. 25 no. 7 40-42 Jl '61.

PART-TIME FARMING
A good harvest means abundant food B Mushinskii. Sots. obesp 22 no 7 43-44 Jl '61
Two households and two results. S Orlov, N. Karaseva Sots obesp 22 no. 6 36-10 Je '61

PARTHIA—HISTORY
How Rome struggled with Parthia between the first and second triumvirates I. D. Holovko. Mat z arkheol. Piva Prychor no 3 113-125 '60

PARTIAL DIFFERENTIAL EQUATIONS see Differential equations, Partial

PARTICLE ACCELERATORS
Building plans and construction elements of new accelerator installations. A. N. Komarovskii. Sbor. trud. MISI no. 36 3-15 '61.
Calculation of the loss of accelerated particles due to scattering on gas. A G Vlasov. Izv vys ucheb zav., fiz no 1 20-23 '61.
Effect of pressure in a vacuum chamber on the emission intensity of accelerators. A G. Vlasov. Zhur. tekh. fiz. 31 no. 5 613-615 My '61.
Effect of the change in the frequency on the output power in a linear electron accelerator [with summary in English] A V Shal'nov, N M Gavrilov Izv vys ucheb zav., radiofiz 4 no. 2 306-308 '61
Heavy-current electron accelerator. V. T. Tolok and others. Atom. energ 11 no 1:41-45 Jl '61
Particles loss in electron accelerators due to quantum fluctuations of the radiation (phase oscillations). S. A. Kheifets, IU. F. Orlov, G. V. Gendzhelan. Zhur. tekh. fiz. 31 no 7,824-829 Jl '61
Possibility for accelerating large current pulses in linear electron accelerators. N. A Khizhniak and others Atom. energ. 11 no 1:34-40 Jl '61
Transients in an accelerating system due to particle injection. S. A Kheifets, A. I. Baryshev. Zhur. tekh. fiz. 31 no. 5 606-612 My '61.

PARTICLE ACCELERATORS—SAFETY MEASURES
Kuznetsova, L. V. [Industrial hygiene during work with some types of accelerator installations] Gigiena truda some types of accelerator installations] Gigiena truda pri rabote na nekotorykh vidakh uskoritel'nykh ustanovok. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 70 p. (Biblioteka prakticheskogo vracha) [MICROFILM]

PARTICLES (NUCLEAR PHYSICS)
Behavior of the cross section of electromagnetic particle production at the threshold. V. N Baier, S. A. Kheifets. Zhur eksp i teor. fiz 40 no 2:715-717 F '61.
Chechulin, A. A. [Physics of the atom, the atomic nucleus, and elementary particles] Fizika atoma, atomnogo iadra i elementarnykh chastits, uchebnoe posobie po obshchemu kursu fiziki. Leningrad, Severo-Zapadnyi zaochnyi politekhn in-t, 1960. 152 p
Contribution to the theory of fermion masses [with summary in English] IA. B. Zel'dovich Zhur. eksp i teor fiz 40 no. 2 537-540 F '61.
Determining the parities of strange particles by means of dispersion relations [with summary in English] IA. I Granovskii, V. N. Starikov Zhur. eksp. i teor. fiz. 40 no. 2 537-545 F '61.
Dispersion relations for vertex parts [with summary in English] IU M. Maliutin. Zhur eksp i teor fiz. 40 no. 4,1128-1133 Ap '61
Fabrikant, V. A. [A beam into space] Luch idet v kosmos. Moskva, Izd-vo "Znanie," 1961. 28 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii, Ser. 9, Fizika i khimiia, no. 8)
Fermion mass in the γ_5-invariant model in the quantum field theory B. A Arbuzov, A N Tavkhelidze, R N Faustov Dokl AN SSSR 139 no. 2,345-347 Jl '61
Instability of low frequency electromagnetic waves in a plasma traversed by a beam of charged particles [with summary in English] M. S Kovner. Zhur. eksp. i teor. fiz 40 no 2 527-536 F '61.
Maximum charge for a given mass in the bound state [with summary in English] V. N Gribov, IA B. Zel'dovich, A. M. Perelomov Zhur. eksp i teor. fiz 40 no 4:1190-1199 Ap '61
Momentum distribution function of Fermi particles in gas within the high-density limit [with summary in English] I. O Kulik. Zhur. eksp i teor. fiz 40 no 5 1343-1352 My '61.
Nature of the instabilities resulting from the interaction of beams of charged particles and plasma. IA. B Fainberg, V I. Kurilko, V. D Shapiro Zhur tekh. fiz 31 no 6 633-649 Je '61
Nonlinear quantized spinor equation [with summary in English] D S. Chernavskii. Zhur. eksp. i teor. fiz 40 no 5 1360-1365 My '61.
Nuclear-active particles in atmospheric showers [with summary in English] IA S. Babetski and others Zhur eksp i teor fiz 41 no. 1 15-21 Jl '61
Observation of nuclear-active particles and electron-proton showers with energies of 10^{12} ev, at an altitude of 3860 m. above sea level [with summary in English]. E V Denisov and others Zhur. eksp. i teor. fiz. 40 no 2 419-425 F '61.
Particle mass in the one-dimensional model with four-fermion interaction [with summary in English]. V. G. Vaks, A. I Larkin Zhur eksp. i teor. fiz. 40 no. 5: 1392-1396 My '61
Quasi-classical practicle in a one-dimensional periodic potential [with summary in English] A M. Dykhne Zhur. eksp i teor. fiz. 40 no. 5:1423-1426 My '61.
Shell model and the shift of single-particle levels in nuclei of the "core + nucleon" type due to the addition of a nucleon pair [with summary in English] V E. Asnikhekov. Zhur eksp. i teor. fiz 41 no. 1 171-182 Jl '61
Simulation and calculation of the trajectories of relativistic charged particles in electrostatic fields. A M Strashkevich Radiotekh. i elektron. 6 no. 8:1401-1402 Ag '61
Single particle excitations and superfluidity in systems of Fermi particles with arbitrary interaction. Application to the nucleus [with summary in English]. A. B Migdal Zhur. eksp. i teor. fiz. 40 no. 2:684-697 F '61.
Some problems in relativistic gas dynamics of charged particles [with summary in English]. V. N. TSytovich. Zhur eksp. i teor. fiz 40 no 5:1325-1332 My '61.
Theory of molecular dissociation induced by neutrons. Part 1. Diatomic molecules [with summary in English]. IU. S. Salasov, K. G. Ivanov. Zhur. eksp. i teor. fiz. 40 no. 2 513-523 F '61.
Theory of systems of interacting Fermi particles. R. A. Suris. Fiz. tver. tela 3 no. 6.1795-1807 Je '61.
Variation of the adiabatic invariant of a particle in a magnetic field. Part 2 [with summary in English]. A. M. Dykhne, A. V. Chaplik. Zhur. eksp. i teor. fiz. 40 no. 2:666-669 F '61.
Vortex lines in an imperfect Bose gas [with summary in English]. L. P. Pitaevskii. Zhur. eksp. i teor. fiz. 40 no. 2:646-651 F '61.

PARTRIDGES see subdivision under Azerbaijan

PASSERIFORMES see subdivision under Archangel Province; Karkara Valley; Tekes Valley

PASTEUR, LOUIS, 1822-1895
Blinkin, S. A. [Fight for a great discovery] Bor'ba za velikoe otkrytie. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 48 p. (Nauchno-populiarnaia meditsinskaia literatura)

PASTE
Nikolaev, A. S. [Finishing building facades with paste compositions] Otdelka fasadov zdanii pastovymi sostavami, opyt tresta "Fasadremstrol." Leningrad, 1961. 16 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serija: Stroitel'naia promyshlennost', no. 10)

PASTRY
Making pastry P Pastukhov. Sov potreb. koop 5 no. 7 60-61 Jl '61.

PASTURES AND MEADOWS
(see also subdivision under Barnaul Steppe; Cherepovets District, Razdan District; Siberia, Western, Sluch' Valley)
Determining the yielding ability of pastures [with summaries in English, German, and French] I. Tomaszewski, J. Vilkas, Z. Zimkus Vest sel'khoz nauki 6 no 9: 120-121 Jl '61
Effect of prolonged grazing on the specific composition of grass stands in natural pastures I. A. Krugovykh, G. A. Klin, I. I Ilaiinskii. Biul. Inst. biol. AN R SR no. 5 17-25 '60.
Geobotanical characteristics of Anabasetu salsae communities. L. A. Kuznetsov. Uch. zap. Ped inst Gertsena 178,119-141 '59.
Use of herbicides in hayfields and pastures. I D. Brizevich, L. A. Kruganova, I. I. Ilaiinskii. Biul inst biol. AN BSSR no. 5 9-16 '60

PASTURES AND MEADOWS—FERTILIZERS AND MANURES
(see also subdivision under Naman Valley)
How the application of different amounts of mineral fertilizers affects natural meadows [in Armenian with summary in Russian] A. S Telunts Izv Otd sel'khoz. nauki Arm SSR 4 no 3 33-42 '61

PATENT LAWS AND LEGISLATION
Decision No. 3 of the plenary session of the Supreme Court of the U.S.S.R. of March 4, 1961. "Judicial practice in lawsuits concerning inventions and efficiency proposals." Biul. Verkh. Suda no. 1:15-20 '61.
[How to apply for efficiency suggestion certificates] Kak oformliaetsia avtorstvo na ratsionalizatorskoe predlozhenie. Moskva, Gos. izd-vo lurid. lit-ry, 1961. 38 p. (Iuridicheskie konsul'tatsii dlia rabochikh i vopr. osakh i otvetakh, no. 14)
Ivanov, V. A. [Procedure in obtaining patents for inventions and efficiency proposals] Oformlenie avtorskoi zaiavki na izobretenie i ratsionalizatorskoe predlozhenie. Moskva, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, 1959. 26 p. (Bibliotechka "V pomoshch" rabotaiushchim BRIZov i Sovetov VOIR," no. 5) [MICROFILM]
Some problems in judicial practice in lawsuits concerning inventions and efficiency proposals. P. Ruzdin. Biul. Verkh. Suda no. 3:28-35 '61.

PATENTS
[Bulletin on inventions.] Biul. izobr. nos. 1-6, 11-12 '55
[Monthly bulletin on inventions] Ezhemes. biul. izobr. nos. 7-8 Jl-Ag '48.
[Bulletin on inventions.] Biul. izobr. 36 nos. 8-9, 11-13, Ap-My, Je-Jl '61.

PATORZHINSKII, IVAN SERGEEVICH, 1896-1960
Stefanovich, M. P. [Ivan Sergeevich Patorzhinskii, People's Singer of the U.S.S.R.] Ivan Sergeevich Patorzhinskii, narodnyi artist SSSR. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1960. 38 p. (Dekada ukrains'koi literatury ta mystetstva) (Mfl)

PATRIOTISM
Training of youth in the military traditions. V. Shtepa Voen. znan. 37 no 3:16-17 Ag '61.

PAVEMENTS, CONCRETE see subdivision under United States

PAVLODAR—FLOUR MILLS—EQUIPMENT AND SUPPLIES
Equipment lies in the storeroom. F. Maksimov. Muk. elev. prom. 27 no 7,29 Jl '61.

PAVLODAR PROVINCE—FERNS, FOSSIL
Fern flora of Mesozoic deposits in eastern Kazakhstan. E. R. Orlovskaia. Mat. po ist. fauny i flory Kazakh. 3 120-162 '61.

PAVLODAR REGION—VERTEBRATES, FOSSIL
Extracting the bones of small fossil vertebrates by washing out the surrounding rock. P. F. Savinov. Mat. po ist. fauny i flory Kazakh. 3:170-173 '61.

PAVLOGRADKA DISTRICT—AGRICULTURAL LABORERS
Siberian registration. Evgenii Losev. Ogonek 39 no. 28:14-15 Jl '61.

PAVLOV, IVAN PETROVICH, 1849-1936

Data on I P Pavlov's attitude toward the use of mathematical methods for the study of problems of nutrition and of the higher nervous activity V L Markulov Zhur. nevr. i psikh 61 no 1 600-605 '61

I. P. Pavlov in S. P. Botkin's therapeutic clinic at the Academy (1878-1890). V. N. Andreeva. Fiziol. zhur. 46 no. 3 363-366 Mr '60.

Unity of analysis and synthesis in I P Pavlov's teaching. IA M Bebosau Vestsi AN BSSR. Ser biial nav. no 2 48-58 '61

PAVLOVSK—FURNITURE

Furniture in the interior of the library of the Pavlovsk palace. N. V. Belov. Izv vys. ucheb. zav. stroi. i arkhit. 4 no. 2 139-149 '61.

PAY-KHOY RANGE—BRACHIOPODA, FOSSIL

Permian brachiopods of the Pay-Khoy (Inaticulata, Strophomenidae, and Chonetidae). V I Ustritskii Trudy NIIGA 111;93-130 '60.

Some Permian Brachiopoda of the Pay-Khoy Range R. V. Solomina Sbor st po paleont i biostrat no. 19 24-73 '60

PAYMENT—CONGRESSES

Conference on payments. I Taflin, A Goncharov Den i kred 19 no. 7 80-87 Jl '61

PEACE

Communism is peace L. Leont'ev. Nov. vrem. 19 no. 33 9-13 Ag '61.

Delegation of the Russian Orthodox Church to the All-Christian Congress in the Defense of Peace Zhur. Mosk. Patr. no 6;1-5 Je '61

General declaration. V zashch. mira no. 8;3-4 Ag '60.

"Keep peace among you." M Speranskii. Zhur Mosk. Patr no 7 30-31 Jl '61

To prevent war P IAkovlev Nauka i zhyttia 11 no 6 48-49 Je '61

PEACE—CONGRESSES

The 10th anniversary of the law for the defense of peace Kul't i zhizn' 5 no 6 35-39 '61

PEACE CORPS

Fifth column of imperialism. V. Borisov. Smena 38 no. 11 25-27 Je '61

PEACE TREATIES see subdivision under Germany

PEAS

[Peas] Gorokh. [Moskva] Mosk. rabochii, 1961. 21 p. (Bibliotechka polevoda)
(DA)

PEASANT UPRISINGS see subdivision under Croatia, Vitebsk Government

PEASANTRY

(see also subdivision under France, Latvia)

A conference on the present-day development of the alliance of workers and peasants I. E Zelenin Vop ist no 7 171-172 Jl '61.

Disintegration of the peasantry and so-called primary accumulation in Russia [with summary in English, pp 220-221]. N. L Rubinshtein Vop. ist no 9 61-85 Ag '61.

The legal status of free peasants in "Russkaia Pravda." I. D. Romanova Ist SSSR 5 no 1 76-91 Jl-Ag '61

PEAT BOGS

(see also subdivision under Karelia)

Pileless laying of water pipes in peat bogs. E V. Makarov. Vod. i san tekh no 2;33-35 F '61

Unsteady flow in horizontal drains in the drainage of seepage-flow peat bogs B. S. Sherzhukov. PMTF no 3; 201-204 S-O '60.

PEAT SOILS

Effect of soil conditions on the chemical composition of barley grain V. M Terent'ev, R. I. TSareva, A. N Loiko Biul Inst. biol AN BSSR no 5 157-162 '60.

Preliminary experiments in the application of growth regulators to potato plants grown in peat soils S. M Mashtakov, B. F. Matrosov. Biul Inst biol AN BSSR no 5 205-209 '60

PECHORA BASIN—GEOLOGY, STRATIGRAPHIC

Triassic sediments in the Pechora coal basin. F. I. Entsova. Trudy VNIGNI no. 29 vol. 1 60-66 '60.

PECHORA DISTRICT—HOME ECONOMICS, RURAL

Give more effective aid to statisticians working on family budgets. N. Filippov. Vest. stat no. 7;78 '61.

PECHORA RIVER—REGULATION

From Pechora to the Caspian. M. O. Korzh. Nauka i zhyttia 11 no 6 20-22 Je '61

PECHORA VALLEY—GLACIAL EPOCH

Problem of the connection between the Kama, Vychegda, and Pechora Basins in the Quaternary period and the periglacial sediments of the Kama Basin [with summary in English]. R. B. Krapivner. Biul. MOIP. Otd. geol. 36 no. 2, 81-101 Mr-Ap '61.

PECTIN

Effect of pectins and proteins on the filtering properties of saturated residues K D. Zhura Izv vys ucheb zav.; pishch. tekh. no. 2;85-88 '60.

Production of edible pectins from sugar-beet pulp. G V. Buzina. Khleb. i kond prom. 5 no 7, 13-16 Jl '61.

PEDOLOGY (SOIL SCIENCE) see Soil science

PEGMATITES

(see also subdivision under Kazakhstan, Kola Peninsula, Koroster' region, Mama-Chuya District)

Houlandite from pegmatites. G N. Tarnovskii. Zap. Vost -Sib otd. Vses min ob-va no 1;97-100 '59.

Hypothesis of the genesis of pegmatites containing mica and rare metals and their further study. V. D Nikitin Mat VSEGEI, Ob ser no 29;65-81 '60

Mineral from pegmatites of the columbite-tantalite group B A. Makarochkin. Zap. Vost -Sib. otd Vses. min ob-va no. 1, 129-130 '59

Some features of the genesis of nepheline syenites in the Yeletozero massif and their pegmatites (northern Karelia) A. I. Bogachev. Trudy Kar. fil AN SSSR no. 26 133-142 '61

PENDULUM

Apparatus of the Central Scientific Research Institute of Geodesy, Aerial Photography, and Cartography for measuring inclinations and accelerations of a pendulum instrument in gravity measurements at sea. M. E. Kheifets. Trudy TSNIIGAIK no 139;103-120 '60

Circular motions of bound pendulums. V. S. Serebriakova Izv. vys. ucheb. zav., mat. no. 3, 103-108 '61.

Circular movements of a Fronde pendulum. V. A. Tabueva. Prikl. mat i mekh 25 no 3 576-578 My-Je '61.

Circular movements of bound pendulums. Part 2. V. S Serebriakova, E. A Barbashin Izv vys uchcb. zav., mat no 4 112-118 '61

Method for precise determination of pendulum oscillation periods. IU. A. Slivin, M. E. Kheifets. Trudy TSNIIGAIK no 139;89-101 '60

Use of elastic suspension in gravimetric pendulums. M. E. Kheifets. Trudy TSNIIGAIK no 139;135-145 '60

PENICILLIN

Activity of penicillin preparations during storage. K. N. Poltanskaia. Apt. delo 10 no. 3;55-58 My-Je '61.

Characteristics of the stability of aqueous suspensions of the N, N-dibenzylethylenediamine salt of penicillin (bicillin-1) investigated by a nephelometric method [with summary in English]. L. M. IAkobson, O. B. Ermolova. Antibiotiki 6 no. 5;440-451 My '61.

Distribution of penicillin in the rabbit organism under conditions of experimental staphylococcal intoxication [with summary in English]. E. A. Rudzit. Antibiotiki 6 no. 5;422-427 My '61.

Studies on penicillin concentrations in dog tissues and blood after administration with the aid of electrophoresis [with summary in English]. N. A. Barsukov. Antibiotiki 6 no. 5;427-431 My '61.

Studying the effect of antibiotics and specific sera on the development of viruses and rickettsia in a tissue culture by using microcinematography. Report No. 1 Effect of penicillin on the psittacosis virus and Rickettsia burnetti in tissue culture [with summary in English]. A. T. Kravchenko, O. S. Gudina, V. N. Miliutin. Vop. virus. 7 no. 3;300-306 My-Je '61.

Treatment of patients with thermal burns with a biological film cover. A N. Berkutov, K. A. Nurishchenko. Voen.-med zhur. no. 8;44-45 Ag '60.

PENICILLIUM

Diploids and recombinations in the selection of penicillin producers. S. V. Kameneva. Trudy Inst. mikrobiol. no. 10 174-181 '61.

Mold fungi of the genus Penicillium in forest soils. T. G. Zimenko. Biul. Inst. biol. AN BSSR no 5;333-337 '60.

PENSIONERS

(see also subdivision under Great Britain, Leningrad)

Privileges granted to pensioners. Sots. obesp. 22 no. 6; 55-59 Je '61.

PENSIONERS—SOCIETIES, ETC.

Veterans of labor can be of great help. Sots. obesp. 22 no. 8;44-46 Ag '61.

PENSIONS

(see also subdivision under Kaliningrad; Moscow; Rognedino; Salavat; Stalingrad Province; Stavropol Territory)

Astrakhan, E. I. [Principles of the pension security for the workers and employees in the U. S. S. R.] Printsipy pensionnogo obespecheniia rabochikh i sluzhashchikh v SSSR. Moskva, Gos. izd-vo jurid. lit-ry, 1961. 125 p.

Calculating the length of service for former collective farmers who transferred to a state farm. I. Kolganov. Okhr. truda i sots. strakh. 4 no. 7;38-40 Jl '61.

Check for similar mistakes. Sots. obesp. 22 no. 8;58-59 Ag '61.

Courts establish legal facts determining the granting of pensions. M. Shishalovskii. Sots. obesp 22 no. 7; 54-57 Jl '61

How would you decide? Sots. obesp. 22 no 6 62-63 Je '61

How would you decide? Sots. obesp 22 no 7-61-63 Jl '61.

How would you decide? Sots. obesp. 22 no. 8 59-61 Ag '61.

Judicial practice in cases arising from unlawful payment of state pensions. N. Sergeeva. Sots. obesp. 22 no. 8 18-22 Ag '61.

Old-age pensions for zootechnicians and veterinary workers. S. Smirnov Okhr. truda i sots strakh. 4 no 7 35-37 Jl '61

The pension administration explains Sots. obesp. 22 no 6 61-62 Je '61

The pension administration explains. Sots. obesp 22 no. 7 60 Jl '61.

Pension administration explains. Sots. obesp. 22 no. 8, 57-58 Ag '61.

"Prove that you are right" Sots obesp 22 no. 6 22-25 Je '61.

Questions and answers Sots. obesp 22 no 6 60-60 Je '61.

Questions and answers. Sots. obesp 22 no 7-59-60 Jl '61

Questions and answers. Sots. obesp, 22 no. 8 56-57 Ag '61.

Resolution No. 2 of the Plenum of the Supreme Court of the R. S. F. S. R. of March 31, 1961 concerning judicial practice in cases arising from unlawful payment of state pensions. Sots. obesp. 22 no 8, 22-21 Ag '61.

State pension law. Sots obesp 22 no. 7;1-3 Jl '61

TSederbaum, IU. IA. [Payment of pensions to workers and employees] Vyplata pensii rabochim i sluzhashchim. Moskva, Gos. izd-vo jurid. lit-ry, 1961. 102 p.

PENTANEDIONE

Quinones. Part 36. Condensation of acetylacetone imines with p-benzoquinone A N Grinev, V. I Shvedov, I. P. Sugrobova. Zhur ob. khim 31 no 7 2298-2303 Jl '61

PENTENONE

Condensation of acetone to mesityl oxide and phorone in the presence of bromomagnesium alcoholates. IU IU TSmur Zhur. prikl. khim. 34 no. 7 1628-1630 Jl '61

PENZA—THEATER

Two years later. IU. Nekhoroshev. Teatr 22 no 7; 168-169 Jl '61

PENZA PROVINCE—ACCOUNTING

Glebova, A. I., E. Savonin, and I. Shmelev. [Economic accountability at enterprises of the Penza Economic Council] Khozraschet na predpriiatiiakh Penzenskogo sovnarkhoza. [Penza] Penzenskoe knizhnoe izd-vo, 1960. 242 p.
(MH)

PENZA PROVINCE—INSURANCE, SOCIAL—EMPLOYEES

Serving the workers. Sots. obesp. 22 no. 6;13-18 Je '61.

PEPPER—VARIETIES

New sweet pepper varieties developed by vegetative hybridization E. P. Khazina. Agrobiologiia no. 4;617-619 Jl-Ag '61.

PEPPERMINT

Biology of flowering and hybridization of the fertile forms of peppermint (Mentha piperita L.). S. A Admiral'skaia. Bot. zhur. 46 no 5,690-695 My '61.

Reaction of mint Mentha piperita L. to gibberellin. E. I. Kryskov, D F. Shkurat Bot zhur. 46 no 5;707-710 My '61.

PEPSIN

Common features of the manifestation of radiation aftereffect in proteins of different structure; comparative investigation of myosin and pepsin. E. E Ganassi and others. Radiobiologiia 1 no. 1;14-22 '61

PEPTIC ULCER

Results of prolonged observation of peptic ulcer patients treated at the Truskavets Health Resort. D. I Vizir Vop. kur., fizioter i lech. fiz. kul't. 26 no 3;207-209 My-Je '61.

Treatment of patients following stomach resection for peptic ulcer at the Truskavets Health Resort. V L Lemeshko. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 3;209-214 My-Je '61.

Treatment of peptic ulcer by rectal administration of novocaine in combination with balneotherapy S. O. Badyl'kes, E. B. Vygodner, M. R. Vinogradova. Vop. kur., fizioter. i lech fiz. kul't. 26 no 3,214-218 My-Je '61.

PEPTIDES

A B reactions of peptide bond formation. V. V. Ponomarev. Zhur. fiz. khim. 35 no. 6;1389 Je '61.

PERCEPTION, DISORDERS OF

Disorders of the body image in localization of the focus in the left cerebral hemisphere [with summary in French]. S. V. Babenkova, I. F. Nikolaeva. Zhur. nevr. i psikh. 61 no. 5,698-704 '61.

PEREL'MAN, ALEKSANDR AVGUSTOVICH, 1889-1960

Aleksandr Avgustovich Perel'man obituary Zhur. nevr i psikh 61 no 4-639 '61

PEREMYSHL' DISTRICT—AGRICULTURAL MACHINERY

Utilization of machinery and tractors on the Kirov Collective Farm B. Z Synzynys Dokl i soob VNIESKH no 4 85-92 '58

PERENNIALS

Perennial plants wintering in the open I P. Ignat'eva Doshk vosp 34 no 7 81-87 Jl '61

PERFUMES

Achievements of the perfume industry in 1960. Masl.-zhir. prom 27 no. 7, 4-9 Jl '61.

PERICARDITIS

Exudative pericarditis as a variant of primary tuberculosis in adults, abstract G. D Golubev. Voen -med. zhur. no. 3 79-80 Mr '61

PERICARDIUM—DISEASES

X-ray diagnosis of pleuropericardial adhesions. V. Z Ian'shin. Vest rent i rad 36 no 3 63 My-Je '61.

PERIDOTITE see subdivision under Ural Mountains

PERIODIC FUNCTIONS see Functions, Periodic

PERIODIC LAW—CONGRESSES

Conference on the structure of D I Mendeleev's periodic system A. V Lapitskii Zhur VKHO 6 no 4 464-465 '61

PERM—INSURANCE, SOCIAL—ACCOUNTING

Mechanization "with a squeak" A Petukhov. Sots. obesp 22 no 6 21-22 Je '61

PERM—KINDERGARTEN

Let's work in the communist way L. M Fa'kina Doshk vosp 34 no. 6 21-22 Je '61

PERM—PUBLIC HEALTH

Both controllers and assistants. G. Khait. Zdorov'e 7 no 6 8 Je '61

PERM—TEACHERS, TRAINING OF

Let's work in the communist way. L. M. Es'kina Doshk vosp 31 no 6 21-22 Je '61.

PERM PROVINCE—JUSTICE, ADMINISTRATION OF

Let's improve the forms of our guidance of people's courts V Trapeznikov. Sov iust no 14 17-18 Jl '61.

PERM PROVINCE—MUSIC

Follow-up of our remarks. Sov. muz. 25 no. 7 144 Jl '61.

PERM PROVINCE—REPAIR AND SUPPLY STATIONS

Specialization of repair shops. G. Dazhin. Tekh. v sel'khoz 21 no 7:70-71 Jl '61

PERM PROVINCE—VOCATIONAL EDUCATION

Research and teaching conference in Perm. Prof. -tekh. obr 18 no. 7:3-6 Jl '61

PERM PROVINCE—VOCATIONAL EDUCATION—CONGRESSES

Research and teaching conference in Perm. Prof -tekh. obr. 18 no 6:7 Je '61

PERMAFROST see Frozen ground

PERMEABILITY

Ground permeability component of the resistance to its separation from a vessel being lifted V. N Gerasimov, [illegible] no 29 21-25 '59

KOLAEVICH, 1895-

[illegible] countryside. P. Sintsov. Agitator '61.

[illegible]tion of a system of n differential equa- containing a singular point and a [illegible] I Brushlinskaia. Dokl. AN SSSR 139

[illegible]IGOR'EVICH, 1834-1882

[illegible]re of subjects." N. Kruzhkov. Ogonek 61.

[illegible]s agents and hypoxia on the formation [illegible]des. E. F. Romantsev, Z. I. Zhulanova. no 1:73-77 '61.

[illegible]nic peroxides in the rat organism at [illegible]f radiation sickness. Z. I. Zhulanova. no. 1:70-72 '61.

[illegible]C ACID

[illegible]icyclohexylperoxydicarbonate in [illegible]esence of certain metals and metal [illegible]vaev, L. M. Terman Zhur. VKHO 61

PEROXYMOLYBDIC ACID

Pyridine derivatives of peroxymolybdic and peroxytungstic acids R G Belles, R A. Safina, E M Belles Zhur. neorg khim 6 no 7:1612-1615 Jl '61

PEROXYTUNGSTIC ACID

Pyridine derivatives of peroxymolybdic and peroxytungstic acids R. G. Belles, R. A. Safina, E. M. Belles Zhur neorg. khim. 6 no. 7:1612-1615 Jl '61.

PERSIA see Iran

PERTURBATION

Perturbations in the system δ Ursae Majoris. B. I. Kaminskii, I. Shokomolov. Uch. zap. Tadzh. un. 18 44-51 '58.

PESSI, VILLE, 1902-

Ville Pessi. Nov. vrem. 19 no. 33:31 Ag '61.

PESTICIDES

Current hygienic data on the use of poisonous chemicals for control of pests of food plants, weeds, and animal ectoparasites A. I. Shtenberg, M G Shevchenko, IU I Shillinger. Vop pit. 20 no 4 3-8 Jl-Ag '61

PETER, SAINT, APOSTLE

Image of Apostle Peter in the Gospel. S. Preobrazhenskii Zhur Mosk. Patr. no. 6:60-65 Je '61.

PETLIASHENKO, IVAN ALEKSANDROVICH, 1878-

Terniuk, P. I. [Ivan Aleksandrovich Mar'ianenko, People's Actor of the U. S. S. R.] Ivan Aleksandrovich Mar'ianenko, narodnyi artist SSSR. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1960. 49 p. (Dekada ukrains'koi literatury ta mystetstva) (MH)

PETOFI, SANDOR, 1823-1849

Hidas, Antal. [Sandor Petőfi. Translated from the Hungarian] Shandor Petefi. Moskva, Molodaia gvardiia, 1960. 364 p. (Zhizn' zamechatel'nykh liudei. Ser. biografii, no. 17(307)) (MH)

PETROGLYPHS see subdivision under Ovidiopol' District

PETROLEUM

(see also subdivision under Bavly region)

Luminescent agents in petroleum. L. I. Al'perovich, and others. Uch. zap. Tadzh. un. 18:83-84 '58.

PETROLEUM—PIPELINES

(see also subdivision under Carpathian Mountains)

By pipeline to the airfield A. IAkuba, I. Podorozhko. Tyl i snab. Sov. Voor. Sil 21 no 4 70-73 Ap '61

Centrifuged reinforced concrete supports. B. A. Korotkov, IA. L. Rudoi. Stroi truboprov. 6 no. 6:25-26 Je '61

Highway of friendship. IA P. Zhukovskyi Nauka i zhyttia 11 no 6 26-30 Je '61

Modification effected in a project. I. Senchenko. Neftia-nik 6 no. 7:32 Jl '61

On the territory of five countries. Starsh -serzh. no. 1: 7 Ja '61.

Organization of operations in building the "Druzhba" oil pipeline. A. IA. Shmatko. Stroi truboprov. 6 no. 5:3-4 My '61.

Testing part of the Penza-Michurinsk petroleum products line with natural gas. A. K. Tukhvatullin. Stroi. i truboprov. 6 no. 5:19-20 My '61.

Thermal regime of petroleum pipelines. L. P. Semenov, G. M. Fel'dman, IU. L Shur. Mat. k osn uch. o merz. zon. zem. kory no. 7 119-131 '61.

PETROLEUM—REFINING

Calculation of the optimum adjustment for the automatic control system of a tubular furnace in an atmospheric pipe-still. Izv. AN Azerb. SSR. Ser. fiz. -mat. i tekh nauk 2:77-80 '61.

Effect of the carrier porosity on the activity of a floating hydrogenation catalyst in the liquid phase. N. M. Zaidman, M. F. Gladovskaia. Khim. i tekh. topl. i masel 6 no. 6:27-29 Je '61.

Hydrofining of paraffin from eastern sulfur-bearing crudes. K. M. Badyshtova. Khim. i tekh. topl. i masel 6 no. 6:21-26 Je '61.

Low temperature dewaxing of oils with the use of methyl ethyl ketone. G. T. Dadalan and others. Khim. i tekh. topl. i masel 6 no. 6:17-21 Je '61.

Separation of trap emulsions in petroleum refineries. E. S. Kozorezov and others. Khim. i tekh. topl. i masel 6 no. 6:32-34 Je '61.

PETROLEUM—STORAGE

Work practice of a tank farm. V. A. Avnepov. Neftianik 6 no. 7:16-17 Jl '61.

PETROLEUM—THERAPEUTIC USE

Naftalan. M. N. Syroechkovskaia. Zdorov'e 7 no. 6:31 Je '61.

PETROLEUM AS FUEL

Efficient methods of firing locomotives with fuel oil. M. M. Entenzon. Zhel. dor. transp. 43 no. 6:68-69 Je '61.

PETROLEUM CHEMICALS—CONGRESSES

[illegible]

of Petroleum Hydrocarbons into Intermediate Products for the Synthesis of Fibers and Plastics] Trudy. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1960. 313 p.

PETROLEUM ENGINEERING—SAFETY APPLIANCES

Protective apparatus. Neftianik 6 no. 7:20 Jl '61.

PETROLEUM GEOLOGY

(see also subdivision under Azov-Kuban region, Bashkiria; Caspian Lowland, Caucasus, Northern; Chu Valley, Kalmyk A. S. S. R.; Kara-Tau; Kazakhstan; Kuznetsk Basin; Mayya Valley, Nebit-Dag, Ob' Valley, Russian Platform, Sary-Su Valley; Stavropol Territory, Tayda Valley, Turinsk region, Ural Mountain region, Ural Mountains, West Siberian Plain)

Effect of the mineralogical composition of a porous medium on the height of capillary permeation. A. Asadov, N Tairov Izv AN Azerb. SSR. Ser fiz -mat i tekh nauk 2:101-106 '61

Egorov, A. I. [Belts of coal formations and oil- and gas-bearing zones of the earth] Poiasa ugленosnykh i neftegazonosnye zony zemnogo shara [Rostov-na-Donu] Izd-vo Rostovskogo univ., 1960. 181 p. [illegible] maps

PETROLEUM INDUSTRY

(see also subdivision under Ceylon; Emba region; Gobi)

Brief news. Neft. khoz. 39 no. 8:69-71 Ag '61

From the local press. Neftianik 6 no. 7:33 Jl '61

Fuel of the seven-year plan. Sov. profsoiuzy 17 no. 13: 12 Jl '61.

"Heat power economy of the oil and gas industry" by L. R. Stotskii. Reviewed by Z. Geller, N. Volkov Neft khoz. 39 no. 8:71-72 Ag '61

In the oil regions of our country. Neftianik 6 no. 7 Jl '61

The petroleum industry of the U. S. S. R. G. A. Vyedenskii. Mat. i soob. Issl. otd. Inst. po Izuch. SSSR no. 25 1-23 My '61.

PETROLEUM INDUSTRY—EQUIPMENT AND SUPPLIES

In design offices and laboratories (from the pages of "Mekhanizatsiia i avtomatizatsiia proizvodstva") Tyl i snab. Sov Voor. Sil 21 no 4 88-91 Ap '61

PETROLEUM INDUSTRY—SAFETY MEASURES

In the Presidium of the Central Committee of the Trade Union. A. Babaian Neftianik 6 no. 7:30 Jl '61

PETROLEUM MINING

Second year of new work arrangements. F Viktorovich Neftianik 6 no. 7:7-8 Jl '61.

PETROLEUM REFINERIES

(see also subdivision under United States)

Automation and telemechanization of the circulating water supply system in petroleum refineries. A Kh Dubrovskii. Mekh. i avtom. proizv 15 no 7:5-9 Jl '61

PETROLEUM REFINERIES—EQUIPMENT AND SUPPLIES

Pay greater attention to standard designs. A. I. Chertkin. Neftianik 6 no. 7 13-14 Jl '61.

PETROLEUM WORKERS

(see also subdivision under Caspian Sea)

Young oil workers. R. Batyrov. Neftianik 6 no 7 29 Jl '61.

PETROLEUM WORKERS—EDUCATION AND TRAINING

(see also subdivision under Ukhta District, Uzbekistan)

PETROLOGY

(see also subdivision under Aldan District, Kirghizistan; Kushka region; Podolia; West Siberian Plain)

PETROPAVLOVSK—GRAIN ELEVATORS

Unloading truck trailers at the Petropavlovsk Grain Elevator. I. Kashcheev. Muk -elev prom 27 no 7 15 Jl '61.

PETROPAVLOVSK-KAMCHATSKIY—APARTMENT HOUSES

Housing construction in Petropavlovsk-Kamchatskiy. V. Rudomotkin. Zhil. stroi. no. 6:24-27 Je '61

PETROV, VASILII VLADIMIROVICH, 1761-1834

Noteworthy dates in sciences and technology. Shkola i proizv. 6 no. 7:96 Jl '61.

PHARMACOLOGY

Pershin, G. N., and E. I. Gvozdeva. [Textbook in pharmacology] Uchebnik farmakologii. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 402 p.

Shaduraskii, K. S. [Lectures on general pharmacology] Lektsii po obshchei farmakologii. Izd. 2. perer. i dop. Minsk, Izd-vo Belgosuniversiteta im. V. I. Lenina, 1961. 106 p.

PHARMACOLOGY (Continued)

Studying some pharmacological properties of the series of dialkylaminoalkanol esters of furan-2-carboxylic acids. R R Safiazbekian and others Izv AN Arm SSR Biol nauki 14 no 5 51-59 My '61

PHARMACY

"Droplet analysis in the drugstore" [in Rumanian] by H. Beral, E. Dumitrescu, R. Vasiliev. Reviewed by E. I. Gusakova, E. M. Sheinbaum. Apt. delo 10 no. 3: 89-90 My-Je '61.

Dynamic shear stress in weak-structured pharmaceutical preparations [with summary in English]. N. G. Koltashev. Apt. delo 10 no. 3: 29-32 My-Je '61.

PHARMACY—BIBLIOGRAPHY see Bibliography—Pharmacy

PHARMACY—EQUIPMENT AND SUPPLIES

Automatic control with a signal thermometer. F. IA. Baikov. Apt. delo 10 no. 3: 59-61 My-Je '61.

PHASE CONVERTERS

Characteristics of ferrite phase inverters accomplished on H-wave guides N M Kovtun, A I Tereshchenko Zhur tekh fiz 31 no 7: 831-836 Jl '61

PHASE MICROSCOPE

Use of phase contrast microscopy for observing spores in colored smears. M. IA. Korn, N. N. Solov'ev. Lab. delo 7 no. 6 51-52 Je '61.

PHASE RULE AND EQUILIBRIUM

Bogatskii, D. P., and I. A. Minceva. [Phase rule and its application in the technology of metals; lectures for students of the engineering faculty] Pravilo faz i ego primenenie v tekhnologii metallov, lektsii dlia studentov inzhenernogo fakul'teta. Moskva, Vses. sel'khoz. in-t zaochnogo obrazovaniia, 1960. 39 p.

Certain properties of the steam--liquid boundary curve shared by various substances [with summary in English]. N. I. Mel'nichenko. Inzh.-fiz. zhur. 4 no 6: 116-118 Je '61.

Effect of certain polymorphic transformations on the heat resistance of alloys V. K. Grigorovich Izv. AN SSSR Otd tekh. nauk Met i topl. no 3: 63-66 My-Je '61

Effect of single-phase pressure on phase equilibrium parameters [with summary in English]. G. A. Martynov. Zhur fiz khim 35 no 7 1518-1523 Jl '61

Equilibrium diagrams of iron-hafnium. V. N. Svechnikov, A. K. Shurin. Dokl AN SSSR 139 no. 4, 895-898 Ag '61

Some characteristics of the constitutional diagrams of eutectic-type binary alloys in connection with the structure of liquid eutectics V. V. Nikonova, G. M. Bartenev. Izv. AN SSSR. Otd. tekh nauk Met. i topl no 3: 131-133 My-Je '61

Structure of liquid alloys in connection with constitutional diagrams. S Grigorvich. Izv. AN SSSR Otd. tekh. nauk, Met i topl. no 3: 124-129 My-Je '61.

Temperature dependence of the rate of direct and inverse low-temperature polymorphic transitions of hexachloroethane. G V Sakovich. Izv. vys. uchob. zav., fiz no. 2 149-155 '61.

PHEASANTS see subdivision under Byalovezheka Pushcha

PHENOCRYSTS

Certain characteristics of phenocrysts of various genetic types in vein rocks of the porphyritic texture. M. B. Borodaevskaia. Izv. AN SSSR. Ser. geol. 26 no. 7: 12-22 Jl '61.

PHENOLOGY

Phenological observations on the aspen (Populus tremula L.) in forests and parks of White Russia. I. D. Urkevich, N. F. Louchy. Vestsi AN BSSR. Ser. bilal. nav. no 2, 6-20 '61.

Study of phenology in connection with the formation of relief. V. P. Chichagov. Biul. MOIP. Otd. geol. 36 Mr-Ap '61.

PHENOLS

Organic oxides. Part 21: Addition of phenols to divinyl, chloroprene, and isoprene oxides. V. M. Al'bitskaia, A. A. Petrov, E. M. Bliakhman. Zhur. ob. khim. 31 no 7: 2166-2171 Jl '61.

Production of alkylphenols by means of a rearrangement of alkylaryl aluminates. V. K. Kuskov, V. I Sushchenia. Zhur. ob. khim. 31 no. 7: 2306-2401 Jl '61.

Quantitative changes of oxidized polyphenols in the process of the fermentation of tobacco. V. K. IUnoshev, Izv. vys. ucheb. zav.: pishch. tekh. no. 2: 79-84 '60.

Sulfomethylation of phenols. D. Tishchenko, A. Kisiltsyn. Zhur. prikl. khim. 34 no. 7: 1612-1616 Jl '61.

PHENOTHIAZINE

"Derivatives of phenothiazine in medicine. Clinical and experimental data" [in German] by H Kleinsorge, S. Rosner. Reviewed by A. Smulevich. Zhur. nevr. i psikh. 61 no. 5: 777-781 '61.

Use of neuroplegia in anesthesiology. V. A. Kovanev, G. I. Lukomskii, N. A. Tikhonova. Vest. AMN SSSR 16 no. 3: 77-87 '61.

PHILOSOPHY

Baskin, M. P. [Philosophy and life] Filosofiia i zhizn'. Moskva, Izd-vo "Znanie" Vses. ob-va po raspr. polit. i nauchn. znanii, 1961. 39 p. (Narodnyi universitet kul'tury)

David Anakht. [Defining philosophy] Opredeleniia filosofii. Sbornyi kriticheskii tekst. Predisl. i kommentarii S. S. Arevshatiana. Erevan, Akad. nauk Armianskoi SSR, 1960. 167 p. (Pamiatniki armianskoi filosofskoi mysli, no. 2) [In Armenian and Russian.] (MH)

PHILOSOPHY—BIBLIOGRAPHY see Bibliography—Philosophy

PHILOSOPHY—HISTORY

Gnosiological roots of idealism in the present-day methods of bourgeois historiography in the light of the critical evaluation of Ernst Mach's theory by Lenin G. M Ivanov Trudy TGU 149: 96-102 '60

PHILOSOPHY—PERIODICALS

Closer to life! N. I. Bronskii, V. N. Golovanov, A. V. Potemkin. Vop filos 15 no 7, 161-167 '61

PHILOSOPHY—RESEARCH

The All-Union Coordinating Conference on Philosophical Problems A P Ermilov. Vop. filos. 15 no. 7: 145-151 '61.

Scientific progress and the tasks of philosophical studies. M. B Mitin. Vop filos 15 no 7: 21-24 '61

PHILOSOPHY, AZERBAIJANI

History of philosophy in Azerbaijan in the 11th and 12th centuries. A. O. Makovel'skii. Trudy Sekt. filos. AN Azerb. SSR 2: 5-25 '60.

PHILOSOPHY, FRENCH

"French free thought from Gassendi to Voltaire" [in English] by J. S. Spink Reviewed by V. N. Kuznetsov. Vop filos 15 no. 8 175-177 '61

PHILOSOPHY, FRENCH—PERIODICALS

"La Pensée," a French periodical. Reviewed by N. Z. Vop filos. 15 no. 7: 176-178 '61

PHILOSOPHY, GERMAN—PERIODICALS

"Deutsche Zeitschrift fuer Philosophie." Reviewed by W. Maltusch. Vop filos. 15 no 7, 175-176 '61.

PHILOSOPHY, HINDU

"A critical survey of Indian philosophy" [in English] by Chandradhar Sharma Reviewed by A M. Piatigorskii Vop. filos 15 no 8 176-179 '61

PHILOSOPHY, HUNGARIAN—PERIODICALS

"Magyar filozofiai szemle," a Hungarian periodical. O. J Vop. filos 15 no. 8 181-182 '61

PHILOSOPHY, POLISH

Ostpova, E. V. [Philosophy of the Polish enlightenment] Filosofiia pol'skogo prosveshchenila. Moskva, Izd-vo Akad. nauk SSSR, 1961. 251 p.

PHILOSOPHY, RUMANIAN—PERIODICALS

"Cercetări filozofice," a Rumanian periodical. O. Ketsan, V. Popescu. Vop filos. 15 no. 8: 180-181 '61

PHILOSOPHY AND RELIGION

Correlation between present-day subjectivist idealism and religion in the light of V. I Lenin's book "Materialism and empiric criticism." E. S Zharikov Trudy TGU 149: 118-120 '60.

PHONOGRAPH

Battery powered phonograph. E. Dodonov. Radio no. 5: 23-25 My '61.

Four-speed electric drive of a radio-phonograph V. Tolchin. Radio no. 4: 43-45 Ap '61

"Kazan-2" radio-phonograph and magnetic tape recorder combination A. Khatamez Radio no 4: 22-25 Ap '61

PHONORECORDS

Josef Hofmann performs. D. Rabinovich. Sov. muz. 25 no. 7: 94-97 Jl '61.

This book should be read. I. Bortsova. Radio no. 4: 10 Ap '61.

PHOSPHATES

(see also subdivision under Baltic Sea)

Bonus system of wages for workers in superphosphate production. V. A. Del'nik, G. N. Veselova. Khim. prom. no. 7: 502-503 Jl '61.

Effect of phosphates and polyphosphates on the solubilizing properties of detergents. P. A. Demchenko, A. V. Dumanskii. Dokl. AN SSSR 139 no. 4: 919-921 Ag '61.

How different sources of nitrogen in combination with phosphorus affect the content of nitrogenous substances and carbohydrates in tobacco [in Armenian with summary in Russian]. E. S. Avundzhian. Izv. Upr. sel'khoz. nauki Arm. SSR 4 no 3: 67-75 '61.

Using partly defluorinated phosphates for supplementary mineral feeding. A. M. Venedictov Biul. nauch. -tekh. inform. VIZH no. 1: 25-30 '58.

PHOSPHATES AS FEED

Defluorinated phosphates. A A Ionass. Priroda 50 no 8: 90-91 Ag '61

PHOSPHATIDES

Effect of acetylcholine on the renewal in vitro of phospholipids of the rat liver exposed to gamma radiation N N Demin, A S Kainova Radiobiologiia 1 no 2: 182-186 '61.

Influence of methionine and choline on the amount of phospholipids in the intestinal juice of dogs kept on a diet poor in lipotropic substances [with summary in English] U Z Kadyrov Vop pit 20 no 4 15-18 Jl-Ag '61

Method for determining phospholipids and cholesterol in the blood. D. V. Staroscl'skii Lab. delo 7 no. 6 12-13 Je '61.

PHOSPHINIC ACID

Interesterification of monoethyl methylphosphinite with glycols. K A. Petrov, L. E. Nifant'ev, R G Gol'tsova. Zhur ob khim 31 no 7: 2370-2373 Jl '61

Synthesis of dialkylacyl phosphites and alkylacyl phosphinites K A Petrov and others Zhur ob khim. 31 no 7 2373-2377 Jl '61

PHOSPHINIC AMIDE

N-diaminophosphinylaroylamides. G. I Derkach, V. V. Kruzement-Prikhod'ko, A V Kirsanov. Zhur. ob khim 31 no 7 2391-2396 Jl '61

PHOSPHINOUS ACIDS

Synthesis of esters of phosphorous and phosphinic acids by alcoholysis of their amides K. A Petrov and others Zhur. ob khim. 31 no 7 2377-2380 Jl '61

PHOSPHONIC ACID

Esters of cyclohexen-2-yl-1-phosphonic acid and some of their derivatives. B A. Arbuzov, E N. Dianova Izv AN SSSR Otd. khim nauk no 7 1288-1291 Jl '61.

Interesterification of methyl phosphonites K. A Petrov, L. E Nifant'ev, R G Gol'tsova Zhur. ob. khim 31 no 7 2367-2370 Jl '61

PHOSPHONITRILE CHLORIDE

Interaction of ethyleneimine with a trimer of phosphonitrile trichloride A. A Kropacheva, L E Mukhina Zhur. ob khim 31 no. 7: 2437 Jl '61

PHOSPHORESCENCE

Detection of chemoluminescence in the liver of irradiated mice. B. N Tarusov, A. I. Polivoda, A. N. Zhuravlev Radiobiologiia 1 no 1 150-151 '61.

Spheres of action of quenching in the case of energy transfer between triplet levels V L. Ermolaev Dokl. AN SSSR 139 no 2: 348-350 Jl '61.

Stationary observations on the luminescence of the sea N I Tarusov Biul. Okean kom no 6, 82-83 '60

Study of extremely weak spontaneous luminescence in animal cells. B. N. Tarusov, A I Polivoda, A I. Zhuravlev Biofizika 6 no 4 490-492 '61.

PHOSPHORITES see subdivision under Kazakhstan

PHOSPHORODITHOIC ACID

Antioxidants of the metal dialkyldithiophosphate type. P I Sanin and others. Dokl AN SSSR 139 no. 2, 393-395 Jl '61

PHOSPHOROUS ACID

Derivatives of phosphorus acid Part 2: Arbuzov rearrangement of esters of salicylphosphorous acid. I. V. Nesterov, R. A. Sabirova. Zhur ob khim. 31 no 7: 2358-2362 Jl '61

Synthesis of dialkylacyl phosphites and alkylacyl phosphinites. K. A. Petrov and others Zhur ob. khim 31 no. 7 2373-2377 Jl '61.

Synthesis of esters of phosphorous and phosphinic acids by alcoholysis of their amides. K. A. Petrov and others Zhur ob. khim. 31 no. 7: 2377-2380 Jl '61

PHOSPHORUS

Nikolaev, L. A. [Nitrogen, phosphorus, potassium] Azot, fosfor, kalii. Moskva, Izd-vo "Znanie" Vses. ob-va po rasprostraneniiu polit. i nauchn. znanii, 1961. 39 p. (Narodnyi universitet kul'tury. Estestvennonauchnyi Fakul'tet, no. 4)

PHOSPHORUS—ISOTOPES

Effect of a growth promoting substance of petroleum origin on the uptake of radioactive phosphorus by the cotton plant [in Azerbaijani with summary in Russian]. Z R Movsumov. Izv. AN Azerb SSR Ser. biol i med. nauk 3: 73-79 '61.

Effect of X irradiation on the uptake of P^{32} by leaves. S. O. Grebinskii, K. A. Skvarko. Radiobiologiia 1 no. 2: 308-309 '61.

Studying the levels of P^{31} by the aid of the $S^{35}(p,\gamma)P^{31}$ reaction. A K. Val'ter and others. Izv AN SSSR. Ser. fiz. 25 no. 7: 854-861 Jl '61.

PHOSPHORUS ACIDS

Some new types of the Arbuzov rearrangement. Part 13: Interaction of trialkyl phosphites with o- and p-nitrobenzaldehydes V. A. Kukhtin, K. M. Kirillova. Zhur. ob. khim. 31 no. 7: 2226-2233 Jl '61

PHOSPHORUS IN THE BODY

Prevention of calcium and phosphorus insufficiency in children of preschool age [with summary in English] A. M. Vorobieva. Vop. pit. 20 no. 4:23-28 Jl-Ag '61.

PHOSPHORUS METABOLISM

Calcium and phosphorus metabolism in high-productive cows with D-hypovitaminosis. V. P. Demchanchuk. Visnyk sil'hosp. nauky. 4 no. 8:86-90 Ag '61.

PHOSPHORUS ORGANIC COMPOUNDS

Investigating the reaction of pentaphenyl phosphorus with benzene by means of tagged atoms. G. A. Razuvaev, G. G. Petukhov, N. A. Osanova. Zhur. ob. khim. 31 no. 7:2350-2353 Jl '61.

Synthesis of new organophosphorous polyesters and polyamides. V. N. Odinokova, G. I. Kudriavtsev. Zhur. VKHO. 6 no. 4:179-180 '61.

Triarylloxyphosphazo-N-arylsulfonyliminobenzoyls and N-diaryloxyphosphinyl-N'-arylsulfonylbenzamidines. G. I. Derkach, G. F. Dregval', A. V. Kirsanov. Zhur. ob. khim. 31 no. 7:2365-2390 Jl '61.

PHOSPHORYLATION

Akademiia meditsinskikh nauk SSSR, Moscow. Institut eksperimental'noi meditsiny. [Phosphorylation and its functions; the 1958 symposium] Fosforilirovanie i funktsiia, simpozium 1958 g. Leningrad, 1960. 377 p. (Its Trudy) (MH)

PHOTOCHEMISTRY

Dispersion of birefringence in celluloid and its uses in photoplasticity [with summary in English] V. P. Nutrebko. Vest. Mosk. un. Ser. 1, Mat., mekh. 16 no. 3:53-61 My-Je '61.

Photocatalytic action of ZnO and TiO_2 in the reactions involving the liberation of oxygen. A. A. Krasnovskii, G. P. Brin. Dokl. AN SSSR. 139 no. 1:112-115 Jl '61.

Photochemical investigation of the mechanism of reaction between oxygen atoms and acetaldehyde. L. I. Avramenko, R. V. Kolesnikova. Izv. AN SSSR. Otd. khim. nauk. no. 7:1231-1234 Jl '61.

Photoreduction and demethylation of thiazine dyes on silica ash. Kh. L. Aivan, G. A. Korsunovskii, S. IU. Lebedev. Dokl. AN SSSR. 139 no. 2:402-405 Jl '61.

Probability of the transformation of the oscillation energy of oxygen in a collision with a nitrogen dioxide molecule. A. I. Osipov. Dokl. AN SSSR. 139 no. 2:351-354 Jl '61.

Temperature dependence of the photochemical process taking place in light-sensitive glasses. V. A. Borgman, V. M. Petrov, V. G. Chistoserdov. Zhur. fiz. khim. 35 no. 6:1383-1385 Je '61.

PHOTOELASTICITY

Optical investigation of stresses in the linings of hydraulic pressure tunnels of circular and horseshoe-shaped cross sections. I. M. Dmitriev. Trudy Nauch.-issl. sekt. Mosk. fil. Inst. "Orgenergostroi" no. 3:57-70 '59.

PHOTOELECTRIC CELLS

Investigation of channel triodes. Z. S. Gribnikov, V. N. Kompan, L. V. Sviatogor. Radiotekh. i elektron. 6 no. 8:1330-1341 Ag '61.

PHOTOELECTRIC MEASUREMENTS

Investigation of a semi-industrial device for measuring the length of pipes with the aid of photovaristors. A. A. Efendisade, A. A. Pershina. Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk. 2:69-76 '61.

PHOTOELECTRICITY

Optical properties of an photoelectron emission from Mg_3Sb_2. P. G. Borzdak, L. S. Miroshnichenko, R. D. Fedorovich. Fiz. tver. tela. 3 no. 6:1778-1785 Je '61.

Photoelectron emission from gold and chromium. G. A. Katrich and O. G. Sarbei. Fiz. tver. tela. 3 no. 6:1629-

photoeffect. B. A. Lysov.
'[illegible]-76 '61.

ve and accumulative
methods of its rep-
. L. V. Zorin. Trudy

s, Photographic

tters, Photographic

gle picture tells
. Ronis. Sov. foto

Sov. foto. 21 no. 7:

v. foto. 21 no. 7:39

DEVELOPERS
[illegible] M. Gelfen-
'61

New methods, new possibilities: Simultaneous developing and fixing of photographic materials. V. Abritalin. Sov. foto. 21 no. 7:36 Jl '61.

Small design for spiral developing machines. E. A. Zel'dina. Tekh. kino i telev. 5 no. 6:76 Je '61.

PHOTOGRAPHY—EXHIBITIONS

Creative cooperation of amateur photographers from four factories. V. Ponkin. Sov. foto. 21 no. 7:40 Jl '61.

Morris Gordon at the "Seven-year Plan in Action during 1961" Exhibition. Sov. foto. 21 no. 7:15 Jl '61.

Our interviews, "For friendship and mutual understanding." E. V. Ivanov. Sov. foto. 21 no. 7:30 Jl '61.

Seven-year plan in action. A. Pavlov. Na strol Ros. no. 6:2 of cover Je '61.

PHOTOGRAPHY—LAW AND LEGISLATION

Legal consultation. Sov. foto. 21 no. 7:48 Jl '61.

PHOTOGRAPHY—PRINTING PROCESSES

How to prepare a matrix for imbibition printing. N. Nikolaev. Sov. foto. 21 no. 7:34 Jl '61.

PHOTOGRAPHY—SCIENTIFIC APPLICATIONS

"Instrumentation and high-speed photography, collection of articles published by the JSMPTE in 1959 - 1960" (in English) Reviewed by V. G. Poll'. Tekh. kino i telev. 5 no. 6:93 Je '61.

PHOTOGRAPHY, AERIAL

AFA, the small aerial photographic camera of the Institute for Engineers in Geodesy, Aerial Photography, and Cartography. B. N. Rodionov. Trudy MIIGAIK no. 45:9-11 '61.

Equalizing the illumination in the field of view of "Russar" objectives. O. A. Gerasimova. Geod. i kart. no. 7:43-44 Jl '61.

Plenum of the interdepartmental committee on aerial photography. D. M. Kudritskii. Izv. AN SSSR. Ser. geog. no. 4:163-164 Jl-Ag '61.

PHOTOGRAPHY, ASTRONOMICAL see Astronomical photography

PHOTOGRAPHY, MEDICAL

Improving the technic of photographing optic sections of the cornea and crystalline lens [with summary in English]. I. A. Viazovskii. Oft. zhur. 16 no. 4:227-232 '61.

PHOTOGRAPHY, MILITARY

How to improve the handling of the camera gun. IU. N. Lebedev. Vest. protivovozd. oborony. no. 5:50 My '61.

PHOTOGRAPHY, PARTICLE TRACK

Analysis of cosmic ray showers produced by high-energy primary particles according to the nucleon excitation model [with summary in English]. L. A. Sanko, Zh. S. Takibaev, P. A. Usik. Zhur. eksp. i teor. fiz. 41 no. 1:139-145 Jl '61.

Angular distribution of μ-mesons in π-μ-decay [with summary in English]. A. O. Vaisenberg, E. D. Kolganova, Z. V. Minervina. Zhur. eksp. i teor. fiz. 41 no. 1:106-108 Jl '61.

Capture of μ^--mesons in carbon accompanied by B^{12} formation [with summary in English]. A. O. Vaisenberg. Zhur. eksp. i teor. fiz. 41 no. 1:109-112 Jl '61.

Cross section of the production of hypernuclei in photoemulsions by 9 bev protons [with summary in English]. I. B. Berkovich and others. Zhur. eksp. i teor. fiz. 41 no. 1:75-77 Jl '61.

PHOTOGRAPHY, STEREOSCOPIC

Method of marking films in stereoscopic photography of waves from the ship. K. M. Sirotov. Biul. Okean. kom. no. 6:84-85 '60.

PHOTOGRAPHY OF ANIMALS

Hunting without a gun. Priroda. 50 no. 8:124a-124d Ag '61.

PHOTOGRAPHY OF SPORTS

A coach is filming. K. Pushkar'ov. Ukraina. no. 15:26-27 Ag '61.

PHOTOMECHANICAL PROCESSES

Use of phosphorescent screens in making contact prints. IU. M. Trunin, V. S. Zakharov. Geod. i kart. no. 7:45-47 Jl '61.

PHOTOMETRY

Photometric methods for determining the available and total phosphorus in soils [with summaries in English, German, and French]. M. L. TSap. Vest. sel'khoz. nauki. 6 no. 7:112-119 Jl '61.

Using the Pulfrich photometer for determining the activeness of medicinal plants producing cardiac drugs. V. G. Minaeva. Trudy Bot. sada Zap.-Sib. fil. AN SSSR. no. 1:75-76 '56.

PHOTOMICROGRAPHY

Electron microscope method for investigating polymers. V. A. Kargin, G. S. Markova. Zhur. VKHO. 6 no. 4:362-369 '61.

PHOTONS

Effect of the loss of momentum and energy by a photon in the generation or annihilation of an exciton. E. F. Gross. Fiz. tver. tela. 3 no. 6:1899-1902 Je '61.

Fabrikant, V. A. [A beam into space] Luch idet v kosmos. Moskva, Izd-vo "Znanie," 1961. 28 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 9, Fizika i khimiia, no. 8)

PHOTONS—SCATTERING

Scattering of low-energy photons on a spin 1/2 system [with summary in English]. V. A. Petrun'kin. Zhur. eksp. i teor. fiz. 40 no. 4:1148-1154 Ap '61.

PHOTONUCLEAR REACTIONS

Double dispersion relations and photoproduction of π-mesons [with summary in English]. N. F. Bukhtiia. Zhur. eksp. i teor. fiz. 40 no. 4:1085-1092 Ap '61.

Nucleon correlations and photonuclear reactions. Part 1. Photodisintegration of He^4 [with summary in English]. G. M. Shklianevskii. Zhur. eksp. i teor. fiz. 41 no. 1:231-236 Jl '61.

Single-meson contribution to the photoproduction of π^--mesons on protons [with summary in English]. I. V. Lapenashvili, S. G. Matinian. Zhur. eksp. i teor. fiz. 41 no. 1:272-275 Jl '61.

PHOTOPERIODISM

Development and inheritance of photoperiodic features in interspecific hybrids of wheat. A. F. Shulyndin, E. M. Poltarev. Agrobiologiia. no. 4:516-524 Jl-Ag '61.

Photoperiodism in farm animals. A. M. Emme. Biul. MOIP. Otd. biol. 66 no. 4:156-157 Jl-Ag '61.

Physiological characteristics of larval development in the Chinese tussah moth (Antheraea pernyi G.-M.) under conditions of a long and short light day [with summary in English]. R. S. Ushatinskaia. Zool. zhur. 40 no. 7:1030-1038 Jl '61.

PHOTOSYNTHESIS

Determination of the isotope effect in the assimilation of labeled carbon dioxide in the process of photosynthesis and chemosynthesis [with summary in English]. I. I. Sorokin. Mikrobiologiia. 30 no. 2:204-208 Mr-Ap '61.

Intensiveness of photosynthesis in corn depending on the length of day. A. V. Khvan. Uch. zap. Ped. inst. Gorkogo. 178:165-172 '59.

The possibility of photosynthesis and chlorophyll formation at temperatures below the freezing point. T. N. Godnev, R. M. Rotfarb. Biul. Inst. biol. AN BSSR. no. 5:113-116 '60.

Senchenkova, E. M. [K. A. Timiriazev and the science of photosynthesis] K. A. Timiriazev i uchenie o fotosinteze. Moskva, Izd-vo Akad. nauk SSSR, 1961. 179 p.

PHTHALIC ACID

New decorative coatings based on diallyl phthalate (from "Modern Plastics," no. 12, 1960). Past. massy. no. 7:72-73 '61.

PHTHALIMIDE—SPECTRA

Effect of fluorescence quenchers of fluorescence spectra of solutions containing certain derivatives of anthracene and phthalimide in mixed solvents. A. S. Cherkasov. Dokl. AN SSSR. 139 no. 3:658-661 Jl '61.

PHTHALOCYANINE—SPECTRA

Formation of unstable forms of phthalocyanines and hematoporphyrin under pulsed illumination. A. N. Terenin, E. B. Liubomudrov, A. V. Shablia. Izv. AN SSSR. Otd. khim. nauk. no. 7:1206-1213 Jl '61.

PHYSICAL EDUCATION AND TRAINING
(see also subdivision under Slutsk)

Basis of good health. A. Dlugach, M. Sysuev. Mest. prom. i khud. promys. 2 no. 6:39 Je '61.

A good method of physical education. Nar. obr. no. 5:87-90 My '61.

Every boarding school should have its own summer camp. V. Borilkevich. Shkola-int. no. 3:72-73 My-Je '61.

Extracurricular work on track and field athletics. V. I. Shul'go. Sred. spets. obr. 8 no. 7:46-48 Jl '61.

Increasing the body's resistance. N. Zimkin, A. Korobkov. Voen. vest. no. 9:92-95 S '60.

PHYSICAL EDUCATION AND TRAINING—BIBLIOGRAPHY see Bibliography—Physical education and training

PHYSICAL EDUCATION AND TRAINING, MILITARY

Participation in sports is first cousin to combat training. V. Vesenin. Sov. voin. 43 no. 8:43 Ap '61.

PHYSICAL EDUCATION FOR CHILDREN

Bondarenko, V. A., and others. [Grading students' progress in physical education in grades 5-8] Otsenka uspevaemosti po fizicheskoi kul'ture v V-VIII klassakh. Pod red. V. A. Bondarenko. Moskva, Izd-vo Akad. (Pedagogicheskaia biblioteka uchitelia)

More resourcefulness in the physical education group work in Pioneer camps. V. V. Pyzhov. Rad. shk. 16 no. 5:62-65 My '61.

Physical education in boarding schools. S. Groshenko. Shkola-int. no. 2:69-73 Mr-Ap '61.

PHYSICAL GEOGRAPHY
(see also subdivision under Amur Valley; Bol'shaya Yerema Valley; Kunlun Mountains, Malaya Yeremа Valley; Tarim Depression, Tunguska Basin, see also Geomorphology)

Principal characteristics of the development of nature in the U S S R during the Quaternary (Glacial Epoch) K. K Markov, G. I. Lazukov, M P Gritchuk Izv. AN SSSR Ser geog. no 4,10-13 Jl-Ag '61.

Role of reservoirs in altering nature. S. L. Vendrov. Izv AN SSSR Ser geog no. 4:45-57 Jl-Ag '61

PHYSICAL OPTICS see Optics, Physical

PHYSICAL THERAPY

Tamazov, A. A. [Organization of physical therapy in hospitals and polyclinics] Organizatsiia fizioterapii v bol'nitsakh i poliklinikakh. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 209 p. (DNLM)

PHYSICALLY HANDICAPPED see subdivision under United States

PHYSICALLY HANDICAPPED—REHABILITATION
(see also subdivision under Kurgan Province, Omsk)

Discussing important problems of the work and life of the physically handicapped. Sots. obesp. 22 no. 6, 31-38 Ag '61.

Strong souls. A. Starkov. Ogonek 39 no 30:8-12 Jl '61.

Urgent problems of employment for the physically handicapped. L Khankin Sots. obesp 22 no 6:33-36 Je '61

Volodia's joy comes back D. Borodin. Sots. obesp. 22 no 7:53 Jl '61

PHYSICIANS, UZBEK

Degree No. 727158 A. Sadovnikova Uzbekistan 20 no 6:20-21 Je '61

PHYSICS

Akademiia nauk Uzbekskoi SSR, Tashkent. Otdelenie fiziko-matematicheskikh nauk. [Some problems in applied physics] Nekotoryе voprosy prikladnoi fiziki. Tashkent, 1961. 107 p.

Peryshkin, A. V. [Physics course] Kurs fiziki. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR.
Pt. 3. [Electricity, optics and atomic structure; textbook for high-school students of the 10th grade] Elektrichestvo, optika i stroenie atoma, uchebnik dlia X klassa srednei shkoly. Izd. 5. 1958. 334 p.

Semenchenko, V. K. [Selected chapters of theoretical physics] Izbrannye glavy teoreticheskoi fiziki. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 337 p.

PHYSICS—ABSTRACTS

[Physics.] Ref. zhur. Fiz. no. 8 Ag '61.

PHYSICS—BIBLIOGRAPHY see Bibliography—Physics

PHYSICS—DICTIONARIES

Sodikov, Kh. U. [Russian-Tajik physics dictionary] Lughati rusi-tochikii istilokhoti fizika. Stalinobod, Nashriёti davlatii adabiёti ta"limi-pedagogii Vazorati maorifi RSS Tochikiston, 1960. 167 p. [In Russian and Tajik]

PHYSICS—EXPERIMENTS

[Lecture demonstrations in physics] Lektsionnye demonstratsii po fizike. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry.
No. 1. Mlodzeevskii, A. B. [General instructions, molecular physics, and thermodynamics] Obshchie ukazaniia, molekuliarnaia fizika i termodinamika. 1948. 170 p.

PHYSICS—JUVENILE LITERATURE

Vasil'ev, M. V., and K. P. Staniukovich. [In the world of the seven elements] V mire semi stikhii. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 254 p.

PHYSICS—PHILOSOPHY

Balaban, G. IU. [The universe in the light of the universal theory of dynamic equilibrium] Real'nyi mir v svete universal'noi teorii podvizhnogo ravnovesiia. Hamilton, Ontario, 1960. 47 p.

The greatest physicist of our times; Niels Bohr as our guest. V. A Belokon'. Priroda 50 no 8:50-53 Ag '61

Lenin's theory of reflection and present-day physics. A. A. Furman. Trudy TGU 149 172-177 '60.

New developments in science. E. P. Andreev. Vop. filos. 15 no. 7:159-160 '61.

The problem of contradiction in the microcosm and the methodology of "complimentarity." A. R. Pozner. Vest. Mosk un. Ser. 8: Ekon., filos. 16 no. 4:63-75 Jl-Ag '61.

Significance of V. I Lenin's work "Materialism and empiric criticism" for the development of present-day physics. V. N. Keasenikh. Trudy TGU 149:164-171 '60

Two lectures of Niels Bohr I. S. Alekseev. Vop filos. 15 no 8 156-160 '61

PHYSICS—STUDY AND TEACHING

Organizing independent work in physics. S Shilova Shkola-int no 3 20-22 My-Je '61

Terent'ov, M. M. [Studying heat engines in the physics course for the ninth grade] Izuchenie teplovykh dvigatelei v kurse fiziki IX klassa; posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1958. 125 p.

Two demonstrations for a physics course. B Sh. Perkal'skii Izv. vys ucheb zav., fiz no 1 163-165 '61.

PHYSICS—TEXTBOOKS

Physics textbook for the eighth grade G Dubovyk Rad shk 40 no 5 85 My '61

PHYSIOLOGICAL APPARATUS

Apparatus for the ovoscopy of chick embryos under field conditions N. D. Alekseenko. Vop. virus 6 no 5 627-628 S-O '60

Model for the demonstration of heart activity. E. S. Press. Biol. v shkole no. 4 84-85 Jl-Ag '61

PHYSIOLOGICAL CHEMISTRY

Influence of cosmic factors on the results of precipitation reactions. N A. Shul'ts. Lab delo 7 no. 6 3-5 Je '61.

PHYSIOLOGICAL OPTICS see Optics, Physiological

PHYSIOLOGICAL OXIDATION see Oxidation, Physiological

PHYSIOLOGY

"Local reaction of protoplasm and irradiating excitation" by D. N. Nasonov. Reviewed by V. Karasik, I. Suzdal'skaia. Fiziol. zhur. 46 no. 3:368-370 Mr '60.

Scientific corroboration of the critical evaluation of "physiological" idealism by Lenin. V. A. Pegel'. Trudy TGU 149 130-138 '60.

PHYSIOLOGY—STUDY AND TEACHING

Activation of the educational process in human anatomy and physiology classes N. A Veprikova Biol. v shkole no. 3:32-35 My-Je '61.

Ways to activate the educational process during the lessons on human anatomy and physiology E P. Brunova Biol. v shkole no. 4:26-30 Jl-Ag '61.

PHYSIOLOGY, EXPERIMENTAL

Danilov, N. V. [Experimental physiology; lectures and demonstrations on the physiology of man and animals] Eksperimental'naia fiziologiia; lektsionnye demonstratsii po fiziologii cheloveka i zhivotnykh. Tashkent [Medgiz] UzSSR, 1960. 202 p. (DNLM)

PHYSIOTHERAPY see Therapeutics, Physiological

PHYTOGEOGRAPHY—CONGRESSES

Conference on indicative geobotany. S C. Viktorov, A. G. Chikishev Izv. AN SSSR. Ser geog no 4:161-163 Jl-Ag '61.

PHYTOGEOGRAPHY—MAPS
(see also subdivision under Mechlenburg, Germany)

New stage in the development of geobotanical cartography. A. G. Voronov. Biul. MOIP. Otd. biol. 66 no. 4: 143-145 Jl-Ag '61.

PHYTONCIDES

Protistocide properties of potatoes. I. I. Maremenko. Antibiotiki 6 no. 5:452 My '61.

PHYTOPATHOGENIC BACTERIA see Bacteria, Phytopathogenic

PHYTOPLANKTON
(see also subdivision under Antarctic regions; Black Sea; Kara Kum Canal)

Role of photosynthetic aeration in the rotation of organic matter in Lake Baikal. K K. Votintsev. Dokl. AN SSSR 139 no 1:211-213 Jl '61

PHYTOSOCIOLOGY

Association of species and structure of phytocoenoses. V. I. Vasil'evich. Dokl. AN SSSR 139 no 4:1001-1004 Ag '61.

PIATNITSKII, MITROFAN EFIMOVICH, 1864-1927

Documents tell the story N. Chernikov. Ogonek 39 no 23:20 Je '61

PICOLINE

β-Picoline ammonia complex compounds of divalent platinum. M. I. Ivanova. Zhur. neorg. khim 6 no. 7: 1534-1542 Jl '61.

PIECEWORK

Piecework. S. Mitin. Ekon. stroi. no 6:35-41 Je '61.

PIEZOELECTRIC SUBSTANCES

Investigating natural noises in Seignette's salt crystals V. F. Mgeladze Trudy LKI no. 29:241-243 '59

PIEZOELECTRICITY

Condensor vibration-measuring apparatus for testing piezoelectric emitters and receivers in seismic modeling. V. P. Telezhenko, Z. A. Zuev. Trudy SNIIGGIMS no. 9:136-141 '60.

Piezoresistance effect in p-Bi_2Te_3. IU. V. Ilisavskii. Fiz. tver. tela 3 no 6, 1898-1899 Je '61.

PIGEONS see subdivision under Estonia

PIGMENTS

Determining the concentration of pigments in dispersing media. F. IA. Sid'ko, I A Terskov Izv. vys. ucheb zav., fiz no 2 164-170 '61

PILING (CIVIL ENGINEERING)
(see also subdivision under Stalingrad; Sweden)

Bearing capacity of short piles A. Obodovskii, P Katunov Stroi i arkhit Mosk 10 no 6 29 Je '61

Boring holes at the base of inclined shell-type columnar fountains. I L. Moskalev, E. A Tiulenev Transp stroi 11 no. 7:15-17 Jl '61.

Constructing pile foundations. M. Abelev and others Stroitel' no 6 18-19 Je '61.

Design of pile foundations on the basis of deformations. V N Golubkov, V. F. Khumich Izv vys ucheb zav; stroi i arkhit 4 no 3:39-46 '61

Driving piles with diesel hammers not of the drop hammer type L. N. Litvinov and others. Transp stroi 11 no. 7:13-14 Jl '61

Efficient elements. A. Obodovskii. Na stroi. Ros. no. 6:19-20 Je '61

Pile drivers. Stroi. i dor mash. 6 no 6:37-38 Je '61

Pile foundations V Kosolapov, E Svetinskii Stroitel' no 6 15-18 Je '61

Round hollow piles. P. Sorokin. Na stroi. Ros. no. 6: 15-17 Je '61

"Vibration method of sinking piles and its use in construction" by O A. Savinov, A. IA Luskin. Reviewed by A. S Golovachev Osn., fund i mekh. grun. 3 no. 3 31 '61.

We are introducing improved types. A. M. Goncharov. Transp. stroi. 11 no. 7:7 Jl '61

PILOCARPUS see subdivision under Sukhumi

PINE
(see also subdivision under Kola Peninsula, Leningrad Province, Siberia, Western)

Growth characteristics of pine in the course of the growing period under conditions prevailing in the forest zone. F. N Kharytanovich Vestsi AN BSSR Ser. biial. nav no. 2 29-34 '61

Organize the production of vitamin-rich pine needle meal. R. Tomchuk. Les prom 39 no 7 16 Jl '61

PINSK—LIBRARIES AND READERS

A library book for everyone S Fedorovich Bibliotekar' no 7 39 Jl '61

PIONEERS (COMMUNIST YOUTH)
(see also subdivision under Germany, East; Karelia; Kherson, Moscow; Novograd-Volynskiy District; Ukraine)

About our great friends K Selikhov Shkola-int no 2 86-87 Mr-Ap '61

Anniversary celebration of young followers of Lenin Kryl. rod. 12 no 5:10 My '61

Discussions on the rules for Junior Pioneers. O. F. Teplinkova. Nach shkola 20 no 7:63-69 Jl '61.

For diversity in Pioneers' work V. Litvinov Shkola-int no 2 37-40 Mr-Ap '61

Friendship between Junior Pioneers and the Pioneers in a camp. N. S. Panova Nach. shkola 20 no 6 53-58 Je '61.

Great and important task. N. Lapina Okhr truda. i sots. strakh 4 no. 6 12 Je '61.

Mass nature study and agricultural work in a Pioneers camp P. A Zhil'tsov Biol. v shkole no. 3:54-56 My-Je '61.

More resourcefulness in the physical education group work in Pioneer camps V. V Pyzhov. Rad shk 40 no 5,62-65 My '61

Pioneer camp in a city. P. A. Zhil'tsov Nach. shkola 20 no. 6:59-62 Je '61.

Pioneer work in the Krasnoborsk elementary school. A. L. Ivanova, G. S. Mironova. Nach. shkola 20 no. 8: 94-95 Ag '61.

Socially useful work of the Pioneers. IU Podobin Shkola-int. no 3 37-38 My-Je '61.

The two-year plan of the Pioneers and the role of teachers. L. Zashchyrynskaia. Nar. asv. no 5:11-17 My '61

We teach the Pioneers to esteem the revolutionary traditions of our people. O. Zdanovich Nar. asv. no 5, 51-53 My '61.

Young Pioneers to the party congress. Nach. shkola 20 no. 6 3-8 Je '61.

PIONEERS (COMMUNIST YOUTH)—BIBLIOGRAPHY see Bibliography—Pioneers (Communist youth)

PIPE

Coating pipes on a stationary base. Stroi. truboprov. 6 no. 5:24-25 My '61

Determining some technological parameters in coating pipe with polymer strips. N. P. Shagov, V. A. Spirin. Stroi. truboprov. 6 no. 6,14-16 Je '61

Planning the protection of underground pipes against stray currents. E. V. Vasilevskii, E. M. Gutman Stroi. truboprov. 6 no. 6:11-12 Je '61.

PIPE—BIBLIOGRAPHY see Bibliography—Pipe

PIPE—HYDRODYNAMICS
Determination of head losses due to vortex resistances in water distributing and collecting pipe systems A I Igorov Vod. i san. tekh no 2 17-21 F '61

PIPE — STANDARDS
Changes in standards Vod i san. tekh. no. 3,35-37 Mr '61

PIPE—TRANSPORTATION
Standard series of pipe-transporting machines. A I. Gal'perin, V. F Nikolenko, I V Makarov Stroi truboprov. 6 no 6 6-10 Je '61

PIPE—WELDING
(see also subdivision under Krasnodar Territory)
Let's regulate quality control of welded joints L A Sosin Stroi. truboprov 6 no. 6 23-25 Je '61
Magnetographic flow detector. Na stroi. Ros. no. 6 5 Je '61.

PIPE, ASBESTOS-CEMENT
More attention to asbestos-cement water pipelines. A V Shishkanov Vod i san tekh. no 7 26-27 Jl '61
State standard for rubber rings for asbestos cement water conduits. Biul stroi. tekh. 18 no. 6 15-16 Je '61

PIPE, CONCRETE
(see also subdivision under Sweden)
Efficient types of water conduits Stroi. Arkhit Len. 23 no 7 38 Jl '61
Features of the technology of manufacturing centrifuged reinforced concrete pressure pipes I N Akhverdov Shor. nauch rab Inst. bud. i arkhit AN BSSR no 3;62-70 '60.
Manufacturing pressure pipes by hydraulic pressing. M. Vozhennikov. Na stroi. Ros. no. 5 25-26 My '61.

PIPE, COPPER
Use of a coil method in the preparation of copper pipes with a small cross section. K. T. Kima, N. V. Safronova. Prom. energ. 16 no. 5 15 My '61.

PIPE, GLASS
Butt joint for glass heat-resistant pipes. H. Kadlubovich, V. Holov Stil'. bud 11 no 6;19 Je '61.

PIPE, PLASTIC
Use of pipes from high-pressure polyethylene F. A Shevelev, D F. Kagan, D M. Vanlakin. Vod i san tekh no 3 13-17 Mr '61

PIPE, PLASTIC—TABLES, CALCULATIONS, ETC.
Sapozhnikov, M. M., and others. [Tables and nomograms for the hydraulic calculation of plastic pipes] Tablitsy i nomogrammy dlia gidravlicheskogo rascheta plastomassovykh trub. Pod red. A. V. Teplova. Leningrad, 1961. 7 p. tables. (Leningradskii Dom nauchno-tekhn. propagandy. Obmen peredovym opytom. Seriia: Stroitel'naia promyshlennost', no. 3)

PIPE, STEEL see subdivision under Cherepovets

PIPE, STEEL—WELDING
Resistance welding of longitudinal pipe seams by radio-frequency currents. I. V. Kirdo, IU. N. Skachko, I. K. Oleinik. Avtom. svar. 14 no. 7, 7-14 Jl '61.
Russia (1917- R. S. F. S. R.) Ministerstvo stroitel'stva. [Instructions on the welding and inspection of welded joints of pipelines made of steel alloys] Instruktsiia po svarke i kontroliu svarnykh soedinenii truboprovodov iz legirovannykh stalei; VSN 22-60. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 62 p.

PIPE, WOODEN
Head losses in plywood pipes. A. S. TSeitlin, E. S. Torianik. Vod. i san. tekh. no. 3;0-12 Mr '61.
Use of plywood pipes. IU. S Dem'ianenko. Vod. i san. tekh. no. 3;12-13 Mr '61.

PIPE BENDING
Automatic control of pipe bending at pipeline plants L. I Zaltsman, E I. Pasiuk. Energomashinostroenie 7 no. 6 34-37 Je '61.

PIPE CUTTING
(see also subdivision under United States)
Morkuchov, D. A. [Use of contactless relay components with semiconductor elements for the automatic control of pipe cutting mills] Primenenie beskontaktnykh releinykh elementov na poluprovodnikakh dlia avtomaticheskogo upravleniia trubootreznym stankom. Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Pribory i elementy avtomatiki, no. 6)

PIPE FITTING
Device for joining asbestos-cement pipes. V. Shugai. Tekh. v sel'khoz. 21 no. 7 88-89 Jl '61.

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Collection No. 12-M of unified regional estimates for installation operations of pipes and fittings] Sbornik No 12-M edinyk raionnykh edinichnykh rastsenok na montazhnye raboty, truboprovody i armatura. Moskva, Gos izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
Pt. 2. [Pipes from stainless steel, nonferrous metals, and ferrosilid] Truboprovody iz trub nerzhaveiushchikh stalei, tsvetnykh metallov i ferrosilida. 1961. 390 p.

PIPE FITTINGS
New butt joint for asbestos-cement pipes S. N. Anorov, N E Fomkin Vod i san tekh no 7 24-26 Jl '61

PIPE JOINTS—WELDING
Welding rotatable joints without reinforcing rings in a carbon dioxide medium V. Z Dubrovskii, IA. I. Kuntianskii Stroi. truboprov 6 no 5 16-19 My '61

PIPE MILLS
Automatic control of mechanisms in the tail part of the 650 pipe-rolling mill V I Fingenov, P. G Lobaznov, V G Pogorelov Shor rats predl vnedr v proizv. no 2,27-28 '61
Changing the design of the die-axle shanks of a sizing mill V. P Pronin. Shor rats predl vnedr v proizv no 2 30 '61
Device for tying up pipe piles. K. K Miakota, S. P Cherkasov. Shor rats. predl. vnedr v proizv no. 1 26 '61.
Fastening of rolls on axles of the sizing mill A P. Sazhin Shor rats predl vnedr v proizv. no 2;30-31 '61
Fastening the idle chain wheel of the rod supporting head. P I. Kvanin Shor rats. predl vnedr. v proizv no 2;29 '61.

PIPE THREADS see Screw threads

PIPELINE TRANSPORTATION OF SOLIDS see Hydraulic conveying

PIPELINES
(see also subdivision under France)
According to Lenin's plans. F. Levin. Stroi. truboprov. 6 no 5;1-2 My '61.
Laying pipe by the piercing method. I. Mones. Zhil.-kom khoz. 11 no 5 14-15 My '61
Let's review the principles of specialization in pipeline construction. V. A. Volkov Stroi truboprov. 6 no 5; 7-8 My '61.
Place of specialized organizations in the system of the Main Administration of the Gas Industry of the USSR. M. K Artemov Stroi truboprov. 6 no. 5;9-10 My '61.
"Problems of strength in pipelines and reservoirs." Book review. Stroi truboprov 6 no 5;32 My '61.
Simplified formulas for calculating the capacity of pipelines V. Bykov. Mias. ind SSSR 31 no. 4;17-19 '60.
Useful timely book ("Planning and building underwater pipe lines" by S. I. Levin Reviewed by B. V Gil') Stroi truboprov. 6 no 6,31-32 Je '61

PIPELINES—CORROSION
Controlling corrosion in hot-water supply systems by water stabilization through filtration. IU M. Varfolomeev. Vod i san. tekh no 2,13-17 F '61

PIPELINES—EQUIPMENT AND SUPPLIES
Zhilinskii, P. P. [Pipe-laying machinery; operation and repair] Truboukladchiki; ekspluatatsiia i remont. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 129 p. (V pomoshch' stroiteliam truboprovodov)

PIPES, DEPOSITS IN
Hydromechanical cleaning of pipelines from incrustations and deposits. A. A. Vitenzon Vod i san. tekh. no. 2;37-38 F '61.
Prevention of incrustations in units and pipelines of soda manufacture distillation plants E. T. Gromova. Zhur. prikl. khim 34 no 7 1502-1508 Jl '61

PIPITS see subdivision under Ashkhabad region

PIROGOV, NIKOLAI IVANOVICH, 1810-1881—BIBLIOGRAPHY see Bibliography—Pirogov, Nikolai Ivanovich, 1810-1881

PISAREV, DMITRII IVANOVICH, 1840-1868
Logachev, G. V. Dmitrii Ivanovich Pisarev. [Lipetsk] Lipetskoe knizhnoe izd-vo, 1960. 21 p. (Nashi znatnye zemliaki)
(MH)

PISTACHIO see subdivision under Turkmenistan

PISTOLS
Care of the sports pistol. Voen. znan. 37 no. 8;31 Ag '61

PISTON RINGS
Adjusting piston rings A. Kaloshin. Sel'. mekh. no. 7; 31 '61.
Steel oil control piston rings. L. Burov and others. Tekh. v sel'khoz. 21 no. 8 80-83 Ag '61.

PITCH
Road covering of pitch and soil. Sel'. stroi. 16 no 6 15 Je '61.

PITUITARY BASOPHILISM see Cushing syndrome

PLACENTA PREVIA see Labor, Complicated

PLAGIARISM
More about the methods of historical studies, our answer to G. I. Shigalin Ist SSSR 5 no 4;234-235 Jl Ag '61.

PLAGIOCLASE
Sericitization and epidotization of plagioclases in quartz-diorites in the Sukhovyaz granite massif in the Urals. Li Ben'-sian [Li Pen-hsiang]. Izv. vys. ucheb. zav., geol. i razv. 3 no 6 123-125 Je '60.

PLAITING see Braid

PLANETS
To the nearest planets M P Barabashov Nauka i zhyttia 11 no 6 5-10 Je '61

PLANKTON see subdivision under Black Sea

PLANT BREEDING
Marinich, P. E. [Outstanding Soviet plant breeders] Vydaiushchiesia sovetskie selektsionery. Moskva, Izd-vo "Znanie," 1961. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 5, Sel'skoe khoziaistvo, no 13)

PLANT BREEDING—STUDY AND TEACHING see subdivision under Chuvashia

PLANT CELLS AND TISSUES
Molecular-structural heterogeneity of the internal tissue in the apical and stolonate parts of a potato tuber I Z. Lazarev Biofizika 6 no 4 503-511 '61

PLANT CUTTINGS
Foliar feeding of green gooseberry cuttings. N. S. Tikhonovskii. Vestsi AN BSSR. Ser biial nav. no 2 123-124 '61.
Propagation of poplars by stem cuttings V. A Chervin. Visnyk sil'hosp nauky 4 no 8 105-108 Ag '61

PLANT PHYSIOLOGY
Kinetics of the exosmosis of water from tissues of plants belonging to different ecological types A P Petrov Nauch. dokl vys shkoly, biol nauki no 3 138-142 '61

PLANT PROPAGATION
Propagation of plants by leaves. V. F. Medvedskaia Biol. v shkole no. 4;83 Jl-Ag '61

PLANT SOCIOLOGY see Phytosociology

PLANTERS (AGRICULTURAL MACHINERY)
(see also subdivision under Germany, East)
Combined SKON-4, 2 mounted vegetable planter V. I. Tarasenko. Trakt. i sel'khozmash 31 no 8,44 Ag '61.
Investigating the seeding apparatus of single-seed sugar beet planters. V S. Basin. Trakt i sel'khozmash. 31 no 2;24-27 F '61

PLANTING TIME
How the time of planting affects the protein content of winter wheat in the Ukrainian steppe region V. F Pitel'nychenko. Visnyk sil'hosp. nauky 4 no. 8 99-100 Ag '61.

PLANTS—ASSIMILATION
Effect of a growth promoting substance of petroleum origin on the uptake of radioactive phosphorus by the cotton plant [in Azerbaijani with summary in Russian]. Z R. Movsumov. Izv. AN Azerb SSR. Ser. biol i med. nauk 3,73-78 '61.
Effect of increased temperature on nitrogen and phosphorus assimilation by plants. M M. Gukova Dokl AN SSSR 139 no 4 1005-1007 Ag '61.
Effect of X irradiation on the uptake of P^{32} by leaves. S. O. Grebinskii, K. A. Skvarkov. Radiobiologiia 1 no. 2;308-309 '61

PLANTS—CHEMICAL ANALYSIS
Biochemical characteristics of potato varieties based on the composition of cell sap A S. Vecher, O K. Shtykar', L. S. Nosonovich Biul Inst. biol AN BSSR no 9 186-195 '60.
Talking to a plant. K P. Magnitskii. IUn nat no 7 34-35 Jl '61.
Unit for soil fertility tests. IU. I. Gladyshevskii Priroda 50 no. 8;114-115 Ag '61.

PLANTS—EVOLUTION
Biological forms and agricultural practice. T. S. Rubanov. Shor. st. Irk. VPSH no. 1;164-165 '59.

PLANTS—FROST RESISTANCE

Morphological and anatomical characteristics of tree and shrubbery buds and their ability to adapt themselves to winter conditions. M. A. Lilimova Uch zap Ped. inst Certs. 178 99-110 '59.

Winter hardiness of certain rye varieties V. IA. IUr'ev, V. P. Pakhomova Visnyk sil'hosp nauky 1 no 8 21-24 Ag '61

PLANTS—METABOLISM

Effect of different seeding times and methods on the metabolism of forage crops [in Azerbaijani with summary in Russian] B. Z. Guseinov, A. M. Mamedov Izv. AN Azerb SSR Ser. biol. i med. nauk 3 3-8 '61

Serine synthesis from hydroxypyruvic acid in plants. V. L. Kretovich, Dokl AN SSSR 139 no 2;488-490 Jl '61

PLANTS—NUTRITION

Assimilate translocation in wheat during the phase of earing as related to the conditions of nitrogen and phosphorus nutrition A. A. Anisimov Dokl AN SSSR 139 no 3;742-743 Jl '61

Migration of isotopes S^{35} and P^{32} between higher plants and algae E. K. Uzorin Bot zhur. 46 no 5;731-733 My '61

PLANTS—REPRODUCTION

Interesting case of the reproduction of Salix nigricans K. K. Khmel'nitskii Priroda 50 no 8,106 Ag '61.

PLANTS—TRANSPIRATION

Transpiration of fruit in oilseed plants A. A. Prokof'ev, K. M. Kats Dokl. AN SSSR 139 no. 3;744-747 Jl '61

PLANTS, EFFECT OF ARIDITY ON

Pathological characteristics of microsporogenesis in wheat under unfavorable soil moisture conditions V. V. Ankiev. Uch. zap. Ped. inst. Certs 178;25-35 '59

PLANTS, EFFECT OF CHLORINE ON

Effect of trace elements on the salt tolerance of the cotton plant. A. N. Giul'akhmedov. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 4,65-72 '61.

PLANTS, EFFECT OF ETHYLENIMINE ON

Comparative study of the mutagenic effect of gamma rays and ethyleniminе N. S. Eliges, S. A. Valeva. Radiobiologiia 1 no 2,301-307 '61.

PLANTS, EFFECT OF GAMMA RAYS ON

Changes in the pollen grains of rye plants exposed to continuous gamma irradiation. I. P. Brestavots, Z. F. Miloshko, I. M. Kryzhanovskaia Radiobiologiia 1 no. 1;126-134 '61

Comparative study of the mutagenic effect of gamma rays and ethyleniminе N. S. Eliges, S. A. Valeva Radiobiologiia 1 no 2;304-307 '61

Decrease of the amount of thymine in the desoxyribonucleic acid of gamma-irradiated pea seedlings. V. I. Tokarskaia Radiobiologiia 1 no 2;193-199 '61.

Irradiation of apple trees by Co^{60} S. I. Isaev, I. V. Dilagina, G. V. Savchenko Nauch dokl. vys. shkoly, biol nauki no. 3 105-108 '61

PLANTS, EFFECT OF LIGHT ON

Effect of light on the development and alkaloid accumulation of various Datura species S. E. Shpilenia. Uch. zap. Ped. inst. Certs. 178;111-117 '59.

Effect of photoperiod on the branching, budding, and flowering of cotton [with summary in English]. N. N. Konstantinov Bot. zhur 46 no. 5;628-633 My '61.

PLANTS, EFFECT OF PHYTONCIDES ON

Role of biologically active substances in plant life. H. A. Vysotskyi Mikrobiol. zhur. 23 no 2;59-62 '61.

PLANTS, EFFECT OF RADIATION ON

Experimental mutations in spring wheat and their breeding significance P. K. Shkvarnikov, I. V. Chernyi. Radiobiologiia 1 no 2;296-303 '61.

Impedance method of studying structural changes in plant tissues caused by ionizing radiation. E. V. Budnitskaia and others. Radiobiologiia 1 no. 1;37-41 '61.

PLANTS, EFFECT OF RADIOACTIVITY ON

Effect of increased natural radioactivity on plants. E. A. Vostokova Bot zhur 46 no. 5;676-680 My '61.

PLANTS, EFFECT OF SALTS ON

Changes in the nitrogen metabolism of Arshtati-42 wheat grown in saline soils. B. A. Akopian Izv. AN Arm. SSR. Biol. nauki 14 no 5;75-80 My '61.

Effect of controlled cultivation on some physiological salt tolerance indices in woody plants. S. A. Alekperov. Izv. AN Azerb. SSR Ser. biol. i med. nauk 3,9-22 '61.

PLANTS, EFFECT OF SOIL MOISTURE ON

Effect of nitrogen and phosphorus on the ratio of free and bound water in the leaves of barley under various conditions of soil moisture. M. S. Miller. Uch. zap. Ped. inst. Certs. 178-11-23 '59.

Effect of high soil moisture on the growth and development of barley. B. I. Lerman, F. D. Skazkin. Uch. zap. Ped. inst. Certs. 178-3-10 '59.

Effect of unfavorable soil moisture conditions on the protoplasm of the epidermis cells in "Viner" barley leaves I. G. Zavadskaia. Uch zap Ped inst Certs 178-181-183 '59.

Resistance of winter rye to standing water. I. A. Stefanovskii. Agrobiologiia no. 4 573-576 Jl-Ag '61.

PLANTS, EFFECT OF TEMPERATURE ON

Ear formation in perennial grasses under relatively high temperature A. K. Fedorov Bot. zhur 46 no. 5;680-683 My '61

Effect of increased temperature on nitrogen and phosphorus assimilation by plants M. M. Gukova Dokl AN SSSR 139 no 4 1005-1007 Ag '61.

Effect of low temperatures on chromosomal morphology of potato species. N. A. Lebedeva Dokl AN SSSR 139 no 2;463-466 Jl '61

The possibility of photosynthesis and chlorophyll formation at temperatures below the freezing point T. N. Godnev, R. M. Rotfarb. Biul. inst biol. AN BSSR no 5 113-115 '60

PLANTS, EFFECT OF ULTRAVIOLET RAYS ON

Effect of brief ultraviolet light pulses on protochlorophyll formation in etiolated barley seedlings T. N. Godnev, N. K. Akulovich Biul Inst biol AN BSSR no 5 116-117 '60

PLANTS, EFFECT OF WATER ON

Flood resistant arboreous species in Turkmenistan G. S. Novikov. Izv. AN Turk SSR Ser. biol. nauk no 2 65 '61.

PLANTS, EFFECT OF X RAYS ON

Effect of X irradiation on the uptake of P^{32} by leaves. S. O. Grebinskii, K. A. Skvarko Radiobiologiia 1 no 2, 306-309 '61.

Formation of antimitotic substances in different plant species following irradiation L. M. Kriukova Radiobiologiia 1 no. 1;139-140 '61.

Mutagenic properties of metabolites developing in irradiated plants. I. M. Kriukova Radiobiologiia 1 no 2,310-311 '61

Rate and dose-dependence of the formation of antimitotic substances in irradiated leaves of Vicia faba A. M. Kuzin, I. M. Kriukova Radiobiologiia 1 no 2;293-295 '61.

Significance of the disturbance of metabolic reactions in radiation injury of seeds N. M. Berezina, V. A. IAzykova Radiobiologiia 1 no 1;133-139 '61

PLANTS, EFFECT OF ZINC ON

Role of zinc in vital processes of the cotton plant. A. Kh. Kustova. Izv. AN Turk. SSR Ser. biol nauk no 2 13-20 '61.

PLANTS, MOTION OF FLUIDS IN

Assimilate translocation in wheat during the phase of earing as related to the conditions of nitrogen and phosphorus nutrition A. A. Anisimov Dokl AN SSSR 139 no 3;742-743 Jl '61

Physiological relationships among individual shoots in the barley plant. V. M. Terent'ev, R. I. Tsareva, A. N. Lotko Biul Inst biol. AN BSSR no 5 163-180 '60.

PLANTS, PROTECTION OF see subdivision under Dabushkin

PLANTS, PROTECTION OF—CONGRESSES

All-Union Conference on the Chemicals for the Protection of Plants Khim prom no 7;515-516 Jl '61.

PLANTS, SPACE ARRANGEMENT OF

Effect of different planting methods on root nodule formation in soybeans A. S. Ragimov. Izv. AN Azerb. SSR. Ser. biol. i med nauk 3 37-40 '61.

Effect of different seeding rates on elements determining the yields of some barley varieties. F. A. Guseinov. Izv. AN Azerb. SSR. Ser biol. i med. nauk 3 29-35 '61.

PLASMA (IONIZED GASES)

Calculation and measurement of the deionization potential of plasma. V. A. Ivanchenko. Izv. NIIPT no. 6;121-130 '60.

Confinement of plasma in traps with a magnetic field growing towards the periphery [with summary in English]. S. IU. Luk'anov, I. M. Podgornyi, V. N. Sumarokov. Zhur. eksp. i teor. fiz 40 no 2;448-451 F '61.

Dispersion equations for an ordinary wave moving in a plasma transversely to an external magnetic field [with summary in English] IU. N. Dnestrovskii, D. P. Kostomarov. Zhur. eksp i teor. fiz. 40 no. 5;1404-1410 My '61.

Disturbances caused in the plasma by a fast moving body. L. P. Pitaevskii. Geomag. i aer. 1 no. 2;204-208 Mr-Ap '61.

Effect of an external magnetic field on the boundary layer in a plasma. E. I. Andriankin, IU. S. Sigalov Zhur. tekh. fiz 31 no. 7;775-780 Jl '61.

Electromagnetic properties of a relativistic plasma. Part 2 [with summary in English]. V. P. Silin. Zhur. eksp. i teor. fiz. 40 no. 2,616-625 F '61.

Electromagnetic properties of a relativistic plasma. Part 3 [with summary in English]. V. P. Silin, E. P. Fetisov. Zhur eksp. i teor. fiz. 41 no. 1 159-170 Jl '61.

Electronic oscillations of a plasma between two electrodes. S. V. Iordanskii. Zhur. tekh. fiz. 31 no. 5 549-555 My '61

Equation of state for partially ionized hydrogen [with summary in English] L. P. Kudrin Zhur. eksp i teor fiz 40 no 4 1134-1139 Ap '61.

Examining the kinetics of certain equilibrium plasma configurations [with summary in English] A. I. Morozov, L. S. Solov'ev Zhur eksp i teor fiz 40 no 5 1316-1321 My '61

Interaction between an electron beam and a plasma in a magnetic field I. F. Kharchenko and others Zhur tekh fiz 31 no 7;761-765 Jl '61.

International Conference on the Peaceful Uses of Atomic Energy, 2d, Geneva, 1958. [Transactions. Selected reports by foreign scientists. Izbrannye doklady inostrannykh uchenykh] Moskva, Izd-vo Glav. uprav. po ispol'zovaniiu atomnoi energ. pri Sovete Ministrov SSSR.

Vol. 1. [Physics of a hot plasma and thermonuclear reactions] Fizika goriachei plazmy i termoiadernye reaktsii. Pod obshchei red. V. F. Kalinina. 1959, 517 p.

Kinetic theory of a low-pressure plasma thermoelement. M. I. Kaganov, R. IA. Kucherov, L. F. Rikenglaz Zhur. tekh fiz. 31 no. 5 586-596 My '61

Magnetic compression of plasma. I. M. Zolotoi'ubov and others Zhur tekh. fiz 31 no 5 518-521 My '61

Magnetoacoustic method of plasma ionization I. K. Zavoiskii and others. Zhur. tekh. fiz. 31 no. 5 513-517 My '61.

Magnetohydrodynamics for a nonisothermal plasma without collisions [with summary in English] IU. L. Klimontovich, V. P. Silin Zhur eksp i teor fiz 40 no. 4 1213-1223 Ap '61.

Method for measuring the temperature of a plasma in magnetic mirror systems Part I. Election model. V. A. Ovsiannikov and others. Zhur tekh fiz. 31 no. 5; 577-581 My '61.

Nature of the instabilities resulting from the interaction of beams of charged particles and plasma IA. B. Fainberg, V. I. Kurilko, V. D. Shapiro Zhur tekh fiz 31 no 6 633-649 Je '61.

Nonlinear effects in the propagation of electromagnetic waves in a plasma wave guide. O. G. Zagorodnov and others. Zhur tekh. fiz. 31 no. 5 574-576 My '61.

"Plasma" expansions A. E. Glauberman, L. A. Portifir'evn. Izv vys ucheb zav , fiz no 4 117-119 '61

Production of a dense plasma in a hot cathode discharge in a magnetic field V. E. Golant, N. I. Orlov, I. P. Pakhomov Zhur tekh. fiz 31 no. 7;797-801 Jl '61.

Quantum theory of acoustic oscillations of an electron-ion plasma in a magnetic field [with summary in English]. P. S. Zyrianov. Zhur. eksp i teor fiz. 40 no. 5; 1353-1359 My '61.

Radiation from the ionized region of a spark discharge. G. A. Askar'ian Zhur tekh. fiz 31 no 7,781-784 Jl '61

Reflection and refraction of shock waves in magnetohydrodynamics. S. E. Grebenshchikov and others Zhur. tekh. fiz. 31 no. 5 529-530 My '61.

Relativistic radiation from an annular current V. N. Tsytovich Zhur tekh fiz Jl no 6 665-675 Je '61

Remarks on the theory of electromagnetic fluctuations in a nonequilibrium plasma [with summary in English] V. V. Benkin Zhur. eksp i teor fiz. 41 no 1 286-293 Jl '61.

Some experiments on the stationary flow of a plasma in a homopolar discharge tube M. F. Shirokov, E. P. Vaulin, N. A. Chesnokov Zhur. tekh. fiz. 31 no. 7;802-805 Jl '61

Stability of plasma column with anisotropic particle velocity distribution and arbitrary current distribution [with summary in English]. V. F. Alekain, V. I. IAshin Zhur. eksp i teor fiz. 40 no 4;1115-1119 Ap '61.

Structure of the transition layer between a plasma and a magnetic field [with summary in English] V. P. Shabanskii. Zhur. eksp. i teor fiz 40 no 4;1058-1064 Ap '61.

Theory of a new plasmoid. A. A. Vlasov. Zhur. tekh. fiz. 31 no 7;785-796 Jl '61

Theory of an electron plasma in a magnetic field Effect of Coulomb interaction on the magnetic susceptibility. A. G. Mitonov Fiz. tver tela 3 no 6 1654-1661 Je '61.

Transition radiation of currents passing through the boundary of a plasma. V. N. Tsytovich Zhur tekh. fiz 31 no 7;766-774 Jl '61.

PLASMA (IONIZED GASES)—ELECTRIC PROPERTIES

Conductivity of plasma in a strong electric field. V. D. Shapiro. Zhur. tekh. fiz 31 no. 5;522-526 My '61.

PLASMA (IONIZED GASES)—MAGNETIC PROPERTIES

Electric field of an emitter in a plasma situated in an external magnetic field. B. P. Kononov, A. A. Rukhadze, G. V. Solodukhov. Zhur. tekh. fiz. 31 no. 5 565-573 My '61.

PLASMA (IONIZED GASES)—SPECTRA

Widening and displacement of spectral lines in the plasma of a gas discharge. M. A. Mazing. Trudy Fiz. inst. 15;55-122 '61.

PLASMA OSCILLATIONS

Interaction of transverse oscillations in a plasma [with summary in English] A P Kazantsev, I A Gilinskii Zhur eksp i teor fiz 41 no 1 154-158 Jl '61

Tracing the hydromagnetic oscillations in plasma produced by an electrodeless pulse discharge. M D Gabovich, I M Mitropan Zhur tekh fiz 31 no 6 676-679 Je '61

PLASTER

Composition of plasters Stroitel' no 6 24 Je '61

PLASTER—DRYING

Gas units for drying plaster Z Zakharova Zhil - kom. khoz 11 no. 7 23-24 Jl '61

PLASTERING

(see also subdivision under Stalingrad)

Mechanized plastering of facades. G. Shchitov Zhil - kom. khoz 11 no 7 16, 18, 19, 21 Jl '61

PLASTERING—BIBLIOGRAPHY see Bibliography—Plastering

PLASTERING—EQUIPMENT AND SUPPLIES

Movcable plastering unit. IU. E. Spiridonov. Stroi i dor. mash. 6 no. 7-31 Jl '61.

PLASTERS (PHARMACY)

Bactericidal leukoplaster. O I. Kochnova. Zdorov'e 7 no. 6:31 Je '61

PLASTIC BEARINGS

Replacing ball bearings with textolite bearings in conveyer drums of vacuum filters G N Zimokos Sbor. rats predl vnedr v proizv no 1 10 '61

Using textolite bushings in suspended bearings of driving spindles I. N. Kochkin. Sbor rats. predl. vnedr v proizv. no. 1, 25 '61.

PLASTIC PIPE see Pipe, Plastic

PLASTICITY

Effect of tension on plasticity in deformations effected by alternating torsion F P Ryhalko, A V Kostenko, L P. Zelenin Izv vys. ucheb zav , fiz no 1 24-30 '61

Elastic-plastic bending of plates. N, A, Forsman. PMTF no 4·79-80 N-D '60.

Fundamentals of the general mathematical theory of plasticity [with summary in English] A A Il'iushin Vest Mosk un Ser, 1· Mat., mekh. 16 no 3 31-36 My-Je '61

Hill, Rodney. [The mathematical theory of plasticity. Translated from the English] Matematicheskaia teoriia plastichnosti. Gos. izd. tekhniko-teoret. lit-ry. Moskva, 1956. 407 p. (The Oxford engineering science series)
(VIBibV)

Inserting a thin solid of revolution into a plastic half-space. D. D. Ivlev PMTF no. 4·75-78 N-D '60

Postulate of plasticity. A A Il'iushin Prikl mat. i mekh 25 no 3 503-507 My-Je '61.

Study of the plastic deformation of a metal having some deformation anisotropy produced by preliminary loading. I N Izotov, IU. I. IAgi Dokl. AN SSSR 139 no 3;576-579 Jl '61

Theory of the pressing of a stamp into a plastic medium. V. A. Zhalnin, D. D. Ivlev PMTF no. 3:214-216 S-O '60.

Velocity field created by inserting a flat stamp into a plastic half-space G. I. Bykovtsev. Prikl mat i mekh 25 no 3 552-553 My-Je '61

Widening a circular aperture in a rigidly plastic plate. V V. Sokolovskii. Prikl. mat i mekh 25 no 3 548-552 My-Je '61

PLASTICS

(see also subdivision under Azerbaijan; United States)

Afanas'ev, P. A. [Use of plastics in the manufacture of machinery] Primenenie plasticheskikh mass v mashinostroenii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 196 p.

Bogushevskii, L. L., Sh. L. Lel'chuk, and A. V. Fadeeva. [Transparent films for packing food products; production abroad] Prozrachnye plenki dlia upakovki pishchevoi produktsii; sostoianie proizvodstva za rubezhom. Moskva, Vses. in-t nauchn. i tekhn. informatsii, 1958. 29 p.

Boundary lubrication layers on the surface of plastics. A. A. Kutikov, G V. Vinogradov. Plast. massy no. 7: 38-41 '61.

Dispersion of birefringence in celluloid and its uses in photoplasticity [with summary in English]. V. P. Netrebko. Vest. Mosk. un Ser. 1 Mat., mekh 16 no 3 53-61 My-Je '61.

Economic effectiveness of the use of plastics in agriculture. P. A. Borovskii, V. I. IUshkevich. Plast. massy no. 8:47-51 '61.

Economic effectiveness of the use of plastics in the machinery manufacture I V Rakhlin Plast massy no 7,43-49 '61

Errors in a textbook for correspondence students ("Plastics" by Z V. Kozlova Reviewed by I. G Filatov). Sred spets obr 8 no 7·58-59 Jl '61

Finishing of plastic goods by abrasive polishing IA S. Derkach, V. S Romeiko Plast. massy no. 8·67-68 '61

Lengthening the life of polymers. A Kuz'minskii. Tekh mol 29 no. 6, 15 '61

Machine unit for the continuous production of foam plastics. V N. Sokolov. Plast. massy no 8 57-58 '61

Manufacture of shaped plastic rims for furniture V I. Kropotov, G B. Reznik. Der prom. 10 no. 7 27-29 Jl '61.

Plastics. Na strol. Ros. no. 5·24a-24b My '61.

Plastics in the service of agriculture. I. I. Levenshtein Plast. massy no 7,76 '61.

Use of plastics in railroad transportation V I Maevskii Zhel dor transp 43 no 6 45-48 Je '61

Using fluoroplast-4 for packing shut-off valves. A. G. Ginzburg, S. I. Livshits. Khleb. i kond. prom. 5 no 6. 36 Je '61.

Using plastics in city transportation. G. A. Malyshev. Gor. khoz. Mosk 35 no 6,32-34 Je '61.

Vinylidene fluoride (from "Modern Plastics," no. 11, 1960). Plast massy no 7;73 '61.

Vsesoiuznoe soveshchanie po khimicheskoi pererabotke neftianykh uglevodorodov v poluprodukty dlia sinteza volokon i plasticheskikh mass, 1957. [Proceedings of the All-Union Conference on the Chemical Processing of Petroleum Hydrocarbons into Intermediate Products for the Synthesis of Fibers and Plastics] Trudy. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1960. 313 p.

Zampius, F. K. [Use of plastics in industrial and civil construction, lecture plan] Primenenie plastmass v promyshlennom i grazhdanskom stroitel'stve, konspekt lektsii. Khar'kov, M-vo vysshego i srednego spetsial'nogo obrazovaniia USSR, 1960. 22 p.
[MICROFILM]

PLASTICS—EXHIBITIONS

At the Exhibition of the Achievements of the National Economy of the U.S.S.R. Plast. massy no. 8 69-71 '61.

Exhibitions on timely subjects in 1960. Z. I. Sokolova. Plast massy. no. 7:1-2 '61

PLASTICS—MOLDING

Magnesite molds for plastic articles hardening by cooling. A. A. Shturman, I D. Demianenko. Plast massy no. 7;26-27 '61.

Progress of compression molding (from "Rubber and Plastics Age," no 12, 1960). Plast massy no. 7:73-74 '61.

Vacuum forming of thermoplastic materials. V. V. Lapshin, P. IA Ivakhnenko Plast. massy no 7;22-26 '61

PLASTICS—OPTICAL PROPERTIES

Materials for models used in the polarization-optical method for the measurement of stresses N. A. Shchegolevskaia, S. I. Sokolov. Plast. massy no. 8:30-34 '61.

PLASTICS—TESTING

Conference on machines and methods for the mechanical testing of plastics. V. S. Streliaev Zav lab 27 no. 8· 1047-1048 '61.

Criterion of strength for laminated plastics. K. V. Zakharov. Plast. massy no. 8·59-62 '61

Long-period strength of plastics. S. B. Ratner, A. V. Stinskas, E. I. Shpakovskaia. Plast massy no. 7;59-65 '61.

PLASTICS—WELDING

Machine for welding thermoplasts. V. F. Vikulin. Plast massy no. 7:27-28 '61.

PLASTICS INDUSTRY

Decontamination of air in the manufacture of textolites. G. Z. Estpov, I P. Rotenberg Plast. massy no. 7;69-70 '61.

Equipment for plastics shops (to be concluded). V. K. Zavgorodnii. Mashinostroitel' no. 7:8-12 '61.

PLASTICS INDUSTRY—EQUIPMENT AND SUPPLIES

Equipment for plastics-working shops. V. K Zavgorodnii. Mashinostroitel' no. 8·30-34 Ag '61.

Press for plastics with a programmed control. N. I. Naiguz. Plast massy no. 7,50-53 '61.

PLATE GLASS

Conveyor for transporting and cutting plate glass. F. A. Oblivalnii, V. I Khudolei, I. A. Valagura. Stek. i ker. 18 no. 6;31-33 Je '61.

Mechanism for the automatic scoring of plates of glass. G. I. Mitkevich. Stek. i ker. 18 no. 6;34-37 Je '61.

Some features of the surface structure of vertical-drawn plate glass. A. S. Totesh, L. F. Grigor'eva, M. M Strel'tsina. Stek. i ker. 18 no. 7·12-14 Jl '61.

PLATE TOWERS

Analogy of some hydrodynamic conditions of work of grid-tray and packed columns. V. V. Kafarov, IU. G. Zelinskii. Khim. i tekh. topl. i masel 6 no. 6 34-40 Je '61

Hydraulic laws governing the processes taking place on turbogrid-type bubble plates A G Kasatkin, D I Dytnerskii, D M Popov. Khim prom no 7 492-493 Jl '61

PLATES, IRON AND STEEL

Straining beyond the resistance limit of ribbed-reinforced thin plates V. A Postnov Trudy LKI no 20 pt 4) '59

PLATES, IRON AND STEEL—TESTING

Investigating the endurance limit of shipbuilding steel to bending on a level plane together with axial deformation K I Moiseev, M I Sivukha, IU. P Shul'kin Trudy LKI no. 20 221-224 '59

PLATINUM

(see also subdivision under Ural Mountains)

Catalytic activity of platinum deposited on cadmium oxide [with summary in English]. Zh. V. Strel'tsova, E. A. Trosman, V. P. Lebedev. Zhur. fiz. khim. 35 no. 6:1327-1330 Je '61.

PLATINUM—ANALYSIS

Simultaneous determination of palladium and platinum by means of tin dichloride A. T. Pilipenko, I P Ter'ia Ukr. khim zhur. 27 no 4 521-526 '61.

PLATINUM COMPOUNDS

β-Picoline ammonia complex compounds of divalent platinum M I Ivanova Zhur neorg khim 6 no 7: 1534-1542 Jl '61

Chromatographic method for determining the structure of coordination polymer compounds. A. A Grinberg, L. E Nikol'skaia, G A. Shagisultanova Zhur neorg khim 6 no 7: 1497-1500 Jl '61.

Mechanism of the electroreduction of halide complexes of platinum at the dropping mercury electrode [with summary in English]. N. V. Nikolaeva-Fedorovich, O. A. Petrii. Zhur. fiz. khim. 35 no. 6:1270-1276 Je '61.

PLATINUM ELECTRODES see Electrodes, Platinum

PLATINUM OXIDE

Isomorphism of the peroxides and carbonyls of platinum [with summary in English]. N. A. Shishakov, N. N Andrushchenko. Zhur fiz khim. 35 no 7 1591-1599 Jl '61.

PLAY

About the play of tots. V. V. Zaderatskaia. Doshk vosp. 34 no. 7 32-38 Jl '61.

Children's creative play in a kindergarten I. Paperna's'ka Doshk. vykh. 22 no. 7 22-27 Jl '61.

Didactic play related to nature study. O. Vetlugorskh Doshk vykh 22 no 8 26-29 Ag '61.

Forming the concept of interrelationship in children of the older group during play O Cherkov Doshk vykh 22 no 7;10-17 Jl '61

Petrushka plays with children. T. V. Rykhlinskaia Doshk. vosp 34 no. 6;122-123 Je '61.

Play of a preschool child. S. Karpova. Sem'ia i shkola 16 no. 5;24-27 My '61

Play relations among children in didactic games L Artemova Doshk vykh 22 no. 8 20-25 Ag '61

Using games in working with primary group children I Shkol'nyk. Doshk. vykh. 22 no. 8 30-33 Ag '61

PLESHCHENITSY—GEOPHYSICAL OBSERVATORIES

The Minsk (Pleshchenitsy) Observatory. S. I. Ryng. Geomag. i aer. 1 no. 2;292 Mr-Ap '61.

PLETHYSMOGRAPHY

Orlov, V. V. [Plethysmography methods and use in experimental and clinical investigations] Pletizmografiia; metody i primenenie v eksperimental'nykh i klinicheskikh issledovaniiakh, Moskva, Izd-vo Akad. nauk SSSR, 1961. 253 p.
(DNLM)

PLEURA—DISEASES

X-ray diagnosis of pleuropericardial adhesions. V. Z. Ian'shin. Vest. rent. i rad. 36 no. 3,63 My-Je '61.

PLEUROSPERMUM see subdivision under Sayan Mountains

PLOVERS see subdivision under Tselinograd Province

PLOWING

Shalin, P. V. [New efficient technology of plowing] Novaia effektivnaia tekhnologiia vspashki. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1960. 62 p. (Voprosy povysheniia kul'tury zemledeliia)
(DA)

PLOWS

Determining the traction resistance of plows in relation to the physicomechanical properties of soil. P. G. Kulebakin, IA. M. Denisiuk, A. A. Kikin. Trakt. i sel'khoz. mash. 31 no. 2;18-19 F '61.

PLOWS (Continued)

Eliminate shortcomings of mounted plows. E. Ogiyzkov Tekh. v sel'khoz 21 no 7:81-82 Jl '61

PS-35FSh plow P. Shalin. Tekh v sel'khoz. 21 no. 7 57 Jl '61

PLP-135 forestry plow P. P. Kornienko Trakt i sel'khozmash 31 no 8:39-10 Ag '61

PSSh-35 combined plow and planter V. A. Ostroglazov. Trakt i sel'khozmash 31 no 8 40-41 Ag '61

Relationship between the tractive resistance of a plow attached to a tractor and the setting of its traction line in a horizontal plane. A. G. Paraev Dokl TSKhA no 55 307-317 '60

Shape of plow bottom for plowing at accelerated speeds. L. V. Ginchev. Trakt. i sel'khozmash. 31 no 2:14-16 F '61

PLOWS—VIBRATION

Investigating the vibration of mole-drain plows. A. A. Dubrovskii Trudy VIM 27:214-240 '60

PLUM

"Biological characteristics of plum and development of new varieties" by Kh. K. Enikeev. Reviewed by A. S. Tatarintsev. Agrobiologiia no. 4:635-636 Jl-Ag '61.

Growth and fruit bearing of plum trees grafted on root-stocks of different species and strains. A. I. Kasianenko Agrobiologiia no. 4 510-515 Jl-Ag '61.

PLUM—DISEASES AND PESTS

Vereshchagin, B. V., and O. G. Kiskina. [Acacia and plum pseudoscales and their control in plum orchards] Akatsievaia i slivovaia lozhnoshchitovki i mery bor'by s nimi v slivovykh sadakh. Kishinev, Izd-vo "Shtiintsa" Moldavskogo filiala AN SSSR, 1960. 20 p. (DA)

PLUM—VARIETIES see subdivision under Soviet Far East

PLUMBING

Universal insertion piece for connecting large units of sanitary plumbing systems in building. R. B. Malinovskii Vod i san tekh no 1,24-25 Ma '61

PLUMBING—STANDARDS

Changes in standards. Vod. i san tekh. no. 7:28 Jl '61.

PLURALITY OF WORLDS

Visitors from the cosmos; continuation. Aleksandr Kazantev Smena 38 no 9:27-29 My '61.

PLUTONIUM

Effect of temperature on the extraction of uranyl nitrate and tetravalent plutonium with mixed solvents. V. B. Shevchenko, I. A. Fedorov, V. S. Smolov Radiokhimiia 3 no. 3 256-260 '61.

PLUTONIUM—ISOTOPES

Alikhanov, A. I., V. V. Vladimirskii, and S. IA. Nikitin. [Measuring the effective number of secondary neutrons in U^{233}, U^{235}, and Pu^{239} in the thermal energy region of neutrons] Izmerenie effektivnogo chisla vtorichnykh neitronov urana-233, urana-235 i plutoniia-239 v oblasti teplovykh energii neitronov. Moskva, 1955. 11 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Spivak, P. E., and B. G. Erozolimskii. [Measuring the coefficient of neutron multiplication (effective number of secondary neutrons) for fissionable uranium and plutonium isotopes, using thermal neutrons for fission] Izmerenie koeffitsienta razmnozhenila neitronov (effektivnogo chisla vtorichnykh neitronov) dlia delia-shchikhsia izotopov urana i plutoniia pri delenii na teplovykh neitronakh. Moskva, 1955. 16 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Spontaneous fission periods for Np^{237}, Pu^{236}, and Pu^{242} [with summary in English]. V. A. Druin, V. P. Perelygin, G. I. Khlebnikov. Zhur. eksp i teor. fiz. 40 no. 5:1296-1298 My '61

PLUTONIUM—MASS

Mass of the isotope Pu^{240} [with summary in English]. R. A. Demirkhanov, V. V. Dorokhov. Zhur. eksp. i teor fiz. 40 no. 4:1033-1034 Ap '61.

PLUTONIUM—PHYSIOLOGICAL EFFECT

Relation between the biological effect of plutonium and the rhythm of its introduction into the organism. IU. I. Moskalev, L. A. Buldakov, V. N. Strel'tsova. Radiobiologiia 1 no. 2:250-256 '61.

PLUTONIUM COMPOUNDS

Mechanism of the extraction of tetravalent plutonium from sulfuric acid solutions with primary alkylamine. V. M. Vdovenko, A. A. Lipovskii, S. A. Nikitina. Radiokhimiia 3 no. 4:396-402 '61.

PLUTONYL FLUORIDE

Properties of complex plutonyl fluorides. I. F. Alenchikova and others. Zhur. neorg. khim. 6 no. 7:1513-1519 Jl '61.

PLYWOOD INDUSTRY see subdivision under Rumania

PNEUMATIC CONTROL

Pneumatic positioner G. A. Berezin, V. P. Zenchenko Mashinostroitel' no 8 26 Ag '61

Zalotukhin, E. S. [Pneumatic control devices for machine tools] Pnevmaticheskie ustroistva, avtomatiziruiushchie rabotu stankov. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1959. 45 p. (Novoe v tekhnike)

PNEUMATIC TOOLS

Universal smoothing and polishing instrument N. Kanuka, A. Novatskii Stroitel' no 6 14 Je '61

PNEUMATIC-TUBE TRANSPORTATION

Automation of pneumatic tube transportation E. G. Goikhman, A. I. Funkel' Mekh i avtom proizv 15 no 7 22-25 Jl '61.

Methods for calculating pipelines and hoses for transmitting chemical foams. F. A. Bogdanovich Izv vys ucheb. zav., energ 4 no 7 86-93 Jl '61

Pneumatic transportation of bran and flour mills of Cherkassy Province V. Lysak. Muk.-elev prom 27 no. 4:25 Ap '61

Pneumatic-tube transportation of feeds V. Ryzhova, S. Ryzhov Tekh. v sel'khoz 21 no 7,33-35 Jl '61

Podborskii, L. E. [Pneumatic transportation of concrete mix by pipes] Pnevmotransport betonnoi smesi po trubam. Leningrad, 1961. 22 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Serila Stroitel'-naia promyshlennost', no. 6)

Reorganization of the outside pneumatic tube transportation between factory buildings A. V. Motov, A. D. Zabelkin Der. prom. 10 no 6 21-22 Je '61

T P-30 pneumatic conveyor. M. N. Fateev Trakt i sel'khozmash 31 no 8 42-43 Ag '61

PODKAMENNAYA TUNGUSKA VALLEY—COMETS—1908

Meteorite? Space ship? Comet? V. Fesenkov. Starsh.-serzh. no 1 23 Ja '61.

PODKAMENNAYA TUNGUSKA VALLEY—GEOLOGY, STRATIGRAPHIC

Devonian stratigraphy of the interfluve of the Stony and Lower Tunguska Rivers. A. A. Borschinkina and others. Trudy VAGT no. 7 133-139 '61.

PODKAMENNAYA TUNGUSKA VALLEY—METEORITES

Effect of the explosion of the Tunguska meteorite on the geomagnetic field. G. F. Plekhanov and others. Geol. i geofiz. no. 6:94-96 '61.

PODOLIA—PETROLOGY

Some hidden structures of the Cenomanian rocks in eastern Podolia. IU. M. Sen'kovs'kyi. Geol. zhur. 21 no. 3: 82-87 '61.

PODOL'SK—HOTELS, TAVERNS, ETC.

Good people. L. Uchitel'. Zhil.-kom. khoz. 11 no. 7:11 Jl '61

POGREBOV, NIKOLAI FEDORIVICH, 1860-1942

N. F. Pogrebov; on the 100th anniversary of his birth. G. P. Sinitsyn. Izv. vys. ucheb. zav., geol. i razv. 4 no. 1:127-129 Ja '61.

POLAND—AIR CONDITIONING

Air conditioning chamber. Okhr. truda i sots. strakh. 4 no. 6:41 Je '61

POLAND—AIRPLANES—MODELS

Competition among Polish model builders. Kryl. i rod. 12 no. 4 27 Ap '61.

POLAND—BIBLIOGRAPHY

[New literature on European people's democracies and Slavic studies: Poland.] Nov. lit. po evrop. stran. nar. dem. i slav.: Pol'. nos. 5-6 '61.

POLAND—BUILDING MACHINERY

Finishing machines in the Polish People's Republic. N. S. Petrov. Mekh. stroi. 18 no. 6:27-28 Je '61.

POLAND—COMMERCE

Prospects for Poland's foreign trade development [with English summary in appendix] IU. Vasianin, V. Shalashov. Vnesh. torg. 41 no 6:20-25 '61.

POLAND—COMMERCE—WHITE RUSSIA

Commercial contacts between White Russian and Polish cities at the end of the 16th and the first half of the 17th century. Z. IU. Kapyski. Vestsi AN BSSR. Ser hram. nav. no. 2:80-91 '61.

POLAND—ECONOMIC CONDITIONS

Our friends beyond the Vistula. Volodymyr Vil'nyi. Ukraina no. 15:4-5 Ag '61.

Prospects for Poland's foreign trade development [with English summary in appendix]. IU Vasianin, V. Shalashov, Vnesh. torg 41 no. 6;20-25 '61

POLAND—EDUCATION

Seventh Plenum of the Polish United Workers' Party on the school reform. M. Sechkovskii. Nar. obr. no. 8: 77-79 Ag '61.

With our Polish friends. O. Bogdanova. Nar. obr. no. 8:79-82 Ag '61.

POLAND—ELECTRIC POWER DISTRIBUTION—HIGH TENSION

Scientific research in the domain of high-tension equipment in the Polish People's Republic M. A. Bagirov. Izv AN Azerb SSR Ser fiz.-mat. i tekh nauk 2:129-139 '61

POLAND—GEOMORPHOLOGY

Geomorphological experiment in Poland A. I. Baranova. Izv Vses geog ob-va 93 no 1,347-340 Jl-Ag '61

POLAND—GRAIN

Grain breeding and seed production in the Polish People's Republic O. S. Alekseieva Visnyk sil'khosp nauky 4 no. 8 122-124 Ag '61

POLAND—GRAIN—DRYING

Organization of grain drying at sugar factories in the Polish People's Republic. V. B. Makhovetskii. Dokl i soob VNIESKH no 4 160-161 '58.

POLAND—HISTORICAL RESEARCH

Polish historians have visited the U. S. S. R. I. S IA-zhborovskaia Vop ist no 7:176-177 Jl '61

POLAND—LABOR AND LABORING CLASSES—EDUCATION

School of socialism. Josef Kwiatek. Sov. profsoiuzy 17 no. 13 33 Jl '61.

POLAND—MAMMALS—RESEARCH

Work of the Institute of Mammalogy of the Polish Academy of Sciences S. S. Shvarts Zool zhur 40 no 7: 1121-1124 Jl '61.

POLAND—NATURAL RESOURCES—STUDY AND TEACHING

Conservation of nature during the lessons and in extracurricular work on biology in the schools of Poland M. Vonskova, IA. Zdebskaia. Biol v shkole no 4:59-61 Jl-Ag '61.

POLAND—NUCLEAR REACTORS—MATERIALS

Analysis of reactor fuel and materials in the Division of Analytical Chemistry at the Nuclear Research Institute of the Polish Academy of Sciences Jerzy Minczewski Atom energ 11 no 1:46-55 Jl '61

POLAND—PUBLIC HEALTH—STATISTICS

Health of the population of Poland. Z. Branowitzer Sov. zdrav. 20 no 6:81-88 '61

POLAND—SCHOOLHOUSES

School of socialism. Josef Kwiatek. Sov. profsoiuzy 17 no. 13 33 Jl '61

POLAND—TOOLS

Gripping device Okhr. truda i sots. strakh. 4 no. 6:51 Je '61.

Pincers for conveying hot ingots. Okhr. truda i sots strakh 4 no 6 40 Je '61

POLAND—TRADE UNIONS

School of socialism. Josef Kwiatek. Sov. profsoiuzy 17 no 13:33 Jl '61.

Workers of Poland are struggling for the international unity of workers Vsem. prof. dvizh no. 6-44-46 Je '61

POLAND—WORLD WAR, 1939-1945

Among friends and brother soldiers. S. Poplavskii. Ogonek 39 no. 30:24 Jl '61.

POLAR

New interspecific hybrids of polar. A. I. Zhurbin. Bot. zhur. 4 no. 5;710-718 My '61

POLARIS (MISSILE)

"Polaris" as revealed by foreign press material. V. V. Rozhkov Vest. protivovoz obor no. 5 34-35 My '61.

POLARIZATION (ELECTRICITY)

Depolarization in the electrodeposition of zirconium on liquid and solid cathodes [with summary in English]. A. I. Krasovskii, G. I. Chervova. Zhur. fiz. khim. 35 no. 6:1230-1234 Je '61.

Effect of periodic reversal of current on concentration polarization [with summary in English]. N. T. Kudriavtsev, R. IU. Bek, M. R. Tarasevich. Zhur fiz. khim. 35 no. 7 1507-1511 Jl '61.

Faraday impedance for reversible electrode processes proceeding according to the pattern of hydrogen catalytic evolution. V. G. Levich, B. I. Khaikin, V. A. Kir'ianov Dokl. AN SSSR 139 no. 4,925-928 Ag '61.

Polarization during the electrodeposition of iron group metals Part 2: Electrodeposition of iron [with summary in English]. A. T. Vagramian and others Zhur fiz. khim. 35 no. 7 1411-1415 Jl '61.

Polarization of a liquid bismuth cathode in chloride melts. I. F. Nichkov, S. P. Raspopin, IU. V. Bazhkov. Zhur prikl khim. 34 no. 7 1533-1536 Jl '61.

Rules of a simultaneous electrochemical discharge of a basic metal and admixtures the depolarization effect taken into account. V. L. Kheifets and others. Zhur. prikl khim. 34 no 7 1510-1528 Jl '61.

POLARIZATION (ELECTRICITY) (Continued)

Theory of solutions. Part 12 Dielectric polarization and molecular structure of nitrobenzene and acetone solutions [with summary in English]. M.I. Shakhparonov. Zhur. fiz. khim. 35 no. 6:1177-1185 Je '61.

POLARIZATION (LIGHT)

Computing the intensity distribution and polarization degree of the twilight sky taking into consideration the sphericity of the earth F F IUdalevich Izv AN SSSR Ser geofiz no 8:1199-1206 Ag '61.

Rotation of the plane of polarization of light in the case of nonconservation of parity [with summary in English] A M Perelomov Zhur eksp i teor fiz 41 no 1 183-185 Jl '61

POLAROGRAPHY

"Electrode processes and research methods in polarography" by IU K Delimarskii, A V Gorodyskii Reviewed by IU S Lialikov Zav lab 27 no 7 918 '61

Oscillographic polarography Kinetics of anodic and cathodic polarization for UO_2^{2+} in a perchloric acid solution [with summary in English] IA P Gokhshtein, Gao TSai-shen Zhur fiz khim 35 no 7 1611-1615 Jl '61

Polarographic determination of bases absorbed by soil using the Kappen-Hilkowitz method. E. M. Skobets, G. V Ruchko Nauch dokl vys shkoly, biol. nauki no 3 189-192 '61

Polarographic determination of 2-methyl-5-vinylpyridine [with summary in English] V. D Bezuglyi and others Zhur anal khim 16 no. 4 477-482 Jl-Ag '61

Polarographic method for copper determination in sea water M K Tikhonov, V. K Zhavoronkina Trudy MGI 19 31-37 '60

Polarographic method in sanitary water examination. L. A. Shtukovskaia, V IA IAzhemskaia. Gig. i san 26 no. 3 55-57 Mr '61.

Polarographic study of terephthalic and p-toluic acids, their nitro derivatives, dimethylterephthalate, nitrodimethylterephthalate, and methyl-p-toluilate [with summary in English] IA I Tur'ian, IU. A Vakhrushev Zhur anal khim 16 no 4 483-488 Jl-Ag '61

Use of hydroxy acids in polarographic analysis Report No 1 Half-wave potentials of certain ions in solutions of sodium salts of lactic malic and salicylic acids [with summary in English] I Adam, J Doležal, J Zýka Zhur anal khim 16 no 4 395-398 Jl-Ag '61

POLAROGRAPHY—EQUIPMENT AND SUPPLIES

Modifications of electrolyzers in the polarography of proteins and ferments. I. D. Ivanov. Lab. delo 7 no. 6, 54-56 Je '61.

POLESYE—LUPINE

Lupine, intertilled and sown in mixtures helps to increase the production of grain and protein feeds in Polesye. H O Tiurmenko Visnyk sil'hosp nauky 4 no. 8, 25-28 Ag '61

POLESYE—MOLLUSKS

Mollusks from Riasian and Wurmian deposits of the Brest and Volyn' sections of Polesye. V M. Motuz Vestsi AN BSSR Ser. biial. nav. no. 2 116-122 '61.

POLIOMYELITIS

(see also subdivision under Ural Mountain region)

Akademiia meditsinskikh nauk SSSR, Moscow, Institut eksperimental'noi meditsiny. [Live vaccine against poliomyelitis; collection of articles from the Department of Virology] Zhivaia vaktsina protiv poliomielita; sbornik rabot otdela virusologii. Pod red. A. A. [illegible]. Leningrad, 1960. 298 p.

[illegible] uences of poliomy- Rumanian]. Re- [illegible] ar i issl. fiz.

ith

Poliomyelitis I I Turevskii Med sestra 20 no 6 51-53 Je '61

Practical significance of dissemination of the vaccinal strain of poliomyelitis virus among contacts of vaccinees [with summary in English]. O. V Baroian, I N Gallonskaia. Vop virus 6 no. 5, 532-539 S-O '60

Use of Russian agar for the preparation of poliomyelitis virus plaques (colonies) S. G Dzagurov and others Vop virus 6 no 5:632-634 S-O '60

POLISH AUTHORS see Authors, Polish

POLISH LITERATURE—HISTORY AND CRITICISM

[Contemporary Polish writers] Suchasni pol's'ki pys'menn'yky. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1960. 259 p.
(NN)

POLITICAL CRIMES AND OFFENSES

Socialist legality and close contacts with the Soviet people are the basic principles which guide the work of the investigators of the Ministry of State Security. N. F. Chistiakov Sov gos i pravo no 11:34-41 N '60.

POLITICAL PRISONERS see subdivision under Spain

POLITICAL SCIENCE

Bankruptcy of the bourgeois theories of "pluralist democracy." V E. Gutiev Sov gos i pravo 31 no. 8 83-94 Ag '61.

POLITICAL SCIENCE—STUDY AND TEACHING

Seminar for the teachers of the popular course "Fundamentals of political science" Prep ist. v shkole 16 no 4 121-122 Jl-Ag '61

Studying the works of the founders of Marxism-Leninism within the course "Fundamentals of political science" M. P. Ovchinnikova Prep ist v shkole 16 no 4 17-54 Jl-Ag '61

POLITICS AND CHRISTIANITY see Christianity and politics

POLLEN

Changes in the pollen grains of rye plants exposed to continuous gamma irradiation L. P Breslavets, Z F. Mileshko, L M Kryzhanovskaia. Radiobiologiia 1 no 1:126-134 '61.

Pathological characteristics of microsporogenesis in wheat under unfavorable soil moisture conditions V. V. Ankilev. Uch. zap. Ped. inst. Gerts. 178:25-35 '59

POLLINATION see Fertilization of plants

POLONIUM

Extraction of polonium of various valences. I E. Starik, N I Ampelogova Radiokhimiia 3 no. 3:261-271 '61.

POLONIUM—DECAY

Reduced derived width $\delta^2_0 L$ for Po isotopes. B N. Beliaev, A. V. Kaliamin, A. N. Murin. Izv. AN SSSR. Ser fiz 25 no. 7:879-881 Jl '61.

POLONIUM—ISOTOPES

Probability ratio of α-decay and E-capture for the isotopes $Po^{200, 201, 203}$. B. N. Beliaev, A. V. Kaliamin, A. N. Murin. Izv. AN SSSR. Ser fiz. 25 no. 7: 871-878 Jl '61.

POLONIUM—PHYSIOLOGICAL EFFECT

Prophylactic effect of sodium arsenate in polonium poisoning D. I. Zelikova. Radiobiologiia 1 no. 2:288-292 '61.

POLTAVA—MEAT

Modernizing automatic cutlet cutters. A Belovol. Mias. ind. SSSR 32 no. 2 44 '61.

POLTAVA PROVINCE—FARM PRODUCE

The grain of Poltava Province. Ukraina no. 15:8 Ag '61.

POLYAMIDES

Increasing the dimesion stability of polyamide separators for antifriction bearings. V. N. Lymzin, A. G. Leider, A. K. Belopukhov. Plast. massy no. 6 64-67 '61.

Polyamides and their graphitic compositions as substitutes for nonferrous antifriction metals. V. N. Egorov. Plast. massy no 7:71-72 '61.

Studying the effect of aluminum and iron (III) salt additives on the properties of polyamide films. N. N. Pavlov, G. A. Arbuzov, D. S. Panteleeva. Izv. vys. ucheb. zav.; tekh. leg. prom. no 3:20-25 '61.

POLYCHAETA see subdivision under Barents Sea

POLYETHYLENE

Fluidized bed spraying of low pressure polyethlene. E. G. Prokopenko, V. V. Lapshin. Plast. massy no. 8:26-29 '61.

Shifrina, V. S., and N. N. Samosatskii. [Polyethylene; preparation and properties] Polietilen; poluchenie i svoistva. Pod red. S. V. Shchutskogo. Izd. 3., dop. i ispr. Leningrad, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1961. 174 p. (Novye plasticheskie massy)

Use of pipes from high-pressure polyethylene. P. A Shevelev, D F Kagan, D M. Vaniukin. Vod i san tekh no 3, 13-17 Mr '61

POLYHALITE

Process of decomposition of polyhalite in aqueous solutions of magnesium and potassium chlorides and potassium sulfate A P Perova Zhur neorg khim 6 no 7 1713-1717 Jl '61

POLYMERIZATION

Frideilina, R. Kh., and Sh. A. Karapetian. [Telomerization and new synthetic materials] Telomerizatsiia i novye sinteticheskie materialy. Moskva, Izd-vo Akad. nauk SSSR, 1961. 90 p. (Nauchno-populiarnaia serila)

Graft copolymerization by the preliminary irradiation method (from "Journ. Polymer Sci.," no. 113, 1960) Plast massy no. 7, 73 '61.

Polymerization and copolymerization of N-vinyl compounds. Report No 8 Polymerization of vinylpyrrolidone in aqueous solution. A. F. Nikolaev, S. S. Iabarov, N. V. Daniel' Izv AN SSSR, Otd khim nauk no 7 1330-1336 Jl '61

Polymerization of acetonitrile and other nitriles V. A. Kargin and others Dokl AN SSSR 139 no 3:605 607 Jl '61

Polymerization of styrene, butadiene, and isoprene initiated by lithium-ethyl in various media IU L. Spirin and others Dokl. AN SSSR 139 no. 1 899-902 Ag '61.

Polymerization of the propane-propylene fraction in the presence of an aluminosilicate catalyst with chromium oxide added G. M. Panchenkov, Ch S. Kurtyev, Sia TSze-chzhi [Hsia Tsê-chih] Izv. AN Turk SSR ser fiz.-tekh., khim., i geol. nauk no 3:97-104 '61

Rearrangement occurring in the process of the thermal telomerization of ethylene with silicon hydrides R Kh Freidlina and others Izv. AN SSSR, Otd khim nauk no 7 1256-1261 Jl '61.

Synthesis of α-furylnitroethylene, the study of its polymerization capacity. A. V Topchiev, V P Alaniia, V. A. Soprano Dokl AN SSSR 139 no 2 390-397 Jl '61

Telomerization of ethylene with polychloroalkanes containing a CCl_2 Br group. V. N. Kost, R. Kh. Freidlina Izv. AN SSSR, Otd khim. nauk no. 7:1252-1256 Jl '61

POLYMERS

Electron microscope method for investigating polymers V. A. Kargin, G. S. Markova. Zhur VKHO 6 no 4 362-369 '61

Filters made of synthetic fiber (from "Ind. Ind Chem.," no. 4, 1960). Plast. massy no. 7:73 '61

Kinetics of the conditionally instantaneous elastic deformation of polymers in the elastic state I V. Ivanova-V. F. Chuvaev, P. A. Rebinder. Dokl. AN SSSR 139 no. 1:83-86 Jl '61

Kitaigorodskii, A. I., and IU. V. Mnukh. [Structure of polymers] Kak postroeny polimery, po novym dannym. Moskva, Izd-vo "Znanie," 1961. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6, Fizika i khimiia, no. 5)

Melting heat of polymers. N. A. Nechitailo, P. I. Sarin, I. M. Tolchinskii. Plast. massy no. 8:3-5 '61

Methods for studying graft and block copolymers N. A. Plate. Zhur VKHO 6 no 4 422-427 '61

Methods for studying the rheological (viscosity) properties of polymer solutions and melts G V Vinogradov, I M. Belkin, I V. Koniukh. Zhur. VKHO 6 no 4 417-421 '61.

Molecular weights and polydispersity of polymers S IA. Frenkel'. Zhur. VKHO 6 no 4 435-442 '61.

Polymer wrapping films. S. V. Genel', D. V. Konoplianova Plast. massy no. 8:43-47 '61.

Problems in stabilizing and regulating the granulometric composition of suspension polymers. E. A. Milts ova Plast. massy no. 8:6-11 '61.

Resistance of polymeric plastics to erosion by cavitation. K K. Shal'nev. Dokl AN SSSR 139 no. 1:60 62 Jl '61.

Roentgenography of polymers. A. I. Kitaigorodskii Zhur. VKHO 6 no. 4 370-373 '61.

Study of the polydispersity of polymers by the method of the unsteady sedimentation equilibrium. Part 2: Study of polyisobutylene obtained by means of an organometallic catalyst [with summary in English]. S. IA Frenkel' and others. Zhur. fiz. khim. 34 no. 2:327-334 F '60.

Thermochemical methods of studying polymers. S. A. Meerson, S. M. Lipatov. Zhur VKHO 6 no. 4 412-416 '61.

POLYMERS—ELECTRIC PROPERTIES

Electric properties of polymers. G. P. Mikhailov. Zhur VKHO 6 no. 4 404-411 '61.

POLYMERS—SPECTRA

Study of polymers by infrared spectroscopy. V N Nikitin, B. Z Volchek. Zhur. VKHO 6 no. 4:374-382 '61.

POLYMERS—TESTING

Methods of determining the hardness and modulus of elasticity of plastics. A. D. Kuritsyna, P. G. Meinster. Zav. lab. 27 no. 8:1030-1033 '61.

Methods of determining the strength of polymers G. M. Bartenev, V. E. Gul'. Zhur. VKHO 6 no. 4:394-403 '61

POLYMERS – TESTING (Continued)
Testing the mechanical properties of polymers V. A. Berestnev Zhur VKHO 6 no 1 102-108 '61
Thermomechanical method for investigating polymers T I Segolova, G L. Slonimskii Zhur VKHO 6 no 4 389-393 '61

POLYMERS, HIGH see Macromolecular compounds

POLYNOMIALS
Polynomial bases in space of analytic functions of two variables. E. D. Shvartsman, N. N Rozhanskaia Izv vys. ucheb. zav ; mat no 3:165-173 '61.

POLYPLOIDY
Polyploid sugar beets V. P Bormotov Biul Inst. biol. AN BSSR no. 5:316-323 '60

POLYSACCHARIDES
Effect of different grinding methods on the hydrolysis of the polysaccharides of millet husk V P Starichkova Izv. vys ucheb. zav , pishch. tekh. no 2:23-26 '60

POLYZOA, FOSSIL see subdivision under Novaya Zemlya, Siberian Platform; Vaygach Island

PONDS see subdivision under Moscow

POPLAR
Propagation of poplars by stem cuttings V. A. Cherstvin Visnyk sil'hosp nauky 4 no 8 105-108 Ag '61

POPOV, ALEKSANDR SERAFIMOVICH, 1863-1949
Russia (1923- U. S. S. R.) TSentral'nyi gosudarstvennyi arkhiv literatury i iskusstva. [Serafimovich, Aleksandr Serafimovich, 1863-1949, inventory of papers in individual collection No. 457. Papers dated from 1864-1953] Serafimovich, Aleksandr Serafimovich, 1863-1949, opis' dokumental'nykh materialnykh materialov 1864-1953 gg. Sostavlena i podgotovlena k pechati IU. A. Krasovskim. Pod red. V. I. Popova. Moskva, 1955. 129 p. (MH)

POPPY
Embryological study of Papaver somniferum L. [with summary in English] G. M. Il'ina. Biul. MOIP. Otd. biol. 66 no. 4:13-25 Jl-Ag '61.

POPULATION
In outer space and at home. S. G. Strumilin. Nov. vrem. 19 no. 32:19-21 Ag '61.
In outer space and at home. S. G Strumilin Nov. vrem. 19no. 34:20-22 Ag '61.
The world population. Blok. agit. [Sov. Armii] no. 22, 48, 3 ovcover. Ag '61

POPULISM (NARODNICHESTVO)
A group for studying the Russian political movement after the Reform of 1861 V A Tvardovskaia Vop. ist no. 7, 173-174 Jl '61.
Ideology of the Russian Section of the First International Kh. S. Gurevich Vop ist. no 7:207-211 Jl '61.

PORK INDUSTRY
Universal mechanized line for processing swine and removing the butt of the hide. E Kurbatova, S. Belinov, N Generalov. Mias. ind SSSR 31 no 4:7-10 '60

POROSITY
Ultra- and microporosity of certain products of limestone metamorphism. A F Korzhinskii, A. S. Shur. Zap Vsesoiuz -Sib. otd. Vses min. ob-va no 1:108-113 '59

POROUS MATERIALS
"Structure and properties of porous materials" edited by D. H. Everett, F. Stone. Reviewed by IU. A. El'tekov, A. V. Kiselev. Zhur. fiz. khim. 34 no. 2:478-480 F '60

PORPHYRITES see subdivision under Yeletozero Lake region

PORT ARTHUR, ONTARIO—LIBRARIES
Rudnyts'kyi, IA. B. [The Library of the Ukrainian National Prosvita Society of Port Arthur, Ontario] Biblioteka Tovarystva "Prosvita" v Port Arturi, Ontario. Vyd. 2. Winnipeg, 1961. 16 p. (Ukrains'ka Vil'na Akademiia nauk. Ser.: Litopis UVAN, no. 19)

PORTLAND CEMENT
Producing "700" and "600" types of portland cement. I M. Sidochenko, N. S. Zavgorodnii TSement 27 no. 3: 19-20 My-Je '61.

PORTRAITS
Our coevals. P. Sudakov. Agitator no. 15:47-49 Ag '61.

PORTUGAL—COLONIES
Myth about "unity and harmony" is crumbling. L. Chertok. Az. i Afr. seg. no. 4:16, 22 Ap '61.

POSITRONS
Positron annihilation in sulfur, selenium, and silicon [with summary in English]. K. A. Baskova, B. S. Dzhelepov, Z. A. Komissarova. Zhur. eksp. i teor. fiz 40 no. 4:1001-1003 Ap '61.

Position spectra of the neutron-deficient isotopes of terbium and neodymium N A Bonch-Osmolovskaia and others Izv AN SSSR. Ser. fiz. 25 no 7 826-831 Jl '61

POSTAGE STAMPS
How to organize and conduct philatelic exhibits. A Sudakov. Sov. knizh. torg. 13 no 6:46-47 Je '61.

POSTAGE STAMPS—COLLECTORS AND COLLECTING see subdivision under Moscow

POSTAGE STAMPS—TOPICS
Postage stamps in honor of the conquest of space Kul't i zhizn' 5 no 6 46 '61
"What postage stamps tell us" by R. Bershadskii Reviewed by K V Kostrin Prep ist v shkole 16 no 1 107-108 Jl-Ag '61

POTASH INDUSTRY—EQUIPMENT AND SUPPLIES
Anchor strengthening of roofs in potassium mining shafts. A N. Andreichev. Khim prom no. 7 506-508 Jl '61

POTASSIUM
Nikolaev, L. A. [Nitrogen, phosphorus, potassium] Azot, fosfor, kalii. Moskva, Izd-vo "Znanie" Vses. ob-va po rasprostraneniiu polit. i nauchn. znanii, 1961. 39 p. (Narodnyi universitet kul'tury. Estestvennonauchnyi Fakul'tet, no. 4)

POTASSIUM—ANALYSIS
Use of magnesium ferrocyanide for the titrimetric determination of potassium in plant materials [with summary in English]. B. A Gerasimov Zhur anal khim 16 no 4 503-504 Jl-Ag '61

POTASSIUM—ISOTOPES
Separation of potassium isotopes by KCl evaporation. V. S. Rylov Zhur tekh. fiz 31 no 7,843-844 Jl '61.

POTASSIUM—PHYSIOLOGICAL EFFECT
Effect of potassium and calcium ions on the electrotonic potentials of spinal roots [with summary in English]. T. M. Mamonets', Fiziol. zhur. [Ukr.] 7 no. 4 490-498 Jl-Ag '61.
Effect of potassium and calcium on interoceptors of the small intestine. T. D. Dzidziguri, V A. Lebedeva. Dokl AN SSSR 139 no. 1:238-241 Jl '61.

POTASSIUM BROMIDE CRYSTALS—DEFECTS
Defects in KCl - KBr solid solutions. I. IA. Melik-Gaikazian, M. D. Maidanovskaia Izv vys. ucheb. zav , fiz no. 1:174-175 '61.

POTASSIUM CHLORIDE
Electric conductivity of fused salt solutions. Part 1: The system $PbCl_2$-KCl [with summary in English]. M. F Lantratov, O. F. Moiseeva. Zhur. fiz. khim 34 no. 2: 367-374 F '60.
Specific electric conductivity of potassium chloride aqueous solutions at high temperatures [with summary in English]. S. V. Gorbachev, V. P. Koudrat'ev. Zhur. fiz. khim. 35 no. 6:1235-1239 Je '61.

POTASSIUM CHLORIDE CRYSTALS—DEFECTS
Defects in KCl - KBr solid solutions. I. IA. Melik-Gaikazian, M. D. Maidanovskaia. Izv. vys ucheb zav., fiz. no 1:174-176 '61.

POTASSIUM COMPOUNDS
Investigation of the solubility of the peroxy-complexes of the uranyl ion $K_4[UO_2(O_2)_3] \cdot 5H_2O$ and $K_4[UO_2(O_2)_3] \cdot 4H_2O_2 \cdot 4H_2O$. A. M. Gurevich, L. P. Polozhenskaia. Radiokhimiia 3 no. 3:316-320 '61

POTASSIUM FLUORIDE
Investigation of the system $KF-ZrF_4$. A. V. Novoselova, IU. M. Korenev, IU. P. Simanov. Dokl AN SSSR 139 no. 4, 892-894 Ag '61.

POTASSIUM FLUOZIRCONATE
Fusibility diagrams of certain salt systems containing potassium fluozirconate. Part 1. I. N. Sheiko, R V. Chernov, V. S. Kikhno Ukr. khim. zhur. 27 no. 4: 469-473 '61.

POTASSIUM HALIDES
Some properties of solid solutions of the system KCl - KBr in connection with its defect structure. M. N. Treskina, E. K. Zavadovskaia. Izv. vys. ucheb. zav., fiz. no 2, 55-59 '61.

POTASSIUM IN THE BODY
Genesis of the T wave in the electrocardiogram of the frog. Report No 2 Variation of the T wave due to local effects of K^+ and Ca^{++} on the myocardium [An Siue-i [Yang Hsueh-i], Nauch. doki vys. shkoly, biol nauki no. 3:73-79 '61.

POTASSIUM IODIDE
Amperometric titration of bismuth based on the formation of iodobismuthites in relation to the anodic current [with summary in English]. A. K. Zhdanov, T. A. Desiatova. Zhur. anal. khim 16 no. 4:438-441 Jl-Ag '61.

POTASSIUM PERIODATE
Oxidation of ammonium nitrosopentachlororuthenate with potassium periodate. A A Gorbunov, L. L. Sveshnikova Zhur neorg khim 6 no 7 1543-1551 Jl '61

POTASSIUM SODIUM TARTRATE
Investigating natural noises in Seignette's salt crystals V. F Mgeladze Trudy LKI no 29 241-243 '59

POTASSIUM SULFATE
(see also subdivision under Kara-Bogaz-Gol)
Coprecipitation of cerium and lanthanum with potassium sulfate. V. I. Grebenshchikova, V. N. Bobrova. Radiokhimiia 3 no. 4:377-383 '61.
Coprecipitation of yttrium, zirconium, and barium with potassium sulfate. V. I. Grebenshchikova, V. N. Bobrova. Radiokhimiia 3 no 4 384-390 '61.
Effect of potassium sulfate additions on the lability of oxygen in vanadium pentoxide [with summary in English] L. A. Kanatkina, G. K Boreskov, P. N. Sokolov. Zhur fiz khim. 34 no. 2:360-366 F '60

POTATO DIGGER (MACHINE)
Improving methods of mechanized potato harvesting. P. M Nastenko, IA I Vermenko. Mekh. sil' hosp. 12 no 8 14-17 Ag '61
Machinery for harvesting potatoes. N. N. Kolchin. Trakt. i sel'khozmash. 31 no. 2 48-3 of cover F '61.
Using cultivators in digging potatoes A Ocheret. Mekh. sil' hosp 12 no 8 29 Ag '61.

POTATO MOSAIC VIRUS see subdivision under Crimea; Kherson Province

POTATO WART
Developing biological methods for controlling potato wart. R. O. Mirzabekian, N. V. Sinitsyna , O. G. Beliakova. Agrobiologiia no. 4:566-572 Jl-Ag '61.

POTATOES
(see also subdivision under Komi A. S. S. R.; Russia, Northern)
Effect of hilling on potato yields [in Armenian with summary in Russian] G K. Grigorian, R S. Babaian. Izv Upr. sel'khoz nauki Arm SSR 4 no 3 16-19 '61
Effect of low temperatures on chromosomal morphology of potato species N. A Lebedeva. Dokl. AN SSSR 139 no 2,463-466 Jl '61.
Molecular-structural heterogeneity of the internal tissue in the apical and stolonate parts of a potato tuber. I Z Lazarev. Biofizika 6 no 4 503-511 '61.
[Potatoes] Kartofel'. [Moskva] Mosk. rabochii, 1961. 57 p. (Bibliotechka polevoda) (DA)
Preliminary experiments in the application of growth regulators to potato plants grown in peat soils S. M. Mashtakov, B F Matrosov Biul inst. biol AN BSSR no. 5 205-209 '60
Protistocide properties of potatoes, I. L. IAremenko. Antibiotiki 6 no. 5:452 My '61.

POTATOES—DISEASES AND PESTS
Microbe hunt M S Dunin IUn. nat no 7 35-37 Jl '61

POTATOES—HARVESTING
Harvest sugar beets and potatoes in an economic way and without losses. Mekh. sil' hosp 12 no. 8 1-2 Ag '61.

POTATOES—STORAGE
(see also subdivision under Moscow)
Changes in the composition of some potato varieties during storage V. A. Baranouskaia. Vestsi AN BSSR. Ser. bital. nav no. 2 41-45 '61.

POTATOES—VARIETIES
Biochemical characteristics of potato varieties based on the composition of cell sap. A S Vechei, O K Shtukar', L. S. Nosonovich. Biul inst biol AN BSSR no 5: 106-105 '60

POTENTIAL, THEORY OF
Method of quantum Green functions in the theory of optical bands in crystals. S V. Tiablikov, V. A. Moskalenko. Dokl. AN SSSR 139 no. 4:851-854 Ag '61.
Quasi-classical practicle in a one-dimensional periodic potential [with summary in English]. A. M. Dykhne. Zhur. eksp. i teor fiz. 40 no 5:1423-1426 My '61
Solution of the fundamental boundary value problem for a polyharmonic fourth-order equation on a plane by the method of potentials. Part 1. I. O. Panich. Izv. vys. ucheb. zav. ; mat. no. 3:80-90 '61.
Solution of the fundamental boundary value problem for a 4th order polyharmonic equation on a plane by the method of potentials. Part 2. O. I. Panich. Izv vys. ucheb. zav ; mat. no. 4, 66-77 '61.

POTENTIOMETRIC ANALYSIS
Use of membrane electrodes made of ion exchange resins for potentiometric titration [with summary in English]. E A. Materova, V. S IUrchenko. Zhur anal khim. 16 no 4 303-304 Jl-Ag '61.

POTTERY
(see also subdivision under Merv)
Production line for glazing plates A. A. Polenov Stek i Ker 18 no 7 43 Jl '61.

POULTRY
(see also subdivision under Ussuriysk)
Kalpenko, A. F., and N. V. Dobriakov. [Planning replacements in a poultry flock and the output of poultry products; handbook on the methods of practical work for the course "Production organization in socialist agricultural enterprises" given by the Department of Animal Husbandry] Planirovanie vosproizvodstva stada ptitsy i vykhoda produktsii ptitsevodstva, uchebno-metodicheskoe posobie dlia provedeniia prakticheskikh zaniatii po kursu "Organizatsiia proizvodstva v sotsialisticheskikh sel'skokhoziaistvennykh predpriiatiiakh" na zootekhnicheskom fakul'tete. Novosibirsk, Novosibirskii sel'khoz. in-t, 1961. 11 p
(DA)
Poultry in a kindergarten A. A. Sakevich Doshk. vosp 34 no 6 84-89 Je '61

POULTRY—FEEDING AND FEEDS
Effectiveness of feeding chickens with hay meal, silage, and grass preserved with the vitamin A-rich AAZ solution [with summary in German]. E. F. Laguta Biul nauch tekh. inform. VIZH no 2 95-101 '59

POULTRY—PHYSIOLOGY
Age of parents and development of the offspring in birds. N. S. Androva. Ornitologiia no. 2 41-45 '59.
Changes in the mineralization of the skeleton of hens during the period of egg laying. Z. M. Davydova. Biul. MOIP. Otd. biol. 66 no 4 152 Jl-Ag '61.
Some characteristics of the metabolism of food calcium in poultry in connection with the formation of eggshell. E. V. Sokolova. Biul MOIP. Otd. biol 66 no. 4 149 Jl-Ag '61.

POULTRY—STORAGE
Packaging dressed poultry in plastic. O. Moskaleva. Mias. ind SSSR 32 no 3 29-31 '61

POULTRY BREEDING see subdivision under Armenia

POULTRY HOUSES AND EQUIPMENT see subdivision under Krasnodar Territory; United States

POULTRY INDUSTRY
Increased efficiency in poultry procurement and fattening. I. Patrik, A. Prevo Mias ind SSSR 31 no 4:36-38 '60
Kondratiuk, N. D. [Economic aspects of the poultry industry] Ekonomika ptitsepererabatyvaiushchei promyshlennosti. Moskva, Pishchepromizdat, 1960. 169 p.
(MIU)

POULTRY PLANTS
Accelerated refrigeration of poultry carcasses. V. Bendel, O. Moskaleva. Mias. ind. SSSR 31 no. 4, 27-29 '60
Mechanization of poultry slaughtering. G. Latiuk. Mias. ind SSSR 32 no. 3 59 '61
Mobile poultry-processing stations. Mias. ind. SSSR 31 no. 4 32 '60

POWDER METALLURGY
Accelerating shrinkage in the sintering of powders. G. A. Meerson, I. V. Vitan'i Izv. AN SSSR Otd tekh. nauk. Met i topl. no 3,42-49 My-Je '61
Effect of small additions of nickel and cobalt on the sintering of iron powders. R. A. Andrievskii, I. M. Fedorchenko Izv AN SSSR. Otd tekh. nauk. Met. i topl no. 3,50-54 My-Je '61.
Sintering process and the structure of alloys of tungsten-cobalt and tungsten-nickel carbides with insufficient carbon. I. N. Chaporova, E. A. Shchetilina. Izv. AN SSSR. Otd tekh. nauk. Met i topl. no 3;37-41 My-Je '61.

POWDER METALLURGY—TESTING
Methods for testing the heat resistance of powdered metal materials G. N. Tret'iachenko, L. V. Kravchuk Energomashinostroenie 7 no 6 42-44 Je '61.

POWER ENGINEERING
"Heat power economy of the oil and gas industry" by L. R. Stotskii. Reviewed by Z. Geller, N. Volkov. Neft. khoz. 39 no. 8:71-72 Ag '61.
Novikov, I. T., ed. [Power engineering of the U. S. S. R.] Energetika SSSR; sbornik statei. Moskva, Gos. energ. izd-vo, 1961. 378 p.

POWER PLANTS, ATOMIC see Atomic power plants

POWER PRESSES
Adjusting compressing rollers on the finish forming press. M. S. Abramov, B. D. Prikhod'ko Shor rats. predl. vnedr. v proizv. no. 2;31-32 '61.
Miniature automatic press. A. N. Riabinin. Mashinostroitel' no. 7:27 '61.
Modernizing the K-232 press. D. Drambian. Prom. Arm 4 no 7,42-43 Jl '61
Press used in molding capron N. Lavrent'ev. Mashinostroitel' no. 8 37 Ag '61.

POWER RESOURCES see subdivision under Siberia, Western

POWER RESOURCES—TRANSPORTATION
Technological and economic indices of d c power transmission and its comparison to other modes of transporting power resources M. M. Aksel'rod, V. M. Kviatkovskii Izv. NIIPT no. 6:92-111 '60

POWER SHOVELS
Mechanical shovel driven by the electrical engine of a movable conveyer L. Red'ko, B. Gotlib Muk. -elev. prom 27 no 7 15-16 Jl '61

POWER TOOLS
Self-winding reel for overhead hanging of tools (from "Industrial Finishing," 37, no. 2, 1960) Der. prom 10 no. 7:33 Jl '61.

PRACTICE TEACHING see Student teaching

PRAGMATISM
Significance of V. I. Lenin's book "Materialism and empiric criticism" for the struggle against the reactionary ideas of pragmatism in educational theory. N. K. IAroshevskaia. Trudy TGU 149:103-108 '60

PRAGUE—PEACE—CONGRESSES
Address of welcome by Efrem II, Patriarch Catholicos of All Georgia. Zhur. Mosk Patr. no 7 35-36 Jl '61
Address to the Christians of the whole world. Zhur. Mosk Patr no 7 52-55 Jl '61.
All-Christian Congress in the Defense of Peace To the Chairman of the Council of Ministers of the U. S. S. R. N. S. Khrushchev. Zhur Mosk Patr. no 7 32 Jl '61
"And peace on earth" Basic report of Doctor J. Hromadka (to be concluded) Zhur. Mosk Patr no 7 10-52 Jl '61
Communiqué Zhur. Mosk Patr. no 7 56-57 Jl '61.
Greetings by Archbishop Peter from the Church of Ethiopia. Zhur Mosk Patr no 7:30 Jl '61
Message from His Holiness Patriarch Alekseii to the All-Christian Congress in the Defense of Peace Zhur Mosk Patr no 7 33-35 Jl '61.
Message from the Japanese Association in the Defense of Peace. Zhur. Mosk Patr. no 7 39 Jl '61.
Message to the World Council of Churches. Zhur Mosk Patr no 7 55-56 Jl '61.
Peace is a following of Christ; statement of the delegation of the Russian Orthodox Church at the All-Christian Congress in Prague. Zhur. Mosk Patr no 6: 41-59 Je '61.
Speech by Metropolitan Iustin, vice-president of the Holy Synod of the Rumanian Orthodox Church Zhur Mosk Patr no. 7 37-39 Jl '61
Speech by Metropolitan Nifon, head of the delegation of the Patriarchate of Antioch Zhur. Mosk. Patr. no. 7 36-37 Jl '61.
Speech of the secretary general Viktor Gaiek at the opening of the Congress Zhur. Mosk Patr. no 7 39-40 Jl '61
To the All-Christian Congress in the Defense of Peace Zhur. Mosk Patr. no 7 32-33 Jl '61.

PRASEODYMIUM COMPOUNDS
Different complex-forming aptitude of neodymium and praseodymium. N. S. Vagina, IAn IUl-lian. Zhur. neorg khim. 6 no. 7;1567-1573 Jl '61.

PRASEODYMIUM-LEAD ALLOYS
Investigation of the thermodynamic properties of cerium-lead, praseodymium-lead, and neodymium-lead P. P. Otopkov, IA. I. Gerasimov, A. M. Evseev. Dokl AN SSSR 139 no 3;616-617 Jl '61.

PRAVDA
The role of "Pravda" in the struggle of the party for the socialist industrialization of our country, from 1926 to 1929. N. V. Filenko Zbir. st. vykl. ist. KPRS vuz. Ukr RSR 1:44-61 '58.

PRECAST CONCRETE
(see also subdivision under Caucasus, Northern; Leningrad, Minsk; Novosibirsk; Sakhalin; Tagil River Basin; White Russia)
Akademiia kommunal'nogo khoziaistva. Leningradskii nauchno-issledovatel'skii institut. [Album of precast floor elements for major repairs of apartment houses] Al'bom sbornykh konstruktsii perekrytii dlia kapital'nogo remonta zhilykh domov. Leningrad, 1959. 29 p.
Assortment of serial equipment for reinforced concrete articles plants. Stroi i dor. mash. 6 no 6,36-37 Je '61.
"Electric heating of precast concrete and reinforced concrete articles on building sites" by V. P. Genin. Reviewed by A. M. Il'evskii. Bet. i zhel. -bet. no. 6: 285-286 Je '61.
Increasing the capacity of existing precast reinforced concrete plants. IA. M. IAkobson, A. M. Kreidlin. Bet. i zhel. -bet no. 7;299-304 Jl '61.
Lowering cement consumption in articles manufactured by vibration rolling. L. T. Kikava Bet. i zhel. -bet. no. 6 270-271 Je '61.
Moveable housing construction unit for manufacturing large blocks and slabs of water-resistant gypsum concrete. G. K. Babikov. Stroi. i dor. mash 6 no. 7:29-30 Jl '61.
ND-60-C molding machine for rural construction S. S. Dobrov, V. A. IAkusheva Stroi. i dor. mash. 6 no 7 24-26 Jl '61
Pulsation studies and design of precast reinforced concrete linings in the tail-race channel of hollow piers. N. N. Pashkov Shor. trud. MISI no. 42 [illegible] '61
We take on increase obligations. P. Timofeyev Stroi. prom. 11 no. 6,3-4 Je '61
Working designs of prefabricated reinforced concrete items for apartment houses and civil buildings. Stroi. 18 no. 6:7 Je '61.

PRECAST CONCRETE—CONGRESSES
Conference on precast reinforced concrete Stroi. i arkhit 9 no. 6, 39-40 Je '61

PRECAST CONCRETE—EQUIPMENT AND SUPPLIES
Modernizing the molding unit for manufacturing [illegible] slag panels by the vertical method V. M. Mar[illegible] Stroi mat 7 no 6 26-27 Je '61.

PRECAST CONCRETE—TRANSPORTATION
Truck transportation of precast reinforced concrete beams and trusses E. P. Bondar'. Bet. i zhel. -bet no. 6 261-264 Je '61.

PRECAST CONCRETE CONSTRUCTION
(see also subdivision under Bashkiria; Donets Basin, Georgia, Italy; Leningrad, Nevinomyssk, Novosibirsk Province)
Assembling a precast reinforced concrete tank with a capacity of 100 cubic meters. N. IA. Tsukerman Mont. i spets. rab. v stroi. 23 no. 7,18-20 Jl '61
Assembling precast reinforced concrete elements for constructing a tire factory. N. I. Bogdanov, V. I. [illegible] L. G. Smykunzhevskii Prom stroi. 39 no [illegible] 16 '6[illegible]
Assembly of precast concrete floors using a vacuum lifter. A. A. Timofeev, E. F. Levitskii Avt. dor. 24 no 22-24 Jl '61.
Building tunnel and compartment kilns of precast fire proof reinforced concrete. M. M. Ianush Mont. i spets. rab. v stroi. 23 no. 6:22-24 Je '61
Economical precast foundations. A. T. Shibaldin Na stroi. Ros. no. 6:22-24 Je '61.
Experimental plans for an arch-type building [illegible] Eliseev Stroi i arkhit Len 23 no. 7,23 Jl '61
A house is taken off a conveyer N. Korlov Stroit. rabochii no. 2,21 F '61.
Interlocked frame made of precast reinforced concrete I. Geronimus. Na stroi. Ros. no. 5:21-23 My '61.
Kalashnikov, N. A., and N. L. Filimonova. [Precast monolithic slabs for spans] Sborno-monolitnye plity proletnye stroenila. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shossednykh dorog RSFSR, 1961. 103 p.
Kulakovskii, A. B., and V. A. Rai[illegible]evich. [Precast reinforced-concrete in the construction of underpasses which store and process grain] Sbornyi zhelezobeton v stroitel'stve predpriiatii po khraneniiu i pererabotke zerna. Moskva, Izd-vo tekhn. i ekon. lit-ry po voprosam khleboproduktov, 1960. 77 p.
Let's limit the use of spans with frame reinforcement N. A. Kalashnikov, A. F. Lapinin. Avt. dor. 24 no 6 22-23 Je '61.
Nauchno-tekhnicheskoe obshchestvo stroitel'noi industrii SSSR. [Apartment houses made of volumetric elements] Zhilye doma iz ob"emnykh elementov. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 188 p.
New type of lining for running tunnels of the Leningrad subway. S. S. Kazantsev. Transp. stroi 11 no 7 19-[illegible] Jl '61.
New types of arched roofs. B. A. Minonkov. Stroi i arkhit. Len 23 no. 7;28-30 Jl '61.
Our story is assembled in 7 days. Transp. stroi 11 no. 7:5 Jl '61.
Precast prestressed concrete tank with a capacity of [illegible] cubic meters. L. P. Trusov. Mont. i spets rab. v stroi 23 no. 7:21-22 Jl '61.
Precast reinforced concrete in the virgin lands. IA. A. Il'inshevskii. Bet. i zhel -bet. no. 7;289-290 Jl '61
Precast reinforced concrete underground utility tunnel large enough to walk through. A. A. Ilivinov, S. IA. Kosolapov, G. R. Rozenvasser. Gor. khoz Mosk 33 no. 7;40-41 Jl '61.
Precast techniques in the construction of jetties and breakwaters. A. I. Freikman. Transp. stroi 11 no 7 33-[illegible] Jl '61.
Prefabricated hydraulic structures in the Volga-Don irrigation systems. N. O. Filippov. Sbor. trud. [illegible] NIIGiM no. 6;196-215 '58.
Raise the degree of prefabrication in rebuilding bridges K. V. Gaiduk. Avt. dor. 24 no. 6, 20-21 Je '61.
Raising the quality of completely precast housing construction. Stroi. i arkhit. Mosk. 10 no. 5;3 of cover My '61.
Retaining wall made of precast reinforced concrete. F. M. Bulgakov. Prom. stroi. 39 no. 7;54-55 '61.
The role of transverse beams in bridge design [illegible] L. Shtil'man, A. Z. Baringol'ts, V. I. Berezetskii Avt. dor. 24 no. 6;23-24 Je '61.
Silo frame for an elevator made of precast reinforced concrete. N. Sorokin. Na stroi. Ros. no. 5 13-[illegible] My '61.

PRECAST CONCRETE CONSTRUCTION (Continued)

Some problems of over-all mechanization in assembling elements made of precast reinforced concrete. G. B. Ivanskii, A. Z. Smol'skaia. Prom. stroi. 39 no. 7:5-8 '61.

Using a suspended concreting unit in completing a frame-type cantilever viaduct. E. TSimbarg. Transp. stroi. 11 no. 7,55-56 Jl '61.

Using precast reinforced concrete elements in erecting large-volume blast furnaces. A. N. Velikotskii. Prom. stroi. 39 no. 5:17-19 '61.

Weight of assembly elements of precast reinforced concrete units for district electric power plants. P. D. Zubarev. Prom. stroi. 39 no. 5 11-13 '61.

PRECAST CONCRETE CONSTRUCTION—ELECTRIC EQUIPMENT

Levi, S. S. [Electric equipment of plants and storage areas of precast concrete elements] Elektrooborudovanie zavodov i poligonov sbornykh zhelezobetonnykh izdelii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 250 p.

PRECHISTOYE DISTRICT (YAROSLAVL PROVINCE)—QUARTZ

Characteristics of quartz sands in Lyubim and Prechistoye Districts, Yaroslavl Province. V. P. Khamina. Sbor. stud. nauch. rab. Nauch. stud. ob-va IAi gos. ped. inst. no. 3,79-86 '59.

PRECIOUS STONES see subdivision under Ural Mountain region

PRECIPITATION (CHEMISTRY)

Reaction of precipitation of basic zinc chlorides by ammonia. A. K. Kirnkosian. Zhur. neorg. khim. 6 no. 7:1718-1723 Jl '61.

Some mistakes in the investigation of coprecipitation and coprecipitation processes, connected with the radiochemical contamination of radioactive isotopes. G. I. Gershtein. Radiokhimiia. 3 no. 3 249-255 '61.

PRECIPITATION (METEOROLOGY)—MEASUREMENT

Recording atmospheric precipitation (from "Meteorologische Rundschau," vol. 13, no. 6, 1960). Priroda. 50 no. 6:113 Ag '61.

PRECISION CASTING

Timofeeva, V. L., M. D. Nikitin, and S. F. Fedorov. [Manufacturing unit-cast turbine runners by the method of precision investment molding with centrifugal pouring] Opyt izgotovleniia tsel'nolitnykh koles turbine metodom lit'ia po vyplavliaemym modeliam s tsentrobezhnoi zaliv kol. Leningrad, 1961. 14 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom, Seriia Liteinoe proizvodstvo, no. 3)

PREFABRICATED BUILDINGS see Buildings, Prefabricated

PREGNADIENETRIONE

Use of adrenocorticotropic hormone, cortisone, and prednisone in the treatment of burns. V. E. Beliaev, I. M. Khachkin. Voen.-med. zhur. no. 8:30-43 Ag '60.

PREGNANCY

Is ultrasonic therapy dangerous during pregnancy? D. Kamochai. Vop. kur., fizioter. i fiech. fiz. kul't. 26 no. 3 202-205 My-Je '61.

Role of vitamins in obstetrics and gynecology [with summary in English]. R. L. Shub. Sov. zdrav. 20 no. 6 22-25 '61.

PREGNANCY—SIGNS AND DIAGNOSIS

Using immature male white mice for determining pregnancy in mares. V. M. Samsonova. Biul. nauch. tekh. inform. VIZH no. 1:51-55 '58.

PREGNANCY, COMPLICATIONS OF

Changes and injuries in the symphysis pubis during pregnancy. I. P. Tumanov. Fel'd i akush. 26 no. 6 8-10 Je '61.

Work of a maternity home for tuberculous patients [with summary in English]. L. V. Ostrovitianova. Sov. zdrav. 20 no. 6 25-29 '61.

PREHISTORIC MAN see Man, Prehistoric

PRENATAL CARE

Hygienic training of pregnant women [with summary in English]. A. N. Shubaeva. Sov. zdrav. 20 no. 6 16-20 '61.

PRESCHOOL EDUCATION see Education, Preschool

PRESS

Gugushvili, E. N., and A. Z. Iufit. [The Bolshevik press and the theater] Bol'shevistskaia pechat' i teatr. Leningrad, Gos. izd-vo "Iskusstvo," 1961. 304 p.

Shandra, V. A., ed. [History of the party and Soviet press; a collection of articles] Iz istorii partiinoi i sovetskoi pechati; sbornik statei. Sverdlovsk, 1960. 125 p.
(MH)

PRESS—BIBLIOGRAPHY see Bibliography—Press

PRESSES, HYDRAULIC see Hydraulic presses

PRESSURE VESSELS—WELDING

Coincidence of longitudinal weld joints in the cylindrical part of a pressure vessel assembled from individual shells. Necessity of providing for an insert in the center of its bottom. G. V. Raevskii. Avtom. svar. 14 no. 7:90 Jl '61.

PRESTRESSED CONCRETE

(see also subdivision under Krasnodar, Stalinsk, United States)

Akademiia stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Tensioning reinforcement by an electrothermal method in the manufacture of prestressed-concrete elements] Natiazhenie armatury elektrotermicheskim sposobom pri izgotovlenii predvaritel'no napriazhennykh zhelezobetonnykh konstruktsii. Moskva, 1959. 70 p.
[MICROFILM]

Builders who won the Lenin prize. Prom. stroi. 39 no. 5,3 '61.

Improving the mold manufacture of prestressed concrete elements. I. D. Masenko. Bet. i zhel.-bet. no. 7:304-310 Jl '61.

Manufacture of prestressed keramzit concrete slabs. V. E. Motornii. Transp. stroi. 11 no. 7 31-32 Jl '61.

Prestressed concrete electric transmission poles. M. A. Reut. Bet. i zhel.-bet. no. 7 327-330 Jl '61.

Some problems in designing prestressed beams manufactured on a standard unit. B. E. Ulitskii, M. F. Gibshman. Bet. i zhel.-bet. no. 6 278-280 Je '61.

PRESTRESSED CONCRETE CONSTRUCTION

(see also subdivision under Azerbaijan)

Single-piece tunnel sections of prestressed concrete. IA. S. Fain. Transp. stroi. 11 no. 7:54-55 Jl '61.

Using a movable mold. L. D. Zarubin. Transp. stroi. 11 no. 7:17-19 Jl '61.

PRETZELS

Remodeled FTL-2 oven with a steam chamber for pretzels. A. S. Koksharov. Khleb i kond. prom. 5 no. 7:29-31 Jl '61.

PREVENTION OF CRIME see Crime prevention

PRICE REGULATION

(see also subdivision under Europe, Eastern)

Liberman, E. Kh. [Price regulation in the practice of state arbitration agencies] Primenenie tsen na produktsiiu v praktike Gosudarstvennogo arbitrazha. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 80 p. (Bibliotechka khoziaistvennika i rabotnika iuridicheskoi sluzhby)

PRILEZHAEVA, M.

What happened? ("Pushkin waltz" by M. Prilezhaeva. Reviewed by O. Voitinskaia). Znamia. 31 no. 8 219-221 Ag '61.

PRIMATES—BEHAVIOR

Nervous mechanisms of complex behavior in anthropoid apes (Chimpanzees). A. I. Schastnyi. Dokl. AN SSSR. 139 no. 3:763-766 Jl '61.

PRIMERS, UKRAINIAN

Vnhylevych, Kost'. [Ukrainian phonologic primer] Ukrains'kyi fonolohichnyi bukvar. Illustruvav Edvard Kozak. Nove zmilnene vyd. [Detroit] Nakladom avtora, 1959. 64 p. illus.
(NN)

PRIMORSKO-AKHTARSK DISTRICT—HERONS

Crested purple heron in the southeastern part of the region of the Sea of Azov. A. A. Vinokurov. Ornitologiia. no. 2:266-261 '59.

PRIMROSES

Analysis of some medicinal forms and preparations of Primula officinalis. K. Khristov. Apt. delo. 10 no. 3: 80-84 My-Je '61.

PRINTING

[Concise technical handbook for workers in the printing industry] Kratkii tekhnicheskii spravochnik dlia rabotnikov poligraficheskikh predpriiatii. [Moskva, Iskusstvo]
Vol. 1. [1959]
(NNC)

PRINTING MACHINERY AND SUPPLIES—PRODUCTION STANDARDS see subdivision under Leningrad

PRIPET VALLEY—GEOLOGY, STRATIGRAPHIC

Triassic sediments of the Pripet fault. V. K. Golubtsov. Trudy VNIGNI no. 29 vol. 1 84-97 '60.

PRISONS

Decision No. 4 of the plenary session of the Supreme Court of the U.S.S.R. Sov. iust. no. 14:29 Jl '61.

PROAZULENE

Proazulenes from Artemisia macrocephala. M. V. Nazarenko. Zhur. prikl. khim. 34 no. 7:1633-1636 Jl '61.

PROBATION

Current plenary session of the Supreme Court of the U.S.S.R. Biul. Verkh. Suda no. 3:1-6 '61.

Decision No. 1 of the Plenary session of the Supreme Court of the U.S.S.R. of March 4, 1961 "Judicial practice in the imposition of suspended sentences." Biul. Verkh. Suda no. 3 7-11 '61.

PROBLEM OF THREE BODIES

Perturbations in the system of Uranus Majoris. B. I. Kaminskii, I. Shokomolov. Uch. zap. Tadzh. un. 15 44-51 '58.

Three body problem in case of short-range forces [with summary in English]. G. S. Danilov. Zhur. eksp. i teor. fiz. 40 no. 2 498-507 F '61.

PROBLEM OF TWO BODIES

Effect of recoil on the interaction of two particles in the nonrelativistic quantum field theory [with summary in English]. A. V. Tulub. Zhur. eksp. i teor. fiz. 40 no. 2: 488-490 F '61.

PROCELLARIIFORMES see subdivision under Pacific Ocean

PROCESSES, INFINITE

Investigating the behavior of linear dynamic systems under the action of nonlinear functions of random processes. A. A. Sveshnikov. Prikl. mat. i mekh. 25 no. 3 445-452 My-Je '61.

PRODUCE TRADE

(see also subdivision under Ivanovo District, Brest Province; Ogre District, Rostov Province; Tonshayevo District)

Aleksandrov, M. Z., and others. [Aid for the cooperative state purchasing agent] V pomoshch' kooperativnomu zagotoviteliu. Moskva, Izd-vo TSentrosoiuza, 1959. 238 p.
(CU)

Contract system as the form of economic relations between city and country. Z. Lekhova. Sov. potreb. koop. 5 no. 8 33-35 Ag '61.

Differentiation of purchase prices by zones. E. Tiapkina. Vop. ekon. no. 7 143-148 Jl '61.

Reorganizing the system of purchasing agricultural products and State Bank's tasks. V. Nikitin. Den. i kred. 19 no. 7 29-34 Jl '61.

The success of state deliveries depends on organizational work. A. Poriadin. Sov. potreb. koop. 5 no. 7: 3-6 Jl '61.

PRODUCE TRADE—CONGRESSES

Organizational conference of the marketing section representatives of cooperative societies. Sov. potreb. koop. 5 no. 8 26 Ag '61.

PRODUCER GAS see Water gas

PRODUCTION CONTROL

Precision and reliability of the inspection of production output when using the method of comparison with a standard specimen. P. P. Mesiatsev. Izv. vys. ucheb. zav., mashinostr. no. 6 154-164 '61.

State testing laboratory and production quality. L. Sh. Vinderman. Standartizatsiia. 25 no. 8 43-44 Ag '61.

PRODUCTION CONTROL—EQUIPMENT AND SUPPLIES

Instruments and devices used in establishing work norms. V. M. Ryss, E. A. Pogrebat'ko. Mashinostroitel' no. 8 21-23 Ag '61.

PRODUCTION STANDARDS

(see also subdivision under Europe, Western; United States)

Fabritskii, Kh. B., and S. M. Liubman. [Reference book for establishing norms in the manufacture of furniture] Spravochnik normirovshchika mebel'nogo proizvodstva. Moskva, Goslesbumizdat, 1961. 279 p.

PROFIT

Business accounting and profit. A. Atlas. Vop. ekon. no. 8:113-124 Ag '61.

Useful monograph ("Profit of an industrial enterprise and ways to increase it" by P. I. Dmitrieva. Reviewed by S. Barngol'ts). Fin. SSSR. 22 no. 7:93-95 Jl '61.

PROGRAMMING (ELECTRONIC COMPUTERS)

Podderiugin, V. D. [Program control for the "Strela-3" computer (recording changing commands)] Programma kontrolia dlia "Strely-3 (PIK). Moskva, Vychislitel'nyi tsentr AN SSSR, 1960. 20 p.

Podderiugin, V. D. [Program control for the "Strela-3" computer (recording linear sections)] Programma kontrolia dlia "Strely -3" (LUCH). Moskva, Vychislitel'nyi tsentr AN SSSR, 1960. 21 p.

Transformation of programs for solving complex logical problems to the optimum form. S. N. Razumovskii. Dokl. AN SSSR. 139 no. 3:562-565 Jl '61.

PROGRESS

Pages of a diary. Vera Ketlinskaia. Znamia. 31 no. 8: 104-115 Ag '61.

Socialism and progress. IU. P. Frantsev. Kul't. i zhizn' 5 no. 6:2-6 '61.

PROKOP'YEVSK—STREET RAILWAYS

Twenty-fifth anniversary of the Prokop'yevsk trolley V. Danilok Zhil -kom khoz 11 no 5 9 My '61

PROLETARIAT

A group studying the history of the Russian proletariat during the period of capitalism IU I Kir'ianov, L A Potapova Vop ist no 8 171-172 Ag '61

PROLIFICATION

Interesting case of columellar proliferation in Marschantia polymorpha. G.F.Trubitskii. Biul.MOIP, Otd.biol 66 no.4 116-117 Jl-Ag '61.

PROLINE

Hydroxyproline content in hydrolyzates of various topographic sections of calf leather derma N A. Oreshkov Izv vys ucheb zav , tekh. leg prom no 3 62-64 '61

PROPANE

Gol'denfun, I. S., D. IA. Volovich, and I. S. Baber. [Propane and butane are a substitute for acetylene for cutting metal in construction] Propan-butan - zamenitel' atsetilena dlia rezki metalla v stroitel'stve Leningrad, 1961 16 p. [Leningradskii Dom nauchno-tekhnicheskoi propagandy Obmen peredovym opytom. Seriia Stroitel'naia promyshlennost', no. 11)

PROPELLERS, AERIAL—MODELS

Variable-diameter propeller. A.Shakhat. Kryl.rod 12 no 4 29-30 Ap '61.

PROPENE

Alkylation of aromatic hydrocarbons Alkylation of naphthalene by propylene on an aluminisilicate catalyst at moderate temperatures A. V Topchiev, M V kurashev, I F Gavrilenko Dokl. AN SSSR 139 no 1;124-127 Jl '61

Formation of large microscopic structures in polypropylene crystals V. A Kargin, G P Andrianova Dokl AN SSSR 139 no 4.874-876 Ag '61

In regard to the article by S S Nazarova "Preparation of trimethylcarbinol from gases produced in the sulfuric acid processes of petroleum refining, and its dehydration into isobutylene " N E Vishnevskii, R D Dergacheva Zhur prikl khim 34 no 7 1637-1638 Jl '61

Polymerization of the propane-propylene fraction in the presence of an aluminosilicate catalyst with chromium oxide added G. M. Panchenkov, Ch S Karryev, Sia TSze-chzhi [Hsia Tsé-chih] Izv AN Turk SSR Ser. fiz -tekh , khim i geol nauk no, 3 97-104 '61.

Rapid mercurimetric method for the determination of isobutylene in cracking fractions [with summary in English] S M. Markevich and others Zhur anal khim 16 no 4 489-493 Jl-Ag '61

Recovery of isobutylene from butane-butylene mixtures A. T Mantailo and others Zhur VKHO 6 no 4 470-471 '61

Study of the polydispersity of polymers by the method of the unsteady sedimentation equilibrium Part 2 Study of polyisobutylene obtained by means of an organometallic catalyst [with summary in English]. S IA Frenkel' and others. Zhur fiz. khim 34 no 2;327-334 F '60.

Transformations of isopropenylcyclopropane in the presence of kieselguhr M IU Lukina and others Dokl. AN SSSR 139 no 2;381-384 Jl '61

PROPENONE—DIPOLE MOMENTS

Dipole moments of certain imides and diphenylcyclopropenone A. N Shidlovskaia, IA K Syrkin Dokl. AN SSSR no 2 418-419 Jl '61

PROPIONIC ACID

Participation of propionic acid in the constructive metabolism of Chromatium vinosum [with summary in English]. V. N. Shaposhnikov, L. K. Osnitskaia, V. I. Chudina. Mikrobiologiia 29 no. 2:164-169 Mr-Ap '60

Production of esters of β-oxypropionic acids N. P. Romazanovich, Z. A. Vasil'eva Ukr khim zhur 27 no 4 548-549 '61.

Synthesis of β-halopropionic acids A. P. Grishchuk, S N Baranov. Zhur. ob khim. 31 no 7:2398-2398 Jl '61

PROSPECTING

(see also subdivision under Ukraine)

Dzhalil-zade, G. N. [Ways of increasing rates of drilling of structure and prospect holes] Puti povysheniia skorosteĭ bureniia strukturno-poiskovykh skvazhin. Baku, Azerbaidzhanskoe gos. izd-vo neft. i nauchno-tekhn. lit-ry, 1960. 60 p.

Statistical method of calculating the spacial distribution of ore bodies. A. P. Grudev. Izv. vys. uchob. zav.; geol. i razv. 4 no. 1:78-82 Ja '61.

[illegible]

rukovodstvo po opredeleniiu mikrokomponentov v prirodnykh vodakh pri poiskakh rudnykh mestorozhdeniĭ. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1961. 287 p.

[MICROFILM]

PROSTHESIS

(see also subdivision under Gorkiy, Krasnodar; Moscow, Omsk, Vologda)

Cybernetics in action. A. I. Kobrinskii. Kul't. i zhizn' 5 no 7 31-33 '61

Every prosthetic enterprise must have an X-ray apparatus I Skilar Sots obesp 22 no. 7 50-51 Jl '61

Problem of increasing sensitivity in prosthesis. P. Belousov. Sots. obesp. 22 no. 8 49-50 Ag '61.

PROTACTINIUM—METALLURGY

Investigation of the process of coextrystallization of protactinium with complex compounds of titanium, niobium, and tantalum A V Lapitskii, Chzhuan IA-in, I A. Savich Radiokhimiia 3 no 3 241-245 '61

PROTEASES

Effect of various doses of ultraviolet radiation in obtaining variants of Aspergillus producing active proteases. S. Z Brotskaia Trudy Inst. mikrobiol. no. 10 120-128 '61.

The mold fungus Aspergillus flavus as active producer of proteolytic enzymes. E. IA. Kalashnikov, T. I Trainina. Trudy Inst. mikrobiol. no. 10 103-111 '61.

PROTECTION OF BIRDS see Birds, Protection of

PROTECTIVE COATINGS

Considering various climatic conditions in selecting protective coatings M. A Palei Standartizatsiia 25 no 8 60-63 Ag '61.

Determining some technological parameters in coating pipe with polymer strips N P Shagov, V A Spirin Stroi. truboprov. 6 no. 6.14-16 Je '61.

Effect of testing temperature and chemical-conversion coating on the fatigue limit of brand 20Kh steel Y. Shamyrkanov. Izv AN kir SSR Ser est i tekh nauk 3 no 1;97-100 '61

Fluidized bed spraying of low pressure polyethlene. I. G. Prokopenko, V. V. Lapshin Plast massy no 8;26-28 '61

IM-17 coating machine A I. Azlavchikov, V. L. Knopov. Stroi truboprov 6 no 6 29 Je '61

Improving the quality of anticorrosive coatings for cast-iron pipes and fittings V M Pishchev. Vod i san. tekh no. 3 17-20 Mr '61

Kuybyshev (Province) [Methods for the analysis of electrolytes and solutions of galvanic and chemical coatings; a manual for workers in industrial laboratories] Metody analiza elektrolitov i rastvorov gal'vanicheskikh i khimicheskikh pokrytiĭ; spravochnoe posobie dlia rabotnikov zavodskikh laboratoriĭ. Kuĭbyshev, TSentr. biuro tekhn. informatsii, 1960. 215 p.

New mixture composition for coating centers and extensions V K Laptev, P M. Khromov Shor. rats. predl. vnedr. v proizv. no 1 12 '61

So paint will last longer. A Goloskokov. Starsh.-serzh. no 4-35 Ap '61.

PROTEINASES

Nephelometric method for determing the activity of the proteinase in Bacillus subtilis [with summary in English] I. D. Ivanov Mikrobiologiia 29 no. 2:289-292 Mr-Ap '60

PROTEINS

(see also subdivision under Zaporozh'ye Province)

Available method for obtaining enzymetic protein hydrolysate for tissue culture growth T I Golubev Vop *virus* 6 no 5 629-632 S-O '60

Characteristics of proteolysis in germinating seeds of leguminous plants. N I. Proskurinkov, I I. Tovarova Nauch. dokl vys shkoly, biol nauki no 3;155-158 '61

Conference on microbiological methods for producing fodder proteins M. M. Makarova, V IA. Chastukhin. Mikrobiologiia 29 no. 2:308-309 Mr-Ap '60.

Modifications of electrolyzers in the polarography of proteins and ferments. I. D. Ivanov. Lab. delo 7 no. 6;54-56 Je '61.

Modified method for the determination of proteins in ready-to-eat food. N M. Kalkov. Gig. i san. 26 no. 3, 57-60 Mr '61.

Removing the residues of a solvent from protein tissues degreased by dichloroethane. V. V. Kolchev, N. E. Nikolaeva. Izv. vys. ucheb. zav., pishch. tekh. no. 2;67-71 '60.

PROTEINS IN THE BODY

Determination of the protein reserve maintaining a state of equilibrium with proteins of the blood serum. N. V. Stefanovskaia. Izv. AN Turk. SSR. Ser. biol. nauk no. 2: 78-82 '61.

Effect of the functional state of the cerebral cortex on the nature of the specific dynamic action of proteins [with summary in English]. T. O. Dzhoieva. Fiziol. zhur. [Ukr.] 7 no. 4.520-526 Jl-Ag '61.

Increase in the amount of protein in the moisture of the camera oculi anterior following action of ionizing radiation on the body [with summary in English]. N. I. Arlashchenko. Oft. zhur. 16 no. 4.233-237 '61.

PROTONS

Anisotropy in the fission of bismuth and uranium irradiated by 660 Mev. protons [with summary in English] A. I. Obukhov, N. A Perfilov. Zhur. eksp i teor fiz 40 no 5,1250-1252 My '61.

Antiproton level shifts for large orbital angular moments [with summary in English]. A. F. Grashin Zhur eksp. teor fiz. 40 no. 2:652-653 F '61.

Cross section of the production of hypernuclei in photoemulsions by 9 bev protons [with summary in English] L B. Berkovich and others Zhur. eksp i teor. fiz. 41 no. 1 75-77 Jl '61

Fission of antimony nuclei induced by high energy protons [with summary in English] A.K. Lavukhina and others Zhur. eksp. i teor. fiz 40 no. 2 409-418 F '61.

Interaction of 660 Mev protons with carbon, nitrogen and oxygen nuclei [with summary in English]. N. A. Perfilov, IU. I. Serebrennikov. Zhur. eksp. i teor. fiz. 40 no 2:400-403 F '61.

Production of negative hydrogen ions in the passage of protons through gaseous targets. IU. M. Khirnyi. Zh. tekh. fiz. 31 no. 5 597-605 My '61.

Production of tritium in the bombardment of heavy nuclei by fast protons [with summary in English] S V Izmailov, I I Pianov Zhur. eksp i teor fiz. 41 no 1 118-126 Jl '61.

Role of the single-meson pole diagram in the scattering of gamma-quanta by protons [with summary in English] L. I. Lapidus, Chzhou Guan-chzhao [Chou Kuang-chao] Zhur. eksp. i teor fiz 41 no 1 291-302 Jl '61

Search for anomalies in the energy dependence of the cross section of the reaction $p + p \rightarrow d + \pi^+ + n$ in the threshold region of the formation of π^+-meson pairs IU. K Akimov, O V Savchenko, L. M Soroko Zhur. eksp. i teor fiz. 40 no 5:1530-1532 My '61.

Search for anomalies in the spectrum of H^3 nuclei emitted in the reaction $p + d \rightarrow H^3 + \pi^+ + \pi^+$ at a proton energy of 670 Mev. IU. K. Akimov and others Zhur. eksp. i teor. fiz 40 no. 5;1532-1535 My '61.

Search for near-threshold anomalies in the energy dependence of the total cross section of proton interaction I M. Vasilevskii, IU. D. Prokoshkin, V I. Rykalin. Zhur. eksp. i teor. fiz. 40 no. 5;1524-1525 My '61

Single-meson contribution to the photoproduction of π^--mesons on protons [with summary in English]. L. V Laperashvili, S. G Matinian. Zhur. eksp. i teor. fiz 41 no. 1 272-275 Jl '61

Space and charge parity of a proton-antiproton system and its multiple-meson annihilation [with summary in English] M I. Shirokov Zhur. eksp i teor fiz 41 no 1 190-196 Jl '61.

State of protons in aqueous solutions [with summary in English]. N. E. Khomutov. Zhur. fiz khim. 34 no 2 380-386 F '60.

$\Lambda\Lambda$-interaction and the cross-sectional ratio of the reactions $\Lambda N \rightarrow \Lambda\Lambda N$ at an energy of 200 Mev IU A Batusov and others. Zhur. eksp i teor fiz. 40 no 5; 1528-1530 My '61.

Total cross sections of the interaction of K^+ and π^+-mesons having pulse energies of 4.75 and 3.7 bev/c with protons and nuclei [with summary in English]. M. F Likhachev and others Zhur. eksp. i teor. fiz 41 no 1 38-41 Jl '61

PROTONS—SCATTERING

Angular distribution of 6.8 mev. protons elastically scattered on nickel and zirconium isotopes [with summary in English] A. K. Valter and others. Zhur eksp i teor fiz. 41 no. 1;71-74 Jl '61.

Calculating the cross sections of elastic scattering for 5.45 Mev. protons according to the optical nuclear model [with summary in English]. R A. Vanetsian and others. Zhur. eksp. i teor. fiz. 40 no. 4:1199-1202 Ap '61.

Correlation between the normal polarization components in 660 mev. proton-proton scattering Part I [with summary in English] B. M. Golovin, V. P. Dzhelepov, R. IA. Zul'karneev. Zhur. eksp. i teor. fiz 41 no 1: 83-88 Jl '61.

Determination of the π-meson-nucleon interaction constant from the differential cross sections of elastic pp-scattering [with summary in English] IU. M Kazarinov and others. Zhur. eksp. i teor. fiz 41 no 1 197-198 Jl '61.

Elastic scattering of 5.45 mev. protons on zirconium nuclei [with summary in English]. V. IA. Golovnia, A. P. Klucharev, B. A Shiliaev. Zhur. eksp i teor. fiz 41 no 1.32-34 Jl '61.

Estimation of the upper limit of the charge exchange cross section in pn-interaction at 8.5 Bev. [with summary in English]. V. A. Nikitin, E. N. TSyganov. Zhur. eksp. i teor. fiz. 40 no. 4:1027-1030 Ap '61.

Inelastic scattering of protons by Ne^{20} nuclei [with summary in English]. P. V. Sorokin and others. Zhur. eksp i teor. fiz. 40 no. 5;1253-1256 My '61.

Phase shift analysis of pp-scattering of 95 Mev. [with summary in English]. V. A. Borovikov and others Zhur. eksp. i teor. fiz. 40 no. 4:1106-1111 Ap '60.

Resonant charge exchange in hydrogen and sodium [with summary in English]. IU. E. Murakhver. Zhur. eksp. i teor. fiz. 40 no. 4;1080-1084 Ap '61.

PROTONS—SPECTRA

Excited levels of Ne^{22} [with summary in English] A. M. Romanov, E. V. Miakinin, M. P. Konstantinova. Zhur. eksp. i teor. fiz. 41 no. 1 64-65 Jl '61.

PROTOPLASM

Effect of unfavorable soil moisture conditions on the protoplasm of the epidermis cells in "Vinet" barley leaves. L. G. Zavadskaia. Uch. zap. Ped. inst. Gerts. 178:181-183 '59.

PROTOZOA, PATHOGENIC

Temperature adaptations in parasitic protozoans from the common frog (Rana temporaria L.) and the lake frog (Rana ridibunda Pall.). K. M. Sukhanova. Dokl. AN SSSR 139 no. 1 252-255 Jl '61.

PROVERBS

Rybnikova, M. A. [Russian proverbs and sayings] Russkie poslovitsy i pogovorki. Moskva, Izd-vo Akad. nauk SSSR, 1961. 220 p.

Ushakov, N. N. [Materials for exercises in spelling and punctuation; proverbs and sayings of various peoples. Teacher's guide] Material dlia upr azhnenii po orfografii i punktuatsii; poslovitsy i pogovorki raznykh narodov. Posobiedlia uchitelia. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 54 p.

PRURITUS

Senile pruritis. IA. E. Shapiro. Fel'd i akush. 26 no. 7 54-56 Jl '61.

Treating pruritic diseases of the skin with RP-2 developed by A. A. Pekarovskii, abstract. B. I. Il'in. Voen.-med. zhur. no. 3 76 Mr '61.

PRUT VALLEY—ARCHAEOLOGY

Fedorov, G. B. [The people of the Prut-Dniester interfluve during the first thousand years A. D.] Naselenie Prutsko-Dnestrovskogo mezhdurechia v I tysiacheletii n. e. Moskva, Izd-vo Akad. nauk SSSR, 1960. 378 p. (Materialy i issledovaniia po arkheologii SSSR, no. 89)

PRUZHANY DISTRICT—SCHOOL EXCURSIONS

We jointly study the great book of life. M. Stsiapanava. Nar. asv. no. 5 54-56 My '61.

PSEUDOMONAS LACHRYMANS

Specialization of Pseudomonas lachrymans (Sm. et Bryan) Carsner producing cucumber bacteriosis [with summary in English]. M. V. Gorlenko, L. N. Bushkova. Biul. MOIP. Otd. biol. 66 no. 4:93-101 Jl-Ag '61.

PSITTACOSIS

Studying the effect of antibiotics and specific sera on the development of viruses and rickettsia in a tissue culture by using microcinematography. Report No. 1: Effect of penicillin on the psittacosis virus and Rickettsia burneti in tissue culture [with summary in English]. A. T. Kravchenko, O. S. Gudima, V. N. Militin. Vop. virus. 7 no. 3:300-306 My-Je '61.

Studying the effect of antibiotics and specific sera on the development of viruses and rickettsia in a tissue culture by using microcinematography. Report No. 2: Effect of terramycin on the psittacosis virus and Rickettsia burneti in tissue culture [with summary in English]. A. T. Kravchenko, V. N. Militin, O. S. Gudima. Vop. virus. 7 no. 3:307-312 My-Je '61.

PSKOV PROVINCE—SWINE

Vasilii Minin, a swineherd. IUrii Balatov. Sov. profsoiuzy 17 no. 14 8-9 Jl '61.

PSYCHIATRY

"Introduction to psychiatry" [in German] by K. Kolle. Reviewed by E. IA. Shternberg. Zhur. nevr. i psikh. 61 no. 3:472-473 '61.

Some problems in the theory of psychiatry. P. E. Vishnevskii. Zhur. nevr. i psikh. 61 no. 5 769-772 '61.

PSYCHIATRY—CONGRESSES

Brief news. Zhur. nevr. i psikh. 61 no. 5:788-792 '61.

PSYCHOLOGICAL APPARATUS

Automatic control for a conditioned reflex chamber. K. I. Goroshchenia, D. V. Lizogubov, M. I. Nikoforov. Zhur. vys. nerv. deiat. 11 no. 3:561-565 My-Je '61.

PSYCHOLOGY

Vsesoiuznoe soveshchanie po voprosam psikhologii, 3d, Moscow, 1955. [Reports presented at the Third All-Union Conference on Problems of Psychology] Tezisy dokladov. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1955. 182 p.

PSYCHOLOGY—HISTORY

Bochorishvili, A. T. [Principal problems of psychology; a critique of bourgeois psychology] Printsipial'nye voprosy psikhologii; kritika burzhuaznoi psikhologii. Tbilisi, Akad. nauk Gruzinskoi SSR, 1957. [In Georgian with Russian summaries]
Vols. 1-2
(MH)

PSYCHOLOGY, PHYSIOLOGICAL

Beritashvili, I. S. [Nerve mechanisms of the behavior of the higher vertebrate animals] Nervnye mekhanizmy povedeniia vysshikh pozvonochnykh zhivotnykh. Moskva, Izd-vo Akad. nauk SSSR, 1961. 355 p.

PSYCHOPHARMACOLOGY

Structure of some psychopathological syndromes and their "therapeutic sensitivity" [with summary in French] T. IA. Khvilivitskii. Zhur. nevr. i psikh. 61 no. 5 725-732 '61.

PSYCHOSES

Clinical peculiarities of brucellar psychosis [with summary in French]. T. E. Toshcheva. Zhur. nevr. i psikh. 61 no. 5:747-749 '61.

"Division of the endogenous psychoses" [in German] by K. Leonhard. Reviewed by V. N. Favorina. Zhur. nevr. i psikh. 61 no. 4 631-633 '61.

Peculiarities of listerellial psychoses [with summary in French]. A. N. Timofeeva, T. K. Kashkarova, E. IA. Gribanovskaia. Zhur. nevr. i psikh. 61 no. 5 739-746 '61.

Psychosis in lipogranulomatosis (disseminated and abscessed). E. C. Arutiunov, Z. P. Zubareva. Zhur. nevr. i psikh. 61 no. 5 750-755 '61.

PSYCHOSOMATIC MEDICINE see Medicine, Psychosomatic

PSYCHOTHERAPY

"Studies in psychotherapy" by M. O. Lebedinskii. Reviewed by G. G. Shumkin. Zhur. nevr. i psikh. 61 no. 3:468-469 '61.

PUBIC SYMPHYSIS

Changes and injuries in the symphysis pubis during pregnancy. I. P. Tumanov. Fel'd i akush. 26 no. 6:8-10 Je '61.

PUBLIC BUILDINGS

Public Buildings and Structures Institute. A. Z. Daniliak. Izv. ASiA no. 1:118-120 '61.

PUBLIC BUILDINGS—HEATING AND VENTILATION

Heating and ventilation apparatus and conditioners for residential and public buildings. IA. D. Pekel'. Vod. i san. tekh. no. 2 10-13 F '61.

PUBLIC HEALTH
(see also subdivision under Armenia; Cuba; Czechoslovakia; Georgia, Great Britain, Iran, Krasnoyarsk; Perm; Ryazan Province, Vladimir Province)

Achievements of the people. E. I. Smirnov. Zdorov'e 7 no. 6:3-4 Je '61.

Brief news and information. Gig. i san. 26 no. 3:122-125 Mr '61.

Moscow. Pervyi meditsinskii institut. [Methodological instructions for teaching the organization of the public health system] Metodicheskie ukazaniia k prepodavaniiu organizatsii zdravookhraneniia. Izd. 2. Moskva, 1960. 56 p.

"Problems in Soviet public health (articles and speeches)" by M. F. Vladimirskii. Reviewed by S. IA. Freidlin. Sov. zdrav. 20 no. 6:92-93 '61.

Smulevich, B. IA. [Criticism of modern bourgeois social hygiene and medical sociology] Kritika sovremennoi burzhuaznoi sotsial'noi gigieny i meditsinskoi sotsiologii. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 337 p.

Some problems in the work of local organs of the public health system. N. I. Gavrilov. Zdrav. Ros. Feder. 5 no. 7:3-8 Jl '61.

"Studies on the state of the public health in capitalist countries" by IU. A. Dobrovol'skii. Reviewed by P. P. Radkin. Vest. AMN SSSR 16 no. 3:90-91 '61.

Work of the division of hygiene, microbiology and epidemiology of the Academy of Medical Sciences of the U. S. S. R. (February 1960 - February 1961). L. G. Ratgauz, A. I. Danilov. Vest. AMN SSSR 16 no. 7: 72-81 '61.

PUBLIC HEALTH—BIBLIOGRAPHY see Bibliography—Public health

PUBLIC HEALTH—FINANCE

More on public health financing. L. Krymko. Fin. SSSR 22 no. 3:73-74 Mr '61.

PUBLIC HEALTH—INTERNATIONAL COOPERATION

Medical help to underdeveloped areas. V. Dvoriakovskii. Mezhdunar. zhizn' 8 no. 9:107-108 S '61.

PUBLIC HEALTH—PERIODICALS

Report on "Gigiena i sanitariia" for 1960. Gig. i san. 26 no. 3:125-126 Mr '61.

PUBLIC HEALTH—STATISTICS
(see also subdivision under Ivanovo Province; Poland)

Basic indexes of the development of the public health system of the R. S. F. S. R. at the beginning of 1961. V. N. Ivakina. Zdrav. Ros. Feder. 5 no. 7:47-3 of cover Jl '61.

"General theory and methodology of sanitary statistical investigation" by A. M. Merkov. Reviewed by E. IA. Belitskaia. Gig. i san. 26 no. 3:109-110 Mr '61.

"Practicum on the general theory of public health statistics" by R. N. Biriukova, N. V. Dogle, I. S. Sluchanko. Reviewed by I. G. Lavrova. Zdrav. Ros. Feder. 5 no. 7: 40-41 Jl '61.

PUBLIC HEALTH—STUDY AND TEACHING

Rozenfel'd, I. I. [Principles and method in the planning of the public health system] Osnovy i metodika planirovaniia zdravookhraneniia, posobie dlia zaochnogo obucheniia. Moskva, 1959. 39 p.
(DNLM)

PUBLIC HEALTH, RURAL
(see also subdivision under Krasnodar Territory, Shamshadin District, Armenia; Ukraine; White Russia)

Advanced training for rural midwives in the field of health education [with summary in English]. S. L. Polchanova. Sov. zdrav. 20 no. 6:36-41 '61.

PUBLIC HEALTH ADMINISTRATION see subdivision under Topki District

PUBLIC INSTITUTIONS

Accounting centralization in rural soviets. V. IAkimov. Bukh. uchet 18 no. 6 1-8 Je '61.

PUBLIC INSTITUTIONS—ACCOUNTING see subdivision under Bryansk Province

PUBLIC OPINION see subdivision under United States

PUBLIC SERVICE

Komarov, V. E. [Public service funds under socialism] Fondy obshchestvennogo potrebleniia pri sotsializme. Moskva, Gos. izd-vo polit. lit-ry, 1961. 45 p. (V pomoshch' izuchaiushchim politicheskuiu ekonomiiu)

PUBLISHERS AND PUBLISHING

Important section of foreign trade work. D. Aleksandrov. Vnesh. torg. 41 no. 6:38-39 '61.

"News" agency. Kul't. i zhizn' 5 no. 6:44 '61.

.. Only of excellent quality. N. Vladimirskii. Sov. knizh. torg. 13 no. 6:41-42 Je '61.

Plans for publication supervision. L. Raskin. Sov. knizh. torg. 13 no. 6:9-10 Je '61.

Questions for publishers. Sov. knizh. torg. 13 no. 6:30-31 Je '61.

Too many stereotyped works. V. Baranovich. Sov. knizh. torg. 13 no. 6:29 Je '61.

PULMONARY FIBROSIS

Interstitial pulmonary fibrosis (Hamman-Rich syndrome) [with summary in English]. E. M. Zagnitovskaia, L. A. Levina, B. L. Elkonin. Vest. rent. i rad. 36 no. 3 50-53 My-Je '61.

PULSE

Mechanoelectrical converter for pulse registration. O. IA. Grinshpun. Fiziol. zhur. 46 no. 3:360-362 Mr '60.

PULSE CIRCUITS

Action of Palm's pulse trains on radio circuits with capacitive storage devices. Part I [with summary in English] G. A. Medvedvedev. Izv. vys. ucheb. zav., radiofiz. 4 no. 2 275-281 '61.

Transfer characteristic of a coaxial system with periodic structure. S. I. Viglin. Radiotekh. i elektron. 6 no. 8: 1308-1315 Ag '61.

PULSE GENERATORS see Oscillators, Electric

PULSE TECHNIQUES (ELECTRONICS)

Certain special cases of measuring the mean value of homogeneous and isotropic random fields in two-dimensional space. S. E. Bogdanov. Radiotekhnika 16 no. 8 67-74 Ag '61.

Frequency-pulse converter of continuous electrical magnitudes. A. V. Kalinov. Izv. vys. ucheb. zav.; elektromekh. 4 no. 3,17-48 '61.

Investigation of the stability of periodic operating conditions of nonlinear pulse automatic control systems [with summary in English]. IA. Z. TSypkin. Avtom. i telem. 22 no. 6:711-721 Je '61.

Problems concerning the use of cathode followers in phantastron circuits. A. M. Tomashpol'skii. Radiotekhnika 16 no. 7:38-45 Jl '61.

Use of a phase plane method for studying nonlinear discrete systems. M. V. Vostrov. Izv. AN SSSR, Otd. tekh. nauk, Energ. i avtom. no. 3 31-45 My-Je '61.

PULVERIZED COAL see Coal, Pulverized

PUMPING MACHINERY

Baranovskii, N. V. [Pumps for milk and liquid milk products] Nasosy dlia moloka i zhidkikh molochnykh produktov. Izd. 2., perer. i dop. Moskva, Pishchepromizdat, 1959. 56 p.
(DA)

Effect of slit-type glands on the critical speeds of feed pump rotors. V. A. Martsinkovskii, I. B. Marintsev. Energomashinostroenie 7 no. 4:12-14 Ap '61.

Steam pump without a crankshaft. L. Logov. Prom. Arm. 4 no. 7:35-38 Jl '61.

Study of the stages of a centrifugal feed pump with different circulation of the incoming flow. A. K. Mikhailov. Energomashinostroenie 7 no. 4:17-20 Ap '61.

Stuffing box for a piston pump. E. Sokolenko. Neftianik 6 no. 7:24 Jl '61.

PUMPING MACHINERY (Continued)

Vibration water lifts T Sadovskii, V. Usakovskii Stroitel' no 2 29 F '61

VN-2 vibration force pump A. Posysaev, Strotel' no 6 11 Je '61.

PUMPING MACHINERY, ELECTRIC

Automation of the operation of reservoir pumps, A. M. Raevskii. Prom. energ. 16 no. 5 22-25 My '61.

Redesigning of a 5TSI0 feed pump B IA. Pechenik Elek sta 32 no 4 96 Ap '61

PUMPING STATIONS

Automatic control of the pumping station of the Kirovsk-Omsk Grain Elevator V Makarov Muk -elev prom 27 no 7 16-17 Jl '61

PUMPKIN

Pumpkin. B. A Bykov Priroda 50 no. 8,111 Ag '61

PUMPKIN SEED

Changes in the spectral properties of green pigments in the internal integuments of pumpkin seeds during ripening T N Godnev, N K Akulovich Biul Inst biol AN BSSR no 5 118-126 '60

Nature of protochlorophyll of pumpkin seeds and its relationships with the pigments of green leaves A. A Shlyk, V L. Kalcr, G M Podchumarova Biul Inst biol AN BSSR no. 5 141-148 '60

PUNISHMENT

Decree of the Presidium of the Supreme Soviet of the U.S.S.R. of May 5, 1961 on "Intensification of the struggle against vicious criminal offenses." Biul. Verkh. Suda no. 3.21-22 '61.

Some problems relating to Soviet legislation on corrective labor. M Kh. Komakhidze Sov gos i pravo no. 11 9-101 N '60

PUPPETS AND PUPPET PLAYS

(see also subdivision under Bucharest; Moscow)

[The amateur puppet theater] Samodelatel'nyi teatr kukol. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 63 p. (Bibliotechka khudozhestvennoi samodeiatel'nosti, no. 13)

With a wave of the hand Stin. Dreiden Teatr 22 no 7: 176-182 Jl '61

PURIFICATION OF WATER see Water—Purification

PURKYNĚ, KAREL, 1834-1868

Ehrenburg, I. G. [Karel Purkyně] Karel Purkine. Moskva, Gos. izd-vo "Iskusstvo," 1960. 13 p. plates.

PUSHKIN, ALEKSANDR SERGEEVICH, 1799-1837—HOMES AND HAUNTS

Sukhomlinov, A. V., comp. [The Aleksandr Sergeevich Pushkin House-Museum] Dom-muzei Aleksandra Sergeevicha Pushkina; kratkii putevoditel'. Kishinev, Kartia moldoveniaske, 1959. 29 p. (CLU)

PUTRESCINE

Chemical and pharmacological investigation of natural and synthetic derivatives of the putrescine series A. D. Panashchenko, A. A. Riabinin Trudy Bot inst Ser 5 no. 8 49-65 '61.

PUTTY

Putty without a drying oil. Sel'. stroi. 16 no. 6:31 Je '61

PYATIGORSK—HOUSING MANAGEMENT

What our experience teaches. A. Shubin, Zhil' -kom. khoz. 11 no 7 9-10 Jl '61

PYATORYZHSKOYE REGION—ELEPHANTS, FOSSIL

Find of the teeth of Archidiskodon meridionalis (Nesti) in Kazakhstan. I. A. Dubrovo. Mat. po ist. fauny i flory Kazakh. 3:58-61 '61.

PYONGYANG, NORTH KOREA—CITY PLANNING

Building Pyongyang C. H. Kim. Sov. arkhit. no. 12: 103-110 '60.

PYRAZOLE

Pyrazoles Part 19. Aminopyrazoles as amino components in the Skraup reaction Synthesis of pyrazolopyridines. I. I Grandberg Zhur. ob khim. 31 no. 7: 2307-2310 Jl '61.

Pyrazoles. Part 20. Synthesis of 5-aminopyrazoles and their sulfamide derivatives. I I. Grandberg, Din Veipy, A. N. Kost. Zhur. ob. khim. 31 no 7.2311-2315 Jl '61

PYRAZOLOPYRIDINE

Pyrazoles. Part 19: Aminopyrazoles as amino components in the Skraup reaction. Synthesis of pyrazolopyridines. I. I Grandberg. Zhur. ob. khim 31 no 7: 2307-2310 Jl '61.

PYRENE

Action of oleum on tetrachloropyrene. E. P. Gendrikov. Zhur. prikl. khim. 34 no. 7:1623-1625 Jl '61.

PYRETHRUM see subdivision under Caucasus

PYRIDINE

Electrochemical behavior of pyridine G. A Tedoradze, S G Mairanovskii, L. D Klinkina. Izv AN SSSR. Otd khim nauk no 7 1352-1354 Jl '61

Polarographic determination of 2-methyl-5-vinylpyridine [with summary in English] V D. Bezuglyi and others Zhur anal khim 16 no 4 477-482 Jl-Ag '61

Pyridine derivatives of peroxymolybdic and peroxytungstic acids R G Beiles, R. A Safina, E M Beiles. Zhur neorg khim 6 no 7:1612-1615 Jl '61

PYRIDINIUM COMPOUNDS

Pyrylium compounds having active methyl groups Part I Reactions of 2-methyl-4, 6-diphenyl pyrylium ferrichloride and 1, 2-dimethyl-4, 6-diphenyl pyridinium iodide with benzaldehyde and p-dimethylaminobenzaldehyde N V Khromov-Borisov, L A Gavrilova. Zhur ob khim 31 no 7:2192-2198 Jl '61

PYRIMIDINES

Mechanism of anti-edematous effects of chlortetracycline and cytosine [with summary in English]. I. I. Brekhman, P. P. Golikov. Antibiotiki 6 no. 5 419-422 My '61.

PYRITES see subdivision under Ural Mountains

PYROCATECHOL

Amperometric titration of germanium with a pyrocatechol solution [with summary in English] A I Zelianskaia, N V Stashkova Zhur anal khim 16 no 4 430-432 Jl-Ag '61

PYROCHLORE

Chemical analysis of pyrochlore T. A Burova. Trudy IGEM no 64 Metod khim. anal min no 1:86-90 '61

PYROGENS

Effect of a series of antibiotics on febrile reactions to pyrogenal in rabbits [with summary in English]. O. Sh. Dzheksenbaev. Antibiotiki 6 no. 5:417-418 My '61.

Theoretical and practical problems connected with the use of pyrogenal Kh Kh Planel'ev. Vest. AMN SSSR 16 no 7 86-91 '61.

PYROTARTARIC ACID

Interaction between dichloropyrotartaric acid and primary aromatic amines I. F. Spasskaia, V S. Etlis Zhur ob khim 31 no. 7 2406-2410 Jl '61

PYRRHOTITE

Colloform structures occurring during the disulfidation of pyrrhotite in the oxidation zone of sulfide deposits. IU V Komarov Zap Vost -Sib. otd Vses min. ob-va no 1.101-103 '59

PYRUVIC ACID

Serine synthesis from hydroxypyruvic acid in plants. V I. Kretovich. Dok AN SSSR 139 no 2.488-490 Jl '61

PYRYLIUM COMPOUNDS

Pyrylium compounds having active methyl groups. Part I. Reactions of 2-methyl-4, 6-diphenyl pyrylium ferrichloride and 1, 2-dimethyl-4, 6-diphenyl pyridinium iodide with benzaldehyde and p-dimethylaminobenzaldehyde N. V. Khromov-Borisov, L. A. Gavrilova Zhur. ob. khim. 31 no. 7:2192-2198 Jl '61

Q FEVER

Experimental study of possible methods of infection of marmots with Q fever and their excretion of the pathogen into the external environment [with summary in English]. V. G Evdoshenko, E. A. Kichatov, T. L. Propeshnaia. Vop. virus. 7 no. 3:353-358 My-Je '61.

Q fever and ornithosis in wild birds [with summary in English]. N. N. Basova and others Vop virus. 6 no. 5: 586-591 S-O '60.

QUADRUPOLE MOMENTS see Electric moments

QUAILS

Quail and the kite. V. P. Gerasimov. Doshk. vosp. 34 no 7:93-95 Jl '61

QUALITY CONTROL

Our motto is: high quality and durability. Sov. profsoiuzy 17 no. 16:25 Ag '61.

Sokolovskii, A. F., and V. P. Evstigneev. [Production quality] Kachestvo produktsii. Moskva, Izd-vo "Znanie," 1961. 46 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, Ekonomika, no. 14)

QUANTUM ELECTRODYNAMICS

Excitation spectrum of a particle system in an external field [with summary in English]. V. M. Eleonskii. Zhur. eksp. i teor. fiz. 40 no. 4:1143-1147 Ap '61.

QUANTUM FIELD THEORY

Effect of recoil on the interaction of two particles in the nonrelativistic quantum field theory [with summary in English]. A. V. Tutub. Zhur. eksp. i teor. fiz. 40 no. 2: 488-490 F '61.

Establishing a quantum-field deuteron theory. A. N. Kushnirenko Izv. vys ucheb. zav.; fiz. no. 2:52-54 '61.

Fermion mass in the γ_5-invariant model in the quantum field theory B A Arbuzov, A N. Tavkhelidze, R N Faustov Dokl AN SSSR 139 no 2:345-347 Jl '61

Nature of the singularities of amplitudes in quantum field theory [with summary in English] A P. Rudik Zhur. eksp i teor fiz 40 no 5,1473-1475 My '61

Relation between the partial amplitude equations and equations for spectral functions [with summary in English]. IU A Simonov Zhur eksp. i teor. fiz 40 no. 2:626-627 F '61

Relativistic model of the field theory which admits an exact solution [with summary in English] D. A Kirzhnits, S A Smolianskii Zhur eksp i teor fiz 41 no 1 205-208 Jl '61.

Some applications of the method of the fusion of nonlinear fields D. I'. Kurdgelaidze Izv vys uchob zav , fiz no 1 3-16 '61

Theory of the superfluidity of an imperfect Fermi gas [with summary in English] L. P Gor'kov, T k Melik-Barkhudarov. Zhur eksp i teor fiz 40 no 5 1452-1458 My '61

QUANTUM STATISTICS

Effect of the quantization of the energy of particles in a finite volume on the thermodynamic values of a Fermi gas. F I Itskovich Izv. vys ucheb zav., fiz no. 2 13-23 '61.

QUANTUM THEORY

Application of group theory to quantum chemistry. Part 2. Examples of problems solved by a simplified group theory method [with summary in English] O S Davtian. Zhur fiz. khim. 34 no 2 295-305 F '60

Gauge invariant formulation of neutral vector field theory [with summary in English] V. I. Ogievetskii, I. V. Polubarinov Zhur eksp i teor fiz 41 no 1:247-255 Jl '61

Number of eigenvalues in the problem of quantum dispersion (comments on an article by T Ikeho) [with summary in English] M Sh Birman Vest. LGU no 13 163-166 '61

Philosophical problems of quantum mechanics in the light of V. I. Lenin's work "Materialism and empiriocriticism." V. A Zhdanov Trudy TGU 140 150-156 '60

Physical meaning of negative probabilities [with summary in English]. J. P. Vigier, IA P. Terletskii, Zhur. eksp. i teor. fiz. 40 no 2:508-512 F '61.

Positron annihilation in sulfur, selenium, and silicon [with summary in English]. K. A. Baskova, N. S. Dzhelepov, Z. A. Komissarova. Zhur. eksp i teor. fiz 40 no. 4:1001-1003 Ap '61.

Unstable particle in the Lee model [with summary in English]. IA. B. Zel'dovich. Zhur. eksp i teor fiz 40 no. 4:1155-1159 Ap '61.

Using indirect transitions in semiconductors for determining states with negative absorption coefficients [with summary in English] N. G. Basov, O. N. Krokhin, IU M Popov. Zhur. eksp. i teor. fiz. 40 no 4:1203-1209 Ap '61.

What is the graviton? Priroda 50 no. 8:123-124 Ag '61.

QUARRIES AND QUARRYING—HYGIENIC ASPECTS

Two miners. IA. Farfel'. Okh. truda i sots strakh 4 no. 7 17-19 Jl '61.

QUARTZ

(see also subdivision under Lyubim District, Prechistoye District, Yaroslavl Province; Tien Shan)

Composition of quartz sands and its characteristics in the light of industrial requirements. A. M. TSekhomskii Mat. VSEGEI. Ob. ser no. 29:161-176 '60.

Problem of the stratigraphic position and age of the so-called "Oncophora beds" in the northern Yergeni Hills [with summary in English]. V. P. Kazakova, G. P. Leonov. Biul. MOIP. Otd. geol. 36 no. 2:39-62 Mr-Ap '61.

Thermometric studies of solution inclusions in quartz of crystal-bearing veins. IA. N. Sokolov. Mat. VSEGEI. Ob ser. no. 29:129-149 '60

QUARTZ CRYSTALS see subdivision under Ural Mountains

QUARTZ DIORITE

Relationship between the chemical and mineral composition of rocks of the quartz-diorite and granodiorite family. A. P. Grudev. Biul. MOIP. Otd. geol. 36 no. 2:131-132 Mr-Ap '61.

QUARTZITE see subdivision under Karaganda Basin

QUARTZITE—MAGNETIC PROPERTIES see subdivision under Krivoy Rog region

QUICHÉ LITERATURE—HISTORY AND CRITICISM

A literary monument of the ancient Quichés ("Popol-Vuh") Translated from the Quiché and commented by R. V. Kinzhalov. Reviewed in English by D. Sergeev. Vest ist. mir kul't. no. 3 154-155 My-Je '61.

QUILLWORT see subdivision under Maritime Territory

QUINOLINE

Effect of the nitrogen function of 4-ketodecahydroquinoline on the relative stability of cis- and trans-isomers. E. A. Mistriukov, V. F. Kucherov. Izv. AN SSSR. Otd. khim. nauk. no. 7: 1343-1344 Jl '61.

Schotten-Baumann inverse reaction and stereochemistry of decahydroquinoline and its derivatives. E. A. Mistriukov, V. F. Kucherov. Izv. AN SSSR. Otd. khim. nauk. no. 7: 1345-1346 Jl '61.

QUINONES

Electron paramagnetic resonance study of the interaction of tumor and normal cells with semiquinone ion radicals originating from the inhibitors of free-radical processes [with summary in English]. A. E. Kalmanson, L. P. Lipchina, A. G. Chetverikov. Biofizika 6 no. 4: 410-423 '61.

RABBIT BREEDING

School rabbit breeding. A. IA. Ivantsov. Biol. v shkole no. 3: 82 My-Je '61.

RABBITS

Effect of atrazine and simazine on rabbits [in Armenian with summary in Russian]. S. E. Torosian, E. E. Tevosian. Izv. Upr. sel'khoz. nauki Arm. SSR 4 no. 2: 97-99 '61.

Effect of liver extract on weight gains in rabbits [in Armenian with summary in Russian]. M. M. Leonov, M. P. Manvelian, A. E. Gegamian. Izv. Upr. sel'khoz. nauki Arm. SSR 4 no. 3: 97-99 '61.

Taking care of rabbits on a school rabbit farm. P. S. Golubkin. Biol. v shkole no. 4: 80-81 Jl-Ag '61.

RABIES

Blinkin, S. A. [Fight for a great discovery] Bor'ba za velikoe otkrytie. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 48 p. (Nauchno-populiarnaia meditsinskaia literatura)

Problem of the allergic nature of paralysis appearing after the administration of rabies vaccine [with summary in French]. A. M. Iurkovskii, L. I. Revkina, A. A. Zhukova. Zhur. nevr. i psikh. 61 no. 3: 374-381 '61.

RACE DISCRIMINATION see subdivision under South Africa, Union of

RACE HORSES

Tale of Zaneg. Oleg Shmelev. Ogonek 39 no. 20: 25-27 Jl '61.

RACING

Spartakiada of millions. Smena 38 no. 9: 24 My '61.

RADAR

Distinguishing the brightness of signals with presence of background noise. I. L. Zel'manovich. Radiotekhnika 16 no. 8: 75-80 Ag '61.

Transperiodic compensation of passive interference. E. I. Imas. Vest. protivovozd. obor. no. 1: 55-58 Ap '61.

RADAR, MILITARY

All are experts in the section. I. Lavrukhin. Starsh. serzh. no. 4: 22 Ap '61.

Microwave radar system. Vest. protivovozd. obor. no. 3: 51 Mr '61.

Producing junior specialists. G. Gorasimenko. Voen. vest. no. 9: 63-66 S '60.

Radar detection of targets beyond the horizon; from the foreign press. K. N. Trofimov. Vest. protivovozd. obor. no. 3: 51-55 Mr '61.

Repair practice for students. V. F. Shitiaev. Vest. protivovozd. obor. no. 3: 68-69 Mr '61.

A restless man; a sketch. A. Mal'kov. Komm. Vooruzh. Sil 1 no. 1: 52-56 O '60.

RADAR IN ASTRONOMY

Radar method of determining the coefficient of electron union with neutral molecules in the region of the meteor zone. E. I. Fialko. Geomag. i aer. 1 no. 2: 209-212 Mr-Ap '61.

Radar observations of the Geminid meteor shower in 1958. A. T. Belous, A. P. Savrukhin, IU. A. Inozemtsev. Izv. AN Turk. SSR. Ser. fiz.-tekh., khim. i geol. nauk no. 3: 23-27 '61.

Radio location of Venus. Kul't. i zhizn' 5 no. 7: 30 '61.

RADIANT HEATING

Designing a heating panel by the method of equivalent cylindrical walls. L. I. Kudriashev, E. V. Shchiborev. Sbor. nauch. trud. Kuib. indus. inst. no. 5: 207-210 '59.

High temperature radiant heating. A. Khudenko. Zhil.-kom. khoz. 11 no. 7: 24-25 Jl '61.

RADIATION

Conversion of the oxidative component of radiolysis in the nitrate - water system. M. A. Proskurnin and others. Dokl. AN SSSR 139 no. 2: 410-413 Jl '61.

Diamagnetic perturbations in media due to ionizing radiation [with summary in English]. G. A. Askar'ian. Zhur. eksp. i teor. fiz. 41 no. 1: 186-189 Jl '61.

Electron paramagnetic resonance spectra and the kinetics of accumulation of products formed during the radiolysis of frozen aqueous sodium nitrate solutions [with summary in English]. V. A. Sharpatyi, IU. N. Molin. Zhur. fiz. khim. 35 no. 7: 1465-1473 Jl '61.

The 1 1/2 law on the radiolytic oxidation of iron ions by hydrogen atoms, and the mechanism of the process. B. V. Ershler, V. G. Firsov. Dokl. AN SSSR 139 no. 3: 662-664 Jl '61.

Investigating the radiation from Zn^{63} [with summary in English]. S. S. Vasil'ev, Ne Sen-chan [Ne Sêng-ch'ang], L. IA. Shavtvalov. Zhur. eksp. i teor. fiz. 40 no. 2: 475-476 F '61.

Magnetic analyzers of radiation spectra [with summary in English]. E. K. Zavoiskii, V. A. Skoriupin. Zhur. eksp. i teor. fiz. 40 no. 2: 426-432 F '61.

Oxidation and reduction induced by radical products formed in the radiolysis of organic compounds. V. A. Larin, N. A. Bakh. Dokl. AN SSSR 139 no. 2: 406-409 Jl '61.

Particles loss in electron accelerators due to quantum fluctuations of the radiation (phase oscillations). S. A. Khelfets, IU. F. Orlov, G. V. Gendzhoian. Zhur. tekh. fiz. 31 no. 7: 824-829 Jl '61.

Polarization of recombination radiation [with summary in English]. B. A. Lysov, L. P. Belova, L. I. Korovina. Zhur. eksp. i teor. fiz. 40 no. 4: 1160-1165 Ap '61.

Possibility of recording gravitational radiation under laboratory conditions. V. B. Braginskii, G. I. Rukman. Zhur. eksp. i teor. fiz. 41 no. 1: 304-305 Jl '61.

Strength of irradiated oriented and not oriented nylon (from "Journ. Polymer Sci," no. 113, 1960). Plast. massy no. 7: 73 '61.

RADIATION—DOSAGE

Dosimetry in external alpha irradiation. G. B. Radzievskii. Radiobiologiia 1 no. 1: 141-148 '61.

RADIATION—MEASUREMENT

Quantum counters [with summary in English]. A. M. Prokhorov. Zhur. eksp. i teor. fiz. 40 no. 5: 1384-1386 My '61.

RADIATION—PHYSIOLOGICAL EFFECT

Effect of ionizing radiation on the mitotic activity of cell populations during the stage of exponential growth. A. D. Strzhizhovskii. Radiobiologiia 1 no. 1: 104-111 '61.

Effect of the radiation dose on the electric conductivity of the rat brain. Z. I. Apanasenko. Radiobiologiia 1 no. 1: 45-51 '61.

Experimental study of the role of free radicals and the direct effect in the primary mechanism of the radiation effect. B. N. Sidorov, N. P. Dubinin, N. N. Sokolov. Radiobiologiia 1 no. 2: 161-171 '61.

Increase in the amount of protein in the moisture of the camera oculi anterior following action of ionizing radiation on the body [with summary in English]. N. I. Arlashchenko. Oft. zhur. 16 no. 4: 233-237 '61.

Radiation which counteracts radiation. V. Baraboi. Tekh. mol. 29 no. 6: 5-7 '61.

Radiosensitivity of actinomycetes strains and species as related to the structural characteristics of their nuclear elements. A. A. Prokof'eva-Bel'gorskaia, O. N. Kapitonova, Z. B. Shamina. Radiobiologiia 1 no. 1: 112-118 '61.

Role of radiation injury of intracellular interfaces in the biological effect of ionizing radiations. A. G. Pasynskii. Radiobiologiia 1 no. 1: 3-9 '61.

Toxic effect of oleic acid and its oxidation products; cytotoxic factor in radiation injury of animals. IU. B. Kudriashov and others. Radiobiologiia 1 no. 1: 78-85 '61.

RADIATION COUNTERS see Nuclear counters

RADIATION PROTECTION

Biberga1', A. V., U. IA. Margulis, and E. I. Vorob'ev. [Protection against X-rays and gamma rays] Zashchita ot rentgenovskikh i gamma-luchei. Pod red. K. K. Aglintseva. Izd. 2, perer. i dop. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 273 p.

Effect of protective agents and hypoxia on the formation of organic peroxides. E. F. Romantsev, Z. I. Zhulanova. Radiobiologiia 1 no. 1: 73-77 '61.

Effect of protective substances on the mitotic activity of the corneal epithelium in irradiated mice. O. P. Domareva. Radiobiologiia 1 no. 2: 278-282 '61.

Effect of radiation protective agents on the surface layer of erythrocytes. K. S. Trincher, A. M. Kuzin. Radiobiologiia 1 no. 1: 30-36 '61.

Possibility of using tissue hemolysins as indicators of the effectiveness of radiation protective preparations. V. V. Antipov. Radiobiologiia 1 no. 1: 86-92 '61.

Protective effect of cysteine hydrochloride in radiation desamination of glycine in aqueous solutions. N. A. Duzhenkova. Radiobiologiia 1 no. 2: 283-287 '61.

Radiation protective effect of some agents and the "oxygen effect." E. IA. Graevskii, M. M. Konstantinova. Radiobiologiia 1 no. 2: 270-277 '61.

RADIATION SICKNESS

"Blood cells in radiation sickness; an atlas" by M. S. Lapteva-Popova and others. Reviewed by V. A. Germanov. Lab. delo 7 no. 6: 57-58 Je '61.

Combined radiation injuries; burns combined with radiation sickness. A. A. Gukasian. Voen.-med. zhur. no. 8: 57-60 Ag '60.

Evolutionary complication of radiation aftereffects and role of the nervous system in radiation sickness. A. L. Shabadash. Radiobiologiia 1 no. 2: 212-222 '61.

Experimental data on the effect of antibiotics on certain manifestations of acute radiation sickness [with summary in English]. E. G. Dolgov. Antibiotiki 6 no. 5: 402-406 My '61.

Formation of organic peroxides in the rat organism at different stages of radiation sickness. Z. I. Zhulanova. Radiobiologiia 1 no. 1: 70-72 '61.

Gorizontov, P. D., ed. [Problems in the pathogenesis, experimental treatment, and prevention of radiation sickness] Voprosy patogeneza, eksperimental'noi terapii i profilaktiki luchevoi bolezni. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 431 p. (DNLM)

Morphological changes in the central nervous system of dogs during the initial stages of chronic radiation sickness. A. G. Khanin. Radiobiologiia 1 no. 2: 227-232 '61.

Use of bone marrow transplantation in the combined treatment of radiation sickness. I. R. Petrov, L. V. Il'inskaia, T. N. Astakhova. Vest. AMN SSSR 16 no. 7: 68-71 '61.

RADIATION STERILIZATION

Problem of the hygienic evaluation of the quality of meat irradiated with ionizing radiations [with summary in English]. I. M. Buznik. Vop. pit. 19 no. 2: 63-69 Mr-Ap '60.

RADIATORS

Zal'tsman, L. M., and N. V. Luk'ianov. [Manufacturing and installing stamped steel radiators] Opyt izgotovleniia i montazha stal'nykh shtampovannykh nagrevatel'nykh priborov. Leningrad, 1961. 21 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila Stroitel'naia promyshlennost', no. 7)

RADICALS (CHEMISTRY)

Calculation of the spin-lattice relaxation time for radicals in molecular crystals [with summary in English]. I. V. Aleksandrov, G. M. Zhidomirov. Zhur. eksp. i teor. fiz. 41 no. 1: 127-132 Jl '61.

Experimental study of the role of free radicals and the direct effect in the primary mechanism of the radiation effect. B. N. Sidorov, N. P. Dubinin, N. N. Sokolov. Radiobiologiia 1 no. 2: 161-171 '61.

Free radical separation by paper chromatography. A. L. Buchachenko, M. B. Neiman. Dokl. AN SSSR 139 no. 1: 916-918 Ag '61.

Free radicals. L. A. Nikolaev. Khim. v shkole 15 no. 3: 19-28 My-Je '60.

Methods of investigating radical reactivity [with summary in English]. P. G. Maslov. Zhur. fiz. khim. 35 no. 7: 1551-1557 Jl '61.

Oxidation and reduction induced by radical products formed in the radiolysis of organic compounds. V. A. Larin, N. A. Bakh. Dokl. AN SSSR 139 no. 2: 406-409 Jl '61.

Radical exchange between tertiary alcohols and corresponding hydrocarbons in the presence of sulfuric acid. G. G. Petukhov, R. F. Galiulina. Zhur. ob. khim. 31 no. 7: 2159-2161 Jl '61.

RADIO

(see also subdivision under Antarctic regions)

Fortieth anniversary of the Pioneer organization. Radio no. 4: 4 Ap '61.

Our consultations. Radio no. 5: 60-62 My '61.

[Radio engineering abroad.] Zarub. radioelek. 16 no. 8: Ag '61.

School of radioelectronics. B. Robul. Radio no. 5: 13 My '61.

Story of a letter. V. A. Smol'ianinov. Radio no. 4: 5-7 Ap '61.

Through the pages of foreign magazines. Radio no. 5: 53-55 My '61.

Towards new accomplishments of Soviet radio. Radio no. 5: 1-2 My '61.

RADIO—ABSTRACTS

[Automatic control and radio engineering.] Ref. zhur.: Avtom. i radioelektr. no. 8: Ag '61.

RADIO—ANTENNAS

Wave duct with six elements. K. Kharchenko. Radio no. 5: 41-42 My '61.

RADIO—BIBLIOGRAPHY see Bibliography—Radio

RADIO—COMPETITIONS

New competition rules for radio amateurs. N. Kazanskii. Radio no. 5: 16 My '61.

RADIO—EQUIPMENT AND SUPPLIES

Attachment for apparatus for testing radio tubes. I. E. Brytkov. Vest. protivovozd. obor. no. 5: 65-66 My '61.

Heterodyne resonance indicator. K. Fakhtel. Radio no. 5: 49 My '61.

Resonance indicator. V. Kozlov. Radio no. 4: 45 Ap '61.

Through the pages of foreign magazines. Radio no. 4: 55-56 Ap '61.

RADIO—INTERFERENCE

Approximating formula of the rule of amplitude distribution of the envelope of atmospheric radio interferences IA I Likhter Geomag. i aer 1 no 2 281 Mr-Ap '61.

Observations of whistling atmospherics Oldrzich Praus Inform biul Sov antark eksp no 27 32-35 '61

Research on atmospherics in the U S S R. during 1957-1959 IA. I. Likhter, Geomag i aer. 1 no 2 228-231 Mr-Ap '61.

Use of a method for the extrapolation of a signal in the suppression of impulse interference A. A Gorbachev, M I Vinogradov Radiotekhnika 16 no 8 48-53 Ag '61

RADIO—RECEIVERS AND RECEPTION

"Kazan-2" radio-phonograph and magnetic tape recorder combination A Khalamez. Radio no 4 22-25 Ap '61

Our consultations Radio no 4 61-63 Ap '61

RADIO—REPAIRING

Repaired by amateurs. A. Chalov and others. Radio no. 5 46 My '61.

RADIO—STUDY AND TEACHING

Development of specific qualities of thinking in future specialists. M A. Zgut Sred spets obr 8 no 6 6-13 Je '61

RADIO—TERMINOLOGY

Draft project on terminology in the theory of reliability in the field of radio electronics V I Siforov. Radiotekhnika 16 no. 7 77 Jl '61.

RADIO—TRANSMITTERS AND TRANSMISSION

Experimental investigation of a two-frequency single-tube autogenerator with two degrees of freedom N I. Shtein, Z P. Matorova. Trudy NIIGMP no. 9 115-118 '60.

Theory and design of two-frequency single-tube radio transmitters with two degrees of freedom N. I. Shtein. Trudy NIIGMP no 9 107-114 '60

RADIO, MILITARY

Challenge prize among initiators of a patriotic movement. I N Lavrukhin Vest. protivovozd. obor no. 3 44-47 Mr '61.

Everyone can achieve this. V. V. Pavlov. Vest. protivovozd. obor. no 3:56-59 Mr '61.

Interesting for those not in communications as well ("Meteoric radio communication" by M N. Arone. Book review) Starsh -serzh no. 4 29 Ap '61

Let us have excellent radio communications systems I A Lukerchik. Vest. protivovozd obor no 5 72 My '61

Radio communications in motion. R. Meichik. Voen. vest. 40 no. 4 93-97 Ap '61.

Snipers of the ether. Sov. voin 43 no. 8 24-25 Ap '61.

Supplying ultrashort-wave radio stations from an a. c. network. O. G Antonov. Vest. protivovozd. obor. no. 3. 59 Mr '61.

Ways to success. I. M. Korbach. Vest. protivovozd. obor. no. 4 50-54 Ap '61.

RADIO, MILITARY—STUDY AND TEACHING

Commander with initiative, skillful teacher. V. R Slobozhanin. Vest. protivovozd obor. no 5, 73-75 My '61.

Improve the training of radio specialists. Vest. protivovozd. obor. no 5 71 My '61

Radiomen in the field V. Zaitsev. Starsh -serzh no. 4 12-13 Ap '61

Training the radio gunner. N. Kushnarev. Starsh. -serzh. no. 4 20 Ap '61.

RADIO, SHORTWAVE

Beyond the zone of definite reception. Radio no. 4 26-27 Ap '61.

Exchange of experience. L. Saltanov, IU. Evgen'ev, B Sidorov. Radio no. 4, 54 Ap '61.

Features of tropospheric radio communications; from the foreign press. I. V. Chaplygin. Vest. protivovozd. obor. no. 4 66-70 Ap '61.

Microwave radio station and a broadcast receiver. I. Ignat'ev Radio no 4 35-36 Ap '61.

RADIO, SHORTWAVE—ANTENNAS

Effect of a vertical antenna radiation pattern on the field strength of radiowaves on closed routes. M T Turusbekov, L. A. Zhizhimov Izv. AN Kir. SSR. Ser est. i tekh. nauk 3 no 1:127-129 '61

RADIO, SHORTWAVE—RECEIVERS AND RECEPTION

Automatic volume control in microwave FM receivers. A. Akimov. Radio no. 5, 27 My '61.

Radio receiver for the 28-29.7 mc. band. A. Bogosian. Radio no. 5:28-29 My '61.

RADIO ASTRONOMY

Effect of "small" solar flares accompanied by type IV radiobursts. E. V. Kolomeets. Geomag i aer. 1 no. 1, 41-44 Ja-F '61.

Some properties of radiobursts of type IV as related to the conditions of the generation of corpuscular streams affecting the earth. S. T. Akin'ian, E. I. Mogilevskii. Geomag. i aer. 1 no. 2:156-163 Mr-Ap '61.

RADIO CIRCUITS

Operating models of radio circuit elements. V. V. Dudov, I. M. Makarenko. Vest. protivovozd obor. no. 4 21-23 Ap '61.

RADIO CLUBS

Brief news Radio no 4 11 Ap '61

Worthy replacements M Zozulia Radio no 4 14-15 Ap '61.

Young technicians of our motherland Radio no 5 14 My '61.

RADIO DIRECTION FINDERS

Radio direction finding receiver operating on 144 to 146 mc I Shalimov Radio no 4 37-38 Ap '61

RADIO FILTERS

Concerning certain relationships of an FM discriminator with series connected rectifiers having a common d. c. loop IU L. Mazor. Radiotekhnika 16 no 8 51-57 Ag '61.

Different forms of the 2T-RC filter. V L Zmudikov. Radiotekhnika 16 no. 8 41-47 Ag '61.

RADIO-FREQUENCY COSMIC RADIATIONS see Cosmic radiations, Radio-frequency

RADIO IN AERONAUTICS

Radio aid for flights. I. Borisenko. Kryl. rod. 12 no. 4: 20 Ap '61.

RADIO IN INDUSTRY

They built a rediffusion station themselves I. M. Dronkin Neftianik 6 no 7:32 Jl '61

Using radio communication in construction P. I. Lavrenko, Sh S Patent Mekh stroi 18 no 5,18-20 My '61.

RADIO IN NAVIGATION

Belobrov, A. P. [Radio navigation phase systems in hydrography and oceanography] Fazovye radionavigatsionnye sistemy v gidrografii i okeanologii. Leningrad, Gidrometeor. izd-vo, 1961. 169 p.

RADIO JOURNALISM

(see also subdivision under Chernovtsy)

Important, useful, and interesting notes. Blok. agit. [Sov. Armii] no. 21:34 Jl '61.

RADIO LINES

Finkel'shtein, M. I. [Artificial lines] Iskusstvennye linii. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 84 p. (Radiolokatsionnaia tekhnika)

Transfer characteristic of a coaxial system with periodic structure. S I Viglin Radiotekh i elektron. 6 no 8: 1308-1315 Ag '61

RADIO MEASUREMENTS

Measurement of weak radio signals V. F. Nesteruk Trudy LKI no 29 245-249 '59

New designations of radio measurement devices V. Mavrodiadi Radio no. 4 53-54 Ap '61.

RADIO OPERATORS

(see also subdivision under Astrakhan Province; Chukchi Peninsula)

All-Union Spartakiada. Radio no. 5 15 My '61.

Our suggestions. M. Sturis Radio no 4 15 Ap '61

Outstanding radio amateurs in 1960. Radio no. 5:11 My '61.

Rural radio operators were second A Mstislavskii. Radio no 4 18 Ap '61.

The textbook ("Work of a radio operator" by O. V. Dobronevs'kyi, V. O. Savanchuk Reviewed by B P. Stasiuk) Rad abk 40 no 8 90-91 S '61

They proved to be the strongest. Radio no. 4 9-10 Ap '61

RADIO RELAY SYSTEMS

Overcoming distances. Nauka i zhizn' 28 no. 6:80 Je '61.

RADIO RELAY SYSTEMS—NOISE

Accumulation of noises and fading in single-band radio relay lines. V. I. Siforov, A. V. Prosin Radiotekhnika 16 no 8 3-5 Ag '61.

RADIO STATIONS

Greatest scientific feat. Radio no. 4 1-2 Ap '61.

RADIO WAVES

Electromagnetic field and current distribution along an infinite insulated wire in a conductive medium. P. P. Pavlov. Radiotekh i elektron. 6 no. 8:1293-1307 Ag '61.

Incoherent radio emission originating during the motion of charged particles in the earth's magnetic field [with summary in English]. E. A. Benediktov, V. IA Eidman Izv vys. ucheb. zav ; radiofiz. 4 no 2 253-258 '61

Some results of field intensity measurements at frequencies of 49, 75, 56, 25, and 71, 4 mc, taken behind obstructions in mountain terrain. S Amanov. Izv. AN Kir. SSR Ser. est. i tekh. nauk 3 no. 1:109-113 '61.

Statistical analysis of optimum resolution. IA. D. Shirman. Radiotekh. i elektron. 6 no. 8:1237-1246 Ag '61.

RADIO WAVES—DIFFRACTION

Consideration of the radiation pattern of antennas in the diffraction of radio waves around the Earth N. A Armand, B. A Vvedenskii Radiotekh i elektron. 6 no. 8, 1219-1227 Ag '61.

Transverse diffusion during diffraction on an impedance cylinder with a large radius Part 1: Parabolic equation in beam coordinates G D Malyuzhinets, I A. Vainshtein Radiotekh i elektron. 6 no. 8 1247-1258 Ag '61

RADIOACTIVE PROSPECTING

Applying the principles of similitude to the solution of problems in borehole radiometry Sh. A Guberman. Izv. AN SSSR. Ser geofiz no. 8:1103-1108 Ag '61

Spectral methods of determining the nature of anomalies in selective logging. G M. Voskoboinikov, V. I Urkin, IU B Burdin Izv AN SSSR Ser. geofiz. no 8:1141-1149 Ag '61.

RADIOACTIVE SUBSTANCES

(see also subdivision under Azov, Sea of; Black Sea; Bulgaria)

Concerning the kinetics of the leaching of radioactive elements from minerals. K F. Lazarev Radiokhimiia 3 no. 3, 359-364 '61.

Device for storing radioactive substances. Atom. energ. 11 no. 1:89 Jl '61.

International Conference on the Peaceful Uses of Atomic Energy. 2d, Geneva, 1958. [Transactions. Selected reports by foreign scientists. Izbrannye doklady inostrannykh uchenykh] Moskva, Izd-vo Glav. uprav. po ispol'zovaniiu atomnoi energ. pri Sovete Ministrov SSSR,

Vol. 5. [Chemistry of radioactive elements and of radiation transformations] Khimiia radioelementov i radiatsionnykh prevrashchenii. Pod obshchoi red. A. P. Vinogradova. 1959. 715 p.

Migration of radioactive elements and its role in the development of the lithosphere V V. Ploticovskii Trudy MIIGAIK no. 44:23-33 '61.

RADIOACTIVE SUBSTANCES—DECAY

$K^+ \rightarrow \pi^+ + \pi^0 + e^+ + e^-$ decay [with summary in English]. I. G. Ivanter Zhur. eksp. i teor. fiz. 41 no 1: 244-246 Jl '61.

Radiative corrections to β-decay [with summary in English] B V. Geshkenbein, V. S. Popov. Zhur. eksp. i teor. fiz. 41 no. 1, 199-204 Jl '61.

RADIOACTIVE SUBSTANCES—TRANSPORTATION

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po ispol'zovaniiu atomnoi energii. [Rules for the transportation of radioactive substances] Pravila perevozki radioaktivnykh veshchestv. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhniki, 1961. 64 p.

RADIOACTIVE TRACERS

Determination of relative adsorption coefficients by isotopic dilution G V. Ioguilanta, A. A. Rafandin, E. I. Popov. Dokl. AN SSSR 139 no. 1:130-141 Jl '61.

Determination of the isotope effect in the assimilation of labeled carbon dioxide in the process of photosynthesis and chemosynthesis [with summary in English] IU I Sorokin. Mikrogiologiia 29 no. 2:294-300 Mr-Ap '60

Gusev, A. A. [Using the radioactive indicator method in sanitary engineering] Opyt primeneniia metoda radioaktivnykh indikatorov v sanitarnoi tekhnike, stenogramma lektsii. Leningrad, 1961. 45 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Serila: Stroitel'naia promyshlennost')

Studying the structure of porous media by the radioactive tracer method [with summary in English]. N. V. Churaev, N. I. Gamaiunov. Inzh.-fiz. zhur. 4 no. 6:106-111 Je '61.

RADIOACTIVE WASTE DISPOSAL

Radiocontamination in the EBWR reactor. V. Beholovich. Atom. energ. 11 no. 1:87-88 Jl '61.

RADIOACTIVITY

Belousova, I. M., and IU. M. Shtukkenberg. [Natural radioactivity] Estestvennaia radioaktivnost'. Pod red. A. I. Burnaziana. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 218 p.

Goncharskii, L. A. [Radioactive phenomena] Radioaktivnye iavleniia; lektsiia-konsul'tatsiia po fizike dlia studentov II kursa vsekh spetsial'nostei. Moskva, Vses. zaochnyi in-t inzhenerov zhel-dor. transp., 1960. 30 p.

RADIOACTIVITY—INSTRUMENTS

Industrial devices using radioactive materials. Prom. energ. 16 no. 5:62-63 My '61.

RADIOACTIVITY—PHYSIOLOGICAL EFFECT

Why does optical glass darken? N. Lebedev. Starsh.-serzh. no. 2:27 F '61.

RADIOBIOLOGY

International Conference on the Peaceful Uses of Atomic Energy, 2d, Geneva, 1958. [Transactions. Selected reports by foreign scientists. Izbrannye doklady inostrannykh uchenykh] Moskva, Izd-vo Glav. uprav. po ispol'zovaniiu atomnoi energ. pri Sovete Ministrov SSSR.
Vol. 9. [Radiobiology and radiation medicine] Radiobiologiia i radiatsionnaia meditsina. Pod obshchei red. A. V. Lebedinskogo. 1959. 515 p.

RADIOBIOLOGY—CONGRESSES

International symposium on primary and initial processes occurring in living cells during the action of ionizing radiation (Moscow, October 1960) V. I. Tokarskaia Radiobiologiia 1 no 2:312-318 '61.

RADIOCHEMISTRY

Effect of acidity on the yield of chemical radiation reactions. V. N. Shubin, P. I. Dolin Dokl. AN SSSR 139 no 1:154-157 Jl '61

International Conference on the Peaceful Uses of Atomic Energy, 2d, Geneva, 1958. [Transactions. Selected reports by foreign scientists. Izbrannye doklady inostrannykh uchenykh] Moskva, Izd-vo Glav. uprav. po ispol'zovaniiu atomnoi energ. pri Sovete Ministrov SSSR.
Vol. 5. [Chemistry of radioactive elements and of radiation transformations] Khimiia radioelementov i radiatsionnykh prevrashchenii. Pod obshchei red. A. P. Vinogradova. 1959. 715 p.

RADIOFREQUENCY SPECTROSCOPY

Concerning the sensitivity of a radiospectroscopy system using a VHF generator [with summary in English] O. G. El'sting Izv. vys. ucheb. zav., radiofiz. 4 no 2:263-266 '61

RADIOGRAPHY

"Clinical roentgenography" by L. S. Semashko. Reviewed by V. N. Shtern. Vest. rent. i rad. 36 no. 3:71-73 My-Je '61.

Radioscopic study of magnesites from the Shor-Su mine. V. A. Gubanova, A. V. Poltavskii, N. S. Skiba Izv. AN Kir. SSR Ser. est. i tekh. nauk 3 no. 1:107-108 '61.

Some technical advice on the use of fluorograms. G. I. Firsov. Vest. rent. i rad. 36 no. 3:55-57 My-Je '61

RADIOISOTOPES

Assimilation of radioactive elements by bacteria Report No. 1: Penetration of radioactive elements through the bacterial membrane. V. S. Petrus, O. P. Kasatkina, I. U. Retsenych. Mikrobiol. zhur. 23 no. 2:63-67 '61

Concentration of radioisotopes by means of gelatin foaming. V. V. Pushkarev. Radiokhimiia 3 no. 4:498-500 '61.

In the world of radioactive isotopes. I. P. Tiflinskii. Priroda 50 no. 8:117 Ag '61

Interaction of half-burnt dolomite with radioisotopes under dynamic conditions. S. A. Voznesenskii and others. Radiokhimiia 3 no. 4:510-511 '61.

International Conference on the Peaceful Uses of Atomic Energy, 2d, Geneva, 1958. [Transactions. Selected reports by foreign scientists. Izbrannye doklady inostrannykh uchenykh] Moskva, Izd-vo Glav. uprav. po ispol'zovaniiu atomnoi energ. pri Sovete Ministrov SSSR.
Vol. 10. [Production and use of isotopes] Poluchenie i primenenie izotopov. Pod obshchei red. G. V. Kurdiumova. 1959. 603 p.

Some mistakes in the investigation of coecrystallization and coprecipitation processes, connected with the radiochemical contamination of radioactive isotopes G. I. Goshtein. Radiokhimiia 3 no. 3:246-255 '61.

RADIOISOTOPES—ANALYSIS

Radioactivation method for determining the total of rare earth elements, manganese, nickel, copper, antimony, arsenic, molybdenum, cadmium, and gold in lithium compounds. V. R. Negina and others. Radiokhimiia 3 no. 4:473-477 '61.

RADIOISOTOPES—INDUSTRIAL APPLICATIONS

Cementing columns by reverse compaction with radioactive control A. K. Volzhin Neftianik 6 no 7:10-11 Jl '61.

IAkovlev, IU. V. [Quantitative determination of impurities in highly pure metals by means of radioactivation analysis] Kolichestvennoe opredelenie primesei v metallakh vysokoi chistoty metodom radionaktivatsionnogo analiza. Moskva, 1955. 16 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Iordan, G. G., V. B. Brodskii, and B. S. Sotskov. [Using radioactive isotopes for controlling technological processes] Primenenie radionaktivnykh izotopov dlia kontrolia tekhnologicheskikh protsessov. Moskva, 1955. 17 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Kurdiumov, G. V. [Using radioactive isotopes for studying diffusion and interatomic reaction in alloys] Primenenie radionaktivnykh izotopov dlia izucheniia diffuzii i mezhdunatomnogo vzaimodeistviia v splavakh. Moskva, 1955. 15 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Overall mechanization of the processes of carbamide resin manufacture. P. V. Ivakhnenko, V. N. Pozdnikov. Der. prom. 10 no. 7:9-11 Jl '61.

Samarin, A. M. [Using artifical radioactive isotopes for studying iron and steel production processes] Primenenie iskusstvenno-radioaktivnykh izotopov pri izuchenii protsessov proizvodstva stali i chuguna. Moskva, 1955. 20 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

RADIOLOGICAL SOCIETIES see subdivision under Irkutsk, Vilnius

RADIOLOGY, MEDICAL

In the subcommittee on roentgenology. Vest. rent. i rad. 36 no. 3:76-77 My-Je '61

Vsesoiuznyi s"ezd rentgenologov i radiologov, 7th, Saratov, 1956. [Transactions of the Seventh All-Union Congress of Roentgenologists and Radiologists] Trudy, Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 317 p. (DNLM)

RADIOLOGY, MEDICAL—CONGRESSES

First Congress of Roentgenologists and Radiologists in Bulgaria. A. V. Kozlova, G. G. Mitrov. Vest. rent. i rad. 36 no. 3:68-70 My-Je '61

RADIOLOGY, MEDICAL—PERIODICALS

Conference of readers of "Vestnik rentgenologii i radiologii," held in Kazan' M. Kh. Faizullin, I. Kh. Galimov Vest. rent. i rad. 36 no. 3:74 My-Je '61

RADIOMETER

Problem concerning the sensitivity of radiometers. G. P. Apushkinskii Radiotekh. i elektron. 6 no. 8:1328-1329 Ag '61.

Some deficiencies in the operation of a B-2 (r-f unit VSP) radiation meter equipped with a P-349-2 scintillation adapter IA. A. Musin. Izv. AN Kir. SSR Ser. est. i tekh. nauk 3 no. 1:153-155 '61

RADIOSONDES

Designing thermobimetallic elements for radiosondes. K. N. Manuilov Trudy NIIGMP no. 9:77-89 '60

Precision of air-temperature measurements with thermobimetallic pickups in atmosphere sounding K. N. Manuilov. Trudy NIIGMP no. 9:64-76 '60.

RADIOSPECTROSCOPY see Microwave spectroscopy

RADIOTELEGRAPH

Use of radiophototelegraphic apparatus in operative transmission of the materials of aerial oceanographic and ice observations. V. V. Betin, IU. V. Preobrazhenskii. Trudy GOIN no. 65:182-186 '60.

Verzunov, M. V. [Radiotelegraphy] Radiotelegrafirovanie. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 78 p. (Tekhnika sviazi)

RADIOTELEGRAPH—EQUIPMENT AND SUPPLIES

Automatic training key M. Balashov. Radio no. 4:39-41 Ap '61.

RADIOTELEGRAPH—STUDY AND TEACHING

Train radio operator-plotters. P. N. Flagin. Vest. protivovozd. obor. no. 5:61-62 My '61.

RADIOTHERAPY

Effectiveness of radiation ovarian castration as a method of treating patients with far advanced forms of breast cancer and postoperative prevention of metastases [with summary in English]. L. M. Gol'dshtein Vop. onk. 5 no. 11:536-546 '59.

Khatiashvili, T. [Comparative evaluation of methods for radiation treatment of lip cancer. Sravnitel'naia otsenka metodov luchevogo lecheniia raka gub. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR] 1959. 33 p. [In Georgian with summary in Russian.] (DNLM)

Radiotherapy breast cancer [with summary in English]. T. G. Larionshchenko. Vop. onk. 5 no. 11:529-535 '59.

Results of x-ray treatment of grade III and IV breast cancer [with summary in English]. A. Madejczyk Vop. onk. 5 no. 11:546-548 '59.

RADIUM—ANALYSIS

Rapid method of determining thorium, radium, and lead in accessory monazites. K. S. Ivanova. Radiokhimiia 3 no. 3:348-365 '61.

RADIUM—ISOTOPES

Utilization of ammonium fluoride and the tetraacetic substituted sodium salt of ethylenedinitrilo tetraacetic acid in determining radium and its isotopes. S. G. TSeitlin, P. I. Bykov. Radiokhimiia 3 no. 3:356-358 '61.

RADIUM—THERAPEUTIC USE

Late results of interstitial radium therapy for breast cancer [with summary in English]. V. I. IAnishevskii. Vop. onk. 5 no. 11:548-552 '59.

RADIUM CHLORIDE

Types of melting diagrams of the binary systems formed from alkali metal and radium chlorides. V. R. Klokman Radiokhimiia 3 no. 3:302-308 '61.

RADON—THERAPEUTIC USE

Central nervous system function in patients with cardiovascular diseases and its changes following treatment with hydrogen sulfide and radon baths G. E. Marantidi, K. G. Khvorostova. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 3:238-243 My-Je '61

Symposium on radon therapy. F. L. Leites Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 3:277-280 My-Je '61

RAFTS

Przhiemskii, IU. B. [Raft for a tourist voyage] Plot v turistskom puteshestvii. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1961. 94 p.

RAILROAD BRIDGES

Horizontal pressure of approach roadbed soils on the foundations of bridge abutments and retaining walls A. A. Luga. Transp. stroi. 11 no. 7:48-50 Jl '61

Reconversion of temporary railroad bridges. V. F. Kubikov, I. V. Fetisenkov Put' i put. khoz. 5 no. 4:28 Ap '61

RAILROAD BRIDGES—MAINTENANCE AND REPAIR

Improve the maintenance of bridges. N. I. Biryzhak. Put' i put. khoz. 5 no. 4:29 Ap '61

Improve the quality of bridge maintenance. V. I. Malinnikov Put' i put. khoz. 5 no. 4:30 Ap '61

Increase the responsibility for the condition of railroad structures. K. G. Marov Put' i put. khoz. 5 no. 4:30 Ap '61

RAILROAD ENGINEERING

Effectiveness of the structures for protection against falling rocks. A. I. Pesov Put' i put. khoz. 5 no. 4:19-20 Ap '61

[Organization of construction works during the electrification of railroads; experience of the construction organizations of the Ministry of Construction for Transportation] Organizatsiia stroitel'nykh rabot pri elektrifikatsii zheleznykh dorog; opyt stroitel'nykh organizatsii Mintransstroia. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 65 p.

Useful work on the fundamentals of railroad design ("Fundamentals of designing railroads with electric and diesel traction" by G. I. Chernomordik, IU. E. Ryvkin Reviewed by F. V. Berezin and others) Zhel. dor. transp. 43 no. 6:95-96 Je '61.

RAILROAD LAW

The use of grounds in the sections appropriated for railroads. Sov. deput. trud. no. 8:98 Ag '61.

RAILROAD MOTORCARS

Results of the operation of rail motor cars on the Southern Sakhalin Railroad A. E. Bessmertnyi. Zhel. dor. transp. 43 no. 6:67-69 Je '61.

Visin, N. G. [Synchronous starting of S^{F} and $S^{\S}$ electric sections; practice of the workers of the Bezymyanka repair shop of the Kuybyshev Railroad] Sinkhronnyi pusk elektrosektsii S^{F} i $S^{\S}$; opyt raboty kollektiva elektrodepo Bezymianka Kuibyshevskoi dorogi. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 42 p.

RAILROAD SWITCHMEN see Switchmen

RAILROADS

(see also subdivision under China, Mongolia; United States)

Answering readers' queries. Put' i put. khoz. 5 no. 4:27 Ap '61.

Electronic calculating machines and railroad statistics. E. P. Nesterov, Z. I. Men'shova, Z. I. Mozgrina. Zhel. dor. transp. 43 no. 7:30-31 Jl '61.

Letters to the editor. Put' i put. khoz. 5 no. 4:47 Ap '61.

Results of our observations. A. P. Stebliuk. Put' i put. khoz. 5 no. 4:10-11 Ap '61.

Widen the range of socialist competition to greet the 22d Congress of the CPSU with worthy achievements. Zhel. dor. transp. 43 no. 7:3-7 Jl '61.

RAILROADS—ACCOUNTS, BOOKKEEPING, ETC.

Krasov, A. P., and A. A. Trofimov. [Journal-voucher accounting system on railroads] Zhurnal'no-ordernaia forma ucheta na zheleznykh dorogakh. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 137 p.

Planning and utilization of amortization deductions. A. V. Izosimov. Zhel. dor. transp. 43 no. 6:41-45 Je '61.

RAILROADS—BIBLIOGRAPHY see Bibliography—Railroads

RAILROADS—BRAKES

Emergency brake accelerators on freight trains are not necessary. V. V. Barmin, I. A. Abakumov, M. I. Iziurov. Elek. i tepl. tiaga 5 no. 5:45 My '61

Russia (1923- U.S.S.R.) Ministerstvo putei soobshcheniia. [Engineering instructions (temporary No. 270-002) for the operation of automatic brakes with air distributors] Tekhnicheskie ukazaniia po ekspluatatsii avtotormozov s vozdukhoraspredelitoliami, usl. No. 270-002. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 29 p.

RAILROADS—BUILDINGS AND STRUCTURES

State standard for clearance between structures and rolling stock of railroads with a 750 mm gauge Biul stroi, tekh 18 no. 6 13-15 Je '61

RAILROADS—CARS see subdivision under Riga

RAILROADS—CARS—MAINTENANCE AND REPAIR

Abramov, P. G., and others. [Replacing bronze and babbitt with zinc alloys; practices of repair shops and stations for locomotives and railroad cars] Primenenie tsinkovogo splava vzamen bronz i babbitov, opyt lokomotivo-vagonoremontnykh zavodov i depo, Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961 71 p.

RAILROADS—COMMUNICATION SYSTEMS

Berzin, M. A. [ZhTU-3 railroad television system] Zheleznodorozhnaia televizionnaia ustanovka ZhTU-3. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960 105 p

Borisov, D. P., K. N. Evpylov, and A. IA. Kormilitsyn. [Automatic and remote control and communications in railroad transportation] Avtomatika telemekhanika i sviaz' na zheleznodorozhnom transporte Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 283 p.

Riazantsev, B. S., and A. M. Pogodin, eds. [New developments in automatic and remote control, and communications on railroads] Novoe v zheleznodorozhnoi avtomatike, telemekhanike i sviazi; sbornik statei. Moskva, Vses. izdatel'sko-poligr. ob"edinenie, M-va putei soobshcheniia, 1961. 306 p.

RAILROADS—CONSTRUCTION

(see also subdivision under Irkutsk Province; Siberia, Eastern)

"Economic analysis of the operations of a railroad construction organization" by V. B Babelian Reviewed by A Krasov, A Trofimov Bukh uchet 18 no 6 77-79 Je '61

News letters about new foreign technology in the field of track and railroad construction Transp stroi 11 no. 7;57 Jl '61.

RAILROADS—COST OF OPERATION

Abramov, A. P., and G. V. Kotov. [Cost of rail freight transportation and how to reduce it] Sebestoimost' zheleznodorozhnykh perevozok i puti ee snizhenila. Moskva, Vses. izdatel-sko-poligr. ob"edinenie M-va putei soobshchenila, 1961 41 p (V pomoshch' izuchaiushchim ekonomiku zheleznо-dorozhnogo transporta)

Let's look into the finance report of the division M. A. Kuznetsov Put' i put. khoz 5 no 4-15-17 Ap '61

RAILROADS—EARTHWORK

Calculating the volume of railroad beds on an electronic calculating machine. V N Loginov Transp stroi. 11 no 7 46-48 Jl '61

Compacting railroad beds P. S. Slobodeniuk. Transp. stroi. 11 no 7-8-9 Jl '61

More about ditches above cuts. N. N. Barsov. Transp. stroi. 11 no. 7;60-61 Jl '61

Shakhuniants, G. M., and others. [Landslide protection on railroads of the U. S. S. R.] Opyt bor'by s opolzniami na zheleznykh dorogakh SSSR. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961 183 p. (Moscow, Moskovskii institut inzhenerov zheleznodorozhnogo transporta. Trudy, no. 211)

RAILROADS—ECONOMICS OF CONSTRUCTION

Determining the efficiency of capital investments in building railroads I. Gonikberg Ekon. stroi no 7 26-32 Jl '61

"Economic analysis of the activity of railroad construction organizations" by V B. Babelian Reviewed by B. M Zadorin. Transp. stroi. 11 no. 7-58-59 Jl '61.

RAILROADS—ELECTRIC EQUIPMENT

Grinisevich, V. O., V. N. Ivanov, and V. I. Mel'nikov. [Repair of the generators of mobile electric power ds, experience lroad] dorozhnykh) erskikh o-poligr. 3 p.

icreasing kolov,

ectrifi- ion r Trans- elektri- anizatsii igr.) p.

f com- mka i tsii; skva, il

Borisov, D. P., K. N. Evpylov, and A. IA. Kormilitsyn. [Automatic and remote control and communications in railroad transportation] Avtomatika telemekhanika i sviaz' na zheleznodorozhnom transporte. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 283 p.

Riazantsev, B. S., and A. M. Pogodin, eds. [New developments in automatic and remote control, and communications on railroads] Novoe v zheleznodorozhnoi avtomatike, telemekhanike i sviazi, sbornik statei. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 306 p.

RAILROADS—EMPLOYEES

(see also subdivision under Kazakhstan)

Increase the responsibility of the track forces foremen, A. D Kozlovskii Put' i put khoz 5 no. 4,20 Ap '61

Lagging section will become foremost. A. E. Turbin. Put' i put khoz 5 no 1;9 Ap '61

[Leaders in outstanding track maintenance] Masters otlichnogo soderzhaniia puti, sbornik statei. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 78 p. (Zheleznodorozhnikigeroi sotsialisticheskogo truda)

Once more about the training of locomotive servicing brigades. N V Sergeev and others Elek i tepl tiaga 5 no 5 14 My '61

Railroad foresters exchange experience. A. Mukhin, F Traven'. Les khoz 14 no 7 13-18 Jl '61

Station of communist labor M G. Koren' Zhel dor. transp 43 no 7 62-64 Jl '61.

Track supervisor Chibizova N. S. Stepanov. Put' i put khoz 5 no 4;11 Ap '61

RAILROADS—EMPLOYEES—EDUCATION AND TRAINING

Struggle for increasing student's progress and the prevention of student's withdrawal from a correspondence technical school I I Poltoratskii Sred spets obr 8 no 6;30-35 Je '61

RAILROADS—EQUIPMENT AND SUPPLIES

Creative men L. F. Troitskii. Put' i put. khoz. 5 no. 4;31-33 Ap '61

Use of plastics in railroad transportation. V. I Macvskii Zhel dor. transp. 43 no 6 15-48 Je '61.

Useful proposals. A A. Zaitsev. Put' i put. khoz. 5 no 4;34 Ap '61

Using a ballaster for lifting switches. I. S. Bugaichuk. Put' i put. khoz 5 no. 4;21 Ap '61

RAILROADS—FREIGHT

Abramov, A. P., and G. V. Kotov. [Cost of rail freight transportation and how to reduce it] Sebestoimost' zheleznodorozhnykh perevozok i puti ee snizhenila. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 41 p. (V pomoshch' izuchaiushchim ekonomiku zheleznо-dorozhnogo transporta)

Bogdanov, I. A., and G. A. Kruglov. [Organizing an even flow of freight traffic through the week; experience of the Ilovaysk Division of the Donets Railroad] Organizatsiia ravnomernoi gruzovoi raboty v techenie nedeli, opyt Ilovaiskogo otdeleniia Donetskoi dorogi Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 37 p.

Danovskii, L. M., ed. [Track work in sections with heavy freight traffic; from the experience of the Omsk and Tomsk Railroads] Putevye raboty na gruzonapriazhennykh uchastkakh, iz opyta Omskoi i Tomskoi dorog. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 102 p.

Estimating the minimum freight turnover in the distribution of container loading and unloading centers, M. G. Trikhunkov Vest. TSNII MPS 20 no. 4;55-56 '61.

Gavrilova, IU. P., and A. P. Leont'ev. [Advanced practices in conveying small shipments] Peredovye priemy razvoza gruzov melkimi otpravkami. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 41 p.

Improvement of railroad shipments. F. Luchanskii. Sov potrob. koop. 5 no 7 46-48 Jl '61.

Kustanai Division prepares for the transportation of the Virgin Territory crops. B. I Rubinshtein Zhel. dor. transp 43 no 6-13-17 Je '61.

New book on the organization of car flows ("Problems of the unification of weight standards and freight routing" by E. D Fel'dman, R. V. Mezhova, V. P. Shul'ko. Reviewed by A. K. Ugiumov). Zhel. dor. transp. 43 no 7 94-95 Jl '61.

RAILROADS—FREIGHT CARS

New special cars for industrial railroads. V. G. Kalmykov Zhel. dor. transp. 43 no. 7;76-79 Jl '61.

Test results of the new self-emptying dump car. V. G. Kalmykov, E P. Litovchenko. Vest. TSNII MPS 20 no. 4;48-51 '61

RAILROADS—INTERNATIONAL COOPERATION

Conference in Sofia. A. F. Podpalyi. Put' i put. khoz. 5 no. 4;22-23 Ap '61

International passenger communications during 1961. Zhel. dor. transp. 43 no. 7 80 Jl '61

RAILROADS—LIGHTING

Shouldn't the location of the spot light be changed on diesel locomotives. V. I. Minaev. Elek. i tepl. tiaga 5 no. 5-45 My '61.

RAILROADS—MAINTENANCE AND REPAIR

(see also subdivision under Germany, West; United States)

Automatization and mechanization of operations in the division V V Chubarov Zhel dor. transp 44 no 7 51-56 Jl '61.

Carrying out comprehensive track maintenance during long traffic intervals. P K Gaiduk, A M Re railway N M T'Selnevskii Zhel dor transp 43 no 7 61-64 Jl '61.

Conference of workers engaged in the maintenance and repair of the rolling stock Zhel. dor transp 14 no. 7 81-82 Jl '61.

Danovskii, L. M., ed. [Track work in sections with heavy freight traffic, from the experience of the Omsk and Tomsk Railroads] Putevye raboty na gruzonapriazhennykh uchastkakh, iz opyta Omskoi i Tomskoi dorog. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 102 p

Hauling away of rails along the track area. I. M. Artem'ev, N. I Iuzefovich Put' i put khoz. 5 no 4 34 Ap '61.

Kreinis, Z. I., S. I. Kotov, and A. P. Ivanov. [Communist labor railroad division, experience of the Orlovskaya division of the Moscow Railroad] Distantsiia pod kommunisticheskogo truda, opyt Orlovskoi distantsii Moskovskoi dorogi. Moskva, Vses. izdatel'sko poligr ob"edinenie M-va putei soobshchenila, 1961. 60 p

Measures for the further improvement of the current maintenance of railroad cars. Zhel. dor transp 43 no 7 50 Jl '61.

Norms of repair periodicity are a most important feature in track management P. P. Tsukanov, A. F. Zolotarskii Zhel dor. transp. 43 no 6 27-33 Je '61

Sorokin, B. V. [Straightening tracks on reinforced-concrete ties, during regular maintenance] Vypravka puti na zhelezobetonnykh shpalakh; pri tekushchem soderzhanii. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 30 p.

Traffic organization during track repairs M F. Khimich Zhel dor transp. 43 no. 6 60-63 Je '61.

Use of automation in the technical inspection of cars V I. Gridiushko, G. K Sendetov, V. P. Khil'chenko Zhel dor. transp. 43 no 7 45-10 Jl '61.

RAILROADS—MAKING UP TRAINS

Advantages of routings in groups. V. A Pokavkin Zhel. dor. transp 43 no. 7 41-43 Jl '61.

Correct way to combine the routing from departure to industrial points I I Kukushkin. Zhel. dor. transp 43 no. 7 43-44 Jl '61.

RAILROADS—MANAGEMENT

Automatization and mechanization of operations in the division. V V. Chubarov. Zhel. dor transp 44 no 7 51-56 Jl '61.

Automatization of the operational planning processes of railroads G. M. Kutyev. Vest TSNII MPS 20 no 4; 59-62 '61

Comprehensive plan for rhythmic operation in the division. N. A Kashparov, I. B. Levi. Zhel. dor. transp 43 no 7,60-62 Jl '61.

Divisions should play a more important role and assume greater responsibility in railroad transportation Zhel dor. transp. 43 no 6 3-7 Je '61.

Improve the structure of divisions. M. P. Bnasharskii. Put' i put khoz. 5 no. 4;5-6 Ap '61

Improvement of the division from the administrative and economic point of view. V. N. Popov. Zhel dor. transp. 43 no. 6 49-55 Je '61.

Uniform technology of the operations of consolidated railroad departments M. I. Verzanskii. Zhel. dor transp. 43 no. 6 70-73 Je '61.

RAILROADS—PASSENGER TRAFFIC

International passenger communications during 1961. Zhel dor. transp. 43 no. 7 80 Jl '61.

Railroad division and the transportation of passengers. A. I. Sheipak. Zhel dor. transp. 43 no. 7 56-59 Jl '61

RAILROADS—RAILS

Rails treated for greater strength. D. P. Shiliskii, R. A. Pavliuk. Put' i put. khoz. 5 no. 4;10 Ap '61

Some clearer definitions of the method for the evaluation of the horizontal bending and buckling of rails in calculating the strength of track. O. P. Ershkov. Vest. TSNII MPS 20 no. 4;40-43 '61.

RAILROADS—RAILS—TESTING

Detection of defects in rails by means of simultaneous magnetization by a constant and a variable moving field N. V. Miroshin. Izv. vys ucheb. zav., fiz no. 2-92-97 '61.

RAILROADS—RAILS—WELDING

Thermit welding of rails. S. I. Fadeev, V. V. Lindov. Put' i put. khoz. 5 no 4;36-40 Ap '61.

Welding of rails for a continuous track. G. Z. Zvigain. Put' i put. khoz 5 no. 4;42-43 Ap '61.

RAILROADS—RATES

Russia (1923- U.S.S.R.) Glavnoe passazhirskoe upravlenie. [Tables for calculating costs of the transportation of passengers, baggage, and fast freight, based on rates effective from August 16, 1948] Raschetnye tablitsy stoimosti proezda passazhirov, perevozki bagazha i tovarobagazha (gruza passazhirskoi skorosti) po zheleznym dorogam, soglasheny po tarifam, ustanovlennym s 16 avgusta 1948 g. Moskva, Gos. transp. zhel-dor. Izd-vo, 1954. 51 p.

Russia (1923- U.S.S.R.) Glavnoe passazhirskoe upravlenie. [Tables for the calculation of railroad transportation rates for passengers, luggage, and freight; supplement to collection No. 120; effective as of January 1, 1961] Raschetnye tablitsy stoimosti proezda passazhirov, perevozki bagazha i gruzobagazha po zheleznym dorogam; prilozhenie k sborniku No. 120. Vvodiatsia s 1 ianvaria 1961 g. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 56 p.

RAILROADS—REPAIR SHOPS
(see also subdivision under Bezymyanka; Orenburg)

We have introduced an important and useful measure I. R. Rudenko, B. Kim Elek i tepl. tiaga 5 no 5 19-20 My '61

RAILROADS—REPAIR SHOPS—EQUIPMENT AND SUPPLIES

Vibrational-arc building up of worn locomotive parts. P. V. Efremeev, N. G. Pustovoit Elek i tepl. tiaga 5 no 5 22-23 My '61

We have automatic rail runners but no spare parts G. F. Abdullinov. Elek i tepl. tiaga 5 no 5 20 My '61.

RAILROADS—ROLLING STOCK
(see also subdivision under Germany, West)

Lengthening of hauls and possibilities of a further acceleration of car turnover I. G. Tikhomirov, E. P. Ushkevich, P. A. Sytsko Zhel. dor. transp. 43 no 6 17-22 Je '61

Over-all mechanization of car handling operations A. N. Korolev Zhel. dor. transp. 43 no 6 33-36 Je '61

RAILROADS—ROLLING STOCK—NOISE

Noise control of the rolling stock A. M. Volkov Zhel. dor. transp. 43 no. 7 28-31 Jl '61.

RAILROADS—SAFETY MEASURES

Strictly observe safety regulations. Put' i put. khoz. 5 no 4:6 Ap '61

RAILROADS—SALARIES, PENSIONS, ETC.

Better organization of the wage system in the division G. V. Dadochkin. Zhel. dor. transp. 43 no 6 55-58 Je '61

Completion of the shifting of railroad personnel to the new wage system. Zhel. dor. transp. 43 no 7 49-50 Jl '61

New wage system in action D. S. Pavlovskii Zhel. dor. transp. 43 no 6 58-60 Je '61

RAILROADS—SIGNALING

Borisov, D. P., K. N. Ergvlov, and A. IA. Kormilitsyn, [Automatic and remote control and communications in railroad transportation] Avtomatika telemekhanika i sviaz' na zheleznodorozhnom transporte. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 283 p.

Replies to the inquiries of our readers Elek i tepl. tiaga 5 no 5 13 My '61

Riazantsev, B. S., and A. M. Pogodin, eds. [New developments in automatic and remote control and communications on railroads] Novoe v zheleznodorozhnoi avtomatike, telemekhanike i sviazi; sbornik statei. Moskva, Vses. izdatel'sko-poligr. ob"edinenie, M-va putei soobshcheniia, 1961. 306 p.

Signaling between the cable layer and tractors in the laying of main cable lines. N. G. Mel'nikov. Transp. stroi. 11 no. 7:52 Jl '61

Zhil'tsov, P. N., and G. I. Koliada. [Concise manual on signaling, interlocking, and block systems] Kratkii spravochnik po signalizatsii, tsentralizatsii i blokirovke. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 137 p.

RAILROADS—SIGNALING—CENTRALIZED TRAFFIC CONTROL

Bolkevich, M. I. [Reception and checking-out of centralized traffic control devices, experience of communication workers of the Stalin Railroad] Priemka i regulirovka ustroistv dispetcherskoi tsentralizatsii, opyt kollektiva sviazistov Stalinskoi dorogi. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 29 p.

Egorenkov, N. G., and others. [ChDTs-TsNII system frequency-operated centralized traffic control] Chastotnaia dispetcherskaia tsentralizatsiia sistemy ChDTs-TsNII. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 174 p. (Moscow. Moskovskii institut inzhenerov zheleznodorozhnogo transporta. Trudy, no.210)

RAILROADS—SNOW PROTECTION AND REMOVAL see subdivision under Switzerland

RAILROADS—STATION SERVICE

New developments in station operations V. M. Orlov Zhel. dor. transp. 43 no 6 38-41 Je '61

RAILROADS—STATIONS see subdivision under Aktyubinsk, Gomel', Moscow, Osnova, Kharkov Province, Rome

RAILROADS—SWITCHES

Crossing frogs and traffic safety. R. S. Lipovskoi, A. N. Orlovskii, M. A. Frishman Put' i put. khoz. 5 no. 4: 10-11 Ap '61.

Radio control of switches from a moving locomotive G. K. Akutin and others Mekh. i avtom. proizv. 15 no 7 39-42 Jl '61.

RAILROADS—SWITCHING—RADIO CONTROL

Radio control of switches N. E. Kuznetsov and others Zhel. dor. transp. 43 no 6 73 Je '61

RAILROADS—TECHNOLOGICAL INNOVATIONS

Proposals recieved for the contest Zhel. dor. transp. 43 no. 7 63 Jl '61.

RAILROADS—TIES

Improved method of fastening ties with screws. V. V. Andrusov, K. V. Fal'kovskaia. Put' i put. khoz. 5 no. 4,12-13 Ap '61.

Loading and unloading of ties by means of grab cranes. D. P. Belov, I. V. Pyzhov Put' i put. khoz. 5 no. 4 13-15 Ap '61.

Mechanical wear and decay of ties in the bed. Vest. TSNII MPS 20 no. 4:64 '61.

Platforms for the impregnation of crossties B. N. Smirnov. Les. prom. 39 no. 7 15-16 Jl '61

RAILROADS—TIES, CONCRETE

Electric resistance of reinforced concrete ties. N. V. Petrov, G. D. Rabinovich Put' i put. khoz. 5 no. 4:13-15 Ap '61

RAILROADS—TIMETABLES see subdivision under Moscow

RAILROADS—TRACK

Conference on the adoption of continuous rail tracks Zhel. dor. transp. 43 no. 6 77-78 Je '61

Improve the structure of divisions. M. P. Bassarskii. Put' i put. khoz. 5 no 4,5-6 Ap '61.

Increase the responsibility of the track forces, foremen. A. D. Kozlovskii Put' i put. khoz. 5 no. 4:20 Ap '61.

Increasing the stability of the continuous track S. P. Pershin Zhel. dor. transp. 43 no 7 37-40 Jl '61.

Lower the costs of track maintenance. Put' i put. khoz. 5 no 4:1 Ap '61

Operational requirements for the track structure. A. F. Podpalyi Zhel. dor. transp. 43 no 6 8-12 Je '61

ShChOM-D ballast cleaner used for the reconditioning of the roadbed M. A. Katnev Put' i put. khoz. 5 no 4: 18-19 Ap '61

Using new methods for the organization of current track maintenance in the division L. M. Shkilnenko. Put' i put. khoz. 5 no. 4:2-4 Ap '61

RAILROADS—TRAFFIC

Lengthening of hauls and possibilities of a further acceleration of car turnover. I. G. Tikhomirov, E. P. Ushkevich, P. A. Sytsko Zhel. dor. transp. 43 no. 6 17-22 Je '61

Traffic organization during track repairs M. F. Klimov Zhel. dor. transp. 43 no. 6 60-63 Je '61

RAILROADS—TRAIN DISPATCHING

Gachkovskii, G. I. [Train dispatching under a central control system, practices of the Northern Caucasus Railroad] Opyt organizatsii dvizheniia poezdov pri dispecherskoi tsentralizatsii; iz praktiki Severo-Kavkazskoi dorogi. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 20 p.

Lengthening of haul distances and organization of the work of train dispatchers. N. Umnov. Zhel. dor. transp. 43 no. 7 26-28 Jl '61.

RAILROADS—TRAINS—DYNAMICS

Results of a study of longitudinal dynamics of trains on break-in grades. V. A. Denisov. Vest. TSNII MPS 20 no 4:25-27 '61

RAILROADS—YARDS

Determining the processing capacity of classification yards E. V. Arkhangel'skii. Vest. TSNII MPS 20 no. 4:52-55 '61.

RAILROADS, INDUSTRIAL

Correct way to combine the routing from departure and industrial points. I. I. Kukushkin. Zhel. dor. transp. 43 no. 7,43-44 Jl '61.

For an upswing in industrial transportation, review of articles recieved by the editor. Zhel. dor. transp. 43 no. 6:74-75 Je '61.

RAILROADS, INDUSTRIAL—EQUIPMENT AND SUPPLIES

Over-all mechanization of loading and unloading operations A. I. Samodumov, N. I. Vinogradov. Zhel. dor. transp. 43 no. 7 71-76 Jl '61

RAILROADS, NARROW-GAUGE—CONSTRUCTION

Russia (1923- U.S.S.R.) Glavnoe upravlenie puti i sooruzhenii. [Standard technologically grounded time and production norms for laying narrow-gauge tracks] Tipovye tekhnicheski obosnovannye normy vremeni i vyrabotki na putevye raboty, uzkaia koleia Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 79 p

RAIN AND RAINFALL
(see also subdivision under Chita)

Choosing a map scale for calculating cloudburst runoff V. M. Vizgalov Avt. dor. 24 no 6 36 Je '61

RAMAN EFFECT

Raman spectra of terpenes and their derivatives G. V. Pigulevskii, A. T. Ryskal'chuk Trudy Bot. inst. Ser. 5 no 8 210-239 '61

RANGOON—DESCRIPTION

Yangon, the end of hostility. I. Mozheiko. Az. i Afr. seg. no 1 20-22 Ap '61

RARE EARTH COMPOUNDS

Citrate and tartrate complexes of lanthanum, praseodymium, neodymium, and samarium K. L. Mallarov, F. P. Sudakov Zhur. neorg. khim. 6 no 7 1559-1564 Jl '61

RARE EARTH METALS

Analysis of reactor fuel and materials in the Division of Analytical Chemistry at the Nuclear Research Institute of the Polish Academy of Sciences Jerzy Minczewski Atom. energ. 11 no. 1,46-55 Jl '61.

Basic data on rare earth elements I. B. Ivanov Geol. mest. red. elem. no 3 4-12 '59

Conclusion A. I. Ginzburg Geol. mest. red. elem. no 3 101-109 '59

Genetic types of deposits of rare earth elements A. I. Ginzburg, L. N. Zhuravleva Geol. mest. red. elem. no 3 59-104 '59

Geochemical basis for isolating rare earth elements V. V. Shcherbina Geol. mest. red. elem. no 3 44-59 '59

Occurrences of rare earth elements I. B. Ivanov Geol. mest. red. elem. no 3 28-40 '59

Production and consumption of rare earth elements L. N. Zhuravleva Geol. mest. red. elem. no 3 22-28 '59

Rare earth minerals I. B. Ivanov Geol. mest. red. elem. no 3 30-41 '59

Use of rare earth elements in industry L. N. Zhuravleva Geol. mest. red. elem. no 3 12-22 '59

RARE EARTH METALS—ANALYSIS

IAkovlev, IU. V. [Quantitative determination of impurities in highly pure metals by means of radioactivation analysis] Kolichestvennoe opredelenie primesei v metallakh vysokoi chistoty metodom radioaktivatsionnogo analiza. Moskva, 1955. 16 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

RARE EARTH METALS—BIBLIOGRAPHY see Bibliography—Rare earth metals

RARE EARTH METALS—ELECTRIC PROPERTIES

Variation of the electric resistance of praseodymium, dysprosium, erbium and ytterbium at pressures up to 250,000 kg /cm.^{2}. I. F. Vereshchagin, A. A. Semerchan, S. V. Popova Dokl. AN SSSR 139 no 3:585-586 Jl '61.

RARE EARTHS

Mechanism of the elution of macroquantities of rare earth elements by means of lactic acid. A. I. Kamenev, L. I. Martynenko, G. K. Eremin Zhur. neorg. khim. 6 no. 7:1726-1727 Jl '61

RARE EARTHS—ANALYSIS

Determination of rare earths in zircons. V. I. Bogdanova, G. N. Muravitskaia, E. B. Khalezova Trudy IGEM no. 64 Metod. khim. anal. min no. 1 95-97 '61

RARE GASES see Gases, Rare

RAZDAN DISTRICT—PASTURES AND MEADOWS

Brief description of meadow and pasture soils of Razdan District in connection with their improvement [in Armenian with summary in Russian]. Z. S. Avundzhian Izv. Upr. sel'khoz nauki Arm. SSR 4 no 3 77-88 '61.

RAZDAN DISTRICT—SOILS

Brief description of meadow and pasture soils on Razdan District in connection with their improvement [in Armenian with summary in Russian]. Z. S. Avundzhian. Izv. Upr. sel'khoz nauki Arm. SSR 4 no. 3 77-88 '61.

RAZIN, STEPAN TIMOFEEVICH, d.1671

The place where S. T. Razin was executed and buried. M. IA. Popov. Vop. ist. no 8,209-212 Ag '61.

RAZORS see subdivision under Moscow

RAZUMOVA, LIUBOV' ALEKSANDROVNA, 1901-

Liubov' Aleksandrovna Razumova; on her 60th birthday and 40th anniversary of scientific activities M. S. Kulik. Meteor i gidrol. no. 8:62-64 Ag '61.

READING

Kustareva, V. A. [Extracurricular reading lessons in primary grades] Uroki vneklassnogo chteniia v nachal'nykh klassakh. Moskva, Izd-vo Akad. pedagog nauk RSFSR, 1961. 46 p. (Pedagogicheskaia biblioteka uchitelia)

READING (ELEMENTARY)

Explanatory reading in the third and fourth grade. V. G. Goretskii. Nach. shkola 29 no. 8:48-51 Ag '61.

Expressive reading during lessons in grades 1-4. M. V. Kochut' Ukr. mova v shkoli 11 no. 4:74-77 Jl-Ag '61

Significance of generalizing reading lessons and basic demands made on them. E. A. Adamovich. Nach. shkola 29 no. 6:35-41 Je '61

READING MACHINES

Concerning the design of a reading machine. V. S. Pereverzev-Orlov, V. G. Poliakov. Izv. AN SSSR Otd. tekh. nauk, Energ. i avtom. no. 3:110-112 My-Je '61

RECALL

Tykhonova, IE. A. [The right of voters to recall their deputies] Pravo otzyva deputata. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 46 p.

RECEPTORS (NEUROLOGY)

Chernigovskii, V. N. [Interoceptors] Interoretseptory. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 657 p.

RECKLINGHAUSEN'S DISEASE OF BONE see Osteitis fibrosa

RECLAMATION OF LAND

(see also subdivision under Armenia, Kazakhstan)

Anisimov, N. I., and I. M. Pozamantir. [The seven-year plan of state farm in the virgin lands, an economic sketch] Semiletka tselinnogo sovkhoza, ekonomicheskii ocherk. Moskva, Sel'khozgiz, 1960. 102 p. (DS)

Liubimov, S. P., V. A. TSarev, and IU. D. Chernichenko. [Resources of virgin lands are for the people] Bogatstva tseliny - narodu. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 101 p. (DA)

RECLAMATION OF LAND—ECONOMIC ASPECTS

(see also subdivision under Krasnodar Territory)

Method of determining the economic effectiveness of capital investments and a new technique in land reclamation. M. N. Loiter. Gidr. i mel. 13 no. 7:3-15 Jl '61

RECOGNITION (INTERNATIONAL LAW)

Fel'dman, D. I. [Recognition of governments in international law] Priznanie pravitel'stv v mezhdunarodnom prave. [Kazan'] Izd-vo Kazanskogo univ., 1961. 69 p.

RECONNAISSANCE, NAVAL see Naval reconnaissance

RECONSTRUCTION

(see also subdivision under Chuvashia)

Restoration of the Soviet national economy in liberated areas during the Great Patriotic War [with summary in English, pp. 219-220]. G. G. Morekhina. Vop. ist. no. 8:41-60 Ag '61.

RECORDS, PHONOGRAPH see Phonorecords

RECREATION CENTERS see subdivision under Black Sea region

RED CROSS

Red Cross, Russia, Soiuz obshchestv Krasnogo kresta i Krasnogo polumesiatsa SSSR. [Forty years of the Soviet Red Cross, 1918-1958] 40 let Sovetskogo Krasnogo Kresta, 1918-1958. Moskva, Gos. izd-vo med. lit-ry, 1959. 222 p.

Soiuz obshchestv Krasnogo kresta i Krasnogo polumesiatsa, Ispolnitel'nyi komitet. [Handbook for the active workers of the Red Cross and Red Crescent] Spravochnik aktivista obshchestva Krasnogo kresta, Krasnogo polumesiatsa. Pod red. N. S. Khmeleva. Izd. 2., dop. i ispr. Moskva, Medgiz, 1959. 288 p. (DNLM)

REDSTART see subdivision under Caucasus, Tien Shan

ELECTROLYTIC

...n of zinc oxide phase
...', S. Bagotskii.
'61

REED PRODUCTS

Equipment for manufacturing reed panels. V. G. Zezin. Stroi. i dor. mash. 6 no. 7:35-37 Jl '61.

Introduce reed into construction elements for farm buildings and structures. N. I. Pogorelko, B. A. Kovler. Stroi. mat. 7 no. 7:10-12 Jl '61.

Panel and frame-panel reed construction. P. Gol'berg, S. Rendino. Sil'. bud. 11 no. 6:12-14 Je '61.

Reed in housing construction. A. Lobkov. Stroi. i arkhit. 9 no. 6:25-27 Je '61

Reed reinforcement for concrete building details. A. D. Kompaniets. Stroi. mat. 7 no. 7:12-13 Jl '61

Treasures of the green virgin lands. L. Lanskii. Nauka i zhizn' 28 no. 6:54-55 Je '61

Using reed in multiple-story housing construction. M. Shulenin. Sel'. stroi. 16 no. 6:12-13 Je '61

REELS (TEXTILE MACHINERY)

Automatic conveying of spools to weft winders. I. E. Bogdanov, V. V. Barinov. Mekh. i avtom. proizv. 15 no. 7:19-22 Jl '61

Design of the thread guide on the M-150 reeling machines. M. A. Zubov. Izv. vys. ucheb. zav., tekh. tekst. prom. no. 3:84-92 '61.

REFLEXES

Dynamics of the course of the rhythmic knee reflex as related to the typological features of the nervous system in dogs [with summary in English]. M. V. Bobrova. Zhur. vys. nerv. deiat. 11 no. 3:495-499 My-Je '61.

Effect of dose fractionation on the unconditioned reflex activity of the spinal cord of rabbits in total-body X irradiation. M. A. Kuznetsova. Radiobiologiia 1 no. 1:58-64 '61

Motor and visceral reflexes in physiology and in the clinic. E. D. Tykochinskaia. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 3:272-273 My-Je '61.

"Reflex regulation of the cardiovascular system" by V. V. Fol'kis. Reviewed by M. I. Gurevich. Fiziol. zhur. 46 no. 3:367-368 Mr '60.

REFORESTATION

(see also subdivision under Russia, Northern)

Over-all mechanization of logging and reforestation operations. I. I. Gavrilov, V. I. Mel'nikov. Les. prom. 39 no. 7:12-13 Jl '61.

REFORMATION

"Reformation movements in Russia from the 14th to the first half of the 16th century" by A. I. Klibanov. Reviewed by A. L. Khoroshkevich. Ist. SSSR 5 no. 4:199-203 Jl-Ag '61.

REFRACTION

Barshchevskii, B. U. [Physics; dispersion of light] Fizika, dispersiia sveta. Konspekt lektsii dlia studentov II kursa vsekh spetsial'nostei. Moskva, Vses. zaochnyi institut inzhenerov zhel.-dor. transp. 1960. 13 p.

Relationship between the refraction of the white of the hen's egg and its storage time. A. I. Artemchenko. Nauch. dokl. vys. shkoly, biol. nauki no. 3:102-104 '61

REFRACTIVE INDEX

Oscillations of the refraction index in a strong magnetic field in semiconductors in the region of the main absorption edge. L. I. Korovin. Fiz. tver. tela 3 no. 6:1790-1794 Je '61

REFRACTORIES INDUSTRY

(see also subdivision under Vnukovo)

Lowering the cost of building refractory plants. B. P. Severin, P. A. Maksimenko. Ogneupory 26 no. 7:342-343 '61.

Plants producing refractory materials should be specialized. E. A. Ovcharov, S. T. Baliuk. Standartizatsiia 25 no. 8:53 Ag '61.

REFRACTORIES INDUSTRY—QUALITY CONTROL

Improve methods for controlling the quality of raw material and finished products. F. Z. Dolkart. Ogneupory 26 no. 6:293-294 '61.

REFRACTORIES INDUSTRY—TECHNOLOGICAL INNOVATIONS

Raise invention and efficiency promotion to a high level. Ogneupory 26 no. 7:297-300 '61.

REFRACTORY CONCRETE

Building tunnel and compartment kilns of precast fireproof reinforced concrete. M. M. Latash. Mont. i spets. rab. v stroi. 23 no. 6:22-24 Je '61.

Lining the forked steel pouring spouts of open-hearth furnaces with refractory concrete. V. A. Bron and others. Ogneupory 26 no. 6:265-269 '61.

REFRACTORY CONCRETE—TESTING

Performance of vaults made of heat-resistant concrete under high temperature and loading. V. V. Zhukov. Prom. stroi. 39 no. 5:46-49 '61.

REFRACTORY MATERIALS

Basic refractory materials in steel founding plants abroad. V. S. Gorodetskii. Ogneupory 26 no. 6:295 '61.

Characteristics of refractory materials made of calcined dolomite on a resin base. F. Z. Dolkart. Ogneupory 26 no. 7:329-335 '61.

Durability of pot furnace refractory materials in making contrast glass. A. G. Minakov, I. B. Kriger. Ogneupory 26 no. 7:318-321 '61.

Machines for cutting refractory materials. A. P. Agurin, B. L. Koloditskii. Mont. i spets. rab. v stroi. 23 no. 7:27-28 Jl '61.

Methods of testing and controlling the production of refractory materials. G. V. Kukolev. Ogneupory 26 no. 7:339-340 '61

Refractory materials for laying the wall of a blast furnace. N. K. Leonidov. Ogneupory 26 no. 6:273-276 '61.

Service of refractory materials made of magnesite from Tal'skoye. V. M. Tsyukina. Ogneupory 26 no. 7:309-314 '61.

Synthesis of chrysoberyl and a study of its characteristics as a refractory material. A. D. Fedoseev. Ogneupory 26 no. 6:285-291 '61.

Using aluminum phosphate compositions as a heat-proof binder for cementing building materials. M. A. Matveev, A. I. Rabukhin. Ogneupory 26 no. 6:281-285 '61.

Using lean and semifat foundry sands for the rammed lining of steel ladles. P. S. Rubinskii, D. V. Pudikov, M. L. Bel'man. Ogneupory 26 no. 7:314-318 '61.

Using refractory materials containing graphite for transferring liquid metals by an electromagnetic method. N. P. Gordeev and others. Ogneupory 26 no. 6:292 '61.

REFRACTORY MATERIALS—BIBLIOGRAPHY see Bibliography—Refractory materials

REFRACTORY MATERIALS—THERMAL PROPERTIES

Thermal conductivity of some refractory materials. V. V. Pustovalov. Ogneupory 26 no. 7:302-305 '61.

REFRIGERATION AND REFRIGERATING MACHINERY

Improvement of the work of freezers. A. Sheffer. Mias. ind. SSSR 31 no. 4:10-13 '61

Kruznetsova, A. A. [Water-cooling system for small refrigerating plants; scientific report] Gradirnaia sistema dlia malykh kholodil'nykh ustanovok; nauchnoe soobshchenie. Moskva, Gos. izd-vo torg. lit-ry, 1958. 7 p.

Lavrova, V. V. [Refrigerating capacity of installations with crossheads; compressors lacking scientific report] Kholodoproizvoditel'nosti ustanovok s beskreitskopfnymi kompressorami; nauchnoe soobshchenie. Moskva, Gos. izd-vo torg. lit-ry, 1956. 23 p.

Let's make more efficient use of compressors. N. Osenkov. Sov. torg. 34 no. 6:20-22 Je '61.

Mobile ice-salt refrigerator. Ryb. khoz. 37 no. 6:92-93 '61

Pavlova, I. A. [Central control of technological processes at enterprises of the refrigeration industry, informative report] TSentralizovannyi kontrol' tekhnologicheskikh protsessov na predpriiatiiakh kholodil'noi promyshlennosti, informatsionnoe soobshchenie. Moskva, Gos. izd-vo torg. lit-ry, 1956. 37 p.

Use of spiral coil refrigerators in the manufacture of resins. A. V. Pinaev, I. B. Zhilinskii. Trudy MIKHM 10:71-82 '58.

REFRIGERATION AND REFRIGERATING MACHINERY—BIBLIOGRAPHY see Bibliography—Refrigeration and refrigerating machinery

REFRIGERATION AND REFRIGERATING MACHINERY—TESTING

Testing the Titan fat cooler. L. Nikolaev. Miasn. ind. SSSR 32 no. 2:12-13 '61.

REFRIGERATOR SHIPS

Considering the effect of solar radiation on heat inflow to the holds of a refrigerator vessel. A. S. Mirlina. Trudy LKI no. 29:165-169 '59.

REFRIGERATORS

(see also subdivision under Minsk)

Use of substitutes for the thermoinsulation of refrigerators. A. Zhavoronkov. Sov. potreb. koop. 5 no. 6:46-50 Je '61.

REFUGEES, UKRAINIAN see subdivision under Canada, United States

REFUSE AND REFUSE DISPOSAL—EQUIPMENT AND SUPPLIES

Zhivov, M. A., and V. P. Pankov. [Manual for operators of machinery used in municipal sanitation] Spravochnik mekhanika po mashinam dlia sanitarnoi ochistki gorodov. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1960. 183 p.

REFUSE DESTRUCTORS—EQUIPMENT AND SUPPLIES

New design of the combustion chamber of boiler garbage processing plants. N. F. Gutiaev, M. A. Shapiro, L. D. Pamfilova. Gor. khoz. Mosk. 35 no. 7:35-37 Jl '61

REGENERATION (BIOLOGY)

Physiological regeneration of cells of the corneal epithelium in irradiated rats. G. P. Gruzdev. Radiobiologiia 1 no. 1:52-57 '61.

REGIONAL PLANNING

(see also subdivision under Bakhchisaray District; Dukhovnitskiy District; Kitsman' District; Moscow Province; White Russia)

"Regional planning"; problems in planning industrial regions by D. I. Bogorad. Reviewed by P. M. Alampiev. Izv. AN SSSR. Ser. geog. no. 4:150-151 Jl-Ag '61

Some problems of district planning in a rural locality of the R. S. F. S. R. I. Gutsalenko. Ekon. stroi. no. 7:16-21 Jl '61.

REHABILITATION OF CRIMINALS

A talk in the night. N. Rogov. Smena 38 no 15 12-14 Ag '61.

REINFORCED CONCRETE

(see also subdivision under Kiev, Moscow; Vitebsk

Akademiia stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Provisional instructions VU-17-59/NIIOMTP for the heat and moisture treatment of reinforced concrete and concrete articles in pressureless chambers] Vremennye ukazaniia po termovlazhnostnoi obrabotke zhelezobetonnykh i betonnykh izdelii v beznapornykh kamerakh. VU-17-59/NIIOMTP. Moskva, Biuro tekhn. informatsii, 1959. 21 p. [MICROFILM]

Akademiia stroitel'stva i arkhitektury SSSR. Zapadno-Sibirskii filial. Instructions for the manufacture and use of disks for cutting up reinforced-concrete articles] Instruktsiia po izgotovleniiu i eksploatatsii diskov dlia razrezki zhelezobetonnykh izdelii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 29 p.

Calculation of the functioning of reinforced concrete elements under corrosive influences when establishing standards. V. M. Moskvin, A. M. Podval'nii. Bet. i zhel.-bet. no. 6:246-249 Je '61.

Centrifuged reinforced concrete supports. B. A. Korotkov, [A. L. Rudoi]. Stroi. truboprov. 6 no. 6:25-26 Je '61.

Characteristics of mesh-reinforced concrete. I. I. Mitrofanov. Stroi. i arkhit. Len. 23 no. 7:16 Jl '61.

Converting steam chambers to pressureless operation. O. Ziskin. Sil'. bud. 11 no. 7:16-18 Jl '61.

Designing the walls of reinforced concrete hoppers by the method of limiting equilibrium. L. P. Zhdakhin. Trudy Ural. politekh. inst. no. 110:27-34 '61.

Designing wall panels with openings. N. Morozov, V. TSimbler. Stroi. i arkhit. Mosk. 10 no. 5:39-40 My '61.

Fastening rails to the reinforced concrete beams under cranes. N. N. Korovin. Bet. i zhel.-bet. no. 6:273-274 Je '61.

Filling ducts with injection solutions and their effect on the strength of prestressed reinforced concrete structures. N. G. Matkov. Sbor. trud. MISI no. 36:120-135 '61.

Geometry of structural elements. G. F. Volkov. Stroi. i arkhit. Len. 23 no. 7:17-18 Jl '61.

Ivianskii, A. M. [Reinforced-concrete elements] Zhelezobetonnye konstruktsii. Moskva, Gos. izd-vo sel'khoz. lit-ry zhurnalov i plakatov, 1961. 399 p. (Uchebniki i uchebnye posobiia dlia sel'skokhoziaistvennykh vuzov)

Manufacture of mesh-reinforced concrete channel elements. G. K. Khalidukov, L. F. Illarionova. Mekh. stroi. 18 no. 6:9-11 Je '61.

Production of lime for manufacturing articles hardened by autoclave. S. G. Pilipanovskii. Stroi. mat. 7 no. 6:11-15 Je '61.

Regional production bases for manufacturing large-scale reinforced concrete elements for thermal electric stations. G. B. Gronik. Prom. stroi. 39 no. 6:58-60 '61.

Thermal stresses in reinforced concrete shells filled with concrete. V. S. Nikiabin, L. N. Losev. Transp. stroi. 11 no. 7:40-43 Jl '61.

Ways to save on cement at reinforced concrete article plants. B. Shaumianov, V. Sorokar. Na stroi. Ros. no. 6:30-32 Je '61.

REINFORCED CONCRETE—TESTING

Measuring sag with portable devices. Iu. A. Kashirskii, B. K. Zenkov, M. A. Pakin. Trudy Ural. politekh. inst. no. 110:22-26 '61.

REINFORCED CONCRETE CONSTRUCTION

(see also subdivision under Stavropol; Virgin Territory)

Economical designs of a standardized farm production building. D. Kisselevich. Na stroi. Ros. no. 5:0-11 My '61.

Effective way of improving three-dimensional elements. A. P. Morozov. Stroi. i arkhit. Len. 23 no. 7:13-15 Jl '61.

Manufacturing precast thin-walled articles by gunning. M. Z. Simonov and others. Mekh. stroi. 18 no. 5:16-18 My '61.

Mesh-reinforced concrete elements are introduced into residential construction. Iu. Avrutin, E. Garmsen. Stroi. i arkhit. Mosk. 10 no. 5,11-15 My '61.

Method of calibrating reinforced concrete tanks. A. A. Afanas'ev. Neft. khoz. 39 no. 8:57-60 Ag '61.

Precast reinforced concrete frame buildings. D. Breslavtsev. Na stroi. Ros. no. 5:1-6 My '61.

Prestressed concrete double-cantilever slabs for the roofs of industrial buildings. M. G. Brill, B. S. Gimelin, V. A. Grishin. Prom. stroi. 39 no. 5,34-36 '61.

Reinforced concrete main in Kiev. E. Kigel'. Zhil.-kom. khoz. 11 no. 5:12-13 My '61.

Reinforced concrete tanks for storing petroleum and petroleum products. S. I. Idashkin. Neft. khoz. 39 no. 8:61-63 Ag '61.

Standards for allowable deformations of bearing elements must be reviewed. A. I. Otreshko. Prom. stroi. 39 no. 7:13-15 '61.

Stock buildings made of precast reinforced-concrete arched elements. V. Zakharchenko. Sil'. bud. 11 no. 7:8-10 Jl '61.

Structural defects of the PK-01-05 series of standard reinforced concrete beams. A. A. Ben'. Prom. stroi. 39 no. 6:54-58 '61.

TSukerman, N. IA. [Building precast and prestressed reinforced concrete tanks] Opyt stroitel'stva sbornykh i predvaritel'no napriazhennykh zhelezobetonnykh rezervuarov. Leningrad, 1961. 22 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Stroitel'naia promyshlennost', no. 2)

Tunnels for repairing underground utility lines. A. Litvinov and others. Stroi. i arkhit. 9 no. 6:28-29 Je '61.

REINFORCED CONCRETE CONSTRUCTION—SAFETY MEASURES

Bondar', E. P. [Safety engineering guide for assemblers of reinforced-concrete structures] Pamiatka po tekhnike bezopasnosti dlia montazhnikov zhelezobetonnykh konstruktsii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 23 p. (Tekhnika bezopasnosti)

REINFORCEMENT IN CONCRETE see Concrete reinforcement

REKUNENKO, LIDA

One year. Aleksei Trachev. Bibliotekar' no. 7:53-54 Jl '61.

RELATIVITY (PHYSICS)

Correct forms of solutions of Einstein's formulae. IA. I. Pugachev. Izv. vys. ucheb. zav., fiz. no. 1:31-34 '61.

Discontinuous centrally symmetrical motions of an ultrarelativistic gas in the general relativity theory. V. A. Skripkin. PMTF no. 4:3-12 N-D '60.

New developments in science. E. P. Andreev. Vop. filos. 15 no. 7:150-160 '61.

A philosophical analysis of the special theory of relativity [with summary in English, p. 166]. L. Janosi. Vop. filos. 15 no. 8:101-117 '61.

Racah method in the theory of relativistic equations [with summary in English]. L. A. Shelepin. Zhur. eksp. i teor. fiz. 40 no. 5,1360-1383 My '61.

Relativistic general theory of reactions of the type a + b → c + d + e + ... [with summary in English]. M. I. Shirokov. Zhur. eksp. i teor. fiz. 40 no. 5:1367-1381 My '61.

Some problems in relativistic gas dynamics of charged particles [with summary in English]. V. N. TSytovich. Zhur. eksp. i teor. fiz. 40 no. 5:1325-1332 My '61.

RELAXATION METHODS (MATHEMATICS)

Group relaxation method. S. A. Smirnov. Trudy MIIGAIK no. 15:25-30 '61.

RELIGION

Avetis'ian, A. A. [Outline history of religion and atheism; the ancient world] Ocherki po istorii religii i ateizma, drevnii mir. Kiev, Izd-vo Akad. nauk, 1960. 194 p. (NN)

[Chains are torn asunder] Puty razorvany. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 93 p.

Socialism unites us and religion separates us. O. Bilous. Volov. ateist no. 1:6-9 Ja '61.

RELIGION—BIBLIOGRAPHY see Bibliography—Religion

RELIGION—CONTROVERSIAL LITERATURE

[Against religious remnants] Protiv religioznykh perezhitkov; nauchno-ateisticheskii sbornik. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1960. 78 p.

Aksel'rod, Grigorii. [With a cross and knuckle-duster] S krestom i kastetom; ocherk. Alma-Ata, Kazakhskoe gos. izd-vo khudozh. lit-ry, 1960. 9 p.

The conservative nature of religious traditions. A. D. Sukhov. Vop. filos. 15 no. 9:144-150 '61.

Tuplikov, G. V. [Medicine and religion] Meditsina i religiia. [Stalingrad] Stalingradskoe knizhnoe izd-vo, 1960. 21 p. (Besedy s veruiushimi)

[Why I broke with religion] Pochemu ia porval s religiei. Ashkhabad, Ob-vo po rasprostraneniiu polit. i nauch. znanii Turkmenskoi SSR, 1960. 25 p.

REMEZOV, NIL PETROVICH, 1899-1961

Nil Petrovich Remezov (1899-1961); obituary. Nauch. dokl. vys. shkoly; biol. nauki no. 3:201-203 '61.

REMOTE CONTROL

"Automation and remote control in mining" by V. G. Savvateev. Reviewed by V. N. Goev. Ugol' 36 no. 6:63-64 Je '61.

Dispatcher controls the flow. Radio no. 5:16-11 My '61.

Kornilov, IU. G. [Automation and remote control of gas systems] Avtomatizatsiia i telemekhanizatsiia gazovykh sistem. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 148 p.

Ostrovskii, A. S. [Overall automatic [illegible] of the water supply systems of industrial [illegible] Kompleksnaia avtomatizatsiia i telem[illegible] sistem vodosnabzhenia promyshlen[illegible] Moskva, Gos. energ. izd-vo, 1961. [illegible] po avtomatike, no. 28)

Telemechanization of water-supply s[illegible] long pipelines. M. P. Susiov. Vod[illegible] 23-21 F '61.

REMOTE CONTROL—NOISE

Distribution of the duration of pulse [illegible] put of a remote control system [with] [illegible] h-h]. L. B. Venchikovskii. Avtom. i tel[illegible] 809 Je '61.

RENDERING INDUSTRY

Line of the continuous rendering of fat [illegible] Mias. ind. SSSR 31 no. 4:60-61 '60.

RENIERITE

Pyrite deposits of germanite and renier[illegible] nov. Geol. mest. rud elem. no. 5:77-[illegible]

RENT

Payment book for apartment rent and utilit[illegible] brikov. Bukh. uchet 18 no. 6:39-42 Je '61.

RENT (ECONOMIC THEORY)

Differential land rent in the U. S. S. R. I. Bal[illegible] Vop. ekon. no. 8:104-111 Ag '61.

Differential rent under socialism. IA. K-k[illegible] AN BSSR. Ser. ekon. nav. no. 2:5-17 '61.

Is it proper to deny the existence of differ[illegible] under socialism? N. Kovaleva. Vop. ekon. [illegible] 118 Jl '61.

REPAIR AND SUPPLY STATIONS

(see also subdivision under Krasnodar Territory, Perm Province)

Machinery rented out for land improven[illegible] and supply stations. V. V. Tolov, M. G. V[illegible] I. [illegible] soob. VNIESKH no. 4:66-71 '58.

REPAIR AND SUPPLY STATIONS—ACCOUNTING

Wages for timekeepers. Sel'. mekh. no. 7:20 '61.

REPATRIATION see subdivision under White Russia

REPRODUCTION

Reproduction of fishes in artificial spawning tracts in Kakhovka Reservoir. N. D. Belyi. Ryb. k[illegible] 25-27 '61.

Significance of vitamin A in the reproductive function of cows. M. M. Tiupich. Biul. nauch.-tekh. inform. VIZH no. 1:35-39 '58.

REPTILES

(see also subdivision under Aral Sea region, Soviet Central Asia)

The "weep" of sea reptiles and birds. M. G. Zaks. Priroda 50 no. 8:104-106 Ag '61.

RESCUE WORK

In the wide spaces of the Pacific. Oleg Ravinskii. Smena 38 no. 14:10 Jl '61.

When a friend calls. P. Shvets. Smena 38 no. 15:23 Ag '61.

RESEARCH

Accounting and control in research institutes. I. Ostro[illegible]lianchik. Bukh. uchet 18 no. 6:20-23 Je '61.

New scientific achievements of the Soviet Union [with summary in English, p. 184]. Vop. filos. 15 no. 7:3-16 '61.

RESEARCH, INDUSTRIAL see subdivision under Leningrad; United States

RESEARCH LIBRARIES

Let's open up the collections of patent and technological literature. S. Golubeva. Bibliotekar' no. 8:35-38 '61.

RESEMBLANCE, PROTECTIVE see Mimicry (Biology)

RESERVOIRS

(see also subdivision under Dnieper Valley; Moscow)

Biohydrochemical classification of reservoirs in the European part of the U. S. S. R. [with summary in English on page 452]. I. V. Baranov. Izv. VNIORKH 50:279-322 '61.

Classification of reservoirs based on their fishery aspects and methods of estimating their fish yields [with summary in English on pages 454-455]. P. V. Tiurin. Izv. VNIORKH 50:429-444 '61.

Developing technical specifications and standards for design of rural water reservoirs. IU. E. Kazarnovskii. Dokl. TSKhA no. 55:359-364 '60.

Effect of industrial waste waters on the fishery aspects of reservoirs [with summary in English on page 454]. A. G. Gusev. Izv. VNIORKH 50:411-428 '61.

Effect of water level variations on the formation of fish stocks in reservoirs [with summary in English on page 454]. P. V. Tiurin. Izv. VNIORKH 50:395-410 '61.

Formation of benthic fauna in reservoirs of the U. S. S. R. and their classification [with summary in English on page 453]. TS. I. Ioffe. Izv. VNIORKH 50:341-351 '61.

RESERVOIRS (Continued)

Formation of fish stocks in reservoirs of the U S S R [with summary in English on pages 153-454] P A Driagin Izv. VNIORKH 50 382-384 '61

Formation of the parasite fauna and diseases of fishes in reservoirs [with summary in English on page 195] O N Bauer Izv VNIORKH 50 445-151 '61

Fundamental information on existing and planned reservoirs and reservoirs under construction in the U S S R. O P Antipova. Izv VNIORKH 50 261-269 '61

Preface Izv VNIORKH 50 3-1 '61

Role of reservoirs in altering nature S. L Vendrov Izv AN SSSR Ser geog no 4 45-57 Jl-Ag '61

Zooplankton of reservoirs and its role in the feeding of fishes [with summary in English p 152-453] P L Pitoshnikov Izv. VNIORKH 50 323-310 '61

RESINS, SYNTHETIC

(see also subdivision under Latvia)

Effect of gamma radiation on the dielectric properties of electric insulating materials Part 5' Compounds of polyester and epoxide resins E S Nesmeiova, K A Vodopianov, B I Vorozhtsov Izv. vys ucheb zav , fiz no 2 120-124 '61

KM-2 paste for gluing felt to the drum of polishing machines. R. A. Mirkovich, G. P. Plotnikova Der prom 10 no. 7 21-22 Jl '61.

New decorative coatings based on diallyl phthalate (from "Modern Plastics," no 12, 1960) Plast massy no 7 72-73 '61

Process of swelling of poly(vinyl chloride) resins I N Tsvetkov, I. F Kanavets, M P Polikanova Plast massy no 7 3-8 '61

Use of spiral coil refrigerators in the manufacture of resins A V. Pinaev, I B Zhilinskii Trudy MIKHM 16 71-82 '58

RESONATORS

Variation of the excitation interval for a capillary singing flame. V N Podymov, P A Norden Izv. vys ucheb zav , fiz no 1 134-137 '61

RESONATORS, ELECTRIC see Electric resonators

RESPIRATION

Activity of the deglutition and respiratory centers during excitation of the superior laryngeal and vagus nerves under hyperventilation and exsanguination [with summary in English]. G. IA. Prilma, V. A Minkina. Fiziol. zhur. 46 no. 3 305-309 Mr '60.

Atonia of the respiratory center in a frog [with summary in English]. O P. Minut-Sorokhtina, G. N. Sorokhtin, M. B. Temper. Fiziol. zhur. 46 no. 3, 298-304 Mr '60.

Dynamics of respiratory disorders in patients with poliomyelitis [with summary in French] R I Melamed, R I. Test, E V. Gaevskii. Zhur. nevr i psikh. 61 no 3 329-334 '61.

Effect of the removal of the adrenal substantia medullaris on conditioned reflex regulation of cardiac activity and respiration in cats during ontogenesis [with summary in English]. M. I. IAkovleva. Fiziol. zhur. 46 no. 3; 291-298 Mr '60.

Investigation of gas exchange in irradiated animals performing muscular work I. V. Bondarenko Radiobiologiia 1 no 2 242-246 '61

Marshak, M. E. [Regulation of respiration in man] Regulatsiia dykhaniia u cheloveka, Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 265 p.

Respiration of greatly modified variants of Aspergillus nidulans obtained as a result of the action of ultraviolet rays [with summary in English]. N. M. Verbina. Mikrobiologiia 29 no. 2 190-194 Mr-Ap '60

Respiratory and vascular reflex changes during the formation of positive and negative conditioned reflexes [with summary in English]. A. A. Rogov, T. T. Gorlanova, N. T. Kovaleva. Fiziol zhur. 46 no. 3; 284-290

Semenov, V. N. [Organization of production in public eating establishments, lectures for students of the technology departments of commercial institutions of higher learning] Organizatsiia proizvodstva predpriiatii obshchestvennogo pitaniia, lektsii dlia studentov tekhnologicheskikh fakul'tetov torgovykh vuzov. Moskva, Gos. izd-vo torg. lit-ry, 1961. 84 p.

RESTAURANTS, LUNCHROOMS, ETC.—ACCOUNTING

see subdivision under Sverdlovsk

RESTAURANTS, LUNCHROOMS, ETC.—AIR CONDITIONING

Gogolin, A. A. [Air conditioning in stores and restaurants; survey of foreign equipment] Konditsionirovanie vozdukha v predpriiatiiakh torgovli i obshchestvennogo pitaniia, obzor zarubezhnoi tekhniki. Moskva, Gos. izd-vo torg. lit-ry, 1958. 97 p.

RESTAURANTS, LUNCHROOMS, ETC.—AUDITING AND INSPECTION

Concern for the people is first and foremost. T. Dremeev. Sov profsoiuzy 17 no. 13 13-15 Jl '61.

RESTAURANTS, LUNCHROOMS, ETC.—SANITATION

Prokof'ev, V. P. [Hygienic aspects of public food service] Gigiena obshchestvennogo pitaniia. Izd. 2., perer. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 218 p. (Biblioteka srednego medrabotnika)

Rusin, N. M., and V. L. Gnocvala. [Some problems in food hygiene in rural areas] Nekotorye voprosy gigieny pitaniia v sel'skoi mestnosti. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 146 p. (Biblioteka sanitarnogo vracha)

RESTAURANTS, LUNCHROOMS, ETC.—TECHNOLOGICAL INNOVATIONS

Mechanization and automation of labor-consuming operations in grocery-trades and public-dining enterprises G A. Kaliazin, G N Orlov Mekh i avtom. proizv 15 no 7 26-30 Jl '61.

RETAIL TRADE

(see also subdivision under Bryansk, Glusha, Bobruysk District, Moscow, Orenburg Province, Uzbekistan)

Aid further trade development with credit M Zotov Den i kred 19 no 7 14-20 Jl '61

Clear the way for everything new and progressive Sov potreb koop. 5 no 6 2-5 Je '61

"Commodity stocks in consumers' cooperatives" by R. A. Lokshin Reviewed by V. Tiukov. Vop. ekon no. 7 133-137 Jl '61.

Improvement in serving the rural population I Maizus, Sov torg 34 no. 7; 21-25 Jl '61

Let's equal the best! Sov. torg. 34 no 6 3-6 Je '61.

Methods to determine the economic efficiency of progressive methods of commerce N Strogov Sov potreb koop 5 no 8 27-30 Ag '61

[Trade abroad; organization, new methods, and equipment of trade and public food service.] Torg. za rub., org., nov. metody, tekh. torg. i mass. pit. no. 8 '61.

RETAIL TRADE—ACCOUNTING

(see also subdivision under Sverdlovsk)

Accounting organization in local markets. A Kuprienko. Bukh uchet 18 no 6 44-46 Je '61

RETAIL TRADE—EQUIPMENT AND SUPPLIES

New exhibits in a demonstration hall. V. Lutsau. Sov. torg 34 no 6; 53-54 Je '61

RETAIL TRADE—LAWS AND REGULATIONS

[Regulations of the work of commercial enterprises, and regulations of the sale of merchandise, collection of normative material] Pravila raboty torgovykh predpriiatii, pravila prodazhi tovarov; sbornik normativnykh materialov. Moskva, Gos. izd-vo torg. lit-ry, 1961. 882 p.

RETAINING WALLS

Retaining wall made of precast reinforced concrete. E. N. Bulgakov. Prom. stroi. 39 no. 7 54-55 '61.

RETICULO-ENDOTHELIAL SYSTEM

Changes in the absorbing function of cells of the reticuloendothelial system in animals following intravenous administration of thrombin and thromboplastin V. E. Pastorova Nauch. dokl vys shkoly, biol. nauki no 3 98-101 '61

RETINA—DISEASES

Disturbance of color sense in some diseases of the retina [with summary in English]. N. N. Kolychev. Oft. zhur. 16 no. 4; 213-217 '61.

RETINA—TUMORS

Case of familial disease of the eye with retinoblastoma. M. F. Faibisovich Oft. zhur. 16 no 4 251 '61.

RETIRED MILITARY PERSONNEL—EMPLOYMENT

At the forefront of the seven-year plan. L. Lubennikov. Komm Vooruzh Sil 1 no. 1, 30-33 O '60.

Participants at the Plenum of the Central Committee of the CPSU speak. Starsh. -serzh no. 2 2-3 F '61.

REUTHER, WALTER PHILIP, 1907-

A "merry-andrew," advertisements, and the facts. IU. Kornilov Sov. profsoiuzy 17 no. 15 41-43 Ag '61.

REVOLUTIONISTS

Guro, I. R. [Anton Kostiushko's heroic life] Podvig Antona Kostiushko. Moskva, Gos. izd-vo polit. lit-ry, 1961. 77 p.

REVOLUTIONISTS, JAPANESE

Shiga, Yoshio. [Portraits of Japanese revolutionists. Translated from the Japanese] Portrety deiatelei revoliutsionnogo dvizheniia IAponii, Red. i vstup. stat'ia A. N. Romanova. Moskva, Izd-vo inostr. lit-ry, 1961. 277 p.

REVOLUTIONS

(see subdivision 'Revolution, 1917-1921' under Armada, Bashkiria, Ivanovo-Voznesensk region, Karelia; Kola Peninsula, Leningrad, Russia, Semirech'ye, Siberia; Soviet Far East, Tatar A. S. S. R.; Transbaikalia, Turkestan; Ukraine; Ural Mountain region; subdivision 'Revolution of 1905' under Chita; Russia)

Ivanov, I. K. [V. I. Lenin as the founder of a new theory of socialist revolution] V. I. Lenin, tvorets novoi teorii sotsialisticheskoi revoliutsii. Leningrad, Ob-vo po rasspr. polit. i nauchn. znanii RSFSR, Leningr. otd-nie, 1960. 53 p.
(MH)

The nature of people's democratic revolutions A M Kovalev Vest. Mosk. un. Ser 8 Ekon , filos. 16 no 4 36-52 Jl-Ag '61.

REWARDS (PRIZES, ETC.)

In the Academy of Medical Sciences of the U. S. S. R. Oft. zhur 16 no. 4 256 '61.

Rewards for inventors in construction for the transportation industry B. Bellaev. Avt. dor. 24 no 7 10 Jl '61

Rewarding transportation construction workers with diplomas and medals of the Exhibition of National Achievements. Transp. stroi. 11 no. 7; 38-40 Jl '61

Rewards for participants in the Exhibition of National Achievements of the U. S. S. R. Zhil.-kom khoz. 11 no 6 23 Jl '61

REYNOLDS NUMBER

Theoretical bases of the dependence of the coefficient of local resistance on the geometrical configuration and the Reynolds number. P F Komov Sbor nauch trud Kuib indus inst no 8 323-326 '59.

RHEOLOGY

Methods for studying the rheological (viscosity) properties of polymer solutions and melts G. V. Vinogradov, I. M. Belkin, I. V. Kontukh. Zhur. VKHO 6 no 4 417-421 '61.

RHEOSTATS, ELECTRIC see Electric rheostats

RHEUMATIC FEVER

Bulanovskaia, R. S. [Rheumatic fever in children during the period between attacks and its treatment of health resorts and sanatoriums] Vnepristupnyi period revmatizma u detei i ego sanatorno-kurortnoe lechenie. Moskva, Medgiz, 1960. 239 p.
(DNLM)

Detection of the virus isolated from patients with rheumatic fever in a culture of fibroblasts with the aid of labelled fluorescent serum [with summary in English] S. P. Shurin, V. F. IAvorovskaia, V. P. Lozovoi. Vop. virus. 7 no. 3, 273-276 My-Je '61.

Distribution of the virus isolated from patients with rheumatic fever in the body of the experimentally infected animal [with summary in English]. O. I. Phogova. Vop. virus. 7 no. 3; 280-283 My-Je '61.

Kassirskii, I. A. [Rheumatism will be conquered] Revmatizm budet pobezhden. Moskva, Izd-vo "Znanie," 1961. 29 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6, Biologiia i meditsina, no. 12)

Pathogenesis of cell affection by the virus isolated from patients with rheumatic fever [with summary in English]. S. P. Shurin. Vop. virus. 7 no. 3; 277-280 My-Je '61.

Role of filterable viruses in the etiology of rheumatic fever [with summary in English]. N. N. Vorob'eva, G. D Zalesskii. Vop virus 7 no. 3; 268-273 My-Je '61

Use of the tissue culture method in the study of rheumatic fever [with summary in English]. T. A. Rubina. Vop. virus. 7 no. 3; 284-286 My-Je '61.

Zhukovskii, M. A. [Prevention of rheumatic fever in children] Profilaktika revmatizma u detei. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 17 p. (Sovety roditeliam)
(DNLM)

RHINOCEROS, FOSSIL see subdivision under Oskarovka District; Turgay Gates

RHIZOPUS

Stimulation of the growth of molds by carbon dioxide and the effect of mesotartaric acid on this process [with summary in English]. S. A. Barinova. Mikrobiologiia 29 no. 2; 161-163 Mr-Ap '60.

RHIZOSPHERE MICROBIOLOGY

Effect of mixed organic-mineral fertilizers and intertillage on microbiological processes in the rhizosphere of oak. Li Sian'-dun, Li Hsien-tung. Agrobiologiia no 4,599-604 Jl-Ag '61.

Mycoflora of the oak rhizosphere [with summary in English]. T. P. Sizova, V. B. Vasin. Biul. MOIP. Otd. biol. 66 no. 4 102-115 Jl-Ag '61.

Some data on the root microflora of corn and buckwheat and its influence on the growth of plants. Z. A. Arkad'eva. Nauch. dokl. vys. shkoly, biol. nauki no 3:163-168 '61.

RHODAMINE

Photometric determination of gallium with butylrhodamine B [with summary in English]. L. M. Skrebkova. Zhur. anal. khim. 16 no. 4 422-425 Jl-Ag '61.

RHODESIA, SOUTHERN—TRADE UNIONS

Trade unions in Southern Rhodesia struggle against discrimination and persecution. Reuben Jamela. Vsem. prof. dvizh. no. 2,29-30 F '61.

RHODIUM

System palladium - rhodium - silver. A. A. Rudnitskii, A. N. Khatinskaia, L. S. Duplik. Zhur. neorg. khim. 6 no. 7 1622-1625 Jl '61.

RHODODENDRON see subdivision under Abkhazia

RICE—HARVESTING see subdivision under Krasnodar Territory

RICE—IRRIGATION see subdivision under Rostov Province; Veselyy District

RICKETTSIA

The bedbug as a possible reservoir of Rickettsia burneti; experimental and epidemiological data [with summary in English]. A. B. Daitch. Vop. virus. 6 no. 5;591-598 S-O '60.

Studying the effect of antibiotics and specific sera on the development of viruses and rickettsia in a tissue culture by using microcinematography. Report No. 1 Effect of penicillin on the psittacosis virus and Rickettsia burneti in tissue culture [with summary in English]. A. T. Kravchenko, O. S. Gudima, V. N. Miliutin. Vop. virus. 7 no. 3 300-306 My-Je '61.

Studying the effect of antibiotics and specific sera on the development of viruses and rickettsia in a tissue culture by using microcinematography. Report No. 2: Effect of terramycin on the psittacosis virus and Rickettsia burneti in tissue culture [with summary in English]. A. T. Kravchenko, V. N. Miliutin, O. S. Gudima. Vop. virus. 7 no. 3 307-312 My-Je '61.

RIFLES

Study of weapons material. R. Minin. Voen. znan. 37 no. 8 28 Ag '61.

RIGA—AGRICULTURAL MACHINERY INDUSTRY

Innovators promote technological development. Iu. E. Gershman. Mashinostroitel' no. 7 6-7 '61.

RIGA—COMMUNIST EDUCATION

Interrepublican seminar of political science instructors. I. Khalchenko. Prof.-tekh. obr. 18 no. 6, 23 Je '61.

RIGA—HOUSING FOR PHYSICALLY HANDICAPPED

Fresh air. M. Burenkov. Sots. obesp. 22 no. 7 45-46 Jl '61.

RIGA—RAILROADS—CARS

In the spirit of high-principled criticism and self-criticism. S. Ivanov. Part. zhizn' no 15/16,134-136 Ag '61.

RIGA—SAUSAGES

Experience of the Riga Meat Combine ("Establishing production standards and wages according to output in the sausage industry" by L. Levina, A. Dobronog, F. Rakovskaia. Reviewed by I. Eliseev). Mias. ind. SSSR 32 no. 2 51-52 '61.

RIGA—STUDENT ACTIVITIES

Organizing role of the Communist Youth League activist group in a school. M. K. Dushkina. Sov. pedag. 25 no. 7,75-81 Jl '61.

RIGA—TACHOMETER

News from the factories. Prom. energ. 16 no. 5:54 My '61.

RIGA—WIRE BROADCASTING

Experience of multiprogram broadcasting in Riga. P. Dubult, L. Shteinbuk. Radio no. 4 20-21 Ap '61.

RIGA, GULF OF—WATER—COMPOSITION

Seasonal variation of hydrochemical conditions in the Gulf of Riga (according to the materials of 1950). E. Aunin'. Trudy GOIN no. 59;98-113 '61.

RIGHT OF PROPERTY

Mikolenko, IA. F. [Right of cooperative property in the U.S.S.R.] Pravo kooperativnoi sobstvennosti v SSSR. Moskva, Izd-vo Akad. nauk SSSR, 1961. 158 p.

RIMSKII-KORSAKOV, NIKOLAI ANDREEVICH, 1844-1908

Cantatas of Taneev and Rimskii-Korsakov. G. Polianovskii. Sov. muz. 25 no. 7-94-95 Jl '61.

RING FORMATION see Cyclization

RINGS (ALGEBRA)

Integration on one bicompact ring, and applications to the theory of numbers. E. V. Novoselov. Izv. vys. ucheb. zav.; mat. no. 3,66-79 '61.

Method for solving two-dimensional static problems in the theory of elasticity for doubly connected regions. S. M. Belonosov. Sib. mat. zhur. 2 no. 3;311-365 My-Je '61.

RINGWORM

Disinfection of floating bath houses infected with epidermophytosis, abstract. V. G. Leites. Voen.-med. zhur. no. 3 79 Mr '61.

Incidence and treatment of epidermophytosis on shipboard; abstract. A. S. Solodkov. Voen.-med. zhur. no. 3,78 Mr '61.

Necessary increase in sanitary requirements for baths in connection with L. V. Shevlinkov's articles "Epidemiological characteristics of epidermophytosis and sanitary conditions of baths. A. S. Rozenfel'd. Gig. i san. 26 no. 3;86-87 Mr '61.

Preventing epidermophytosis in the military unit; abstract. I. I. Geller. Voen.-med. zhur. no 3;79 Mr '61.

Role of the hospital in the prevention of epidermophytosis in units, abstract. D. N. Gorbunov. Voen.-med. zhur. no. 3 78-79 Mr '61.

RIVERS

(see also subdivision under East European Plain; Kola Peninsula)

Some problems concerning the erosive and accumulative activity of rivers and cartographic methods of its representation. B. A. Bogoiavlenskii, L. V. Zorin. Trudy Irk. un. 24 209-218 '58.

RIVERS—REGULATION

Characteristics of work involved in diverting the Pechora and the Vychegda into the Volga. G. D. Petrov. Gidr. stroi. 31 no. 7;21-27 Jl '61.

Hydraulic structures in the plan for diverting the Pechora and the Vychegda into the Volga. G. L. Sarukhanov. Gidr. stroi. 31 no. 7 17-20 Jl '61.

Problem of the efficient use of the runoff of northern rivers. G. A. Russo. Gidr. stroi. 31 no. 7 11-16 Jl '61.

Rivers change the course of their flow. V. Stupin. Tekh. mol. 29 no. 6;8 '61.

RIVETS AND RIVETING

Shinkevich, N. I., D. IU. Maiants, and I. V. Mantsvetova. [Collection of problems concerning threaded, welded, and riveted joints] Sbornik zadach po rez'bovym soedineniiam. Obshchaia red. N. I. Shinkevicha. Minsk, redaktsionno-izdatel'skii otdel BPI im. I. V. Stalina, 1961. 93 p.

RIZAL Y ALONZO, JOSE, 1861-1896

Jose Rizal, poet and artist. Mariano Castro. Ogonek 39 no. 27;20-21 Jl '61.

ROACH (FISH) see subdivision under Manych Valley

ROAD CONSTRUCTION

(see also subdivision under Azerbaijan, Georgia; Kazakhstan; Kiev Hydroelectric Power Station region)

Continue the acceleration of technical progress. Avt. dor. 24 no. 7-1-3, 5 Jl '61.

Information. Avt. dor. 24 no. 6-30 Je '61.

Kalechits, E. V. [Basic economic aspects of earthwork operations during continuous construction of roads] Osnovy ekonomiki proizvodstva zemlianykh rabot pri potochnom stroitel'stve dorog. Pod red. V. A. Bochina. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 191 p.

Moshcheriakova, I. P. [Roads with a base course of compacted soil] Dorogi s osnovaniem iz ukreplennogo grunta. Pod red. V. M. Bezruka. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 23 p.

M[illegible]

[illegible]ils, and road dressings for rural roads] Tipovye poperechnye profili zemlianogo polotna, konstruktsii ukrepleniĭ i dorozhnykh odezhd dlia sel'skikh dorog. Moskva, Avtotransizdat, 1961. 64 p.

Organization of soil compaction operations. N. Ivlev. Avt. dor. 24 no. 6;13-14 Je '61.

Temporary connections and detours. D. Pochinskii. Avt. dor. 24 no. 7;10 Jl '61.

They shortened the time required for excavation. P. V. Nazarov. Transp. stroi. 11 no. 7;6-7 Jl '61.

Veitsman, M. I., A. IA. Volkov, and E. F. Leyitskii. [Building automobile roads] Stroitel'stvo avtomobil'nykh dorog. Pod red. N. N. Ivanova. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR.

Pt. 3. [Road construction enterprises and quarries] Proizvodstvennye predpriiatiia i kar'ery. 1961. 318 p.

A worthy greeting for the 22d Congress of the CPSU! Avt. dor. 24 no. 6 6 Je '61.

ROAD CONSTRUCTION—BIBLIOGRAPHY see Bibliography—Road construction

ROAD CONSTRUCTION—CONGRESSES

In the Scientific and Technical Society. Avt. dor. 24 no. 7-27 Jl '61.

ROAD CONSTRUCTION—STUDY AND TEACHING

We answer our readers. Avt. dor. 24 no. 7-32 Jl '61.

ROAD MACHINERY

(see also subdivision under Great Britain)

[Combined road plower and snow plow, construction features, operation, and repair] Strug-snegoochistitel', ustroistvo, ekspluatatsiia i remont. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 94 p. (Bibliotechka putevtsa-mekhanizatora)

D-515 ripper. M. A. Pimin. Stroi. i dor. mash. 6 no. 6-18 Je '61.

Road machinery. IU. G. Manuilov. Mekh. stroi. 18 no. 6-20-22 Je '61.

ROAD MACHINERY—BIBLIOGRAPHY see Bibliography—Road machinery

ROAD MATERIALS

(see also subdivision under Czechoslovakia)

Ashes from thermal electric stations as an addition to mineral mixtures. V. E. Sokolovich. Avt. dor. 24 no. 7,14-15 Jl '61.

Coal slurry raises the quality of bitumen-mineral mixtures. V. P. Volod'ko. Avt. dor. 24 no. 7-13-14 Jl '61.

Composition, structure, and characteristics of bitumens. L. M. Rudenskaia. Avt. dor. 24 no. 6 27-28 Je '61.

Determining the required density of gravelly soils. IU. M. Vasil'ev. Avt. dor. 24 no. 7-9-10 Jl '61.

Lay-out of emulsion plants. I. M. Eventov, V. V. Nazarov. Avt. dor. 24 no. 6 15-17 Je '61.

Manufacture and use of acid emulsions. A. V. Bernshtein, S. V. Egorov, E. M. Nashivanko. Avt. dor. 24 no. 7-16 Jl '61.

Road covering of pitch and soil. Sel'. stroi. 16 no. 6-13 Je '61.

Substitute for mineral powder. L. E. Faktorovich. Avt. dor. 24 no. 7;32 Jl '61.

Utilizing mercury discards. L. M. Bramson, A. G. Popov. Avt. dor. 24 no. 7-31-32 Jl '61.

ROAD ROLLERS

D-460 new hitched vibration road-roller. V. IA. Balakirev, V. I. Okunev. Stroi. dor. mash. 6 no. 6 20-21 Je '61.

Leveling filled ground with a pneumatic roller. IA. P. Ishchenko, V. I. Gritsyk. Mekh. stroi. 18 no. 5 20-21 My '61.

Motor road-roller with frame and rollers made of reinforced concrete. A. P. Bondarenko, V. I. Sukhinin. Stroi. i dor. mash. 6 no. 6 19-20 Je '61.

Pneumatic-tired road rollers. K. P. Varkhotov. Avt. dor. 24 no. 7-29-30 Jl '61.

ROADS

Deformations in road surfaces and the time factor. M. P. Korunskii. Avt. dor. 24 no. 7 25-27 Jl '61.

ROADS—DESIGN

Designing the widening of roadways at curves for the movement of automobile trains. V. A. Bagaeva. Izv. vys. ucheb. zav.; stroi. i arkhit. 4 no. 2,40-45 '61.

Designing upward curves taking into account visual perception of the road. I. V. Begma, E. S. Tomarevskaia. Avt. dor. 24 no. 7;20-21 Jl '61.

Use of graphic representations in planning roads. V. N. Sinebriukhov. Avt. dor. 24 no. 7-18-20 Jl '61.

ROADS—MAINTENANCE AND REPAIR

(see also subdivision under Kazakhstan)

Road in shifting sand. IU. L. Motylev. Avt. dor. 24 no. 6-7-9 Je '61.

ROADS—STANDARDS

Are separate technical specifications necessary for local roads? L. D. Shumilov, V. A. Lebedikhin. Avt. dor. 24 no. 6;31 Je '61.

ROADS, EARTH

Improving the design and techniques of building surfaces of compacted soil. A. I. Bondarenko, K. A. Kniaziuk. Avt. dor. 24 no. 6 12-13 Je '61.

ROADS, CONCRETE

(see also subdivision under Belozersk District)

Building concrete city streets. G. Soskin. Zhil.-kom. khoz. 11 no. 6 25-28 Je '61.

ROADSIDE IMPROVEMENT

(see also subdivision under Kazakhstan)

How to care for roadside plantings. V. I. Pirozhkov. Avt. dor. 24 no. 7;30-31 Jl '61.

ROCK DRILLS

Breaking rock with a three roller bit. P. S. Variamov. Neft. khoz. 39 no. 8;18-20 Ag '61.

ROCK DRILLS (Continued)

Geometric shapes of cutters for rotary boring and kinematics of their motion A D. Imas, M G Karabanov Ugol' Ukr no 6 21-23 Je '61

Use of the UKB-3, 6 r unit for shaft boring in Mine No 4/21 of the Stalinugol' Trust G A Bravinskii Ugol' Ukr. no 6 24-25 Je '61

Using diamond pit tools for drilling the entire area of a well bottom I. A. Utkin Neft khoz 39 no 8 16-17 Ag '61

ROCK PRESSURE

(see also subdivision under Moscow Basin)

Pesliak, IU. A., and K. B. Ruppeneit. [Theory of rock pressure and the method of designing casing pipes] Teoriia davleniia gornykh porod i metod rascheta obsadnykh trub Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961 130 p. (Vsesoiuznyi neftegazovyi nauchno-issledovatel'skii institut. Trudy, no. 31)

ROCKETS (AERONAUTICS)

[Problems of rocket engineering; translations and surveys of foreign periodical literature.] Vop. raket. tekh., sbor. perev. i obz. inostr. period. lit ll no 8 '61.

ROCKETS (AERONAUTICS)—MODELS

TSentral'naia stantsiia iunykh tekhnikov, Moscow. [Our new models] Nashi novye modeli. [Moskva] M-vo kul'tury RSFSR, Izd-vo 'Detskii mir' [1960] 1 fold l (Prilozhenie k zhurnalu "IUnyi tekhnik," no. 5(71))

ROCKETS (ORDNANCE)

Basic parameters of the flight of a ballistic rocket; from the foreign press. V. N. Aniutin. Vest protivovozd. obor. no 3:25-29 Mr '61

Rocket gunners on the alert. A. Katsoev. Starsh. serzh no. 4:2-3 Ap '61

Rockets are ready for firing Sov voin 43 no 16 3-4 Ag '61

ROCKS see subdivision under Bol'shezero Lake region

ROCKS—ANALYSIS

Relationship between bitumen, extracted by chloroform, and lithologic features of rocks. N. A. Zufarova. Vop. geol. vost. okr. Rus. platf. i IUzh. Urala no. 6:99-102 '60.

ROCKS—MAGNETIC PROPERTIES

(see also subdivision under Leninogorsk region, Altai Mountains)

Determining the magnetic properties of rocks with the IAnovskii astatic magnometer. O. A. Solov'ev. Geol. i geofiz. no. 6:103-105 '61.

ROCKS—PERMEABILITY see subdivision under Stavropol Territory

ROCKS—TESTING

Method of determining elastic properties of rock under natural conditions E. G. Gaziev. Gidr strol. 31 no 7 43-44 Jl '61

ROCKS, CARBONATE see subdivision under Chirka-Kem' Valley; Karelia, Yaroslavl Province

ROCKS, CRYSTALLINE AND METAMORPHIC

(see also subdivision under Kara Kum; Ural Mountains)

Sillimanites from metamorphic rocks in Kyakhta District. G. D. Feoktistov Zap. Vost.-Sib. otd Vses. min. ob-va no 1:114-119 '59.

ROCKS, IGNEOUS

Angara
ige;
'orm:

Pathophysiological mechanism of poisoning by diftoran, sodium fluoroacetate, and ethylenefluorhydrin in rodents. M. V. Kirzon, L. B. Borisova. Vest. Mosk. un. Ser. 6 Biol., pochv. 16 no 4 11-25 Jl-Ag '61

Prospects for a search for a thermal mixture to produce insecticide-rodenticide aerosols R A. Tararin Voen.-med zhur no 8:69-71 Ag '60

Specific differences of the process of diftoran poisoning in animals. M. V. Kirzon and others. Vest. Mosk. un. Ser. 6 Biol. pochv. 16 no. 4 26-33 Jl-Ag '61.

RODIONOV, SERGII PETROVYCH, 1898-1961

Sergii Petrovych Rodionov; obituary. Geol. zhur. 21 no. 3:102-103 '61

ROGNEDINO—PENSIONS

Even an assistant needs assistance! Sots. obesp. 22 no 7 21-22 Jl '61.

ROGOZHKINO—BRACHIOPODA

Valuable food for young sturgeons. P. I Nechaev. Ryb. khoz 37 no 6 32-35 '61.

ROLLER BEARINGS

Ways of lengthening the service life of cylinder roller bearings V. M Chebanenko Vest TSNII MPS 20 no 4:36-39 '61.

ROLLER BEARINGS—TESTING

Results of the study of the working conditions of the diesel engine crank roller bearings. L D Shteinberg. Vest. TSNII MPS 20 no. 4,32-35 '61

ROLLERS (EARTHWORK)

Roller with electric drive. R. Shlegel' Stroitel' no. 6 10 Je '61

Wooden bearings in the ZKK-6 roller. L. Eginteev. Tekh v sel'khoz. 21 no 7:89-90 Jl '61.

ROLLING (METALWORK)

Determining forces needed for pulling strips through edge rolls L G Kostin Trudy KhPI 21 Ser. met. no 4 133-139 '59

Heating the rolls with exhaust gases. M L. Gapunik. Sbor rats predl. vnedr. v proizv no 2,19-20 '61

Improve the interregional distribution of ferrous metal rolling B. Fastovskii Plan khoz. 38 no. 6:74-79 Ag '61.

Mezhvuzovskaia nauchno-tekhnicheskaia konferentsiia na temu: "Sovremennye dostizheniia prokatnogo proizvodstva," Leningrad, 1958. [Proceedings of the Scientific Technical Conference of Institutions of Higher Learning on the Subject "Recent Achievements in Metal Rolling"] Trudy... Pod red. V. S. Smirnova. Leningrad.
Vol. 2. 1959. 445 p.

Nauchno-tekhnicheskaia konferentsiia po voprosam razvitiia proizvoditel'nykh sil Kievskogo ekonomicheskogo raiona. [Hot working of metals, transactions of the Scientific-Technical Conference on the Development of the Production Forces of the Kiev Economic Region] Gorlachaia obrabotka metallov; trudy. Kiev, Izd-vo Akad nauk USSR.
No. 2. 1960. 142 p.

New technological processes for rolling KhVP steel. N. P. Vasilevich and others Sbor rats. predl. vnedr. v proizv. no. 1 23 '61

ROLLING (METALWORK)—QUALITY CONTROL

Quality control methods for forge-rolled joints A. P. Murarov Trudy LKI no. 29:171-179 '59.

ROLLING MILLS

(see also subdivision under Cherepovets; Germany, West; Magnitogorsk; Sumy Province; Vladimir Province; Volga Valley)

Automatic control of the transfer roll table of the 2250 rolling mill. P. K. Protsenko. Sbor. rats. predl. vnedr. v proizv. no. 1:24 '61.

sign of center-shaft pads of the 700 roll-
Rutus. Sbor rats predl. vnedr. v
l.

nd tension in cold rolling mills.
zv vys. ucheb. zav., elektromekh.

guide conduits. N. I. Grebenni-
vnedr. v proizv no. 2,23-24 '61.

ce of leaders into building practice.
13-14 Je '61.

ok. agit. [Sov. Armii] no. 15:36-37

by N. Kozlov. Stroitel' no. 2:30

olling mill shops with direct coun-
ces. N. M. Reskovich. Izv. vys.
i no. 7:61-68 Jl '61.

ING
ns for rolling mills. B. T. Elagin.
:28-32 '61.

INOLOGICAL INNOVATIONS
nder Magnitogorsk)
ams on the chain transfer. V. S.
edl. vnedr. v proizv. no. 1:22 '61.

New design of the edging mechanism and movable driving roll table for the 280 rolling mill Sbor rats. predl. vnedr. v proiz. v no 1 19-22 '61

ROLLS (IRON MILLS)

Felgin, G. D. [Organizing the storage and maintenance of iron mill rolls] Organizatsiia vaikovogo khoziaistva. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii. Sverdlovskoe otd-nie, 1961. 118 p. (Obmen peredovym opytom)

ROLLS (IRON MILLS)—TESTING

Investigating surface smoothness of rolling-mill rolls N V. Maksimov Trudy KhPI 21 Ser. met. no 4:69-72 '59

ROMANITSKII, BORIS VASIL'EVICH, 1891-

Kordiani, B. F. [Boris Vasil'evich Romanitskii, People's Actor of the U. S. S. R.] Boris Vasil'evich Romanitskii, narodnyi artist SSSR. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1960. 50 p. illus. (Dekada ukrains'koi literatury ta mystetstva)
(MH)

ROMANOV, MIKHAIL FEDOROVICH, 1896-

Bernatskaia, R. P. [Mikhail Fedorovich Romanov, People's Actor of the U. S. S. R.] Mikhail Fedorovich Romanov, narodnyi artist SSSR. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1960. 37 p. (Dekada ukrains'koi literatury ta mystetstva)
(MH)

ROME—BIOGRAPHY

Plutarchus. [Parallel lives; in three volumes. Translated from the classical Greek] Stavnitel'nye zhiznepisaniia; v trekh tomakh. Izd. podgotovili S. P. Markish i S. I. Sobolevskii. Moskva, Izd-vo Akad. nauk SSSR. (Literaturnye pamiatniki)
Vol. 1 1961. 502 p.

ROME—HISTORY

How Rome struggled with Parthia between the first and second triumvirates. I. D. Holovko Mat. z arkheol. Piva, Prychor no 3 113-125 '60

"On the seven hills" by M IU German, B P. Seletskii, IU P Suzdal'skii Reviewed by IA. N. Limborskii Prep ist v shkole 16 no 4 108-110 Jl-Ag '61

ROME—RAILROADS—STATIONS

Rome's terminal station. Zhel. dor. transp 43 no 6 83-86 Je '61

ROOF-TRUSSES see Trusses

ROOFING

Increasing the permeability to water in roofing materials B. S Genin, A S Kupisynova. Izv. AN Turk SSR Ser fiz.-tekh., khim. i geol. nauk no. 3:53-58 '61

Performance of heated asbestos cement roofs of rolling mills S. V. Diatkov Prom. stroi. 39 no. 6:48-54 '61.

Waste paper converted into roofing materials. N. Karpov, A. TSybul'nik. Musl. prom. i khud. promys. 2 no. 6:15 Je '61.

ROOFING, CONCRETE

Prestressed concrete double-cantilever slabs for the roofs of industrial buildings. M. G Bril', B. S. Ginzin, V. A. Grishin. Prom. stroi. 39 no 5:34-36 '61

Roofs of industrial buildings made of standardized elements B. V Gorenshtein, G. G. Vinogradov Stroi. i arkhit. Len. 23 no 7 19-20 Jl '61.

ROOFS

Arched roofs made without forms for farm construction G. M. Balkanov, I. A Lukashenko. Strol. mat. 7 no 7, 18-21 Jl '61

Condition of roofs of industrial buildings made of autoclaved cellular concrete. E. S. Silaenkov, R A Zaris. Prom. stroi 39 no. 5:58-62 '61.

Experimental physicomechanical studies of the roofs of high temperature shops with precast reinforced concrete slabs S V Diatkov, Izv. vys ucheb zav., stroi. i arkhit. 4 no. 3:63-70 '61

Failures of roofing joints of industrial buildings near longitudinal expansion joints and possible ways to eliminate them. B. I. Truba. Trudy Ural. politekh. inst. no. 109:107-112 '61.

Instructions on the assembly and use of roofs made of common corrugated asbestos cement sheets. Biul. stroi. tekh. 18 no. 6:6-7 Je '61.

New types of arched roofs. B. A. Mironkov. Stroi. i arkhit. Len. 23 no 7,28-30 Jl '61

New types of prefabricated roofs. I. V. Smekh. Sbor. nauch. rab. Inst. bud. i arkhit. AN BSSR no. 3:41-44 '60

Results of the built-up roofs competition. M. Tupolev, B. Bogdanov. Stroi i arkhit. Mosk. 10 no. 6 20-24 Je '61.

ROOFS, SHELL

Arch shells made of interchangeable blocks. A. IA. Zinov'ev, V. P. Drozzhin Stroi. i arkhit. Len 23 no. 7:27-28 Jl '61

ROOFS, SHELL (Continued)
Limiting conditions in the design of shallow shells by a method of finite differences. I F Berezovskii Shor nauch. rab. Inst bud i arkhit AN RSSR no 3,15-53 '60
Precast reinforced concrete shells. B. Vasil'kov. Na stroi. Bea. no. 5:31-32 My '61.

ROOT TUBERCLES
Effect of different planting methods on root nodule formation in soybeans A S Ragimov Izv. AN Azerb. SSR Ser biol i med nauk 3 37-40 '61

ROPE
Composite tie ropes I. M. Babaian, A. T. Vetrov. Shor rats predl vnedr v proizv no. 1 26 '61

ROPEK, JIRI
Evenings of organ music. O. Zarnitskaia, N. Gureeva. Sov. muz. 25 no. 7 97-98 Jl '61.

ROSTOV—GRAIN MILLING
At the Rostov Great Mill V. Serebrianskii, E. Radiosova Muk -elev. prom 27 no 4:18-19 Ap '61

ROSTOV-ON-DON—CONSTRUCTION INDUSTRY
Correspondence between two housing administrations. G. Cholakov, N. Spotkai, A Uskov. Zhil. -kom khoz li no 5:6-7 My '61.
Fulfill the seven-year plan in five years T Dudkina. Strotel' no 6 22-23 Je '61

ROSTOV-ON-DON—INFLUENZA
Characteristics of "polyavid" strains of A2 influenza viruses isolated in Rostov-on-Don. R. I. Avtorova. Vop. virus. 7 no. 3:367-370 My-Je '61.

ROSTOV-ON-DON—RUSSIAN SOCIAL DEMOCRATIC PARTY
Batorgin, M. P., and G. I. Chentsova. [Ivan Chentsov; study of a worker's revolutionary career] Ivan Chentsov, ocherk o boevom puti rabochego-revoliutsionera. [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1961. 136 p.

ROSTOV PROVINCE—DISABILITY EVALUATION
Verification of original disability evaluation reports is indispensable. A. Melnukhin. Sots. obesp. 22 no. 8: 25-27 Ag '61.

ROSTOV PROVINCE—GRAPES—IRRIGATION
Viticulture in the leveed and irrigated section of the Don flood plain. M. A Prokof'ev Shor trud. IUzhNIIGiM no. 6:19-31 '58.

ROSTOV PROVINCE—IRRIGATION FARMING
Agricultural and economic effectiveness of the Azov irrigation system. V. D Koval'. Shor. trud IUzhNIIGiM no 6:183-195 '58.

ROSTOV PROVINCE—MACHINERY INDUSTRY—PRODUCTION STANDARDS
In the Rostov Economic Region G. G. Gubarev Mashinostroitel' no 8 17-18 Ag '61

ROSTOV PROVINCE—MARKETING RESEARCH
Comrade Bagin's conclusions are correct, but his suggestions are not. P. Savchenko Sov. potreb. koop. 5 no 7 28-29 Jl '61.

ROSTOV PROVINCE—ONIONS—IRRIGATION
Onion culture on irrigated bottom lands. V. A. Bukina. Shor. trud. IUzhNIIGiM no. 6:205-206 '58.

ROSTOV PROVINCE—PRODUCE TRADE
Let's pay more attention to cooperative trade in the cities V. Burmistrov. Sov. potreb. koop. 5 no. 8: 12-15 Ag '61

ROSTOV PROVINCE—RICE—IRRIGATION
Changes in the physicochemical properties of Solonetz and terrace Chernozem soils in permanently submerged rice fields of Rostov Province. Shor. trud. IUzhNIIGiM no. 6:227-241 '58.

ROSTOV PROVINCE—SUGAR BEETS—IRRIGATION
Irrigated sugar beet culture on the bottom lands of Rostov Province. K. P. Bolarchuk. Shor. trud. IUzhNIIGiM no 5:32-46 '58.

ROSTOV PROVINCE—SUNFLOWERS—IRRIGATION
Study of problems in the irrigation of sunflowers in Rostov Province. B. A. Shumakov, I. P. Kruzhilin. Shor. trud. IUzhNIIGiM no. 6:154-163 '58.

ROSTOV PROVINCE—TOMATOES
Culture of irrigated tomatoes sown directly into open ground. I. I. Smorodin. Shor. trud. IUzhNIIGiM no 6: 171-176 '58.

ROSTOV PROVINCE—WATER RESOURCES DEVELOPMENT
Utilization of waters of the Sal River basin in organizing the feed supply in eastern districts of Rostov Province. B. M. Mzareulov. Shor trud. IUzhNIIGiM no. 6:47-53 '58.

ROTARY CONVERTERS
Increase in the operational reliability of motor-generators for driving dust-supplying units. I. P. Kononov. Energetik 9 no. 3:16-18 Mr '61.

ROTARY KILNS see Kilns, Rotary

ROTATING AMPLIFIERS
Concerning the faults of the 2, 5-type amplidyne amplifiers. L. G. Rubo. Prom. energ. 16 no. 5.61 My '61.
Experimental determination of the parameter of amplidynes A. T. Blazhkin. Izv. vys. ucheb zav., elektromekh. 4 no. 3:123-137 '61
Experimental study of the reaction of commutational and eddy currents in a transverse field amplidyne F. A. Serdiuk, A. I. Skorospeshkin. Izv. vys. ucheb zav., elektromekh. 4 no 3 96-101 '61.
Investigation of the transient processes in an autodyne L S Pisarik Izv vys. ucheb. zav; elektromekh 1 no. 4 85-93 '61
Semigraphical method for calculating the mechanical characteristics of automatic control systems with transverse field amplidynes O V. Popov. Izv AN SSSR, Otd tekh. nauk, Energ i avtom. no 3:148-158 My-Je '61.

ROTATING BODIES
Experimental research on the rotation of bodies. S. V. Maiashenko. PMTF no. 3:205-211 S-O '60
Investigation of the particular case of the rotary motion of a material segment around its center of inertia. A. I. Rybakov. Vest. Mosk. un. Ser. 3 Fiz., astron. 16 no. 3 83-89 My-Je '61.

ROTATING MASSES OF FLUID
Spin-type stationary detonation B. V. Voitsekhovskii. PMTF no. 3:157-164 S-O '60.

ROURKELA—METALLURGICAL PLANTS
Incidents in Rourkela. I. A. Nov. vrem. 10 no. 28:21-22 Jl '61.

ROWAN
New settler in the garden IUn nat. no 7 27 Jl '61

ROYAL JELLY
Effect of a water-soluble extract of royal jelly from the honeybee on various viruses [with summary in English] A. Derevici, A. Petrescu. Vop. virus 6 no 5.611-614 S-O '60.

ROZENSHTEIN, MIKHAIL EVSTAF'EVICH, 1879-1910
Doroshin, Kh. G. Mikhail Rozenshtein. Petrozavodsk, Gos. izd-vo Karel'skoi ASSR, 1961. 62 p.

ROZHDESTVENO (LENINGRAD PROVINCE)—COLLECTIVE FARMS
The laboring class has helped. S. Korol'kov, L. Molotkov. Sov profsoiuzy 17 no. 13 9-11 Jl '61.

RUANDA-URUNDI—POLITICS AND GOVERNMENT
The colonizers are preparing for a "second Congo" in Ruanda-Urundi. V. Karpushina. Mir. ekon. i mezhdunar. otn. no. 7.104-106 Jl '61.

RUBBER, SYNTHETIC
Determination of the regularity of the structure of isoprene rubbers based on the character of 1, 4 link additions. A. T. IAkubchik and others. Zhur. prikl khim 34 no. 7 1608-1611 Jl '61.

RUBBER, SYNTHETIC—TESTING
Nature and strength of cross-linkages in radiation vulcanizates of polysiloxane rubbers. I IA. Poddubnyi, S. V. Aver'ianov, L. A Aver'ianova. Dokl. AN SSSR 139 no 3:651-653 Jl '61

RUBBER INDUSTRY see subdivision under Dnepropetrovsk; Moscow

RUBBER TIRES see Tires, Rubber

RUBINSHTEIN, EVGENIIA SAMOILOVNA, 1891-
Evgeniia Samoilovna Rubinshtein; on her 70th birthday and 45th anniversary of scientific activities T. V Pokrovskaia. Meteor. i gidrol no 8:61-62 Ag '61.

RULERS (INSTRUMENTS)
Oparin, M. F., and B. M. Saturin. [Device for determining dimensions of oblique triangles] Pribor dlia opredeleniia parametrov kosougol'nykh treugol'nikov. Leningrad, 1961. 11 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Mekhanicheskaia obrabotka metallov, no. 1)

RUMANIA
Regards to Rumania! Nov. vrem. 19 no 31-2 Jl '61.

RUMANIA—ARCHAEOLOGY
"A study of Istrian antiquities" [in Rumanian]. Vol. I. Reviewed by P. I. Karyshkovs'kyi Mat. z arkheol. Pivn. Prychor. no. 3:279-281 '60

RUMANIA—BIBLIOGRAPHY
[New literature on European people's democracies and Slavic studies: Rumania.] Nov. lit. po evrop. stran. nar. dem. i slav.: Rum. no. 3 '61.
[New literature on European people's democracies and Slavic studies: Rumania.] Nov. lit. po evrop. stran. nar. dem. i slav.: Rum. no. 6 '61.

RUMANIA—COMMUNIST PARTY
How the Rumanian Communist Party struggled for the destruction of the state of the bourgeoisie and landed gentry and the establisment of the government of the Rumanian people L Lorints, I Chetarki Sov. gos i pravo 31 no 8 71-82 Ag '61

RUMANIA—COST ACCOUNTING
Principal methods for calculating industrial production costs and accounting for production expenditures in the Rumanian People's Republic K. Popescu Bukh uchet 18 no 6 71-76 Je '61.

RUMANIA—COSTS, INDUSTRIAL
Principal methods for calculating industrial production costs and accounting for production expenditures in the Rumanian People's Republic K Popescu Bukh uchet 18 no 6 71-76 Je '61

RUMANIA—ECONOMIC CONDITIONS
After 17 years. A. Ciupianu. Agitator no. 15:23-25 Ag '61

RUMANIA—ECONOMIC POLICY
Source of our dynamism. Mircea Radulescu. Nov vrem. 19 no. 32 3-5 Ag '61

RUMANIA—FRENCH LANGUAGE—STUDY AND TEACHING
Teaching the French language in schools of the Rumanian People's Republic. V. S TSetlin. Inostr iaz. v shkole no. 2:97-103 Mr-Ap '61.

RUMANIA—HISTORY
How the Rumanian Communist Party struggled for the destruction of the old and the establishment of the new governmental system V. A. Golovin. Sov. gos i pravo no 11.51-61 N '60.

RUMANIA—HYDRAULIC ENGINEERING—PERIODICALS
Survey of the Rumanian magazine "Hidrotehnica" during 1960 M. A Kornukhin Gidr. stroi 31 no 7 63-3 of cover Jl '61.

RUMANIA—INFLUENZA
Biological characteristics of influenza virus strains isolated in Russia; relation to strains isolated during the influenza epidemic in February and March 1959 [with summary in English]. A. Derevici, A. Bromick, A. Petrescu. Vop. virus. 6 no. 5:560-564 S-O '60

RUMANIA—ORTHODOX EASTERN CHURCH—PERIODICALS
"Biserica Orthodoxa Romina," journal of the Rumanian Orthodox Church, in the first half of 1960 V Vladimirov Zhur Mosk Pati no 7 76-77 Jl '61

RUMANIA—PLYWOOD INDUSTRY
New Plywood Combine in Rumania. A. V. Smirnov. Der prom 10 no. 6 26-28 Je '61.

RUMANIA—TRADE UNIONS—CONGRESSES
An event of tremendous importance. Costica Alecou. Vsem. prof. dvizh no 2:16-19 F '61.

RUMEN
Nitrous substances in the rumen of cattle. V. M. Holovach. Visnyk sil'hosp nauky 4 no 8:111-113 Ag '61

RUMIANTSEV, PETR ALEKSANDROVICH, 1725-1796
Third volume of documents in the "P. A. Rumiantsev" series, covering the period 1775-1796. Reviewed by G. Volchenkov. Voen. ist. zhur. 3 no. 4:99-102 Ap '61.

RUMINANTIA—PARASITES see Parasites—Ruminantia

RUNNING see subdivision under Moscow

RUNOFF see subdivision under Krasnodar Territory

RURAL CONDITIONS
Our village is marching into tomorrow. F. Generalov. Blok. agit. [Sov. Armii] no. 23:38-42 Ag '61.

RURAL ELECTRIFICATION
Leading role of the Ukrainian party organization in the mobilization of collective farmers for the carrying out of rural electrification during the fourth five-year plan. I. I. Onyshchenko. Zbir. st. vykl. ist. KPRS vuz. Ukr RSR 1:154-175 '58.

RURAL LIBRARIES
(see also subdivision under Dnepropetrovsk Province; Novopokrovka District; Orel Province; Stavropol Territory; Tyazhin District)
An example for others N. Kudriashkin. Bibliotekar' no. 8.8-10 Ag '61.
Friend and adviser of the collective-farm worker. Bibliotekar' no. 8:21-23 Ag '61.
Interest in books is growing. D. Zainullina. Bibliotekar' no 8:16 Ag '61.
Let us concern ourselves with the development of inventiveness. V. Kobel'kova. Bibliotekar' no. 8:24-27 Ag '61.
Library of an experimental station Bibliotekar' no. 8: 4-5 Ag '61.

RURAL LIBRARIES (Continued)

One of many. A Solontsov Bibliotekar' no 7 57-58 Jl '61

Rural librarian answers questions Bibliotekar' no 8 17-19 Ag '61.

Visit as on the farm Z Kononova Bibliotekar' no 8 20-21 Ag '61

The work of the collective farm is the work of the library. V Zolotykh, L Il'inova Bibliotekar' no 8:6-8 Ag '61

RURAL SEWERAGE see Sewerage, Rural

RURAL WATER SUPPLY see Water supply, Rural

RUSETSKII, IOSIF IOSIFOVICH, 1891-

Iosif Iosifovich Rusetskii on his 70th birthday Zhur nevr i psikh 61 no 4 634-635 '61

RUSSELL, BERTRAND RUSSELL, 1872-

The problems of atheism in Bertrand Russell's philosophy T.B.Savina. Vest.Mosk un.Ser.8 Ekon ,filos. 16 no 4 76-84 Jl-Ag '61

RUSSIA

Dawn of a new era Kostiantin Kudievs'kyi Nauka i zhyttia 11 no 5 1-3 My '61

Great victory Kryl. rod 12 no. 5:1 My '61

The party is leading us to new victories. Vest protivovozd obor no 3 3-7 Mr '61

RUSSIA—AIR FORCE

Back in the ranks. L Belousov. Kryl. rod. 12 no. 4 24-25 Ap '61

Brave ones are in the air. A. Golikov Ogonek 39 no 28-4 Jl '61

Festival of winged people. A Golikov Ogonek 39 no 29 2-4 Jl '61

Flights are the main concern of the staff A P Silant ev Vest Vozd Fl no 2 26-40 F '61

Heroes of our days. G.A.Semenikhin. Vest Vozd. Fl no. 2 18-25 F '61.

The joy of creative work D. Alekseev. Blok agit [Sov Armii] no.16-17-21 Je '61

The powerful wings of our country A.G Rytov. Blok. agit [Sov Armii] no 16 1-9 Je '61

Vukolov, V.S. [Dzherzhinskii Regiment] Polk imeni Dzerzhinskogo, Moskva, Voen izd-vo M-va obor. SSSR, 1961. 45 p.

We shall carry out our plans. B. Makeev, komm. Vooruzh Sil 1 no 13,47-49 Jl '61

RUSSIA—AIR FORCE—FUEL

By pipeline to the airfield A IAkuba. I Podorozhko Tyl i snab Sov Voor Sil 21 no 4 70-73 Ap '61

RUSSIA—ARMED FORCES

Activity of military councils, political agencies, and party organizations in strengthening unity during the period of the Great Patriotic War. V.Pigurnov. Voen.ist.zhur. 3 no.4 47-56 Ap '61.

Excellent military preparedness is our contribution for the party congress. Blok agit [Sov Armii] no 22 1-7 Ag '61

For the happiness of our motherland Vest. Vozd. Fl. no. 2 1-5 F '61.

Let's be vigilant, let's intensify our military preparations, from Comrade N. S Khrushchev's speech at the meeting of the representatives of the Moscow people on the occasion of the 20th anniversary of the beginning of the Great Patriotic War. Blok agit [Sov Armii] no 19;1-5 Jl '61.

Our endeavors for the congress. Starsh. -serzh no. 2: 2 F '61

Soldiers make their contributions for the party congress, Blok.agit. [Sov.Armii] no.20;9-15 Jl '61.

We are efficiently carrying out the decisions of the conference. B.Lisitchuk. Blok.agit. [Sov.Armii] no.21 7-9 Jl '61.

We should carry our obligations in the communist way. A.V.Makridin, Blok.agit. [Sov.Armii] no.17 2-3 Je '61.

We summon the soldiers who belong to the Communist Youth League to glorious deeds. Blok.agit. [Sov. Armii] no.21-1-6 Jl '61.

RUSSIA—ARMED FORCES—COMMISSARIAT

Organization of the food service in units and in the Navy. D Stroganov, K Naidanov Tyl i snab. Sov Voor Sil 21 no 4 55-60 Ap '61

RUSSIA—ARMED FORCES—DEMOBILIZATION

They are ready to start their valiant work. A.Makridin, I Kulikov. Komm Vooruzh.Sil 1 no.1.61-65 O '60

RUSSIA—ARMED FORCES—MEDALS, BADGES, DECORATIONS, ETC.

Procedure in awarding the "outstanding soldier" badge to Soviet servicemen Komm. Vooruzh.Sil 1 no 1: 80-81 O '60

RUSSIA—ARMED FORCES—OFFICERS

Be skillful in combining exactingness and concern with regard to your subordinates. I. F. Khalipov. Vest. protivovozd. obor. no. 3 8-12 Mr '61.

Learn foreign languages. S.Orlov, V.Konoplianik. Voen.vest. 40 no 4 67-60 Ap '61.

Procedure in transferring officers. Vest.protivovozd. obor. no.4 71-72 Ap '61.

RUSSIA—ARMED FORCES—PERIODICALS

This is also your periodical, comrade sailors! Starsh.-serzh no 4 5 Ap '61

RUSSIA—ARMED FORCES—POLITICAL ACTIVITY

Brief news of party and political work. Komm. Vooruzh. Sil 1 no 1 95-96 O '60.

Brief news of party and political work Komm. Vooruzh. Sil 1 no 13;94-96 Jl '61

Brief news of party and political work Komm Vooruzh Sil 1 no 16 91-96 Ag '61

Communists are the tireless warriors of the party Komm Vooruzh Sil 1 no 1 5-10 O '60

For the rigorous vigilance and military preparedness of the Armed Forces Komm. Vooruzh Sil 1 no 1 42-14 O '60

Important, useful, and interesting notes. Blok. agit. [Sov Armii] no 15;23-24 Je '61

It's important, useful and interesting, from the letters of military reporters Blok. agit [Sov Armii] no 16 36-37 Je '61

The layout of visual propaganda in military units. Komm Vooruzh Sil 1 no 1 81-84 O '60

Leadership of the CPSU is the principal source of the strength of our Armed Forces V Morozov, F Riabov Komm Vooruzh Sil 1 no 1 11-16 O '60.

Let's persistently follow the party line in the work of political organizations F Golikov Komm Vooruzh Sil 1 no 1 17-25 O '60

Let's work rationally, purposefully, and effectively. Komm Vooruzh Sil 1 no 13-8-15 Jl '61

More attention to the political education of youth A Slavskii Komm Vooruzh. Sil 1 no. 13;56-58 Jl '61

Our thoughts are always with you and our hearts belong to you, our dear party! Komm Vooruzh Sil 1 no.16, 38-42 Ag '61.

Propagandists are the ideological warriors of the party. Komm Vooruzh Sil 1 no 13 3-7 Jl '61.

Propagandists should go to the places where they can help to improve our military preparedness. Blok. agit. [Sov.Armii] no.20-18-19 Jl '61.

The recommended method is the most effective weapon in the hands of the leaders of political study groups L Lukanin Komm. Vooruzh. Sil 1 no 16 82-86 Ag '61.

So that your talks may interest your audience I Vostryshev Blok. agit [Sov Armii] no 16-30-42 Je '61.

We learn to work and live as our Il'ich did. F Strel'tsov. Blok agit [Sov Armii] no 16 21-24 Je '61.

What are the functions of the secretaries of military party organizations? Komm. Vooruzh. Sil 1 no. 13;85-86 Jl '61

What can we learn from the early results of the work of party committees E Mal'tsev Komm Vooruzh Sil 1 no 13 32-37 Jl '61.

You should nobly serve our country! A. Egorin. Blok. agit [Sov Armii] no. 15,34-35 My '61.

RUSSIA—ARMED FORCES—REGULATIONS

Here is how regulations were developed. I. Semenov. Starsh -serzh no 2 12-13 F '61

Regulations of the Soviet Armed Forces Control the whole life of Soviet soldiers. A. Eremenko. Komm. Vooruzh Sil 1 no.1:75-79 O '60

RUSSIA—ARMY

"Birth of the Red Army" by V. V. Britov. Reviewed by V Bukharov, A Tarasov Prep ist v shkole 16 no 4. 103-105 Jl-Ag '61

Concern for soldiers A. Telishenko Komm. Vooruzh. Sil 1 no 16-63-67 Ag '61

Dashing offensive; from a colonel's notebook. V. Karpov. Blok.agit. [Sov.Armii] no.20-20-24 Jl '61.

In the name of a great purpose. M Kalashnik. Sov. voin 43 no 16,13-14 Ag '61.

Inflated indications. A.Shkudov. Voen.vest. 40 no.4: 70 Ap '61.

Let's follow our "beacon lights." Blok.agit.[Sov.Armii] no.19-26-27 Jl '61.

Sharing the people's thoughts and feelings. P.Semichev. Voen.vest. 40 no.4-9-11 Ap '61.

V.I.Lenin's fight with the "military opposition" at the Eighth Congress of the Russian Communist Party (Bolshevik). A.Danilevskii. Voen.ist.zhur. 3 no.4: 3-11 Ap '61.

A word from leading soldiers ("Military specialists tell their story." Book review). Sov.voin 43 no.8:25 Ap '61.

RUSSIA— ARMY—AIRBORNE TROOPS

Feverish activity. N.Natal'in, IU.Pavlov. Komm. Vooruzh Sil 1 no.16.60-63 Ag '61.

RUSSIA—ARMY—APPOINTMENTS AND RETIREMENTS

A soldier retires.... A. Veprev. Voen.vest. no.9: 48-51 S '60.

RUSSIA—ARMY—ARTILLERY

Checking on military preparedness A. Terekhov, Nach agit [Sov. Armii] no 22 16-17 Ag '61

"Stories about 'Katiusha'" by M. Sonkin. Reviewed by P. Anchatskii. Sov.voin 13 no.8-25 Ap '61.

We try to do our best [U. Vasil'ev. Komm Vooruzh. Sil 1 no. 13,49-50 Jl '61

RUSSIA—ARMY—BARRACKS AND QUARTERS

If a group undertakes something A Pilipchuk Tyl i snab Sov Voor Sil 21 no 1 61-62 Ap '61

Maintain company quarters according to regulations N. Petrov, N Khor Tyl i snab. Sov Voor Sil 21 no 4 63-64 Ap '61

RUSSIA—ARMY—COMMISSARIAT

Annual economic plan of a unit and the campaign to fulfill it N Levchenko Tyl i snab Sov Voor Sil 21 no 1 46-51 Ap '61

New regulation on the food supply Tyl i snab Sov Voor Sil 21 no 4 60 Ap '61

RUSSIA—ARMY—EDUCATION, NONMILITARY

Cadets learn to conduct political lessons. N. A. Gapinevich. Vest protivovozd obor. no. 3 71-72 Mr '61.

"Each soldier and his name are the most important factors in educational work" by F. I. Podapligorets. Reviewed by M. Aksenov. Blok.agit. [Sov.Armii] no.21 44-45 Jl '61.

It's very interesting. S. Bellaev. Komm. Vooruzh Sil 1 no. 13;65-66 Jl '61

Officers prepare research papers. V. Perfilov. Komm Vooruzh. Sil 1 no 13-66-67 Jl '61

Soldiers must have books. S. Dumikin Sov. voin 43 no 16:41 Ag '61

Unused potentialities N. Basov. Komm Vooruzh Sil 1 no 16:68-73 Ag '61

Was that really caused by the lack of time? V Kotov. Komm Vooruzh Sil 1 no. 13;68 Jl '61

RUSSIA—ARMY—FUEL

Fuel supply for units operating in a forested mountain locality A Pechinin Tyl i snab Sov Voor Sil 21 no 4 37-40 Ap '61

Refueling point for vehicles on the march A Solenov Tyl i snab Sov Voor Sil 21 no 4 41-43 Ap '61

Useful measures A Volkov Tyl i snab Sov. Voor Sil 21 no. 1 27-28 Ap '61

RUSSIA—ARMY—GUARD DUTY

Guard duty which lasts for weeks. A. Sakharov Starsh.-serzh. no 1 13 Ja '61.

RUSSIA—ARMY—HANDBOOKS, MANUALS, ETC.

Sergeants speak about a book for sergeants. P Kondrashin. Starsh.-serzh. no. 1;14 Ja '61

RUSSIA—ARMY—HISTORY

Sazonov, I. F. [First Guards; military history of the Order of Lenin First Guards Rifle Division] Pervaia gvardeiskaia; boevoi put' 1-i gvardeiskoi ordena Lenina strelkovoi divizii. Moskva, Voen. Izd-vo M-va obor. SSSR, 1961. 230 p.

RUSSIA—ARMY—MEDALS, BADGES, DECORATIONS, ETC.

Member of three Orders of Glory. V. Mel'nikov. Voennan. 37 no 8-8 Ag '61

RUSSIA—ARMY—MILITARY LIFE

Let's persistently develop fraternal contacts between the Soviet Army and the Soviet people. A Dralagin Komm. Vooruzh Sil 1 no.16,43-47 Ag '61

Love ennobles the life of soldiers; comments on I. Selishchev's article "Friendship, love, and the integrity of Soviet soldiers." Blok.agit. [Sov.Armii] no.21 35-41 Jl '61.

Play harmonica, tell. G. Sapozhnikov. Starsh.-serzh no 4-37 Ap '61.

Their native villages are before their eyes. Starsh.-serzh, no.1;3 Ja '61.

RUSSIA—ARMY—NONCOMMISSIONED OFFICERS

"Faith in a man." Reviewed by S. Utekhin. Sov. voin 43 no 16 42 Ag '61.

Gratitude of a veteran. M. Pis'mennyi. Starsh.-serzh. no 2:9 F '61.

RUSSIA—ARMY—OFFICERS

In love with life. N. Taranenko. Sov. voin. 43 no. 8:7-8 Ap '61.

A step forward. N. Zav'ialov. Voen. vest. no. 9:51-54 S '60.

Training young officers; from district newspapers. Voen.vest. 40 no.4:119-122 Ap '61.

RUSSIA—ARMY—PERIODICALS

Sharp, militant weapon of the party. Vest. protivovozd. obor. no. 5:37 My '61.

RUSSIA—ARMY—POLITICAL ACTIVITY

Carry on party and political work continuously. N.I. Borisov. Vest. protivovozd obor. no. 5:8-12 My '61.

RUSSIA – ARMY – POLITICAL ACTIVITY (Continued)

Command personnel need practice in political work. G. Belousov. Voen.vest. 40 no.4 12-15 Ap '61.

Communist Youth League, propagandist, and leader. V. Torgov. Blok.agit. [Sov. Armii] no.17 26-30 Je '61.

Each Communist Youth Leaguer should actively participate in public life V Prudnikov Komm Vooruzh Sil 1 no 13:62-64 Jl '61.

May our propagandists improve their talks. V. Shishov. Blok.agit. [Sov. Armii] no.21 10-12 Jl '61.

Nonsalaried instructors work among the members of the Communist Youth League V. Luzhetenko. Komm Vooruzh Sil 1 no 1 68-71 O '60

Our propagandists have raised their ideological and theoretical qualifications I Sidorenkov Komm. Vooruzh Sil 1 no.1 57-61 O '60.

Propagandistic talks during field exercises. I. Chuguev. Blok.agit. [Sov. Armii] no.20 25-27 Jl '61.

When the systematic verification of the execution of assignments is lacking G Kamenir Komm. Vooruzh. Sil 1 no.1 65-67 O '60

RUSSIA—ARMY—REGULATIONS

"Law of life for the soldier." Reviewed by S. Ural'skii. Voen znan 37 no 8 39 Ag '61

Our consultation. Starsh. serzh. no. 4 16 Ap '61

RUSSIA—ARMY—SIGNALING

Signal siren. P. Korolev. Voen.vest. 40 no. 1-109-110 Ap '61.

RUSSIA—ARMY—SPORTS

Season of great expectations M Merzhanov. Starsh.-serzh no 2 38-39 F '61

Speed and endurance decide V. Korol'kov Sov. voin 43 no 16-15 Ag '61

Sports activities Blok. agit [Sov. Armii] no.16 43 Je '61

RUSSIA—CIVIL DEFENSE

Let us greet the 22d Congress of the CPSU in the communist way. Voen znan. 37 no 8 1-2 Ag '61

Planning the work of a committee. Voen. znan. 37 no 8 19 Ag '61

RUSSIA—COMMERCE

At the First Bearing Plant. V. Pavlov. Vnesh. torg. 41 no 6,17 '61

Book on domestic trade in prerevolutionary Russia ("Domestic trade in prerevolutionary Russia" by G A. Dikitin) Reviewed by G. Shaidurov) Sov potreb koop 5 no 7 63-64 Jl '61

"Economics of Soviet commerce" by B. I Gogol' Reviewed by G Blank. Sov potreb koop 5 no. 8,63-64 Ag '61

Holovach, A. V., and V. I. Ivanyts'kyi. [Commodity and monetary relations during the period of large-scale building of communism] Tovarno-hroshovi vidnosyny v period rozhornutoho budivnytstva komunizmu. Kyiv, 1961. 46 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 3, no. 3)

Important section of foreign trade work. D. Aleksandrov. Vnesh torg 41 no. 6,38-39 '61.

Let's perfect the material and technical base of commerce Sov torg 34 no 7,3-5 Jl '61.

The mail orders for "Moskvichs" are being prepared for shipment M Mikhailov. Vnesh torg 41 no 6:18-19 '61

Only of the best quality! IA. Alipov. Vnesh. torg. 41 no 6:18 '61

Pavlov, D. V. [Development of Soviet trade during the postwar years] Razvitiie sovetskoi torgovli v poslevoennye gody. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1958. 37 p. (Sovetskaia ekonomika) (NNC)

Production should be ahead of demand. IA. Orlov. Sov. potreb koop 5 no 8 46-49 Ag '61

With the trademark of the 2d Moscow Watch Factory. A. Kamenskii Vnesh. torg 41 no. 6:10 '61.

RUSSIA—COMMERCE—BRAZIL

Soviet-Brazilian trade relations Vnesh. torg. 41 no. 7 insert 7 Jl '61.

RUSSIA—COMMERCE—GREAT BRITAIN

Joint communiqué on Soviet-British trade relations. Vnesh. torg 41 no. 7 insert. 6 Jl '61.

RUSSIA—COMMERCE—ITALY

New step in the development of Soviet-Italian commerce Vnesh torg. 41 no 7 insert 10-12 Jl '61.

RUSSIA—COMMERCE—JAPAN

The Soviet industrial trade fair in Japan. M.V.Nesterov. Nov.vrem. 19 no.33:16 Ag '61.

With our Japanese neighbors. Nov. vrem. 19 no. 35:3-4 Ag '61.

RUSSIA—COMMUNIST PARTY see Communist Party of the Soviet Union

RUSSIA—CONSPIRACY OF DECEMBER, 1825

"Early history of the Russian liberation movement; collected articles on the Conspiracy of December 1825" by S. N. Chernov. Reviewed by S. B. Okun'. Ist. SSSR 5 no. 4,186-189 Jl-Ag '61

RUSSIA—CONSTITUTION

Russia (1917– R. S. F. S. R.) Constitution. [Constitution (fundamental law) of the Russian Soviet Federated Socialist Republic, with amendments adopted at the third session of the Fifth Supreme Soviet of the R. S. F. S. R.] Konstitutsiia (osnovnoi zakon) Rossiiskoi Sovetskoi Federativnoi Sotsialisticheskoi Respubliki. S izmeneniiami i dopolneniiami, priniatymi na III sessii Verkhovnogo Soveta RSFSR, piatogo sozyva. Moskva, Gos. izd-vo jurid. lit-ry, 1960. 34 p.

Russia (1923– U. S. S. R.) Constitution. [Constitution (fundamental law) of the Union of Soviet Socialist Republics, with amendments adopted at the fifth session of the Fifth Supreme Soviet of the U. S. S. R.] Konstitutsiia (osnovnoi zakon) Soiuza Sovetskikh Sotsialisticheskikh Respublik. S izmeneniiami i dopolneniiami, priniatymi na piatoi sessii Verkhovogo Soveta SSSR piatogo sozyva. Moskva, Gos. izd-vo jurid lit-ry, 1960. 29 p.

RUSSIA—CULTURE

Day of the present and day of the future Teatr 22 no 7 3-8 Jl '61

Khrushchev, N. S. [Toward new successes in literature and art, a condensed version of a speech made at a meeting with representatives of the Soviet intelligentsia on July 17, 1960 during receptions in honor of writers and composers of the R S F S R.] K novym uspekham literatury i iskusstva, sokrashchennoe izlozhenie vystupleniia na vstreche s predstaviteliami sovetskoi intelligentsii 17 iiulia 1960 goda, na priemakh v chest' pisatelei i kompozitorov RSFSR. Moskva, Gos. izd-vo polit. lit-ry, 1961, 30 p.

RUSSIA—DESCRIPTION AND TRAVEL

Ionov, A. V. [On the road to Moscow; travel sketches] Po doroge na Moskvu; putevye ocherki. Stalino, Knizhnoe izd-vo, 1960. 123 p. (MH)

RUSSIA—ECONOMIC CONDITIONS

Be thrifty Viktor Astaf'ev. Smena 38 no. 9:2-3 My '61.

[The building of a socialist society in the U. S. S. R.] Postroenie sotsialisticheskogo obshchestva v SSSR; materialy po tret'ei teme. Moskva, Izd-vo TsK VLKSM "Molodaia gvardiia," 1948. 38 p. (V pomoshch' slushateliam politshkol)

A country of great achievements. I. Laponogov. Mezhdunar. zhizn' 6 no. 9:82-90 S '61.

Disintegration of the peasantry and so-called primary accumulation in Russia [with summary in English, pp. 220-221] N. L. Rubinshtein. Vop. ist no 8:61-85 Ag '61

For you, and people of the Soviet Union; facts and figures. Agitator no. 15;34-36 Ag '61

The 43d anniversary of the Great October Socialist Revolution, material for lectures and talks. Komm Vooruzh. Sil 1 no.1 34-41 O '60.

Great achievements R. Nikhai Belarus' 16 no 7 1-2 Jl '61

Happy New Year! Voiov ateist no. 1:3-5 Ja '61.

How Soviet historiography has presented the state capitalism of monopolist enterprises during the First World War [with summary in English, pp 217-218]. K. N. Tarnovskii Vop. ist. no 7:33-53 Jl '61.

[Our great motherland] Nasha velikaia Rodina. Moskva, Gos. izd-vo polit. lit-ry, 1961. 613 p.

A revolutionary holiday of progressive forces. A. Kositsyn Otv. na vop. trud. no 4-2-12 '61.

The Soviet Union in many respects is far ahead of America, notes of an American tourist. Harry Freeman. Blok.agit. [Sov. Armii] no. 19;43-3 of cover Jl '61.

"Studies in the Russian economic history of the first half of the 19th century, collected articles." Reviewed by K. K. Demikhovskii. Ist SSSR 5 no. 4 189-193 Jl-Ag '61

Successes in work are for you, our party! Ogonek 39 no. 30;2-3 Jl '61.

The time of marvelous achievements. V. Burnosau. Belarus' 16 no. 8;1 Ag '61.

We successfully carried out Lenin's program. N. P. Rostopchin. Blok.agit. [Sov. Armii] no. 20,2-3 Jl '61.

Welcoming the 22d Congress of the CPSU with labor achievements. Plan. khoz. 38 no. 8 3-7 Ag '61.

RUSSIA—ECONOMIC GEOGRAPHY see Geography, Economic

RUSSIA—ECONOMIC POLICY

All for you, Soviet man! V pom. chit. no. 20;21-26 '61.

"American economists are doubtful." Mezhdunar. zhizn' 8 no. 9;110-111 S '61

A banner which calls for the struggle for communism [with summary in English, p 184]. D. M Kukin. Vop filos. 15 no. 8,28-39 '61.

[Collected articles on the five-year plan for the restoration and development of the national economy of the U. S. S. R. from 1946 to 1950] Sbornik statei o piatiletnem plane vosstanovleniia i razvitiia narodnogo khoziaistva SSSR na 1946-1950 g. g. Briansk, Izd-vo gazety "Brianskii rabochii," 1947. 112 p.

Communists and all White Russian workers unanimously approve the proposed program. Komm Bel 35 no 8; 101-112 Ag '61

Economic and technical foundation of a communist society M. Sakov Kommunist 36 no 12,57-68 Ag '61

Fighting program of communism. Tekh.v sel'khoz. 21 no.8-1-3 Ag '61.

From coast to coast of the Soviet Union Kommunist 36 no.13-78-82 S '61

The gain of time in the economic competition of two social and political systems. IU. Kormnov, V Terekhov, V. Chertko Kommunist 36 no 13:61-70 S '61

Great program of the building of communism. Agitator no. 15;3-12 Ag '61

Great program of the building of communism. Sov. profsoiuzy 17 no 16 4-7 Ag '61

Great program of the struggle for communism. Blok. agit. [Sov. Armii] no. 23 2-17 Ag '61.

The great program of the struggle for communism. Komm Vooruzh Sil 1 no 16 19-26 Ag '61

Greatest document of our time Bibliotekar' no. 8 1-3 Ag '61.

The greatest document of scientific communism. Komm Mold. 6 no. 8 95-107 Ag '61.

Imposing program of the struggle for communism. Komm. Ukr. 37 no. 8 93-100 Ag '61.

In the Economics Research Institute of the U. S. S. R. State Economic Council G. Samborskii Vop ekon no 8:158-160 Ag '61

Introducing mathematical methods and calculating machines in planning. N. Kovalev. Plan khoz. 38 no. 8 15-25 Ag '61.

Let the party and the Soviet people discuss these drafts Part zhizn' no 15/16 97-103 Ag '61

Manifesto of communism. Nov. vrem. 19 no. 32-1-3 Ag '61.

Our epoch's great document. Vop. ekon no. 8;3-14 Ag '61

A program of the building of communism [with summary in English, p 184]. Vop. filos 15 no. 8-3-14 '61

Proposed program of the Communist Party of the Soviet Union, Komm. Mold. 6 no. 8 3-60 Ag '61.

Proposed program of the Communist Party of the Soviet Union. Komm Bel 35 no 8;2-84 Ag '61.

Proposed program of the Communist Party of the Soviet Union, Komm. Ukr. 37 no. 8 3-78 Ag '61.

Proposed program of the Communist Party of the Soviet Union. Part. zhizn' no 15/16, 3-81 Ag '61.

Resolutions of the plenary session of the Central Committee of the Communist Party of the Soviet Union Voen-med. zhur. no. 8, 3-6 Ag '60.

The Soviet Union in 1960. A. Alekseev. Nov. vrem. 19 no 35,5-7 Ag '61

[Struggle of the CPSU for completing the building of socialism, 1953-1958; documents and materials] Bor'ba KPSS za zaversheie stroitel'stva sotsializma, 1953-1958 gody; dokumenty i materialy. Moskva, Gos. izd-vo polit. lit-ry, 1961. 695 p.

Suggested amendments of the proposed program of the CPSU Kommunist 36 no 13 87-89 S '61

The theory of scientific communism in action L. Il'ichev Kommunist 38 no. 13 9-21 S '61

The time of marvelous achievements. V. Burnosau Belarus' 16 no. 8;1 Ag '61.

Victory of Lenin's ideas V. Novozhinin and others. Sov. profsoiuzy 17 no. 16;8-9 Ag '61.

The voice of the party is the voice of our people. Kommunist 38 no.13-3-8 S '61.

We are marching toward communism. V. Chernova. Blok. agit. [Sov. Armii] no. 18;25-33 Je '61.

With the Communists of the "Trekhgornaia manufaktura" Factory. O Sokolov, G Shitarev Kommunist 38 no 13-71-77 S '61

The world in 20 years. S. Strumilin Kommunist 36 no. 13 25-36 S '61

The world press comments on the proposed program of the CPSU. Kommunist 38 no. 12;110-117 Ag '61.

RUSSIA—FOREIGN ECONOMIC RELATIONS—CHINA

New Sino-Soviet agreements on coopera torg 41 no. 7;10 '61.

RUSSIA—FOREIGN ECONOMIC RELAT

Cuban cooperators in the U. S. S. R. 5 no. 7;1-2 Jl '61.

RUSSIA—FOREIGN ECONOMIC RELAT MANY

Economic negotiations between the U. German Democratic Republic. Vne insert;7-8 Jl '61.

RUSSIA—FOREIGN ECONOMIC RELAT

Tohoku, the "left side" of Japan. I. I sag. no 7 23-25 Jl '61.

RUSSIA—FOREIGN ECONOMIC RELAT

Fraternal friendship in growing stor 41 no. 6;16 '61.

People's Mongolia expands its foreign [with English summary in insert]. Vnesh. torg. 41 no. 7;19-24 '61.

RUSSIA—FOREIGN ECONOMIC RELATIONS—NIGERIA

In an atmosphere of friendship and mutual understanding Vnesh torg 41 no 7 24 '61

RUSSIA—FOREIGN ECONOMIC RELATIONS—SOMALIA

Signing of the Soviet-Somalian agreements Vnesh torg 41 no 7 16 Jl '61

RUSSIA—FOREIGN RELATIONS

"Documents concerning the foreign policy of the U S S R , 1958" [in German] Reviewed by S A. Vostrosablina Ist SSSR 5 no 4 214-215 Jl-Ag '61.

"Documents concerning the foreign policy of the U S S R" Vol 4 Reviewed by L K Kobliakov Vop ist no. 8 132-137 Ag '61

For the preservation of peace and the happiness of mankind ("Foreign policy of the Soviet Union, 1960" by N S Khrushchev Vols 1-2 Reviewed by N. Alent'eva Part zhizn' no 15/16 152-155 Ag '61

The historical mission of communism. V Kolionov. Mezhdunar zhizn' 8 no 9 3-11 S '61

Ideas which promote peace and communism ("Foreign policy of the Soviet Union" by N S. Khrushchev Vol 1 (January-May, 1960) Book review. Kommunist 38 no 13 92-97 S '61

Lenin's principle of the peaceful coexistance of two economic and political systems and its further development by the 20th Congress of the CPSU M S Zolotar'ov Zbir st vykl ist KPRS vuz Ukr RSR 1-3-26 '58

Let's be vigilant, let's intensify our military preparations, from Comrade N S Khrushchev's speech at the meeting of the representatives of the Moscow people on the occasion of the 20th anniversary of the beginning of the Great Patriotic War Blok agit [Sov Armii] no 19 1-5 Jl '61

Peaceful coexistence is a necessary condition for the development of human society [with summary in English, p 184] IU A Krasin Vop filos 15 no 8 40-51 '61

Znamenskaia, L. I. [What peaceful coexistence of the two systems means] Chto oznachaet mirnoe sosushchestvovanie dvukh sistem. [Moskva] Mosk. rabochii, 1959. 51 p. (Reshenila XXI s"ezda KPSS v massy)

RUSSIA—FOREIGN RELATIONS—FRANCE

"Franco-Russian relations and the security of Europe" by IU V. Borisov Reviewed by I M Tabagua. Vop ist no. 7;158-159 Jl '61.

RUSSIA—FOREIGN RELATIONS—JAPAN

With our Japanese neighbors. Nov. vrem. 19 no. 35;3-4 Ag '61

RUSSIA—FOREIGN RELATIONS—MONGOLIA

New Soviet ambassador Sovr. Mong. 6 no 1;9 Ja '61.

RUSSIA—FOREIGN RELATIONS—SOMALIA

Important contribution to the development and strengthening of Soviet-Somalian relations. Vnesh torg. 41 no. 7 insert 8-9 Jl '61.

RUSSIA—FOREIGN RELATIONS—UNITED STATES

Thoughts of an American diplomat ("The U.S. versus the U S S R , ideologies in conflict" [in English] by Robert A. Fearey. Reviewed by B Bykhovskii). Nov vrem 19 no. 34 30-31 Ag '61

RUSSIA—GEOGRAPHY see Geography

RUSSIA—HISTORIOGRAPHY

Discussing the publications of the Publishing House of Social and Economic Literature. Ist SSSR 5 no. 4. 232-233 Jl-Ag '61

Some problems relating to historical periods in the development of Soviet historical studies N. V. Efremenkov. Ist SSSR 5 no 4;98-102 Jl-Ag '61

"Ten days devoted to Soviet historiography" in the M. E Saltykov-Shchedrin Public Library. Ist SSSR 5 no. 4 233 Jl-Ag '61.

RUSSIA—HISTORY

Brief notes. Vop. ist. no. 7;181-184 Jl '61.

Brief notes. Vop. ist. no. 8 172-174 Ag '61.

The centenary of the abolition of serfdom in Russia. Ist. SSSR 5 no 4;229-231 Jl-Ag '61

Discussing the problem of the military-feudal aspects of Russian imperialism Ist. SSSR 5 no. 4;223-227 Jl-Ag '61.

From the history of Russian free thought in the early 19th century. L. A Kogan Vest. ist. mir. kul't. no 3 101-114 My-Je '61.

A group for studying the Russian political movement after the Reform of 1861. V. A. Tvardovskaia. Vop. ist no. 7; 173-174 Jl '61.

"History of the U. S. S. R.; a textbook " Reviewed by A. I. Gukovskii, S. S. Dmitriev, P. G. Sofinov. Ist SSSR 5 no. 4;157-163 Jl-Ag '61

"History of the U. S. S. R.; a textbook." Reviewed by V. A. Ezhov, S. B Okun', A. L. Shapiro. Vop. ist, no. 8. 125-132 Ag '61.

"Imminence of the revolutionary crisis in Russia in the early 20th century" by P. S. Gusiatnikov. Reviewed by IU. V. Kurskov. Vop ist. no. 7;151-152 Jl '61.

Kiriushin, B. T. [Course of Russian revolutionary spirit; an historical sketch of the revolutionary movement and social thought in Russia] Puti rossiiskoi revoliutsionnosti, ocherk istorii revoliutsionnykh dvizhenii i obshchestvennoi mysli v Rossii. [Frankfurt a. M.] Posev, 1959 245 p. (RPB)

Lvov. Universytet. [Problems in the history of the U S. S. R.] Pytannia istorii SRSR [L'viv] Vyd-vo L'viva'kogo univ., 1958. 140 p. (NN)

Markov, L. S. [Beginning of the labor movement and spread of Marxism in Russia, 1883-1894] Nachalo rabochego dvizhenila i rasprostranenie marksizma v Rossii 1883-1894 gg.; lektsila. Otv. red. A G. Lipkina. Moskva, M-vo vysshego i srednego spetsial'nogo obrazovanila RSFSR, 1960. 27 p. (MH)

[Our great motherland] Nasha velikaia Rodina. Moskva, Gos. izd-vo polit. lit-ry, 1961 613 p.

Policy of the Russian Government during the first intensification of revolutionary activity, Valuev's political project of 1863 S. M Baikova. Vestsi AN BSSR Ser hram, nav no 2:67-79 '61.

"Reformation movements in Russia from the 14th to the first half of the 16th century" by A. I Klibanov Reviewed by A L Khoroshkevich Ist. SSSR 5 no 4: 199-203 Jl-Ag '61

"Revolutionary situation in Russia from 1859 to 1861 " Reviewed by E G. Bushkanets. Ist. SSSR 5 no 4 180-184 Jl-Ag '61

RUSSIA—HISTORY—SOURCES

Documents and materials relating to Soviet history in French archives and the manuscript divisions of French libraries I N. Minaeva Ist SSSR 5 no 4. 216-222 Jl-Ag '61

Information relating to Russia in the 16th and 17th century periodicals of Western Europe. A I Goldberg Vop ist. no. 7;204-207 Jl '61

Soviet letters during the Great Patriotic War as a historical source. B. I. Zhukhkov, V. A. Kondrat'ev. Ist SSSR 5 no 4 103-114 Jl-Ag '61

RUSSIA—HISTORY—STUDY AND TEACHING

Classes on generalization and review of the history of the U S S R in the seventh grade. S G. Nudel'man Prep ist v shkole 16 no 4 55-63 Jl-Ag '61.

Excursions to the museum with seventh-grade students in connection with the course on the history of the U S S. R A V. Gusarkina Prep ist v shkole 16 no 4 63-69 Jl-Ag '61.

RUSSIA—HISTORY—TEXTBOOKS

Let's intensify the atheistic trend in the textbooks on the history of the U S S. R. N S Gordienko. Prep ist. v shkole 16 no 4 95-97 Jl-Ag '61

RUSSIA—HISTORY, MILITARY

Third volume of documents in the "P. A. Rumiantsev" series, covering the period 1775-1796. Reviewed by G. Volchenkov. Voen. ist. zhur. 3 no. 4;99-102 Ap '61.

RUSSIA—INDUSTRIES

Great achievements of our seven-year plan. Blok. agit [Sov. Armii] no. 22 22-23 Ag '61

Make full use of the unused potentialities of local industry. V. Beliaev. Sov. deput. trud. no. 8;13-17 Ag '61.

Our achievements between two party congresses. Blok. agit [Sov Armii] no. 18-33-36 Je '61

Pogodin-Alekseev, G. I. [Achievements in science and technology and the progressive practices of industry and construction] Dostizhenila nauki i tekhniki i peredovoi opyt v promyshlennosti i stroitel'stve. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1958-1960. No. 3, No. 4. (CU)

Shein, P. A. [Potentials for the saving of material resources] Rezervy ekonomii material'nykh resursov. Moskva, Izd-vo "Znanie," 1961. 44 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, Ekonomika, no. 13) [MICROFILM]

Soviet workers prepare their presents for the party congress. Blok. agit. [Sov. Armii] no. 19;28-32 Jl '61.

We work for thee, our country! Blok. agit. [Sov. Armii] no. 22;26-29 Ag '61.

RUSSIA—INVASION OF 1812—FICTION

Danilevskii, G. P. [Moscow burned; a historical novel] Sozhzhennaia Moskva; istoricheskii roman. [Moskva] Mosk. rabochii, 1960. 264 p. (CU)

RUSSIA—LITERATURES

Akademiia nauk SSSR. Institut mirovoi literatury. [The development of the modern Soviet novel] Puti razvitiia sovremennogo sovetskogo romana. Moskva, Izd-vo Akad. nauk SSSR, 1961, 361 p.

Debates on heritage. Arfo Petrosian. Znamia 31 no. 8· 204-213 Ag '61.

RUSSIA—MANUFACTURES

Consumers' goods for the Soviet people. Blok. agit. [Sov. Armii] no. 21 19-20 Jl '61.

RUSSIA—NAVY

Faithful guardians of the seashores of the U. S. S. R. S. Gorshkov. Komm Vooruzh Sil 1 no 13;25-31 Jl '61.

Guarding the seacoasts of our country. V. A. Bokun. Blok. agit. [Sov. Armii] no. 16-1-8 Je '61.

Heroic deed of a boiler operator. Blok. agit. [Sov. Armii] no 18-10-11 Je '61.

In a great rise. N. Lanin. Sov voin 13 no. 16-16-17 Ag '61.

In the communist way. Blok. agit. [Sov. Armii] no. 18 11-12 Je '61.

Long cruise is a rigid test V. Fedulov Starsh.-serzh no. 1 24 Ap '61.

Our petty officers. N. Zhichkin Sov voin 43 no 16 19 Ag '61.

Skilled specialists. A. Shevtsov. Blok. agit. [Sov. Armii] no. 19 24-25 Jl '61.

Soviet sailors make due preparations for the party congress V. Grishanov. Komm. Vooruzh. Sil 1 no 16 52-56 Ag '61.

Under a hot boiler. F. Segeda. Starsh.-serzh no 4 16 Ap '61

With each day--one step forward. G Kotnitskii Starsh.-serzh no 4 3 Ap '61.

RUSSIA—NAVY—POLITICAL ACTIVITY

It's good to be proud of your military unit but you must make your contribution to its achievements too; a propagandist's talk about the fighting traditions of the Soviet Navy. Blok agit. [Sov. Armii] no. 16;19-22 Je '61

We thank you, our party! A. Kalinin. Blok. agit. [Sov. Armii] no. 23-18-20 Ag '61.

RUSSIA—NAVY—SEA LIFE

The most important sector; a sketch. V. Ustiantsev. Blok. agit. [Sov. Armii] no. 19;17-23 Jl '61.

We should try to find a key to each sailor's heart. IU Kucherov, IU. Senchenko. Komm. Vooruzh. Sil 1 no. 13;58-61 Jl '61

RUSSIA—PERIOD OF CONSOLIDATION, 1462-1605

Formation of the Russian Centralized State A. M Sakharov Prep ist. v shkole 16 no 4;24-34 Jl-Ag '61

RUSSIA—POLITICS AND GOVERNMENT

Chronicle of political events in the U. S. S. R. in April 1961. IU. P. Mironenko. Mat. i soob. Inst. ist. po izuch. SSSR no. 25;59-62 My '61.

Communism is peace. L. Leont'ev. Nov. vrem. 19 no. 33;9-13 Ag '61.

Extension of the Union Republics' rights as an example of the creative development of the Leninist principles of democratic centralism. A E. Chadaev. Sov. gos i pravo no 11,14-24 N '60.

[Gazette of the Supreme Soviet of the R. S. F. S. R.] Ved. Verkh. Sov. RSFSR 5 nos. 27-34 Jl-Ag '61.

[Gazette of the Supreme Soviet of the U. S. S. R.] Ved. Verkh. Sov. SSSR 24 nos. 28-35 Jl-S '61.

The nature and forms of the interrelation of the organs of state rule and the public-service organizations of Soviet workers. I. M. Stepanov Sov. gos i pravo 31 no. 8-28-38 Ag '61.

Preparation of the textbook on "History of the Soviet state and law." Ist. SSSR 5 no. 4, 232 Jl-Ag '61

"Presidiums of the supreme soviets of the Union Republics" by I. T. Bespalyi. Reviewed by IU. A. Tikhomirov. Sov. gos. i pravo 31 no. 2,160-163 F '61

The problems of government in the proposed program of the CPSU. F. Burlatskii. Kommunist 38 no. 13 37-44 S '61.

The Soviets in the struggle to strengthen the union of the working class and the peasantry during 1926 and 1927. on M. I. Kalinin's activity as the Chairman of the Central Executive Committee of the U. S. S. R. and the All-Union Central Committee [with summary in English] V. A. Shustrov. Vest. LGU 16 no. 14;19-31 '61.

"V. I. Lenin as Chairman of the Council of People's Commissars and the Council of Labor and Defense, history of his participation in the government during 1921 and 1922" by E. B. Genkina. Reviewed by A. S. Fedoseev. Vop. ist. no. 7;128-130 Jl '61

RUSSIA—REBELLION OF STENKA RAZIN, 1667-1671—FICTION

Chapygin, A. P. Razin Stepan. Moskva, Izd-vo "Izvestiia," 1961. 637 p. (Biblioteka istoricheskikh romanov narodov SSSR)

RUSSIA—RELATIONS (GENERAL) WITH BULGARIA

Five days in Bulgaria. P. Barashev. Sov. foto 21 no. 7; 28-29 Jl '61.

RUSSIA—RELATIONS (GENERAL) WITH CHINA

Friendship as indestructible as the Pamirs. D. Ariatarkhova. Shkola-int. no. 3-50-51 My-Je '61.

Friendship is not afraid of distances. Smena 38 no. 14;16-17 Jl '61.

RUSSIA—RELATIONS (GENERAL) WITH CUBA

Cuban educators in the U.S.S.R. V.Khorol'skii. Nar. obr. no.8:109 Ag '61.

Greetings, young Cuba! Ogonek 39 no 29:1 Jl '61

Letters to the editor. Ukraina no 15:28 Ag '61

RUSSIA—RELATIONS (GENERAL) WITH CYPRUS

Birth of the new society "Cyprus - U S S R." P Goroshkin. Kul't i zhizn' 5 no 7 21 '61

RUSSIA—RELATIONS (GENERAL) WITH CZECHOSLOVAKIA

Golden Prague welcomes the hero. Sov. foto 21 no. 7-26-27 Jl '61.

"We love you and we are grateful to you" [in Czech]. Reviewed by B M. Rukol' Ist SSSR 5 no 4:215-216 Jl-Ag '61.

RUSSIA—RELATIONS (GENERAL) WITH EAST GERMANY

About our great friends K Selikhov Shkola-int no 2 86 87 Mr-Ap '61

Delegates from Vogtland. Elena Serebrovskaia Ogonek 39 no. 27:23-24 Jl '61

Friendship! Freundschaft! G. Poltavskii and others Sov voin 43 no 8:20-31 Ap '61

RUSSIA—RELATIONS (GENERAL) WITH FOREIGN COUNTRIES

Brief news. Nar.obr. no.8:106 Ag '61.

Livantsov, V. O. [Complete and final victory of socialism in the U. S. S. R. and its international significance] Povna i ostatochna peremoha sotsializmu v SSSR ta ii mizhnarodne znachennia. Kyiv, Akad. nauk URSR, 1960. 79 p.
(MH)

"News" agency. Kul't i zhizn' 5 no 6:44 '61

RUSSIA—RELATIONS (GENERAL) WITH GREAT BRITAIN

At the round table B.S Nikiforov. Kul't i zhizn' 5 no. 6 32-35 '61.

RUSSIA—RELATIONS (GENERAL) WITH HUNGARY

Exchange of work experience between Soviet and Hungarian pedagogues K. Boldyreva Sov pedag. 25 no 6:159-160 Je '61

RUSSIA—RELATIONS (GENERAL) WITH INDIA

A story in five letters Boris Polevoi. Ogonek 39 no 29 9-10 Jl '61.

RUSSIA—RELATIONS (GENERAL) WITH INDONESIA

Let the friendship grow stronger. Sov. profsoiuzy 17 no. 14:34-35 Jl '61.

RUSSIA—RELATIONS (GENERAL) WITH ITALY

From Venice to Palermo V. Gorshkov Kul't. i zhizn' 5 no 7 40-41 '61

RUSSIA—RELATIONS (GENERAL) WITH JAPAN

Akademiia nauk SSSR, Institut narodov Azii. [Oroshiyakoku suimutan (Dreams about Russia). Translated from the Japanese] Oroshiyakoku suimutan (Sny o Rossii). Izd.teksta, perevod, vstup. stat'ia i kommentarii V.M. Konstantinova. Pod red. N.I. Konrada. Moskva, Izd-vo vostochnoi lit-ry, 1961. 130, 132 pp. (Pamiatniki literatury narodov Vostoka. Teksty. Malaia seriia, no. II)

Japanese businessmen visit the Soviet Union. Yoshio Noguchi. Nov. vrem. 10 no. 33 30-31 Ag '61.

Striving for friendship. Sov. profsoiuzy 17 no. 16:41-42 Ag '61

RUSSIA—RELATIONS (GENERAL) WITH KAZAKHSTAN

Apollova, N.G. [Economic and political relations between Kazakhstan and Russia during the 18th and the beginning of the 19th century] Ekonomicheskie i politicheskie sviazi Kazakhstana s Rossiei v XVIII-nachale XIX v. Moskva, Izd-vo Akad. nauk SSSR, 1960. 454 p.
(CU)

RUSSIA—RELATIONS (GENERAL) WITH MONGOLIA

Hello, Mongolia! S.M Budennyi Kul't i zhizn' 5 no 7:20-21 '61

RUSSIA—RELATIONS (GENERAL) WITH NORWAY

Paths of mutual understanding and the road of friendship. Kirill Zemoshkin. Smena 38 no. 14:18-19 Jl '61.

RUSSIA—RELATIONS (GENERAL) WITH THE UNITED STATES

Keys of San Francisco (to be concluded). Boris Burkov. Ogonek 39 no 28:28-29 Jl '61

Meeting in the Crimea. G. Gurkov. Ogonek 39 no. 23: 2-3 Je '61.

Morris Gordon at the "Seven-year Plan in Action during 1961" Exhibition. Sov. foto 21 no. 7:45 Jl '61.

RUSSIA—RELATIONS (GENERAL) WITH WEST GERMANY

"Jawohl." Lev Sheinin. Ogonek 39 no. 30:27-28 Jl '61.

RUSSIA—RELATIONS (GENERAL) WITH WHITE RUSSIA

Welcome! N. Pashkevich. Belarus' 18 no. 7:4 Jl '61.

RUSSIA—RELIGION

The most important events in the life of churches and religious groups in the U. S. S. R. N. A. Teodorovich. Mat. i soob. Issl. otd, Inst. po izuch. SSSR no. 25:54-58 My '61.

Priduvalov, F. M. [Attitude of the Soviet state toward religion] Otnoshenie Sovetskogo gosudarstva k religii. Moskva, Izd-vo "Znanie," 1961. 45 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. I, Istoriia, no. 13)

RUSSIA—REVOLUTION, 1917-1921

"Brief history of the civil war in the U. S. S. R." by G. G. Alakhverdov and others Reviewed by D. K. Shelestov Vop. ist. no 7:133-136 Jl '61.

The Communist Party as the inspirer and organizer of the victory of the Great October Socialist Revolution Z. D IAshin Sbor st Irk VPSH no. 1:3-42 '59.

Dykov, I. G. [Rout of the counterrevolutionary insurrection led by Kolenskii and Krasnov in 1917] Razgrom kontrrevoliutsionnogo miatezha Kolenskogo-Krasnova v 1917 godu. Moskva, Znanie," 1960. 38 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 1, Istoriia, no. 21)

"German historiography of the Great October Socialist Revolution" by V I Salov Reviewed by A E. Ekshtein. Vop ist no. 7:137-139 Jl '61

Golikov, G.N. [The Communist Party as the organizer of the victory of the Great October Socialist Revolution] Kommunisticheskaia partiia - organizator pobedy Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii. Moskva, Izd-vo "Znanie" Vses. ob-va po rasprostraneniiu polit. i nauchn. znanii, 1961. 30 p. (Narodnyi universitet kul'tury. Fakul'tet obshchestvenno-politicheskii, no. 5)

Heroes of Pskov. I. Evstigneev. Starsh.-serzh no. 4 36 Ap '61.

History of industrial mobilization in the Soviet Russia, 1918-1920 A. P Pogrebinskii. Nauch. zap. MFI no. II 332-362 '58.

"How trade unions and their factory and plant committees struggled for the victory of the October Revolution, March-October 1917" by A G Egorova. Reviewed by L. G. Filatov. Ist. SSSR 5 no 4:170-180 Jl-Ag '61.

"International units in battles for Soviet power" by L. I. Zhukov, V. M. Ustinov. Reviewed by N. Popov. Voen. ist. zhur. 3 no. 4:107-109 Ap '61.

"Ivan Dmitrievich." Voen. znan. 37 no. 8:4 Ag '61.

[The revolutionary movement in September 1917; the Russian national crisis] Revoliutsionnoe dvizhenie v rossii v sentiabre 1917 g., obshchenatsional'nyi krizis. Redkolegiia sbornika: D. A. Chugaev i dr. Moskva, Izd-vo Akad. nauk SSSR, 1961. 620 p. (Velikaia Oktiabr'skaia sotsialisticheskaia revoliutsiia. Dokumenty i materialy)

Strategy and tactics problems of the CPSU during the period of preparing for and carrying out the Great October Socialist Revolution. N. A. Kulikov. Nauch zap. MFI no. II:19-40 '58.

Torokhov, I. S., and K. S. Tarasenko. [In serried ranks] Splochennymi riadami. Moskva, Gos. izd-vo polit. lit-ry, 1960. 140 p. (Voprosy partiinogo stroitel'stva)
(CSt-H)

V. I. Lenin on the ripeness of conditions for the Russian working class to seize power in the fall of 1917. F. N. Politkin. Nauch zap MFI no. II:3-18 '58

Vargin, N. F. [Commissar of the Volga Fleet] Komissar Volzhskoi flotilii. Moskva, Gos. izd-vo polit. lit-ry, 1961. 84 p. (Geroi i podvigi)
(CSt-H)

RUSSIA—REVOLUTION, 1917-1921—ALLIED INTERVENTION

Kondrashev, I. F. [Outline history of the U. S. S. R.; the Soviet country during the period of foreign military intervention and the civil war, 1918-1920] Ocherki istorii SSSR; sovetskaia strana v period inostrannoi voennoi interventsii i grazhdanskoi voiny, 1918-1920 g. g. Moskva, Gos. ucheb. pedagog. izd-vo, 1960. 327 p. illus., maps.
(NN)

RUSSIA—REVOLUTION, 1917-1921—CAMPAIGNS

Baltic sailors on land fronts in 1918. A. Murav'ev. Voen. ist. zhur. 3 no. 4:103-107 Ap '61.

RUSSIA—REVOLUTION, 1917-1921—FICTION

Babinets, A. I. [Comrades in the struggle; stories about the Communist Youth League] Tovarishchi v bor'be; rasskazy o komsomol'skoi iunosti. [Moskva] Molodaia gvardiia, 1959. 206 p.
(CSt-H)

RUSSIA—REVOLUTION, 1917-1921—FOOD QUESTION

Kondrat'ev, V. A. [People's gift to Lenin] Narodnyi podarok Leninu. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 66 p.

RUSSIA—REVOLUTION, 1917-1921—PERSONAL NARRATIVES

Between Pskov and Narva. V. Sokolov. Starsh.-serzh. no. 2:4-6 F '61.

"Through the storms" by S. Krivoshein. Reviewed by A. Sidel'nikov and others. Voen. vest. 40 no. 4:122-126 Ap '61.

RUSSIA—REVOLUTION, 1917-1921—SLOVAK PARTICIPATION

[Past campaigns; reminiscences of Slovak Red Army participants in the Great October Socialist Revolution and the civil war in the U. S. S. R. Translated from the Slovak] Bylye pokhody; vospominaniia slovatskikh krasnoarmeitsev-uchastnikov Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii i grazhdanskoi voiny v SSSR. Pod obshchei red. i s predisl. V. D. Kariakina Moskva, Voen. izd-vo, 1961. 253 p.
(CSt-H)

RUSSIA—REVOLUTION OF 1905

Markov, I. S. [The Bolshevik Party during the first Russian Revolution from 1905 to 1907] Partiia bol'shevikov v period pervoi russkoi revoliutsii 1905-1907 gg, tekhsti. Otv. red. I. B. Chellapov. Moskva, 1960. 55 p.
(MH)

Taran, T. [The years of the first Russian revolution, 1905-1907] Roky pershoi rosiis'koi revoliutsii, 1905-1907. [Dnipropetrovs'k] Dnipropetrovs'ke knyzhkove vyd-vo, 1959. 48 p. (Z istorii Dnipropetrovs'koi oblasnoi partiinoi organizatsii, no. 3)
(MH)

RUSSIA— SOCIAL CONDITIONS

Around us. Ogonek 39 no. 27:8 Jl '61

"C" in behavior; feuilleton Evgenii Korshunov Ogonek 39 no 29:30-31 Jl '61

RUSSIA—UNDERGROUND LITERATURE

Barchugov, P. V. [Meeting of the expanded staff of "Proletarila."] Soveshchanie rasshirennoi redaktsii "Proletarila." Moskva, Gos. izd-vo polit. lit-ry, 1961. 168 p.

RUSSIA, NORTHERN—ALLIED INTERVENTION, 1918-1920

Kommunisticheskaia partiia Sovetskogo Soiuza Murmanskii oblastnoi komitet. Partiinyi arkhiv. [Struggle for the establishment and consolidation of the Soviet regime on the Kola Peninsula, collected documents and materials] Bor'ba za ustanovlenie i uprochenie Sovetskoi vlasti na Murmane, sbornik dokumentov i materialov. [Murmansk] Murmanskoe knizhnoe izd-vo, 1960. 492 p.

RUSSIA, NORTHERN—BIRDS

Characteristics of the bird fauna of Arctic and sub-Arctic cultural landscapes. S.M. Uspenskii. Ornitologiia no. 2:7-15 '59.

RUSSIA, NORTHERN—EARTH—ELECTRIC PROPERTIES

Design, installation, and operation of the grounding devices of electric power systems in the Far North R. I. Zil'berman. Elek. sta 32 no 4 62-65 Ap '61

RUSSIA, NORTHERN—FORESTS AND FORESTRY

Molekhov, I. S. [Improvement cuttings and forest regeneration in the North] Rubki i vozobnovlenie lesa na Severe. [Arkhangel'sk] Arkhangel'skoe knizhnoe izd-vo, 1960. 198 p.
(DA)

RUSSIA, NORTHERN—GEOLOGY, STRATIGRAPHIC

Biostratigraphic correlation of the upper section of the Cambrian system in the Soviet Arctic. K K. Demokidov. Trudy NIIGA 111:3-10 '60

Upper Triassic and Jurassic stratigraphy of islands of the Barents-Kara shelf and the mountainous part of the Taymyr Peninsula. V. D. Dibner Dokl. AN SSSR 130 no. 4 847-849 Ag '61

RUSSIA, NORTHERN—GROUSE

Data on the biology and hunting of game birds inhabiting pine forests in the north of the European part of the U. S. S. R. O. I. Semenov-Tian-Shanskii. Ornitologiia no. 2:104-108 '59.

RUSSIA, NORTHERN—POTATOES

Potatoes as a source of vitamin C in northern latitudes. M. Kh Libo. Vop pit 20 no. 4:78-80 Jl-Ag '61.

RUSSIA, NORTHERN—REFORESTATION

Reforestation problems in the North. F. B. Orlov Les. khoz 14 no. 7:26-29 Jl '61

RUSSIA, NORTHERN—SEA ICE

State of the practical application of long-range ice condition forecasts on the northern sea route and problems associated with the introduction of a new technique. P. A. Gordienko, A. A. Kirillov. Trudy Okean. kom. II: 21-28 '61.

RUSSIA, NORTHWESTERN—DESCRIPTION AND TRAVEL

Prebyvailo, A. T. [Land of lakes, forests, and rivers] Krai ozer, lesov i rek. Moskva, Izd-vo "Fizkul'tura i sport," 1960. 64 p. (Po rodnym prostoram)

RUSSIA, NORTHWESTERN—HISTORY

"Studies in the social and economic history of Russian northwestern cities in the middle of the 18th century" by IU. R. Klokman. Reviewed by A. P. Pronshtein. Ist. SSSR 5 no. 4:193-195 Jl-Ag '61.

RUSSIA, NORTHWESTERN—IMPLEMENTS, UTENSILS, ETC.

The Old Russian light potter's wheel in the northwestern regions of the R. S. F. S. R. A. A. Bobrinskii. Vest. Mosk. un. Ser. 8:Ist. 16 no. 4:54-69 Jl-Ag '61.

RUSSIA, SOUTHERN—CORN (MAIZE)—IRRIGATION

Corn irrigation experiments carried out by the Southern Scientific Research Institute of Hydraulic Engineering and Land Reclamation M A Kozin, N F Lobov Shor trud. IUzhNIIGiM no. 6 280-281 '58

RUSSIA, SOUTHERN—IRRIGATION

Forms and methods of introducing the achievements of the science of land reclamation into practice. N F Lobov Shor trud. IUzhNIIGiM no 6 13-18 '58

Methods of regulating nitrification processes in the irrigated carbonate-rich Chernozems of Ciscaucasia P F Prostakov. Shor. trud. IUzhNIIGiM no 6 68-96 '58

Outlook for the development of irrigation in the Northern Caucasus and problems involved in the complete reclamation of irrigated lands B A Shumakov, M A Kozin Shor. trud IUzhNIIGiM no 6,3-12 '58

RUSSIA, SOUTHERN—IRRIGATION CANALS AND FLUMES

Mechanization of irrigation operations in southern Russia S. V Shimanovich Mekh stroi. 18 no 7 7-9 Jl '61

Prefabricated hydraulic structures in the Volga-Don irrigation system. N O Filippov Shor trud IUzhNIIGiM no. 6 196-215 '58

RUSSIA, SOUTHERN—WHEAT—IRRIGATION

Establishing irrigation zones for winter wheat in the Northern Caucasus. D V IArmizin Shor trud IUzhNIIGiM no. 6 124-153 '58

RUSSIAN DRAMA—HISTORY AND CRITICISM

Rubtsov, A. B. [From the history of Russian dramaturgy during the end of the 19th and beginning of the 20th century] Iz istorii russkoi dramaturgii kontsa XIX-nachala XX veka. Minsk, Izd-vo Belgosuniv. im. V. I. Lenina, 1960. 322 p.

A step ahead ("Soviet dramaturgy during the years of the Civil War" by L Tamashin Reviewed by Vl Pimenov) Teatr 22 no 7 146-148 Jl '61

RUSSIAN LANGUAGE

Defending the dissertations on the Ukrainian and Russian languages in the Ukraine in 1960 Ukr mova v shkoli 11 no 2 94-96 Mr-Ap '61

RUSSIAN LANGUAGE—ACCENTUATION

Zdanevich, I. K. [Accentuation of the participle in modern Russian] Sistema udareniia prichastii v sovremennom russkom iazyke. Red. I. A. Kalinin. Gor'kii, Gor'kovskii gos. pedagog. in-t im. A. M. Gor'kogo, 1959. 100 p.
(MH)

RUSSIAN LANGUAGE—ADVERB

Franchuk, V. IU. [Adverbs formed from adjectives in the Russian literature language of the 18th century] Narechiia obrazovaniye ot imeni prilagatel'nykh v russkom literaturnom iazyke XVIII v. Kiev, Izd-vo Akad. nauk USSR, 1961. 54 p.

RUSSIAN LANGUAGE—ALPHABET

Names of letters in the Russian alphabet. V. L. Arkhangel'skii, L. A. Vvedenskaia. Rus. iaz. v shkole 22 no. 4:17-21 Jl-Ag '61.

RUSSIAN LANGUAGE—BIBLIOGRAPHY see Bibliography—Russian language

RUSSIAN LANGUAGE—COMPOSITION AND EXERCISES

How we worked on compositions. I Goncharov Shkola-int no 2:56-59 Mr-Ap '61

Ladyzhenskaia, T. A. [Instructive compositions based on pictures in the Russian language lessons; from work experience] Obuchaiushchee sochinenie po kartine na urokakh russkogo iazyka, iz opyta raboty. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1958. 60 p. (Pedagogicheskaia biblioteka uchitelia)

Primary concept of the outline for expositions and compositions in the second grade. A. A. Dyleva-Kazanskaia. Nach. shkola 29 no. 8:20-22 Ag '61.

Reviewers remarks on the margins of the compositions on literature IU D Severinenko. Sred spets obr 8 no. 6:41-42 Je '61

RUSSIAN LANGUAGE—CONGRESSES

Conference on improving the teaching of the Russian language. B. D. Rus. iaz. v shkole 22 no. 4, 105-110 Jl-Ag '61.

RUSSIAN LANGUAGE—CONVERSATION AND PHRASE BOOKS—ITALIAN

[Russian-Italian phrase book] Russko-ital'ianskii razgovornik. [Sost.] IU. A. Volkov. Moskva, Izd-vo lit-ry na inostr. iazykakh, 1961. 233 p.
[MICROFILM]

RUSSIAN LANGUAGE—DIALECTS

Interrelationship of lexical and grammatical meanings of verbal tenses; based on materials of the Russian dialects [with summary in English] V. I. Trubinskii. Vest. LGU 16 no 14:142-148 '61.

The new "B" in the Novgorod manuscripts [with summary in English]. V. V. Kolesov. Vest. LGU 16 no 14: 130-141 '61.

RUSSIAN LANGUAGE—DICTIONARIES

Akademiia nauk SSSR. Institut iazykoznaniia. [Orthographic dictionary of the Russian language] Orfograficheskii slovar' russkogo iazyka. Izd. 4., stereotipnoe. Moskva, Gos. izd-vo inostrannykh i natsional'nykh slovarei, 1959. 1259 p.
(MH)

"Concise etymological dictionary of the Russian language." by N. M Shanskii, V. V. Ivanov, T. V. Shanskaia. Reviewed by P IA. Chernykh. Rus. iaz. v shkole 22 no 1 95-100 Jl-Ag '61.

RUSSIAN LANGUAGE—DICTIONARIES—HUNGARIAN

[Russian-Hungarian pocket dictionary] Karmannyi russko-vengerskii slovar'. Sost. G. I Ol'dal i B. IA. Geiger. 7000 slov Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1961. 367 p.

RUSSIAN LANGUAGE—DICTIONARIES—KOREAN

Kim Ki Un, Kim Yŏn Ch'ŏl, and L. N. Karshinov, comps. [Russian-Korean and Korean-Russian dictionary of foreign trade] Russko-koreiskii i koreisko-russkii vneshnetorgovyi slovar'. Moskva, Vneshtorgizdat, 1961. 190 p.

RUSSIAN LANGUAGE—DICTIONARIES—TAJIK

Sodiĭov, Kh. U. [Russian-Tajik physics dictionary] Lughati rusi-tochikii istilohhoti fizika. Stalinobod, Nashrietti davlatii adabieti ta"limi-pedagogii Vazorati maorifi RSS Tochikiston, 1960. 167 p. [In Russian and Tajik]

RUSSIAN LANGUAGE—DICTIONARIES—UKRAINIAN

Levchenko, S. P., L. G. Skrypnykh, and N. P. Dzlatkiva'ka, comps. [Dictionary of personal names; Ukrainian-Russian and Russian-Ukrainian] Slovnyk vlasnykh imen liudei; ukrains'ko-rosiis'kyi i rosiis'ko-ukrains'kyi. Vyd. 2., vypravlenie i dop. Za red. S P. Levchenka. Kyiv, Vyd-vo Akad nauk URSR, 1961. 73 p.

RUSSIAN LANGUAGE—FOREIGN WORDS AND PHRASES

Dictionary of winged and foreign words. Agitator no 15: 37 Ag '61

RUSSIAN LANGUAGE—GLOSSARIES, VOCABULARIES, ETC.

On the types of glossaries for literary monuments [with summary in English] O V Tvorogov Vest. LGU 16 no 14:118-129 '61

Patronymy in the present-day Russian language. N. P Kolesnikov Rus iaz v shkole 22 no. 3 52-54 My-Je '61

Vocabulary work during Russian language lessons. L. A Polukarova Rus. iaz v shkole 22 no 3 60-64 My-Je '61

RUSSIAN LANGUAGE—GRAMMAR

Characteristics of pedagogical practice on the topic "Methods of teaching grammar," L. A. Gorbushina. Rus. iaz. v shkole 22 no. 4:77-83 Jl-Ag '61.

Increasing the efficiency of grammar lessons in schools for rural youth. I. I. Poterin. Rus. iaz. v shkole 22 no. 4 75-77 Jl-Ag '61.

RUSSIAN LANGUAGE—GRAMMAR, COMPARATIVE—CHUVASH

Rezlukov, N. A. [Comparative grammar of the Russian and Chuvash languages] Sopostavitel'naia grammatika russkogo i chuvashskogo iazykov. Cheboksary, Gos. izd-vo Chuvashskoi ASSR, 1959. 327 p.
(MH)

RUSSIAN LANGUAGE—GRAMMAR, COMPARATIVE—GERMAN

Krushel'nitskaia, K. G. [Comparative grammar of the German and Russian languages] Ocherki po sopostavitel'noi grammatike nemetskogo i russkogo iazykov. Moskva, Izd-vo lit-ry na inostr. iazykakh, 1961. 264 p. (Biblioteka filologa)

RUSSIAN LANGUAGE—GRAMMAR, COMPARATIVE—KAZAKH

Isengalieva, V. A. [Usage of cases in the Kazakh and Russian languages] Upotreblenie padezhei v kazakhskom i russkom iazykakh. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1961. 165 p.

RUSSIAN LANGUAGE—HOMONYMS

Development of homonyms in the Russian language. L. A. Vvedenskaia Rus. iaz. v shkole 22 no. 3:50-52 My-Je '61.

RUSSIAN LANGUAGE—LEXICOGRAPHY

"In the world of words" by B. Kazanskii. Reviewed by V. N. Kitueva. Rus iaz. v shkole 22 no. 3 100-101 My-Je '61.

On "Lexicographic collections." Vols. 1-4. V. V. Veselitskii. Rus. iaz. v shkole 22 no. 4:104 Jl-Ag '61.

RUSSIAN LANGUAGE—ORTHOGRAPHY

Gvozdev, A. N. [Russian spelling; the morphological principle of Russian orthography] Ob osnovakh russkogo pravopisaniia; v zashchitu morfologicheskogo printsipa russkoi orfografii. Moskva, Akad. pedagog. nauk RSFSR, 1960. 62 p. (Pedagogicheskaia biblioteka uchitelia)
(MH)

Methods of increasing students' literacy. M. V. [illegible]. Rus. iaz. v shkole 22 no. 4 68-71 Jl-Ag '61.

Readers opinions on books ("Studying the spelling of words with orthography that is difficult or impossible to check" by N. N. Kitaev. Reviewed by S. V Zhuk[illegible]. Rus. iaz. v shkole 22 no. 4 102-104 Jl-Ag '61.

Study of orthographically difficult words governed by rules. O. M. Lobanova. Rus. iaz. v shkole 22 no. 4: 61-68 Jl-Ag '61.

"Teaching orthography in elementary schools" by N. S Rozhdestvenskii Reviewed by M V Ushakov Rus. iaz. shkola 29 no 7,70-73 Jl '61.

Ushakov, N. N. [Materials for exercises in orthography and punctuation (proverbs and sayings of various peoples); handbook for teachers] Materialy dlia uprazhnenii po orfografii i punktuatsii (poslovitsy i pogovorki raznykh narodov); posobie dlia uchitelia. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 55 p.

Ushakov, N. N. [Materials for exercises in spelling and punctuation; proverbs and sayings of various peoples. Teacher's guide] Material dlia uprazhnenii po orfografii i punktuatsii; poslovitsy i pogovorki raznykh narodov. Posobiedlia uchitelia. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 54 p.

RUSSIAN LANGUAGE—PARTICIPLE

Zdanevich, I. K. [Accentuation of the participle in modern Russian] Sistema udareniia prichastii v sovremennom russkom iazyke. Red. I. A. Kalinin. Gor'kii, Gor'kovskii gos. pedagog. in-t im. A. M. Gor'kogo, 1959. 100 p.
(MH)

RUSSIAN LANGUAGE—PERIODICALS

"Russkii iazyk v shkole." Ukr. mova v shkoli 11 no. 3: 83-86 My-Je '61.

RUSSIAN LANGUAGE—PHONETICS

Lobanova, N. A., and I. P. Slesareva. [Russian phonetic tables; aid for English-speaking foreigners] Tablitsy po fonetike russkogo iazyka; posobie dlia inostrantsev, govoriashchikh na angliiskom iazyke. Moskva, Uchpedgiz, 1961. 28 plates.

———— [An instruction guide accompanying the tables for teachers] Metodicheskie ukazaniia k tablitsam . . posobie dlia prepodavatelei 31 p

The new "b" in the Novgorod manuscripts [with summary in English]. V. V. Kolesov. Vest. LGU 16 no. 14 130-141 '61.

RUSSIAN LANGUAGE—PHONOLOGY

Disjunctive signs in Russian writing. S. M. Glushkina, Z. V. Zhukovskaia. Rus. iaz. v shkole 22 no. 4 22-23 Jl-Ag '61.

RUSSIAN LANGUAGE—PREPOSITIONS

Prepositional government. V. P. Malashchenko. Rus. iaz. v shkole 22 no. 4:30-33 Jl-Ag '61.

RUSSIAN LANGUAGE—PUNCTUATION

Bolov, K. I. [History of Russian punctuation during the 16th century] Iz istorii russkoi punktuatsii XVI veka. Perm', Permskoe knizhnoe izd-vo, 1960. 22 p.
(MH)

Ushakov, N. N. [Materials for exercises in spelling and punctuation; proverbs and sayings of various peoples. Teacher's guide] Material dlia uprazhnenii po orfografii i punktuatsii; poslovitsy i pogovorki raznykh narodov. Posobiedlia uchitelia. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 54 p.

RUSSIAN LANGUAGE—SEMANTICS

"Path of the word" by L. Borovoi. Reviewed by F Khanpira. Rus. iaz. v shkole 22 no 3 101-103 My-Je '61

RUSSIAN LANGUAGE—SPOKEN RUSSIAN

"Do we speak correctly?" by B. Timofeev Reviewed by S. A. Koporskii. Rus iaz v shkole 22 no 3 98-100 My-Je '61.

RUSSIAN LANGUAGE—STUDY AND TEACHING

(see also subdivision under Siberia, Western; Tobol'sk)

Akademiia pedagogicheskikh nauk RSFSR, Moscow, Institut natsional'nykh shkol. [The teaching of Russian in national schools; based on materials for Tatar, Bashkir, and Chuvash schools] Prepodavanie russkogo iazyka v natsional'noi shkole; na materiale tatarskikh, bashkirskikh i chuvashskikh shkol. Moskva, 1959. 109 p. (Pedagogicheskie chteniia)
(IEN)

"Continuity of teaching the Russian language in elementary and secondary schools." Reviewed by V. P. Ozerskaia. Rus. iaz. v shkole 22 no. 4:100-102 Jl-Ag '61.

Creative works of students. L. S. Aizerman Rus. iaz v shkole 22 no. 3:65-70 My-Je '61

Development of interest in the mother tongue in the fifth and sixth grades. S. F. Ivanova. Rus. iaz v shkole 22 no. 4:53-56 Jl-Ag '61.

Editor's mail. Rus. iaz. v shkole 22 no. 3:121-125 My-Je '61.

RUSSIAN LANGUAGE -- STUDY AND TEACHING (Continued)

For a thorough and lasting knowledge of the Russian language by students. M.L.Gryzlova. Rus.iaz.v shkole 22 no.1 1-5 Jl-Ag '61.

Grammatical analysis in connection with the study of orthography. M M Razumovskaia Rus iaz v shkole 22 no 3 76-83 My-Je '61.

How I achieve the participation of the whole class during a lesson R. Gorlova. Shkola-int no. 3 17-19 My-Je '61

Increasing the efficiency of the Russian language lessons in the fifth grade. A.I.Petrushenko. Rus.iaz.v shkole 22 no.4 48-52 Jl-Ag '61

Independent work of students during Russian language lessons. P.M.Baev. Rus.iaz.v shkole 22 no.1 39-46 Jl-Ag '61.

Keeping a class diary is one of the types of work on the development of the written speech of students. I.Shokhin. Rus.iaz.v shkole 22 no 1 58-61 Jl-Ag '61.

Keeping students' diaries. A.A.Gorbunova. Rus.iaz.v shkole 22 no.4 56-58 Jl-Ag '61

Kuznetsova, M.I., comp. [Russian language and literature in national schools] Russkii iazyk i literatura v natsional'noi shkole. Moskva, Uchpedgiz, 1959. 292 p.
(MH)

Let's bring instruction closer to life. R.Pavliuchenkova. Nar.obr. no.8 9-10 Ag '61.

Let's improve the teaching of the Russian language. E.Vinogradova. Nar.obr. no.8:11-12 Ag '61.

Model planning of program material on Russian language, literature and the development of speech for the first semester of the 1961-1962 school year. E.A.Barinova, A.N.Bobrova, L.A.Vinogradova. Rus.iaz.v shkole 22 no.1 114-120 Jl-Ag '61.

"Pedagogical lectures" of 1961 G. P Finsov Rus iaz. v shkole 22 no.3 111-114 My-Je '61

Pletnov, R. V. [Method and instruction; summary of lectures on methods used in teaching the Russian language in schools] Metod i obuchenie, konspekt lektsii po metodologii prepodavaniia russkogo iazyka v shkole. Montreal, 1960. 48 p.

Practice in direct speech with third-grade students. N.N. Ushakov. Nach.shkola 29 no.9:17-20 Ag '61.

Principles for compiling a Russian language program for elementary schools N S.Rozhdestvenskii Nach. shkola 29 no 6:29-34 Je '61

Replies to readers. Rus.iaz.v shkole 22 no.4,121-127 Jl-Ag '61.

Rozhdestvenskii, N.S., and N.I.Pospelov. [Textbook for the practical study of the Russian language in the pedagogical colleges of the nationalities] Posobie dlia prakticheskikh zaniatii po russkomu iazyku v natsional'nykh pedagogicheskikh uzakh. Izd.3., ispr. Moskva, Gos.uchebno-pedagog. izd-vo, 1960. 530 p.
(NN)

So-called stylistic errors in students' speech G I Mishurova Rus iaz v shkole 22 no. 3 70-73 My-Je '61

A teacher relates his experience; Russian language lessons Nach shkola 29 no. 7;54-59 Jl '61

Types of exercises on paronyms. N. IA. Loifman Rus. iaz v shkole 22 no 3 71-76 My-Je '61

Vasvolodovn, M.V. [Phonetic Russian language exercises for Poles] Foneticheskie uprazhnenila po russkomu iazyku dlia polikov. Pod obshchel red. M.N. Petersona. [Moskva] Izd-vo Mosk.univ., 1960. 83 p.

Work of a Russian language section in a rural school. A.A.Letemin. Rus.iaz.v shkole 22 no.4 71-74 Jl-Ag '61.

Work of schools on the improvement of the oral and written language of students M. L. Gryzlova. Rus iaz. v shkole 22 no 3 10-12 My-Je '61

RUSSIAN LANGUAGE—STYLE

Development of the Russian language. V. V Vinogradov. Rus.iaz. v shkole 22 no 3 3-9 My-Je '61.

Purity of the language D. M. Galkin. Rus. iaz. v shkole 22 no 3 115-119 My-Je '61

RUSSIAN LANGUAGE—SYNONYMS

Sirotina, V.A. [Lexical synonymy in the Russian language] Leksicheskaia sinonimika v russkom iazyke. [L'vov] Izd-vo L'vovskogo univ., 1960. 46 p.
(MH)

RUSSIAN LANGUAGE—SYNTAX

Prevention of syntactic errors in preparing students for compositions. M.T.Baranov. Rus.iaz.v shkole 22 no.4:47-40 Jl-Ag '61.

Sletsenko, A.N. [The complex subordinate clause in the Russian language from the 14th through the 16th century] Slozhnopodchinennoe predlozhenie v russkom iazyke XIV-XVI vv. Tomsk, Izd-vo Tomskogo univ., 1960. 309 p.

RUSSIAN LANGUAGE—TENSE

Interrelationship of lexical and grammatical meanings of verbal tenses, based on materials of the Russian dialects [with summary in English]. V. I. Trubinskii Vest. LGU 16 no.14:142-148 '61.

RUSSIAN LANGUAGE—TERMS AND PHRASES

Descriptive verbal noun expressions as a special type of fixed phrases. A.P.Mordvilko. Rus.iaz.v shkole 22 no.4 21-29 Jl-Ag '61.

Differentiating between phrases and compound adjectives N.N.Prokopovich. Rus.iaz.v shkole 22 no.4:6-11 Jl-Ag '61.

"From the life of words" by E. Vartan'ian Reviewed by V S Gabo Rus iaz v shkole 22 no 3 103-104 My-Je '61

RUSSIAN LANGUAGE—TEXTBOOKS

Concerning S E. Kriuchkova's article "System and type of Russian language textbooks." E I Korenevskii Rus iaz v shkole 22 no 3 90-91 My-Je '61

Discussing the type of textbook for grades 5-8 of eight-year schools. G.N.Lebedeva. Rus.iaz.v shkole 22 no.4:110-113 Jl-Ag '61.

Let's reduce theoretical material of the textbook. A.A. Komissarov. Rus.iaz.v shkole 22 no.4:93-94 Jl-Ag '61.

Notes on Russian language textbooks. V.N.Kondrashov. Rus.iaz.v shkole 22 no.4:89-91 Jl-Ag '61.

Revision of Russian language textbooks for grades 5-6. S.E.Kriuchkov. Rus.iaz.v shkole 22 no.4:31-37 Jl-Ag '61.

Russian language program and textbook. M S Lapatukhin. Rus.iaz.v shkole 22 no.4 88-89 Jl-Ag '61.

Russian language textbook. V.S.Gabo. Rus.iaz.v shkole 22 no.4,91-92 Jl-Ag '61.

Russian language textbook for grades 5-8 of eight-year schools V A Dobromyslov Rus iaz v shkole 22 no 3 84-90 My-Je '61

Theoretical questions in connection with the teaching of the Russian language ("Course in the present-day Russian literary language" by A. M. Finkel', N. M Bazhenov. Reviewed by V M Prylipko). Ukr. mova v shkoli 11 no.4:86-92 Jl-Ag '61.

RUSSIAN LANGUAGE—TEXTBOOKS FOR FOREIGNERS—ENGLISH

Chekhov, A.P. Short stories. Moscow, Foreign Languages Publishing House [n.d.] (Russian readers for beginners) [In Russian.]

Tolstoi, A.N. Nikita's childhood. Moscow, Foreign languages publishing house [n.d.] (Russian readers for beginners) [In Russian.]

RUSSIAN LANGUAGE—VERB

The structural and semantic characteristics of verbs which begin with the letter "v" in M Gor'kii's autobiographical trilogy [with summary in English]. O I Rak. Vest LGU 16 no 14:106-117 '61

Verbs of movement in the Russian language. A.V. Isachenko. Rus.iaz.v shkole 22 no.4:12-16 Jl-Ag '61.

RUSSIAN LANGUAGE—WORD FORMATION

Why do we speak so. I. Urazov. Ogonek 39 no. 29:32 Jl '61.

RUSSIAN LITERATURE—BIBLIOGRAPHY see Bibliography—Russian literature

RUSSIAN LITERATURE—COLLECTIONS

Kudinov, P., comp. [Life is a feat, works of Turkestani war authors] Zhizn' - podvig; tvorchestvo voinov-turkestantsev. Tashkent, Goslitizdat UzSSR, 1959. 292 p.

RUSSIAN LITERATURE—HISTORY AND CRITICISM

Akimov, IU. L. [Articles on Russian writers] Stat'i o russkikh pisateliakh. Moskva, Gos.izd-vo khudozh. lit-ry, 1961. 188 p.

Antonovich, M.A. [Literary criticism] Literaturno-kriticheskie stat'i. Moskva, Gos.izd-vo khudozh. lit-ry, 1961. 513 p. (Russkaia kritika)

Gorelov, A.E. [Sketches of Russian writers] Ocherki o russkikh pisateliakh. Leningrad, Sovetskii pisatel', 1961. 664 p.

Honored with Lenin Prizes. IU. Zubov Bibliotekar' no. 7 25-29 Jl '61

Ileshin, B.I. [Living witnesses; the Tambov region in literature] Svideteli zhivye, Tambovskii kraI v khudozhestvennoi literature. [Tambov] Tambovskoe knizhnoe izd-vo, 1960. 78 p.
(MH)

Life's truth and literary cliches. Viktor Perel'man. Sov. profsoiuzy 17 no.14:31-33 Jl '61.

Mukanov, Sabit. [Paths of our development; articles on literary criticism. Puti nashego razvitiia; literaturno-kriticheskie stat'i] Alma-Ata, Kazgoslitizdat, 1960. 997 p. [In Kazakh.]
(MH)

Odessa, Universytet. [Problems of Soviet literature] Pitanila radianskoi literatury. Odesa, 1959. 282 p.
(KU)

Shcherbina, V.R. [Current problems of modern literary criticism] Aktual'nye problemy sovremennogo literaturovedenila. Moskva, Gos.izd-vo khudozh. lit-ry, 1961. 470 p.

Timofeev, L.I., and N.N.Zhegalov. [Literature is the book of life] Literatura uchebnik zhizni. Moskva, Izd-vo "Znanie" Vses. ob-va po raspr. polit.i nauchn. znanii, 1961. 34 p. (Narodnyi universitet kul'tury, no. 1)

RUSSIAN LITERATURE—STUDY AND TEACHING

Kuznetsova, M., comp. [Teaching Russian literature] Prepodavanie russkoi literatury; sbornik statei. Moskva, Uchpedgiz, 1960. 290 p (Opyty raboty uchitelei nerusskikh shkol)
(NNC)

Kuznetsova, M.I., comp. [Russian language and literature in national schools] Russkii iazyk i literatura v natsional'noi shkole. Moskva, Uchpedgiz, 1959. 292 p.
(MH)

RUSSIAN NEWSPAPERS

(see also subdivision under Barankul'skiy District, North Kazakhstan Province, Temir-Tau)

[History of the local Bolshevik press; a collection of articles] Iz istorii mestnoi bol'shevistskoi pechati, sbornik statei. Moskva, Gos.izd-vo polit. lit-ry, 1961. 263 p.

"Kolokol; the newspaper published by A I Herlzen and N P Ogarev. Vol 1 (1857-1858)." Reviewed by N. M. Pirumova Vop list no 7:155-157 Jl '61

"The Soviet press in documents " Reviewed by K Bogoliubov Kommunist 38 no 13 127-128 S '61

RUSSIAN NEWSPAPERS—INDEXES

[Chronicle of newspaper articles.] Let.gazet.st. nos.6-7 '61.

RUSSIAN PAINTINGS see Paintings, Russian

RUSSIAN PERIODICALS

"The Soviet press in documents " Reviewed by K Bogoliubov. Kommunist 38 no 13 127-128 S '61

RUSSIAN PERIODICALS—BIBLIOGRAPHY see Bibliography—Russian periodicals

RUSSIAN PERIODICALS—INDEXES

[Chronicle of periodical articles] Let.zhur st. nos.32 33 '61.

[Chronicle of periodical articles.] Let.zhur.st. no.34 '61.

RUSSIAN PLAIN see East European Plain

RUSSIAN PLATFORM—BRACHIOPODA, FOSSIL

Stratigraphic importance of Jurassic brachiopods of the Russian Platform. V. P Makridin. Trudy VNIGNI no. 29 vol. 2 171-175 '61.

RUSSIAN PLATFORM—CHAROPHYTA, FOSSIL

Triassic Charophyta of the Russian Platform I. M Shaikin Trudy VNIGNI no 29 vol. 1.31 '60

RUSSIAN PLATFORM—GAS, NATURAL—GEOLOGY

Outlook for oil and gas in eastern and central Ciscaucasia and the southern Russian Platform and basic trends in future prospecting N. IU, Uspenskaia, R I. Bykov, IU. A. Sudarikov. Trudy VNIGNI no 32 211-247 '60

RUSSIAN PLATFORM—GEOLOGY, STRATIGRAPHIC

Age of the oldest sedimentary cover of the Russia Platform. A A Klevtsova, L. F Solomtsov. Dokl. AN SSSR 139 no. 3;673-676 Jl '61

Correlation of the Jurassic sediments in the Northern Caucasus and Russian Platform. G. IA. Krymgol'ts. Trudy VNIGNI no. 29 vol. 2, 47-56 '61

Organization and work of the conference. Trudy VNIGNI no 29 vol 1 158-161 '60.

Project for a unified stratigraphic scale of the Jurassic in the Russian Platform. N. T Sazonov Trudy VNIGNI no. 29 vol. 2;5-47 '61.

Resolutions of the Triassic Section of the Mesozoic Conference. Trudy VNIGNI no 29 vol 1-154-157 '60

Triassic of the Polish-Lithuanian syneclise. A. L Vala. Trudy VNIGNI no. 29 vol. 1 81-83 '60

Triassic of the western borders of the Donets Basin and the Donets trough I IU Lapkin, E. E. Migacheva, B P Sterlin Trudy VNIGNI no. 29 vol 1 106-137 '60

Triassic sediments in the central areas of the Russian Platform. D. L Frukht. Trudy VNIGNI no 29 vol. 1 76-80 '60

Unified stratigraphic scale of the Triassic of the Russian Platform E. I. Sokolova. Trudy VNIGNI no 29 vol 1 9-17 '60

Zonal subdivision of the lower Volga stage its correlation with the Bononian and Portlandian stages of northwestern Europe. N. P. Mikhailov. Trudy VNIGNI no. 29 vol. 2, 56-63 '61.

RUSSIAN PLATFORM—OSTRACODA, FOSSIL

Stratigraphic importance of the lower Triassic ostracods in the Russian Platform. G. F. Shneider Trudy VNIGNI no. 29 vol. 1 32-35 '60.

RUSSIAN PLATFORM—PALEOBOTANY, STRATIGRAPHIC

Paleobotanic basis of the Triassic of the Russian Platform M. F. Neiburg. Trudy VNIGNI no. 29 vol 1 17-26 '60

RUSSIAN PLATFORM—PALYNOLOGY

Spore and pollen complexes in the Triassic of the Russian Platform V. S. Maliavkina Trudy VNIGNI no. 29 vol. 1, 26-31 '60.

RUSSIAN PLATFORM—PETROLEUM GEOLOGY

Outlook for oil and gas in eastern and central Ciscaucasia and the southern Russian Platform and basic trends in future prospecting. N. IU. Uspenskaia, R. I. Pykov, IU. A. Sudarikov. Trudy VNIGNI no. 32, 211-247 '60.

RUSSIAN POETRY—HISTORY AND CRITICISM

Mashbits-Verlov, I. M. [Poems by Malakovskii] Poemy Malakovskogo [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1960. 310 p.
(NN)

RUSSIAN SATELLITES see Communist Countries

RUSSIAN SOCIAL DEMOCRATIC PARTY
(see also subdivision under Rostov-on-Don, Siberia, Transcaucasia; Ukraine)

Barchugov, P. V. [Meeting of the expanded staff of "Proletarila."] Soveshchanie rasshirennoi redaktsii "Proletarila." Moskva, Gos. izd-vo polit. lit-ry, 1961. 108 p.

The Communist Party as the inspirer and organizer of the victory of the Great October Socialist Revolution. Z. D. [Ashin]. Sbor. st. Ist. VPSH no. 1, 3-12 '59.

Golikov, G. N. [The Communist Party as the organizer of the victory of the Great October Socialist Revolution] Kommunisticheskaia partiia - organizator pobedy Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii. Moskva, Izd-vo "Znanie" Vses. ob-va po rasprostraneniiu polit. i nauchn. znanii, 1961. 39 p. (Narodnyi universitet kul'tury. Fakul'tet obshchestvenno-politicheskii, no. 5)

Kreer, A. M. ["Comrade Innokentii"] Tovarishch Innokentii. [Orel] Orlovskoe knizhnoe izd-vo, 1960. 137 p.

Lenin, V. I. [What is to be done?] Chto delat'? Moskva, Gos. izd-vo polit. lit-ry, 1961. 214 p.

Markov, I. S. [The Bolshevik Party during the first Russian Revolution from 1905 to 1907] Partiia bol'shevikov v period pervoi russkoi revoliutsii 1905-1907 gg. *Iskhii. Otv. red. I. B. Chelnapov.* Moskva, 1960. 55 p.
(MH)

Terekhov, I. S., and K. S. Tarasenko. [In serried ranks] Splochennymi riadami. Moskva, Gos. izd-vo polit. lit-ry, 1960. 140 p. (Voprosy partiinogo stroitel'stva)
(CSt-H)

RUSSIAN SOCIAL DEMOCRATIC PARTY—CONGRESSES

Lenin, V. I. [The party program adopted by the Eighth Congress of the Russian Communist Party (Bolshevik); documents, articles, speeches] O programme partii, priniatoi na VIII s"ezde RKP(b), dokumenty, stat'i, rechi. Moskva, Gos. izd-vo polit. lit-ry, 1961. 221 p.
(NN)

RUSSIAN STUDIES see subdivision under France, Germany, West

RUSSIANS see subdivision under Chuvashia

RUTHENIA see Transcarpathia

RYAZAN—MOTION-PICTURE PHOTOGRAPHY—FILMS

Project of the new film printing plant in Ryazan. O. P. Podlipskii. Tekh. kino i telev. 5 no. 6, 62-63 Je '61.

RYAZAN—NURSES AND NURSING

Nurses' councils. L. M. Baranovskii, M. D. Zaitseva. Med. sestra 20 no. 6, 56-57 Je '61.

RYAZAN PROVINCE—AERONAUTICAL SOCIETIES

Where wings are forged. Kryl. rod. 12 no. 5, 16-16c My '61.

RYAZAN PROVINCE—HAWKS

Some data on the nesting of the harrier eagle Circaetus ferox ferox Gm. in Ryazan Province. V. M. Galushin. Ornitologiia no. 3, 152 '58, '60.

GEOGRAPHY—

...ai lore. E. S. Gre-
4, 118-119 Jl-Ag

Ryazan Prov-
Zdravookhrane-
dabr' 1957 gg.
p.

s of a regional
spets. obr. 6

SOVIET UNION—

I. Iasnov,
146 Ag '61.

', S. Ivanov. Sbor.
'59.

v. VNIORKH 50-

RYBINSK RESERVOIR—HYDROGRAPHY

Method of calculating the mean level of Rybinsk Reservoir. Sbor. rab. Ryb. gidromet. observ. no. 1, 45-50 '59.

Method of forecasting the filling intensity of Rybinsk Reservoir. Sbor. rab. Ryb. gidromet. observ. no. 1, 131-158 '59.

RYBINSK RESERVOIR—HYDROLOGY

Accuracy of determining the discharge of water through the hydraulic structures of the Rybinsk hydroelectric center. I. I. Belykh. Sbor. rab. Ryb. gidromet. observ. no. 1, 3-21 '59.

RYBINSK RESERVOIR—TEMPERATURE

Thermal conditions of Rybinsk Reservoir. S. N. Tachalov. Sbor. rab. Ryb. gidromet. observ. no. 1, 106-130 '59.

RYBINSK RESERVOIR—WAVES

Methods used in observing and forecasting wind waves on Rybinsk Reservoir. V. B. Vaisband. Sbor. rab. Ryb. gidromet. observ. no. 1, 51-74 '59.

RYE
(see also subdivision under Talin District)

Resistance of winter rye to standing water. I. A. Stefanovskii. Agrobiologiia no. 4, 573-576 Jl-Ag '61.

Winter hardiness of certain rye varieties. V. IA. Iurtsev, V. P. Pakhomova. Visnyk sil'hosp. nauky 4 no. 8, 21-24 Ag '61.

RYL'S'KYI, MAKSYM, 1895-

Malyshko, Andrii. [A word about a poet] Slovo pro poeta. Kyiv, Radians'kyi pys'mennyk, 1960. 39 p. (Dekada ukrains'koi literatury ta mystetstva)
(MH)

SAHARA—CAVE DRAWINGS

Museum in the desert. E. Sofinskaia. Nauka i zhizn' 28 no. 6, 56-59 Je '61.

SAILING
(see also subdivision under Baltic Sea)

Notes on sailing. N. Grigor'ev. Kul't i zhizn' 5 no. 7, 11-16 '61.

Under sail. V. Andreev. [Un nat.] no. 6, 18-19 Je '61.

SAILORS (NAVY)—NUTRITION

Experience in controlling the vitamin C content of sea rations. O. G. Mironov. Voen.-med. zhur. no. 3, 51-52 Mr '61.

SAINFOIN

Effect of trace elements on the productivity of seeds and alfalfa and sainfoin yields in the following generation [in Armenian with summary in Russian]. A. S. Tovmasian. Izv. Upr. sel'khoz. nauki Arm. SSR 4 no. 1, 35-45 '61.

ST. VITUS' DANCE see Chorea

SAKHALIN—APARTMENT HOUSES

Housing construction on Sakhalin. I. Kostiomin. Zhil. stroi no. 6, 22-23 Je '61.

SAKHALIN—ENCEPHALITIS

Tick-borne encephalitis in Sakhalin; preliminary report. E. N. Savchenko. Vop. virus. 6 no. 5, 625 S-O '60.

SAKHALIN—GROUSE

Feeding of the sharp-winged grouse in Sakhalin. I. P. Mishin. Ornitologiia no. 2, 197 '59.

SAKHALIN—PRECAST CONCRETE

Manufacture of panels in reinforced concrete molds in Sakhalin. G. A. Kurkov, M. M. Labutin. Bet. i zhel.-bet. no. 7, 326-327 Jl '61.

SAKHALIN—WATER SUPPLY

Sanitary and hygienic characteristics of the water supply in southern Sakhalin. R. D. Gorodetskii. Gig. i san. 26 no. 3, 68-70 Mr '61.

SAKHALIN PROVINCE see Sakhalin

SAKHNOVSHCHINA DISTRICT—AGRICULTURE—ECONOMIC ASPECTS

Economic conference of scientists and practical workers on problems of agriculture. A. Evdokimov. Vop. ekon. no. 7, 138-142 Jl '61.

SALAMANDERS

Some data on early development of seismosensory lines of the head in Hynobiidae. I. M. Medvedeva. Dokl. AN SSSR 139 no. 3, 748-751 Jl '61.

SALAVAT—PENSIONS

Trade-union representative. M. Gagarin. Okhr. truda i sots. strakh. 4 no. 7, 25-26 Jl '61.

SALES TAX see subdivision under Serpukhov

SALICYLIC ACID

Result of a study of hydrostreptomycin paraaminosalicylate activity in vitro and in vivo. V. K. Vasil'ev, A. A. Pankova. *Antibiotiki* 6 no. 5, 390-392 My '61.

Results of experimental studies on dihydrostreptomycin paraaminosalicylate [with summary in English]. Z. V. Ermol'eva and others. Antibiotiki 6 no. 5, 385-390 My '61.

SALICYLOHYDROXAMIC ACID

Determination of titanium traces in pure aluminum salts with salicylohydroxamic acid. I. P. Alimarin, N. I. [illegible] kova, N. V. Zakarina. Zav. lab. 27 no. 8, 951-953 '61.

SALINE AND ALKALI SOILS see subdivision under Nakhichevan A. S. S. R., Siazan' region, Sumgait region

SALINITY
(see also subdivision under Atlantic Ocean)

Approximate calculation of temperature and salinity variations in the active layer of the sea and their effect on currents. L. A. Zhukov. Trudy Okean. kom. 11, 149-161 '61.

SALMANOV, VADIM NIKOLAEVICH, 1912-

Aranovskii, M. G. [Vadim Nikolaevich Salmanov, a sketch of his life and works] Vadim Nikolaevich Salmanov; ocherk zhizni i tvorchestva. [Leningrad, Izd-vo "Sovetskii kompozitor," 1961] 74 p.

SALMONELLA

Salmonella carrying by food industry workers and the prevention of food poisoning. S. P. TSelikov. Gig. i san. 26 no. 3, 65-68 Mr '61.

Some properties of bacteria No. 5170 experimentally produced from Escherichia coli and causing typhus in murine rodents. M. I. Prokhorov. Trudy Inst. mikrobiol., no. 10, 138-142 '61.

SALMONELLA TYPHOSA see Eberthella typhosa

SALT
(see also subdivision under Olekminsk District)

Detailed study of the mechanism of the luminescence of NaCl - Ni phosphors. I. A. Parfianovich, I. I. Shkliarevа. Izv. vys. uchib. zav., fiz. no. 1, 91-97 '61.

"Electrolysis of sodium chloride solutions" by I. S. Genin. Reviewed by N. P. Fedot'ev, A. L. Rotinian. Zhur. prikl. khim. 34 no. 7, 1649-1650 Jl '61.

"Electrolytic manufacture of chemicals from salt" by D. W. F. Hardie. Reviewed by I. IA. Volkind. Zhur. prikl. khim. 34 no. 7, 1652 Jl '61.

SALT CRYSTALS

Fragility and plastic deformations of sodium chloride. G. V. Shubin. Izv. vys. ucheb. zav., fiz. no. 1, 99-103 '61.

Stability of structures of the cesium and sodium chloride type in TlCl crystals. N. N. Kristofel', F. F. Lavrent'eva. Fiz. tver. tela 3 no. 6, 1676-1678 Je '61.

SALT DEPOSITS see subdivision under Carpathian Mountains

SALT DOMES see subdivision under Termez District

SALTING OF FOOD

Use of salts from different deposits for salting margarine [with summary in English]. I. N. Zhuravlev. Vop. pit. 20 no. 4, 45-48 Jl-Ag '61.

SALTS

Akademiia nauk SSSR. Institut obshchei i neorganicheskoi khimii. [Reference book on the fusibility of systems of anhydrous inorganic salts] Spravochnik po plavkosti sistem iz bezvodnykh neorganicheskikh solei. Sost. N. K. Voskresenskaia i dr. Moskva.
Vol. 2. [Ternary, ternary reciprocal, and multicomponent systems] Staiomy troinye, troinye vzaimnye i bolee slozhnye, 1961. 586 p.

Determination of the decomposition potentials of fused salts in graphite cells. I. N. Shelko, V. G. Feshchenko. Ukr. khim. zhur. 27 no. 1, 473-478 '61.

Determination of the thermodynamic functions of oxygen-containing salts by the electromotive force method [with summary in English]. T. N. Razukhina and others. Zhur. fiz. khim. 35 no. 6, 1367-1369 Je '61.

SALTS—MAGNETIC PROPERTIES

Effect of unresolved structures on the line width in electron paramagnetic resonance [with summary in English]. R. Kh. Timerov. Zhur. eksp. i teor. fiz. 40 no. 4, 1101-1105 Ap '61.

SALVAGE (WASTE, ETC.)

Inexhaustible resources. M. Moro. Mest. prom. i khud. promys. 2 no. 6, 10-11 Je '61.

Nylon is a valuable material. G. Slumilov. Mest. prom. i khud. promys. 2 no. 6, 12-13 Je '61.

Problems of waste collectors. I. Akushin. Mest. prom. i khud. promys. 2 no. 6, 12 Je '61.

SAMARKAND—WILLOWS

Interesting case of the reproduction of Salix nigricans. K. K. Khmel'nitskii. Priroda 50 no. 8, 108 Ag '61.

SAMARSKOYE DISTRICT—WHEAT—HARVESTING

Welcome, wheat! M. Bublichenko. Ogonek 39 no. 28, 1 Jl '61.

SAMARTSEV, ALEKSANDR GEORGIEVICH, 1901-

Aleksandr Georgievich Samartsev; on the sixtieth anniversary of his birth. A. N. Terenin. Zhur. fiz. khim. 35 no. 7, 1651-1652 Jl '61.

SAMOKISH, NIKOLAI SEMENOVICH, 1860-1941

Polkanov, A. L. [Nikolai Semenovich Samokish, his life and works. On the 100th anniversary of his birth, 1860-1960] Nikolai Semenovich Samokish, zhizn' i tvorchestvo. K 100-letiiu so dnia rozhdeniia, 1860-1960. Simferopol', Krymizdat, 1960. 116 p. (MH)

SANATORIUMS see subdivision under Sochi

SAND

(see also subdivision under Angara Valley, Beyshan')

New design of sand-distributing devices for electric locomotives. I. N. Maksimovich. Transp. stroi. 11 no. 7 11-13 Jl '61

Substitute for mineral powder. L. E. Faktorovich. Avtodor. 24 no. 7:32 Jl '61

SAND—DRYING see subdivision under Vladivostok

SAND, FOUNDRY

Flow ratio of molding mixtures. V. F. Kosinkov. Lit. proizv. no. 7:11-13 Jl '61

Introducing automatic control of loam mixture feeding in foundries. N. T. Zharov, M. M. Kushch, IU. I. Red'ko. Lit. proizv. no. 7 17-20 Jl '61

Using lean and semifat foundry sands for the rammed lining of steel ladles. P. S. Rubinskii, D. V. Puditov, M. L. Bel'man. Ogneupory 26 no. 7:314-318 '61.

SAND, FOUNDRY—TESTING

Analytic determination of the strength of sand-clay mixtures considering the nature of molding clays. K. L. Shcheptunov. Izv. vys. uchch. zav., mashinostr. no. 6: 137-146 '61.

Some results of investigating the properties of quick-hardening mixtures with sodium silicate. A. M. Liass. Lit. proizv. no. 7 23-30 Jl '61.

SAND AND GRAVEL INDUSTRY

Current standard plans for rock, sand, and gravel plants. Biul. stroi. tekh. 18 no. 6:8-10 Je '61.

Obtaining and treating rock, gravel, and sand. Stroitel' no. 2,31 F '61

SAND AND GRAVEL PLANTS

Method of designing pressure hydraulic transportation of sand and sand-and-gravel materials. I. G. Khasel'berg, L. S. Zhivotovskii, B. I. Karlin. Stroi. mat. 7 no. 6 32-34 Je '61

SAND-LIME PRODUCTS

Simplified means of manufacturing silicate building materials under rural conditions. M. A. Matveev. Stroi. mat. 7 no. 7:21-26 Jl '61.

SANDBLAST

Danilov, P. P. [Safety engineering guide for operators of sand-blasting equipment] Pamiatka po tekhnike bezopasnosti dlia rabotaiushchikh s peskostruinymi apparatami. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 13 p. (Tekhnika bezopasnosti)

SANDPIPERS see subdivision under Chukchi Peninsula

SANDSTONE see subdivision under Dzhezkazgan District

SANITARY ENGINEERING

Gusev, A. A. [Using the radioactive indicator method in sanitary engineering] Opyt primeneniia metoda radioaktivnykh indikatorov v sanitarnoi tekhnike; stenogramma lektsii. Leningrad, 1961. 45 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Seriia: Stroitel'naia promyshlennost')

Prospects in developing sanitary engineering equipment for buildings. F. Shevelev. Sov. arkhit. no. 12 89-94 '60.

SANITARY ENGINEERING—BIBLIOGRAPHY see Bibliography—Sanitary engineering

SANITARY ENGINEERING—CONGRESSES

Nineteenth Scientific Conference of the Leningrad Civil Engineering Institute. Vod. i san. tekh. no. 7:36-37 Jl '61.

SAPONIFICATION

Potentiometric method of determining the content of free alkali in a saponified oxidate. R. M. Besitskii, B. P. Kotel'nikov, A. A. Karpenko. Masl.-zhir. prom. 27 no. 7:30-32 Jl '61.

SAPPING

The sappers took pains and the tanks passed. L. Pedi-ash. Starsh.-serzh. no. 1:12-13 Ja '61.

SAPROPELITES

Interuniversity conference on using sapropel in agriculture. M. I. Neishtadt. Izv. AN SSSR, Ser. geog. no. 4: 167-169 Jl-Ag '61.

SARATOV—AERONAUTICAL SOCIETIES

If you like your work, it's a simple matter. K. Puchik. Kryl. rod. 12 no. 5:8-9 My '61.

SARATOV—AGRICULTURAL MACHINERY

Here it is - help for agriculture. V. Zelentsov. Zhil.-kom. khoz. 11 no. 5,21-22 My '61.

SARATOV—NURSES AND NURSING

Seminar for disability evaluation commission nurses. Sots. obesp. 22 no. 6:32 Je '61

SARATOV PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

The members of party committees. N. Fedulov, IU. Vostrikov. Part. zhizn' no. 15/16 113-119 Ag '61

SARATOV PROVINCE—COMMUNIST YOUTH LEAGUE

Kuriganov, E. N., ed. [Militant aid of the party, from the history of the Communist Youth League, 1918-1958] Partii pomoshchnik boevoi, iz istorii Saratovskoi oblastnoi organizatsii VLKSM, 1918-1958. [Saratov] Saratovskoe knizhnoe izd-vo, 1959. 250 p. (MH)

SARATOV PROVINCE—EDUCATION, COOPERATIVE

Production trend of the general cultural and local-lore work of the rural school students. A. M. Nazarenko. Shkola i proizv. 5 no. 7,41-46 Jl '61.

SARATOV PROVINCE—GEOLOGY, STRATIGRAPHIC

The basis for three-membered division of Akchagyl deposits in the Saratov area of the trans-Volga region. B. P. Gortsuev. Dokl. AN SSSR 139 no. 1,170-172 Jl '61

Basis of the stratigraphic subdivisions of the Jurassic and Cretaceous of Saratov Province (Volga Valley portion of Saratov Province and the northwestern part of the Caspian Lowland). A. N. Ivanova, T. N. Khabarova, K. M. Volten'ko. Trudy VNIGNI no. 29 vol. 2 72-84 '61.

SARATOV PROVINCE—HISTORY

Kuriganov, E. N., ed. [Militant aid of the party; from the history of the Communist Youth League, 1918-1958] Partii pomoshchnik boevoi, iz istorii Saratovskoi oblastnoi organizatsii VLKSM, 1918-1958. [Saratov] Saratovskoe knizhnoe izd-vo, 1959. 250 p. (MH)

SARATOV PROVINCE—SUSLIKS

Interrelationships of the lesser and mottled susliks (Citellus pygmaeus and C. suslica) at the boundary between their ranges [with summary in English] V. P. Denisov. Zool. zhur. 40 no. 7 1079-1085 Jl '61

SARATOV PROVINCE—WELDING—SAFETY MEASURES

Welding stand with exhaust. G. Ilin. Okht. truda i sots. strakh. 4 no. 7 33 Jl '61.

SARATOV RESERVOIR—FISHERIES

Saratov Reservoir. A. N. Likovleva. Izv. VNIORKH 50: 77-87 '61

SARMATIANS

Social development of the permanent population in the area of the Dniester and Southern Bug estuaries during the Sarmatian period. M. S. Synytsyn. Mat. i arkheol. Pivn. Prychor. no. 3 101-112 '60.

SARY-SU VALLEY—GAS, NATURAL

Tectonics, and gas and oil potentials of the southwestern Chu - Sary-Su Depression. N. IA. Kunin. Izv. AN Kazakh. SSR, Ser. geol. no. 2:3-17 '61.

SARY-SU VALLEY—PETROLEUM GEOLOGY

Tectonics, and gas and oil potentials of the southwestern Chu - Sary-Su Depression. N. IA. Kunin. Izv. AN Kazakh. SSR, Ser. geol. no. 2,3-17 '61.

SATELLITES—JUPITER

Observations of eclipses and occultations of the first two satellites of Jupiter. Astron. tsir. no. 218:22 F '61

SATELLITES—MARS

Farefetched hypothesis of Martian satellites. V. A. Bronshten. Priroda 50 no. 8:78-81 Ag '6

SATELLITES, ARTIFICIAL see Artifi-

SATIRE

Plotkin, L. A., ed. [Russian satire beginning of the 20th century] Rus nachala XX veka. Moskva, Gos. lit-ry, 1960. 729 p. (NN)

SATY VALLEY—PALYNOLOGY

Spore and pollen complexes from Te the northern Tien Shan (Saty River Mat. po ist. fauny i flory Kazakh.

SAUSAGES

(see also subdivision under Kirghi

Brigade forms of labor organization production standards in sausage sh ind. SSSR 32 no. 1:38-42 '61.

Determining the moisture content of kian. Mias. ind. SSSR 32 no. 3:21

Efforts for greater profit in the sau S. Belei. Mias. ind. SSSR 31 no. 4

Establishing the production capacity N. Kholodnov. Mias. ind. SSSR 32

Experiments with lactic acid bacteria in the production of smoked sausages. A. Starostin, V. Novichkov, O. Akunova. Mias. ind. SSSR 31 no. 4:21-22 '60

Mechanization of thermal processing of sausages. P. Gnoevoi, P. Maliutin, G. Lavrova. Mias. ind. SSSR 32 no. 3 13-15 '61

New developments in the wage system of boner-dressers and vein pumpers. M. Barabash. Mias. ind. SSSR 32 no. 2 37-39 '61

Use of spice extracts in the sausage industry. I. Bushkova, V. Chiriatnikov. Mias. ind. SSSR 31 no. 4,25 '60

Use of swine skins in making sausages. I. Koledin, S. Liberman, D. Vinnik. Mias. ind. SSSR 32 no. 3 22 '61.

SAUSAGES—COSTS see subdivision under Moscow

SAVITSKI, ALES'

The true path ("Cedars look at the sea", a tale by Ales' Savitski. Reviewed by A. Rybak) Belarus' 18 no. 7 30-31 Jl '61

SAWFLIES

Skorikova, O. A. [Sawflies, pests of fruits and berries] Pilil'shchiki, vredliashchie plodovo-iagodnym kul'turam. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 72 p. (DA)

SAWMILLS

Specializing the work of sawmills on the basis of the quality of the raw materials. N. A. Popov. Les. prom. 39 no. 7:26-27 Jl '61

SAWMILLS—SAFETY MEASURES

Blocking the crankshaft guard of the RD-75 gang saw. G. M. Konstantinov. Der. prom. 10 no. 7:23 Jl '61

SAWS see subdivision under Finland, Great Britain; Minsk

SAYAN MOUNTAINS—ARCHANGELICA

Fatty oils in some members of the carrot family (Umbelliferae) from the Sayans. IU. A. Dranitsyna. Trudy Bot. inst. Ser. 5 no. 8 35-39 '61.

SAYAN MOUNTAINS—GEOLOGY, STRUCTURAL

Origin of the so-called "gaping tectonic fissures" in the Sayans and Lake Baikal region. M. G. Grosval'd. Biul. MOIP, Otd. geol. 36 no. 2 143-144 Mr-Ap '61.

SAYAN MOUNTAINS—MAGNETITE

Magnetite ore manifestation in the Ikhet-Onot interfluve (Eastern Sayan). S. P. Pleshanov. Zap. Vost.-Sib. otd. Vses. min. ob-va no. 1,120-122 '59

SAYAN MOUNTAINS—PLEUROSPERMUM

Fatty oils in some members of the carrot family (Umbelliferae) from the Sayans. IU. A. Dranitsyna. Trudy Bot. inst. Ser. 5 no. 8 35-39 '61.

SAYAN MOUNTAINS—ULTRABASITE

Ospa-Kitoy massif of ultrabasites (Eastern Sayan). Trudy Vost.-Sib. fil. AN SSSR no. 16:5-50 '61

SAYINGS see Proverbs

SCALE INSECTS

(see also subdivision under Armenia, Nakhichevan A.S.S.R.)

Data on the biological control of the wax scale Ceroplastes Japonicus G. V. N. Vashadze. Trudy Sukh. bot. sada no. 12:359-364 '60.

Voroshchagin, B. V., and O. G. Kishkina. [Acacia and plum pseudoscales and their control in plum orchards] Akatsievaia i slivovaia lozhnoshchitovki i mery bor'by s nimi v slivovykh sadakh. Kishinev, Izd-vo "Shtiintsa" Moldavskogo filiala AN SSSR, 1960. 20 p.

SCARLET FEVER see subdivision under Maritime Territory

SCATTERING (PHYSICS)
Asymptotic behavior of the scattering amplitude at infinite energies [with summary in English]. L. A. Khalfin. Zhur. eksp. i teor. fiz. 40 no. 2 493-497 F '61
Double dispersion relations for potential scattering [with summary in English]. V. I. Mal'chenko. Zhur. eksp. i teor. fiz. 40 no. 2 546-548 F '61
Energy dependence of the scattering cross section at small energies. S. M. Bilen'kii. Zhur. eksp. i teor. fiz. 40 no. 2 714-715 F '61

SCHAIRERITE see subdivision under Lovozero Tundras

SCHEELITE
Relationship of molybdenite and scheelite with the feldspar-quartz stage of mineralization in some skarn-type rare metal deposits. V. I. Rokharskii. Dokl. AN SSSR 139 no. 4 963-965 Ag '61

SCHIFF BASES
Stereochemical studies. Part 10. Schiff bases from optically active 2-aminobutanol. V. M. Potapov, A. P. Terent'ev, S. P. Spivak. Zhur. ob. khim. 31 no. 7 2415-2419 Jl '61

SCHISANDRA
Schisandra. B. Aleksandrov. IUn. nat. no. 6 26 Je '61

SCHISTS see subdivision under Kazakhstan

SCHIZOPHRENIA
Allergic reactivity of patients with schizophrenia [with summary in French]. IU. A. Il'inskii. Zhur. nevr. i psikh. 61 no. 4 549-556 '61
Clinical aspects of schizophrenia with distinct affective disorders [with summary in French]. A. IA. Levinson. Zhur. nevr. i psikh. 61 no. 4 573-580 '61.
Clinical aspects of schizophrenia with hypochondriac manifestations [with summary in English]. L. L. Rokhlin. Zhur. nevr. i psikh. 61 no. 4 565-572 '61
Clinical peculiarities of remission in patients with a circular form of schizophrenia treated with aminazine. Report No. 1 [with summary in French]. M. S. Zeleva. Zhur. nevr. i psikh. 61 no. 4 581-588 '61.
Clinical school of V. A. Gilliarovskii. E. N. Kameneva. Zhur. nevr. i psikh. 61 no. 5 762-764 '61
Dynamics of the mobility of basic nervous processes in schizophrenics in relation to their clinical condition [with summary in English]. A. IE. Khyl'chenko. Fiziol. zhur. [Ukr.] 7 no. 4 456-464 Jl-Ag '61.
Electrical activity of the brain in patients with the catatonic form schizophrenia in acute stages and during remissions [with summary in French]. V. M. Kamenskaia. Zhur. nevr. i psikh. 61 no. 4 557-564 '61.
Influence of aminazine therapy on the dynamics of the depressive-paranoid form of schizophrenia [with summary in French]. T. N. Morozova. Zhur. nevr. i psikh. 61 no. 4 589-593 '61.
Nosological problems in schizophrenia in contemporary psychiatry abroad. E. IA. Shternberg. Zhur. nevr. i psikh. 61 no. 4 609-626 '61.
Transitory conditions in schizophrenia. Report No. 1: *Manic euphoria as a stage of therapeutic remission in schizophrenia* [with summary in French]. I. Z. Gindis. Zhur. nevr. i psikh. 61 no. 4 594-599 '61

SCHOOL AND COMMUNITY see Community and school

SCHOOL CHILDREN—FOOD see subdivision under Ukraine

SCHOOL DISCIPLINE
Casual or formal? M. Sablukov. Prof.-tekh. obr. 18 no. 7-25 Jl '61.

SCHOOL EXCURSIONS
(see also subdivision under Pruzhany District; Voronezh, Voronezh Province)
Excursion of the fifth graders on the topic "Mechanization of vegetable gardening." P. F. Antonov. Shkola i proizv. 5 no. 7:32-37 Jl '61
Excursion to the city park. E. V. Mukoseeva. Biol. v shkole no. 3:8-14 My-Je '61
Excursion work in botany. P. F. Antonov. Biol. v shkole no. 3:15-19 My-Je '61
Excursions to the museum with seventh-grade students in connection with the course on the history of the U. S. S. R. A. V. Gusarkina. Prep. ist. v shkole 16 no. 4 63-69 Jl-Ag '61
Fall excursion to a forest with the fifth grade students. T. A. Rozina. Biol. v shkole no. 4:31-35 Jl-Ag '61.
Masters of their country's nature ("School excursions to study nature" by M. A. Paporkov. Reviewed by V. Elagin). Nar. obr. no. 8:97-98 Ag '61.

SCHOOL GARDENS
(see also subdivision under Myshkino; Novo-Donetskaya; Ossetia; Udmurt A.S.S.R.)
How to organize duty assignments and students work in a school garden during summer. A. F. Sharnin. Nach. shkola 29 no. 6:63-66 Je '61.
Perennial plants wintering in the open. I. P. Ignat'eva. Doshk. vosp. 34 no. 7:81-87 Jl '61.

SCHOOL HYGIENE
Physiological basis of student work training. A. A. Markosian. Sov. pedag. 25 no. 7 65-74 Jl '61
Some hygienic aspects of extended school days [with summary in English]. M. V. Antropova. Gig. i san. 26 no. 7 31-39 My '61.

SCHOOL LIBRARIES
(see also subdivision under Kharkov)
Technical school library helps those who work and study. A. E. Zaichik, L. I. Zittser. Sred. spets. obr. 6 no. 7 35-37 Jl '61

SCHOOL MANAGEMENT AND ORGANIZATION
Organizing group and sports grounds on preschool institution lots. V. Svideras'kyi. Doshk. vykh. 22 no. 7 37-43 Jl '61.

SCHOOL MUSIC
Conference on choral singing training. M. Rumer. Sov. pedag. 25 no. 6 155-157 Je '61
Training students to love music. O. M. Blandova. Sov. pedag. 25 no. 7 82-87 Jl '61

SCHOOL MUSIC—CONGRESSES
Conference on musical and aesthetic training in pedagogical institutes. T. Berkman. Sov. pedag. 25 no. 7 152-153 Jl '61

SCHOOL MUSIC—INSTRUCTION AND STUDY
(see also subdivision under Serpukhov District)
We are inculcating a love of music. T. Aliamkina. Shkola-int. no. 2 60-66 Mr-Ap '61

SCHOOL SUPERVISION
(see also subdivision under Moscow, Ul'yanovka District)
Interschool control and supervision of instruction. K. Zolotar'. Nar. obr. no. 8 insert 16 p. Ag '61.
Supervising educational and training work in boarding schools. IU. A. Hrytsai. Rad. shk. 40 no. 8 61-64 S '61

SCHOOLHOUSES
(see also subdivision under Poland)
Let's build by standard designs. A. Gordeev. Prof.-tekh. obr. 18 no. 6:11-13 Je '61.
Let's build the schools quicker and better. I. Padezhnov. *Nar. obr. no. 8 61-65 Ag '61.*
Let's start a real competition. M. Konstantinov. Nar. obr. no. 8 66-68 Ag '61.

SCHOOLHOUSES—DESIGNS AND PLANS
New model plans for schools and children's institutions. S. Zmeul, V. Sheatopalov. Na stroi. Ros. no. 5:5-7 My '61.

SCHOOLHOUSES—HEATING AND VENTILATION
Hygienic evaluation of results obtained with a ventilation unit for schools [with summary in English]. L. IA. Kel'shtein, A. G. Antonov, G. G. Shamitulian. Gig. i san. 26 no. 3:39-45 Mr '61.

SCHOOLS—FURNITURE, EQUIPMENT, ETC.
Organizing group and sports grounds on preschool institution lots. V. Svideras'kyi. Doshk. vykh. 22 no. 7. 37-43 Jl '61.

SCIATICA
Clinical and experimental application of leeches in treating sciatic neuritis and neuralgia. S. Sh. Kasimov. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 4:91-95 '61.
Results of experiments with the application of leeches in treating sciatica. S. Sh. Kasimov. Izv. AN Azerb. SSR. Ser. biol. i med. nauk 3 91-94 '61

SCIENCE
(see also subdivision under Bulgaria; France)
Keeping pace with life. Priroda 50 no. 8:3-6 Ag '61.
A little bit about many things. Nauka i zhizn' 28 no. 6: 74-75 Je '61.
News around the world. Tekh. mol. 29 no. 6:34 '61.
News from foreign countries. Nauka i zhizn' 28 no. 6: 19, 34, 41, 59 Je '61.
Page of open letters. Tekh. mol. 29 no. 6:14 '61.
Perusing foreign journals. Tekh. mol. 29 no. 6:24 '61.

SCIENCE—BIBLIOGRAPHY see Bibliography—Science

SCIENCE—HISTORY see subdivision under Asia

SCIENCE—MISCELLANEA
Beware of mystifications. Tekh. mol. 29 no. 6:40 '61.
Brief notes on interesting things. Smena 38 no. 13:26-27 Jl '61.
Problems, discoveries, facts. Ogonek 39 no. 30:15 Jl '61.

SCIENCE—PHILOSOPHY
Akademiia nauk SSSR. Kafedra filosofii.
scientists in the struggle against idealist and metaphysical *theories* in natural sciences] Russkie uchenye v bor'be protiv idealisticheskikh i metafizicheskikh vozzrenii v estestvoznanii. Moskva, Izd-vo Akad. nauk SSSR, 1961. 246 p.
Philosophy and present-day science. P. N. Fedoseev. Vop. filos. 15 no. 7:17-20 '61.
Physicians study the philosophical problems of natural sciences. P. M. Kataiov. Vop. filos. 15 no. 8 151-152 '61
Scientific progress and the tasks of philosophical science. M. B. Mitin. Vop. filos. 15 no. 7:21-24 '61
Such an alliance is indispensable. G. V. Platonov. Nauka i zhizn' 28 no. 6,20-25 Je '61.

SCIENCE—SOCIAL ASPECTS
Science and society [with summary in English, p. 1]. Norbert Wiener. Vop. filos. 15 no. 7:117-122 '61
Some remarks apropos of Norbert Wiener's article "Science and society." Vop. filos. 15 no. 7:123-1 '61.

SCIENCE AND CIVILIZATION
Jump into the sky. Leonid Leonov. Kul't i zhizn' no. 6 6-8 '61

SCIENTIFIC SOCIETIES see subdivision under Leningrad

SCINTILLATION (PHYSICS)
Gosudarstvennyi soiuznyi trest "Soiuzreaktiv." [Scintillators] Stsintilliatory. Moskva, Gos. kom-t Soveta Ministrov SSSR po khimii, [1959] 28 p.

SCINTILLATION COUNTERS
Effect of the density of uranium ores and of the thickness of the iron absorbing layer on the gamma-ray spectrum of the ores as recorded by a scintillation counter. A. G. Grammakov and others. Atom. energ. 11 no. 1 69-71 Jl '61.
Output of radioluminescence of organic substances. Z. A. Chizhikova. Trudy Fiz. inst. 15:178-229 '61
Some deficiencies in the operation of a B-2 (RF unit) radiation meter equipped with a P-349-2 scintillation adapter. IA. A. Munin. Izv. AN Kir. SSR. Ser. est. i nauk. 3 no. 1:153-155 '61.

SCINTILLATION SPECTROMETRY
Angular distribution of neutrons with an initial energy of 14 mev inelastically scattered on carbon, nitrogen and sulfur [with summary in English]. V. V. Bobyr', L. IA. Grona, V. I. Strizhak. Zhur. eksp. i teor. fiz. no. 1 24-25 Jl '61.
Fast neutron spectrometer with a single transducer [with summary in English]. IU. A. Egorov, IU. V. Pankrat'ev. Inzh.-fiz. zhur. 4 no. 8 112-115 Je '61.

SCOTLAND—TRADE UNIONS—CONGRESSES
Scottish Trade-Union Congress says: "No to the Polaris!" Dave Goodman. Vsem prof. dvizh. no. 6 32-34 Je '61

SCRAPERS
Mobile SEL-1M scraper. D. B. Osichanskii. Sakh. pr. 35 no. 7 38-42 Jl '61
Which scraper is better? D. I. Fedorov and others. Stroi. i dor. mash. 6 no. 6:13-17 Je '61
Working a rock excavation with scrapers. L. M. Brai'skii, A. P. Degtiarev. Mekh. stroi. 18 no. 7 19-23 Jl '61.

SCREENS (MINING)
New developments in screening equipment and methods. A. F. Bychkov. Stroi. mat. 7 no. 7:37-40 Jl '61

SCREW-CUTTING MACHINES
Additional index pins on friction-disk nuts of the screw cutting lathes. G. A. Buzdalin. Sbor. rats. predl. vnedr. v proizv. no. 2:70-71 '61

SCREW-CUTTING MACHINES—TECHNOLOGICAL INNOVATIONS
Mechanical brakes for the 1616 screw-cutting lathe. D. B. Furman. Mod. metallorezh. stan. no. 16:24-25 '60.
Modernization of a screw-cutting lathe for semiautomatic operation. Mod. metallorezh. stan. no. 16 7-11 '60
Modernizing the manual displacement device for the carriage of the 1A62 screw-cutting lathe. Mod. metallorezh. stan. no. 16:26 '60
Plans for the modernization of machine tools. Mod. metallorezh. stan. no. 16:35-36 '60.

SCREW THREADS
Shinkevich, N. I., D. IU. Maiants, and I. V. Manistenko. [Collection of problems concerning threaded, welded, and riveted joints] Sbornik zadach po rez'bovym soedineniiam. Obshchaia red. N. I. Shinkevicha. Minsk, Redaktsionno-izdatel'skii otdel BPI im. I. V. Stalina, 1961. 93 p.
Some debatable problems in the modern theory of simple threaded joints. V. K. Danilov. Trudy LKI no. 1: 155-159 '59

SCREWDRIVERS
Bol'berg, A. I. [Tools for assembly work (wrenches): survey] Instrumenty dlia slesarno-sborochnykh rabot (gaikoverty); obzor. Leningrad, 1961. 70 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Seriia: Mekhanicheskaia obrabotka metallov)
Device for screwing nuts on conveyer collars of a conveyer furnace. V. P. Popov. Sbor. rats. predl. vnedr. v proizv. no. 1:32-33 '61.

SCRUBBER (CHEMICAL TECHNOLOGY)

Adjustment of the operation of wet-rod MP-VTI fly-ash collectors K N Gorskii Prom. stroi 32 no 4 87-90 Ap '61

Zhivotovskii, A. G. [Scrubber apparatus with S-bend spray throwers and the effectiveness of its use in certain industries] Skrubbernaia kamera s S-obraznymi razbryzgivateliami i ratsional'nost' ee primeneniia v nekotorykh proizvodstvakh. L'vov, L'vovskii politekhn. in-t, 1959. 141 p.

SCULPTORS, UKRAINIAN see subdivision under Bulgaria

SCULPTURE

Akademiia nauk SSSR. Institut istorii iskusstv. [History of Russian art] Istoriia russkogo iskusstva. Pod obshchei red. I. E. Grabaria, V. S. Kemenova i V. N. Lazareva. Moskva. Vol. 6. 1961. 492 p.

SEA BIRDS

(see also subdivision under Bering Sea)

The "weep" of sea reptiles and birds M. G. Zaks. Priroda 50 no 8:101-106 Ag '61

SEA ICE

(see also subdivision under Antarctic regions; Arctic regions, Barents Sea, Caspian Sea, Russia, Northern; White Sea)

Disintegration of sea ice and its estimation V. V. Betin, Iu. V. Pivovarzhenskii. Trudy GOIN no. 55:107-207 '60

SEA WATER—ANALYSIS

Polarographic method for copper determination in sea water M. K. Tikhonov, V. K. Zhavoronkina. Trudy MGI 19 31-37 '60

Small magnetic mixer for chlorine concentration determination in sea water by titration. A. G. Ponsov, N. B. Andreev. Trudy GOIN no. 59 114-117 '61.

Using the spectrographic method to determine a series of trace elements in sea water. T. K. Zhavoronkina. Trudy MGI 19 38-41 '60

SEA WATER—COMPOSITION

(see also subdivision under Black Sea)

Organic matter in sea water. B. A. Skopintsev. Trudy MGI 19 3-20 '60.

SEA WATER—MICROBIOLOGY

Method of investigating bacterial contamination of sea water O. F. Stefanovs'kyi, T. V. Pravdins'ka, O. V. Zontovych. Mikrobiol. zhur. 23 no 2,42-44 '61.

SEA WATER, DISTILLATION OF

Prospects for the simultaneous preparation of fresh water and ice on ships. A. P. Dobrovol'skii. Trudy IKI no 29,161-163 '59

SEALING (TECHNOLOGY)

Some parameters of modern vacuum-sealing machines. N. N. Ryndich. Ryb. khoz. 37 no 6:59-63 '61.

SEALS (ANIMALS) see subdivision under Black Sea

SEASICKNESS

How to control seasickness. R. Kavaleiov. Voen. znan. 37 no 6 23 Ag '61

SECONDARY ELECTRON EMISSION

Nonelastic electron scattering and secondary electron emission of certain metals and semiconductors. I. M. Bronshtein, B. S. Fraiman. Fiz. tver. tela 3 no 6 1638-1649 Je '61.

Secondary emission from barium oxide. Iu. G. Anikiev, B. N. Popov. Fiz. tver. tela 3 no 6 1768-1777 Je '61.

SECRET POLICE

Socialist legality and close contacts with the Soviet people are the basic principles which guide the work of the investigators of the Ministry of State Security. N. F. Chistiakov. Sov. gos. i pravo no. 11,34-41 N '60.

SECTS

(see also subdivision under Lvov Province)

A traveling hypocrite. P. Karakash, T. Hrobeniuk. Voiov. ateist no. 1 20-22 Ja '61.

Why their meetings are secret. M. Haibuz. Voiov. ateist no 1 22-24 Ja '61.

SECTS — CONTROVERSIAL LITERATURE

Bolarskii, Fedor. [Prophets; a sketch] Proroki; ocherk. Alma-Ata, Kazakhskoe gos. izd-vo khudozh. lit-ry, 1960. 12 p.

SEDIMENTARY ROCKS see Rocks, Sedimentary

SEDIMENTATION ANALYSIS

Sedimentometric analysis of a nickel catalyst. A. A. Shmidt, K. V. Geishina. Masl.-zhir. prom. 27 no. 7: 20-23 Jl '61

SEDIMENTATION AND DEPOSITION see subdivision under Caspian Sea, Dnieper River; Pacific Ocean

SEDIMENTS (GEOLOGY) see subdivision under Arabian Sea, Balkhan Range; Kuntsevo (Poltava Province); Turkmenistan

SEDYKH, KONSTANTIN FEDOROVICH, 1908-

Voloshnikov, P. A. Konstantin Sedykh. Abakan, Khakasskoe knizhnoe izd-vo, 1959. 114 p. (MH)

SEED PRODUCTION

(see also subdivision under Ukraine)

Forest seed production in the Bronnitsy Working Circle. P. I. Dement'ev. Les. khoz. 14 no 7 71-76 Jl '61

Seed plots for grain on virgin land. T. D. Lysenko. Agrobiologiia no. 4:483-487 Jl-Ag '61.

Seed production industry needs scientifically grounded methods for the field testing of certified seeds [with summaries in English, German, and French] I. A. Korosteley. Vest. sel'khoz. nauki 6 no 7 122-129 Jl '61.

We have fulfilled our yearly seed production plan. G. I. Gorev. Les. khoz. 14 no 7 76-78 Jl '61

SEEDS

Effect of seed quality on seedling growth in the small-leaved linden tree. V. M. Liubchanka. Vestsi AN BSSR Ser. bital. nav. no 2 35-40 '61.

On a "bound book of seeds." K. Davydov. Vest. stat. no 7:89-90 '61

Significance of the disturbance of metabolic reactions in radiation injury of seeds. N. M. Beriozina, V. A. IAzykova. Radiobiologiia 1 no 1,135-138 '61

SEEDS—CLEANING

Methods of cleaning and grading pulse crop seeds. I. G. Voronov. Trudy VIM 27:3-131 '60

OSK-3,0 cleaning and grading machine. O. IAkimenko. Tekh. v sel'khoz. 21 no. 7 50-51 Jl '61

SEEDS—DISINFECTION

Apparatus for surface sterilization and seeding. R. K. Saliaev. Bot. zhur. 46 no. 5:670-672 My '61

New method of disinfecting winter wheat seeds. M. M. TSymbal. Visnyk sil'hosp. nauky 4 no 8 102-103 Ag '61

SEEDS—GRADING

Constant factors in the process of sizing seeds in cylindrical separators. S. A. Vasil'ev. Prakt. i sel'khoz-mash. 31 no 8 35-38 Ag '61

OSK-3,0 cleaning and grading machine. O. IAkimenko. Tekh. v sel'khoz. 21 no 7:50-51 Jl '61.

SEEDS—MORPHOLOGY

Temperature field of a corn grain under the action of water [with summary in English]. E. D. Kazakov, V. S. Listvin. Inzh.-fiz. zhur. 4 no. 6 132-141 Je '61.

SEEPAGE

Use of bentonite clays in the construction of seepage preventing facings in irrigation canals. M. P. Karavitskii, L. N. Shamrai. Gidr. i mel. 13 no 7 28-31 Jl '61

SEGOZERO LAKE REGION — GEOLOGY, STRATIGRAPHIC

Proterozoic geology of the shores of Lake Segozero (central Karelia). O. A. Riikonen. Trudy Kar. fil. AN SSSR no 26-3-15 '61

SEIGNETTOELECTRIC SUBSTANCES see Ferroelectric substances

SEISMIC PROSPECTING

(see also subdivision under Bol'shezemel'skaya Tundras, Dzhezkazgan District; Uzbekistan; Yenisey Valley)

Condenser vibration-measuring apparatus for testing piezoelectric emitters and receivers in seismic modeling. V. P. Telezhenko, Z. A. Zuev. Trudy SNIIGGIMS no 9 138-141 '60

Determination of the absorption constants of seismic waves. I. I. Gurvich, P. G. Gil'bershtein. Geofiz. razved. no. 4:3-14 '61.

Sediment thickness in the basin of the Arabian Sea. Iu. P. Neprochnov. Dokl. AN SSSR 139 no. 1:177-179 Jl '61.

Subscreen reflections of waves in seismic prospecting. I. I. Gurvich. Izv. vys. ucheb. zav., geol. i razv. 4 no. 1:100-116 Ja '61.

SEISMIC WAVES

Group velocities of Rayleigh waves for a composite continental oceanic path. B. N. Shechkov, O. N. Solov'eva. Izv. AN SSSR. Ser. geofiz. no. 8:1171-1173 Ag '61

Investigation of short-period seismic Rayleigh surface waves. V. M. Arkhangel'skaia. Izv. AN SSSR Ser. geofiz. no 8:1097-1113 Ag '61.

Observations on long-period waves of the Chile earthquake of 1960. E. F. Savarenskii, I. I. Popov, A. P. Lazareva. Izv. AN SSSR. Ser. geofiz. no 8:1132-1140 Ag '61.

Some characteristics of L_g and R_g type waves and regional characteristics of their distribution. E. A. Koridalin. Izv. AN SSSR. Ser. geofiz. no. 8:1114-1121 Ag '61.

Some results of studies on the attenuation of Rayleigh surface waves. V. M. Arkhangel'skaia, S. A. Fedorov. Izv. AN SSSR. Ser. geofiz. no. 8:1122-1131 Ag '61

SEISMOLOGY

Study of the tensions and fissures in focuses of earthquakes. V. V. Vvedenskaia. Biul. MOIP. Otd. geol. 36 no. 2 127-128 Mr-Ap '61

SELENGA RIVER —WATER — COMPOSITION

Hydrochemistry of the Selenga River. P. F. Bochkarev. Trudy Irk. un. 24 143-163 '58

SELENIUM

Some characteristics of the electric properties of tellurium films with selenium impurities. In' Shi-duan' [Ying Shih-tuan]. Fiz. tver. tela 3 no 6 1688-1690 Je '61

Variation of the mechanical characteristics of amorphous selenium under the action of gamma rays. S. V. Starodubtsev, I. A. Domorad, I. P. Khliznichenko. Dokl. AN SSSR 139 no 3 594-595 Jl '61

SELENIUM—ANALYSIS

Colorimetric determination of selenium and tellurium in sulfide ores. V. M. Taralon, T. T. Avak'ian. Zav. lab. 27 no. 8:967-970 '61

SELENIUM—ELECTRIC PROPERTIES

Inconstancy of the electrical parameters of samples of selenium with an addition of chlorine in dependence on storage time. V. N. Romankevich, V. G. Sidhakin. Izv. vys. ucheb. zav., fiz. no 1 130-133 '61

SELF-DETERMINATION, NATIONAL see subdivision under Transcaucasia

SELF-GOVERNMENT see Democracy

SELF-GOVERNMENT (IN EDUCATION) see subdivision under Germany, West

SELF-SERVICE STORES see subdivision under Sevastopol

SEMEN—PRESERVATION

Preserving ram's semen at -20°C [with summary in German] G. A. Pokatilova. Biul. nauch.-tekh. inform. VIZH no 2,33-38 '59

SEMENOVA-TIAN-SHANSKAIA, NEONILA ZENONOVA, 1903-1960

In memory of Neonila Zenonovna Semenova-Tian-Shanskaia. I. D. Shmatok and others. Bot. zhur. 46 no 5:745-746 My '61

SEMICARBAZONES

Tautomerism and geometrical isomerism of nitrogen-containing carbonyl compounds. Report No 4. Polarographic study of transformations of some semi- and thiosemicarbazones in water - alcohol solutions. Iu. P. Kitaev, G. K. Budnikov, A. E. Arbuzov. Izv. AN SSSR Otd. khim. nauk no 7 1222-1227 Jl '61

SEMICONDUCTORS

(see also subdivision under Czechoslovakia)

Characteristics of short-range order changes during the melting of certain semiconductors. T. A. Kontorova. Izv. AN SSSR Otd. tekh. nauk Met. i topl. no 3,157-158 My-Je '61

Concerning the theory of field emission and thermionic field emission of metals and semiconductors. M. I. Elinson and others. Radiotekh. i elektron. 6 no. 8, 1342-1353 Ag '61

Connection between the properties of certain semiconducting chemical compounds in solid and liquid states. V. M. Glazov, S. N. Chizhevskaia. Izv. AN SSSR Otd. tekh. nauk Met. i topl. no. 3:154-157 My-Je '61

Current carriers in p-n junctions. Z. S. Gribnikov. Fiz. tver. tela 3 no. 6 1668-1682 Je '61.

Electric conductivity of n-semiconductors in the chemisorption of molecules, atoms, and radicals [with summary in English]. I. A. Miasnikov. Zhur. fiz. khim. 34 no. 2:395-404 F '60.

Increase the publications of books on semiconductors. I. Palekhov. Radio no. 5:63 My '61

Methods for producing electron-hole junctions in semiconductors. V. A. Presnov, S. S. Khludkov. Izv. vys. ucheb. zav., fiz. no. 1 41-45 '61

Nonelastic electron scattering and secondary electron emission of certain metals and semiconductors. I. M. Bronshtein, B. S. Fraiman. Fiz. tver. tela 3 no 6 1638-1649 Je '61.

Oscillations of the refraction index in a strong magnetic field in semiconductors in the region of the main absorption edge. L. I. Korovin. Fiz. tver. tela 3 no 6 1790-1794 Je '61.

Using indirect transitions in semiconductors for determining states with negative absorption coefficients [with summary in English]. N. G. Basov, O. N. Krokhin, IU. M. Popov. Zhur. eksp. i teor. fiz. 40 no. 4:1203-1209 Ap '61.

SEMICONDUCTORS—CONGRESSES

Soveshchanie po teorii poluprovodnikov, 5th, 1960. [Summaries of reports to the Conference on the Theory of Semiconductors] Tezisy dokladov. Tbilisi, 1960. 84 p.

[MICROFILM]

SEMICONDUCTORS— THERMAL PROPERTIES

Thermal radiation stimulated by hot carriers in semiconductors. Sh. M Kogan. Radiotekh i elektron 6 no 8 1351-1357 Ag '61

SEMILUKI—KILNS

Building a new tunnel kiln at the Semiluki Refractories Plant. N V Konetskii, Z.F. Kharitonova. Ogneupory 26 no.6 249-252 '61

SEMIRECH'YE—REVOLUTION, 1917-1921

"Victory of the Soviet regime in Semirech'ye" by S N Pokrovskii. Reviewed by G Abishev. Vop ist no 8 138-141 Ag '61

SENSE ORGANS—AMPHIBIA

Some data on early development of seismosensory lines of the head in Hynobiidae. I M Medvedeva. Dokl AN SSSR 139 no 3 748-751 Jl '61

SENSE ORGANS—INSECTS

Physiological properties of chemoreceptors of the tick Ixodes persulcatus. P.Sch. during the action of repellents. Iu.A.Elizarov. Vest Mosk.un.Ser.6 Biol., pochv. 16 no 4 45-50 Jl-Ag '61

SENSES AND SENSATION

Role of retroactive connections in the action of analysers. G G. Demirchoglian. Biofizika 6 no 4 499-502 '61

SENTO see Central Treaty Organization

SEPARATORS(MACHINES)

Carrying away of particles in settling-tank centrifuges and separators. G. A. Saburdo. Izv. vys. ucheb. zav., pishch. tekh. no 2,99-107 '60

Separation of finely dispersed powder fractions in a battery of cyclones. R S. Fraiman, V G. Syrkin, V L Volkov. Khim prom no 7 491-498 Jl '61

Separator for coal. V Svetlov. Tekh. mol. 29 no. 6:8 '61

Using hydrocyclones for extracting fats and separating bones in the production of edible fats. A Lapshin, R Shestov. Miasn. ind. SSSR 32 no 2 48-50 '61

SEPTICEMIA—CONGRESSES

Septicemia and diagnostic significance of hemocultures. M F Holub. Mikrobiol. zhur 23 no 2 80-82 '61

SERBIA—INSURRECTION, 1804-1813

The Serbian "People's Soviet" in the initial period of the Serbian revolt from 1804 to 1813 [with summary in English] G D Desnitsa. Vest LGU 16 no 11 32-42 '61

SERDOBSK DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION

[Pages of life; from the history of the Serdobsk organization of the CPSU] Stranitsy zhizni, iz istorii Serdobskoi organizatsii KPSS. [Penza] Penzenskoe knizhnoe izd-vo, 1961. 154 p.

SERICULTURE see subdivision under Fergana

SERIES

"Plasma" expansions. A E Glauberman, L. A. Porfir'eva. Izv. vys. ucheb. zav., fiz. no 1 147-149 '61

SERIES, DIRICHLET'S

Distribution of zeros in the quotients of sums of Dirichlet series. A I Popov. Izv. vys. ucheb. zav., mat. no 4 93-98 '61

SERINE

Serine synthesis from hydroxypyruvic acid in plants. V. L. Kretovich. Dokl. AN SSSR 139 no 2,488-490 Jl '61

SEROV, VALENTIN ALEKSANDROVICH, 1865-1911

Valentin Aleksandrovich Serov. I Malygina. IUn nat no 7 28 Jl '61.

Valentin Serov. Georgii Gluzman. Semlia i shkola 16 no 5,17 My '61.

SEROV, VLADIMIR ALEKSANDROVICH, 1910-

Serov, V. A. [Selected works] Izbrannye proizvedeniia. [Moskva, Sovetskii khudozhnik, 1958.] 15 plates. (MH)

SERPUKHOV—AUTOMOBILE INDUSTRY

A stream begins with a drop. T. Ilatovskaia. Smena 38 no 13:6-7 Jl '61

SERPUKHOV—FINANCE

In the atmosphere of greater labor achievements. O Zhdanko. Fin. SSSR 22 no 7:60-64 Jl '61

SERPUKHOV—HOUSING

A large and close-knit family. E. Vishnevskii. Sov. deput. trud. no. 8:33-37 Ag '61.

SERPUKHOV—SALES TAX

Closer to the enterprise. F. Utieganov. Fin. SSSR 22 no. 3:86-88 Mr '61.

SERPUKHOV DISTRICT—SCHOOL MUSIC—INSTRUCTION AND STUDY

All children sing here. I. I. Poterin. Nach. shkola 20 no. 8:96 Ag '61.

SERRATIA MARCESCENS

Some characteristics of the cultivation of Bacterium prodigiosum under laboratory conditions. T G Zimenko. Biul Inst biol AN BSSR no 5 338-341 '60

SERVICE INDUSTRIES

Important problem. L. Kaganov. Mest. prom. i khud. promys. 2 no. 6 30-33 Je '61

SERVICE STATIONS

(see also subdivision under Moscow)

Automobile service station. A Bulgach, A Baikov. Avt dor. 24 no 6 25-26 Je '61.

SERVOMECHANISMS

Concerning the stability of a servo system operating at low speeds. V A. Andriushchenko. Izv AN SSSR Otd tekh nauk Energ i avtom no 3,101-104 My-Je '61

Synthesis of servo systems with digital computers by a method which involves the use of logarithmic amplitude characteristics. V A Besekerskii, S. M Fedorov. Izv AN SSSR Otd tekh nauk Energ i avtom no 3 73-81 My-Je '61

SESAME—THERAPEUTIC USE

Therapeutic effect of the preparation, ulkozin in peptic ulcer and chronic gastritis [with summary in English] T Tashev and others. Vop pit 20 no 4 40-45 Jl-Ag '61

SEVAN LAKE REGION—APPLE

Investigating developmental characteristics of apple tree crowns in the Sevan Lake region [in Armenian with summary in Russian] A. A Simonian. Izv. Upr. sel'khoz nauki Arm SSR 4 no 4 19-23 '61

SEVASTOPOL—ADULT EDUCATION

To be a shining example for others. G. Tupitsina. Sov. profsoiuzy 17 no 15:25-26 Ag '61.

SEVASTOPOL—DESCRIPTION

Our own Sevastopol. G Ternovskii. Starsh.-serzh. no 1 21 Ap '61

SEVASTOPOL—EFFICIENCY, INDUSTRIAL

Some features of the new. I. Chebedev. Blok. agit. [Sov. Armii] no 18,37-38 Je '61.

SEVASTOPOL—SELF-SERVICE STORES

Some features of the new. I Chebedev. Blok. agit. [Sov. Armii] no 18-37-38 Je '61

SEVERIANKA (SUBMARINE BOAT)

Research submarine "Severianka." V.G Azhazha. Biul Okean kom no 6 66-67 '60

SEVERNYY AK-TAU—PALEONTOLOGY, STRATIGRAPHIC

Geological cross section of the Dzungarian Ak-Tau and its paleozoological foundation. V.S Bazhanov, N.N. Kostenko. Mat.po ist.fauny i flory Kazakh. 3,47-52 '61.

SEWAGE—PURIFICATION

Chromium extraction from the waste of leather factories. I A Abramovich. Izv. vys. ucheb. zav.; tekh. leg. prom. no 3:36-41 '61.

Investigating the thermophilic fermentation of sewage sludge in methane tanks. D M Zezulin. Sbor. nauch. rab. asp. AKKH no. 1;21-43 '59.

Purification of waste waters in a combined aeration and settling tank. K G. Arutiunian. Sbor. nauch. rab. asp. AkkH no 1;5-20 '59.

Some notes on the calculation of aeration tanks. B. O. Botuk. Ved. i san. tekh no 2 26-31 F '61

Use of ion exchange diaphragms for the purification of waste waters from plants manufacturing fluorine compounds. A. S Shubin, L. M Smirnova. Zhur. VKHO 6 no 4 474-475 '61.

SEWAGE—PURIFICATION—BIOLOGICAL TREATMENT

Biochemical oxygen requirement rates for domestic sewage in the calculation of purification works. B. O. Botuk. Ved. i san. tekh no. 7 18-19 Jl '61

SEWAGE DISPOSAL

(see also subdivision under Donets Basin)

Building storage ponds for reusable sewage. G. F. Kostiuk. Sakh. prom. 35 no 7 44-45 Jl '61

Mixing of waste waters in rivers. V. M. Shestakov. Ved. i san. tekh. no. 7,15-18 Jl '61

Use of coal suction devices for sewage removal in the sugar industry. F. V. Verevichev. Sakh. prom. 35 no 7 43 Jl '61.

SEWER PIPE

Improving the quality of anticorrosive coatings for cast-iron pipes and fittings. V. M Pishchev. Ved. i san. tekh. no. 3,17-20 Mr '61

SEWERAGE

(see also subdivision under Kalinin, Kiev; Moscow; Novo-Rudyanka, Paris)

Choice of the criterion for hydraulic calculations of a sewerage system. L. Kh. Maksimov. Ved. i san. tekh. no 7-8-12 Jl '61.

Fedorov, N. F. [Sewerage systems and structures; planning and design] Kanalizatsionnye seti i sooruzheniia, proektirovanie i raschet. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 314 p.

Fedorov, N. F., and L. E. Volkov. [Hydraulic calculations relating to sewerage systems] Gidravlicheskii raschet kanalizatsionnykh setei, raschetnye tablitsy. Izd 2., ispr. i dop. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1960. 241 p.

"Technical instructions for constructing and accepting surface water-supply and sewerage systems." Biul. stroit. tekh. 18 no 6 5-6 Je '61.

SEWERAGE, RURAL

Small sewer system for rural settlements. V.I Seskii. Sel'. stroi. 16 no. 6 insert:5-8 Je '61

SEWERS, CONCRETE

Hydraulic study of precast round chutes for sewage settling tanks and sand traps. V. I. Kalitsyn, E. A. Pugachev. Izv. vys. ucheb. zav. stroi. i arkhit. 4 no. 2:79-86 '61.

SEWING

Classification of the processing of the edges in sewn articles. I. V. Orlov. Izv. vys. ucheb. zav., tekh. leg. prom. no. 3:116-120 '61

SEX

Determination of human sex by bloodstains. A. Kosakowski, R Gzbien. Sov. kriminal. i sudeb. med. no 1, 116-124 '59.

SEX (BIOLOGY)

Changes in the sex ratio of the soft scale Pulvinaria bituberculatum (Targ.) due to the effect of ecological factors. N V Vashchinskaia. Izv. AN Arm. SSR Biol. nauki 14 no 5,81-81 My '61

Seasonal variations in the occurrence of male and female individuals of the lake frog (Rana ridibunda Pall.). V K Markaze. Nauch. dokl. vys. shkoly, biol. nauki no 3 48-50 '61.

SEX HORMONES see Hormones, Sex

SHABALINSKIY DISTRICT—COLLECTIVE FARMS—FINANCE

Planning and utilizing working capital on collective farms. IA. Kagner. Plan. khoz. 38 no. 8 35-44 Ag '61.

SHAFT SINKING

(see also subdivision under Donets Basin, Germany, West)

Tiurkian, R. S., and others. [Information for workers on vertical shafts, shaft bottoms, and chambers] Pasportizatsiia prokhodchika vertikal'nykh stvolov, okolostvol'nykh dvorov i kamer. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 71 p. (Tekhnika bezopasnosti)

SHAFTING

Kogan-Vol'man, G. I. [Transmissions with flexible wire shafts; manual] Peredachi s gibkimi provolochnymi valami; spravochnik. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 229 p.

SHAFTING—VIBRATION

Approximate analysis of torsional vibrations of the shaft of an experimental unit during the slipping. A I Dragov. Izv. vys. ucheb. zav., mashinostr. no 6 92-98 '61

SHAKHUN'YA—LIBRARIES, WORKINGMEN'S

With railroad workers. P. Nekaev. Bibliotekar' no. 7 38-39 Jl '61.

SHAKIN, ANATOLII NIKITOVICH, 1901-

Sixtieth birthday of A N. Shakin, Director of the Central Scientific Research Institute of the Sugar Industry. Sakh prom 35 no. 7 33 Jl '61

SHALE

Using clay shale for manufacturing keramzit. S.S. Nikolaev and others. Stroi. mat. 7 no. 7,31-37 Jl '61

SHALI (CHECHEN-INGUSH A. S. S. R.)—SUGAR INDUSTRY

Construction of the Shali sugar refinery. I. A Denisenkii. Sakh prom 35 no. 7-54-56 Jl '61

SHALIMOV, NIKOLAI GEORGIEVICH

Master of grotesque masks. A. Riapin. Ogonek 37 no. 30;32 Jl '61.

SHAMOV, IVAN VASIL'EVICH, 1918-

Always in the ranks! Ivan Shamov. Bibliotekar' no 8 44-46 Ag '61.

SHAMSHADIN DISTRICT (ARMENIA)—PUBLIC HEALTH, RURAL

Organization of medical service for the rural population. A. O Markarian. Sov. zdrav. 20 no 6 41-44 '61

SHAPOSHNIKOV, BORIS MIKHAILOVICH, 1882-1945

Gorelik, IA. M. [Marshal of the Soviet Union Boris Mikhailovich Shaposhnikov; brief sketch of his life and work] Marshal Sovetskogo Soiuza Boris Mikhailovich Shaposhnikov; kratkii ocherk zhizni i deiatel'nosti. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 108 p.

SHARGOROD DISTRICT—STONE IMPLEMENTS

Stone implements found near the village of Derevyanka in Vinnitsa Province P A Nekrasov. Mat i issl po arkheol Pivn Prychor no 3 214-217 '60

SHATSKII, STANISLAV TEOFILOVICH, 1878-1934

S. T. Shatskii Nar obr no. 5-91-95 My '61

SHAUMIAN, STEPAN GEORGIEVICH, 1878-1918

Gasparian, Norair. [Stepan Shumian, prominent theorist and propagandist of Marxism. Stepan Shaumian, vydaiushchiisia teoretik i propagandist marksizma. Erevan, Izd-vo Erevanskogo univ.] 1960. 128 p. [In Armenian with summary in Russian.] (MH)

Shaumian, St. [Letters, 1906-1918] Pis'ma 1906-1918. Erevan, Gos. izd-vo Armenii, 1959. 298 p.

SHCHEDRIN, RODION KONSTANTINOVICH, 1932-

New and talented. L. Genina Sov. muz. 25 no. 7:23-28 Jl '61.

SHCHUCH'YE, LAKE—WATER—PURIFICATION

Defluorination of water by aluminum sulfate A I Derevianko, K V Masal'skaia Vod i san tekh no 3 6-8 Mr '61

SHEAR (MECHANICS)

Calculation of shear deformations in the design of certain hull structures V V. Kozliakov. Trudy LKI no 29 49-58 '59

SHEARS (MACHINE TOOLS)

Adjusting rolls and fixed rulers behind the disk shears V. I Rospasienko, V. V Miller Sbor rats predl vnedr v proizv no 1 17-18 '61

Increasing the cutting speed of disk shears. A. F. Markin, D. M Shulik Sbor rats predl. vnedr. v proizv. no. 1:16-17 '61

Malyshev, M. S. [Modernization of manual lever shears] Modernizatsiia ruchnykh rychazhnykh nozhnits. Leningrad, 1961. 7 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia Mekhanicheskaia obrabotka metallov, no. 8)

Methods of processing the results of determinations of the shear strength of soils. A. N. Margot'ev. Osn., fund. i mekh. grun. 3 no. 3:19-22 '61.

Roller shears for cutting sheet steel. M. M. Cherkashina. Mont i spets rab v stroi 23 no 6:29 Je '61.

SHEARS (MACHINE TOOLS)—ELECTRIC DRIVING

Changing the electric driving control system for shears. A D. Kukhlei, N. M. Serdiuk. Sbor rats predl. vnedr. v proizv no 1 18-19 '61

SHEBELINKA REGION—ANHYDRITE

Secondary sulfates in Carboniferous deposits of the Shebelinka and adjacent structures M. E Doluda, S. V. Litvin Dokl. AN SSSR 139 no. 3:706-708 Jl '61

SHEBELINKA REGION—DRILLING FLUIDS

Litrov, S. N., I. E. Gol'dshtein, and E. I. Glushchenko. [Natural drilling fluids for drilling gas wells under complex conditions] Estestvennye promyvochnye zhidkosti dlia bureniia gazovykh skvazhin v oslozhnennykh usloviiakh. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 41 p. (Obmen peredovym tekhnicheskim opytom)

SHEBELINKA REGION—GAS, NATURAL

Conference on the utilization of Shebelinka gas and construction of a chemical combine. N. A. Zeligman Ukr. khim. zhur. 27 no. 1:546-547 '61.

SHEEP

(see also subdivision under Armenia; Azerbaijan; Gorkiy Province; Liski District)

How antibiotics given to pregnant ewes affect the growth and development of lambs [in Armenian with summary in Russian] M. A. Oganesian. Izv Upr. sel'khoz. nauki Arm. SSR 4 no. 4 83-89 '61.

Young dual-purpose sheep are an important supplementary source meat production [with summary in German] V. A Chemm. Biul. nauch -tekh. inform. VIZH no. 2:84-89 '59

SHEEP—DISEASES AND PESTS see subdivision under Moscow Province

SHEEP—FEEDING AND FEEDS

Increasing the utilization of nitrogen from feed rations which include urea by adding cobalt. A. V. Modianov. Biul. nauch. -tekh. inform. VIZH no. 1:10-13 '58

Productive qualities of hybrid sheep of various parentage under regular and improved feeding conditions [with summary in German]. M V. Abdullaev. Biul. nauch. -tekh. inform. VIZH no. 2:39-47 '59

Sulfur in the feed rations of sheep helps to utilize effectively the nitrogen of urea [with summary in German]. A. V. Modianov. Biul. nauch. -tekh. inform. VIZH no. 2. 41-45 '58.

SHEEP—PHYSIOLOGY

Conditioned response in sheep to the thermal irritation of skin. M F. Volkobol, M. P. Sheberban'. Visnyk sil'hosp. nauky 4 no. 8:119-121 Ag '61.

SHEEP—WATERING

Using tank-trucks for supplying sheep with water on seasonal pastures. R Kaplan Tekh. v sel'khoz 21 no. 7 31-33 Jl '61

SHEEP BREEDING see subdivision under Koklerekskiy District

SHEEP BREEDS

Changes due to age in the live weight, constitutional features, and fattening characteristics of Kuybyshev and Cherkassy sheep [with summary in German] Report No. 1 P A Vorob'ev Biul nauch. -tekh inform. VIZH no 2:53-59 '59

Controlled development of fine-wool ram lambs of the Askanya breed. N. A. Karpova. Agrobiologiia no. 4:544-552 Jl-Ag '61.

Wool quality of hybrid sheep of the central non-Chernozem zone of the R S F S. R [with summary in German] V V Kalinin Biul nauch -tekh inform VIZH no. 2 60-69 '59

SHEEP HOUSES AND EQUIPMENT

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Norms and technical specifications for planning sheep farms SN 130-60] Normy i tekhnicheskie usloviia proektirovaniia ovtsevodcheskikh ferm SN 130-60. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 12 p.

SHEEPSHEARING

Supplying sheepshearing stations from single-phase networks. V. Frishman, V. Kaplenko. Tekh v sel'khoz 21 no 7:45-47 Jl '61

SHEET-METAL WORK

Navagin, Iu. S. [Using the energy from underwater blasting for sheet stamping (drawing)] Ispol'zovanie energii podvodnogo vzryva dlia listovoi shtampovki (vytiazhki), stenogramma lektsii, prochitannoi v LDNTP na zaniatiiakh seminara ob kholodnoi shtampovke. Leningrad, 1961. 28 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Serila: Gorlachaia i kholodnaia obrabotka metallov davleniem)

Replacing rolled sections used in agricultural machinery by sections shaped by bending sheets. I. S. Sinitagovskii, G S Timofimov. Dokl TSKhA no 55,87-91 '60.

Sokolov, N. L. [Modern processes of hot stamping on forging and stamping crank presses; survey of advanced practice in automobile industry] Progressivnye protsessy gorlachei shtampovki na krivoshipnykh kovochno-shtampovochnykh pressakh; obzor peredovogo opyta avtomobil'noi promyshlennosti. Pod red. P. V. Kamneva, Leningrad. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Serila: Kovka i gorlachaia shtampovka)

Pt. 1. 1961. 52 p.
Pt. 2. 1961. 55 p.

SHEET STEEL

Plastic deformations during the cold rolling of sheet steel. A. A. Bat', I. I. Gladshtein. Prom. stroi. 39 no. 7:18-22 '61.

SHEET STEEL—WELDING

Welding of 1Kh18N9T thin-sheet steel by means of a confined arc. D. A. Dudko, S P. Lakiza. Avtom. svar 14 no. 7:86-87 Jl '61.

SHEIN, ALEKSANDR FEDOROVICH, 1883-1961

A. F. Shein Les. khoz. 14 no 7:92 Jl '61.

SHELL ROOFS see Roofs, Shell

SHELVING (FOR BOOKS)

How do they arrange books? D. Zhak, V. Petrovskii. Bibliotekar' no. 8:55-57 Ag '61

SHEMETOVA, EVGENIIA GRIGOR'EVNA

Glorious path of a veteran of labor. K. M Sigalova Med sestra 20 no. 6:54 Je '61

SHEPETOVKA—SYNAGOGUES

The troubles of Cantor Kek; a satirical sketch. IU. Rabynovych Voiov. ateist no. 1:25-27 Ja '61.

SHEPHERD DOGS

Tatarskii, A. A. [Sheep dogs in sheep farming] Pastushi'i sobaki v ovtsevodstve. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 70 p.
(DA)

SHERRY

Methods of selecting sherry yeasts with regard to their alcohol tolerance. N. F. Saenko. Trudy Inst. mikrobiol. no. 10:96-102 '61.

SHEVCHENKO, TARAS, 1814-1861

Always in the people's memory Nauka i zhyttia 11 no 6:35 Je '61.

Analysis of the language of two poems by T. G. Shevchenko, L. P. Kulyns'ka. Ukr. mova v shkoli 11 no. 3:58-62 My-Je '61.

Butakov's sketchbook. M. Matsapura. Ukraina no. 15: 14-15 Ag '61.

The celebration of Taras Shevchenko's anniversary, P. V. Fedenko. Mat. i soob. issl. otd. Inst. po izuch. SSSR no. 25:24-39 My '61.

I IA Franko on the language of T H Shevchenko E. S Regushevs'kyi Ukr mova v shkoli 11 no 2 35-37 Mr-Ap '61

Kolomiichenko, M. I., and V. Z. Harin. [Worn out by cruel persecution] Zamuchenyi tiazhkoiu nevoleiu. Kyiv, 1961. 20 p (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. I., no 3)

The language of T H. Shevchenko's poetry analyzed by Ivan Franko I G Batsula Ukr mova v shkoli 11 no 2 28-35 Mr-Ap '61

The language of T. G. Shevchenko's works in grammar lessons I. I Sobolev. Ukr mova v shkoli 11 no 3:54-58 My-Je '61.

Stylistic and descriptive functions of definitions in the language of T G. Shevchenko's works V V Morenets' Ukr mova v shkoli 11 no 2 37-42 Mr-Ap '61.

T H Shevchenko's role in the development of the Ukrainian literary language V S Il'in Ukr mova v shkoli 11 no 3 6-14 Mr-Ap '61

SHEVCHENKO, TARAS, 1814-1861—BIBLIOGRAPHY see Bibliography—Shevchenko, Taras, 1814-1861

SHEVCHENKO, TARAS, 1814-1861—HOMES AND HAUNTS

Darda, V. I. [Places frequented by Taras; impressions and reflections] Zemlia, iaku skhodyv Taras; vrazhennia i rozdumy. Kyiv, Radianskyi pys'mennyk, 1961. 72 p.
(MH)

SHIELDING (ELECTRICITY)

Effect of the shielding envelope on the structure of the magnetic field S I Kurenev Izv vys. ucheb zav. elektromekh 4 no. 5 3-6 '61.

Selection of wave guide filters for shielding rooms. IU. M. Abramson. Radiotekhnika 16 no 7:75-76 Jl '61.

SHIELDING (RADIATION)

Analysis of elements of protective walls in buildings for nuclear plants E G. Khlabynin Sbor trud MISI no 36 56-100 '61

Designing protective shells for nuclear reactors. S. T Shershnov Sbor trud MISI no 36:101-119 '61.

SHIGELLA

Comparative indications of antibiotic resistance of dysenterial bacteria isolated in Ryazan during 1955-1956 and 1958-1959 [with summary in English]. A. A. Khokhlova. Antibiotiki 6 no. 5:434-437 My '61.

Identification of atypical dysentery microbes. G. G. Mirzoev. Lab. delo 7 no. 6 32-35 Je '61.

SHIGELLA ALKALESCENS see subdivision under Kharkov

SHIGELLA SONNEI

Mannite-negative variants of Shigella Sonnei. K. V. Ashchenko. Mikrobiol. zhur. 23 no 2,49-52 '61

SHIP MODELS—TESTING

Model submarine under water. V. Akushkin. Voen. znan 37 no 8,26 Ag '61

SHIP RESISTANCE

Evaluation of the effect of current and inclination of the path on the performance of a unit consisting of engines, propellers, and hull of the vessel V I Nebesnov Izv. AN SSSR Otd. tekh. nauk. Energ i avtom no. 3:178-184 My-Je '61.

SHIPBUILDING

State of shipbuilding in capitalist countries S P. Loginov Trudy LKI no. 29 5-11 '59

SHIPBUILDING—COSTS

Investigating the dependence of the indices of yield, cost and investments in assembling ship hulls, to the number of sections and the annual program. E. I. Nikitin Trudy LKI no 29 73-81 '59

SHIPBUILDING—TECHNOLOGICAL INNOVATIONS see subdivision under Leningrad

SHIPMENT OF GOODS

Electronic calculating machines "plan" the shipment of goods. F. Azizov. Sov torg. 34 no. 6:34-36 Je '61

SHIPPING—ACCOUNTING

Smirnov, B. M. [Economic analysis in the design of seagoing vessels] Ekonomicheskii analiz pri proektirovanii morskikh sudov. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 375 p.

SHIPPING BOUNTIES AND SUBSIDIES

Capitalist shipbuilding and navigation subsidized by governments. N. Zanozin. Mir. ekon. i mezhdunar. otn. no. 7:107-109 Jl '61.

SHIPS

Research ships of the Polar Scientific Research Institute of Marine Fisheries and Oceanography. A. P Alekseev Biul Okean. kom no. 6 62-65 '60.

SHIPUNOVO DISTRICT—COLLECTIVE FARMS
Work experience of permanent brigades F M Grinko, M K. Tikhonov Dokl i soob VNIESKH no 4 110-115 '58

SHIPWORMS see subdivision under Black Sea

SHKETAN, M., pseud.
Bassargin, B. A. [M. Shketan, the author's life and works] M. Shketan, o zhizni i tvorchestve pisatelia. Ioshkar-Ola, Marliskoe knizhnoe izd-vo, 1960. 118 p. (MH)

SHKLOVSKII, VIKTOR BORISOVICH, 1893-
Once upon a time (to be continued) Viktor Shklovskii Znamia 31 no 8 159-199 Ag '61

SHOCK WAVES
An shock wave in the detonation of a cylindrical charge of great length M. A TSikulin. PMTF no 3:180-193 S-O '60
Application of shock tubes for the study of chemical reactions. A. A. Borisov, S. M. Kogarko, A V Liublimov PMTF no 3:173-183 S-O '60
Calculating the parameters of the detonation wave for condensed explosives. A. IA Apin, I M Voskoboinikov PMTF no. 1:54-55 N-D '60
Disintegration of nonevolutional shock waves [with summary in English]. R V Polovin, K. P Cherkasova Zhur eksp i teor fiz 41 no 1 263-266 Jl '61
Equation of state of the products of hexogen detonation [with summary in English] N M Kuznetsov Zhur fiz khim 35 no 7 1430-1434 Jl '61
Experimental study of the interaction of a shock wave in water with the rigid bottom of a water tank B. D Khristoforov. PMTF no. 1:56-59 N-D '60
Irregular reflection of shock waves from a curvilinear wall [with summary in English] T G Koldobskaia, I A. Sychev. Vest LGU no 13 111-120 '61
Kinetic theory of shock waves [with summary in English]. G. IA. Liubarskii. Zhur eksp. i teor fiz. 40 no. 4,1050-1057 Ap '61
Length of action of an air shock wave in a tube. M. A. TSikulin PMTF no 4:60-62 N-D '60
Method for determining the shock adiabatic curves of disperse substances. A. N. Dremin, I. A. Karpukhin PMTF no 3:184-188 S-O '60
Nonequilibrium dissociation of a gaseous mixture behind a shock wave IU P Lun'kin, F D Popov Zhur. tekh fiz 31 no 6 726-730 Je '61.
Perturbation of an electromagnetic field by shock waves in the case of a discontinuity in conductivity V P Karlikov, V P Korobeinikov Prikl mat i mekh 25 no 3 554-556 My-Je '61
Proof of the impossibility of strong deflagrations followed by weak detonations K I Shchelkin. Dokl AN SSSR 139 no 2,420-123 Jl '61
Reflection and refraction of shock waves in magnetohydrodynamics. S E Grebenshchikov and others. Zhur. tekh. fiz. 31 no. 5 529-536 My '61.
Refraction of detonation waves incident on the boundary line between two gaseous mixtures. L G Gvozdeva Zhur tekh fiz 31 no 6 731-739 Je '61
Study of nonequilibrium phenomena in shock waves. S. A. Losev, A. I Osipov Usp fiz nauk 74 no 3:393-434 Jl '61
Theory of the mechanism of current pauses and shock waves arising in the heating of a metal by high-density electric current pulses. N A Prokopopov, V M. Kul'gavchuk Zhur tekh fiz. 31 no 5 557-564 My '61.
X-ray diffraction study of the compressibility of light substances in oblique collisions of shock waves L. V. Al'tshuler, A. P Petrunin Zhur tekh fiz 31 no. 6 717-725 Je '61

SHOE INDUSTRY see subdivision under Estonia

SHOE INDUSTRY—LABOR PRODUCTIVITY
Some potentials of an increase in labor productivity on conveyerized production lines in shoe factories. A G Merzon, IA. F Cherednichenko Izv vys ucheb. zav., tekh leg. prom. no 3:14-19 '61.

SHOE INDUSTRY—QUALITY CONTROL see subdivision under Moscow

SHOE INDUSTRY—TECHNOLOGICAL INNOVATIONS see subdivision under Erivan

SHOE MANUFACTURE
Classification of the joint constructions for sole parts. IU. P. Zybin, G P Bulatov. Izv vys. ucheb zav. ,tekh leg. prom. no 3:101-108 '61.
Effect of the length and radius of the tapering line curve of the edges of shoe upper parts on the expenditure of machine time. V. M. Kliuchnikova, A. M. Bespalov, Izv. vys. ucheb. zav. , tekh. leg prom. no. 3:90-100 '61
Using the stamping method for clicking shoe materials. Report No. 1; Studying the deformation of the material and developing the technological parameters for stamping. A. A. Afanas'ev, V I. Tolochko. Izv. vys. ucheb. zav. ; tekh leg. prom no. 3:110-115 '61.

SHOKAL'SKAIA, ZINAIDA IUL'EVNA, d. 1961
Zinaida IUl'evna Shokal'skaia; obituary. N L. Blagovidov and others Izv. Vses geog. ob-va 93 no. 4:347-348 Jl-Ag '61.

SHOMBOZERO LAKE REGION— GEOLOGY, STRATIGRAPHIC
Proterozoic stratigraphy of the Lake Shombozero region (northern Karelia) V. I Robonen. Trudy Kar fil AN SSSR no 26 16-28 '61.

SHOOTING
Riflemen of "Rostsel'mash" M. Nekrasov. Voen. znan 37 no 8 32 Ag '61
Step by step A. Bukanov. Voen. znan 37 no. 8,29 Ag '61

SHOOTING, MILITARY
Firing duel. M. Amirov. Voen. vest. no. 9 73-76 S '60.
Lovi, A. A., and others. [Regulations for small arms fire] Pravila strel'by iz strelkovogo oruzhiia. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 118 p
Methods for analyzing military shooting. A. Latash, G. Vorob'ev. Voen. vest. no. 9:59-61 S '60.
Training submarine gunners to meet category standards. V. Grutsenko. Voen. vest. 40 no. 4 99-102 Ap '61.
When the target is hidden by darkness. Strash. -serzh no 1 8-10 Ja '61
With the first shot. A Grechikhin. Starsh. -serzh no 2 14-15 F '61

SHOOTING CONTESTS
Sports activities Blok. agit [Sov Armii] no. 16:43 Je '61
Will to victory. I Esel'son. Voen. znan. 37 no. 8: 30-31 Ag '61

SHORSU—ARAGONITE
Radioscopic study of aragonites from the Shor-Su mine. V A. Gubanova, A V Poltavskii, N S Skiba Izv AN Kir. SSR Ser. est. i tekh nauk 3 no 1,107-108 '61.

SHORT STORIES, MONGOLIAN
"Young Mongolia." Reviewed by G. Vasin Kul't i zhizn' 5 no 7:48 '61

SHORTANDY DISTRICT—AGRICULTURE—STUDY AND TEACHING
Our masses study applied economics. S. Krasnostanov. Part. zhizn' Kazakh. 31 no. 7:41-44 Jl '61.

SHORTWAVE RADIO see Radio, Shortwave

SHOSTAKOVICH, DMITRII DMITRIEVICH, 1906-
Boganova, T. V. [Cello concerto by D. Shostakovich] Violonchel'nyi kontsert D. Shostakovicha; poiasnenie. Moskva, "Sovetskii kompozitor," 1960. 27 p.

SHOSTAKOVICH, DMITRII DMITRIEVICH, 1906-— BIBLIOGRAPHY see Bibliography—Shostakovich, Dmitrii Dmitrievich, 1906-

SHOW WINDOWS
Arranging show windows N Strogov. Sov. potreb. koop. 5 no 7 32-34 Jl '61.
Stores should have good show windows. I. Movshovich. Sov. torg 34 no. 7:60-64 Jl '61.

SHOWER BATHS
Experience in the utilization in the army of a mobile disinfection-shower installation (DDA-52). B. P. Fediaev. Voen. -med. zhur. no. 3 52-56 Mr '61.

SHRINES see subdivision under Jerusalem

SHRUBS
Forest plants on the school experimental plot. I. V. Kostinskaia. Biol. v shkole no. 4:54-55 Jl-Ag '61.
Griner, B. M. [Trees and shrubs suitable for outdoor growing in the European part of the U. S. S. R., manual for students] Derev'ia i kustarniki, prigodnye dlia vyrashchivaniia v otkrytom grunte Evropeiskoi chasti SSSR; spravochnik dlia studentov. Moskva, I-i Mosk. med. in-t.
No.1 1960. 127 p.

SHTEROVKA HYDROELECTRIC POWER STATION
Shterovka Hydroelectric Power Plant. Stroi. i arkhit. 9 no. 6:30 Je '61

SHULGAN VALLEY—CAVE DRAWINGS
Underground journey. B. M. Rzhevskii. Priroda 50 no. 8:69-78 Ag '61.

SHUTTERS, PHOTOGRAPHIC
What you should know about the repairing of the "Semna" shutter. M. IAkovlev. Sov. foto 21 no. 7:35 Jl '61

SIAZAN' REGION—SALINE AND ALKALI SOILS
Chemical and geographical characteristics of soils with a talus-type salinity in the Siazan'-Sumgait Massif. M. R. Abduev. Izv. AN Azerb. SSR. Ser. biol. i med. nauk 3 57-64 '61.

SIBERIA—AGRICULTURE
Soveshchanie peredovikov sel'skogo khoziaistva Sibiri, Novosibirsk, 1961. [Leading agricultural workers talk about their experience; materials of the Conference of Leading Agricultural Workers of Siberia, Novosibirsk, 1961] Peredoviki sel'skogo khoziaistva o svoem opyte; materialy. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 182 p.
(DA)

SIBERIA,—BELEMNITES
Recent data on the lower and middle Jurassic belemnite faunas of Siberia V N Saks. Dokl AN SSSR [illegible] no. 2,431-434 Jl '61

SIBERIA—BRONZE AGE
Tikhonov, B. G., and IU. S. Grishin. [Studies on the history of production in the Ural Mountain region and southern Siberia during the Bronze and early Iron Ages] Ocherki po istorii proizvodstva v Priural'e i Iuzhnoi Sibiri v epokhu bronzy i rannego zheleza. Moskva, Izd-vo Akad. nauk SSSR, 1960. 206 p. (Materialy i issledovaniia po arkheologii SSSR, no. 90.)

SIBERIA—DESCRIPTION AND TRAVEL
About black bears and hairy giants. B. Molea [illegible] i shkola 16 no 5:37 My '61

SIBERIA—ETHNOLOGY
Gurvich, I. S. [Ethnology and the problems of the reorganization of the economy, culture, and way of life of the peoples of the Soviet Far North] Etnograficheskii protsessy i ekonstruktsii khoziaistva, kul'tury i byta malykh narodov Krainego Severa. Moskva, 1960. 16 p.
(CLU)

SIBERIA—FIR
Impassable fir forest. G. V. Krylov. Les khoz. 14 no 7:81-82 Jl '61.

SIBERIA—FORAGE PLANTS
Carotene in Siberian forage plants and its importance in livestock raising. V. S. Fedorova. Trudy Biol. in-ta Sib. fil. AN SSSR no. 1,99-112 '56.

SIBERIA—GEOLOGY—BIBLIOGRAPHY
Literature on the geology of Siberia received by the State Public Library of Science and Technology of the Siberian Branch of the Academy of Sciences of the U. S. S. R. (except Irkutsk and Chita Provinces and the Buryat A. S. S. R.). Geol. i geofiz. no. 6 109-113 '61.

SIBERIA—GEOLOGY, STRUCTURAL
Second session of the Scientific Council on the geology of Siberia and the Far East. K. V. Bogolepov, O. A. Votakh. Geol. i geofiz. no. 6 106-108 '61.

SIBERIA—GOLD ORES
Mineral associations and coarseness of gold in certain gold ores of Siberia. A. F. Il'i. Zap. Vses. [illegible] Vses. min. ob-va no. 1:31-37 '59

SIBERIA—IRON AGE
Tikhonov, B. G., and IU. S. Grishin. [Studies on the history of production in the Ural Mountain region and southern Siberia during the Bronze and early Iron Ages] Ocherki po istorii proizvodstva v Priural'e i Iuzhnoi Sibiri v epokhu bronzy i rannego zheleza. Moskva, Izd-vo Akad. nauk SSSR, 1960. 206 p. (Materialy i issledovaniia po arkheologii SSSR, no. 90.)

SIBERIA—LAMELLIBRANCHIATA, FOSSIL
Inoceramus and their importance for the Jurassic stratigraphy of Siberia. Z. V. Koshelkina. Trudy VAGT no. 7:140-166 '61.

SIBERIA—LEARNED INSTITUTIONS AND SOCIETIES
The Siberian Branch of the Academy of Sciences of the U. S. S. R. R. Karcha. Mat. i soob. Lab. otd. i muzei Izuch. SSSR no. 25:40-53 My '61.

SIBERIA—MAN, PREHISTORIC
Alekseev, V. P. [Settlement of southern Siberia in the light of paleoanthropological data] Zaselenie territorii IUzhnoi Sibiri cheloveком v svete dannykh paleoantropologii. Moskva, 1960. 11 p.
(CLU)

SIBERIA—NEWSPAPERS
The newspaper "Pravda" and Siberian Bolshevik organizations during 1917 [with summary in English] V. S. Ovstankin, S. A. Sidorenko Vest. LGU [illegible] no. 3:149-163 '61

SIBERIA—REVOLUTION, 1917-1921
Some inaccurate data in the fourth volume of the "History of the civil war in the U. S. S. R." V. T. Akulov [illegible] SSSR 5 no. 4:235 Jl-Ag '61.

SIBERIA—RUSSIAN SOCIAL DEMOCRATIC PARTY
The newspaper "Pravda" and Siberian Bolshevik organizations during 1917 [with summary in English] V. S. Ovstankin, S. A. Sidorenko. Vest. LGU 18 no. 3:149-163 '61

SIBERIA, EASTERN—AMPHIBOLES
Thermal and optical study of some amphiboles of Eastern Siberia. A. F. Korzhinskii. Trudy Vost. [illegible] SSSR no. 18:245-275 '61.

SIBERIA, EASTERN—CHLORITES
Thermooptical studies of some chlorites in Eastern Siberia. A. F. Korzhinskii. Zap. Vost. Sib. otd. Vses. min. ob-va no. 1:50-64 '59.

SIBERIA, EASTERN—FLOODS

Floods at the end of summer. N. T. Kuznetsov. Priroda 50 no 8,125-126 Ag '61.

SIBERIA, EASTERN—GEOGRAPHY—TERMINOLOGY

Local geographical terms of Eastern Siberia M. N. Mel'kheev Trudy Irk un 24 67-97 '58

SIBERIA, EASTERN—GEOLOGY, STRUCTURAL

Krasnyi, L. I. [Basic tectonic problems of Khabarovsk Territory and Amur Province] Osnovnye voprosy tektoniki Khabarovskogo kraia i Amurskoi oblasti. Leningrad, 1960. 31 p. (Leningrad. Vsesoiuznyi geologicheskii institut. Materialy, no. 37)

SIBERIA, EASTERN—INLAND WATER TRANSPORTATION

Inland water transportation in the eastern regions of the Soviet Union. V. G. Kraskeinnikov Izv Vses geog. ob-va 93 no. 4,312-319 Jl-Ag '61

SIBERIA, EASTERN—RAILROADS—CONSTRUCTION

Man goes further. Tamara Ustovskaia. Smena 38 no. 14;11-13 Jl '61.

SIBERIA, WESTERN—AMUR CORK TREE

Growing Amur cork trees in Western Siberia. Iu. P. Khlonov. Trudy Bot. sada Zap. -Sib fil. AN SSSR no. 1: 39-46 '56.

SIBERIA, WESTERN—BIRDS

Distribution of some birds in southwestern Siberia. K. T. Iurlov. Ornitologiia no. 2:176-179 '59.

SIBERIA, WESTERN—BIRDS OF PREY

Distribution of hunting predatory birds in different biotopes of the West Siberian forest steppe. L. A. Gibet. Ornitologiia no. 2:163-175 '59.

SIBERIA, WESTERN—BOTANY

Problems pertaining to the utilization of vegetative resources in Western Siberia. K. A. Sobolevskaia. Trudy Bot. sada Zap. -Sib. fil. AN SSSR no. 1:5-9 '56.

SIBERIA, WESTERN—CHERRY

Theoretical principles of selecting parent plants for developing new cherry varieties in Western Siberia. M. N. Salamatov. Trudy Bot. sada Zap. -Sib. fil. AN SSSR no. 1:65-70 '56.

SIBERIA, WESTERN—DAHLIAS—VARIETIES

Results obtained from investigating dahlia varieties in the Botanical Garden of the Western Siberian Branch of the Academy of Sciences of the U. S. S. R. E. L. Kuz'mina-Medova. Trudy Bot. sada Zap. -Sib. fil. AN SSSR no. 1: 19-21 '56.

SIBERIA, WESTERN—ERYSIMUM

Dynamics of the yield of vegetative raw materials and the accumulation of cardiac glycosides in Erysimum Marschallianum Andrz. under conditions prevailing in the Botanical Garden of the Western Siberian Branch of the Academy of Sciences of the U. S. S. R. V. G. Minaeva, M. N. Smirnov. Trudy Bot. sada Zap. -Sib. fil. AN SSSR no. 1:73-74 '56.

SIBERIA, WESTERN—FISHES

Vserossiiskoe obshchestvo sodeistviia okhrane prirody i ozeleneniiu naselennykh punktov. Novosibirskoe oblastnoe otdelenie. [New fishes of Western Siberia] Novye ryby Zapadnoi Sibiri. Novosibirsk. [1960] 50 p.

SIBERIA, WESTERN—FLOWERS

Investigating flowers and other ornamental plants in the Botanical Garden of the Western Siberian Branch of the Academy of Sciences of the U. S. S. R. L. P. Zubkus. Trudy Bot. sada Zap. -Sib. fil. AN SSSR no. 1:11-18 '56.

SIBERIA, WESTERN—GEOLOGY, STRUCTURAL

Structure of the basement of the Agra region of the West Siberian Platform. IA. G. Kats, B. N. Krasil'nikov. Izv. vys. ucheb. zav.; geol. i raz. 4 no. 6 28-31 Je '60

SIBERIA, WESTERN—GOOSEBERRIES

Choice gooseberry seedlings raised in the Botanical Garden of the Western Siberian Branch of the Academy of Sciences of the U. S. S. R. V. N. Vasil'eva. Trudy Bot. sada Zap. -Sib. fil. AN SSSR no. 1:61-63 '56.

SIBERIA, WESTERN—MUSIC

Plenum in Siberia. M. Dmitrieva. Sov. muz. 25 no. 7. 109-110 Jl '61.

SIBERIA, WESTERN—PALEONTOLOGY, STRATIGRAPHIC

More on Pliocene deposits in the southern part of Western Siberia V. V. Bogachev. Mat. po. ist. fauny i flory Kazakh. 3:62-67 '61.

SIBERIA, WESTERN—PASTURES AND MEADOWS

Karpenko, A. F., and N. V. Dobrinkov. [Planning green fodder production; handbook on the methods of practical work for the course "Production organization is socialist agricultural enterprises" given by the Department of Animal Husbandry] Planirovanie zelenogo konveiera; uchebno-metodicheskoe posobie dlia provedeniia prakticheskikh zaniatii po kursu "Organizatsiia proizvodstva v sotsialisticheskikh sel'skokhoziaistvennykh predpriiatiiakh" na zootekhnicheskom fakul'tete. Novosibirsk, Novosibirskii sel'khoz. in-t, 1961. 5 p. (DA)

SIBERIA, WESTERN—PINE

Nekrasova, T. P. [Fruiting of pine in Western Siberia] Plodonoshenie sosny v Zapadnoi Sibiri. Novosibirsk, Izd-vo Sibirskogo otd-niia Akad. nauk SSSR, 1960 130 p.

SIBERIA, WESTERN—PLANTS, ORNAMENTAL

Investigating flowers and other ornamental plants in the Botanical Garden of the Western Siberian Branch of the Academy of Sciences of the U. S. S. R L. P. Zubkus. Trudy Bot. sada Zap. -Sib. fil. AN SSSR no. 1:11-18 '56.

SIBERIA, WESTERN—POWER RESOURCES

Starodubtsev, N. L. [Power and fuel balance of Western Siberia] Toplivno-energeticheskii balans Zapadnoi Sibiri. Novosibirsk, Izd-vo Sibirskogo otdeleniia AN SSSR, 1960. 52 p.

SIBERIA, WESTERN—RUSSIAN LANGUAGE— STUDY AND TEACHING

Fifth Siberian zonal methodological conference of teachers and research workers at Russian language departments of institutions of higher learning in Western Siberia. O. M. Merzliakova Rus. iaz v shkole 22 no 3 119-120 My-Je '61

SIBERIAN PLATFORM

Origin of the relief and the geomorphological zonation of the Central Siberian Upland B. N. Leonov. Trudy VAGT no. 7.167-182 '61.

SIBERIAN PLATFORM—DIABASE

Diabase-granophyre complex of rocks from the Aban hole (southwestern part of the Siberian Platform) I. V. Belov Trudy Vost. -Sib. fil. AN SSSR no 16 109-129 '61

SIBERIAN PLATFORM—GEOLOGY

Leningrad. Vsesoiuznyi geologicheskii institut. [Materials on the geology and minerals of the Siberian Platform] Materialy po geologii i poleznym iskopaemym Sibirskoi platformy. Leningrad, Otdel nauchno-tekhn. informatsii, 1960. 142 p. (Materialy, no. 44)

SIBERIAN PLATFORM—GRANOPHYRES

Diabase-granophyre complex of rocks from the Aban hole (southwestern part of the Siberian Platform). I. V. Belov Trudy Vost -Sib. fil. AN SSSR no. 16.109-129 '61.

SIBERIAN PLATFORM—ICELAND SPAR

Genesis of Iceland spar deposits in the Siberian Platform. A. V. Skropyshev. Mat. VSEGEI. Ob. ser no 29 101-127 '60

SIBERIAN PLATFORM—MINERALS

Leningrad. Vsesoiuznyi geologicheskii institut. [Materials on the geology and minerals of the Siberian Platform] Materialy po geologii i poleznym iskopaemym Sibirskoi platformy. Leningrad, Otdel nauchno-tekhn. informatsii, 1960. 142 p. (Materialy, no. 44)

SIBERIAN PLATFORM—POLYZOA, FOSSIL

Nekhoroshev, V. P. [Ordovician and Silurian Polyzoa of the Siberian Platform; order Cryptostomata] Ordovikskie i Siluriiskie mshanki Sibirskoi platformy, otriad Cryptostomata. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geologii i okhrane nedr., 1961. 245 p. (Leningrad. Vsesoiuznyi geologicheskii institut. Trudy, vol. 41)

SIBERIAN PLATFORM—ROCKS, IGNEOUS

Trappean volcanism in the western Siberian Platform [with summary in English]. B. V. Olenikov, V. N. Sharapov. Geol. i geofiz. no. 6:51-60 '61.

SIBERIAN PLATFORM—TREES, FOSSIL

Find of fossil trees in the lava formation of the Siberian Platform. R. I. Miloserdova. Trudy VAGT no. 7. 127-129 '61.

SIBERIAN PLATFORM—VOLCANOES

Traps of the earliest (prior to the upper Permian) and latest (subsequent to the lower Jurassic) phases of the intrusive volcanism in the Siberian Platform. V. I. Gon'shakova. Trudy Vost. -Sib fil AN SSSR no. 16:93-108 '61.

SIDEWALKS see subdivision under Lithuania

SIEBERT, ROBERT

We are strong in unity. A. Bugaets. Sov. voin 43 no. 8: 9 Ap '61.

SIERRA LEONE—POLITICS AND GOVERNMENT

Lion Mountain. E. Glushchenko. Az. i Afr. seg. no. 4:14-15 Ap '61.

SIEVES

(see also subdivision under Germany, East)

Investigating the performance of flat sieves under heavy loads. I. E. Kozhukhovskii Trudy VIM 27:132-171 '60.

Investigating the performance of the feeding mechanisms of sieve middlings purifiers. G. Gal'perin, A. Poisakhovich, L. Sukhoi. Muk. -elev. prom. 27 no 4:29-31 Ap '61.

Results of using caprone sieves at the Tsiurupa Grain Milling Combine B. Krichigin Muk. -elev. prom 27 no 7 19 Jl '61.

SIGNS AND SYMBOLS

The role of signs in the process of cognition [with summary in English, p 186] L. O. Reznikov Vop filos 15 no 8 118-132 '61

State standard for geodetic symbols M. I. Filakhtov. Geod. i kart no 7 63 Jl '61.

SIKHOTE-ALIN RANGE—MINERAL WATERS

"Lastochka." I. I. Konovalov Zdorov'e 7 no. 6.30 Je '61

SILANE

Reaction of cohydrolysis of bis-(methyldichlorosilyl)-benzene with trimethylchlorosilane K. A. Andrianov, N. V. Delazari Izv. AN SSSR Otd. khim. nauk no 7 1266-1269 Jl '61

Reactions of some alkyl and aryl alkoxy derivatives of silane with boric acid A. P. Kreshkov, D. A. Karateev, V. Furst Zhur. ob. khim 31 no. 7:2139-2143 Jl '61.

Synthesis of methylbromochlorosilanes. Z. S. Shashkova, K. P. Grinevich, L. K. Popkov Plast. massy no 8 20-21 '61.

Synthesis of (trimethylsiloxy) chlorosilanes E. P. Mikheev, N. P. Tikhonova Plast massy no. 8:19-20 '61.

Thermal condensation of dichlorosilane with chlorobenzene. K. A. Andrianov and others Dokl. AN SSSR 139 no 1:95-98 Jl '61

SILANOL

Synthesis and some transformations of silanols in the vinylacetylene series M. F. Shostakovskii, N. V. Komarov, Iu. V. Maroshin Dokl. AN SSSR 138 no 4 913-915 Ag '61.

SILICA

Effect of an admixture of silica on the sintering and stabilization of zirconium dioxide. E. K. Keler, A. B. Andreeva. Ogneupory 26 no. 6:276-281 '61.

Effect of gamma rays on the properties of a silica surface. M. M. Tagieva, V. F. Kiselev. Zhur. fiz. khim. 35 no. 6 1381-1382 Je '61.

SILICATES

Behavior of a platinum electrode in silicate melts [with summary in English] V. I. Minenko, S. M. Petrov, N. S. Ivanova Zhur. fiz. khim 35 no 7 1534-1537 Jl '61

Interaction of clinker silicates with barium oxide. I. I. Kholin, Z. B. Entin, Iu. S. Malinin Zhur. prikl. khim 34 no 7 1419-1430 Jl '61

Problem of the strength and deformability of large silicate blocks and masonry made from them I. M. Vetriuk Sbor. nauch. rab. Inst. bud. i arkhit. AN BSSR no 3:83-91 '60.

SILICIC ACID

Rapid volumetric method of determining the silicic acid content of raw material, raw mixes, and finished product in cement production. S. S. Zhukovskaia, K. IA. Levina, N. I. Vodolazhenko Tsement 27 no 3,21-23 My-Je '61

SILICON

Structure of germanium and silicon surface layers based on optical and electron diffraction data [with summary in English]. V. V. Andreeva, N. A. Shishakov. Zhur. fiz. khim. 35 no. 6.1351-1359 Je '61.

Surface tension of germanium, silicon, and diamond [with summary in English]. B. V. Belogurov Zhur fiz khim 34 no. 2:440-443 F '60.

SILICON—ANALYSIS

Simultaneous determination of fluorine, silicon, and chlorine in fluorine and chlorine-containing organosilicon compounds [with summary in English] E. A. Bondarevskaia, V. M. Kuznetsova, S. V. Stavitskii Zhur anal. khim 16 no 4 472-476 Jl-Ag '61

SILICON—ISOTOPES

Studying the levels of P^{31} by the aid of the $Si^{30}(p,\gamma)P^{31}$ reaction A. K. Val'ter and others. Izv. AN SSSR. Ser. fiz. 25 no. 7.854-861 Jl '61.

SILICON CARBIDE

Carborundum refractory materials for furnaces which reduce iron slag and convert natural gas. I. S. Kainarskii, E. V. Degtiareva Ogneupory 26 no 7:322-328 '61.

Features of the emission of hot electrons from natural p-n junctions in SiC crystals. G. V. Stepanov, V. I. Pokalitskin, M. I. Elinson. Fiz. tver. tela 3 no. 6: 1762-1767 Je '61.

SILICON COMPOUNDS

Determination of metal impurities in silicon tetrachloride and silicon dioxide by the spectrochemical method IU. M. Martynov and others Zav. lab 27 no 7 839-842 '61.

SILICON-COPPER-ZINC ALLOYS see Copper-silicon-zinc alloys

SMELTING

Using refractory materials containing graphite for transferring liquid metals by an electromagnetic method. V. P. Gordeev and others. Ogneupory 26 no 6 269 '61

SMELTING FURNACES

Length of service of magnesite brick in furnaces for smelting manganese alloys. V. S. Zel'dina, I. A. Direktorovich. Ogneupory 26 no 6 269-272 '61

Okorokov, N. V. [Induction stirring in steel-melting arc furnaces; results of experimental work] Elektromagnitnoe peremeshivanie metalla v dugovykh staleplavil'nykh pechakh; itogi opytnykh rabot. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 176 p.

Vainberg, A. M. [Induction smelting furnaces] Induktsionnye plavil'nye pechi. Moskva, Gos. energ. izd-vo, 1960. 455 p.

SMOKE SCREENS

Use of smoke. N. Korkishko. Voen. vest. 40 no. 4 42-43 Ap '61.

SMOKED MEAT see Meat, Smoked

SMOKEHOUSES—EQUIPMENT AND SUPPLIES

A new kind of fluidizer. Mias. ind. SSSR 32 no 3 61-62 '61

SMOLENSK—BAKERS AND BAKERIES

We wish you further successes, aunt Liza. E. Chibisov. Mest. prom. i khud. promys. 2 no. 6 8-9 Je '61

SMOLENSK—GUIDEBOOKS

[Smolensk; a reference book and guide] Smolensk; spravochnik-putevoditel'. Izd. 2., ispr. i dop. [Smolensk] Smolenskoe knizhnoe izd-vo, 1960. 258 p.
(MH)

SMOLENSK DISTRICT (ALTAI TERRITORY)—RESTAURANTS, LUNCHROOMS, ETC.

Affairs and plans of a collective farm restaurant. Z. Ivacheva. Sov. potrebkoop. 5 no 7 26-27 Jl '61

SMOLENSK PROVINCE—BUILDING MATERIALS

"Building materials (sand, gravel, and clay) of Smolensk Province" by I. N. Salov. Reviewed by A. I. Verzal. Stroi. mat. 7 no 6 3 of cover Je '61

SMOLITSKII, GERSH RUVIMOVICH, 1897-1961

G. R. Smolitskii, obituary. Biul. Verkh. Suda no. 3, 47 '61.

SMOLKA, GLORG

Mr. Smolka's unique ideas. B. Vykhovskii. Nov. vrem. 19 no. 32 13-14 Ag '61

SNOW see subdivision under Antarctic regions, Lazarev Shelf Ice, Malaya Almaatinka Valley, Ural Mountain region

SNOW FENCES

Snow breaks should be under the protection of the law. A. Snegirev. Avt. dor. 24 no. 6 32 Je '61

SNOW PLOWS

[Combined road plower and snow plow; construction features, operation, and repair] Shtang-snegoochistitel', ustroistvo, ekspluatatsiia i remont. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 94 p. (Bibliotechka putevitsa-mekhanizatora)

SNOW REMOVAL

When the runways are glazed. L. P. Kartashev. Vest. Vozd. Fl. no 2 74-75 F '61

SNOW SURVEYS see subdivision under Antarctic regions; Lazarev Shelf Ice

SNOWDROPS

Biology of the snowdrop Galanthus woronowii Loss. and possibilities for its introduction. I. P. Savost'kin. Bot. zhur. 46 no 5:726-730 My '61.

SOAKING PITS see Furnaces, Heating

SOARING (AERONAUTICS) see Gliding and soaring

SOBOL', SAMUIL L'VOVICH, 1893-1960

In memory of S. L. Sobol'. Lab. delo 7 no. 6:61 Je '61.

SOCCER

In the standings and in the field. M. Merzhanov. Ogonek 39 no 23, 30-31 Je '61.

Journey into the past. Mikhail Butusov. Smena 38 no. 9:25-26 My '61

On the new "Torpedo" and "old love." I. Ur. Vanliat. Sov. profsoiuzy 17 no. 14 44-45 Jl '61.

Season of great expectations. M. Merzhanov. Starsh.-serzh. no. 2:38-39 F '61.

SOCHI—SANATORIUMS

By the very blue sea. I. Il'ia Korabel'nikov. Sov. profsoiuzy 17 no 16:39-40 Ag '61

SOCIAL CONFLICT

The social status of workers in capitalist countries. G. Ardaev, A. Vebel'. Mir. ekon. i mezhdunar. otn. no. 8:60-76 Ag '61.

SOCIAL HYGIENE see Public health

SOCIAL INSURANCE see Insurance, Social

SOCIAL LEGISLATION

Fruitful cooperation between the W. F. T. U. and the I. L. O. Vsem. prof. dvizh. no 2:27-28 F '61

SOCIAL PROBLEMS

(see also subdivision under Mordovia, White Russia)

Discussing the implementation of the Decree of May 4, 1961, enacted by the Presidium of the Supreme Soviet of the R. S. F. S. R. V. A. Savchenkova. Sov. gos. i pravo 31 no 8 142-143 Ag '61

How Soviet laws and the Soviet people struggle against loafers. A. S. Shlapochnikov. Sov. gos. i pravo 31 no 8 61-70 Ag '61

In the All-Union Central Council of Trade Unions. Sov. profsoiuzy 17 no 13 17 Jl '61.

Kondakova, N. P. [He who does not work does not eat] Kto ne rabotaet-tot ne est. [Moskva] Mosk. rabochii, 1961. 29 p.

Maslov, V. S. [People's squads against parasites, drunkards, and hooligans] Narodnye druzhiny protiv tuneiadtsev, p'ianits i khuliganov. [Smolensk] Smolenskoe knizhnoe izd-vo, 1961. 57 p. (Druzhinnik)

Some legal aspects of the struggle against antisocial groups and loafers who shun socially useful work. V. F. Kirichenko. Sov. gos. i pravo 31 no 8 128-132 Ag '61

[Who does not work but eats] Kto ne rabotaet, a est; sbornik. [Kaliningrad] Kaliningradskoe knizhnoe izd-vo, 1960. 59 p.

SOCIAL PSYCHOLOGY

New ideas and the surviving traces of the past in the consciences of collective farm peasants. P. A. Prozorov. Vop. filos. 15 no 7 37-48 '61.

Social and cultural problems in present-day Neo-Freudianism [with summary in English] E. A. Pogosian. Vest. ist. mir. kul't. no 3 39-51 My-Je '61

SOCIAL SCIENCE RESEARCH

(see also subdivision under Turkmenistan)

Brief news. Vop. filos. 15 no. 8 183 '61.

SOCIAL SCIENCES

Kishinev. Vysshaia partiinaia shkola. [Studies] Uchenye zapiski. Kishinev, Partiinoe izd-vo TsK KP Moldavii, 1960. 252 p.

SOCIAL SCIENCES—BIBLIOGRAPHY see Bibliography—Social sciences

SOCIAL SCIENCES—STUDY AND TEACHING

(see also subdivision under Germany, West, Stalingrad Province)

For a thorough discussion of the development of socialist agriculture in social science courses. E. F. Borisov, G. V. Donskoi. Sred. spets. obr. 8 no 6, 43-46 Je '61.

On the threshold of a new school year. Prep. ist. v shkole 16 no 4 7-11 Jl-Ag '61

SOCIALISM

Kiriushin, B. T. [Course of Russian revolutionary spirit; an historical sketch of the revolutionary movement and social thought in Russia] Puti rossiiskoi revoliutsionnosti; ocherk istorii revoliutsionnykh dvizhenii i obshchestvennoi mysli v Rossii. [Frankfurt a. M.] Posev, 1959. 245 p.
(RPB)

The social teachings of Weitling [with summary in English, pp 217-218]. V. P. Volgin. Vop. ist. no 8 7-26 Ag '61.

SOCIALISM AND LAW see Law and socialism

SOCIALIST COMPETITION

(see also subdivision under Bryansk; Chirchik; Esil' District, Germany, East; Latvia; Leningrad, Moscow; Orenburg Province; Turkmenistan; Uzbekistan)

The best ones should have honorary titles. Smena 38 no. 13:8 Jl '61

Celebrate the 22d Congress of the CPSU in a creative way. Ekon. stroi. no 7:3-7 Jl '61.

Editor's mail. Smena 38 no. 14-2 Jl '61.

Equalling the best ones. Zhil.-kom. khoz. 11 no. 5: 23-24 My '61

Follow the course of the beacon lights. I. Shatzhanov. Avt. transp. 39 no 6:5-6 Je '61.

The foresighted ones. L. Arnautov. Sov. profsoiuzy 17 no. 13 6-8 Jl '61.

Friendship strengthened through competition. M. Sorokin. Sov. profsoiuzy 17 no. 15:5-7 Ag '61.

Glory to the Soviet people - the builders of Communism. Zhil.-kom. khoz. 11 no 5:1-2 My '61.

How the party organizations of the Krivoy Rog Iron Ore Basin tried to develop the new forms of socialist competition among miners during the second five-year plan. M. M. Matviichuk. Zbir. st. vykl. ist. KPRS vuz. Ukr. RSR 1, 86-101 '58.

In step with our time. M. Andriukhina. Sov. profsoiuzy 17 no 11 20-21 Jl '61.

Individual labor gifts to the 22nd Congress of the CPSU. Der. prom. 10 no 7 8 Jl '61

Inflated indications. A. Shkudov. Voen. vest. 40 no. 4 70 Ap '61.

Innovators of machine accounting. M. Osipovich. Bukhuchet. 18 no 6 50-59 Je '61

Lavruk, V. I. [The first ones on the Caspian; sketches on shock workers of communist labor] Pervye na Kaspii, ocherki ob udarnikakh kommunisticheskogo truda. Moskva, Izd-vo "Morskoi transport," 1961. 73 p.

Let us welcome the 22d Congress of the CPSU with worthwhile accomplishments. Fin. SSSR 22 no 3 5-7 Mr '61

Let's start a real competition. M. Konstantinov. Nar. obr. no. 8 66-68 Ag '61.

Make every effort to fulfill your socialist obligations. Gor. Kho. Mosk. 35 no 6 1-3 Je '61

Metal forgers. V. Frolov. Smena 38 no 15 16-18 Ag '61

Our word is as firm as steel. A. Maskarin. Sov. profsoiuzy 17 no. 11 4-6 Jl '61

People of achievements in work. S. Vladimirskii. Sov. profsoiuzy 17 no 13 46-47 Jl '61.

Pogudin, N. A. [Organization of socialist competition in cooperative industry] Organizatsiia sotsialisticheskogo sorevnovaniia v kooperativnoi promyshlennosti. Moskva, Vses. koop. izd-vo, 1959. 19 p.
(NNC)

Preparing for the 22d Congress of the CPSU. Tekh. kino i telev. 5 no 6, 1-3 Je '61

Raise the banner of socialist competition. Avt. dor. 24 no. 7, 5 Jl '61

Russia (1923- U. S. S. R.) Upravlenie prepodavaniia obshchestvennykh nauk. [The Communist Party as the inspirer and organizer of nationwide socialist competition in the U. S. S. R.] Kommunisticheskaia partiia - vdokhnovitel i organizator vsenarodnogo sotsialisticheskogo sorevnovaniia v SSSR. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 565 p.

Sharing the people's thoughts and feelings. P. Semichev. Voen. vest. 40 no 4 9-11 Ap '61.

Shock workers of communist labor of the Moskva-Sortirovochnaya roundhouse propose that the granting of the "communist enterprise" title should be subject to public discussion. Vladimir Stanilevich and others. Smena 38 no 12, 8 Je '61

So that the motherland would grow richer! Sov. profsoiuzy 17 no 11 2-3 Jl '61.

A stream begins with a drop. T. Platovskaia. Smena 38 no. 13 6-7 Jl '61.

This is for our beloved country. P. Semakov and others. Sov. potrebkoop. 5 no 8 6-7 Ag '61

To you, party, we dedicate our work and creativeness. A. Pivovarov and others. Sov. profsoiuzy 17 no 16 28-29 Ag '61

Vasilii Minin, a swineherd. IUrii Falatov. Sov. profsoiuzy 17 no 14 6-8 Jl '61

Welcoming the 22d Congress of the CPSU with labor achievements. Plan. khoz. 38 no. 8 3-7 Ag '61.

Word from the stock workers of communist labor. A. Zubela, M. Voronov. Sov. torg. 34 no 7:8-9 Jl '61

SOCIALIST PARTY see subdivision under France, Germany

SOCIALIST REALISM

Akademiia nauk SSSR. Institut mirovoi literatury. Socialist realism in foreign literatures] Sotsialisticheskii realizm v zarubezhnykh literaturakh. Moskva, Izd-vo Akad. nauk SSSR, 1960. 348 p.
(NIC)

SOCIALISTS, GERMAN

Diakin, V. S. [The Communist Party of Germany and the "united front" question during the relative stabilization of capitalism from 1924 to 1928] Kommunisticheskaia partiia Germanii i problema edinogo fronta v gody otnositel'noi stabilizatsii kapitalizma, 1924-1928 gg. Moskva, Izd-vo Akad. nauk SSSR, 1961. 137 p.

SOCIETY, PRIMITIVE see subdivision under China

SOCIOLOGY

(see also subdivision under China)

The forms of dialectical unity in social development [with summary in English, p 184] B. S. Ukraintsev. Vop. filos. 15 no. 7:19-61 '61.

In the service of reaction and war. L. Mitrokhin. Komm. Vooruzh. Sil. 1 no. 13:69-76 Jl '61

SODA INDUSTRY—EQUIPMENT AND SUPPLIES

Prevention of incrustations in units and pipelines of soda manufacture distillation plants. E. T. Gromova. Zhur. prikl. khim. 34 no 7 1502-1508 Jl '61.

SODIUM ARSENATES

Prophylactic effect of sodium arsenate in polonium poisoning. D. I. Zelikova. Radiobiologiia 1 no. 2:288-292 '61.

SODIUM CARBONATE

Effect of curds, and sour and fresh milk on the secretion of chymotrypsin and sodium carbonate in pancreatic juice of dogs [with summary in English] N. P. Piatnitskii, M. N. Sellukova Vop pit 19 no 2,45-48 Mr-Ap '60

SODIUM COMPOUNDS

Methods of obtaining sodium compounds from NaCl Khim v shkole 15 no 3 56 My-Je '60

SODIUM DITHIONITE

Effect of the pH and buffer concentration on the stability of sodium hydrosulfite in solutions F K Andrianshchenko and others Ukr khim zhur 27 no 4 536-539 '61

SODIUM FLUORIDE

Effect of sodium fluoride on the breathing, synthesis of biomass, and amylolytic activity of Aspergillus oryzae A M. Malkov, V. E Deeva Izv. vys. ucheb zav ; pishch tekh. no 2:57-60 '60

SODIUM HYDROXIDE

Effect of sodium hydroxide solution on the absorption band of surface hydroxyl groups of certain silicates I N Plaksin, V I Solnyshkin Dokl. AN SSSR 139 no 4,936-937 Ag '61

SODIUM NITRATE

Conversion of the oxidative component of radiolysis in the nitrate - water system M A Proskurnin and others. Dokl AN SSSR 139 no. 2 410-413 Jl '61

Electron paramagnetic resonance spectra and the kinetics of accumulation of products formed during the radiolysis of frozen aqueous sodium nitrate solutions [with summary in English]. V A Sharpatyi, IU N Molin Zhur fiz khim 35 no 7 1465-1473 Jl '61.

SODIUM PERBORATES

Separation of perborates from alkaline solutions of hydrogen peroxide O. V. Izbekova Ukr khim zhur 27 no 4 539-541 '61

SODIUM SILICATE

Sodium silicate as a disinfectant of premises for housing cattle before slaughter N Alekseev, I Krasnobaev, A Stefanov Mias ind SSSR 31 no 4:49 '60.

SODIUM SULFATE

Production of cellulose with sulfite acid containing as bases a mixture of sodium bisulfite and sulfate IU. N. Nepenin, P A. Demchenkov Zhur. prikl. khim. 34 no 7 1597-1601 Jl '61

Ternary system formed by sodium, thallium, and lead sulfates E L Bakumskaia, V V. Keropian, A. G. Bergman Zhur. neorg khim 6 no 7:1652-1655 Jl '61

SODIUM SULFITE

Production of cellulose with sulfite acid containing as bases a mixture of sodium bisulfite and sulfate. IU N Nepenin, P A. Demchenkov. Zhur prikl khim 34 no 7 1597-1601 Jl '61

SODIUM THIOSULFATE CRYSTALS—SPECTRA

Quadrupole effects in the nuclear resonance spectrum of urea and sodium thiosulfate single crystals. V S. Grechishkin, N E Ainbinder Fiz tver tela 3 no 6 1821-1826 Je '61

SOIL ACIDITY

Height growth of one-year-old seedlings of some tree species in soils of different acidity. M. D. Nesisiarovich, A. F Ivanov Vestsi AN BSSR. Ser. bifal. nav no. 2:21-28 '61

SOIL BIOLOGY

Weeds in fields reduce the biological activity of soils. A. Sh. Galstian. Izv AN Arm. SSR Biol. nauki 14 no 5:59-74 My '61

SOIL CONSERVATION

(see also subdivision under Khmel'nitskiy Province; Volga Valley)

Planting grasses for controlling erosion [in Armenian with summary in Russian] M. S Kazarian Izv. Upr. sel'khoz. nauki Arm. SSR 4 no. 4,77-82 '61.

SOIL FERTILITY

Unit for soil fertility tests. IU. I. Gladyshevskii. Priroda 50 no 8:114-115 Ag '61.

SOIL MECHANICS

Device for testing the compressability of soils with static loads. E. F. Vinokurov. Sbor nauch. rab. Inst. bud. i arkhit AN BSSR no. 3:14-17 '60

Experimental investigation of the deformation of a loose medium having flat and cylindrical surfaces. L. M. Plitugin. Dokl. TSKhA no 55:267-276 '60.

Results of the exchange of soil and foundation engineering specialists between the U.S.S.R. and the U.S.A. Osn., fund. i mekh. grun. 3 no. 3:32 '61.

Statistical method of determining deformations of structural soil medium. L. M. Plitugin Dokl. TSKhA no. 55:298-306 '60.

SOIL MECHANICS—BIBLIOGRAPHY see Bibliography—Soil mechanics

SOIL MECHANICS—CONGRESSES

Indian National Conference on Problems of the Bearing Capacity of Soils. Osn., fund i mekh. grun. 3 no. 3 22 '61

SOIL MICRO-ORGANISMS

(see also subdivision under Kara Kum Canal region, Klyaz'ma Valley, Kola Peninsula, Soviet Central Asia)

Development of soil Actinomycetes in media with varying osmotic pressure [with summary in English] I I Klevenskaia. Mikrobiologiia 29 no 2:215-219 Mr-Ap '60.

Effect of the repeated use of herbicides on the microflora of the soil [with summary in English] I. IU Khuchunkov A. N. Petrova. Mikrobiologiia 29 no 2 238-241 Mr-Ap '60.

Joint activity of earthworms and microflora in forest soils. L. S Kozlovskaia, E N Zdannikova Dokl. AN SSSR 139 no 2,470-473 Jl '61

Resistance of some types of soil micro-organisms to the action of anabasine [with summary in English] G M Konobeeva. Mikrobiologiia 29 no 2 234-237 Mr-Ap '60

SOIL MOISTURE

(see also subdivision under Turkmenistan)

Effect of moisture and low temperatures on the quantity of bacteria in the soil [with summary in English] P Kh Rakhno Mikrobiologiia 29 no 2:229-233 Mr-Ap '60

How organic-mineral fertilizer mixtures help to improve soil moisture conditions and increase the yield of early cabbage. Agrobiologiia no. 4:628-629 Jl-Ag '61.

Moisture conditions in the soil of construction sites and on sites of buildings in operation V I Puskov. Izv vys. ucheb. zav., stroi i arkhit 4 no 3:134-141 '61.

SOIL PERCOLATION

Artificial lowering of the water level in soil with low permeability A I. Churakov Sbor. trud MISI no 32 112-115 '61.

Creating an injectable screen in sand-and-gravel soils V V. Kotul'skii, N. V Dmitriev Gidr stroi 31 no 7 28-31 Jl '61.

Filtration characteristics of seasonally thawing loamy ground in the Vorkuta region L N Khrustalev Mat k osn uch o merz zon zem kory no 1 157-164 '61

Percolation capacity of loess. F. V. Molchanov. Izv. vys. ucheb. zav.. stroi. i arkhit. 4 no. 2:46-53 '61.

SOIL PHYSICS

(see also subdivision under Amu Darya Valley; Don Valley, Krasnoyarsk Territory)

Determining the traction resistance of plows in relation to the physicomechanical properties of soil. P. G. Kulebakin, IA M. Denisiuk, A. A. Kikin. Trakt. i sel'khoz. mash. 31 no. 2:18-19 F '61.

Methods of processing the results of determinations of the shear strength of soils. A N. Margot'ev. Osn., fund. i mekh. grun. 3 no. 3:19-22 '61.

Soil physics and problems of tillage [with summaries in English, German, and French] I B Revut Vest sel'khoz nauki 6 no 7:30-41 Jl '61

SOIL SCIENCE

M. V Lomonosov and soil science. N. P Remezov Nauch dokl vys. shkoly, biol nauki no 3 14-17 '61

SOIL STABILIZATION

Ashes from thermal electric stations as an addition to mineral mixtures. V. E. Sokolovich. Avt. dor 24 no. 7:14-15 Jl '61

Characteristics of strengthening some types of soil in the Volga region. A. S Elenovich Avt dor. 24 no. 6 10-11 Je '61

Electrogeoosmosis. Z. Perzynski. Tekh. mol. 29 no 6:37-39 '61.

Field tests of a pulsating installation for the compaction of loose saturated sands. D. A Trifonov-IAkovlev. Trudy Nauch. -issl. sekt. Mosk. fil. Inst. "Orgenergostroi" no. 3: 3-18 '59.

Improving the design and techniques of building surfaces of compacted soil A I. Bondarenko, K. A. Kniaziuk Avt. dor 24 no. 6:12-13 Je '61.

Machines for compacting the earth in irrigation canals. A. IA Gol'din, V. V. Zherebtsov, IA. D. Zaidman Mekh stroi. 18 no. 7:14-16 Jl '61.

Meshcheriakova, I. P. [Roads with a base course of compacted soil] Dorogi s osnovaniem iz ukreplennogo grunta. Pod red. V. M. Bezruka. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 23 p.

Organization of soil compaction operations. N. Ivlev. Avt dor. 24 no 6:13-14 Je '61.

Preparing the foundation of a large-panel building on sagging soil. IA. D. Gil'man. Osn., fund. i mekh. grun. 3 no. 3:25-26 '61.

Strengthening low-moisture sagging soils. S. N. Egorov, A. A. Vagapov. Prom stroi 39 no. 6:55-56 '61.

Study of the effectiveness of compacting sagging soils for industrial construction by a means of pre-wetting. V. I. Krutov, P. D. Acianin. Osn. fund. i mekh. grun. 3 no. 3. 7-11 '61.

Thickness of the buffer (loosened) layer during deep soil compaction by explosion. V G. Galitskii. Osn., fund i mekh. grun. 3 no 3:14-16 '61.

SOIL TEMPERATURE see subdivision under Moscow Province

SOILS

(see also subdivision under Armenia, Basargechar District; Razdan District)

Lateral deformations of soil due to cultivation with scarifying working parts [in Armenian with summary in Russian] R. A Ramazian. Izv Upr. sel'khoz. i Arm SSR 4 no 3 27-32 '61

Vorob'ev, S. A., and M. G. Avaev. [Practical and laboratory work in soil science and agriculture] Laboratorno-prakticheskie zaniatiia po pochvovedeniiu i zemledeliiu. Izd. 2., perer. Moskva, Gos. izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 335 p. (Uchebniki i uchebnye posobiia dlia sel'skokhoziaistvennykh tekhnikumov)

SOILS—ALUMINUM CONTENT

Migration of iron and aluminum during soil formation under the forest canopy. B. G. Rozanov. Vest. Mosk. un. Ser. 6 Biol., pochv. 16 no. 1 67-78 Jl-Ag '61.

SOILS—ANALYSIS

Analysis of soils of the Greenhouse-Hotbed Combine No 4 of Yaroslavl. L P Chernova Sbor stud nauch. rab Nauch stud ob-va IAr. gos. ped inst no 3 68-78 '59

Arinushkina, E. V. [Manual on the chemical analysis of soils] Rukovodstvo po khimicheskomu analizu pochv. [Moskva, Izd-vo Mosk. univ., 1961. 490 p.

Bicarbonate method of determining H ions absorbed by the soil in the presence of absorbed Al ions M Sh Rustamov Izv. AN Azerb. SSR Ser. biol i med nauk 3 41-46 '61.

Determining nitrate nitrogen in soils P. V Nosov. Khim v shkole 15 no 3:64-66 My-Je '60.

Polarographic determination of bases absorbed by soil using the Kappen-Hilkowitz method L. M Skoberts, G. V. Ruchko Nauch dokl. vys shkoly. biol nauki no 3 189-192 '61

SOILS—IRON CONTENT

Migration of iron and aluminum during soil formation under the forest canopy. B. G. Rozanov. Vest. Mosk. un. Ser. 6: Biol., pochv. 16 no. 4:67-78 Jl-Ag '61.

SOILS—MAGNETIC PROPERTIES

Magnetic properties of certain soils. V. S. Semenov, V. I Pakhotnova Izv vys. ucheb zav , fiz no 1 84-86 '61

SOILS—MICROBIOLOGY

Effect of moisture and low temperatures on the quantity of bacteria in the soil [with summary in English] P Kh Rakhno. Mikrobiologiia 29 no. 2:229-233 Mr-Ap '60

SOILS—PHOSPHORUS CONTENT

Photometric methods for determining the available and total phosphorus in soils [with summaries in English, German, and French] M L 'Sap. Vest. sel'khoz nauki 6 no. 7:112-119 Jl '61

SOILS AND CROPS see Crops and soils

SOKOL—PAPER INDUSTRY—HYGIENIC ASPECTS

He is interested in everything. . A. Sushinov. Okhr truda i soia. strakh. 4 no 7:20-21 Jl '61.

SOLAR BATTERIES

Gliberman, A. IA., and A. K. Zaitseva. [Silicon solar batteries] Kremnievye solnechnye batarei. Moskva, Gos. energ. izd-vo, 1961. 70 p. (Massovaia radiobiblioteka, no. 398)

SOLAR HEATING

Using solar energy for melting high-purity and heat-resistant materials IA Shermazanian Prom. Arm. 4 no 7 56-57 Jl '61

SOLAR RADIATION

Considering the effect of solar radiation on heat inflow to the holds of a refrigerator vessel A S Mar'ianov Trudy LKI no. 39. 165-169 '60.

Effect of "small" solar flares accompanied by type IV radiobursts. E. V. Kolomeets. Geomag. i aer. 1 no. 1:41-44 Ja-F '61

Geomagnetic storm families and solar corpuscular streams. V. I. Afanas'eva. Geomag. i aer. 1 no. 1: 59-66 Ja-F '61.

Penetration of local magnetic fields into the solar corona and generation of corpuscular streams affecting the earth. E. I. Mogilevskii. Geomag. i aer. 1 no 2: 153-155 Mr-Ap '61.

Some data on cosmic rays emitted by the sun. A. N. Charakhch'ian, V. F. Tulinov, T. A. Charakhch'ian Geomag. i aer. 1 no. 2:150-152 Mr-Ap '61

Some properties of radiobursts of type IV as related to the conditions of the generation of corpuscular streams affecting the earth. S. T. Akin'ian, —E. I. Mogilevskii Geomag. i aer. 1 no. 2,156-163 Mr-Ap '61.

SOLAR RADIATION (Continued)
Sporadic solar radio emission on low frequencies [with summary in English] E. A. Benediktov, G. G. Getmantsev. Izv. vys. ucheb. zav., radiofiz., 4 no. 2 244-252 '61

SOLDER AND SOLDERING
Sound as welder. P. Orlov. Mest. prom. i khud. promys. 2 no. 6 23 Je '61.

SOLDIERS—DISEASES AND HYGIENE
Role of prophylactic additions of vitamins to food in the decrease of morbidity. A. S. Tempel and others. Voen.-med. zhur. no. 3:49-51 Mr '61.

SOLDIERS—NUTRITION
Food ration of minimum weight. Iu. I. Udalov. Voen.-med. zhur. no. 3:62-65 Mr '61.
Importance of continuous additions of vitamin C to food in the military unit. G. A. Shekhtman. Voen.-med. zhur. no. 3:16-19 Mr '61.

SOLIDS
Chemical exchange reactions in solid phases and contact between the reacting particles of solids. M. M. Pavlinchenko, M. P. Gilevich. Dokl. AN SSSR 139 no. 3:648-649 Jl '61.

SOLIDS—SPECTRA
Vacuum cell for studying infrared absorption spectra of solids in an atmosphere of different gases over a wide range of temperatures [with summary in English]. N. N. Kavtaradze, V. I. Lygin. Zhur. fiz. khim. 34 no. 2:462-463 F '60.

SOLIDS, EFFECT OF RADIATION ON
Effect of the radioactivity of molybdenum trioxide on the rate of its vaporization. I. Spitsyn, I. E. Zimakov. Dokl. AN SSSR 139 no. 3:654-657 Jl '61.
Unit for investigating the kinetics of the thermal decomposition of solids subjected to radiation [with summary in English]. A. I. Skorik, V. V. Boldyrev. Zhur. fiz. khim. 35 no. 6:1370-1371 Je '61.

SOLIGALICH
Soligalich. [By] I. N. Ardontov i dr. [Kostroma] Kostromskoe knizhnoe izd-vo, 1960. 146 p. (Goroda i raiony rodnogo kraia)

SOLONETZ SOILS
Changes in the physicochemical properties of Solonetz and terrace Chernozem soils in permanently submerged rice fields of Rostov Province. Sbor. trud. IUzhNIIGiM no. 6:227-241 '58.

SOLOV'EV, VASILII PAVLOVICH, 1907-
Kremlev, IU. A. [Vasilii Pavlovich Solov'ev-Sedoi; a sketch of his life and activities] Vasilii Pavlovich Solov'ev-Sedoi; ocherk zhizni i tvorchestva. Leningrad, Sovetskii kompozitor, 1960. 217 p.

SOLUBILITY
Composition and solubility of lanthanum oxalate in solutions of different composition. V. I. Grebenshchikova, R. V. Bryzgalova, I. V. Chernitskaia. Radiokhimiia 3 no. 4:486-489 '61.
Investigation of the solubility of the peroxy-complexes of the uranyl ion $K_4[UO_2(O_2)_3]\cdot 5H_2O$ and $K_3[UO_2(O_2)_3]\cdot 4H_2O_2\cdot 4H_2O$. A. M. Gurevich, L. P. Polozhenskaia. Radiokhimiia 3 no. 3:316-320 '61.
Isothermal solubility diagram of the ternary system $NH_4Fe(SO_4)_2$ - $NH_4Al(SO_4)_2$ - H_2O at 10 to 25°. Iu. D. Tret'iakov, A. Kh. Bagdasar'ian. Zhur. neorg. khim. 6 no. 7:1681-1684 Jl '61.
Solubility in the system Li_2SO_4 - Na_2SO_4 - K_2SO_4 - H_2O at 50 and 100°. I. N. Lepeshkov, N. V. Bodaleva, L. T. Koteva. Zhur. neorg. khim. 6 no. 7:1693-1701 Jl '61.
Thermodynamic properties of electrolytes in nonaqueous solutions. Part 8: Solubility and free energy of ion transfer in nonaqueous solvents [with summary in English]. Zhur. fiz. khim. 34 no. 2:319-326 F '60.

SOLUBLE GLASS
Compressibility of soluble glasses. M. A. Matveev, A. I. Rabukhin. Zhur. prikl. khim. 34 no. 7:1485-1490 Jl '61.

SOLUTION (CHEMISTRY)
Akhumov, E. I. [Study of supersaturated aqueous salt solutions] Issledovanie peresyshchennykh vodnykh rastvorov solei. Leningrad, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1960. 127 p. (Leningrad, Vsesoiuznyi nauchno-issledovatel'skii institut galurgii. Trudy, no. 42)
Scattering of light and the stability of solutions. L. I. Lisnianskii. Dokl. AN SSSR 139 no. 4:929-932 Ag '61.
State of protons in aqueous solutions [with summary in English]. N. E. Khomutov. Zhur. fiz. khim. 34 no. 2:380-386 F '60.

SOLUTION (CHEMISTRY)—DRYING
Calculation of evaporation in spray drying of overheated solutions. M. I. Berba, B. I. Leonchik. Izv. vys. ucheb. zav., energ. 4 no. 7:76-78 Jl '61.

SOLUTION (CHEMISTRY)—ELECTRIC PROPERTIES
Apparatus for the determination of the electric conductivity of nonaqueous solutions [with summary in English]. N. IA. Tutova. Zhur. fiz. khim. 35 no. 7:1634-1635 Jl '61.
Usikov, S. V. [Contactless high-frequency methods of measuring the conductivity and dielectric permeability of solutions] Vysokochastotnye metody izmereniia provodimosti i dielektricheskoi pronitsaemosti rastvorov beskontaktnym sposobom. Leningrad, 1961. 23 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Pribory i elementy avtomatiki, no. 8)

SOLUTIONS (PHARMACY)
Analysis of binary liquid medicinal mixtures of nonelectrolytes by the method of surface tension [with summary in English]. I. V. Krasovskii, M. V. Shteingart, N. M. Komarova. Apt. delo 10 no. 3 34-39 My-Je '61.
Preparation of injection solutions in ampules in drugstores. P. D. Zak. Apt. delo 10 no. 3 61-62 My-Je '61.

SOLUTIONS, SOLID
Change in the lattice constants of solid solutions with the composition, and Vegard's law. E. S. Sarkisov. Zhur. fiz. khim. 34 no. 2:432-439 F '60.
Defects in KCl - KBr solid solutions. I. IA. Melik-Gaikazian, M. D. Maidanovskaia. Izv. vys. ucheb. zav., fiz. no. 1 174-175 '61.
Preparation and dielectric properties of solid solutions of $Pb(Ti_{0.3}-Zr_{0.3})$ single crystals and of lead metaniobate and lead titanate crystals. A. L. Khodakov, M. I. Sholokhovich. Izv. vys. ucheb. zav., fiz. no. 2 85-91 '61.
Radiation, absorption, and reabsorption of γ-quanta by nuclei of impurities enclosed in a solid solution. I. P. Dzub, A. F. Lubchenko. Izv. AN SSSR Ser. fiz. 25 no. 7:893-900 Jl '61.
Some properties of solid solutions of the system KCl - KBr in connection with its defect structure. M. N. Treskina, E. K. Zavadovskaia. Izv. vys. ucheb. zav., fiz. no. 2 55-59 '61.
Thermoelectric properties of solid solutions of the system AlSb--GaSb. I. I. Burdiian, IA. A. Roznerits, G. I. Stepanov. Fiz. tver. tela 3 no. 6 1879-1882 Je '61.

SOLVENTS
Effect of saturated monatomic alcohols and ethers on the extraction of U^{VI}, Pu^{IV}, Zr^{IV}, Co^{III}, and Nb^{V} with tri-n-butyl phosphate from nitric acid solutions. V. B. Shevchenko and others. Radiokhimiia 3 no. 4 503-506 '61.
Effect of the solvent on ionic and ion-molecular reactions. IU. A. Lisakov. Dokl. AN SSSR 139 no. 4 922-921 Ag '61.
Production of chlorine organic solvents in capitalist countries. N. P. Fedorenko, N. S. Kosheleva. Khim. prom. no. 7 510-514 Jl '61.
Removing the residues of a solvent from protein tissues degreased by dichloroethane. V. V. Kolchev, N. G. Nikolaeva. Izv. vys. ucheb. zav., pishch. tekh. no. 2 67-71 '60.

SOLVENTS—SPECTRA
Measurement of spectra in mixed alkane-based solvents as a method for studying interaction between solute and solvent. V. A. Izmail'skii, M. A. Mostoslavskii. Dokl. AN SSSR 139 no. 3:601-604 Jl '61.

SOMALIA
Somalia. Attilio Gaudio. V zashch. mira no. 8:42-50 Ag '60.

SOMALIA—FOREIGN ECONOMIC RELATIONS—RUSSIA
Signing of the Soviet-Somalian agreements. Vnesh. torg. 41 no. 7:10 Jl '61.

SOMALIA—FOREIGN RELATIONS—RUSSIA
Important contribution to the development and strengthening of Soviet-Somalian relations. Vnesh. torg. 41 no. 7 insert:6-9 Jl '61.

SONAR
Determining the submersion depth of different apparatus by the use of echo sounders. A. I. Sudzhilovskii. Trudy MGI 19:112-114 '60.

SONGS
Abramskii, A. S. [Songs of the Russian North] Pesni russkogo Severa. Pod obshchei red. S. Aksiuka. Moskva, Sovetskii kompozitor, 1959. 133 p.
Thus a song was born. M. Matusovskii, V. Solov'ev-Sedoi. Starsh.-sezh. no. 2,25 F '61.

SONGS—HISTORY AND CRITICISM
A militant proletarian hymn. E. Gippius, P. Shiriaeva. Sov. muz. 25 no. 7:54-63 Jl '61.

SONIN, SEMEN DANILOVICH, 1891-
Seventieth birthday anniversary of Professor S. D. Sonin. Ugol' 36 no. 6:63 Je '61.

SORGHUM
(see also subdivision under Karshi District)
Effect of environmental conditions on sugar accumulation in sweet sorghum. P. P. Oleinik. Agrobiologiia no. 4:612-614 Jl-Ag '61.

SOROKI—ATHEISM
Working together with the study room of the atheist. D. Shekhtman. Bibliotekar' no. 7 43-41 Jl '61.

SOROKI—LIBRARIES
Working together with the study room of the atheist. D. Shekhtman. Bibliotekar' no. 7 13-14 Jl '61.

SORPTION
Sorption kinetics of water vapors of the type A zeolites. D. P. Timofeev, I. T. Erashko. Izv. AN SSSR Otd. khim. nauk no. 7 1192-1197 Jl '61.
Sorption of germanium on aluminum hydroxide. I. V. Tananaev, M. IA. Shpirt, T. I. Sendul'skaia. Dokl. AN SSSR 139 no. 4 907-909 Ag '61.

SOSNOVKA—CAMPS
The horn sounds at the river. V. Andreev, B. Chashcharin. IUn. nat. no. 7 14-19 Jl '61.

SOUND
"Phase jump" in the focus of spherical sound beams. B. D. Tartakovskii. Akust. zhur. 7 no. 2 228-235 '61.

SOUND—MEASUREMENT
Experiments on measuring sound intensity in a laminated medium bounded by an undulatory surface. A. N. Barkhatov, IU. N. Cherkashin, V. IA. IAshkov. Akust. zhur. 7 no. 2 159-164 '61.

SOUND—PHYSIOLOGICAL EFFECT
Changes in the primary response of the auditory zone of the cerebral cortex and temporary connections [with summary in English]. V. A. Ilmyrin-Novy. Fiziol. zhur. [Ukr.] 7 no. 4:165-173 Jl-Ag '61.

SOUND—RECORDING AND REPRODUCING
Apparatus for magnetic sound recording on narrow-film release prints. Tekh. kino i telev. 5 no. 6:4 of cover Je '61.
"TPR" - thermoplastics recording. Nauka i zhizn' 28 no. 6,34-35 Je '61.

SOUND—RECORDING AND REPRODUCING—BIBLIOGRAPHY see Bibliography—Sound—Recording and reproducing

SOUND—SPEED
Application of the law of inverse action to magnetohydrodynamics. I. A. Vuliz, P. I. Gusika. Zhur. tekh. fiz. 31 no. 7:806-815 Jl '61.
Effect of substituting deuterium for hydrogen on the velocity of sound and the compressibility of liquids [with summary in English]. I. B. Rabinovich. Zhur. fiz. khim. 34 no. 2,423-431 F '60.
Speed of sound in mixtures containing suspended particles. IA. Z. Kleiman. Akust. zhur. 7 no. 2:262-264 '61.
Speed of sound in water and water vapor on the saturation line [with summary in English]. V. V. Sychev. Inzh.-fiz. zhur. 4 no. 6,64-69 Je '61.

SOUND—TRANSMISSION
Application of the theory of acoustic streams near heated bodies to particular cases. P. N. Kubanskii. Akust. zhur. 7 no. 2 210-214 '61.
Fluctuations of sound propagating in a shallow water layer. O. S. Tonakanov. Akust. zhur. 7 no. 2:236-241 '61.
Sound propagation in branched wave guides having cavity resonators on the walls. A. D. Lapin. Akust. zhur. 7 no. 2:218-223 '61.
Theory of irregular acoustic wave guides. B. Z. Katsenelenbaum. Akust. zhur. 7 no. 2:201-209 '61.
Transit of flexural waves across an intermediate rod, involving losses. V. P. Maslov, B. D. Tartakovskii. Akust. zhur. 7 no. 2:224-227 '61.

SOUND PRODUCTION BY ANIMALS
Nature of sounds produced by some fishes of the Black Sea. V. R. Protasov, E. V. Romanenko. Dokl. AN SSSR 139 no. 3:726-728 Jl '61.

SOUND WAVES
Electronic acoustic transducer for the visualization of sound images. P. K. Oshchepkov, L. D. Rozenberg, IU. B. Semennikov. Akust. zhur. 7 no. 2:268 '61.
Nonlinear distortion of a plane wave in a nondissipative medium. L. K. Zarembo. Akust. zhur. 7 no. 2: 189-194 '61.
Propagation of acoustic waves of finite amplitude in a dissipative medium. S. I. Soluian, R. V. Khokhlov. Vest. Mosk. un. Ser. 3: Fiz., astron. 16 no. 3:52-61 My-Je '61.
Reflection of plane waves from a cylindrical discontinuity. A. S. Golubev. Akust. zhur. 7 no. 2:174-180 '61.
Sound scattering near the critical state. A. Adkhamov. Uch. zap. Tadzh. un. 18:52-58 '58.
"Superviscous" longitudinal waves in elastic media. A. E. Vovk, V. V. Titutekin. Akust. zhur. 7 no. 2: 256-257 '61.
Theory of the excitation of acoustical surface waves. Guan' Din-khua [Kuan Ting-hua]. Akust. zhur. 7 no. 2:181-184 '61.

SOUND WAVES—SCATTERING

Scattering of plane waves on a double-periodical surface of arbitrary shape. R. G. Barantsev. Akust zhur. 7 no.2 155-158 '61

SOUNDPROOFING

(see also subdivision under Novyye Cheremushki)

Soundproofing of large-panel houses S. D. Kovrigin Izv. vys. ucheb. zav., stroit. i arkhit. 4 no.3 112-150 '61

SOUNDPROOFING MATERIALS see Acoustical materials

SOUPS

Additional information on the production of concentrated bone bouillon G. Lovacheva, S. Zanadvorov Mias. ind. SSSR 32 no.1 29-30 '61

SOUTH AFRICA, UNION OF—NATIVE RACES

South African racists will answer for Sharpeville! Az. i Afr. segs. no.4 52 Ap '61

SOUTH AFRICA, UNION OF—RACE DISCRIMINATION

Union of South Africa, bulwark of colonialism in Africa. I. S. Saks. Mezhdunar. zhizn' 8 no.8 108-110 Ag '61

SOUTH KOREA see Korea, South

SOUTH OSSETIAN AUTONOMOUS PROVINCE—COMMUNIST YOUTH LEAGUE

Pliev, B. Z. [South Ossetian Communist Youth League of Georgia during the years of the Great Patriotic War, 1941-1945] IUgo-Osetinskaia organizatsiia LKSM Gruzii v gody Velikoi Otechestvennoi voiny 1941-1945 gg. Stalinir, Gosizdat IUgo-Osetii, 1960. 85 p.

SOUTHEAST ASIA COLLECTIVE DEFENSE TREATY

Evil shadow of the SEATO over Asia M. Petrov Blok agit. [Sov. Armii] no.16 46, 3 of cover Je '61

The SEATO is an instrument for military adventures and provocations. M. Dneprov. Blok. agit. [Sov. Armii] no.20 42-44 Jl '61.

SOVIET BLOC see Communist Countries

SOVIET CENTRAL ASIA—ANTIQUITIES

Trofimova, T. A. [Racial types in Central Asia during the Aeneolithic and Bronze Ages] Rasovye tipy naseleniia Srednei Azii v epokhy eneolita i bronzy. Moskva, 1960. 19 p. (CLU)

SOVIET CENTRAL ASIA—DESCRIPTION AND TRAVEL

Gorbunova, N. N., and L. V. Piashnikova. [Birth of a dream] Rozhdenie mechty. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1961. 100 p. (Po rodnym prostoram)

SOVIET CENTRAL ASIA—ECONOMIC CONDITIONS

[Bypassing the stage of capitalism, the transition of the Soviet Republics of Central Asia and Kazakhstan to socialism] Minuia kapitalizm, o perekhode k sotsializmu respublik Srednei Azii i Kazakhstana. Moskva, Gos. izd-vo polit. lit-ry, 1961. 245 p.

Characteristics of the noncapitalist development of the people of Central Asia and Kazakhstan M. S. Dzhunusov Ist. SSSR 5 no.4 3-28 Jl-Ag '61.

SOVIET CENTRAL ASIA—ETHNOLOGY

Trofimova, T. A. [Racial types in Central Asia during the Aeneolithic and Bronze Ages] Rasovye tipy naseleniia Srednei Azii v epokhy eneolita i bronzy. Moskva, 1960. 19 p. (CLU)

SOVIET CENTRAL ASIA—FARM MECHANIZATION

Seminar of Central Asian school personnel S. Emel'ianov Prof.-tekh. obr. 18 no.8 12 Je '61

SOVIET CENTRAL ASIA—VOCATIONAL EDUCATION

Seminar of Central Asian school personnel S. Emel'ianov Prof.-tekh. obr. 18 no.6 13 Je '61

SOVIET FAR EAST—ALLIED INTERVENTION, 1918-1920

Belikova, L. I. [Bolsheviks of the Soviet Far East during the civil war and during allied intervention] Bol'sheviki Primor'ia v gody grazhdanskoi voiny i inostrannoi interventsii. Vladivostok, Primorskoe knizhnoe izd-vo, 1960. 122 p. (Iz istorii Primorskoi organizatsii KPSS)

SOVIET FAR EAST—APARTMENT HOUSES

Apartment houses in the villages of the Far East. A. Ardeev, L. Sipko Zhil.stroi no.6 31-32 Je '61

Standardization of dwellings for the Far East. I. Bumazhnyi Zhil.stroi. no.6 4-7 Je '61

SOVIET FAR EAST—CONSTRUCTION INDUSTRY

Problems of housing construction in the Far East. E. Vasil'ev Zhil.stroi no.6,2-3 Je '61

Raise the level of prefabrication in construction in the Far East Zhil.stroi no.6 1 Je '61

SOVIET FAR EAST—DISCOVERY AND EXPLORATION—BIBLIOGRAPHY

Books on heroic discoveries in the Far East. A. A. Uranosov, V. N. Fedchina Priroda 50 no.8 120-121 Ag '61

SOVIET FAR EAST—GEOGRAPHY

On a series of collections of the Far Eastern geographers ("Problems in geography of the Far East," Reviewed by IU. A. Liverovskii, V. V. Nikol'skaia) Izv. AN SSSR Ser. geog. no.4 151-156 Jl-Ag '61

SOVIET FAR EAST—GEOLOGY, STRATIGRAPHIC

Basic features of the Jurassic stratigraphy of the Soviet Far East [with summary in English]. K. M. Khudolei, I. I. Sei, L. V. Sibiriakova. Geol. i geofiz. no.6 15-30 '61.

Sc[illegible]

[illegible]

Stratigraphic Scales for Sakhalin, Kamchatka, the Kuril and Komandor Islands; Okha, May 25 - June 2, 1959] Materialy. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1961. 338 p.

SOVIET FAR EAST—INLAND WATER TRANSPORTATION

Inland water transportation in the eastern regions of the Soviet Union. V. G. Krasheninnikov Izv. Vses. geog. ob-va 93 no.4,312-319 Jl-Ag '61.

SOVIET FAR EAST—LAMELLIBRANCHIATA

"Bivalvular molluscs in Far Eastern seas of the U. S. S. R.; order Dysodonta" by O. A. Skarlato Reviewed by Z. A. Filatova Zool. zhur. 40 no.7,1118 Jl '61

SOVIET FAR EAST—MUSICAL SOCIETIES

In the Far East. Vladimir Fere. Sov. muz. 25 no.7 111-112 Jl '61.

SOVIET FAR EAST—ORE DEPOSITS

First All-Union Conference on the Geology and Metallogeny of the Pacific Ore Belt. V. V. Bazsmertnyi. Izv. vys. ucheb. zav.; geol. i razv. 4 no.1 132-133 Ja '61.

SOVIET FAR EAST—PLUM—VARIETIES

Ussurian plum for the Siberian orchards A. A. Kaleganov Priroda 50 no.8,100-102 Ag '61.

SOVIET FAR EAST—REVOLUTION, 1917-1921

Belikova, L. I. [Bolsheviks of the Soviet Far East during the civil war and during allied intervention] Bol'sheviki Primor'ia v gody grazhdanskoi voiny i inostrannoi interventsii. Vladivostok, Primorskoe knizhnoe izd-vo, 1960. 122 p. (Iz istorii Primorskoi organizatsii KPSS)

SOVIET UNION see Russia

SOVIETS

The number of volosti and village soviets in 1917 and 1918 V. R. Gerasimov. Vop. ist. no.8 205-208 Ag '61.

SOWING

Effect of different seeding times and methods on the metabolism of forage crops [in Azerbaijani with summary in Russian] B. Z. Guseinov, A. M. Mamedov. Izv. AN Azerb. SSR. Ser. biol. i med. nauk 3:3-8 '61.

SOYBEAN

Effect of different planting methods on root nodule formation in soybeans A. S. Ragimov. Izv. AN Azerb. SSR Ser. biol. i med. nauk 3:37-40 '61

Meat without bones. I. Vol'per. IUn. nat. no.7,21-23 Jl '61.

SOYBEAN—DISEASES AND PESTS

Bacterial diseases of the soybean V. O. Muraso Mikrobiol. zhur. 23 no.2 68-72 '61

SOYBEAN MEAL

Using soybean in mixed feed production G. Bardyshe Muk.-elev. prom. 27 no.7 29-30 Jl '61.

SOZH VALLEY—FISHES

Fish species in the basin of the Sozh River. P. I. Zh[illegible] Vestsi AN BSSR. Ser. biial. nav. no.2 73-78 '61

SPACE AGE see Astronautics and civilization

SPACE BIOLOGY

First raid toward the stars and problems of space biology N. N. Zhukov-Verezhnikov Nauka i zhizn' 28 no.6 6-7 Je '61.

Man strides into the space. N. M. Sisakian. Sov. pedagogika 17 no.11,27-30 Jl '61.

Microorganisms in outer space. N. I. Rybakov Nauka i zhizn' 28 no.6 8-9 Je '61.

Space and biology. I. Maiskii. Vest. Vozd. Fl. no.[illegible] Ap '61.

SPACE FLIGHT

Conversation of N. S. Khrushchev with the first cosmonaut, IU. A. Gagarin. Vest. Vozd. Fl. no.4:7-8 Ap '61.

Greatest scientific feat. Radio no.4 1-2 Ap '61

Outstanding scientific experiment; celestial mechanics and the first space flight of man E. P. Aksenov, E. A. Grebenikov, V. G. Demin. Priroda 50 no.8:7-15 Ag '61

Preobrazhenskii, A. IU. [Secrets of the ocean of air] Tainy vozdushnogo okeana. Moskva, Izd-vo "Znanie," 1961. 36 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 4, Tekhnika, no.8)

[MICROFILM]

This is how the flight was prepared. V. V. Parin Zdorov'e 7 no.6:4-5 Je '61

Triumph of human genius V. Bednyakov. Kryl'ia 12 no.5:4-6 My '61.

SPACE FLIGHT TO VENUS

Course set for Venus. V. Bazykin. Kryl'ia 12 no.4 7-8 Ap '61.

SPACE MEDICINE

The door to the stars has opened wide V. N. Chernigovskii IUn. nat. no.7 8-9 Jl '61

First flight of man into space. Nauka i zhizn' 11 no.5 14-25 My '61.

How the exploit was prepared. V. Chernigovskii. Vest. Vozd. Fl. no.4:47-53 Ap '61.

It would be worth spending a lifetime for the sake of this day. V. V. Parin. Vest. Vozd. Fl. no.4 53-55 Ap '61.

Life, intelligence, universe. V. Engol'gardt. Vest. Vozd. Fl. no.4:57-59 Ap '61.

Man in outer space. V. V. Parin Ukraina no.15 8 Ap '61

Space flight of man. G. I. Pokrovskii. Vest. Vozd. Fl. no.4:59-62 Ap '61.

Speech of N. M. Sisakian. Vest. Vozd. Fl. no.4:36-39 Ap '61.

Speech of V. V. Parin. Vest. Vozd. Fl. no.4:39-40 Ap '61.

SPACE SCIENCES

Alluring prospects. A. A. Grigor'ev. Priroda 50 no.8, 15 Ag '61.

At speeds close to the speed of light... I. Dvorak, P. Isakov Nauka i zhizn' 28 no.6:13-15 Je '61

On the wings of intelligence. A. Dorodnitsyn. Vest. Vozd. Fl. no.4:55-56 Ap '61.

SPACE TRAJECTORIES

Trajectories of space ships. I. A. Merkulova. Tekh. mol. 29 no.6:20-22 '61.

SPACE VEHICLES—PROPULSION SYSTEMS

Chemistry and space flight [A. M. Pausikin. Priroda 50 no.8:16-20 Ag '61.

SPACES, GENERALIZED

Analog of one theorem of Loran Schwartz. G. E. Shilov. Izv. vys. ucheb. zav.; mat. no.4:137-147 '61.

Certain families of extensions of a symmetric operator A. V. Shtraus. Dokl. AN SSSR 139 no.2:316-319 Jl '61.

Infinite-dimensional spaces. B. Levshenko. Dokl. AN SSSR 139 no.2:286-289 Jl '61.

Isometric imbedding of a two-dimensional Riemann manifold homeomorphous to a sphere into a three-dimensional Riemann space. A. V. Pogorelov. Dokl. AN SSSR 139 no.4:818-820 Ag '61.

Laplace transform in a space of straight lines. N. V. Stepanov. Izv. vys. ucheb. zav.; mat. no.3:127-135 '61

Majorant equations. A. E. Gel'man. Dokl. AN SSSR 139 no.2:283-285 Jl '61.

SPACES, GENERALIZED (Continued)

Regular full-projection linear elements in spaces having a general bilinear Hermitian metric I S Iokhvidov Dokl AN SSSR 139 no 1 781-784 Ag '61

Some properties of potential-type operators and their applications. V. P. Glushko Izv. vys. ucheb. zav., mat no. 3:3-14 '61

Volterra operators with an imaginary component of any class I. TS. Gokhberg, M G. Krein Dokl AN SSSR 139 no 1 779-782 Ag '61

SPACESHIPS

Perel'man, R.G. [Spaceships] Zvezdnye korabli. Moskva, Izd-vo "Sovetskaia Rossia," 1961. 61 p.

SPAIN—CIVIL WAR, 1936-1939

Spain, Spain! Roman Karmen Ogonek 39 no 2913-14 Jl '61

"Spanish proletariat in the national revolutionary war of 1936-1937" by K. L. Maidanik. Reviewed by K. Kholodkovskii. Mir. ekon. i mezhdunar. otn no. 8 155-157 Ag '61.

Theory of V(k) Riemann spaces. G I Kruchkovich. Sib mat zhur 2 no 3,100-413 My-Je '61

SPAIN—CIVIL WAR, 1936-1939—FOREIGN PARTICIPATION

Leggo, Luigi. [International brigades in Spain] International'nye brigady v Ispanii. Moskva, Voen. izd-va M-va obr. SSSR, 1960 382 p. (VIU)

SPAIN—COLONIES

Last Spanish colonies. V Sergeev. Aziia i Afrika segodnia no 7 59 Jl '61

SPAIN—LABOR AND LABORING CLASSES

"Spanish proletariat in the national revolutionary war of 1936-1937" by K. L. Maidanik. Reviewed by K. Kholodkovskii. Mir. ekon. i mezhdunar. otn. no. 8 155-157 Ag '61.

The working class is the progressive force in the struggle against Franco's regime. D. Pretel'. Mir. ekon. i mezhdunar. otn. no. 7.123-127 Jl '61.

SPAIN—POLITICAL PRISONERS

Prisons of Franco Spain. Perez Julio Vsem prof. dvizh no 7 39-41 Jl '61.

What is going on in Spain. Cipriano Santamaria. Nov. vrem. 19 no. 33 18 Ag '61.

SPAIN—POLITICS AND GOVERNMENT

And they call it "the free world!" IU. Belenko. Sov. deput. trud. no. 8:108-112 Ag '61.

The working class is the progressive force in the struggle against Franco's regime. D. Pretel'. Mir. ekon. i mezhdunar. otn. no. 7.123-127 Jl '61.

SPAIN—SOCIAL CONDITIONS

Hopes and sufferings of Spain. Pierre Gamarra Ogonek 39 no 27,25-27 Jl '61

SPANISH AMERICA see Latin America

SPARK, ELECTRIC see Electric spark

SPARK-EROSION MACHINING see Electric metal cutting

SPARROWS

They didn't abandon their nestling. I. Bezruchko Ukraina no. 15:12 Ag '61.

SPARROWS AS CARRIERS OF DISEASE

Field and house sparrows as carriers of ticks and mites in Turkmenistan. Report No. 2 [with summary in English] I. L. Semashko. Zool. zhur 40 no. 7,1070-1078 Jl '61

SPASMS

Phenomenon of lock spasm in wounds of the hand. B. A. Matveev Voen. -med. zhur no. 3 72 Mr '61

Spasms in children. M. A. Uspenskaia. Zdorov'e 7 no. 6,31 Je '61.

SPECIFIC HEAT see Heat capacity

SPECTROCHEMISTRY

Determination of metal impurities in silicon tetrachloride and silicon dioxide by the spectrochemical method. *IU. M Martynov and others.* Zav. lab. 27 no 7 819-812 '61

Spectrum absorption methods of analysis in the chemical industry, survey. A. I. Finkel'shtein. Zav. lab. 27 no. 8:923-950 '61.

SPECTROMETER

Vladimirskii, V. V., I. A. Radkevich, and V. V. Sokolovskii. [Neutron spectrometer with a mechanical beam chopper] Neitronnyi spektrometr s mekhanicheskim preryvatelem. Moskva, 1955. 32 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

SPECTROMETRY

Kurochkin, S.S., and V. V. Matveev, eds. [Apparatus for nuclear spectrometry; collection of scientific and technical articles] Apparatura dlia iadernoi spektrometrii; nauchno-tekhnicheskii sbornik. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhniki. No. 1. 1960. 131 p.

SPECTROPHOTOMETER

Recording the intensity of scattered light in a spectrophotometer (Operating experience with the IKS-14) B. V. Smirnov Zav. lab 27 no 7 827-840 '61

SPECTROPHOTOMETRY

Using electron-beam selectors in the spectrophotometric analysis of material evidence A. A. Efsman, IU. A. Malyshev Sov. krim. nauka i sluzh. sled no 13:3-14 '59

SPECTROSCOPE

Spectroscopic study of a toroidal discharge [with summary in English] V. G. Averin, M. A. Mazing, A. I. Pisanko Zhur. eksp. i teor. fiz. 41 no 1 42-48 Jl '61

SPECTRUM, ATOMIC

Determining the temperature of the positive column in argon from the Doppler width of the atomic line. K. S. Mustafin. Uch. zap. Tadzh. un. 18 103-110 '58.

Temperature effect on the hyperfine structure of gamma-radiation V. S. Shpinel', V. A. Briukhonov, N. N. Deliagin Zhur. eksp. i teor. i fiz. 40 no 5 1525-1527 My '61

Theory of screening in the case of a many-valley electronic energy spectrum N. V. Fomin. Fiz. tver. tela 3 no. 6 1884-1886 Je '61.

SPECTRUM, INFRARED

Infrared spectra of compounds contained in essential oils G. V. Pigulevskii, A. T. Ryskal'chuk Trudy Bot. inst. Ser. 5 no 8 310-325 '61.

Method of compressed samples in infrared spectroscopy A. A. Boldin, R. F. Vasil'ev Zav. lab 27 no 7 819-822 '61

Shape of the infrared absorption band and dielectric losses occurring in ionic crystals at superhigh frequencies. *V. S. Vinogradov* Fiz. tver. tela 3 no. 6 1723-1730 Je '61

Vacuum cell for studying infrared absorption spectra of solids in an atmosphere of different gases over a wide range of temperatures [with summary in English] N. N. Kavtiradze, V. I. Lygin, Zhur. fiz. khim. 34 no 2 462-463 F '60.

SPECTRUM, MOLECULAR

Thermodynamic functions of pyramidal molecules V. N. Khlebnikova, V. P. Morozov Ukr. khim. zhur 27 no 4 550-551 '61.

SPECTRUM ANALYSIS

Electron paramagnetic resonance spectra and the kinetics of accumulation of products formed during the radiolysis of frozen aqueous sodium nitrate solutions [with summary in English] V. A. Shnaptyi, IU. N. Molin Zhur. fiz. khim 35 no. 7 1465-1473 Jl '61.

Exchange of experience Zav. lab 27 no 7:866 '61

Exchange of experience Zav. lab 27 no 7:917 '61.

Ivanova, T. F., M. E. Trentovius, and V. V. Fedorov. [Industrial apparatus for the determination of hydrogen in metals by the spectral-isotopic method] Zavodskoi variant ustanovki dlia opredeleniia vodoroda v metallakh spektral'no-izotopnym metodom. Leningrad, 1961. 18 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Kontrol' kachestva produktsii, no. 2)

Laboratory device for briquetting powder samples E. G. Dashevskaia Zav. lab 27 no 7 916-917 '61

Metrological evaluation during the detection of small concentrations by emission spectral analysis. V. V. Nalimov, V. V. Nedler, N. P. Men'shova Zav. lab 27 no 7 861-865 '61

Modified method of quantitative spectral analysis N. A. Savinskii. Zav. lab. 27 no 8 1003-1008 '61

Normal and lognormal distribution of an accidental error in the quantitative spectral analysis [with summary in English] V. S. Urusov Zhur. anal. khim 16 no 4 496-497 Jl-Ag '61

Using the spectrographic method to determine a series of trace elements in sea water. T. K. Zhavoronkina *Trudy MGI 19 38-41 '60.*

SPECTRUM ANALYSIS—BIBLIOGRAPHY see Bibliography—Spectrum analysis

SPEECH

Ozerova, N. V., F. E. Rotlenberg, and S. A. Smirnova. [Textbook on developing speech skills] Posobie po razvitiiu navykov ustnoi rechi. Moskva, Izd-vo lit-ry na inostr. iazykakh, 1960. 160 p. (NNC)

SPHALERITE

Combined resonance of band electrons in crystals with a sphalerite lattice. E. I. Rashba, V. I. Sheka. Fiz. tver. tela 3 no. 6:1735-1748 Je '61.

SPHENOPSIDA see subdivision under Mointy

SPHERICAL ASTRONOMY see Astronomy, Spherical and practical

SPICES

Use of laurel-leaf extract. T. Chirkina. Mias. ind. SSSR 32 no. 1:47-48 '61.

Use of spice extracts in the sausage industry. L. Bushkova, V. Chiriatnikov. Mias. ind. SSSR 31 no. 4:23 '60.

SPILLWAYS

(see also subdivision under Channels)

Calculation of end structures in the afterbay of spillway dams. S. S. Pavlovskii. Trudy Nauch.-issl. sekt. Mosk. fil. Inst "Orgenergostroi" no. 3 83-117 '59.

Dissipating energy below shaft spillways by directing flows against each other S. A. Mokhov. Sbor. trud. MISI no. 32 97-105 '61

Pulsation studies and design of pre-cast reinforced concrete linings in the tail-race channel of hollow governors N. N. Pashkov Sbor. trud MISI no. 32 105-112 '61

SPINAL CORD

Effect of dose fractionation on the unconditioned reflex activity of the spinal cord of rabbits in total-body X-irradiation M. A. Kuznetsova Radiobiologiia 1 no 1:58-61 '61

Effect of potassium and calcium ions on the electrotonic potentials of spinal roots [with summary in English]. I. M. Mamonets', Fiziol. zhur. [Ukr.] 7 no 4 490-498 Jl-Ag '61

Morphological changes in the central nervous system of dogs during the initial stages of chronic radiation sickness A. G. Khanin Radiobiologiia 1 no 2:227-242 '61

Respiratory reactions following unilateral section of the spinal cord [with summary in English]. B. IA. Peskov. Fiziol. zhur. 46 no. 3 269-276 Mr '60.

Rhythmical background activity of individual neurons of the spinal cord [with summary in English] P. G. Kostiuk, I. P. Sementsitin Biofizika 6 no 4 440 458 '61.

SPINAL CORD—TUMORS

Akhundov, S. G. [Clinical aspects, diagnosis, and treatment of tumors of the spinal cord and spine] Klinika, diagnostika i lechenie opukholei spinnogo mozga i pozvonochnika. Stalinabad, 1960. 115 p. (Stalinabad. Gosudarstvennyi meditsinskii institut. Trudy, vol. 43)

Some remarks on the article "Cholesteatomas of the cauda equina of the spinal cord following tuberculous meningitis in children treated with endolumbar streptomycin." N. A. Popov. Zhur. nevr. i psikh. 61 no 1 637-638 '61.

SPINE—ABNORMITIES AND DEFORMITIES

Anomalies of development of the skeleton in aviators. P. N. Ivanov, A. P. Ransunov, S. I. Sozinov. Voen.-med. zhur. no. 3 60-62 Mr '61.

Pod"iapol'skaia, A. A., and A. V. Uvarova. [Treatment and prevention of deformations of the spine in children] Opyt lechenia i profilaktiki deformatsii pozvonochnika u detei. Moskva, Medgiz, 1960. 154 p. (DNLM)

SPINE—DISEASES

Problem of brucellous inflammations of spinal ligaments. I. I. Shushkovskii. Vest. rent. i rad. 36 no. 3 66-67 My-Je '61.

SPINE—TUMORS

Akhundov, S. G. [Clinical aspects, diagnosis, and treatment of tumors of the spinal cord and spine] Klinika, diagnostika i lechenie opukholei spinnogo mozga i pozvonochnika. Stalinabad, 1960. 115 p. (Stalinabad. Gosudarstvennyi meditsinskii institut. Trudy, vol. 43)

SPINE—WOUNDS AND INJURIES

The beating of a soldier's heart. S. Lykhne. Blok. agit. no. 20 32-36 Jl '61.

SPINEL

Chemical analysis of spinels V. A. Moleva. Trudy IGEM no. 64. Metod. khim. anal. min. no. 1:78-85 '61.

SPINNING

Distribution of stresses among the constituent elements of a twisted yarn under load. L. Sh. Glikmann. Izv. vys. ucheb. zav.; tekh. tekst. prom no. 3:13-22 '61

Multiple balloon. IU. V. IAkubovskii. Izv. vys. ucheb. zav.; tekh. tekst. prom. no. 3:39-49 '61.

SPINNING MACHINERY

Concerning N. P. Isakov's article "Theory of thread tension." N. A. Neronov. Izv. vys. *uchab. zav.*; tekh. tekst. prom. no. 3:93-95 '61.

Design of the interchangeable reeling gear on spinning machines. R. A. Kruchinina. Izv. vys. ucheb. zav.; tekh. tekst. prom. no. 3,57-63 '61.

Fields of friction forces in the drawing mechanisms. P. V. Adyrov. Tekst. prom. 21 no. 4:19-23 Ap '61.

For further improvement of equipment and technology in *the spinning industry.* A. K. Kiselev. Izv. vys. ucheb. zav.; tekh. tekst. prom. no. 3:154-157 '61.

Gurliand, A. P. [The P-66-5M and PU-66-5M spinning machines] Priadil'nye mashiny P-66-5M i PU-66-5M. Pod red. A. S. Velikovskogo. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1960. 104 p. (Novoe otechestvennoe oborudovanie)

High number yarn made from a cotton and nylon blend. I. F. Trompeter Tekst. prom. 21 no. 4:17-19 Ap '61.

Use of cotton spinning equipment for the processing of cotton and "Lavsan" polyester fiber blends. Z. I. Birenbaum. Tekst. prom. 21 no 4:13-17 Ap '61.

SPINNING MACHINERY—ELECTRIC DRIVING

Characteristics of commutator-type "Shrage" electric motors driving ring spinning frames. B. V. Grinberg. Prom. energ. 16 no. 5 31-34 My '61.

SPINOR ANALYSIS

Nonlinear quantized spinor equation [with summary in English] D. S. Chernavskii. Zhur. eksp. i teor. fiz. 40 no. 5, 1360-1365 My '61.

Twisted space and nonlinear field equations [with summary in English] V. I. Rodichev. Zhur. eksp. i teor. fiz. 40 no. 5:1469-1472 My '61.

SPIRILLACEAE

Study of the heterotrophic properties of Spirilla growing in the form of layers on a Van Niel medium [with summary in English]. M. G. Vladimirova. Mikrobiologiia 29 no. 2 248-252 Mr-Ap '60.

SPLENIN

Effect of splenin on the relation between the activity of the connective tissue and nitrogen metabolism in rabbits with Brown-Pearce tumors [with summary in English] V. S. Lusenko. Fiziol. zhur. [Ukr.] 7 no. 4 545-552 Jl-Ag '61.

SPOONBILLS see subdivision under Astrakhan Preserve

SPORES (BOTANY)

Spores of true ferns of the subfamily Pteridae Diels in the flora of the U. S. S. R. Report No. 3. Series Pteridae - Adiantinae and Pteridae - Pteridinae. A. N. Sladkov. Nauch. dokl. vys. shkoly, biol. nauki no. 3 112-119 '61.

SPORTS

(see also subdivision under Moscow Province, Stalingrad, Tatar A.S.S.R.)

Spartakiada of theaters. Teatr. 22 no. 7:169 Jl '61.

Welcoming the all-Russian Spartakiada. B. Kononov. Prof.-tekh. obr. 18 no. 6 29 Je '61.

SPORTS—HYGIENIC ASPECTS

(see also subdivision under Tatar A.S.S.R.)

Conference on the medical control of sports in the Russian Federation. V. A. Ovchinnikova. Zdrav. Ros. Feder. 5 no. 7 44-46 Jl '61.

SPORTS—HYGIENIC ASPECTS—BIBLIOGRAPHY see Bibliography—Sports—Hygienic aspects

SPORTS—PHOTOGRAPHY see Photography of sports

SPRATS—PRESERVATION

Gakichko, S. I. [Refrigeration and storage of the sprat Clupeonella engrauliformis (Borodin) Kholodil'naia obrabotka i khranenie kaspiiskoi anchousovidnoi kil'ki, nauchnoe soobshchenie. Moskva, Gos. izd-vo torg. lit-ry, 1957. 22 p.

SPRAY PAINTING

Spray painting booth with a removable fabric curtain in the rear (from "Industrial Finishing," 37, no. 2, 1960). Der. prom. 10 no. 6 31 Je '61.

Three-head atomizer (from "Industrial Finishing," 36 no. 11, 1960). Der. prom. 10 no. 7:32 Jl '61.

Use of catalysts for applying varnish coatings (from "Forest Products Journal," no. 9, September, 1960) Der. prom. 10 no. 6 29-30 Je '61.

SPRAY PAINTING—EQUIPMENT AND SUPPLIES

Means of mechanized painting. Sel'. stroi. 16 no. 6:31 Je '61.

SPRAY PAINTING, ELECTROSTATIC

Painting furniture in the high-frequency electric field. A. V. Sukhova. Der. prom. 10 no. 6:15-17 Je '61.

SQUIRRELS

(see also subdivision under White Russia)

About our squirrels. A. Bass. Doshk. vykh. 22 no. 7 36 Jl '61.

SRETENSK DISTRICT—INSURANCE, SOCIAL

Versatile activities of the district division of social security. V. Demidova. Sots. obesp. 22 no. 8 14-15 Ag '61.

STABILITY

Critical case of a pair of purely imaginary roots for systems involving an aftereffect. S. N. Shimanov. Sib. mat. zhur. 2 no. 3:467-480 My-Je '61.

STABILITY OF SHIPS

Ship roll stabilization by vertical fins. A. N. Kholodilin. Trudy LKI no. 29 127-132 '59.

STAINLESS STEEL see Steel, Stainless

STAINS AND STAINING (MICROSCOPY)

Surface staining of larch veneer. V. F. Fonkin, T. V. Mal'chuk. Der. prom. 10 no. 6 8 Je '61.

Use of phase contrast microscopy for observing spores in colored smears. M. IA. Korn, N. N. Solov'ev. Lab. delo 7 no. 6 51-52 Je '61.

STALINABAD REGION—FERULA

Structure of "kokanikin" and umbelliprenin, constituents of the neutral part of resin obtained from Ferula kokanica Rgl. et Schmalh. N. P. Kir'ialov. Trudy Bot. inst. Ser. 5 no. 8 7-14 '61.

STALINGRAD—DESCRIPTION

"It is so good to live!" Valeriia Gordeeva. Smena 38 no. 12 5-8 Je '61.

STALINGRAD—FLOORS, CONCRETE

Flooring materials based on cement dust. A. V. Piskareva, L. M. Gracheva. Stroi. mat. 7 no. 6, 29 Je '61.

STALINGRAD—FORGING

Metal forgers. V. Frolov. Smena 38 no. 15-16-18 Ag '61.

STALINGRAD—LIFESAVING STATIONS

Friendly group. M. Igoshin. Voen. znan. 37 no. 8:27 Ag '61.

STALINGRAD—MALPRACTICE

Life is in your hands. Vera. Tkachenko. Sov. profzoiuzy 17 no. 16 14-45 Ag '61.

STALINGRAD—PILING (CIVIL ENGINEERING)

Pile foundations are improving. IA. Shavriukov, L. Kolomeitsev. Na stroi. Ros. no. 6:17-19 Je '61.

STALINGRAD—PLASTERING

F. Miakie's apparatus. A. Gribanov. Stroitel' no. 6 10 Je '61.

STALINGRAD—SPORTS

In the evening after work. Smena 38 no. 15-16-19 Ag '61.

STALINGRAD—TRACTOR INDUSTRY

At the Stalingrad Tractor Plant. S. Averi'anov, I. Kats. Sel'. mekh. no. 7:8-9 '61.

Communist Youth League rings the alarm. Smena 38 no. 15, 12-13 Ag '61.

Organizing intrafactory transportation on hourly schedule and along fixed routes. V. M. Pronin, K. G. Stepanov. Trakt. i sel'khozmash. 31 no. 2:36-37 F '61.

Our ranks are growing. E. Chernitsa. Smena 38 no. 15:9 Ag '61.

Struggle in the workshops. T. Batovskaia. Smena 38 no. 15:7-9 Ag '61.

TRACTORS—TECHNOLOGICAL IN-

ent deeds. A. Ushakov. Smena 38

OF, 1942-1943

y of the Battle of Stalingrad
from defense and retreat to a
Volga" by A. M. Samsonov. Re-
). Voen. ist. zhur. 3 no. 4:92-95

he sky at Stalingrad. P. I. Grekh-
zd. obor. no. 4:73-78 Ap '61.

ECTRIC POWER STATION

nd A. IA. Kuznetsov. [Practices
the Stalingrad Hydroelectric
ia stroitel'stva Stalingradskoi
ergostroi, 1960. 57 p. (Iz
go stroitel'stva)
[MICROFILM]

V. Kostin. Sov. voin. 43 no. 16:

ic model for studying high-speed
s a means for increasing the sta-
r transmission between the Sta-
Power Station and Moscow. IU. D.
k. Izv. NIIPT no. 6:270-276 '60.

STALINGRAD PROVINCE—CONSTRUCTION WORKERS

They are in the front row. I. Tunkel', V. Polyvin. Sots. obesp. 39 no. 30:16 Jl '61.

STALINGRAD PROVINCE—FARM MECHANIZATION—STUDY AND TEACHING

Contribution to the national task. G. Dalkin. Prof.-tekh. obr. 18 no. 7:16-17 Jl '61.

STALINGRAD PROVINCE—GEOLOGY, STRATIGRAPHIC

Famennian deposits in Stalingrad Province. V. I. [illegible] chenko. Dokl. AN SSSR 139 no. 4 956-958 Ag '61.

Lower Triassic of Stalingrad Province. A. V. Sush. Trudy VNIGNI no. 29 vol. 1 137-141 '60.

STALINGRAD PROVINCE—INSURANCE, SOCIAL—AUDITING AND INSPECTION

Check in order to help. A. Nozarov. Sots. obesp. 22 no. 7:13-16 Jl '61.

STALINGRAD PROVINCE—PENSIONS

When will unnecessary bureaucracy stop? P. Petrov, IU. Melios, V. Kashirina. Sots. obesp. 22 no. 8 14-15 Jl '61.

STALINGRAD PROVINCE—SOCIAL SCIENCES—STUDY AND TEACHING

Let's develop the creative activity of political [illegible] instructors. I. Voronova. Prof.-tekh. ob. 18 no. 6 26-27 Jl '61.

STALINGRAD PROVINCE—SUSLIKS

Interrelationships of the lesser and mottled suslikis (Citellus pygmaeus and C. suslica) at the boundary between their ranges [with summary in English]. V. I. Denisov. Zool. zhur. 40 no. 7:1078-1085 Jl '61.

STALINO PROVINCE—BAKERIES AND BAKERIES—EQUIPMENT AND SUPPLIES

Technical progress in bakeries of Stalino Province. I. F. Prokhorenko. Khleb. i kond. prom. 5 no. 3 27-28 Jl '61.

STALINO PROVINCE—BOARDING SCHOOLS

Guiding power of the pedagogical staff in boarding schools. Z. D. Illiashenko. Rad. shk. 40 no. 5 1 5 My '61.

STALINO PROVINCE—ECONOMIC CONDITIONS

[Typical day; book of materials on one day of the seven-year plan in Stalino Province] Obychnyi den' [kniga materialov ob odnom dne semiletki v Stalinskoi oblasti. Stalino, knizhnoe izd-vo, 1960.] 180 p.
(MII)

STALINO PROVINCE—EDUCATION, PRESCHOOL

Eleventh province wide pedagogical lecture on [illegible] nomarmeyskoye. V. Mikhailova. Doshk. vykh. 22 [illegible] 46-47 Jl '61.

STALINO PROVINCE—MACHINERY INDUSTRY—PRODUCTION STANDARDS

In the Stalino Economic Region. A. N. Makarov. Mashinostroitel' no. 8:16-17 Ag '61.

STALINO PROVINCE—MANUAL TRAINING

Preparing students for the choice of their vocation. I. S. Ponomarenko. Rad. shk. 40 no. 8 45-48 5 '61.

STALINOGORSK—CHEMICAL INDUSTRIES—MEDICAL CARE

Barskii, I. P. [Work of the polyclinic of the Stalinogorsk Chemical Combine] Opyt raboty poliklinika Stalinogorskogo khimicheskogo kombinata. Moskva, Medgiz, 1960. 104 p.
(DLC)

STALINOGORSK—CONSTRUCTION INDUSTRY

Improper methods of a reorganization. A. Razilkov. Sov. deput. trud. no. 8:61-62 Ag '61.

STALINSK—CITY PLANNING

Planning and building Stalinsk. P. Oturin. Sov. arkhit. no. 12:75-83 '60.

STALINSK—PRESTRESSED CONCRETE

Controlling stresses during the creation of prestressing in steel elements. IU. V. Gaidarov, E. A. Kvasnitskii, A. V. Kuznetsov. Prom. stroi. 39 no. 7, 40-43 '61.

STAMMERING

Concerning V. A. Gilliarovskii's work, "Problem of the genesis of stammering in children and its role in the general development of the personality and its treatment," N. A. Vlasova, V. S. Kochergina. Zhur. nevr. i psikh. 61 no. 5:767-768 '61.

STANDARDIZATION

Recommendation of the International Standardization Organization. Standartizatsiia 25 no. 6:57-59 Ag '61.

Sessions of the technical committees of the International Standardization Organization. K. D. Nikonov. Standartizatsiia 25 no. 8:56-57 Ag '61.

STANDARDIZATION—BIBLIOGRAPHY see Bibliography—Standardization

STANDARDS, ENGINEERING

Cease the intolerably frequent changes in state standards and instructions G Akhenshtein Prom. stroi. 39 no 5 62-63 '61

Changes in government standards Biul. stroi. tekh. 18 no. 6:17-22 Je '61

Collected state standards Standartizatsiia 25 no 8:61 Ag '61

Draft-standard recommendations of the International Standardization Organization Standartizatsiia 25 no 8 59 Ag '61

Establishing norms for operation in completion construction. IU. I. Khrakovskii. Transp stroi 11 no 7:34-36 Jl '61.

In the Office of State Construction of the S. S. S. R. Biul. stroi. tekh. 18 no 6 27 Je '61.

Inspecting the introduction and maintenance of standards. I I Kogan Standartizatsiia 25 no 8:38-13 Ag '61

List of standards and instructions on construction approved by the Office of State Construction in January - March, 1961 Biul. stroi tekh. 18 no 6:44-45 Je '61

List of standards and instructions on construction revoked by the Office of State Construction in January-March, 1961. Biul stroi tekh. 18 no 6:46-17 Je '61.

List of state standards approved in October-December, 1960 and January-March 1961 Biul stroi. tekh 18 no. 6:41-44 Je '61.

New translations of foreign standards. Biul stroi tekh. 18 no. 6:39-40 Je '61.

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [List of current state standards for the basic materials, articles, equipment, and machines used in construction] Perechen' deistvuiushchikh gosudarstvennykh standartov na osnovnye materialy, izdeliia, oborudovanie i mashiny, primeniaemye v stroitel'stve. Po sostoianiiu na 1 marta 1961 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 69 p.

STANDARDS, MILITARY

And who was this hero? M Bondarenko Ukraina no 15 8 Ag '61

STANIUKOVICH, KONSTANTIN MIKHAILOVICH, 1843-1903

Petrushkov, V. S. [K. M. Staniukovich, journalist] K. M. Staniukovich, zhurnalist. Stalinabad, Tadzhikskii gos. univ., 1960. 191 p. (MIi)

STAPHYLOCOCCAL DISEASE

Distribution of penicillin in the rabbit organism under conditions of experimental staphylococcal intoxication [with summary in English]. E. A. Rudzit Antibiotiki 6 no. 5 422-427 My '61.

Use of secasine in experimental coccal infections [with summary in English]. N. A. Ovcretskovskii. Antibiotiki 6 no. 5 409-412 My '61.

STAPHYLOCOCCUS

Biochemical changes associated with oxidation deficiency in staphylococci G. F. Gauze, G V Kochetkova, G B Vladimirova Dokl. AN SSSR 139 no. 1,223-226 Jl '61

Effectiveness of mycerin in neurosurgery; experimental investigation [with summary in English]. V. F. Inishenetskaia. Antibiotiki 6 no. 5,446-449 My '61.

Method of determining the viability of micro-organisms in experimental aerosols O P. Synel'nykova. Mikrobiol. zhur 23 no. 2,45-49 '61.

STARAYA RUSSIA—HOUSING MANAGEMENT

A complaint was lodged with the housing administration .. V. Penzin. Zhil.-kom khoz 11 no 5.29 My '61.

STARCH

Shul'man, M. S. [Mechanical formation of starch sizes] Mekhanicheskaia kleisterizatsiia krakhmala. Moskva, Pishchepromizdat, 1961. 148 p. (Moscow. TSentral'nyi nauchno-issledovatel'skii institut spirtovoi i likero-vodochnoi promyshlennosti. Trudy, no. 10)

Studying the effect of gamma rays on the destruction of starch molecules. V. F. Oreshko, K A. Korotchenko Ivz. vys. ucheb. zav., pishch. tekh. no. 2;17-21 '60

STARCH INDUSTRY—EQUIPMENT AND SUPPLIES (see also subdivision under Latvia)

Using the experience of related industries F. A. Demchinskii. Sakh. prom. 35 no. 7:70-72 Jl '61.

STARLINGS

(see also subdivision under Azov-Sivash Preserve)

Observations on starlings. I. V. Zykov. Biol. v shkole no 3:84-85 My-Je '61.

STARO-MINSKIY DISTRICT—MEDICAL CARE

Rural physicians for field workers. A. S. Khachik'ian. Zdrav. Ros. Feder. 5 no. 7:29-31 Jl '61

STARS

Billions of billions. B. Voronisov-Vel'iaminov. Starsh.-serzh. no. 2:28 F '61.

STARS—CLUSTERS

Designation of star clusters. M. M. Dagaev. Biul. VAGO no 29 23-25 '61.

STARS, NEW

Supernova in NGC 1382 Astron. tsir no 218 3 F '61

STARS, VARIABLE

Minima of RU Monocerotis D. IA. Martynov. Astron tsir no 216 11-15 F '61

Nine RR Lyrae-type variables E A Satanova Astron tsir no 218 9-11 F '61

RU and RX Canum Venaticorum. E. A Satanova Astron tsir no 218 7-9 F '61.

Two statistical dependences of the Blazhko effect. I. N Latyshev Astron tsir no. 218 11-13 F '61

STARYTS'KYI, MYKHAILO, 1840-1904—BIBLIOGRAPHY see Bibliography—Starytskyi, Mykhailo, 1840-1904

STARYY SALTOV DISTRICT—GLIDING AND SOARING

Glider pilots from the village of Nepokrytoye. Kryl. rod 12 no. 4 21 Ap '61.

STATE FARMS

(see also subdivision under Fedorovka District; Groznyy District, Kaliningrad District, Khakass Autonomous Province)

Achieve new goals. S. Vetrov. Sov. profsoiuzy 17 no. 13: 19-21 Jl '61.

Anisimov, N. I., and I. M. Pozamantir. [The seven-year plan of state farm in the virgin lands, an economic sketch] Semiletka tselinnogo sovkhoza; ekonomicheskii ocherk. Moskva, Sel'khozgiz, 1960. 102 p. (DS)

As the mind and heart dictate... I. Kashitskii. Sov. profsoiuzy 17 no. 13:17-18 Jl '61

Concern for the people is first and foremost. T. Eremeev. Sov. profsoiuzy 17 no. 13 13-15 Jl '61.

Military state farms strive to carry out the decisions of the January Plenum of the Central Committee of the C P S. U F. Saushin Tyl i snab Sov Voor. Sil 21 no 1 15-18 Ap '61

V. I. Lenin and state farm development during the first years of the Soviet regime, 1917-1925. V. N. Lavrent'ev Nauch. zap MFI no. 11 290-309 '56.

STATE FARMS—ACCOUNTING

Marinko, I. L., and V. M. Rabinovich. [Economic accountability and production costs on state farms] Khoziaistvennyi raschet i sebestoimost' produktsii v sovkhozakh. Moskva, Sel'khozgiz, 1960. 118 p. (MIi)

STATE FARMS—FINANCE

Control through the ruble and business accounting on state farms. V. Semenov. Fin SSSR 22 no. 3.28-35 Mr '61

STATE FARMS—MANAGEMENT

Participants at the Plenum of the Central Committee of the CPSU speak. Starsh.-serzh. no 2 2-3 F '61.

STATE INSTITUTIONS see Public institutions

STATES, NEW

(see also subdivision under Africa)

The collapse of colonialism and new trends in international relations S. Viskov Mezhdunar zhizn' 8 no 9: 12-21 S '61.

Transportation workers, monopolies and neocolonialism. S. Chatterjee Vsem. prof. dvizh no 7,9-13 Jl '61

STATIC FREQUENCY CHANGERS see Frequency multipliers

STATISTICS

"Handbook for an economist" by G. Z. Kuparadze. Reviewed by L. Bliakhman and others. Vest. stat no 7: 79-81 '61.

STATISTICS—BIBLIOGRAPHY see Bibliography—Statistics

STAVROPOL—REINFORCED CONCRETE CONSTRUCTION

Large industrial building made of precast reinforced concrete. G. P. Malkov, S. M. Gitnik. Prom stroi. 39 no. 6:31-36 '61

STAVROPOL TERRITORY—AGRICULTURE—EXPERIMENTATION

Experimental work of student brigades from the Stavropol Territory schools. A. V. Alekseev. Biol v shkole no. 4;39-43 Jl-Ag '61.

STAVROPOL TERRITORY—AGRICULTURE—STUDY AND TEACHING

Some questions concerning the work of student brigades. V. A. Aleksandrovskii. Sov. pedag. 25 no. 7 45-53 Jl '61

STAVROPOL TERRITORY—COLLECTIVE FARMS—ACCOUNTING

Chanov, G. I. [Economic accountability within the sections of collective farms in Stavropol Territory] Vnutrikhoziaistvenni raschet v kolkhozakh Stavropol'ia. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 21 p. (Reshenila ianvarskogo (1961 g.) Plenuma TsK KPSS - v zhizn'!) (DA)

STAVROPOL TERRITORY—GAS, NATURAL—GEOLOGY

Formation of the gas fields of Stavropol Territory in connection with the methodology of conducting surveys and efficient prospecting L. S Temin Trudy VNIGNI no 32:152-175 '60

Principal results of hydrogeological research in the Stavropol gas-bearing province, 1953-1959 V N. Kortsenshtein. Trudy VNIGNI no 32 122-151 '60

Problem of determining the coefficient of gas saturation as illustrated by the study of the Stavropol and other gas fields A A Khanin. Trudy VNIGNI no 32 176-193 '60

STAVROPOL TERRITORY—GRAIN

Effect of trace elements on grain yields and quality in different farm crops V. D. Rudin Nauch dokl vys shkol., biol nauki no 3-143-146 '61

STAVROPOL TERRITORY—MINERAL WATERS

Influence of saline-alkaline water from the Nagutskaia R-1 well on the main functions of the digestive organs A K Pislegin Vop kur., fizioter i lech fiz kul't 26 no 3 219-222 My-Je '61

STAVROPOL TERRITORY—PENSIONS

Toward new successes. I. Belousov. Sots. obesp. 22 no. 8,9-10 Ag '61.

STAVROPOL TERRITORY—PETROLEUM GEOLOGY

Results of geological prospecting for oil and gas in Stavropol Territory and the outlook for 1959-1965 K. A Belov. Trudy VNIGNI no 32 7-23 '60

STAVROPOL TERRITORY—ROCKS—PERMEABILITY

Problem of determining the coefficient of gas saturation as illustrated by the study of the Stavropol and other gas fields A. A. Khanin. Trudy VNIGNI no 32 176-193 '60.

STAVROPOL TERRITORY—RURAL LIBRARIES

The best in Stavropol M Kazimova Bibliotekar' no 7 11-14 Jl '61

STAVROPOL TERRITORY—WATER, UNDERGROUND

Principal results of hydrogeological research in the Stavropol gas-bearing province, 1953-1959 V N. Kortsenshtein Trudy VNIGNI no 32;122-151 '60

STAVROPOL TERRITORY—WOOL—GRADING

For high quality wool. F Trushov. Sov. potrob. koop. 5 no 6 14-15 Je '61

STEALING

We should try to prevent the acts of pilfering during the harvesting of grain G Degtiarev, G Vorob'ev Sov. iust no 14 23-21 Jl '61

STEAM

Method of testing materials for steam permeability and measures to insulate the outer enclosures against steam A U. Franchuk Shor. nauch rab. inst bud i arkhit. AN BSSR no 3 3-7 '60.

STEAM, HIGH-PRESSURE

Effect of high-pressure steam on the setting of various cements P I Bozhenov. Izv AS1A no 1,56-68 '61

STEAM, SUPERHEATED

Moistening clay with superheated steam. N A. Bocharov. Stroi. mat 7 no 6 28-29 Je '61

STEAM BOILERS see Boilers

STEAM ENGINES

Methods for controlling steam distribution in steam engines. G. I Mikhalin. Energetik 9 no 3:38 Mr '61

STEAM ENGINES—EFFICIENCIES

Theoretical comparison of the efficiency of steam engines and low-power steam turbines IU N Savenko Shor nauch. trud. Kuib indus inst no. 8:223-230 '59.

STEAM POWER PLANTS

Elizarov, P. P. [Operation of high-pressure boiler systems on electric power plants] Ekspluatatsiia kotel'nykh ustanovok vysokogo davleniia na elektrostantsiiakh. Moskva, Gos. energ. izd-vo, 1961. 399 p.

Methods for calculating the economic efficiency of a steam power plant I B Zhilinskii. Trudy MIKHM 16;141-145 '58.

New boiler with a 12 ton/hour productive capacity for 4000 kw electric power plants mounted on railroad cars N S Rassudov Energomashinostroenie 7 no 6 26, 46 Je '61

Use of small thermal power plants of low capacity. IU N. Savenko. Shor. nauch. trud. Kuib indus. inst. no. 8: 211-221 '59

STEAM TURBINES

Characteristics of turbine stages at different pitch angles of the guide blades I. I. Kirillov, R. M JAblonik. Energomashinostroenie 7 no 6:7-11 Je '61.

Expediency of placing in operation a reduction and cooling system. L. I. Eksel'rud. Energetik 9 no 3:26-29 Mr '61.

Modernization of a steam turbine. I. I. Pisarevskii, V. S. Golikov, M. M. Tver'e. Energetik 9 no 3:13-16 Mr '61.

STEAM TURBINES (Continued)

PVK-150 steam turbine built by the Kharkov turbine plant. L. A. Shubenko-Shubin, A. V. Lazarenko. Energomashinostroenie 7 no. 6 1-7 Je '61

Theoretical comparison of the efficiency of steam engines and low-power steam turbines. IU. N. Savenko. Sbor. nauch. trud. Kuib. indus. inst. no. 8 223-230 '59

Use of electric spark hardening to increase the erosion resistance of the steel of steam turbine blades. M. G. Timerbulatov, V. P. Syvukov. Energomashinostroenie 7 no. 4 32-34, 40 Ap '61

STEAM TURBINES—EFFICIENCIES

Effect of the number of revolutions of a turbine on steam consumption. I. A. Komarov. Sbor. nauch. trud. Kuib. indus. inst. no. 8 275-276 '59

STEARIC ACID

Decarboxylation of palmitic and stearic acids. IA. I. Serebrennikova, R. G. Makitra, M. V. Gevorkian. Ukr. khim. zhur. 27 no. 4 551-552 '61

STEEL

Experimental study of the electric and thermal conductivity of Kh18N9T (EIaIT) steel [with summary in English]. G. E. Ivanchikhin. Inzh.-fiz. zhur. 4 no. 6 128-131 Je '61

Using heat-resistant steels for molding forms. A. N. Afanas'ev, S. I. Andreev. Stek. i ker. 18 no. 7 39-40 Jl '61.

STEEL—ANALYSIS

Rapid determination of carbon in the production of bessemer steel. N. M. Prikhod'ko. Lit. proizv. no. 8 37 Ag '61

Thermoelectric method of determining carbon in carbon steels. P. D. Korzh. Zav. lab. 27 no. 8 996-998 '61

STEEL—BRITTLENESS

Analogy of the actions of raising the deformation rate and lowering the temperature in the transition of structural steels to the brittle state. V. A. Delle, A. V. Noskin. Izv. vys. ucheb. zav., fiz. no. 1 121-129 '61

Character of fracture as a criterion in the evaluation of brittleness. L. S. Lavshits, A. S. Rakhmanov. Zav. lab. 27 no. 7 899-903 '61

STEEL—CORROSION

Study of the corrosive properties of EI-847 and EI-651 steel in the presence of superheated steam. D. IA. Kagan, L. S. Zhuravlev. Elek. sta. 32 no. 4 33-34 Ap '61

STEEL—ELECTROMETALLURGY

Oxygen removal in the process of vacuum remelting of special steels in electric arc furnaces. G. N. Oborovov, A. IU. Poliakov, A. M. Samarin. Izv. AN SSSR. Otd. tekh. nauk, Met. i topl. no. 3,3-9 My-Je '61

STEEL—FATIGUE

Electron microscope investigation of fatigue fracture surfaces. M. A. Kotkis, D. A. Sveshnikov, V. K. Afanas'eva. Zav. lab. 27 no. 8 992 '61

Study of the fatigue resistance of 1X13 steel subject to variable bending with static stretching. G. S. Pisarenko and others. Energomashinostroenie 7 no. 4 29-31 Ap '61.

STEEL—HARDENING

Baiter, M. A., and V. I. Muzhikova. [Bright annealing of steel articles in hot alkaline media] Svetlaia zakalka stal'nykh izdelii v goriachikh shchelochnykh sredakh. Leningrad, 1961. 20 p. (*Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom.* Serita: Metallovedenie i termicheskaia obrabotka, no. 37)

Use of electric spark hardening to increase the erosion resistance of the steel of steam turbine blades. M. G. Timberbulatov, V. P. Syvukov. Energomashinostroenie 7 no. 4 32-34, 40 Ap '61.

STEEL—HEAT TREATMENT

Improving heat-treatment processes of SK steel sheets. D. G. Akul'shin. Sbor. rats. predl. vnedr. v proizv. no. 2; 39 '61

Method of determining the susceptibility of low carbon steels to thermal treatment. L. I. Gladshtein. Zav. lab. 27 no. 8 980-983 '61

Viaznikov, N. F. [Thermal treatment of steel] Termicheskaia obrabotka stalii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 343 p.

Volume changes of the carbide phase in tempering. B. A. Apaev, M. A. Kotkis. Izv. vys. ucheb. zav., fiz. no. 1, 150-158 '61.

STEEL—METALLOGRAPHY

Distribution of carbon and silicon between phases during the isothermal transformation of 60S2 steel. L. P. Ivanova, A. G. Seleznev. Trudy KhPI 21 Ser. met. no. 4; 23-29 '59.

Isothermal transformation of 37KhS steel. L. P. Ivanova, E. G. Malyshevskaia. Trudy KhPI 21 Ser. met. no. 4; 31-36 '59.

Mechanism of the formation of fatigue cracks in metals. V. S. Ivanova. Izv. AN SSSR. Otd. tekh. nauk, Met. i topl. no. 3;77-81 My-Je '61.

Methods of the cathodic exposure of the microstructure of high alloy steels in an electrolyte. V. I. Shevchenko, E. N. Alpatov. Zav. lab. 27 no. 8;993-995 '61.

STEEL—METALLURGY

Because the place of the blast box was changed . . I. Zaparin. Tekh. mol. 29 no. 6 9 '61

STEEL—SPECTRA

Leningradskii dom nauchno-tekhnicheskoi propagandy. [Spectral analysis of steel using a low-voltage spark, from practices of the spectral laboratory at the Sestroretsk Instrument Plant] Spektral'nyi analiz stali s primeneniem nizkovol'tnoi iskry, iz opyta spektral'noi laboratorii Sestroretskogo instrumental'nogo zavoda imeni Voskova. Leningrad, 1954. 7 p. (Informatsionno-tekhnicheskii listok, no. 32(605))

STEEL—TESTING

Exchange of experience. Zav. lab. 27 no. 7 917 '61

Experimental investigation of inner energy dissipation by the dynamic hysteresis loop method. J. Vodsedalek, N. N. Davidenkov. Zav. lab. 27 no. 8 1031-1035 '61

Method of intersecting planes in the study of deformation distribution in the EI726 steels. M. P. Braun, L. D. Tikhonovskaia. Zav. lab. 27 no. 8 984-986 '61

Methods for determining the hardness penetration of low hardenability steels. M. F. Blanter and others. Zav. lab. 27 no. 8 976-980 '61.

Scale of fractures of high-speed steel. A. P. Gulliaev, R. P. Leshchinskaia. Zav. lab. 27 no. 8 991 '61.

X-ray diffraction study of brand U10A steel subjected to mechanical wear. N. A. Izmanalieva. Izv. AN Kir. SSR. Ser. est. i tekh. nauk. 3 no. 1,91-96 '61

X-ray diffraction study of distortions of the crystalline structure of steel induced by friction. N. A. Izmanalieva, IU. S. Terminasov. Izv. AN Kir. SSR. Ser. est. i tekh. nauk. 3 no. 1;77-81 '61

X-ray diffraction study of wear in medium-carbon steel. A. Alybakov. Izv. AN Kir. SSR. Ser. est. i tekh. nauk. 3 no. 1,101-105 '61

STEEL—WELDING

Corrosion resistance of welding equipment in petroleum refining. E. M. Kuzmak, N. N. Koshelev. Khim. i tekh. topl. i masel. 6 no. 6,41-47 Je '61.

Frumin, S. R., R. L. Blokh, and V. V. Blogovoshchenskaia. [*Ceramic fluxes for* automatic and semiautomatic welding of low-carbon steel] Keramicheskie flusy dlia avtomaticheskoi i poluavtomaticheskoi svarki nizkouglerodistoi stali. Leningrad, 1961. 23 p. (*Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom.* Serita: Svarka i paika metallov, no. 4)

Some characteristics of the electron-beam welding of austenite steels and alloys. B. I. Medovar and others. Avtom. svar. 14 no. 7 79-81 Jl '61

Tendency of welded joints in austenite steels toward local rupture under the effect of high temperatures. V. N. Zemzin, A. V. Stanikovich. Avtom. svar. 14 no. 7 46-53 Jl '61.

Welding aluminum and its alloys with steel. G. A. Bel'chuk, D. IA. Gluskin, N. A. Fedorov. Trudy LKI no. 29 257 '59.

STEEL, HEAT RESISTANT

Manganese heat resistant high-strength steel for railroad structures. L. G. Achkasov. Vest. TSNII MPS 20 no. 4,43-47 '61

STEEL, STAINLESS

Influence of bacteria on the electrode potential of stainless steels in sea water [with summary in English]. I. B. Ulanovskii, L. A. Rozenberg, IU. M. Kolotyrkin. Mikrobiologiia 29 no. 2,281-286 Mr-Ap '60

Rozenblium, S. G. [Decorative finishing of stainless steel in a gold color] Dekorativnaia otdelka nerzhaveiushchei stali v zolotistyi tsvet. *Leningrad, 1961.* 9 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serita: Zashchitnye pokrytiia metallov, no. 3)

STEEL, STAINLESS—ANALYSIS

TSuprun, L. I., and M. I. Tarylina. [Study of the behavior of stainless steel 1Kh18N9T in contact with liquid lead, bismuth, and their eutectic alloy at a temperature of 500—600° C] Issledovanie povedeniia nerzhaveiushchei stali 1Kh18N9T v kontakte s zhidkim svintsom, vismutom i ikh evtekticheskim splavom pri temperature 500–600° C. Moskva, 1955. 9 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

STEEL, STAINLESS—CORROSION

Mechanism involved in the onset and development of pitting corrosion on stainless steels. I. L. Rosenfel'd, I. S. Danilov. Dokl. AN SSSR 139 no. 2;414-417 Jl '61.

STEEL, STAINLESS—SPECTRA

Analysis of stainless steels by means of the ST-7 steelometer. A. V. Evko. Zav. lab. 27 no. 7 857-859 '61.

STEEL, STRUCTURAL

(see also subdivision under Ukraine)

Changes introduced into "Standards and technical specifications for designing steel elements". Biul. stroi. tekh. 18 no. 6;10-13 Je '61.

Economic effectiveness of using rolled metal products of high-strength steels in steel structural elements. V. I. Lab'enko, IU. V. Smirnagin. Trudy Ural. politekh. in-ta no. 110 57-67 '61

Gidon, E. D., and Z. I. Alisanova. [New 30KhNRA high-strength structural steel] Novaia vysokoprochnaia konstruktsionnaia stal' marki 30KhNRA. Leningrad, 1961. 17 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serita: Metallovedenie i termicheskaia obrabotka, no. 1)

High-strength low-alloy steel for building elements. I. I. Belianev, V. A. Baldin, P. I. Sokolovskii. Prom. str. i. 39 no. 5 26-29 '61

Ivanov, K. N., and M. A. Shalkhov. [New high-strength structural steel 36*KhNIMFA* with low nickel content] Novaia vysokoprochnaia konstruktsionnaia stal' 36KhNIMFA s nizkim soderzhaniem nikelia. Leningrad, 1961. 17 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serita: Metallovedenie i termicheskaia obrabotka, no. 1)

Selecting bent sections for combined bending and tension. G. G. Balovnev. Dokl. TSKhA no. 55,103-111 '60.

Steel elements for atomic reactor buildings. P. I. Kotlian. Mont. i spets. rab. v stroi. no. 6 1-4 Je '61

STEEL, STRUCTURAL—FATIGUE

Increasing the fatigue strength of SKhL-1 steel with stress concentrators, intended for the construction of ship hulls. E. V. Tovstykh. Trudy LKI no. 29 41-47 '59.

STEEL, STRUCTURAL—TESTING

Investigating the impact strength of some steel used in the manufacture of agricultural machinery. I. A. Silkin. Dokl. TSKhA no. 55 119-121 '60

Investigating thin-walled bent sections used in agricultural machinery. I. S. Sinitsyovskii. Dokl. TSKhA no. 55,93-102 '60.

STEEL ALLOYS—FATIGUE

Effect of testing temperature and chemical-corrosive coating on the fatigue limit of brand 20Kh steel. V. Imyanov. Izv. AN Kir. SSR. Ser. est. i tekh. nauk. 3 no. 1 97-100 '61

X-ray diffraction study of structural changes in pre-hardened brand 20Kh steel in fatigue tests. I. Mavlyutakunov, IU. S. Terminasov. Izv. AN Kir. SSR. Ser. est. i tekh. nauk. 3 no. 1;71-75 '61

X-ray diffraction study of the mechanism of fatigue in brand 35KhNM alloy steel. V. M. Baiko, IU. S. Terminasov. Izv. AN Kir. SSR. Ser. est. i tekh. nauk. 4 no. 1 69 '61.

STEEL ALLOYS—WELDING

Technology of electric slag welding of 30 to 70 mm. thickness 30 KhGSA steel. T. M. Shutenko, A. S. Iskra. Avtom. svar. 14 no. 7;65-70 Jl '61

STEEL CASTINGS

Bidulia, P. N. [Technology of steel casting] Tekhnologiia stal'nykh otlivok. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 352 p.

Solntsev, IU. P., M. F. Galkin, and V. A. Litvak. [Reducing metal consumption for risers of ingots and castings] Puti snizhenia raskhoda metalla na pribyli i chast' slitkov i otlivok. Leningrad, 1961. 21 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serita: Liteinoe proizvodstvo, no. 2)

Strugovshchikov, D. P. [Steel casting; textbook for the training of qualified production workers] Liteishchik stali; uchebnoe posobie dlia podgotovki kvalifitsirovannykh rabochikh na proizvodstve. Izd. 2, dop. i pererab. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1961. 176 p.

STEEL FORGINGS

Braun, M. P., and others. [Plastic deformation and heat treatment of large steel alloy parts] Plasticheskaia deformatsiia i teplovaia obrabotka krupnykh izdelii iz legirovannykh stalei. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 216 p.

STEEL INDUSTRY

(see also subdivision under Cherepovets; Kazakhstan; Novosibirsk; Ukraine)

Achievements of Soviet steelworkers. Blok. zhit. i. Armii no. 17;40-41 Je '61.

Samarin, A. M. [Using artificial radioactive isotopes for studying iron and steel production processes] Primenenie iskusstvenno-radioaktivnykh izotopov pri izuchenii protsessov proizvodstva stali i chuguna. Moskva, 1955. 20 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

STEEL INDUSTRY—EQUIPMENT AND SUPPLIES

Using lean and semifat foundry sands for the rammed lining of steel ladles. P. S. Rubinskii, B. V. Pudin, M. L. Bel'man. Ogneupory 26 no. 7,311-319 '61.

STEELWORKS

Kuzin, M. D. [Assembly and use of control and measuring instruments] Montazh i ekspluatatsiia kontrol'no-izmeritel'nykh priborov. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii Sverdlovskoe otd-nie, 1961. 256 p.

-COOLING

entilation water-cooling towers in winter
ov Sbor tats predl vnedr v proizv
61

-EQUIPMENT AND SUPPLIES see sub-
Lipetsk

FIMOVICH, 1892-1961

ituary Vop ist no 7 212 Jl '61

OPHILE ALLXANDRE, 1859-1923

phile Alexandre. Teofil'-Aleksandr
oskva, Gos izd-vo izobraz. iskus , 1960.
(Mastera mirovogo iskusstva)

LEKSANDRA IVANOVNA

work B P IAkovlev Med sestra 20
e '61

division under Transbaikalia)

The Russian steppes; sketches of a
pi russkie, ocherki naturalista.
60. 99 p.

RAPHY see Photography, Stereoscopic

RAPH

ph. I. V. Drobyshev. Trudy MIIGAIK
1.

e stereocomparator 1018 (No. 215073)
by the C Zeiss works (Jena) IU A
Trudy MIIGAIK no. 14,107-111 '61

LANTS

ale sterility and its practical utilization in
of interlinear corn hybrids A N Pal'ilova
AN BSSR no 5 121-129 '60

-COLUMNS

avy columns at a synthetic rubber plant
k L M Fel'dshtein Mont i spets rab
o 6,17-19 Je '61

-KILNS, ROTARY—MAINTENANCE AND

one of the body of kiln using a moveable
y B S Bragin. TSement 27 no 3:26

OLAI EWING, 1900-

personality. L. Rovinskii. Nov. vrem.
23 Ag '61.

ment of far advanced breast cancer [with
nglish]. H. Kołodziejska. Vop onk. 5
'59.

stilbestrol on weight gains in fine-wool
Litovchenko, Zh. G. Shmeling. Biul
nform. VIZH no 1,10-12 '60

CKBREEDING

of animals and breeding work. S.P.
ul. MOIP. Otd. biol. 66 no. 4 154-156 Jl-

for market production is an important
reasing the productivity of farm animals
k Visnyk sil'hosp nauky 1 no 8 73-80

22d Congress of the CPSU. S. Kramer.
oz. 21 no. 3-4-7 Ag '61.

3. [Incident on a livestock farm] Sluchai
kva, Gos. izd-vo med. lit-ry Medgiz,
bliotechka shkol'nika.

of livestock raising is an important factor
the new farm management system. I. P.
okl. i soob VNIESKH no 4 22-28 '58

ep V. Borodin Ogonek 30 no. 23:14

ding farm. V. A. Tumanian. Biol v
1 My-Je '61.

-ordinating Council of the Lenin All-Union
gricultural Sciences of stockbreeding
st. sel'khoz. nauki 6 no. 7:140-141 Jl

CKBREEDING—LABOR PRODUCTIVITY

mic incentive for improving stockbreeding.
s. Vop. ekon. no 7:63-71 Jl '61.

CKBREEDING—RESEARCH

e Section of the Biological Foundations of
of the Moscow Naturalists' Society in
OIP. Otd. biol. 66 no. 4:146 Jl-Ag '61.

CKBREEDING—STATISTICS

l analysis of tables illustrating livestock
Golovin, E. Urlev. Vest. stat. no 7:51-

STOCKHOLM—PEACE—CONGRESSES

A new Stockholm appeal. Mikhail Kotov. V zashch. mira no. 8:29-34 Ag '60

STOMACH

Influence of Isti-Su mineral water on the secretory and evacuatory-motor function of the stomach T. A. Mirzoev Vop kur., fizioter. i lech. fiz. kul't 26 no. 3 222-226 My-Je '61

STOMACH—CANCER

Angiomatosis of the lungs in combination with metastatic carcinomatosis [with summary in English] L. D. Rogova Vop onk. 5 no. 11 608-609 '59.

STOMACH—DISEASES

Diagnostic value of the neutral red test; abstract. N. I. Bodrov Voen.-med. zhur no 1 81 Ja '61.

Therapeutic effect of the preparation, alkorin in peptic ulcer and chronic gastritis [with summary in English] T. Tashev and others Vop pit 20 no 1 10-15 Jl-Ag '61

STOMACH—INFLAMMATION

Chronic gastritis with the reduced acidity of gastric juice and nonacid gastritis D. Abramovich Belarus' 18 no 7 29 Jl '61

STOMACH—RADIOGRAPHY

Device for double contrast in roentgenological examination of the stomach. L. S. Rozenshtraukh, L. D. Faitel'son. Vest. rent. i rad 36 no. 3 54-55 My-Je '61

STOMACH—SURGERY

Nicotinic acid metabolism in patients after total gastrectomy [with summary in English] I. P. Chunakova Vop pit 19 no. 2, 30-35 Mr-Ap '60

STOMATOLOGY see subdivision under Kaluga

STONE, CAST

Feasibility of using the andesites of the Kazbek volcanic area in stone casting and some features of their petrographic composition N. A. Polkvoi. Izv. vys. ucheb. zav., geol. i razv. 3 no. 6 38-44 Je '60

STONE, CRUSHED

Current standard plans for rock, sand, and gravel plants Biul. stroi. tekh. 18 no. 6:8-10 Je '61.

High title awarded to one group of workers IU. IA Kovalchuk Put' i put khoz 5 no 4:24-26 Ap '61

Obtaining and treating rock, gravel, and sand Shoitel' no 2 31 F '61

Standard plans for stone crushing plants. Gidr. stroi 31 no. 7:49 Jl '61.

STONE IMPLEMENTS see subdivision under Black Sea region; Shargorod District, Vinnitsa, North

STONY TUNGUSKA RIVER see Podkamennaya Tunguska

STORAGE BATTERIES

Kulikov, I. G. [Storage batteries] Akkumuliatory. Izd. 2., ispr. i dop. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 150 p.

Repair and maintenance of storage batteries. V. Barabanov, N. Mamukov. Tekh. v sel'khoz. 21 no. 8,75-79 Ag '61.

STORE FIXTURES

Selling fabrics with the help of an open display. B. Gurevich, A. Kravtsova, N. Strogov Sov. potrieb. koop 5 no. 6:42-45 Je '61.

STORES, RETAIL—AIR CONDITIONING

Gogolin, A. A. [Air conditioning in stores and restaurants; survey of foreign equipment] Konditsionirovanlie vozdukha v predpriiatiiakh torgovli i obshchestvennogo pitaniia; obzor zarubezhnoi tekhniki. Moskva, Gos. izd-vo torg. lit-ry, 1958. 97 p.

STORKS see subdivision under Bryansk Province, Bynlovezhskaia Pushcha; White Russia

STRAIN GAUGES

Strain measurement of frame structures. I. I. Siniuk, E. IA. Fiiatov. Trakt. i sel'khozmash. 31 no 2:27-28 F '61.

Tisenko, N. G. [Self compensating wire strain gauges for general use] Samokompensirovannye provolochnye tenzodatchiki obshchego naznacheniia. Leningrad, 1961. 43 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Kontrol' kachestva produktsii, no. 3)

STRAINS AND STRESSES

Asymptotic features of equations describing a large sag in a circular symmetrically loaded plate. L. S. Srubshchik, V. I. IUdovich. Dokl. AN SSSR 139 no. 2:341-344 Jl '61.

Calculating the distribution function for the relaxation constants from the dispersion of the real portion of the complex elasticity in elastic-viscous bodies. T. D. Shermergor. Izv. vys. ucheb. zav., fiz. no 1:77-83 '61

Calculation of internal stresses in electrolytic coatings from the curvature of a flat cathode [with summary in English]. A. T. Sanzharovskii Zhur. fiz. khim. 34 no. 2:466-469 F '60.

Conditions of the intersection of the lines of rupture stresses in flat plastic deformation G. V. Ivanov PMTF no. 1:73-74 N-D '60

Effect of the reserve of elastic energy on the value of a true resistance to fracture IU. S. Tomashko, I. V. Nazrotskii Zav. lab. 27 no 7 883-887 '61

Fundamental equations of the general theory of thin elastic shells under stress T. T. Khachatrian Prikl. mat. i mekh. 25 no 3 510-512 My-Je '61

Fundamental relations in the theory of thin shells V. M. Darevskii Prikl. mat. i mekh. 25 no 3 519-535 My-Je '61

Hypothesis on the proportionality of stress deviators under conditions of creep in the case of variable loads and constant main axes. V. S. Namestnikov PMTF no 2:212-214 M-O '60.

Long-term strength of metals. V. I. Likhtman, I. S. Briukhanova, I. A. Andreeva Dokl. AN SSSR 139 no 2 359-362 Jl '61

Prigorovskii, N. I., ed. [Stresses and deformations in machine parts and units] Napriazhenila i deformatsii v detaliakh i uzlakh mashin. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 563 p. [MICROFILM]

Study of rhombic steel models under complex loading requiring a turn in the chief axes of the stress tensor. V. I. Trofimov. Izv. vys. ucheb. zav.: stroi. i arkhit. 4 no. 2:23-30 '61.

Trajectories of cracks of brittle fracture as geodetic lines on the surface of bodies E. M. Morozov, IA B. Fridman Dokl. AN SSSR 139 no 1:87-90 Jl '61

STRATIGRAPHIC GEOLOGY see Geology, Stratigraphic

STRAW

Fibrous slabs made of straw. Z. S. Khomenko and others Stroi. mat. 7 no 7 14-15 Jl '61

Mechanized removal of straw and chaff. A. Ocheretinnyi, T. Mel'nikova. Tekh. v sel'khoz. 21 no. 8, 18-23 Ag '61.

Mechanized removing and stocking of straw A. Budko, A. Pereverzev. Tekh. v sel'khoz 21 no 7:27-30 Jl '61

STRAWBERRIES

Characteristics of stage development in strawberries. A. S. Kruzhilin, Z. M. Shvedskaia. Agrobiologiia no. 4 525-531 Jl-Ag '61.

STRAZHESKO, NIKOLAI DMITRIEVICH, 1876-1952

In memory of Academician Strazhesko A. L. Mikhin'ov, K. F. Duplenko Nauka i zhytiia 11 no 6 23-25 Je '61

STRAZHEV, ALEKSEI IVANOVICH, 1888-1961

Aleksei Ivanovich Strazhev, 1888-1961; obituary Prep. fiz. v shkole 16 no 4 127-128 Jl-Ag '61

STREET-CLEANING MACHINERY
(see also subdivision under Moscow)

Zhivov, M. A., and V. P. Pankov. [Manual for operators of machinery used in municipal sanitation] Spravochnik mekhanika po mashinam dlia sanitarnoi ochistki gorodov. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1960. 183 p.

STREET RAILWAYS
(see also subdivision under Kazan; Prokop'yevsk)

Certain problems in power engineering arising in switching over municipal electric transportation to a.c. power with a commercial frequency S. M. Rozhavskii. Izv. vys. ucheb. zav., energ. 4 no. 7:52-60 Jl '61.

STREET RAILWAYS—TECHNOLOGICAL INNOVATIONS see subdivision under Kiev

STREETS

Roads with a concave profile. V. P. Starovoitov. Gor. khoz. Mosk. 35 no 7:11-12 Jl '61.

STREETS—MAINTENANCE AND REPAIR see subdivision under Moscow

STRENGTH OF MATERIALS

Anisotropy of the strength of building materials. E. K. Ashkenazi. Zhur. tekh. fiz. 31 no. 5:630-632 My '61

Effect of the length of thin-walled bars used in agricultural machinery on the dynamic strength in case of repeated variable loads G. V. Kabat. Dokl. TSKhA no. 55:125-134 '60.

Filling ducts with injection solutions and their effect on the strength of prestressed reinforced concrete structures N. G. Matkov Sbor. trud. MISI no. 36:120-135 '61.

Investigation of the effect of high loading rates on the durability of solids. B. N. Narsullaev, A. A. IAstrobinskii. Uch. zap. Tadzh. un. 18 95-102 '58.

Kinetics of the growth of cracks. L. M. Kachanov. Prikl. mat. i mekh. 25 no. 3 498-502 My-Je '61

Long-term strength of metals. V. I. Likhtman, I. S. Briukhanova, I. A. Andreeva. Dokl. AN SSSR 139 no. 2:359-362 Jl '61.

Resistance to abrasive wear and bond strength of metal lattices. V. N. Kashcheev, V. M. Glaskov. Izv. vys. ucheb. zav., fiz. no 2 156-159 '61

School laboratory equipment for studying the strength of materials. V. V. Bogdanov, A. V. Bushuev, G. K. Blinchevskii. Sred. spets. obr. 8 no. 7:16-23 Jl '61.

STREPTOCOCCAL INFECTIONS

Use of secasine in experimental coccal infections [with summary in English] N. A. Ozeretskovskii. Antibiotiki 6 no. 5:409-412 My '61.

STREPTOCOCCUS

New variety of Streptococcus lactis [with summary in English]. P. I. Sokolov. Mikrobiologiia 29 no 2:266-268 Mr-Ap '60.

STREPTOCOCCUS PYOGENES

Lysis of hemolytic streptococci by actinomycetes [with summary in English]. N. K. Lebedeva, C. S. Yuan, I. L. Bassokhina. Antibiotiki 6 no. 5 442-446 My '61.

STREPTOMYCIN

Result of a study of dihydrostreptomycin paraaminosalicylate activity in vitro and in vivo. V. K. Vasil'ev, A. A. Pankova. Antibiotiki 6 no. 5 390-392 My '61.

Results of experimental studies on dihydrostreptomycin paraaminosalicylate [with summary in English]. Z. V. Ermol'eva and others. Antibiotiki 6 no. 5 385-390 My '61.

Role of amides in streptomycin biosynthesis. V. A. Severina, S V Gorbenko, I V Gracheva Dokl AN SSSR 139 no 3 736-739 Jl '61

Some remarks on the article "Cholesteatomas of the cauda equina of the spinal cord following tuberculous meningitis in children treated with endolumbar streptomycin" N. A Popov Zhur nevr i psikh 61 no 1 637-638 '61

Use of ultraviolet rays in the selection of strains producing streptomycin, L. I. Erokhina. Trudy Inst. mikrobiol. no. 10 169-173 '61.

STRIKES AND LOCKOUTS
(see also subdivision under Belgium, Germany, West, Great Britain)

The proletariat has been hardened during the class struggle M Sychev Agitator no 15,43-45 Ag '61

A review of newspapers. Blok. agit. [Sov. Armii] no. 17:42-3 of cover Je '61.

STRIKES AND LOCKOUTS—AUTOMOBILE INDUSTRY see subdivision under France

STRIKES AND LOCKOUTS—INSTRUMENT INDUSTRY see subdivision under Florence

STRIKES AND LOCKOUTS—TEXTILE WORKERS see subdivision under Isfahan

STRING QUARTET see subdivision under Kiev; Moscow

STRIP MINING—LABOR PRODUCTIVITY see subdivision under Chelyabinsk Basin

STRONTIUM

"Strontium glazes" by IU. G. Shteinberg. Reviewed by Z. A. Nosova. Stek. i ker. 18 no. 6, 48 Je '61.

STRONTIUM—ISOTOPES

Accumulation and elimination of strontium-90 and cesium 137 by the caddis fly Halesus interpunctatus Zett A B Getsova, G A. Volkova. Dokl. AN SSSR 139 no 2:483-484 Jl '61

Accumulation of strontium-90 in rat bones and the kinetics of its elimination. IU I. Moskalev Radiobiologiia 1 no 1:64-69 '61

STRONTIUM CARBONATES

Industrial strontium carbonate is an effective substitute for scarce raw materials. M. S. Vasnev, E. K. Zhukov. Stek. i ker 18 no 7:33-34 Jl '61

STRONTIUM FLUORIDE

Ternary system consisting of lithium, calcium, and strontium fluorides Z. A. Mateiko, G. A. Bukhalova, [illegible] Khim 6 no 7 1728-1730 Jl '61.

Relaxation phenomena in the paramagnetic resonance of Mn^{2+} ions in the cubic crystal field of SrS [with summary in English] A A. Manenkov, V. A Miliaev Zhur. eksp i teor. fiz 41 no 1:100-105 Jl '61.

STRUCTURAL FRAMES

Assembly of large reinforced concrete frames. K. P. Putiakov Mont. i spets. rab. v stroi. 23 no. 6:28-29 Je '61

Designing nonplane girder and frame networks made of thin-walled elements. IU. TS. Ostromentskii. Trudy MIKS no. 8:64-93 '58.

Designing the frame of the main building of a thermoelectric station by breaking it up into elemental frames. IU TS. Ostromentskii. Trudy MIKS no. 8:94-105 '58.

Use of electric simulation for calculating plane rigid frames with inclined elements. K. K. Keropian, K. D. Selikhova, I. I. Gunkin. Izv. vys. ucheb. zav.; elektromekh. 4 no. 3:63-72 '61.

Using prestressing in open bearing elements made of light alloys. B. A. Speranskii. Trudy Ural. politekh. inst. no. 110. 73-82 '61.

STRUCTURAL STEEL see Steel, Structural

STRUCTURES, THEORY OF

Design of structures for an elastic foundation of varying depths, treated as a plane problem. L. K. Fedulova-Lokkenberg. Trudy MIIGS no. 8:120-128 '58.

STRYCHNINE

Irradiation of strychnine stimulation provoked in the cerebral cortex [with summary in English]. N IU Belenkov, V. D. Chirkov Zhur vys nerv. deiat 11 no. 3 512-521 My-Je '61

STUDENT ACTIVITIES
(see also subdivision under Bashkiria, Belgorod; Riga)

Children, parents and teachers, are all happy. M Rybachuk Shkola-int no 3 64-66 My-Je '61

In the Ministry of Education of the R S. F. S. R. Nach. shkola 29 no 7:92-93 Jl '61

Organizing socially useful work of students. V. Pitishkin-Potanich. Shkola i proizv 5 no. 7, 91-92 Jl '61

"School technical station" by P. P. Kovryzhenko. Reviewed by E Osovskii Sem'ia i shkola 16 no 5 43 My '61

Schools with longer hours should have continuous attention M S Mikhal'chuk Rad shk 40 no 8 57-61 S '61

Students' work in the conservation of nature. D. R. Safonov. Biol. v shkole no. 1:80 Jl-Ag '61

Two-grade school with longer hours. B. Batrunov. Nar. obr. no. 8 13-14 Ag '61.

We are friends E. Parshina Doshk. vosp. 34 no 6: 121 Je '61

STUDENT TEACHING
(see also subdivision under Lugansk Province)

Characteristics of pedagogical practice on the topic "Methods of teaching grammar." L. A. Gorbushina. Rus. iaz. v shkole 22 no. 4, 77-83 Jl-Ag '61.

Closer to life! E I. Tabnsheva Doshk vosp 34 no. 6: 18-19 Je '61

Voluntary helpers I. A Gal'perina Doshk vosp 31 no 6, 14-17 Je '61

STUDENTS, FOREIGN

Boy from Ghana at the wheel of the "Volga" car. A Bobrov Za rul 19 no. 5 11 My '61.

STUPINO—LIGHTWEIGHT CONCRETE

Starting the production of cellular silicate concretes at the Stupino factory IU A Batalin, B. A. Novikov. Stroi. mat 7 no. 6:7-11 Je '61.

STURGEONS
(see also subdivision under Don River)

Correlation between latent differentiation of the material of the auditory vesicle and cell generations at equal stages of development in embryos of acipenserid fishes (Huso huso, Acipenser güldenstädti, and Acipenser stellatus) E. V Chulitskaia Dokl AN SSSR 139 no. 2: 508-509 Jl '61.

Inductive properties of the chordomesodermal bud before the beginning of invagination and regulation of its defects in sturgeon embryos G M Ignat'eva Dokl AN SSSR 139 no. 2,503-505 Jl '61.

Valuable food for young sturgeons. P. I. Nechaev. Ryb. khoz 37 no. 6:32-35 '61.

STYLE, LITERARY—STUDY AND TEACHING

Studying literary style in syntax classes. A. Amlal'kovich. Nar. asv no. 5:36-40 My '61.

STYLE IN DRESS see Fashion

STYRENE

Nikiforov, IU. E., M. I. Solov'ev, and M. E. Zukhovitskii. [Using foamed polystyrene to insulated exterior wall panels] Opyt primeneniia penopolistirola v kachestve uteplitelia naruzhnykh stenovykh panelei. Leningrad, 1961. 14 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Stroitel'naia promyshlennost', no. 9)

Polymerization of styrene, butadiene, and isoprene initiated by lithium-ethyl in various media. IU. L Spirin and others. Dokl. AN SSSR 139 no. 4:899-902 Ag '61.

SUBASINGHE, TIKIRI BANDA, 1913-

Tikiri Banda Subasinghe. Nov. vrem. 19 no. 33:23 Ag '61.

SUBMARINE BOATS

The most important sector; a sketch. V. Ust'iantsev. Blok. agit. [Sov. Armii] no. 19:17-23 Jl '61.

Observations on bottom sediments during the cruise of the submarine "Severianka." D. E. Gershanovich. Biul. Okean. kom. no 6 37-38 '60.

Observations on herring during the expedition of the research submarine "Severianka." D. V. Radakov Biul. Okean kom. no 6 39-40 '60

On the established course. V. Frolov. Blok. agit. [Sov. Armii] no. 18:13-15 Je '61.

A submarine went out to sea; from the diary of a propagandist. N. Lemeshchenko. Blok. agit. [Sov. Armii] no. 20.28-31 Jl '61.

Submariners keep their word. Blok. agit. [Sov. Armii] no. 18:9-10 Je '61.

SUBMARINE CHASERS

At the bottom of the sea. Arkadii Sakhnin Znamia 31 no. 8 116-130 Ag '61

SUBMARINE DIVING see Diving, Submarine

SUBMARINE GEOLOGY—CONGRESSES

Congress of the Geological Society in Wiesbaden h. s. Gorskii Biul. Okean kom no 6 75-76 '60

SUBMARINE MINES see Mines, Submarine

SUBMARINE TOPOGRAPHY see subdivision under Antarctic regions; Atlantic Ocean, Indian Ocean

SUBMARINE WARFARE

Good memory. V. Shumskii Sov. voin 43 no. 16:7 Ag '61

SUBSIDENCES (EARTH MOVEMENTS)

Radiometric probing of rocks in underground workings A P. Maksimov, A G. Rostovtsev Ugol' Ukr no 6 14-17 Je '61

SUBSTATIONS, ELECTRIC see Electric substations

SUBSTITUTION (CHEMISTRY)

Study of electrophilic substitution reactions at a saturated carbon atom by use of the isotope exchange method Report No 1 Kinetics of the isotope exchange reaction of ethyl α-(bromomercuri)phenyl acetate with mercury bromide tagged with Hg^{203} in pyridine O. A. Reutov, V I Sokolov, I P. Beletskaia Izv AN SSSR Otd khim nauk no 7 1213-1217 Jl '61.

Study of electrophilic substitution reactions at a saturated carbon atom by use of the isotope exchange method Report No 2 Kinetics of the isotope exchange reaction of ethyl α(bromomercuri)phenyl acetate with mercury bromide tagged with Hg^{203} in water-dioxane mixture O. A Reutov, V I Sokolov, I P. Beletskaia. Izv AN SSSR, Otd khim nauk no. 7 1217-1222 Jl '61.

SUBVERSIVE ACTIVITIES

V. I. Lenin on vigilance. V. S. IAkushkin. Vest. protivovozd. obor. no. 4 8-11 Ap '61.

SUBWAYS see subdivision under Kiev; Leningrad

SUCCINIMIDE

Polymerization and copolymerization of N-vinyl compounds Report No. 8 Polymerization of vinylsuccinimide in aqueous solution A. F. Nikolaev, S N Ushakov, N. V. Daniel'. Izv AN SSSR, Otd khim nauk no 7 1330-1336 Jl '61

SUCHAN BASIN—NEPHELINE SYENITE

Find of nepheline syenite in the southeastern part of the Suchan coal basin. R. S. Rodin. Izv. vys. ucheb. zav., geol. i razv. 3 no. 6:120 Je '60.

SUCROSE

Washing tricalcium sucrate. E A. Grivtseva Sakh prom 35 no. 7:20-23 Jl '61.

SUEZ CANAL

Restored way. G. Nikitina Az. i Afr. sog. no 7 11 Jl '61.

SUGAR—INVERSION

Determining the invert sugar in honey. M. N. Tul'chinskii. Izv. vys. ucheb. zav.; pishch tekh no 2 134-136 '60.

SUGAR BEET BREEDING

Polyploid sugar beets. V. E. Bormotov. Biul. Inst biol AN BSSR no. 5:316-323 '60.

SUGAR BEETS
(see also subdivision under Karlamma)

Biology and cultivation of sugar beets. A. F. Shemiakina Biol. v shkole no. 4:62-72 Jl-Ag '61.

Effect of the condition of lamellar beet cossettes on sugar losses in beet pops. S. M. Grebeniuk. Sakh prom 35 no. 7:26-30 Jl '61.

Effectiveness of sugar-beet seed production without transplanting beet seedlings A. S. Baranov, B Kh Karsanov. Sakh. prom. 35 no. 7 59-61 Jl '61.

Founder of scientific sugar beet growing, on the 30th anniversary of the death of A. E Zaikevich. Professor of Kharkov University. V. P. Garagulia Sakh prom 35 no. 7 9-13 Jl '61.

Method for a rapid chromosome count. N. E. Zaikovskaia, M. P. Petrushina. Agrobiologiia no. 4:630-632 Jl-Ag '61.

Obtaining high-quality silage from sugar beet tops V. IA. Maksakov. Visnyk sil'hosp. nauky 4 no. 8 46-49 Ag '61.

Production of edible pectins from sugar-beet pulp. G. V. Buzina. Khleb. i kond. prom. 5 no. 7:13-16 Jl '61.

"Sakharnaia svekla" is an active advertiser of beet growing. E. Sokol'skaia Sakh. prom 35 no 7 77-78 Jl '61.

[Sugar beet as feed] Sakharnaia svekla na kormovye tseli. [Moskva] Mosk. rabochii, 1961. 27 p. (DA)

Sugar beets used for feeding dairy cattle in Estonia [with summaries in English, German, and French]. A. Muuga. Vest. sel'khoz. nauki 6 no. 7:69-71 Jl '61.

SUGAR BEETS (Continued)

Theoretical principles of extracting sugar from sugar beets by diffusion E T Koval', A IA Zagorul'ko Sakh prom 35 no 7 15-20 Jl '61

Varshavs'kyi, B. IA., S. I. Kuz'mych, and O. F. Oshakov. [Practices of growing monospermous sugar beets] Dosvid vyroshchuvannia odnonasinnykh tsukrovykh buriakiv. Kyiv, 1961. 42 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 5, no. 3)

SUGAR BEETS—COSTS

Malashevich, V. I. [Cost of sugar beet production and how to reduce it] Sebestoimost' sakharnoi svekly i puti ee snizheniia [Tula] Tul'skoe knizhnoe izd-vo, 1960. 86 p. (Na ekonomicheskie temy) (DA)

SUGAR BEETS—FERTILIZERS AND MANURES

Fertilizer application to sugar beets [in Armenian with summary in Russian]. M A Glechian Izv. Upr. sel'khoz nauki Arm. SSR 4 no. 4 17-53 '61

SUGAR BEETS—HARVESTING

Efficient utilization of beet harvesting machinery M P Petrenko Mekh. sil'. hosp. 12 no 8 10-12 Ag '61

Harvest sugar beets and potatoes in an economic way and without losses Mekh. sil'. hosp 12 no 8 1-2 Ag '61.

New machinery for sugar beet harvesting. IA. Fishman. Tekh. v sel'khoz. 21 no. 8-31-34 Ag '61.

Using combines with a pick-up attachment for harvesting seed plants of sugar beets. A. Fomichev, V. Shabranskii. Tekh. v sel'khoz. 21 no. 8-34-35 Ag '61.

SUGAR BEETS—IRRIGATION see subdivision under Rostov Province

SUGAR BEETS—STORAGE see subdivision under Kuban

SUGAR BEETS—TRANSPORTATION

Vibrators for unloading sugar beets from freight cars V I Kruglovenko Sakh. prom 35 no 7 45-46 Jl '60

SUGAR INDUSTRY

(see also subdivision under Chernovtsy, Kharkov Economic region; Moscow; Shali, Chechen-Ingush A. S. S. R.)

Building storage ponds for reusable sewage. G F. Kostiuk Sakh prom. 35 no. 7 44-45 Jl '61

Great upturn in the sugar industry of the R S F S R A P Klemenchuk Sakh prom 35 no 7 4-8 Jl '61.

Have sugar refineries in absolute readiness for the new season Sakh prom 35 no 7 1-3 Jl '61

Planning and accounting of labor productivity in the sugar industry. V K IUrachkovskii. Sakh prom 35 no 7 58-59 Jl '61

Sixtieth birthday of A. N. Shakin, Director of the Central Scientific Research Institute of the Sugar Industry Sakh prom 35 no 7 33 Jl '61.

Standard designs for granulated sugar factories S. I Gerasimov Sakh prom. 35 no. 7-47-50 Jl '61

SUGAR INDUSTRY—EQUIPMENT AND SUPPLIES

Mobile SKL-1M scraper. D. B Osichanskii Sakh prom 35 no 7 38-42 Jl '61

Supplying more fully assembled equipment. I. M. Zverev Sakh prom 35 no 7 50-54 Jl '61

Use of coal suction devices for sewage removal in the sugar industry. F V. Verevichev Sakh. prom 35 no 7 43 Jl '61

Using the experience of related industries. F A. Demchinskii Sakh. prom. 35 no. 7 70-72 Jl '61

SUGAR MANUFACTURE

(see also subdivision under Moldavia; Ukraine)

Concerning S. F Skorbilin's new formula for determining the amount of lime used in juice purification V. S. Vasilega. Sakh prom 35 no. 7 24-26 Jl '61.

Theoretical principles of extracting sugar from sugar beets by diffusion. E T. Koval', A. IA. Zagorul'ko Sakh. prom 35 no 7 15-20 Jl '61

SUGARS

First synthesis of sugar substance, on the centennial of A. M. Butlerov's synthesis. I. M. Vol'per. Sakh prom. 35 no 7 13-14 Jl '61.

SUGGESTION SYSTEMS

Let us talk about innovators' councils A. Demoshko. Sov. profsoiuzy 17 no. 16;33-35 Ag '61

SUKHUMI—MEAT INDUSTRY

The enterprise has changes its face. K. Shevkunov. Mias. ind. SSSR 32 no. 1;26 '61.

SUKHUMI—PALEOBOTANY—PLIOCENE

Data on the pliocene flora of Sukhumi. N. K. Ratiani. Trudy Sukh. bot. sada no. 12;263-287 '59.

SUKHUMI—PILOCARPUS

Growing pilocarpus in the Sukhumi Botanical Garden [in Georgian with summary in English]. P. E. Rukhadze. Trudy Sukh. bot. sada no. 12;365-374 '59.

SULFATES

New complexometric method for the determination of sulfates in the presence of calcium and magnesium [with summary in English] I Dragusin Zhur anal khim 16 no 4 404-406 Jl-Ag '61

SULFENAMIDES

Some heterocyclic N-thiocarbamylsulfenedialkylamides as vulcanization agents I I Eitington, M. S Fel'dshtein, D. M. Pevzner. Zhur prikl khim 34 no. 7 1591-1597 Jl '61

SULFIDES

Amino sulfides and amino sulfones Part 19. Addition of o- and p-nitrophenyl sulfides to α,β-unsaturated compounds. I Kh Fel'dman, V. N. Mikhailova Zhur ob khim 31 no 7 2115-2119 Jl '61.

Colloform structures occurring during the disulfidation of pyrrhotite in the oxidation zone of sulfide deposits. IU V Komarov Zap. Vost -Sib otd Vses min. ob-va no. 1;101-103 '59.

Colorimetric determination of selenium and tellurium in sulfide ores. V M. Tarasian, T. T. Avak'ian Zav lab 27 no. 8;967-970 '61.

Ginzburg, I. I., IA. I. Ol'shanskii, and V. V. Beliatskii. [Studies of experimental and technical petrography and mineralogy] Issledovaniia po eksperimental'noi i tekhnicheskoi petrografii i mineralogii. Moskva, Izd-vo Akad. nauk SSSR

No. 4 [Studies on oxidation of sulfides] Eksperimental'nye issledovaniia po okisleniiu sul'fidov. 1961. 130 p. (Akademiia nauk SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. Trudy, no. 59)

Methods of chemical analysis of some sulfide minerals IU S. Nesterova Trudy IGEM no 61. Metod. khim. anal. min. no 1;5-69 '61.

SULFIDES—METALLURGY

Studying reactions of zinc and copper sulfides with the products of their oxidation by physicochemical and chemical analyses. E. I. Novikova, G. S. Frents. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 3 31-36 My-Je '61.

SULFOMETHYLATION

Sulfomethylation of phenols. D Tishchenko, A. Kisilitsyn. Zhur prikl khim. 34 no 7-1612-1616 Jl '61.

SULFONES

Effect of substituents on the properties of aromatic nitriles and sulfones [with summary in English]. P P Shorygin, M. A. Geiderikh, T I. Ambrush. Zhur fiz khim 34 no. 2-335-342 F '60.

SULFONIC ACIDS

Alkanesulfonic acids Part 24. Acetylation of some N-aryl amides of alkanesulfonic acids in the presence of aluminum chloride. A. G. Kostsova, N. N. Tkachenko, I. I. Lyseeva Zhur. ob. khim 31 no 7;2241-2246 Jl '61

Synthesis and properties of dimercapto derivatives of alkanesulfonic acids Part 6 2(β, β-dimercaptoisopropylmercapto) ethane sodium sulfonate and 3(β, β'-dimercaptoisopropylmercapto)propane sodium sulfonate. N. M. Lysenko, V I. Petrun'kin. Zhur. ob. khim. 31 no. 7 2262-2255 Jl '61.

Thiosulfonic acids. Part 6: Synthesis and antimicrobic properties of trichloromethyl and methyl esters of some thiosulfonic acids. B G. Boldyrev, S. A. Gorelova, A T. Dvorko. Zhur. ob khim. 31 no 7 2402-2406 Jl '61.

SULFONYL CHLORIDES

N-carbethoxyarenesimino sulfonyl chlorides. E. S. Levchenko, E. S. Kozlov, A. V Kirsanov Zhur. ob. khim 31 no. 7;2381-2385 Jl '61.

Separation of sulfochlorides from a reaction mixture B. IU Gordinskii. Zhur prikl. khim. 34 no 7 1625-1627 Jl '61.

SULFUR—ANALYSIS

Determination of the bitumen impurity content of elementary high purity sulfur. A. N. Alekseeva, I. M. Shushkanova Zav. lab. 27 no. 7;811-814 '61.

SULFUR—ISOTOPES

Determination of the single-stage separation factors of sulfur isotopes Complex compounds of SO_2 G. M Panchenkov, L. I Pachalin Zhur. fiz. khim. 35 no. 7; 1643-1644 Jl '61.

Study of the wool growth by the use of labeled sulfur compounds. A. L. Paducheva. Biul. MOIP. Otd. biol. 66 no. 4-151 Jl-Ag '61.

SULFUR—PHYSIOLOGICAL EFFECT

Sulfur in the feed rations of sheep helps to utilize effectively the nitrogen of urea [with summary in German]. A. V Modianov. Biul nauch. -tekh. inform VIZH no. 2; 41-45 '58.

SULFUR—SPECTRA

Determination of sulfur and halogens in solutions by the use of a hollow cathode I. A. Berezin. Zav. lab. 27 no. 7;859-861 '61.

SULFUR DIOXIDE

Pollution of air in cities by sulfur dioxide and establishment of the maximum permissible concentration of SO_2 discharge into the atmosphere. M S Gol'dberg Vest AMN SSSR 16 no 7 30-36 '61

SULFUR MINES AND MINING see subdivision under Vistula Valley

SULFUR ORGANIC COMPOUNDS

Effect of the nature of sulfur organic compounds in oil on the running-in and the initial wear of metallic friction surfaces M G Voronkov, G. P Sharonov, V V Dolbin Zhur prikl khim 34 no 7 1562-1569 Jl '61.

SULFURIC ACID

Action of oleum on tetrachloropyrene E P Gendrikov Zhur prikl. khim 34 no 7;1623-1625 Jl '61

Behavior of lead selenide in oxidative and in sulfating roasting with sulfuric acid. L. S. Getskin, IU. S. Remizov, E V Margulis Zhur prikl khim 34 no 7 1430-1437 Jl '61.

SUMGAIT REGION—SALINE AND ALKALI SOILS

Chemical and geographical characteristics of soils with a talus-type salinity in the Siazan'-Sumgait Massif. M R. Abduev. Izv AN Azerb. SSR Ser biol i med nauk 3 57-64 '61

SUMMER

(see also subdivision under Khibiny Mountains)

August in the forest. I. V. Tolokonnikov. Priroda 50 no. 8;126 Ag '61

SUMY PROVINCE—CRIME PREVENTION

How the public prosecutors of Sumy Province try to establish and eliminate causes which contribute to the committing of crimes. G M IAsinskii Sov gos. i pravo no 11;101-103 N '60

SUMY PROVINCE—RURAL ELECTRIFICATION

Rural electrification workers of Sumy Province surge ahead. I. Korzh, A Merzliakov. Sil'. hud. 11 no 7 8 Jl '61.

SUN—TABLES

Graph of the sun's declination. Biul sta. opt. nabl. isk. sput. Zem no. 9;65 '60.

Table No. 21 of local hour angles of the sun at moments of the visible sunrise and sunset Biul sta opt. nabl. isk sput. Zem no 9;54-55 '60.

Table No. 22 of local hour angles of the sun at moments of the beginning and the end of the civil twilight Biul. sta opt nabl. isk. sput. Zem. no. 9;56-57 '60

Table No 23 of local hour angles of the sun at moments of the beginning and the end of the nautical twilight Biul. sta. opt. nabl. isk sput Zem. no. 9,58-59 '60

Table No. 24 of local hour angles of the sun at moments of the beginning and the end of the astronomical twilight Biul. sta opt nable isk sput. Zem. no. 9,60-61 '60

Table No. 25 of δ° and E magnitudes. Biul. sta. opt. nabl. isk sput Zem. no. 9;62-63 '60.

Tables Nos 1-20 of local hour angles of the sun at moments of the crossing of the earth's shadow by space objects. Biul sta. opt. nabl. isk. sput. Zem no. 9;14-53 '60.

SUNFLOWER SEED—DRYING

Mechanical ventilation and drying of sunflower seeds by cold dehydrated air. V. M. Kopelkovskii, G. I. Garbuzova Izv. vys. ucheb. zav.; pishch. tekh. no. 2;3-9 '60

SUNFLOWERS—HARVESTING

Method for harvesting lodged sunflowers. M. I. Gusarov. Mekh sil' hosp. 12 no. 8-28 Ag '61

SUNFLOWERS—IRRIGATION see subdivision under Rostov Province

SUNSPOTS

Geomagnetic manifestation of the asymmetry of solar hemispheres. R. G. Afonina. Geomag. i aer. 1 no. 2; 244-246 Mr-Ap '61.

SUOYARVI LAKE REGION—GEOLOGY, STRATIGRAPHIC

Proterozoic stratigraphy of the Khautavaara-Chaika area (southern Karelia) V. I Robonen. Trudy Kar fil. AN SSSR no. 26-93-105 '61.

SUPERCONDUCTIVITY

Possibility of using a cylindrical superconducting film as a memory unit for computers V IA Kontarev. Zhur. tekh. fiz. 31 no. 7;854-863 Jl '61

Restoring the energy gap in a superconductor with the aid of sound attenuation measurements [with summary in English]. V. L. Pokrovskii, V. A. Toponogov. Zhur. eksp. i teor. fiz. 40 no 4;1112-1114 Ap '61.

Superconductivity of tin and indium subjected to pressure [with summary in English]. L. S. Kan, B. G. Lazarev, V. I. Makarov. Zhur eksp. i teor. fiz. 40 no. 2 457-459 F '61.

Thermodynamics of anisotropic superconductors [with summary in English]. V. L. Pokrovskii. Zhur. eksp. i teor. fiz. 40 no. 2-641-645 F '61.

SUPERFLUIDITY

Basic properties of a superfluid nuclear model V. G. Solov'ev. Dokl. AN SSSR 139 no. 4:847-850 Ag '61

Single particle excitations and superfluidity in systems of Fermi particles with arbitrary interaction. Application to the nucleus [with summary in English]. A. B. Migdal. Zhur. eksp. i teor. fiz. 40 no. 2:684-697 F '61

Superfluidity in a Fermi system in the presence of pairs with nonzero angular momentum [with summary in English]. Zhur. eksp. i teor. fiz. 40 no. 4:1124-1127 Ap '61.

SUPERMARKETS see subdivision under Moscow, Zhukovka (Moscow Province)

SUPERSONIC NOZZLES

Calculating the supersonic portion of a Laval nozzle [with summary in English]. A. Sh. Dorfman. Inzh.-fiz. zhur. 4 no. 6:51-57 Je '61.

SUPERSTITION

Krutik, M. I. [What they still believe in] O tom, chemu eshche verial. Moskva, Gospolitizdat, 1960. 55 p. (Besedy o religii i nauke) (DS)

Man and a frog. L. Zavelev. Smena 38 no. 11:16-17 Je '61.

Witchcraft. V. Kukanov. Smena 38 no. 15:30-31 Ag '61

SUPERVISORS, INDUSTRIAL see Foremen

SUPPLY AND DEMAND

Consumers' demand and the laws of its development. I. Korzhenevskii. Sov. potreb. koop. 5 no. 7:49-51 Jl '61.

Critique of the bourgeois theories of demand analysis. S. Nikitin. Vest. stat. no. 7:47-53 '61

SUPPORT (DOMESTIC RELATIONS)

[How to bring suit for alimony and the support of children] Obrashchenie v sud dlia vzyskaniia alimentov. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 39 p. (Iuridicheskie konsultatsii dlia naseleniia v voprosakh i otvetakh, no. 11)

SURFACE ACTIVE AGENTS

Effect of surface-active substances on the thermomechanical properties of bitumens. A. R. Davydova, A. S. Kolbanovskaia. Avt. dor. 24 no. 7:11-12 Jl '61

Kinetics of the attachment of mineral particles to bubbles in flotation. Part 4. Retardation of bubble surface by surfactants and their distribution on bubble surface [with summary in English]. B. S. Dukhin, B. V. Deriagin. Zhur. fiz. khim. 35 no. 6:1246-1257 Je '61.

SURFACE CHEMISTRY

Infrared spectroscopy method of studying chemical reactions on a palladium surface. N. N. Kavtaradze, V. I. Lygin. Zhur. VKHO 6 no. 4:472-473 '61

Kinetics of the attachment of mineral particles to bubbles in flotation. Part 5. Motion of the bubble surface considerably retarded by a dissolved surface active agents, distribution of the surface active substance and the electric field of the bubble [with summary in English]. S. S. Dukhin, B. V. Deriagin. Zhur. fiz. khim. 35 no. 7:1453-1457 Jl '61

SURFACE ENERGY

Isotherm of the surface energy of liquid silicon-iron alloys. P. V. Gel'd, M. S. Petrushevskii. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 3:160-162 My-Je '61

The surface energy of Zadumkin. Izv. AN SSSR. [illegible] My-Je '61.

[illegible] systems. M. A. Kerdivarenko. Zav. lab. 27 no. 8:1000-1002 '61.

Using the "dihedral" and "tangential sphere" methods in measuring the curvature of nonspherical surfaces. M. V. Afanas'ev. Trudy MIIGAIK no. 45:107-115 '61

SURFACE TENSION

Effect of hydrogen on the surface tension of iron and its alloys. B. A. Baum, K. T. Kurochkin, P. V. Umrikhin. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 3:82-89 My-Je '61.

Effect of titanium admixture on the surface tension of nickel and cobalt and on their interfacial tension with aluminum oxide [with summary in English]. V. N. Eremenko, V. I. Nizhenko. Zhur. fiz. khim. 35 no. 6:1301-1306 Je '61.

Investigating the surface tension of kerosene T-1, gasoline B-70, and liquid fuel T-5. L. D. Voliak. Trudy MAI no. 132:63-78 '61.

Study of the surface tension of n-heptane and n-octane [with summary in English]. L. D. Voliak, L. P. Andreeva. Zhur. fiz. khim. 35 no. 7:1416-1417 Jl '61

Surface tension and the structure of metal alloys. O. A. Timofeevichev, V. B. Lazarev. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 3:147-150 My-Je '61.

Surface tension of certain molten intermetallides. V. I. Eremenko, V. I. Nizhenko, Iu. V. Naidich. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 3:150-154 My-Je '61

Surface tension of germanium, silicon, and diamond [with summary in English]. B. V. Belogurov. Zhur. fiz. khim. 34 no. 2:440-443 F '60.

SURFACES (TECHNOLOGY)

Structure of germanium and silicon surface layers based on optical and electron diffraction data [with summary in English]. V. V. Andreeva, N. A. Shishakov. Zhur. fiz. khim. 35 no. 6:1351-1358 Je '61.

SURFACES, FERMI see Fermi surfaces

SURFACES, REPRESENTATION OF

Approximation method of conformal representation of multiangle areas and torsion of rods with the form of rolled profiles. V. I. Makhlvikov. Izv. vys. ucheb. zav.: stroi. i arkhit. 4 no. 2:3-10 '61.

SURGEONS see subdivision under Glubokoye District

SURGERY

Primary surgical treatment under out-patient conditions. V. Iu. Kharin. Fel'd i akush. 26 no. 6:16-22 Je '61

SURGERY—CONGRESSES

Mezhoblastnaia nauchnaia konferentsiia khirurgov oblastei Urala i Zapadnoi Sibiri, 1959. [Transactions of the Interprovince Conference of Surgeons from the Urals and Western Siberia, 1959, complications of peptic and duodenal ulcer, acute intestinal obstruction, problems in thoracic surgery, osteoarticular tuberculosis, and some other problems in surgery and urology] Trudy; oslozhneniia iazvennoi bolezni zheludka i dvenadtsatiperstnoi kishki, ostraia kishechnaia neprokhodimost', voprosy khirurgii organov grudnoi polosti, kostno-sustavnogo tuberkuleza i nekotorye drugie voprosy khirurgii i urologii. Kurgan, Izd-vo gazety "Sovetskoe Zaural'e," 1960. 483 p. (DNLM)

Twenty-seventh All-Union Congress of Surgeons. A. I. Makarenko. Voen.-med. zhur. no. 8:91-93 Ag '61

SURGERY, MILITARY

Current problems in modern military field surgery. A. S. Georgievskii. Voen.-med. zhur. no. 8:7-12 Ag '60

Experience in surgical duties at a medical aid station. A. V. Shabunin. Voen.-med. zhur. no. 3:73-74 Mr '61.

SURGERY, NAVAL

Indications for emergency surgery on ships of the second class. N. P. Chizhov. Voen.-med. zhur. no. 8:81-82 Ag '60

Surgery on a ship of the first class. A. I. Chaiganov. Voen.-med. zhur. no. 8:82-83 Ag '60

SURGICAL INSTRUMENTS AND APPARATUS

Rod for inserting and extracting Tal'TO pins. V. V. Goncharenko. Voen.-med. zhur. no. 3:82 Mr '61.

SURIKOV, VASILII IVANOVICH, 1848-1916

Moshkovtsev, N. G. Vasilii Ivanovich Surikov. Moskva, Gos. izd-vo izobraz. iskus., 1960. 1 v. illus. (NN)

SURKHOB VALLEY—EARTHQUAKES

Earthquake traces in the mountains of Central Asia. G. A. Saffianov. Priroda 50 no. 8:93-95 Ag '61

SURVEILLANCE RADAR

For high precision in determining the co-ordinates for air targets. V. I. D'iakonov. Vest. protivovozd. oborony. no. 5:57-60 My '61.

Organization of cover for materiel. I. I. Korzhuev. Vest. protivovozd. oborony. no. 5:63-65 My '61

SURVEYING

Brief news. Geod. i kart. no. 7:74-77 Jl '61.

Estimating the accuracy and the most expedient form of linear intersections. L. V. Voronov. Geod. i kart. no. 7:26-29 Jl '61.

Indirect determination of clearances between electric transmission lines and different important intersecting structures. V. D. Bol'shakov. Trudy MIIGAIK no. 44:77-79 '61.

Method of establishing a radial-circular geodetic network of high precision. M. S. Cheremisin. Trudy TSNIIGAIK no. 135:25-33 '60.

Preliminary results of the transfer of workers of the topographogeodetic and cartographic service to the shortened workday and new wage conditions. L. P. Egorov. Geod. i kart. no. 7:5-9 Jl '61.

Toward the 22d Congress of the CPSU. Geod. i kart. no. 7:3-4 Jl '61.

Viduev, N. G., and others. [Surveying in bridge construction] Geodezicheskie raboty v mostostroenii. Pod red. N. G. Vidueva. Moskva, Izd-vo geodez. lit-ry, 1961. 137 p.

SURVEYING—BIBLIOGRAPHY see Bibliography—Surveying

SURVEYING—HANDBOOKS, MANUALS, ETC.

Gul', S. M., and others. [Laboratory manual of geodesy] Rukovodstvo dlia prakticheskikh zaniatii po geodezii. Moskva, Gosgeolizdat, 1960. 266 p.

SURVIVAL (AFTER AIRPLANE ACCIDENTS, SHIPWRECKS, ETC.)

Once in the sky. Vladimir Kazakov. Smena 36 no. 9:11 My '61.

Soviet soldiers act like this. Blok agit. [Sov. Armiia] no. 22:38-39 Ag '61

SUSLIKS see subdivision under Saratov Province; Stalingrad Province

SUSPENDED SENTENCE see Probation

SUSPENSIONS (CHEMISTRY)

Speed of sound in mixtures containing suspended particles. I. A. Z. Kleiman. Akust. zhur. 7 no. 2:202-204 '61.

SUVOROV DISTRICT—COMMUNITY CENTERS

Atlasov, A. M. [Red corner on a collective farm] Krasnyi ugolok na kolkhoznoi ferme. [Tula] Tul'skoe knizhnoe izd-vo, 1960. 34 p. (Bibliotechka partiinogo aktiva)

SUZAK DISTRICT—COOPERATIVE SOCIETIES

Collective farmers submit their claim to cooperative workers, materials of a surprise inspection. Sov. potreb. koop. 5 no. 6:34-38 Je '61

SVERDLOVSK—CEMENT INDUSTRIES—HYGIENIC ASPECTS

Guarding health. V. Bogdanov. Okhr. truda i sots. strakh. 4 no. 7:4 Jl '61.

SVERDLOVSK—CITY PLANNING

Creating a residential district for the Ural Heavy Machinery Plant. P. V. Oranskii. Trudy Ural. politekh. inst. no. 109:37-42 '61.

SVERDLOVSK—CITY TRAFFIC

Effect of planning and building city thoroughfares on the safety of street traffic. Iu. A. Stavnichii. Trudy Ural. politekh. inst. no. 109:53-56 '61.

SVERDLOVSK—CIVIL DEFENSE

Taking account of life's demands. V. Ryl'skii. Voen. znan. 37 no. 8:18-19 Ag '61

SVERDLOVSK—EDUCATION, ELEMENTARY—CONGRESSES

Conference on work training. O. S. Bogdanova. Nach. shkola 20 no. 8:93-94 Ag '61.

SVERDLOVSK—GUIDEBOOKS

[Sverdlovsk; a guidebook] Sverdlovsk; spravochnik. [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1960. 232 p.

[MICROFILM]

SVERDLOVSK—HOUSING

Distribution of housing construction in the city of Sverdlovsk in the period 1959-1965. V. A. Piskunov. Trudy Ural. politekh. inst. no. 109:43-47 '61.

SVERDLOVSK—LABOR AND LABORING CLASSES—EDUCATION

Efficiency of teaching economics. A. Shagin. Vop. ekon. no. 8:139-141 Ag '61.

SVERDLOVSK—LANDSCAPE GARDENING

Fruit and berry growing in the garden microdistricts of Sverdlovsk which are marked for construction in the present seven-year plan. G. D. Kazantseva. Trudy Ural. politekh. inst. no. 109:57-64 '61.

SVERDLOVSK—RESTAURANTS, LUNCHROOMS, ETC.—ACCOUNTING

Limiting stocks-in-trade for booths, lunchrooms and small retail stores. A. Serdiuk. Bukh. uchet 16 no. 8:48-49 Je '61

SVERDLOVSK—RETAIL TRADE—ACCOUNTING

Limiting stocks-in-trade for booths, lunchrooms and small retail stores. A. Serdiuk. Bukh. uchet 16 no. 8:48-49 Je '61.

SVERDLOVSK—UNIVERSITIES AND COLLEGES

Glavatskii, M. E. [Ural State University] Ural'skii gosudarstvennyi universitet. [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1960. 59 p.

SVERDLOVSK PROVINCE—APARTMENT HOUSES

Some features of using standard plans for city buildings with few stories in Sverdlovsk Province (in the period of the fourth and fifth five-year plans). B. M. Davidson. Trudy Ural. politekh. inst. no. 109:6-18 '61.

Types of apartments in model apartment houses with few stories used in cities in Sverdlovsk Province (in the period of the fourth and fifth five-year plans). B. M. Davidson. Trudy Ural. politekh. inst. no. 109:65-79 '61.

SVERDLOVSK PROVINCE—BANKS AND BANKING

Useful forms of economic work. A. Kubyshev. Den. i kred. 19 no. 7:59-61 Jl '61.

SVERDLOVSK PROVINCE—CONSTRUCTION INDUSTRY

Organizing housing construction combines under the jurisdiction of the Sverdlovsk Economic Council. I. I. Kazantsev. Trudy Ural. politekh. inst. no. 109 103-106 '61.

SVERDLOVSK PROVINCE—INDUSTRIAL MANAGEMENT

Useful forms of economic work A Kubyshev Den i kred 19 no. 7 59-61 Jl '61.

SVERDLOVSK PROVINCE—LIBRARIES AND READERS

Fruits of joint efforts M Repin Bibliotekar' no 7 18-20 Jl '61

SVERDLOVSK PROVINCE—MANUAL TRAINING—CONGRESSES

Conference on work training in Sverdlovsk O S Bogdanova Sov pedag 21 no 7 158-160 Jl '61

SVERDLOVSK PROVINCE—PARACHUTING

Komsomol starts at the Spartakiada. M. Lebedinskii. Kryl. rod. 12 no. 1 10-11 Ap '61

SVERDLOVSK PROVINCE—POLITICS AND GOVERNMENT

Drawing Soviet toilers into governmental administration public representation councils attached to the departments and agencies of executive committees IU F Volkov, P. P. Leont'ev Sov gos i pravo 31 no 8 116-126 Ag '61

SVIATOSLAV, GRAND DUKE OF KIEV, 942-972—FICTION

Shtorenko, Semen. [Sviatoslav; a novel] Sviatoslav; roman. [Kyiv, Derzhlitvydav, 1960] 1 v. (MIU)

SVYDNYTS'KYI, ANATOL' PATRYKYIOVYCH, 1834-1871

A lost novel ("The Liuborats'kyi family", a novel by A P. Svydnyts'kyi Reviewed by IA. Dzyra). Ukraina no 15-20 Ag '61

SWALLOWING see Deglutition

SWALLOWS see subdivision under Alushta region, Kurgal'dzhin region

SWAMI, KUMARIL

In the studio of Kumaril Swami. I. Suchkov. Az. i Afr. seg. no. 1 50-51 Ap '61.

SWAMPS

(see also subdivision under Kuda Valley)

First Conference on the geobotanical investigation of bogs T. K. IUrkovskaia, A S Karpenko Bot zhur. 46 no 5;750-755 My '61

SWANS see subdivision under Lithuania

SWEAT GLANDS

Structure and function of sweat glands in certain farm animals. D. O Priselkova Biul nauch -tekh inform VIZH no 1;49-53 '58

SWEDEN—INDUSTRIES

Truth about "Swedish exclusiveness" ("Concentration of industry in Sweden" by K. H. Hermansson. Reviewed by V. Panchenko) Mezhdunar. zhizn' 8 no. 8 127-130 Ag '61.

SWEDEN—PILING (CIVIL ENGINEERING)

Pile-driving equipment and piles in Sweden. M. I. Smorodinov Stroi i dor mash 6 no 6 38-39 Je '61

SWEDEN—PIPE, CONCRETE

Swedish practice in the manufacture of reinforced concrete pressure and pressureless pipes. Bet. i zhel. -bet no 7;334-3 of cover Jl '61.

SWEDEN—WASHING MACHINES

Semiautomatic laundry machines in Sweden. B. Nikitin Zhil. -kom. khoz 11 no 7 34 Jl '61.

SWIMMING

Master high-speed swimming. V. Gorshkov. Voen. znan 37 no. 8,24 Ag '61

We should strictly observe the rules of the use of bathing sites. Blok. agit. [Sov. Armii] no. 19 41-42 Jl '61.

SWINE

(see also subdivision under Pskov Province)

Combine for processing swine heads. N. Gimel'farb. Mias. ind. SSSR 32 no. 1;17-18 '61.

Device for processing swine heads. M. Nazarenko. Mias. ind. SSSR 32 no. 2 10-11 '61.

SWINE—DISEASES AND PESTS

Absorption of radioactive calcium in the body of healthy swine of different age groups and in the body of swine ill with infectious atrophic rhinitis Visnyk sil'hosp. nauky 4 no. 8;116-118 Ag '61.

SWINE—FEEDING AND FEEDS

(see also subdivision under Virgin Territory)

Betazine, a growth promoting substance used in fattening swine [with summaries in English, German, and French]. K. A. Orlov, G. I. Lazarev, A. D. Shevyrev. Vest. sel'khoz. nauki 6 no 7;72-77 Jl '61.

Effect of antibiotics on metabolism and weight gains in growing fattening swine [with summary in German] S M Kabozov, A A Antonov Biul. nauch -tekh inform VIZH no 2 31-37 '58

Effect of dry mycelial by-products from biomycin production on the metabolism of fattening swine [with summary in German] I G Privezak, A S Obraztsova Biul nauch -tekh inform VIZH no 2 38-40 '58

Far Eastern limestone as additional mineral feed for growing pigs [with summary in German] P S Popekhina, IU V Lebedev Biul nauch -tekh inform VIZH no 2 30-33 '58

Mechanized swine fattening stations serving several collective farms O IA Kovalenko, U S Vasyl'chenko, I M Hubko Mekh sil' hosp 12 no 8 21-24 Ag '61

Photoperiodism in the fattening of swine [with summary in German] A IA Klochkova Biul nauch -tekh. inform VIZH no 2 27-32 '59

Using tetramycin for feeding swine. N. Shaluev. Mias. ind SSSR 32 no. 1 37 '61.

SWINE BREEDING

[Economics and organization of swine breeding] Ekonomika i organizatsiia svinovodstva. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 288 p. (CU)

SWINE HOUSES AND EQUIPMENT

Bronfman, L. I., and L. S. Polonskii. [Small-scale mechanization for the maintenance of swine in large groups] Malaia mekhanizatsiia pri krupnogruppovom soderzhanii svinei. Kishinev, Gos. izd-vo "Kartia moldovenjaske," 1961. 86 p. (DA)

Mechanized fattening section of a hog house. M Lila and others Tekh v sel'khoz 21 no 7 35-37 Jl '61.

Mechanized feed distribution at swine fattening stations. P. Mifle. Tekh. v sel'khoz. 21 no. 8 40-42 Ag '61.

New type of swine-fattening farm for 10,000 head O Sycheva's'kyi, IU Kobozev Sil' bud 11 no 7 5-8 Jl '61

Removing manure for swine houses. N. Tolstykh. Tekh. v sel'khoz. 21 no. 8;42-13 Ag '61.

SWITCHING THEORY

Analysis of switching circuits corresponding to non-parallel-sequential graphs. A. D Khalkevich, V. P Shvalb Probl pered inform no 9 70-78 '61

Analytic determination and methods for calculating the probabilities of losses in switching circuits G P. Basharin Probl pered inform no 9,5-47 '61.

Asynchronous logical nets O. P. Kuznetsov. Probl. pered inform no 9;103-115 '61

Canonical method for the synthesis of switching circuits [with summary in English]. A. Sh Blokh Avtom. i telem 22 no. 6 756-764 Je '61.

Design of switching with the presence of bypass networks. Chen' TSzian'-Han, [Ch'én Chien Hang] Probl pered inform no 9,116-129 '61

Determining the number of receiving relays and separating elements for switching circuits. V. F. D'iachenko Probl pered. inform no. 9,130-143 '61.

Distribution of communication losses in separate sections of the network with direct connections. V. G. Dedobolshch. Elektrosviaz' 15 no 8 62-68 Ag '61

Method for designing switching circuits with a small number of contacts V V Obraztsov Izv vys. ucheb zav., elektromekh. 4 no 6 70-75 '61.

Synthesis of contactless LLI-I relay networks. V. G. Lazarev Probl pered. inform no. 9;144-149 '61.

SWITCHMEN

Meet Polina Ezhova. IU. Vostokov. Sov. shakht. 10 no 3;21 Mr '61.

SWITZERLAND—ATOMIC ENERGY RESEARCH

Atomic energy research in Switzerland. V. G. Kiriliov-Ugriumov. Atom. energ 11 no. 1;78-80 Jl '61

SWITZERLAND—FOUNDING

Founding in Switzerland I. A. Onufriev Lit proizv. no. 8;43-48 Ag '61

SWITZERLAND—RAILROADS—SNOW PROTECTION AND REMOVAL

Protection against avalanches. I. G Grushevoi. Put' i put khoz. 5 no. 4;48 Ap '61.

SYENITE see subdivision under Tien Shan

SYMPATHETIC NERVOUS SYSTEM see Nervous system, Sympathetic

SYMPHONY ORCHESTRAS see subdivision under Moscow

SYNCHRONOUS MOTORS see Electric motors, Synchronous

SYNCHROTRON

Correlation between the normal polarization components in 650 mev. proton-proton scattering. Part I [with summary in English]. B. M Golovin, V. P. Dzhelepov, R. IA. Zul'karneev Zhur. eksp i teor fiz 41 no. 1; 83-88 Jl '61

Electron losses in a synchrotron due to the quantum nature of the radiation [with summary in English] P S Landa Zhur eksp i teor fiz 40 no 4 1119-1123 Ap '61

Greater stability of the parameters of a synchrotron by stabilizing the power source of the electromagnet. N N Chernov, V I Chesnokov Zhur. tekh. fiz. 31 no 5 627-629 My '61

Theory of synchrotron emission A A Sokolov, I M Ternov Izv vys ucheb zav., fiz no 2 3-13 '61

Total cross sections of the interaction of K^+ and π^+-mesons having pulse energies of 1.75 and 3.7 bev/c with protons and nuclei [with summary in English] M F Likhachev and others Zhur eksp i teor fiz 41 no 1 38-41 Jl '61

SYNTHETIC FABRICS

Fabrics with artificial and synthetic fibers F. Feoktistov. Sov torg 34 no 6 43-44 Je '61

Industrial fabrics made from synthetic fibers. L. V Potapova Tekst prom 21 no 4 25-26 Ap '61.

SYNTHETIC FIBERS see Textile fibers, Synthetic

SYNTHETIC PRODUCTS

Friedlina, R. Kh., and Sh. A. Karapetian. [Telomerization and new synthetic materials] Telomerizatsiia i novye sinteticheskie materialy. Moskva, Izd-vo Akad. nauk SSSR, 1961. 99 p. (Nauchno-populiarnaia serila)

Quickly and firmly V. Beletskaia Ogonek 39 no 23 15 Je '61

SYNTHETIC RUBBER see Rubber, Synthetic

SYR DARYA VALLEY—FOREST INSECTS

Injurious insect fauna of oleaster in the tugai forests of Central Asia and Kazakhstan [with summary in English] IU V Sinadskii Zool zhur 40 no. 7 1019-1029 Jl '61

SYR DARYA VALLEY—KARST

Loess karst in the lower Syr Darya. M. I. Subbota. Izv. AN Kazakh. SSR. Ser. geol. no. 2 117-121 '61.

SYR DARYA VALLEY—LOESS

Loess karst in the lower Syr Darya. M. I. Subbota. Izv. AN Kazakh. SSR. Ser. geol. no. 2 117-121 '61.

SYRIA—DESCRIPTION AND TRAVEL

Rich is the land of Syria. A. Shvakov. Az. i Afr. seg. no 1 30-31 Ap '61

SYRIA—LABOR AND LABORING CLASSES

Situation of workers and the trade-union movement in Syria V. M Fedorenko Uch zap Ist nar Azii 22;72-86 '60

SYRIA—TRADE UNIONS

Situation of workers and the trade-union movement in Syria V. M Fedorenko Uch. zap Ist nar. Azii 22;72-86 '60

SYROECHKOVSKII, BORIS EVGEN'EVICH, 1881-1961

B. E. Syroechkovskii; obituary. Vop. ist. no. 7 212-213 Jl '61

SYR'YANY REGION—VOLCANIC ASH, TUFF, ETC.

Traces of volcanic activity in Devonian deposits of the northern part of Kirov Province S I Shevtsov, M L Kiligina Dokl AN SSSR 139 no 3 696-698 Jl '61

SYSTEMS (CHEMISTRY)

Akademiia nauk SSSR. Institut obshchei i neorganicheskoi khimii. [Reference book on the fusibility of systems of anhydrous inorganic salts] Spravochnik po plavkosti sistem iz bezvodnykh neorganicheskikh solei. Sost. N. K. Voskresenskaia i dr. Moskva.
Vol. 2. [Ternary, ternary reciprocal, and multicomponent systems] Sistemy troinye, troinye vzaimnye i bolee slozhnye. 1961. 585 p.

Chain reaction kinetics of multicomponent systems Part 2 Two-component systems; effect of the composition of the system on the reaction kinetics [with summary in English] V F. TSepalov Zhur. fiz khim 35 no 7;1443-1452 Jl '61

Density and molar volumes of melts of a reciprocal system consisting of potassium, barium nitrites and nitrates. P I Protsenko, A. IA. Malakhova. Zhur. neorg. khim. 6 no. 7;1662-1670 Jl '61.

Effect of the dielectric constant of the solvent on the viscosity of electrolyte solutions. Part I. Systems $N(C_2H_5)_4Br$ - CH_3COOH and $N(C_2H_5)_4Br$ - $CHCl_3$. E. IA. Gorenbein. Ukr khim zhur. 27 no 4 466-469 '61.

Fusibility diagrams of certain salt systems containing potassium fluozirconate. Part I. I. N. Sheiko, R. V. Chernov, V. S Kikhno. Ukr khim zhur. 27 no. 4; 169-173 '61

Fusibility in binary systems formed by tungsten hexachloride and molybden pentachloride with aluminum and iron chlorides. B. G. Korshunov, V. I. Gol'din Zhur. neorg. khim 6 no. 7;1642-1644 Jl '61

Interaction in the quaternary reciprocal displacement system $Cu_2Cl_2+PbCl_2+2Zn \rightarrow 2ZnCl_2+2Cu+Pb$ Zhur. neorg khim. 6 no 7;1636-1641 Jl '61

SYSTEMS (CHEMISTRY) (Continued)

Isothermal solubility diagram of the ternary system $NH_4Fe(SO_4)_2$ - $NH_4Al(SO_4)_2$ - H_2O at 10 and 25° IU D Tret'iakov, A Kh Bagdasar'ian Zhur neorg khim 6 no 7 1681-1684 Jl '61

Liquid -vapor phase equilibrium in systems formed by $TiCl_4$, $VOCl_3$, and $POCl_3$ L A Nisel'son, T D Sokolova Zhur neorg khim 6 no 7 1645-1651 Jl '61.

Solubility of solid phases in the aqueous reciprocal system $CuCl_2+Na_2SO_4 \rightleftarrows CuSO_4+NaCl_2$ at 25°. I.G. Druzhinin, O A. Kostakina Zhur neorg khim 6 no 7 1702-1712 Jl '61

Study of complexing in nonaqueous solutions. Part 4 Temperature variation method. A.A.Chaikhorskii. Radiokhimiia 3 no.4 440-447 '61.

Study of multicomponent nickel systems. L I. Pilakhina Dokl AN SSSR 139 no 3 618-621 Jl '61

Study of the system $NaAlO_2$ - KALO - KOH - NaOH - K_2SO_4 - Na_2SO_4 - H_2O (K - Na - AlO_2 - OH - SO_4 - H_2O) B. Kh Shvartsman, N S Volkova Zhur prikl khim. 34 no 7 1490-1502 Jl '61

SZYMANOWSKA, MARIA AGATA (WOLOWSKA), 1789-1831

A book on Szymanowska ("Maria Szymanowska and her times" [in Polish] by Teofil Stga, Stanislav Szenic. Reviewed by I.Belza) Sov.muz. 25 no.7 142-143 Jl '61

TABARI, ESHAN, 1917-

Book on a progressive poet of modern Iran ("Studies on Eshan Tabari's life and work" by Sh Shamukhamedov. Reviewed by M. [Aukacheva) Obshchestv nauk v Uz. no 5-61-62 '61

Shamukhamedov, Sh. M. [Ihsan Tabari; an account of his life and work] Eshan Tabari, ocherk zhizni i tvorchestva. Tashkent, Goslitizdat UzSSR, 1959. 212 p.
(MH)

TABET, ANTOINE GEORGES

Our friend Antoine Georges Tabet Az i Afr. seg no 7 4 Jl '61

TACHOMETER see subdivision under Riga

TACTICS

Commander, tutor, comrade V. Karpov. Starsh - serzh no 4 4-5 Ap '61

Development of tactical thinking. V. Ofitserov. Voen. vest. no.9 54-58 S '60.

Fire, maneuver, and assault on the battlefield N. Zubkov Voen. znan 37 no 8 35-36 Ag '61

Unremitting attention to tactical training. G. V. Zimin Vest. protivovozd obor. no.5 5-9 My '61

TACTICS—PROBLEMS, EXERCISES, ETC.

What's your solution? Voen. vest. no.9 39-41 S '60.

TAGANROG—COMBINES (AGRICULTURAL MACHINERY)

Carrying out the seven-year plan A M. Merkulov. Mashinostroitel' no. 8 3 Ag '61.

TAGANROG—EDUCATION, ELEMENTARY

In a progressive school. A. M Aleksandrov. Nach. sokola 29 no 7 7-14 Jl '61.

TAGIL RIVER BASIN—PRECAST CONCRETE

Air-entrained slag and ash concrete parts for precast construction D. E Kuz'menko, L. M Rozenfel'd, N. I Levin Stroi mat 7 no 6 2-7 Je '61

TAJIKISTAN—AGRICULTURE

Eishov, N. N. [Agriculture of the Tajiks in Leninabad District of the Tajik S. S. R. before the October Revolution, a historical and ethnographical study] Sel'skoe khoziaistvo tadzhikov Leninabadskogo raiona Tadzhikskoi SSR pered Oktiabr'skoi revoliutsiei; istoriko-etnograficheskii ocherk. Stalinabad, Izd-vo Akad. nauk Tadzhikskoi SSR, 1960. 172 p (Akademiia nauk Tadzhikskoi SSR, Stalinabad. Institut istorii, arkheologii i etnografii. Trudy, vol. 26)

TAJIKISTAN—DIET

Changes in the dietary habits of the rural population of Tajikistan during their migration from mountainous locations to the valleys [with summary in English] V A Serebriakov, K. B. Baratov. Vop pit 19 no 2:9-12 Mr-Ap '60

Wild leafy plants as a source of vitamin C in food rations of collective farmers in southern Tajikistan N Kh Mukhsin-Zade Vop. pit 20 no 4 76-78 Jl-Ag '61

TAJIKISTAN—ECONOMIC CONDITIONS

Sharipov, IA. [How the foundation of socialism in Tajikistan was built, 1929-1932] Iz istorii postroeniia fundamenta sotsializma v Tadzhikistane, 1929-1932 gg. Stalinabad, Izd-vo Akad. nauk Tadzhikskoi SSR, 1960. 162 p. (Akademiia nauk Tadzhikskoi SSR, Stalinabad. Institut istorii. Trudy, vol. 26)

TAJIKISTAN—NATURAL HISTORY

Selivanov, R. I. [Nature and natural resources of Tajikistan] Priroda i prirodnye resursy Tadzhikistana. Stalinabad, Tadzhikskoe gos. izd-vo, 1958 132 p.

TAJIKISTAN—VEGETABLES

Wild leafy plants as a source of vitamin C in food rations of collective farmers in southern Tajikistan N Kh Mukhsin-Zade Vop pit 20 no 4 76-78 Jl-Ag '61.

TAJIKISTAN—WORLD WAR, 1939-1945

Sechkina, L. P. [Heroic work of the Tajik people during the Great Patriotic War] Trudovoi podvig tadzhikskogo naroda v gody Velikoi Otechestvennoi voiny. Stalinabad, Izd-vo Akad. nauk Tadzhikskoi SSR, 1960. 202 p. (Akademiia nauk Tadzhikskoi SSR, Stalinabad. Institut istorii, arkheologii i etnografii. Trudy, vol. 25)

TALES

[Most mighty; tales of the peoples of the R. S. F. S. R. as recounted by Soviet writers] Samyi sil'nyi, skazki narodov RSFSR, rasskazannye sovetskimi pisateliami. Moskva, Gos. izd-vo detskoi lit-ry, 1961. 287 p.
(NN)

TALES, CHINESE

[The magic flute; Chinese folk tales. Translated from the Chinese] Volshebnaia fleita, kitaiskie narodnye skazki. [Moskva] Detskii mir, 1960. 26 p.
(CLU)

TALES, GEORGIAN

Dolidze, Nina, comp. [Fairy tales. Translated from the Georgian] Volshebnye skazki. Red. kol. E. B. Virsaladze, G. N. Leonidze, M. IA. Chikovani. Tbilisi, Zaria Vostoka, 1960. 365 p.
(MH)

TALES, TUNGUS

[Evenki tales. Translated from the Tungus] Evenkiiskie skazki. [Krasnoiarsk] Krasnoiarskoe knizhnoe izd-vo, 1960. 75 p.

TALES, TURKMEN

[Turkmen folk tales] Turkmen khalk ertekileri. Ashgabad, Turkmenistan dovlet neshiriaty, 1959. 278 p. [In Turkmen.]

TALIN DISTRICT—FEEDS

Effect of the time of mowing on the quantity and quality of green winter rye tops under dry-farming conditions of Talin District [in Armenian with summary in Russian] Kh. E. Safarian Izv Upr. sel'khoz nauki Arm SSR 4 no. 3 21-25 '61.

TALIN DISTRICT—RYE

Effect of the time of mowing on the quantity and quality of green winter rye tops under dry-farming conditions of Talin District [in Armenian with summary in Russian]. Kh. E Safarian. Izv. Upr. sel'khoz. nauki Arm. SSR 4 no. 3 21-25 '61.

TALIN DISTRICT—WINE AND WINE MAKING

Wine making in Talin District [in Armenian with summary in Russian]. E. S. Unanian Izv. Upr. sel'khoz. nauki Arm. SSR 4 no 2:73-77 '61

TALLINN—APARTMENT HOUSES

Types of apartments and apartment houses in Tallinn. L. Volkov, Sov. arkhit. no. 12:67-74 '60.

TALLINN—MACHINERY INDUSTRY—HYGIENIC ASPECTS

Sunshine penetrates the workshop. V. Apollonov. Okhr. truda i sots. strakh. 4 no. 6:9 Je '61.

TAL'SKOYE REGION—MAGNESITE

Service of refractory materials made of magnesite from Tal'skoye V M Tsynkina. Ogneupory 26 no 7 [illegible] 314 '61

TALYSH MOUNTAINS—MITES

Gamasid mites of the Lenkoran zone in Azerbaijan. A. T. Gadzhiev, A. M. Kireeva. Izv. AN Azerb SSR Ser. biol i med. nauk no. 4:37-44 '61.

TALYSH MOUNTAINS—TREES

Manifestation of evergreen character in some relict tree species of the Talysh [with summary in English] I. S. Safarov. Biul. MOIP, Otd. biol 66 no 4 35-42 Jl Ag '61.

TAMBOV IN LITERATURE AND ART

Iloskin, B. I. [Living witnesses; the Tambov region in literature] Tambovskii krai v khudozhestvennoi literature. [Tambov] Tambovskoe knizhnoe izd-vo, 1960. 78 p.
(MH)

TAMBOV PROVINCE—MAPS

Geographical atlas of Tambov Province. D. D. Arzeni. Geod i kart no 7 61-62 Jl '61

TAMRAZIAN, MARIIA

Mariia Tamrazian G Dzhanbenian Teatr 22 no 7 154 Jl '61

TANEEV, SERGEI IVANOVICH, 1856-1915

Cantatas of Taneev and Rimskii-Korsakov. G. Pollia[illegible] skii Sov. muz. 25 no 7:94-95 Jl '61.

TANEEV, VLADIMIR IVANOVICH, 1840-1921

"Childhood, youth; thoughts about the future" by V I Taneev Reviewed by M G Sedov. Vop filos 15 no. 7 171-173 '61.

TANK TRUCKS

Using tank-trucks for supplying sheep with water on seasonal pastures R Kaplan. Tekh v sel'khoz 21 [illegible] 31-33 Jl '61

TANK WARFARE

Artillery fire should be more complex. P. Andreev. Voen. vest. 40 no. 4:98-99 Ap '61.

Attack of a tank company in the mountains. Iu. Matsera. Voen. vest. no. 9:35-39 S '60.

Carefully organize and boldly execute. V. Kovalets. Voen. vest. no. 9:67-70 S '60.

Following difficult courses of battle to victory. M. Ba[illegible] kov. Voen. vest. no. 9:12-17 S '60.

High honor. A. Trifanov. Sov. voin 43 no. 8:29 Ap '61

In order to become a tank artillery expert I. Gurev. Starsh. serzh. no 1 8 Ja '61.

Main thing in the co-ordination of a unit Starsh. serzh. no. 2:7-8 F '61.

The number of groups does not solve the problem N. Belovol. Voen. vest. 40 no. 4:102-104 Ap '61.

The sappers took pains and the tanks passed I. Petrash. Starsh. serzh - no. 1 12-13 Ja '61

Stetsiuk, L. S. [The tank unit in battle] Tankovye podrazdeleniia v boiu, Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 254 p.

Tactical instruction for students of tank instructing units. V. Tregubov. Voen. vest. 40 no. 4 57-[illegible] Ap '61.

Tank fire in the mountains. Iu. Semenov. Voen. vest. no. 9:70-73 S '60.

Tank maneuvering and fire. V. Vlasov, A. Volosin. Voen. vest. 40 no. 4:21-25 Ap '61.

Valuable innovation of the Military Publishing House ("Tank battle near Prokhorovka" by P. A. Rotmistrov. Reviewed by I. Efimov). Voen. ist. zhur. 3 no. 4 95-[illegible] Ap '61.

TANKS

(see also subdivision under Lytkarino)

Assembling a precast reinforced concrete tank with a capacity of 100 cubic meters. N. IA. Tsukerman. M[illegible] i spets. rab. v stroi. 23 no. 7:18-20 Jl '61.

Manufacturing prestressed elements for precast reinforced concrete tanks. IU. A. Kupriikov, N. T. Kovalev, D. N. Dagkesamanskii. Stroi. truboprov. 6 no 6 21-23 Je '61.

Method of calibrating reinforced concrete tanks A. A. Afanas'ev. Neft. khoz. 39 no. 8:57-60 Ag '61

"Problems of strength in pipelines and reservoirs" Book review. Stroi. truboprov. 6 no 5:32 My '61

Reinforced concrete tanks for storing petroleum and petroleum products. S. I. Idashkin. Neft. khoz 39 no. 9:61-63 Ag '61.

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Technical specifications SN 26-58 for the preparation and erection of vertical steel cylindrical storage tanks] Tekhnicheskie usloviia[illegible]zgotovleniia i montazha stal'nykh tsilindricheskikh vertikal'nykh rezervuarov dlia khraneniia nefti i nefteproduktov SN 26-58. Perezdanie s izmeneniiami vvedennymi v deistvie s 1 iiulia 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 46 p.

TANKS (Continued)
TSukerman, N. IA. [Building precast and prestressed reinforced-concrete tanks] Opyt stroitel'stva sbornykh i predvaritel'no napriazhennykh zhelezobetonnykh rezervuarov. Leningrad, 1961. 72 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila Stroitel'naia promyshlennost', no. 2)

TANKS—MAINTENANCE AND REPAIR
Preparation of tanks for painting. V. P. Glindenov. Neftianik 6 no 7-25-26 Jl '61
Preparation of tanks for repair. K. I. Kniushkin. Neftianik 6 no 7:17-18 Jl '61

TANKS (MILITARY SCIENCE)
(see also subdivision under Czechoslovakia, United States)
All soldiers should follow the example of "Beacon lights." E. Lavrent'ev. Blok. agit. [Sov. Armii] no 17:16-19 Je '61
Armored troops of the Soviet Army. E. Kapitonov. Voen. znan. 37 no 8 11-15 Ag '61
At high speeds. P. IAkhlakov. Blok agit. [Sov. Armii] no 22 8-13 Ag '61.
In the birthplace of a valuable initiative. Blok. agit. [Sov. Armii] no 22 14-15 Ag '61.
Let's evaluate the results of military training as the high-principled Communists should. V. Romanov. Komm. Vooruzh. Sil 1 no 1 26-29 O '60
Manometer needle was stopped. A. Dobrokov, G. Gulyi. Starsh.-serzh. no 1 27 Ap '61
May our propagandists improve their talks. V. Shishov. Blok. agit. [Sov. Armii] no. 21, 10-12 Jl '61.
Propagandistic talks during field exercises. I. Chuguev. Blok. agit. [Sov. Armii] no. 20:25-27 Jl '61.
Relay race of fighting glory. P. IAkhlakov. Voen. znan. 37 no 8 5-6 Ag '61
Soviet soldiers make their contributions for the party congress. Blok. agit. [Sov. Armii] no. 21, 13-16 Jl '61.
System for warming up heavy tanks. Starsh.-serzh. no 1 21 Ja '61.
Tankmen stick to their word. Sov. voin 43 no. 16:8-12 Ag '61.

TANKS (MILITARY SCIENCE)—COLD WEATHER OPERATION
From tank ovens to reliable preheaters. V. Baranovskii, I. Karakal'ko. Starsh.-serzh. no 1:32 Ja '61.
In the slushy season. M. Stepochkin. Starsh.-serzh. no 1 29 Ap '61.
Winter is no obstacle for tanks. A. Kukarin, A. Kolesnikov. Starsh.-serzh. no 1 21 Ja '61.

TANNING
Two-phase chrome tanning using masking reagents in the first phase. Z. A. Rudnitskii. Izv. vys. ucheb. zav., tekh. leg. prom. no. 3, 42-46 '61.

TANNU-TUVA see Tuva Autonomous Province

TANSY
Analysis of Tanacetum vulgare for the presence of manganese and the influence of manganese salts on the accumulation of ethereal oil and tanning substances [with summary in English]. N. S. Ignat'eva. Apt. delo 10 no. 3:19-24 My-Je '61.

TANTALUM COMPOUNDS
Investigation of the process of cocrystallization of protactinium with complex compounds of titanium, niobium, and tantalum. A. V. Lapitskii, Chzhuan IA-ui, L. A. Savich. Radiokhimiia 3 no. 3 241-245 '61.

TAR OILS
Use of tar oil. A. M. Riabov. Mast.-zhir. prom. 27 no 7:41 Jl '61.

TARBAGATAY RANGE—BIRDS
Ornithogeographical characteristics of the Tarbagatay Range. D. I. Bibikov, M. N. Korelov. Trudy Inst. zool. AN Kazakh. SSR 15:12-39 '61.

TARGETS (MILITARY SCIENCE)
For high precision in determining the co-ordinates for air targets. V. I. Diakonov. Vest. protivovozd. obor. no. 5, 57-60 My '61
Pneumoelectric target installation. V. Kuznetsov. Voen. vest. no. 9:81-84 S '60.
Radio control of targets. M. Chernyshev. Voen. vest. 40 no. 4 107-109 Ap '61.
Reliable hit indicator. N. TSybul'skii. Voen. vest. 40 no. 4, 104-107 Ap '61.
Rocket which does not burn out. M. Nechitailov. Starsh.-serzh. no 2 32-33 F '61
Simple, reliable, and useful. G. Bozh'ev. Voen. vest. no. 9:79-81 S '60.

TARIM DEPRESSION—PHYSICAL GEOGRAPHY
[Kunlun and Tarim; studies of natural conditions] Kun'lun' i Tarim; ocherki prirodnykh uslovii. Moskva, Izd-vo Akad. nauk SSSR, 1961. 211 p.

TARKHANKUT, CAPE—PALEONTOLOGY, STRATIGRAPHIC
Zone with Variamussium fallax Korob. in the Paleogene of the Crimean-Carpathian area. B. F. Zernetskii, D. E. Makarenko. Dokl. AN SSSR 139 no 1 950-951 Ag '61

TARTARIC ACID—PHYSIOLOGICAL EFFECT
Stimulation of the growth of molds by carbon dioxide and the effect of mesotartaric acid on this process [with summary in English]. S. A. Baranova. Mikrobiologiia 29 no. 2:161-163 Mr-Ap '60

TARTU—MEDICINE—STUDY AND TEACHING
Evaluation of practical skills and habits. A. V. Khoin. Sred. spets. obr. 8 no 6, 27-29 Je '61.

TARUSA REGION—CONCRETIONS
Carbonate concretions in relict meadow soils in the southern part of the forest zone. V. V. Dobrovol'skii. Nauch. dokl. vys. shkoly, biol. nauki no 3 180-184 '61

TASHKENT—AERONAUTICS
Eyewash specialists in the Tashkent Aeronautics Club. S. Ignat'ev, N. Kobyzev. Kryl. rod. 12 no 5 28 My '61

TASHKENT—AGRICULTURAL MACHINERY INDUSTRY
On the 30th anniversary of the building of the "Tashsel'mash" Plant. M. Kasymova. Obshchestv. nauki v Uz. no 5 41-46 '61

TASHKENT—CITY PLANNING
Redevelopment of Tashkent. M. Bulatov. Sov. arkhit. no. 12 55-66 '60
Where it was vacant land not long ago. Zhil.-kom. khoz. 11 no. 7, 2 of cover Jl '61

TASHKENT—CONCRETE SLABS
Sawing prestressed concrete slabs in Tashkent. I. I. Nikolaev. Bet. i zhel.-bet. no. 6 274-275 Je '61

TASHKENT—HISTORY
An important source for the history of Tashkent. E. Khodzhiev. Obshchestv. nauki v Uz. no. 5 63-65 '61

TASHKENT PROVINCE—CARROTS
Investigating the essential oil from the fruit of the wild carrot Daucus carota L. occurring in Central Asia. G. V. Pigulevskii, V. I. Kovaleva. Trudy Bot. inst. Ser. 5 no 8 15-23 '61

TASTE
Physiological action of food of varying quality and quantity on taste sensitivity [with summary in English]. N. S. Zaiko. Vop. pit. 20 no 4 9-14 Jl-Ag '61

TATAR A. S. S. R.—COMMUNIST PARTY OF THE SOVIET UNION
Tolstiakov, K. A. [The struggle of the Kazan Bolsheviks for the consolidation of Soviet power in Tataria, 1917-1918] Bor'ba Kazanskoi organizatsii bol'shevikov za uprochenie Sovetskoi vlasti [v Tatarii] 1917-1918 gg. Kazan', Tatarskoe knizhnoe izd-vo, 1960. 140 p. (MH)

TATAR A. S. S. R.—COMMUNIST YOUTH LEAGUE
[Facts and figures about the Communist Youth League of Tataria] Komsomol Tatarii v tsifrakh i faktakh. Izd. 2., dop. Kazan', Tatarskoe knizhnoe izd-vo, 1960. 90 p.
Seifi, Nur. [Fulfilled dreams; reminiscences of an old activist of the Communist Youth League] Mechty stali byl'iu; iz vospominanii starogo komsomol'skogo aktivista. Kazan', Tatarskoe knizhnoe izd-vo, 1960. 111 p.

TATAR A. S. S. R.—ECONOMIC CONDITIONS
Klimov, I. M. [The establishment and development of the Tatar A. S. S. R., from 1920 to 1926] Obrazovanie i razvitie Tatarskoi ASSR, 1920-1926. [Kazan'] Izd-vo Kazanskogo univ., 1960. 367 p.

TATAR A. S. S. R.—GEOLOGY, STRATIGRAPHIC
Problem of the boundary between the Carboniferous and the Permian [with summary in English]. F. S. Mal'kovskii. Biul. MOIP. Otd. geol. 36 no. 2 102-104 Mr-Ap '61.

TATAR A. S. S. R.—HISTORY
"The establishment and development of the Tatar A. S. S. R., from 1920 to 1926" by I. M. Klimov. Reviewed by N. V. Mansvetov. Ist. SSSR 5 no. 4 171-173 Jl-Ag '61
Tolstiakov, K. A. [The struggle of the Kazan Bolsheviks for the consolidation of Soviet power in Tataria, 1917-1918] Bor'ba Kazanskoi organizatsii bol'shevikov za uprochenie Sovetskoi vlasti [v Tatarii] 1917-1918 gg. Kazan', Tatarskoe knizhnoe izd-vo, 1960. 140 p. (MH)

TATAR A. S. S. R.—OIL WELL DRILLING FLUIDS
Berezhnoi, A. I. [Drilling fluids and cement slurries in oil well drilling; from drilling practice in the Tatar Economic Region] Promyvochnye zhidkosti i tsementnye rastvory v burenii skvazhin; iz opyta burenila v Tatarskom ekonomicheskom raione. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 105 p.

TATAR A. S. S. R.—REVOLUTION, 1917-1921
Klimov, I. M. [The establishment and development of the Tatar A. S. S. R., from 1920 to 1926] Obrazovanie i razvitie Tatarskoi ASSR, 1920-1926. [Kazan'] Izd-vo Kazanskogo univ., 1960. 367 p.
Seifi, Nur. [Fulfilled dreams; reminiscences of an old activist of the Communist Youth League] Mechty stali byl'iu; iz vospominanii starogo komsomol'skogo aktivista. Kazan', Tatarskoe knizhnoe izd-vo, 1960. 111 p.

TATAR A. S. S. R.—SPORTS
Successes of the sportsmen of Tataria. S. Antonov. Voen. znan. 37 no 8 20 Ag '61.

TATAR A. S. S. R.—SPORTS—HYGIENIC ASPECTS
Medical control of sports in the Tatar A. S. S. R. F. Kh. Fatkullin. Zdrav. Ros. Feder. 5 no 7:16-20 Jl '61

TATAR A. S. S. R.—TEACHING
Increasing the efficiency of a lesson. IA. I. Khanbikov. Sov. pedag. 25 no. 7:149-150 Jl '61

TATAR A. S. S. R.—VIEWS
[Tatar A. S. S. R.; a photoalbum] TASSR; fotoal'bom. Kazan', Tatarskoe knizhnoe izd-vo, 1960. 1 v.

TATAR A. S. S. R.—VOCATIONAL EDUCATION
Technical council in the province administration. A. Ostrovskii. Prof.-tekh. obr. 18 no 7, 15 Jl '61.

TATAR LANGUAGE—SYNTAX
Zakiev, M. Z. [The modern Tatar literary language; syntax] Sovremennyi tatarskii literaturnyi iazyk; sintaksis. Uchebnoe posobie dlia studentov otdeleniia tatarskogo iazyka i literatury universitetov i pedinstitutov. [Kazan'] Izd-vo Kazanskogo univ., 1958. 242 p. (MH)

TAVDA VALLEY—GAS, NATURAL—GEOLOGY
Li, P. F., and O. V. Raydonikas. [Geological structure and prospects for finding oil and gas in the Tavda River Basin of the West Siberian Plain] Geologicheskoe stroenie i perspektivy neftegazonosnosti basseina r. Tavdy Zapadno-Sibirskoi nizmennosti. Leningrad, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry. Leningr. otd-nie, 1960. 169 p. (Leningrad. Vsesoiuznyi geologicheskii institut. Materialy, no. 38)

TAVDA VALLEY—PETROLEUM GEOLOGY
Li, P. F., and O. V. Raydonikas. [Geological structure and prospects for finding oil and gas in the Tavda River Basin of the West Siberian Plain] Geologicheskoe stroenie i perspektivy neftegazonosnosti basseina r. Tavdy Zapadno-Sibirskoi nizmennosti. Leningrad, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry. Leningr. otd-nie, 1960. 169 p. (Leningrad. Vsesoiuznyi geologicheskii institut. Materialy, no. 38)

TAX COLLECTION see subdivision under Glazov Province

TAXATION see subdivision under Athens; Egypt

TAYMYR PENINSULA—AMMONOIDEA
Ammonites of Franz Josef Land and the Taymyr Peninsula and their significance for zonal correlation of the Kimeridgian in the Arctic. N. I. Shul'gina. Trudy NIIGA 111:136-149 '60

TAYMYR PENINSULA—BRACHIOPODA, FOSSIL
Lower Carboniferous brachiopods of the Taymyr Peninsula. T. A. Dedok, G. E. Cherniak. Trudy NIIGA 111; 52-81 '60.

TAYMYR PENINSULA—GEOLOGY, STRATIGRAPHIC
Stratigraphic system of lower Carboniferous deposits of the Taymyr Peninsula. G. E. Cherniak. Trudy NIIGA 111;11-23 '60

TBILISI see Tiflis

TEA see subdivision under Assam, India

TEA—COSTS
Shortcomings of the methods used in calculating the production cost of the green tea leaf. V. R. Papunidze. Dokl. i soob. VNIESKH no. 4 154-156 '58.

TEA TRADE see subdivision under Georgia

TEACHERS
(see also subdivision under Ukraine)
Brief news. Nar. obr. no. 8:85 Ag '61.
I am proud of my profession. A. A. Burlak. Doshk. vosp. 34 no
In the Ministr
shkola 29
Mirror o
vosp.
Two inste
int no

TEACHERS
Answerin
My '61
Paying sp
shchita

TEACHERS—SELECTION AND APPOINTMENT

Special rules governing the appointment and dismissal of educational personnel. E. Zhanabilov. Sov. gos. i pravo 31 no. 3 121-127 Ag '61

TEACHERS, TRAINING OF
(see also subdivision under Chuvashia, Kalinin Province, Kazan, Kharkov Province, Moscow, Perm, Ukraine, Zaporozh'ye)

Brief news. Sred. spets. obr. 8 no. 6:64 Je '61

In the Ministry of Education of the R.S.F.S.R. Nach. shkola 29 no. 6:93-97 Je '61

Responsibility of normal schools. L. A. Lebedeva. Doshk. vosp. 34 no. 6 20-21 Je '61.

TEACHING
(see also subdivision under Kirovgrad; Krasnodar Province, Ryazan Province, Tatar A.S.S.R., Ukraine)

Activation of the educational process. S. Urnupina. Shkola-int. no. 2 22-24 Mr-Ap '61

Against routine in the testing of knowledge ("Testing of knowledge and cognitive activity of the class" by N.G. Dairi. Reviewed by I. Ozerskii). Nar. obr. no. 8 95-96 Ag '61.

Against stereotypes in educational work. A. Aleksandrov. Prof.-tekh. obr. 18 no. 6 22-23 Je '61

Arousing the cognitive activity of students in acquiring general knowledge. I. O. Synytsya. Rad. shk. 40 no. 8 24-30 S '61

Calendar plan of a teacher. V. A. Puzanov. Sred. spets. obr. 8 no. 7,14-16 Jl '61

Curricular guides on methods. V. V. Shuriaev. Sred. spets. obr. 8 no. 7,1-5 Jl '61

Efficient teaching methods. V. D. Sokolova. Nach. shkola 29 no. 8 21-16 Ag '61.

Encouraging students' thinking during lessons. N. V. Modestova. Nach. shkola 29 no. 8 22-26 Ag '61.

Every student needs attention. S. Korneeva. Nar. obr. no. 8 8-9 Ag '61.

First steps. N. P. Pestova. Doshk. vosp. 34 no. 6 44-45 Je '61

Interesting method of spreading progressive experience. L. D. Mryshchuk. Rad. shk. 40 no. 5 86 My '61

Let's complete the school year with success. Shkola-int. no. 3 12-16 My-Je '61

Let's increase the efficiency of lessons. K. Magovkina. Nar. obr. no. 8 10-11 Ag '61.

The most important problem. A. Efremova. Nar. obr. no. 8 4-5 Ag '61.

Our consultations. Sred. spets. obr. 8 no. 6:63 Je '61

Sense of measure. I. O. Synytsia. Rad. shk. 40 no. 5 82-84 My '61

Some methods of increasing the effectiveness of reading and writing lessons. L. K. Nazarova. Nach. shkola 29 no. 7 27-36 Jl '61.

Suggested planning of academic material in grades 1-4. A. S. Pchelko, M. I. Moro. Nach. shkola 29 no. 7:74-90 Jl '61

Teacher showed inattentiveness. Rad. shk. 40 no. 5 81-82 My '61

Useful book on the didactic views of N. K. Krupskaia ("Didactics in the pedagogical system of N. K. Krupskaia" by E. I. Rudneva. Reviewed by B. P. Esipov). Sov. pedag. 25 no. 6,149-150 Je '61

With four grades. M. Mishchikhina. Nar. obr. no. 8, 5-7 Ag '61.

Yes, repeating a year is a great evil! G. Gorskaia. Nar. obr. no. 8 16-18 Ag '61.

TEACHING—CONGRESSES

Interuniversity scientific conference on the improvement [illegible] Sov.

Kirillov, I. A. [Present-day development of the technical qualification and culture of Soviet workers] Podʺem kulʹturno-tekhnicheskogo urovnia trudiashchikhsia v sovremennykh usloviiakh. Moskva, Izd-vo "Znanie," 1961. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 1, Istorita, no. 11)

Preparing for the 22d Congress of the CPSU. Za rul. 19 no. 11 Ap '61

Raising the cultural level and technological qualification of workers. L. P. Churina. Vop. filos. 15 no. 8 153-156 '61

We shall fulfill our obligations. Za rul. 19 no. 4:2 Ap '61

What school supervisors should know about the content of technical education. M. Skatkin, P. Stavskii, A. Shastov. Nar. obr. no. 8 22-34 Ag '61.

TECHNICAL SOCIETIES

Creative activity of technical personnel. G. Ivanov. Mias. ind. SSSR 32 no. 1 30-31 '61.

TECHNOLOGICAL INNOVATIONS
(see also subdivision under Armenia, Latvia)

The foresighted ones. L. Arnautov. Sov. profsoiuzy 17 no. 13 6-8 Jl '61

From everywhere and about everything. Okhr. truda i sots. strakh. 4 no. 6 48 Je '61

In the world of science and technology abroad. Prom. Arm. 4 no. 7 67-69 Jl '61

In the world of science and technology in the U.S.S.R. Prom. Arm. 4 no. 7,65-67 Jl '61

Opening the mail. Tekh. mol. 29 no. 6:32-33 '61.

People of achievements in work. S. Vladimirskii. Sov. profsoiuzy. 17 no. 13,46-47 Jl '61

Practices of the enterprises of economic councils. Mest. prom. i khud. promys. 2 no. 6:24 Je '61.

Suggestions of innovators. Grazhd. av. 16 no. 6:20-21 Je '61.

We dedicate the successes of our work to you, our party! Ogonek 39 no. 27:1 Jl '61.

TECHNOLOGICAL INNOVATIONS—BIBLIOGRAPHY see Bibliography—Technological innovations

TECHNOLOGY

A little bit about many things. Nauka i zhizn' 28 no. 6: 74-75 Je '61

News around the world. Tekh. mol. 29 no. 6:31 '61.

News from foreign countries. Nauka i zhizn' 28 no. 6: 19, 34, 41, 59 Je '61

Page of open letters. Tekh. mol. 29 no. 6:14 '61

Perusing foreign journals. Tekh. mol. 29 no. 6,24 '61.

TECHNOLOGY—BIBLIOGRAPHY see Bibliography—Technology

TECHNOLOGY—HISTORY see subdivision under Asia

TECHNOLOGY AND CIVILIZATION

Abstracts of articles published in the American periodical "Technology and culture," nos. 1-2, 1960. Vest. ist. mir. kulʹt. no. 3 127-147 My-Je '61

TEETH

Find of the teeth of Archidiskodon meridionalis (Nesti) in Kazakhstan. I. A. Dubrovo. Mat. po ist. fauny i flory Kazakh. 3 58-61 '61.

Formation of the rhamphotheca in birds. D. N. Gofman. Ornitologiia no. 2:63-76 '59.

TEHERAN CONFERENCE, 1943

The three-power Teheran Conference. Mezhdunar. zhizn' 8 no. 8:144-158 Ag '61.

TEKES VALLEY—PASSERIFORMES

[illegible]e passerine birds of the central Tien [illegible]inokurov. Trudy Inst. zool. AN Kazakh [illegible] '61

[illegible]TION

[illegible], Society of Radio Engineering and Elec[illegible]s ion. Radiotekhnika 16 no. 7:78-80 Jl [illegible]

[illegible]n the contact network and methods [illegible]em in evaluating the effect of electric [illegible]sing single-phase current on wire [illegible]stems. V. N. Livshits. Elek. zhel. [illegible] '61.

[illegible]nal equipment. Iu. V. Anosov. Vest. [illegible] no. 3,60-63 Mr '61.

[illegible]ON—BIBLIOGRAPHY see Bibliog[illegible]nication

[illegible]ON—EQUIPMENT AND SUPPLIES

[illegible]lektrosviaz' 15 no. 8:75-76 Ag '61.

[illegible]munication losses in separate sec[illegible]k with direct connections. V. G. [illegible]ektrosviaz' 15 no. 8:62-68 Ag '61.

[illegible]ynchronous start-stop systems on [illegible]on lines. V. I. Kirsanov, E. B. Minkin. [illegible] no. 8:58-61 Ag '61.

Kosolapenko, G. B., and S. G. Mileikovskii. [Special measurement in wire communications] Spetsial'nye izmerenilia v provodnoi sviazi. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1961. 332 p.

TELEPATHY see Thought transference

TELEPHONE

Analytic determination and methods for calculating the probabilities of losses in switching circuits. G. P. Bashariu. Probl. pered. inform. no. 9:5-47 '61

General loss formula for unequally accessible connections. O. S. Shilov. Elektrosviaz' 15 no. 8:69-70 Ag '61.

Investigation of balanced modulators in multiplex [illegible]ony based on the Hall effect. S. Sukhanov. Izv. AN Turk. SSR. Ser. fiz.-tekh., khim. i geol. nauk no. 2:3[illegible] '61

Kosolapenko, G. B., and S. G. Mileikovskii. [Special measurement in wire communications] Spetsial'nye izmerenilia v provodnoi sviazi. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1961. 332 p.

TELEPHONE—ELECTRONIC EQUIPMENT

Electronic transducer of random signals. V. I. NeimanIU, V. Paramonov. Probl. pered. inform. no. 9:93-[illegible] '61

TELEPHONE, AUTOMATIC

Construction of a circuit for the recognition of the subscriber's number in crossbar automatic telephone exchanges. V. F. Dilachenko. Probl. pered. inform. no. 9:206-217 '61

[Control systems in crossbar automatic telephone exchanges] Upravliaiushchie ustroistva koordinatnykh ATC; informatsionnyi sbornik. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1961. 160 p. (Tekhnika sviazi za rubezhom)

Principles of designing a small contactless automatic telephone exchange using magnetic elements. M. I. Avrukh, L. M. Magidson, V. G. Dmitriev. Probl. pered. inform. no. 9 150-159 '61.

Small IPiT-20 electronic automatic telephone exchange with pulse conversion of the speech currents. V. I. Ivanitskii, A. D. Kharkevich. Probl. pered. inform. no. 9, 182-192 '61

Speech channel of an electronic automatic telephone exchange with pulse-width conversion. V. I. Ivanitskii, A. D. Kharkevich. Probl. pered. inform. no. 9 150 [illegible] '61.

Special features of electronic automatic telephone exchanges with passive contacts. M. P. Pokrass. Probl. pered. inform. no. 9:100-101 '61

Use of an apparatus of algorithm logic circuits for substantiating the efficiency of the structure of an electronic marker in a crossbar telephone substation. Chzhou Fu-iui, [Chou Fu-yu]. Probl. pered. inform. no. 9:193-205 '61.

TELESCOPE

Electromechanical system for program control of a telescope. Iu. A. Sabinin, Z. N. Mamedova. Izv. vyss. ucheb. zav., elektromekh. 4 no. 7,103-108 '61

Practice of the section of telescope construction of the Moscow Branch of the All-Union Astronomical and Geodetic Society. M. M. Shemiakin. Biul. VAGO no. 29 50-53 '61

TELESCOPE, RADIO see subdivision under Crimea

TELESCOPE, REFLECTING

Handmade 320 millimeter reflecting telescope. A. S. Fomin. Biul. VAGO no. 29 11-17 '61.

TELEVISION

Automation in television. V. S. Polonik, I. I. TSukerman. Tekh. kino i telev. 5 no. 6:28-33 Je '61

Conditions for obtaining images with an equal clearness of spiral and line scanning. K. V. Saprykin. Radiotekhnika 16 no. 7:46-51 Jl '61.

Exchange of experience. L. Saltanov, Iu. Evgenʹev, B. Sidorov. Radio no. 4:54 Ap '61.

Ferroresonant stabilizers. Radio no. 4:57-59 Ap '61

Highly stable terminal stages of low-frequency transistor sweep generators. A. Z. Model', V. V. Drangilis. Radiotekhnika 16 no. 7:52-59 Jl '61.

Preparing for the 22d Congress of the CPSU. Tekh. kino i telev. 5 no. 6:1-3 Je '61.

SN-200 voltage stabilizer for television power supply. V. Bukhvalov. Radio no. 4:52 Ap '61.

Use of television in underwater biological investigations in the Black Sea. M. IE. Salʹnykov. Nauk. zap. Ob. Biol. sta. no. 1:127-130 '59.

TELEVISION—ANTENNAS

Antenna for long-distance television reception. K. Klimchenko. Radio no. 4:28-29 Ap '61.

Television antennas. Radio no. 4:31-32 Ap '61

TELEVISION—BIBLIOGRAPHY see Bibliography—Television

TELEVISION—EXHIBITIONS

Fedorov, L. V. [Television equipment at the 1960 Exhibition of the Achievements of the National Economy of the U. S. S. R.] Televizionnaia apparatura na VDNKh, ekspozitsiia 1960 g. Moskva, Gos. energ. izd-vo, 1961. 79 p. (Massovaia radiobiblioteka, no. 403)

TELEVISION—INTERFERENCE

Protection of television receivers from certain types of interference N Starikova Radio no 1 59 Ap '61

TELEVISION—RECEIVERS AND RECEPTION

Apparatus for checking the basic parameters of television signals at the reception point A IA Stukman, A V Serdobol'skii Tekh kino i telev 5 no 6:65-67 Je '61.

Automatic frequency control of a heterodyne. P. Korobeinikov Radio no 5 43-45 My '61

Long-distance television reception in 1960 K Kosikov Radio no. 1 30 Ap '61

One thousand television receivers to surpass the plan S Frolov Radio no. 1 3-4 Ap '61

Redesigning of the "Luch" television receiver for operation with 35LK2B picture tubes A Andreeva, IU Burumkulov Radio no 4-33-34 Ap '61.

"Volna" and "Druzhba" television receivers V. Klibson, N Izmailov. Radio no. 5-37-40 My '61.

TELEVISION—REPAIRING

Elinashkevich, S. A. [Elimination of faults in television receivers] Ustranenie neispravnostei v televizore. Izd. 3., perer. i dop Moskva, Gos. energ. izd-vo, 1961. 205 p. (Massovaia radiobiblioteka, no. 387)

Repaired by amateurs. A. Chalov and others. Radio no. 5 46 My '61.

TELEVISION—STANDARDS

Television standards and parameters of television receivers. Radio no. 5 56-59 My '61

TELEVISION—TRANSMITTERS AND TRANSMISSION see subdivision under Alma-Ata, Cape Girardeau, Mo., Moscow

TELEVISION BROADCASTING

First international television broadcasting from the Soviet Union. Tekh kino i telev 5 no 6:4-5 Je '61

Information of the International Radio and Television Organization on the first television broadcasts from Moscow, communication from Prague. Tekh kino i telev. 5 no 6:94 Je '61

TELEVISION CAMERA TUBES

Luminophor as a storage medium in the television camera tube. P. V. Makovetskii Tekh kino i telev 5 no 6,41-47 Je '61

TELEVISION PICTURE TUBES

Restoration of a television picture tube. IU Tomashov Radio no 4 64 Ap '61

Use of vidicons in small-frame television systems. Tekh kino i telev 5 no. 6,74 Je '61.

TELEVISION STATIONS see subdivision under Kiev; Leningrad

TELIBA, OLENA, 1907-1942

Onats'kyi, IEvhen, and O. Zhdanovych. [The creative life and heroic death of Olena Teliha] Tvorche zhyttia i heroi's'ka smert' Olony Teliby. Buenos Aires, Ukrainske vyd-vo "Peremoha," 1949. 18 p. (InU)

TELLURIUM

Phase diagram of the system palladium - tellurium. Z S Medvedeva and others Zhur neorg khim. 6 no. 7:1737-1739 Jl '61.

TELLURIUM—ANALYSIS

Colorimetric determination of selenium and tellurium in sulfide ores. V. M. Tarasm, T. T Avak'ian. Zav lab 27 no. 8:987-970 '61.

Separation and determination of small amounts of tellurium. V N. Pavlova, N. G. Vasil'eva, S. E. Kashlinskaia Zav. lab 27 no. 8:965-966 '61

TELLURIUM—ELECTRIC PROPERTIES

Effect of imperfections in tellurium films on the magnitude of the electron--hole mobility ratio. In' Shi-duan' [Ying Shih-tuan], A. R Regel', Fiz. tver tela 3 no. 6: 1683-1687 Je '61.

Some characteristics of the electric properties of tellurium films with selenium impurities. In' Shi-duan' [Ying Shih-tuan]. Fiz tver tela 3 no 6 1688-1690 Je '61.

TELLURIUM—ISOTOPES

Resonant scattering of gamma rays on Te^{124} nuclei [with summary in English], A. F. Akkerman, D. K Kaipov, IU. K. Shubnyi. Zhur. eksp. i teor. fiz. 40 no. 4:1031-1032 Ap '61.

TELLURIUM—SPECTRA

Beta and gamma-spectra of Te^{117} N. A. Vartanov and others Zhur eksp i teor. fiz. 41 no 1:303 Jl '61.

TEMIR-TAU—MEDICINE—STUDY AND TEACHING

Organization of work training at the Temir-Tau Medical School I D. Dziuba Fel'd i akush 26 no 6 54-56 Je '61

TEMIR-TAU—RUSSIAN NEWSPAPERS

Follow-up of materials published in "Partiinaia zhizn' Kazakhstana." Part. zhizn' Kazakh. 31 no. 7 80 Jl '61.

TEMPERAMENT

Experience in a study of typological features of the nervous system of horses under conditions of unrestrained motor activity [with summary in English] A M. Monaenkov Zhur vys nerv. deiat 11 no. 3 504-511 My-Je '61

TEMPERATURE see subdivision under Rybinsk Reservoir

TEMPERATURE—MEASUREMENT

Aleshovskaia, T. E., and I. A. Korovkina. [Thermosensitive color for determining the temperature field of surfaces of solids in the temperature range from 300° to 1,000° C.] Termokraska dlia opredeleniia temperaturnogo polia poverkhnosti tverdykh tel v intervale temperatur 300-1000°C. Leningrad, 1961. 14 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serlia Pribory i elementy avtomatiki, no. 5)

Measurement of heat flux by the use of heat meters. M A Kaganov, IU I Rozenshtok. Izv AN SSSR Ser geofiz no. 8,1171-1178 Ag '61

TEMPERATURE—PHYSIOLOGICAL EFFECT

Effect of antibodies and temperature of the dynamics of virus infections of cells in tissue culture [with summary in English]. R. Rolzman, T. B. Temer. Vop virus 6 no. 5:548-560 S-O '60.

Temperature adaptations in parasitic protozoans from the common frog (Rana temporaria L.) and the lake frog (Rana ridibunda Pall.) K M Sukhanova. Dokl AN SSSR 139 no. 1,252-255 Jl '61.

TEMPERATURE REGULATORS

Automatic temperature regulation in steam chambers. V A Antaf'ev, M A. Prokhorov Bet i zhel -bet no 7:310-312 Jl '61.

Self-oscillations in a two-position temperature control system with a thermal isothermic device [with summary in English] A S Alekseev, V A Dolgolov. Izv vys ucheb zav., radiofiz 1 no. 2 330-338 '61

TENSIOMETERS

Ruzha, Zdanek. [Electric resistance tensiometers. Translated from the Czech] Elektricheskie tenzometry soprotivleniia. Pod red. N. P. Raevskogo. Moskva, Gos. energ. izd-vo, 1961. 335 p.

TERBIUM—ISOTOPES

Investigating neutron-deficient Tb isotopes. A. T. Strigachev and others. Izv. AN SSSR. Ser. fiz 25 no. 7: 813-825 Jl '61

TERBIUM—SPECTRA

Position spectra of the neutron-deficient isotopes of terbium and neodymium. N. A Bonch-Osmolovskaia and others Izv. AN SSSR. Ser. fiz. 25 no. 7:826-831 Jl '61.

TEREK VALLEY—GEOLOGY, STRATIGRAPHIC

Tectonics of the Cretaceous sediments in the Terek-Kuma Plain. A. E Salamatin Trudy VNIGNI no 32:100-107 '60.

TEREPHTHALIC ACID

Polarographic study of terephthalic and p-toluic acids, their nitro derivatives, dimethylterephthalate, nitrodimethylterephthalate, and methyl-p-toluilate [with summary in English] IA I. Turian, IU. A Vakhrushev. Zhur. anal. khim 16 no 4 483-488 Jl-Ag '61

TERMEZ DISTRICT—SALT DOMES

Origin of the Khodzha-Ikan salt deposit. R. F. IUferev Izv. AN Turk. SSR. Ser. fiz. -tekh., khim. i geol. nauk no. 3:119-122 '61

TERNOVSKII, SERGEI DMITRIEVICH, 1896-1960

In memory of Professor Sergei Dmitrievich Ternovskii. Vest. AMN SSSR 16 no. 3 88-89 '61.

TERPENES

Raman spectra of terpenes and their derivatives. G. V. Pigulevskii, A. T. Ryskal'chuk. Trudy Bot inst. Ser. 5 no. 6:210-239 '61.

Triterpenes of the bark Alnaster fruticosus Ledeb. T.V. Domareva and others. Zhur. ob. khim. 31 no. 7: 2434-2435 Jl '61.

TERPENES—SPECTRA

Detection of a three-membered ring in terpene compounds by means of infrared spectra G. V. Pigulevskii, A. I. Konokotina. Zhur ob. khim. 31 no. 7 2410-2413 Jl '61.

TERPINEOL

Dehydration of terpineol hydrate into terpineol. K. A. Bogdanov, L. A Borovskaia, Z T. Emel'ianenko Masl.-zhir prom. 27 no. 7:40-41 Jl '61.

TERRACES (GEOLOGY) see subdivision under Black Sea region

TERRAMYCIN

Studying the effect of antibiotics and specific sera on the development of viruses and rickettsia in a tissue culture by using microcinematography. Report No 2 Effect of terramycin on the psittacosis virus and Rickettsia burneti in tissue culture [with summary in English] A T Kiavchenko, V N Miliutin, O S. Gudima Vop virus 7 no. 3 307-312 My-Je '61

Using terramycin for feeding swine. N. Shaluev. Mias. ind. SSSR 32 no. 1 37 '61

TERRESTRIAL ELECTRICITY

Marine telluric currents and their relation with magnetic variations. G. A. Fonarev. Geomag. i aer. 1 no. 1:82-86 Ja-F '61.

TERRESTRIAL MAGNETISM see Magnetism, Terrestrial

TESTING LABORATORIES

IAkovlev, G. N., and others. [Analytical hot laboratory] Goriachaia analiticheskaia laboratoriia. Moskva, 1955. 15 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Inspecting the introduction and maintenance of standards. L. I. Kogan Standartizatsiia 25 no 8:38-43 Ag '61

State testing laboratory and production quality L. Sh Vinderman Standartizatsiia 21 no. 8.13-11 Ag '61

TESTING MACHINES

Exchange of experience V. S. Andreev, M. I. Belkin, A. IU. T'Segel'nitskaia. Zav lab 27 no 1030-1040 '61

Machine for determining the fineness of coal milling. Kh N. Kriukov, V. A Sivukhin. Sbor rats predl vnedr v proizv. no. 1 15-16 '61

Reconstruction of a testing stand I. M Abysov. Sbor rats predl vnedr v. proizv. no. 2-43-44 '61

TESTOSTERONE

Hormone treatment of far advanced breast cancer [with summary in English]. H. Kołodziejska Vop onk 5 no. 11:552-555 '59

TETANUS

Matveev, K. I. [Epidemiology and prevention of tetanus] Epidemiologiia i profilaktika stolbniaka. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 337 p. (DNLM)

TETRACYCLINE

Comparative studies on the absorption and distribution of new tetracycline preparations [with summary in English]. V. R. Sobolev, G. Sh. Baskanthiladze. Antibiotiki 6 no. 5:431-433 My '61.

Obtaining actinomycetes hybrids producing tetracyclines (Actinomyces rimosus and Actinomyces aureofaciens) and their use in the selection of active strains. S. Z. Mundlia and others. Trudy Inst. mikrobiol. no. 10: 187-198 '61.

Relation between antibiotics of the tetracycline series and antagonists of vitamin K V K Plakunov Dokl. AN SSSR 139 no. 1:214-216 Jl '61.

TEXTBOOKS

Let's have more good textbooks for the students of technical schools, [trade] schools and specialized schools. Sred spets obr 8 no 8:1-5 Je '61.

N. K. Krupskaia on the demands made on textbooks for adult schools. I. V. Gornostaev Prep ist v shkole 16 no 1 92-95 Jl-Ag '61.

TEXTILE DESIGN

Master of print designs for textile fabrics. N. G. Rudin. Tekst. prom. 21 no 4,70-71 Ap '61.

TEXTILE FABRICS

Expansion of the assortment of textile and dry goods. S. Sh. Atrapet'iants. Tekst. prom. 21 no. 4:29-32 Ap '61

Practices for improving the assortment and quality of production. L. G. Barabanov and others. Tekst. prom. 21 no. 4:55-67 Ap '61.

Selling fabrics with the help of an open display. B. Gurevich, A Kiavisova, N. Strogov. Sov. potreb koop 5 no. 6:42-45 Je '61.

TEXTILE FABRICS—TESTING

Methods of colorimetric determination and specification of fabrics N. V. Lobanova and others. Tekst prom. 21 no 4:52-54 Ap '61.

PM-2 measuring instrument for testing napped fabrics. A. Piktis, A. Gurkauskas, J. Indriunas. Izv. vys. ucheb. zav.; tekh. tekst. prom. no. 3:28-32 '61.

TEXTILE FACTORIES see subdivision under Barnaul

TEXTILE FIBERS—OPTICAL PROPERTIES

Optics and textile fabrics. V. IAkovlev. Tekh. mol. 29 no. 6:35-36 '61.

TEXTILE FIBERS, SYNTHETIC

Developing the methods and formulas of printing on sliver made from "lavsan" polyester fibers A. I. Mateteskii, Li I Sun' (Li I Sun) Izv. vys. ucheb. zav., tekh tekst prom no. 3 96-101 '61

Effect of time and temperature on the spontaneous modification of polyamide fiber anisotropy M. P. Nosov, A. A. Vdovichenko. Izv. vys. ucheb zav., tekh tekst prom no 3 23-28 '61.

Vsesoiuznoe soveshchanie po khimicheskoi pererabotke neftianykh uglevodorodov v poluprodukty dlia sinteza volokon i plasticheskikh mass 1957. [Proceedings of the All-Union Conference on the Chemical Processing of Petroleum Hydrocarbons into Intermediate Products for the Synthesis of Fibers and Plastics] Trudy Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1960. 313 p.

TEXTILE FINISHING

Finishing of dacas fabrics made from cotton and "Lavsan" polyester fibers E. A. Pogrebinskaia, V. N. Polumna Tekst. prom. 21 no. 4 36-38 Ap '61

Special finishes of wool blends M. A. Trabun, M. A. Prupis Tekst. prom. 21 no. 4, 38-40 Ap '61

TEXTILE INDUSTRY

(see also subdivision under Krasnodar, Latvia, Lithuania, Moscow, Ukraine, Ulan Bator, Vladimir Province)

[Economics of a textile enterprise; for the aid of studying applied economics] Ekonomika tekstil'nogo predpriiatiia, v pomoshch' izuchaiushchim konkretnuiu ekonomiku. [Ivanovo] Ivanovskoe knizhnoe izd-vo, 1960. 359 p.

More fabrics of good quality and great variety. Tekst. prom. 21 no. 4 1-3 Ap '61

New book on the economics of a textile enterprises ("Economics of the textile factory") Reviewed by P. P. Ivanov) Tekst. prom. 21 no. 4 83 Ap '61

TEXTILE INDUSTRY—BIBLIOGRAPHY see Bibliography—Textile industry

TEXTILE INDUSTRY—COSTS

Girshin, P. I. [How to calculate economy resulting from the practical application of inventions and efficiency proposals in the textile industry] Metody podscheta ekonomii ot vnedreniia izobretenii i ratsionalizatorskikh predlozhenii v tekstil'noi promyshlennosti. Moskva, Izd-vo nauchno-tekhn. lit-ry, RSFSR, 1961. 125 p.

TEXTILE INDUSTRY—EQUIPMENT AND SUPPLIES

MM-200-2 machine for washing fabrics in the rope. N. V. Korol'kov Tekst. prom. 21 no. 4-50 Ap '61

TEXTILE INDUSTRY—EXHIBITIONS see subdivision under Moscow

TEXTILE INDUSTRY—LABOR PRODUCTIVITY

Remarkable initiative of V. Fetisov's brigade. L. V. Aksenov, M. D. Basmanova. Tekst. prom. 21 no. 4: 72-73 Ap '61

TEXTILE INDUSTRY—TECHNOLOGICAL INNOVATIONS see subdivision under Moscow Province

TEXTILE MACHINERY

Consultation. Tekst. prom. 21 no. 4-85-88 Ap '61.

Designing the fittings of preparatory and carding machinery of the flax, hemp, and jute industry I. I. Feiman Izv. vys. ucheb. zav., tekh. tekst. prom no. 3 50-56 '61

Equation of power expended in rolling with smooth rolls G. K. Kuznetsov. Izv. vys. ucheb. zav.; tekh tekst prom no. 3 33-38 '61

Finishing of imitation fur fabrics with a knit base. A. S. Frolov Tekst. prom. 21 no. 4,26-29 Ap '61.

Girshin, P. I. [Automatic stops for textile machinery] Samoostanovy tekstil'nykh mashin. Moskva, Izd-vo [illegible] y RSFSR, 1961. 138 p.

[illegible]—SAFETY APPLIANCES

[illegible]chinery N. Kharitonov. Okhr. 4 no. 7-25 Jl '61

TEXTILE PRINTING

Developing the methods and formulas of printing on sliver made from "lavsan" polyester fibers. A. I. Mateiskii, Li I Sun' (Li I Sun) Izv. vys. ucheb. zav.; tekh. tekst. prom. no. 3, 96-101 '61.

Experimental study of pressures in the printing pair of textile printing machines. K. D. Budanov. Izv. vys. ucheb. zav., tekh. tekst. prom. no. 3:143-153 '61.

TEXTILE WORKERS see subdivision under Ivanovo Province

THAELMANN, ERNST, 1886-1944

Thaelmann in the heart of the people W. Goldshtein. Starsh. -serzh. no. 4 13 Ap '61

THAILAND—ECONOMIC CONDITIONS

Thailand V. Trifonov. Otv. na vop. trud. no. 4:50-55 '61.

THAILAND—POLITICS AND GOVERNMENT

Fresh winds in Thailand. V. Pavlovskii. Nov. vrem. 19 no. 28.18-19 Jl '61.

THALLIUM

Refining thallium by crystallization methods. T. I. Dar'void, N. V. Vigdorovich, N. A. Iordanskaia Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 3 55-62 My-Je '61

THALLIUM CHLORIDE CRYSTALS

Stability of structures of the cesium and sodium chloride type in TlCl crystals N. N. Kristofel' Fiz. tver. tela 3 no. 6 1876-1878 Je '61

THALLIUM COMPOUNDS

Complex formation of monovalent thallium with alkali metal chlorides F. IA. Kul'ba, V. E. Mironov, V. A. Fedorov Zhur. neorg. khim. 6 no. 7,1586-1591 Jl '61

THALLIUM SULFATE

Ternary system formed by sodium, thallium, and lead sulfates E. L. Bakumskaia, V. V. Kheropian, A. G. Bergman. Zhur. neorg. khim. 6 no. 7:1652-1655 Jl '61

THEATER

(see also subdivision under Baku; Berlin, Chuvashia; Cuba; Georgia; Havana, Japan; Leningrad; London; Moscow, Odessa; Penza; Tiflis, Ukraine, Ust'-Kamenogorsk, Virgin Territory; White Russia)

Brecht, Bertolt. [On the theater. Translated from the German, Preface by E. Etkind] O teatre, sbornik statei. [Moskva] Izd-vo inostr. lit-ry, 1960. 362 p.

A great life ("50 and 500" by N. V. Petrov Reviewed by Al. Boguslavskii). Teatr 22 no. 7 145-146 Jl '61.

Gugushvili, E. N., and A. Z. IUfit. [The Bolshevik press and the theater] Bol'shevistskaia pechat' i teatr. Leningrad, Gos. izd-vo "Iskusstvo," 1961. 304 p.

In the theaters of the world. Teatr 22 no. 7:100-100 Jl '61

Kaidalova, O. N. [The Soviet multinational theater] Sovetskii mnogonatsional'nyi teatr. Moskva, Izd-vo "Znanie" Vses. ob-va po rasprostraneniiu polit. i nauchn. znanii, 1961. 37 p. (Narodnyi universitet kul'tury. Fakul'tet literatury i iskusstva, no. 7)

News from Samarkand and other cities. Teatr 22 no. 7: 166, 168 Jl '61

Orlenov, P. N. [The life and creative activities of Pavel Orlenev as described by the Russian actor himself] Zhizn' i tvorchestvo russkogo aktera Pavla Orlenova, opisannye im samim. Leningrad, Gos. izd-vo "Iskusstvo," 1961. 342 p. (Teatral'nye memuary)

Theater and actor. IU. Zubkov. Sov. shakht. 10 no. 3: 43-44 Mr '61.

Theaters prepare for the 22d Congress of the CPSU Teatr 22 no. 7:150 Jl '61.

[Theatrical encyclopedia] Teatral'naia entsiklopediia. Glav. red. S. S. Mokul'skii. Chleny red. kollegii G. N. Boiadzhiev i dr. Moskva, Gos. nauchn. izd-vo "Sovetskaia Entsiklopediia."
Vol. 1. 1961. 1214 columns.

To be continued in the section of "premieres." Teatr 22 no. 7 151 Jl '61

THEATER—PERIODICALS

Meetings and discussions Teatr 22 no. 7:161 Jl '61.

THEATERS see subdivision under Voronezh

THEORY OF ERRORS see Errors, Theory of

THEORY OF GROUPS see Groups, Theory of

THERAPEUTICS

Problems of therapeutics in volumes of collected papers from military districts and fleets (1958-1959). G. P. Shul'tsev. Voen.-med. zhur. no. 3:85-89 Mr '61.

THERAPEUTICS, PHYSIOLOGICAL

All-Union Conference of the Workers's Group in Sanatoriums and Health Resorts and Rest Homes of the Trade Unions V. V. Poltoranov. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 3:276-277 My-Je '61

Balneologic reaction. I. P. Mugdusiev. Vop. kur., fizioter i lech. fiz kul't. 26 no. 3, 260-262 My-Je '61.

Registration of the results of health resort treatment of gynecological patients and modern criteria for their evaluation. A. V. Emanuel'. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 3,193-198 My-Je '61.

Sinocardial massage and its use in treatment of some disorders of peripheral blood circulation. L. Nikolova. Vop. kur., fizioter. i lech. fiz. kul't. 26 no. 3-248-253 My-Je '61.

THERAPEUTICS, PHYSIOLOGICAL—PERIODICALS

The periodical "Voprosy kurortologii, fizioterapii, i lechebnoi fizicheskoi kul'tury" for 1960. B. M. Broderzon. Vop. kur., fizioter. i lech. fiz. kul't 26 no. 3:267-270 My-Je '61.

THERMAL ANALYSIS

Studying reactions of zinc and copper sulfides with the products of their oxidation by physicochemical and chemical analyses. E. I. Novikova, G. S. Frenta. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 3:31-36 My-Je '61.

THERMAL DIFFUSIVITY

Evaluating the theoretical bases of the Wiedemann-Franz law S. V. Bellustin Izv. vys. ucheb. zav. fi[illegible] 2 173 '61

THERMAL STRESSES

Microstructural strains resulting from thermal [illegible] V. A. Likhachev. Fiz. tver. tela 3 no. 6 1027-1031 Je '61

THERMIONIC EMISSION

Some physical characteristics of the thermionic [illegible]ssion of energy. N. D. Morgulis, IU. P. Kerdemelov, [illegible] Chutov. Zhur. tekh. fiz. 31 no. 7:845-851 Jl '61

THERMOCHEMISTRY

Thermochemical methods of studying polymers S. I. Mreevson, S. M. Lipatov Zhur. VKHO 6 [illegible] 413-415 '61

Thermodynamics of single-type chemical reactions [illegible] single-type compounds V. A. Kireev Zhur. fiz. k[illegible] 35 no. 7,1393-1405 Jl '61

THERMODYNAMICS

Application of integral correlations for determining the coefficients of thermal resistance and convective heat transfer as an internal problem L. L. Kudrin[illegible], B. A. Deviatkin Sbor. nauch. trud. Kuib. indus. inst. no. 8:67-82 '59.

Application of the theory of the regularity of the velocity track and temperature track in the determination of the coefficients of heat transfer in turbulent flow O. M. Golovanov Sbor. nauch. trud. Kuib. indus. inst. no. 8 107-110 '59.

Application of the theory of thermal regularity to the determination of the heat transfer coefficient as an external problem V. A. Dzevul'skii. Sbor. nauch. trud. Kuib. indus. inst. no. 8:203-291 '59.

Bazarov, I. P. [Thermodynamics] Termodinamika. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 292 p.

Calculating the one-dimensional motion of gas in a cylindrical channel under a given law of heat supply [with summary in English]. A. I. Leont'ev, V. K. Ivanov, Inzh.-fiz. zhur. 4 no. 6,125-127 Je '61

Designing a heating panel by the method of equivalent cylindrical walls. L. L. Kudrishev, I. V. Shchiberaev Sbor. nauch. trud. Kuib. indus. inst. no. 8 207-210 '59.

Equation of state for partially ionized hydrogen [with summary in English]. L. P. Kudrin. Zhur. eksp. i teor. fiz. 40 no. 4,1134-1139 Ap '61.

Heating of a thin liquid stream carried down by a steam flow [with summary in English]. M. P. Polink. Inzh.-fiz. zhur. 4 no. 6 119-121 Je '61.

Implicit numerical difference methods for solving the n-dimensional heat equation N. N. IAnenko Izv. vys. ucheb. zav., mat no. 4 146-157 '61.

Method for correlating the law of corresponding states for the purpose of determining the thermodynamic properties of uninvestigated substances [with summary in English]. IA. Z. Kazavchinskii, G. I. Tsoinman. Inzh.-fiz. zhur. 4 no. 6:58-63 Je '61.

Potential of the mass spectrometric method in studies of the thermodynamics of vaporization [with summary in English] L. P. Ievina. Zhur. fiz. khim. 35 no. 2 [illegible] 459 F '60

Shape of the critical isotherm near the critical point [with summary in English] A. V. Voronel'. Zhur. eksp. i teor. fiz. 40 no. 5:1516-1519 My '61.

Temperature distribution in the displacement of petroleum from a stratum by means of hot liquids. A. A. Abasov Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk 3:121-127 '61.

Thermodynamics of the coking process. V. A. Vobalin and others. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 3:183-190 My-Je '61.

Vvedenskii, A. A. [Physicochemical constants of organic compounds] Fiziko-khimicheskie konstanty organicheskikh soedinenii. Leningrad, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1961. 123 p.

THERMOELECTRICITY

Concentration dependence of the thermo-emf in n- and p-germanium. P. I. Baranskii. Fiz. tver. tela 3 no. 6 1786-1789 Je '61.

Kinetic theory of a low-pressure plasma thermoelement. M. I. Kaganov, R. IA. Kucherov, L. E. Rikenglaz. Zhur. tekh. fiz. 31 no. 5:588-596 My '61.

THERMOMAGNETISM

Anisotropy of the longitudinal thermomagnetic Nernst-Ettingshausen effect of magnetite in the low-temperature transition region. N. I. Davidenko, A. A. Samokhvalov, I. G. Fakidov. Fiz. tver. tela 3 no. 6:1650-1653 Je '61.

THERMONUCLEAR REACTIONS

International Conference on the Peaceful Uses of Atomic Energy. 2d, Geneva, 1958. [Transactions. Selected reports by foreign scientists. Izbrannye doklady inostrannykh uchenykh] Moskva, Izd-vo Glav. uprav. po ispol'zovaniiu atomnoi energ. pri Sovete Ministrov SSSR.
Vol. 1, [Physics of a hot plasma and thermonuclear reactions] Fizika goriachei plazmy i termoiadernye reaktsii. Pod obshchei red. V. F. Kalinina. 1959. 547 p.

THERMOPLASTICS
"TPR"- thermoplastic recording. Nauka i zhizn' 28 no 5:34-35 Je '61

THETA FUNCTIONS see Functions, Theta

THIAMINE
Amount of thiamine in wheat flour of different grades V G Panteshko Vop pit 20 no 4 75-76 Jl-Ag '61
How the preparation of feeds affects their vitamin B_1 content [with summary in German]. E A Nesterova Biul nauch -tekh inform VIZH no 2 25-29 '58

THIAZINE
Photoreduction and demethylation of thiazine dyes on silica gel. Kh. I. Arvan, G. A Korsunovskii, S IU Lebedev Dokl. AN SSSR 139 no. 2:402-405 Jl '61

THIOBACILLUS
Some data on the physiology of Thiobacillus thioparus [with summary in English]. S. I Kuznetsov, G. A Sokolova. Mikrobiologiia. 29 no. 2:170-176 Mr-Ap '60

THIONYL CHLORIDE
Interaction of primary γ-silicon-containing acetylenic alcohols with thionyl chloride N V Komarov, M F. Shostakovskii, L N. Astaf'eva Zhur. ob khim 31 no 7 2100-2102 Jl '61.

THIOPHENE
Sulfolanes and some aspects of their industrial utilization. E G. Rozantsev Khim. prom no 7 156-160 Jl '61

THISTLE
Cultivation of the thistle Rhaponticum carthamoides. M. N. Smirnov. Trudy Bot. sada Zap. -Sib. fil. AN SSSR no. 1:47-53 '56.

THORIUM
International Conference on the Peaceful Uses of Atomic Energy, 2d, Geneva, 1958. [Transactions. Selected reports by foreign scientists. Izbrannye doklady inostrannykh uchenykh] Moskva, Izd-vo Glav. uprav. po ispol'zovaniiu atomnoi energ. pri Sovete Ministrov SSSR, Vol. 7. [Technology of atomic raw products] Tekhnologiia atomnogo syr'ia. Pod obshchei red. A. P. Zefirova. 1959. 656 p.
Wash-out of thorium from sulfocation exchangers. E. I. Kazantsev, V. N. Perevozov Zhur. prikl. khim 34 no 7 1448-1456 Jl '61.

THORIUM—ANALYSIS
Amperometric titration of thorium salts with cupferron [with summary in English] V. D. Vasilenko, E B. Ostrovskaia, T S Fomenko Zhur anal khim 16 no 4 433-437 Jl-Ag '61
"Analytical chemistry of thorium" by D. I. Riabchikov, E K Gel'braikh Reviewed by A. M Dymov Zhur anal khim 16 no 4 510-511 Jl-Ag '61
Rapid method of determining thorium, radium, and lead in accessory monazites. K.S Ivanova Radiokhimiia 3 no. 3, 348-355 '61
Trilonometric determination of thorium with hexatoxylin as indicator A.S Mel'nikova, A.I Cherkesov. Zhur. VKHO 6 no 4 469-470 '61

THORIUM—ISOTOPES
Certain characteristics of radiothorium dating. I. E. Starik and others. Radiokhimiia 3 no. 4:490-497 '61.

THORIUM COMPOUNDS
Kinetics of the oxidation of iodide with hydrogen peroxide in the presence of thorium salts. K. B. IAtsimirskii, IU. A. Zhukov. Radiokhimiia 3 no. 4:466-472 '61.

THORIUM ORES
International Conference on the Peaceful Uses of Atomic Energy, 2d, Geneva, 1958. [Transactions. Selected reports by foreign scientists. Izbrannye doklady inostrannykh uchenykh] Moskva, Izd-vo Glav. uprav. po ispol'zovaniiu atomnoi energ. pri Sovete Ministrov SSSR, Vol. 8. [Geology of atomic raw products] Geologiia atomnogo syr'ia. Pod obshchei red. A. P. Vinogradova. 1959. 520 p.

THOUGHT AND THINKING
Thinking as a subject matter of logic and psychology. A. Kh. Kasymzhanov. Vop. filos. 15 no. 7:132-140 '61

THOUGHT TRANSFERENCE
What is telepathy? E. T. Faddeev. Nauka i zhizn' 28 no 6:60-63 Je '61

THREAD
Discussion on the dynamics of the thread. Izv. vys. ucheb. zav., tekh. tekst. prom. no. 3:158 '61.

THREE BODIES, PROBLEM OF see Problem of three bodies

THRESHING MACHINES
Conditions of shelling corn for seed and forage. G. Kreimerman. Muk. -elev. prom. 27 no 7 8-10 Jl '61
"IMANTA-42M" threshing machine. V. Al'bert. Tekh. v sel'khoz. 21 no. 8:57-58 Ag '61.

THROMBIN
Treatment of patients with thermal burns with a biological film cover. A. N Berkutov, K. A Nurishchenko Voen -med zhur. no 8:44-45 Ag '60

THROMBOSIS
Characteristics of changes in the leukocytes in acute disorders in the blood circulation of the brain [with summary in French] N I Moiseeva, V. V IAtskevich Zhur nevr. i psikh 61 no 5 677-681 '61
Electroclinical correlations in vascular insufficiency in the system of the carotid artery [with summary in French]. M Steriade, I Petrovici Zhur nevr i psikh. 61 no 5 665-673 '61
First description of endarteritis obliterans. G. M. Sokol. Zhur nevr. i psikh. 61 no. 3:460-461 '61.
Pathogenesis and treatment of embolic thrombosis. F. A. Efendiev. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 4:73-79 '61.
Problem of thromboendarteritis obliterans [with summary in French] N S Sysak Zhur. nevr. i psikh. 61 no. 3 396-399 '61
So-called obliterating endarteritis of the cerebral vessels in thrombosis of the internal carotid artery [with summary in French]. A N Koltover, I V. Gannushkina, I G. Liudkovskaia Zhur. nevr. i psikh 61 no 5 657-664 '61.

THUNDERSTORMS
Temperature of lightning and force of thunder [with summary in English]. IU. N. Zhivliuk, S. L. Mandel'shtam. Zhur. eksp. i teor. fiz. 40 no. 2 483-487 F '61.

THYMINE
Decrease of the amount of thymine in the desoxyribonucleic acid of gamma-irradiated pea seedlings. V I Tokarskaia Radiobiologiia 1 no 2:193-199 '61

THYRATRONS
Logic circuits using cold cathode thyratrons [with summary in English] A S. Kotosonov Izv. vys. ucheb zav., radiofiz. 4 no 2-266-275 '61
Svechnikov, S. V. [Gas-filled tube rectifiers and thyratrons, calculation and design principles] Gazotrony i tiratrony; osnovy rascheta i konstruirovaniia. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 323 p.
Use of glow-discharge thyratrons for controlling gas-discharge counting and switching tubes. B. A. Gofman, F. M. IAblonskii. Radiotekhnika 16 no. 7 60-63 Jl '61.

THYROID GLAND—TUMORS
Morphological peculiarities of experimental tumors of the thyroid gland induced in rats by 6-methylthiouracil [with summary in English]. N. P. Napalkov Vop onk 5 no. 11:578-592 '59

THYROIDIN
Effect of thyroidin on the milk yield of buffaloes [in Azerbaijani with summary in Russian]. M. G. Aliev. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 4:81-89 '61.

TICKS
Physiological properties of chemoreceptors of the tick Ixodes persulcatus. P. Sch. during the action of repellents. IU. A. Elizarov. Vest. Mosk. un. Ser. 6: Biol., pochv. 16 no. 4:45-50 Jl-Ag '61.

TICKS AS CARRIERS OF DISEASE
Method for the artificial infection of ixodic ticks. S. F. Shimanskii. Lab. delo 7 no. 6:49-50 Je '61.

TIDAL WAVES
Some methods for detecting tsunami waves. I. M. Shenderovich Trudy NIIGMP no 9:90-96 '60.
Theory of microseisms caused by tsunamis approaching the shore line at an angle. A. S Stavrovskii. Trudy Okean. kom. 1:113-120 '61
Graphic method of analyzing diurnal series of level observations made in seas with tides O. A. Vladimirov. Trudy GOIN no. 55:172-178 '60.
Harmonic analysis of tides. L. G. Toporkov. Izv. AN SSSR. Ser. geofiz. no. 8:1233-1234 Ag '61.
Photoelectronic machine for the calculation of tidal currents. O. A. Vladimirov. Trudy GOIN no. 55:170-181 '60.
Reflection of tidal waves from rectilinear shores. T. IA. Chaikovskaia. Trudy Okean. kom. 1:74-82 '61.

TIDES—TABLES
New method of computing initial data (phases) for the calculation of tidal current tables. V. G. Niun'ko. Trudy Dal'nevost. NIGMI no. 13:80-83 '60.
[Tide tables; waters of the Asian part of the U. S. S. R. and adjacent foreign areas. Pt. 1: Tides in principal ports. Pt. 2: Corrections for auxiliary stations and harmonic tidal constants] Tablitsy prilivov; vody Aziatskoi chasti SSSR i prilegaiushchikh zarubezhnykh raionov. Pt. 1: Prilivy o osnovnykh portakh. Pt. 2: Popravki dlia dopolnitel'nykh punktov i garmonicheskie postoiannye prilivov. Leningrad, Gidrometeoizdat, 1960. 101 p.

TIEN SHAN—BIRDS
List of birds and ornithogeographical regions of the northern Tien Shan. M. N Korelov Trudy Inst. zool AN Kazakh. SSR 15,55-103 '61

TIEN SHAN—GEOLOGY, STRATIGRAPHIC
Stratigraphy of Fammenian and lower Tournaisian sediments of the western spurs of the Tien Shan B V Polarkova Izv AN Kir SSR Ser est i tekh nauk 2 no 9 23-49 '60

TIEN SHAN—OSTRICHES, FOSSIL
Upper Cenozoic ostriches from the Tien Shan. V. S Bazhanov Trudy Inst zool. AN Kazakh. SSR 15 5-11 '61

TIEN SHAN—QUARTZ
Crystalliferous veins of Maydantal and conditions governing their formation, according to data from the study of inclusions in quartz. V. S. Polykovskii, G G Grushkin, M S. Rodovil'skii Izv vys. ucheb. zav., geol. i razv. 3 no. 6 45-57 Je '60.

TIEN SHAN—REDSTART
Reproduction of the redstart Phoenicurus erythrogaster grandis Gould in the central Tien Shan. A. Kydyraliev. Ornitologiia no. 2:209-213 '59.

TIEN SHAN—ROCKS, IGNEOUS
Polarity phenomena in the development of granitoid intrusions A. A. Koniuk. Izv. AN Kir SSR Ser est i tekh nauk 2 no. 9 49-56 '60

TIEN SHAN—SYENITE
History of the formation of the Kyzyl-Ompul syenite massif in the northern Tien Shan K. D Pomazkov Izv AN Kir SSR Ser est i tekh. nauk 2 no 9 75-84 '60

TIEN SHAN—URANIUM
Uranium in rocks of the southwestern offshoots of the northern Tien Shan. V. I. Rekharskii, O. V. Krutetskaia. Izv. AN SSSR. Ser. geol. 26 no. 7:48-71 Jl '61.

TIERRA DEL FUEGO—DESCRIPTION AND TRAVEL
Zubov, A. A. [The people of Tierra del Fuego] Liudi Ognennoi Zemli. Moskva, Gos. izd-vo geogr. lit-ry, 1961. 36 p. (Narody zemnogo shara)

TIFLIS—AIRPLANES—MAINTENANCE AND REPAIR
The ninth lesson. IA. Kozlov and others. Grazhd. av. 18 no. 6:4-7 Je '61.

TIFLIS—HOURS OF LABOR
Editor's mail. Ogonek 39 no 28-21 Jl '61.

TIFLIS—TECHNICAL EDUCATION
The ninth lesson. IA. Kozlov and others. Grazhd. av. 18 no 6 4-7 Je '61.

TIFLIS—THEATER
"Me, Granny, Ilko, and Illarion." G. Litinskii. Teatr 22 no. 7 120-122 Jl '61

T [illegible] rnaveli. Okrestnosti [illegible] Izd-vo Akad. nauk Gruzinskoi SSR, 1960. 117 p. Illus

TIKHONRAVOV, NIKOLAI VIKTOROVICH, 1899-1961
Nikolai Viktorovich Tikhonravov. Stroi. truboprov. 6 no 6 32 Je '61.

TILES
(see also subdivision under Kharkov; Lvov, Yaroslavl Province)
Organizing the mass production of ceramic facing tiles. M. G. Lundina, K. I. Rostovtseva. Stek. i ker. 18 no. 6 23-25 Je '61.
Systems for an automated factory for the quick firing of facing tiles. G. S. Blokh, L. F Shulika. Stek. i ker. 18 no. 6:17-23 Je '61.

TILLAGE (Continued)

Soil physics and problems of tillage [with summaries in English, German, and French] I B Revut Vest sel'khoz nauki 6 no.7 30-41 Jl '61

Suggestions of efficiency promoters on the use of soil cultivating machinery Les khoz 14 no 7 64-66 Jl '61

Tret'iakov, N.N. [How to prepare fields for corn] Kak gotovit' polia pod kukuruzu. [Moskva] Mosk. rabochii, 1961 15 p. (Bibliotechka kukuruzovoda-mekhanizatora) (DA)

TIME

Maltynov, D. IA. [Centuries and moments] Veka i mgnoven'ia. [Moskva] Izd-vo Mosk. univ., 1961. 85 p.

Results of determination of time and azimuthal corrections done by the Time Service of the Main Astronomical Observatory of the Academy of Sciences of the U S S R I V Babamina Trudy MIIGAIK no 45 117-123 '61

TIME MEASUREMENTS—STANDARDS

Setting up standards for geodetic instruments, astronomy and the time service A A. Bondarev Standartizatsiia 25 no 8 32-33 Ag '61

TIME SIGNALS

Ephemeris time and constant frequency for the transmission of time signals Astron tsir no 218 27 F '61

TIME STUDY

Efficient means for determining the potentials of improvement in mine operations A G Kletkin, S Z Mikhal'skii, A M. Denisenko Ugol' Ukr no 6 10-12 Je '61

Method of momentary observations V G. D'iachenko Mashinost otiel' no 8 19-21 Ag '61

What makes up the time norm? Mashinostroitel' no 8 23-24 Ag '61

TIMERS, AUTOMATIC see Automatic timers

TIMIRIAZEV, KLIMENT ARKAD'EVICH, 1843-1920

Senchenkova, E. M. [K. A. Timiriazev and the science of photosynthesis] K. A. Timiriazev i uchenie o fotosinteze. Moskva, Izd-vo Akad. nauk SSSR, 1961. 179 p.

TIMPTON VALLEY—WATER, UNDERGROUND

Sources of the Timpton River N. A Vel'mina Izv. vys. ucheb zav., geol i razv 3 no.6 75-86 Je '60.

TIN

Certain features of the initial formation of gray tin centers on CdTe, InSb, Si, and Ge particles A I Bykhovskii Dokl. AN SSSR 139 no 3:637-640 Jl '61

TIN—ELECTRIC PROPERTIES

Superconductivity of tin and indium subjected to pressure [with summary in English]. L. S Kan, B. G Lazarev, V. I Makarov. Zhur. eksp. i teor fiz, 40 no 2 457-459 F '61.

TIN—ISOTOPES

Mass measurements of tin and antimony isotopes R. Kh. Demirkhanov and others Izv AN SSSR Ser fiz 25 no 7 871-873 Jl '61

Nuclear resonance of Sn^{119} in metallic tin [with summary in English] IU. S Karimov, I F Shchegolev Zhur eksp i teor fiz 40 no 5:1289-1292 My '61

TIN—SPECTRA

Beta and gamma-spectra of the radioisotopes Sb^{113} and Sb^{115} and the new isomer Sn^{113}. I. P. Selinov and others Izv AN SSSR Ser fiz 25 no 7 848-853 Jl '61

quality of mineral raw materials] Trebovaniia promyshlennosti k kachestvu mineral'nogo syr'ia, spravochnik dlia geologov, Izd 2., perer. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr,

No. 39, Ostromentskii, N. M., and G. A. Fontanov [Tin] Olovo. Nauchn. red, A. P. Prokof'ev, 1961. 50 p.

TIN ORGANIC COMPOUNDS

Paper chromatography of diaryl organotin compounds and its use in the study of the products of reaction between asymmetric diaryliodonium salts and tin dichloride. O. A. Reutov, O A. Ptitsyna, M F Turchinskii Dokl AN SSSR 139 no. 1:146-149 Jl '61

TIN OXIDE

Reactions between tin oxides and ferrous sulfide. D. N Klushin, O. V. Nadinskaia. Zhur prikl. khim 34 no. 7: 1481-1489 Jl '61.

TINNING—EQUIPMENT AND SUPPLIES

Automation of tin-level measurement in the bath and of tin charging. V P Popov. Sbor. rats. predl. vnedr. v proizv no 2:25-26 '61.

Changing the arrangement of brushes on the bottom rollers of a degreasing machine I Sh. Nagler, S V. Sollukhov Sbor rats. predl. vnedr. v proizv. no 2:24-25 '61.

Changing the design of rollers of the receiving and washing machines of a sheet-metal hot-tinning unit A. N Golov Sbor rats predl vnedr v proiz v no 2: 20-21 '61

TIRES, RUBBER

Work of composite crews for the exchange of modern production experience in the tire industry. I. I Lebedev Plast massy no. 8:1-2 '61

TIRES, RUBBER—MAINTENANCE AND REPAIR

Device for tearing down old tires A Kalinovskii Tekh. v sel'khoz 21 no 7 87-89 Jl '61

TIRLYANSKIY REGION—GEOLOGY, STRATIGRAPHIC

Stratigraphic position of the Arshinskoye series in the Tirlyanskiy region, Bashkir S S R S.S Gorokhov Dokl AN SSSR 139 no 4 943-946 Ag '61

TIRNOVO—CONSTRUCTION INDUSTRY

Correspondence between two housing administrations. G Cholakov, N Spotkal, A. Uskov Zhil.-kom khoz 11 no 5 6-7 My '61

TISSUE CULTURE

Available method for obtaining enzymatic protein hydrolysate for tissue culture growth. T. I Golubev. Vop virus 6 no 5 620-632 S-O '60.

Effect of antibodies and temperature of the dynamics of virus infections of cells in tissue culture [with summary in English]. B. Rolzman, T. B. Terner Vop virus 6 no. 5:548-560 S-O '60

Effect of cultivation conditions on the size of cell nuclei in single-layer tissue cultures IA E Khesin Dokl AN SSSR 139 no. 1 208-210 Jl '61

Formation of symplasts in cultures of transplanted tissues containing Sendai virus. A. G. Bukrinskaia, V. M. Zhdanov. Vop. virus. 7 no. 3 364-366 My-Je '61.

Production of monolayer cell cultures from the tissues of different animals [with summary in English]. E. M. Dosser and others. Vop. virus. 7 no. 3 336-343 My-Je '61

Use of the tissue culture method in the study of rheumatic fever [with summary in English] T. A Rubina Vop. virus. 7 no. 3:284-285 My-Je '61

TISSUE EXTRACTS

Filatov, V. P. [Selected works in four volumes] Izbrannye trudy v chetyrekh tomakh. Kiev, Izd-vo Akad. nauk USSR.

Vol. 1. 1961. 466 p.
Vol. 2. 1961. 446 p.
Vol. 3. 1961. 368 p.

[MICROFILM]

TISSUES—TRANSPLANTATION

Experiments in transplanting the myocardial tissue into the lymph heart of a frog. S D Maltovanova. Nauch dokl vys shkoly, biol nauki no 3 61-61 '61.

TITANIUM

Change in the structure of titanium gel catalysts in ethyl alcohol dehydration M. A Piontkovskaia and others Ukr khim. zhur 27 no 4.447-451 '61

Iron and titanium in bauxites of the Yenisey Ridge. E. M Bradinskaia. Zap Vost.-Sib. otd Vses min ob-va no 1:83-88 '59

TITANIUM—ANALYSIS

Arylmethane dyes in inorganic analysis (determination of Sb, Ti, and In). I. A. Blium, I. T. Solv'ian, G N. Shebalkova Zav. lab. 27 no. 8,950-956 '61.

Colorimetric determination of titanium in aluminum and magnesium by means of diantipyrylmethane V. A. Zinchenko, S. I. Rudina. Zav. lab 27 no 8:956-958

of boron in metallic titanium and zirconium. P. V. Marchenko. Zav. lab. 27 no. 7 801-802 '61.

Determination of titanium traces in pure aluminum with salicylohydroxamic acid. I. P. Alimarin, N. P. Borzenkova, N. A. Zakarina. Zav. lab. 27 no 8:958-960 '61.

Photometric determination of titanium with 2-(-N-piperidino)isopropyl-4-hydroxytetrahydrofuran-3-one [with summary in English]. O. R. Skorokhod, I G. Tishchenko, I N. Volneiko Zhur. anal khim. 16 no 4 426-429 Jl-Ag '61.

TITANIUM—TESTING

Using mathematical statistic methods in testing titanium for endurance. E S. Reinberg Trudy LKI no 29: 225-230 '59.

TITANIUM—WELDING

Iskoz, B. B. [Welding objects of titanium and its alloys] Svarka izdelii iz titana i ego splavov. Leningrad, 1961. 19 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Svarka i paika metallov, no. 3)

Semiautomatic welding of titanium under flux. S. M. Gurevich, S. D. Zagrebeniuk. Avtom. svar. 14 no 7 82-85 Jl '61.

TITANIUM CARBIDES—ELECTRIC PROPERTIES

Apparatus for measuring electric resistance at temperatures up to 2000-2500°. V. S. Sinel'nikova, V. A Virovtsev. Zav. lab. 27 no. 8:1043-1044 '61.

TITANIUM CHLORIDE

Exchange of experience. I. P. Kosenko, V. S. Makarov, L. K. Petrova Zav lab. 27 no 8:1012 '61

Interaction between titanium tetrachloride and chloromethyl acetate and ethyl stearate [U A Lysenko, O A Osipov Zhur neorg khim, 6 no. 8:1636-1651 Jl '61

Study of the system $TiCl_4$ - HCl - H_2O at 0°. G M Toptygina, I. S Morozov Zhur. neorg khim 6 no 7 1685-1689 Jl '61

TITANIUM-COBALT ALLOYS

Effect of titanium admixture on the surface tension of nickel and cobalt and on their interfacial tension with aluminum oxide [with summary in English]. V. N. Eremenko, V. I. Nizhenko. Zhur. fiz. khim. 35 no. 6 1301-1306 Je '61.

TITANIUM COMPOUNDS

Acetate complexes of titanium. S. IA. Shmidlerman, I I Kalinichenko Dokl AN SSSR 139 no 1 100-102 Ag '61

Investigation of the process of coprecipitation of titanium with complex compounds of titanium, niobium and tantalum A V Lapitskii, Chzhuan IA-un, I A Savich. Radiokhimiia 3 no 3,241-245 '61

TITANIUM OXIDE

Photocatalytic action of ZnO and TiO_2 in the reactions involving the liberation of oxygen A A Krasnovskii, G P Brin Dokl AN SSSR 139 no. 1:112-114 Jl '61

Solubility of titanium, molybdenum, and tungsten oxides in fused borax Shen' TSin'-nan, IU. K Delimarskii Ukr khim zhur. 27 no 4 151-157 '61.

TITANIUM OXIDE—SPECTRA

Use of a hot hollow cathode in the analysis of titanium oxide. N P Ivanov, V V Nedler, E. N. Andrianova Zav. lab 27 no 7:836-838 '61

TITANIUM-ZIRCONIUM ALLOYS—TESTING

Resistance to plastic deformation of titanium-zirconium solid solutions at various temperatures V V Gorskaia, N. N. Kurnakov, Izv. AN SSSR Otd tekh nauk Metallurgiia i topl no. 3,67-72 My-Je '61

TITOV, GERMAN STEPANOVICH, 1935-

Congratulations on the new victory of mind and labor! Sov profsoiuzy 17 no 16:3 Ag '61

Cosmonaut No. 2. Nov. vrem. 10 no. 33:7-9 Ag '61.

TITRATION

Small magnetic mixer for chlorine concentration determination in sea water by titration. A. G. Ponomarev, N. P. Andreev. Trudy GOIN no. 59:114-117 '61

TOBACCO—ANALYSIS AND CHEMISTRY

Quantitative changes of oxidized polyphenols in the process of the fermentation of tobacco. V. K Filimonov, Izv. vys. ucheb. zav., pishch. tekh no 2:78-84 '60

TOBACCO—FERTILIZERS AND MANURES

How different sources of nitrogen in combination with phosphorus affect the content of nitrogenous substances and carbohydrates in tobacco [in Armenian with summary in Russian]. E. S Avundzhian. Izv Otd fiz-khim nauki Arm SSR 4 no. 3 67-75 '61

TOBACCO PROCESSING MACHINERY

Automatic pressing line. S. Afikian, A. Davtian Prom Arm 4 no 7:27-29 Jl '61

TOBOL'SK—RUSSIAN LANGUAGE—STUDY AND TEACHING

Russian language corner in a school N. I. Loktionov. Rus. iaz. v shkole 22 no 3 95-97 My-Je '61

TOKYO—EXHIBITIONS

The Soviet industrial trade fair in Japan. M. V. Nesterova. Nov. vrem. 10 no. 33:10 Ag '61.

TOLMACHEV, NIKOLAI GUR'EVICH, 1895-1919

Mansvetov, N. V. [Nikolai Tolmachev, 1895-1919, a historical and biographical account] Nikolai Tolmachev, 1895-1919; istoriko-biograficheskii ocherk. [Leningrad] Lenizdat, 1960. 137 p. (MII)

TOLSTOI, LEV NIKOLAEVICH, 1828-1910

Adamovich, G. V. [Tolstoi; a speech delivered at a meeting in Paris on December 3, 1960] Tolstoi. Rech' na sobranii v Parizhe 3-go dekabria 1960 goda Paris, 1960. 30 p. (NjP)

Arenskii as appraised by L. Tolstoi. L. Korabel'nikova. Sov. muz. 25 no. 7:50-51 Jl '61.

Dalgat, U. B. [L. N. Tolstoi and Daghestan] L. N. Tolstoi i Dagestan. Makhachkala, Dagestanskoe knizhnoe izd-vo, 1960. 188 p. (NNC)

Gorkiy. Universitet. Kafedra russkoi literatury. [Collected articles on L. N. Tolstoi's "War and peace"] "Voina i mir" L. N. Tolstogo; sbornik statei. Gor'kii, 1959. 228 p.

TOLSTOI, LEV NIKOLAEVICH, 1828-1910 (Continued)
Lev Tolstoi and Turgenev's "Sportsman's sketches" [with summary in English] G. A. Bialyi Vest. LGU 16 no 14 85-87 '61

Moscow. Gosudarstvennyi muzei L. N. Tolstogo. [L. N. Tolstoi in the memories of Yasnaya Polyana peasants] Vospominaniia iasnopolianskikh krest'ian o L. N. Tolstom. [Tula] Tul'skoe knizhnoe izd-vo, 1960. 270 p.

Tolstoi, L. N. [Fragments of works; preface by D. N. Zhuravlev] Otryvki iz proizvedenii. Vstup. stat'ia D. N. Zhuravleva. Moskva, Gos. izd-vo "Iskusstvo," 1960. 135 p. (V pomoshch' chitetsam. Repertuar khudozhestvennoi samodeiatel'nosti, no. 32)

TOLSTOI, LEV NIKOLAEVICH, 1828-1910—BIBLIOGRAPHY see Bibliography—Tolstoi, Lev Nikolaevich, 1828-1910

TOLUENE
Alkylation of benzene, toluene, and xylenes with 1,3 dibromobutane I. P. Tsukervanik, I. V. Bugrova Zhur. ob. Khim. 31 no 7 2143-2149 Jl '61

TOLUIC ACID
Polarographic study of terephthalic and p-toluic acids, their nitro derivatives, dimethylterephthalate, nitrodimethylterephthalate, and methyl-p-toluilate [with summary in English] IA. I. Turian, IU. A. Vakhrushev Zhur. anal. Khim. 16 no 4 183-188 Jl-Ag '61

TOMATO BREEDING
Effect of different pollination conditions on the setting of fruit, their seed content and yielding ability in hybrid tomatoes. N. V. Atrashenok Biul. Inst. biol. AN BSSR no 5 310-315 '60.

Two interesting new formations in the interspecific hybridization of tomatoes. V. A. Vnuchkova. Agrobiologiia no. 4 619-621 Jl-Ag '61.

TOMATOES
(see also subdivision under Kostroma Province, Rostov Province)
Possible use of 5-aminotetrazole and 1-phenyl-3-methylpyrazolone-5 to stimulate fruit formation in tomatoes. S. M. Moshtakov, S. IA. Ledovskii, B. F. Matrosov. Biul. Inst. biol. AN BSSR no 5 196-199 '60

TOMATOES—DISEASES AND PESTS
Causes of the blossom-end rot in tomatoes. L. A. Filippov. Agrobiologiia no. 4:626-628 Jl-Ag '61.

TOMSK PROVINCE—ARCHANGELICA
Furocoumarins from the fruit of Archangelica decurriens Ldb. IU. A. Dranitsyna Trudy Bot. Inst. Ser. 5 no. 8 43-48 '61.

TOMSK REGION—ENCEPHALITIS
Detection of specific antibodies in the blood sera of reconvalescent and healthy subjects in the Tomsk focus of tick encephalitis [with summary in English] M. I. Blinova. Vop. virus. 6 no. 5:525-528 S-O '60

TONSHAYEVO DISTRICT—PRODUCE TRADE
In the interest of shareholders and in the interest of the people. A. Kislitsin Sov. potreb. koop. 5 no. 8:23-24 Ag '61

Our experience in organizing state deliveries. A. Kislitsyn. Sov. potreb. koop. 5 no. 7:12-16 Jl '61.

TONSILS—DISEASES
Preobrazhenskii, B. S. [Anginas; their nature, prevention, and treatment] Anginy; ikh sushchnost', profilaktika i lechenie. Moskva, Medgiz, 1960. 21 p. (DNLM)

Tonsillitis. V. A. Ratner. Med. sestra 20 no. 6 32-37 Je '61.

TOOLS see subdivision under Poland

TOPKI DISTRICT—PUBLIC HEALTH ADMINISTRATION
Unnecessary caution. D. Usachev. Sov. deput. trud. no. 8:62-63 Ag '61.

TOPOGRAPHICAL DRAWING—CONVENTIONAL SIGNS
Conventional topographical signs IA. IA. Kanklin Trudy MIIGAIK no 45:13-46 '61.

TOPOGRAPHICAL SURVEYING
Making topographical surveys of construction sites and line studies cheaper S. A. Shakhidzhanian. Gidr. stroi. 31 no 7 41-42 Jl '61.

TOPOLOGY
Determining the region of capture for a system approaching the Hamiltonian system V. Mel'nikov. Dokl. AN SSSR 139 no. 1:31-33 Jl '61.

Dimensionality of perfectly regular spaces [with summary in English]. V. V. Proizvolov. Vest. Mosk. un. Ser. 1 Mat., mekh. 16 no 3 29-30 My-Je '61

Edge-vertex functions and the distribution properties of graphs A. A. Zykov. Dokl. AN SSSR 139 no 4 787-790 Ag '61.

Elliptical operators on two-dimensional manifolds. M. Z. Solomiak. Dokl. AN SSSR 139 no 1:37-39 Jl '61.

One class of completely continuous operators V. I. Matsaev Dokl. AN SSSR 139 no 3 548-551 Jl '61

Topology of groups of singular integral chains V. A. Bardosov Sib. mat. zhur. 2 no 3 331-340 My-Je '61

TORMIS, VELJO
Part and Tormis composes for the chorus. L. Normet. Sov. muz. 25 no. 7:40-42 Jl '61.

TORNADOES see subdivision under Balkhash Lake region

TORPEDO BOATS
On the stormy sea IU. Babaev Blok. agit. [Sov. Armiia] no 22 19-21 Ag '61.

On beacon lights. A. Plekhov. Blok. agit. [Sov. Armii] no 15 25-30 My '61

TORPEDOES
"Weapons for underwater assault" by V. P. Beloshchitskii, IU. M. Vaginskii Reviewed by V. Romanovskii Starsh. serzh. no 4 10 Ap '61

TORSION
Approximation method of conformal representation of multiangle areas and torsion of rods with the form of rolled profiles. V. I. Makhlvikov. Izv. vys. ucheb. zav.: stroi. i arkhit. 4 no. 2:3-10 '61.

Comparison of experimental and computed data on restrictive torsion in bridges with an open transverse profile. A. G. Barchenkov, M. I. Vestfrid, E. A. Domkov Izv. vys. ucheb. zav.: stroi. i arkhit. 4 no. 2:165 '61.

Effect of torsion on plasticity in deformations effected by alternating torsion F. P. Rybalko, A. V. Kostenko, L. P. Zelenin Izv. vys. ucheb. zav., fiz. no 1 24-30 '61

TORZHOK—HISTORY—STUDY AND TEACHING
Study of local lore is an important means of the ideological training of students E. I. Solov'ev Sred. spets. obr. 8 no. 7:38-43 Jl '61

TOSNO—AGRICULTURE—EXPERIMENTATION
Along the unbeaten track A. Voronkov IUn. nat. no 6 1-5 Je '61

TOURISM see subdivision under Novgorod

TOURIST CAMPS, HOSTELS, ETC.
Preparing for the tourism season. G. Getsov, V. Ostapenko Za rul. 19 no 4 26 Ap '61

TOURISTS, AMERICAN
The Soviet Union in many respects is far ahead of America, notes of an American tourist. Harry Freeman. Blok. agit. [Sov. Armii] no. 19 43-3 of cover Jl '61.

TOWELS
Rapid method of manufacturing colored terry-cloth towels. T. M. Osipova. Tekst. prom. 21 no 4:69-70 Ap '61

TOWERS, PACKED see Packed towers

TOWERS, PLATE see Plate towers

TOXICOLOGY see subdivision under Guaiacol

TOXINS AND ANTITOXINS
Method for studying bacterial leukotoxins. I. A. Sytnik. Lab. delo 7 no. 6:38-41 Je '61.

TOXOPLASMOSIS
Complement fixation reaction in toxoplasmosis. G. A. Orlov. Lab. delo 7 no. 6 48-49 Je '61.

Method for the artificial infection of i Shinoanskii. Lab. delo 7 no. 6:49-5

Reaction of passive hemagglutination G. A. Orlov. Lab. delo 7 no. 6 48

Toxoplasmosis of the brain (chronic e alitis and its sequelae) [with summa Beletskii. Zhur. nevr. i psikh. 61

TOY INDUSTRY
Technical toy. L. M. Eidel's. Doshk 26-29 Jl '61.

TOY INDUSTRY—EXHIBITIONS
For our children. Mest. prom. i khud 20-21 Je '61.

TOYS
Carnival toys. IU. Bugel'skii. Sem'ia no 5:32-33 My '61.

Is this a toy? E. A. Kossakovskaia. no. 6:90-91 Je '61.

TRACE ELEMENTS
(see also subdivision under Dnieper land; West Siberian Plain)
Effect of trace elements on carotene i forage plants [in Azerbaijani with si G. A. Rzaev. Izv. AN Azerb. SSR. Se 3 23-28 '61.

Effect of trace elements on grain yields and quality in different farm crops V. D. Rudin Nauch. dokl. vys. shkoly, biol. nauki no. 3 113-116 '61

Effect of trace elements on the carbohydrate and protein metabolism of oats under different moisture conditions [in Azerbaijani with summary in Russian]. M. R. Rustambekov, G. A. Rzaev. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 1 3-12 '61.

Effect of trace elements on the generative organs of grapevines [in Armenian with summary in Russian] V. S. Santurian Izv. Upr. sel'khoz. nauki Arm. SSR 4 no 1 55-61 '61

Effect of trace elements on the productivity of seeds and alfalfa and sainfoin yields in the following generation [in Armenian with summary in Russian] A. S. Tovmasian Izv. Upr. sel'khoz. nauki Arm. SSR 4 no 1 35-15 '61

Effect of trace elements on the salt tolerance of the cotton plant. A. N. Giul'akhmedov. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 4:65-72 '61.

Interrelation between the amount of some trace elements and vitamins in food products. V. P. Kamchatnov Vop. pit. 20 no 4 71-75 Jl-Ag '61.

Some results of iron, manganese, and copper determination in the water of the Black Sea B. A. Skopintsev, T. P. Popova Trudy MGI 19 21-30 '60

Trace elements in metamorphic rocks of the western slope of the Central Urals A. M. Kropachev, V. A. Krotov Dokl. AN SSSR 139 no 4:709-712 Je '61

Using the spectrographic method to determine a series of trace elements in sea water T. K. Zhavoronkina Trudy MGI 19 38-41 '60

TRACK ATHLETICS see subdivision under Moscow

TRACTOR INDUSTRY see subdivision under Cholyabinsk, Stalingrad

TRACTOR INDUSTRY—COSTS
Ways of lowering the cost of manufacturing tractors. B. G. Sivak. Trakt. i sel'khozmash. 31 no 2 38-39 F '61.

TRACTOR INDUSTRY—HYGIENIC ASPECTS see subdivision under Lipetsk

TRACTORS
(see also subdivision under Kharkov; Tuzov District, United States)
Contribution of Onega tractor manufacturers to forest workers. B. Odlis Les prom. 39 no. 7 8-9 Jl '61

DET-250 Diesel-electric tractor D. I. Lapinskii, L. P. Tikhonov Mekh. stroi. 18 no. 5,7-11 My '61

Interchangeable equipment for the T-28 tractor. G. Tarakanov Tekh. v sel'khoz. 21 no. 7 85-86 Jl '61

Konkin, IU. A. [Depreciation of machinery in agriculture; economic principles for determining the life of tractors and machinery in agriculture] Amortizatsiia tekhniki v sel'skom khoziaistve, ekonomicheskie osnovy opredeleniia srokov sluzhby traktorov i mashin v sel'skom khoziaistve. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 174 p.
(DA)

Mechanizing the unloading of bricks from annular kilns with small electric tractors. A. Kostovetskyi. Sil' bud. 11 no 6:18 Je '61

Shiriaev, V. V. [Giving instructions on starting engines and driving tractors; lessons for groups of tractor and machinery operators] Obuchenie uchashchikhsia pusku dvigatelei i vozhdeniiu traktorov; individual'nye zaniatiia s gruppami traktoristov-mashinistov. Moskva, Vses. uchebno-pedagog. izd-vo Profitekhizdat, 1961. 30 p.
(DA)

Testing friction materials for the friction areas of tractors. A. P. Begidzhanova, S. N. Popov, G. M. Khanach Trakt. i sel'khozmash. 31 no 8 15-17 Ag '61

TRACTORS—ENGINES (Continued)

Development of tractor engines in the past 10 years and the promise of the immediate future. I. Belichkin. Tekh. v sel'khoz. 21 no. 7,75-78 Jl '61

Improving the thermal conditions of tractor engines. IA. Kuvshinov. Tekh. v sel'khoz. 21 no. 7 82-84 Jl '61

Noise and vibration of tractor engines. V. IU. Vakhtel'. Trakt. i sel'khozmash. 31 no. 8 5-8 Ag '61

TRACTORS—HYDRAULIC EQUIPMENT

Performance of the hydraulic power lift. T. Zhatkevich. Sel'. mekh. no. 7:32-35 '61

TRACTORS—MAINTENANCE AND REPAIR

First maintenance. I. Mikhailov, A. Morshin. Sel' mekh. no. 7:39-40 '61

Observe the established length of service between maintenance checks. F. Stradymov. Tekh. v sel'khoz. 21 no. 7:71-74 Jl '61.

Reconditioning parts of tractors and agricultural machinery by high-frequency metallization. I. P. Kozlov. Dokl. TSKhA. no. 55:287-297 '60

Repair of tubes. V. Slavenskii. Sel' mekh. no. 7:29-30 '61.

Sushkevich, M. V. [Maintenance of tractors] Tekhnicheskii ukhod za traktorami. Pod red. M. A. Pavlova. [Stavropol'] Stavropol'skoe knizhnoe izd-vo, 1960. 317 p.

Twenty-five years behind the steering wheel. V. Loskutov. Sel' mekh. no. 7.15 '61

TRACTORS—SAFETY MEASURES

Signaling device and spark arrester. A. Logvin. Tekh. v sel'khoz. 21 no. 7:90 Jl '61

TRACTORS—TECHNOLOGICAL INNOVATIONS see subdivision under Stalingrad

TRACTORS—TESTING

Results of testing MTZ-50 and MTZ-52 tractors in sugar beet cultivation. V. D. Kas'ianenko. Mekh. sil'. hosp. 12 no. 8:12-14 Ag '61

TRACTORS—TRAILERS

Investigating tractor semitrailers with active axle. V. E. IAsenevich. Trakt. i sel'khozmash. 31 no. 2:12-14 F '61

PTU-10 universal tractor trailer. V. L. Snesarev. Trakt. i sel'khozmash. 31 no. 8 13 Ag '61

TRACTORS—TRANSMISSION DEVICES

Methods for selecting transmission gears for a tractor with a hydraulic torque converter. N. N. Velev. Dokl. TSKhA. no. 55:175-182 '60.

TRACTORS—WHEELS

Investigating the vibration of guide wheels of tractors of the 6 ton class. V. G. Terletskii. Trakt. i sel'khozmash. 31 no. 8 18-20 Ag '61

TRADE UNIONS

(see also subdivision under Africa; Athens, Brazil; Finland; Great Britain; Guinea; Hungary; India, Indonesia; Iraq; Japan; Latin America; Leningrad; Minsk; Morocco; Nizhniy Novgorod Government; Poland, Rhodesia, Southern; Syria, United States; Uruguay, Uzbekistan)

Accident. Sergei Nikitin. Sov. profsoiuzy. 17 no. 14:22-23 Jl '61.

Accomplices in the aggression. José Maria Rancaño. Vsem. prof. dvizh. no. 6 10-14 Je '61

Achieve new goals. S. Vetrov. Sov. profsoiuzy. 17 no. 13: 19-21 Jl '61.

All for the welfare of man. A. Shevchenko. Sov. profsoiuzy. 17 no. 15 1-4 Ag '61

By the very blue sea. Il'ia Korabel'nikov. Sov. profsoiuzy. 17 no. 16:39-40 Ag '61.

Concern for the people is first and foremost. T. Eremeev. Sov. profsoiuzy. 17 no. 13 13-15 Jl '61.

Concerning the reports of the members of the Presidium and the Central Committee of the trade union. A. Babatan. Neftianik. 6 no. 7:30 Jl '61.

Control? Yes, plus comrade's help! M. Chepelova. Sov. profsoiuzy. 17 no. 13:4-5 Jl '61.

Court examines the case... A. Korotkov. Sov. profsoiuzy. 17 no. 14:25-26 Jl '61.

Great tasks are a great responsibility ("Soviet trade unions during the period of large-scale building of communism" by V. V. Grishin. Reviewed by D. Borisov). Sov. profsoiuzy. 17 no. 15:31 Ag '61.

Guilty without a fault. I. Komech. Sov. profsoiuzy. 17 no. 13:38-40 Jl '61.

"How trade unions and their factory and plant committees struggled for the victory of the October Revolution, March-October 1917" by A. G. Egorova. Reviewed by L. G. Filatov. Ist. SSSR. 5 no. 4:179-180 Jl-Ag '61.

In step with our time. M. Andriukhina. Sov. profsoiuzy. 17 no. 14:20-21 Jl '61.

In the All-Union Central Council of Trade Unions. Sov. profsoiuzy. 17 no. 13:47 Jl '61.

In the All-Union Central Council of Trade Unions. Sov. profsoiuzy. 17 no. 14:47 Jl '61.

Legal protection of the rights of factory, plant, and local committees. G. Mutsinov, V. Nikitinskii. Sov. just. no. 14:22-23 Jl '61.

Letters and correspondence. N. Makarov and others. Sov. profsoiuzy. 17 no. 13:22-23 Jl '61

Life's truth and literary cliches. Viktor Perel'man. Sov. profsoiuzy. 17 no. 14 31-33 Jl '61

Monopoly oppression in the automobile industry. Jacomo-Adducci. Vsem. prof. dvizh. no. 6 28-31 Je '61

New wage system on state farms. V. Shuruev. Sov. profsoiuzy. 17 no. 16:37-38 Ag '61

On the new "Torpedo" and "old love." IU. Van'iat. Sov. profsoiuzy. 17 no. 14 11-15 Jl '61

Our motto is: high quality and durability. Sov. profsoiuzy. 17 no. 16 25 Ag '61

Piastinin, A. I. [Story of the chairman of a plant's trade-union committee] Povest' o predsedatele zavkoma. [Moskva] Izd-vo VTeSPS Profizdat, 1961. 135 p.

So that the motherland would grow richer! Sov. profsoiuzy. 17 no. 14 3-3 Jl '61.

To serve imperialism they deceive trade unions. T. F. McWhinnie. Vsem. prof. dvizh. no. 7 27-31 Jl '61

To you, party, we dedicate our work and creativeness. A. Pivovarov and others. Sov. profsoiuzy. 17 no. 16: 2a-20 Ag '61

Vigilant eye. M. Bondin. Mest. prom. i khud. promys. 2 no. 6 18-19 Je '61.

Volunteer activists are a great force. Sov. profsoiuzy. 17 no. 13 1-3 Jl '61.

TRADE UNIONS—CONGRESSES

International trade-union conference. Giuseppe Casadei. Vsem. prof. dvizh. no. 6 1-2 Je '61

Strengthen proletarian solidarity. Jamis Bruttio. Vsem. prof. dvizh. no. 6 47 Je '61.

Third International Trade-Union Conference of Transportation, Port, and Fishery Workers. Vsem. prof. dvizh. no. 7 2-3 Jl '61

Trade-union draft operating program for defending the workers' interests and rights at the present-day stage. Sov. profsoiuzy. 17 no. 16 10-24 Ag '61

What the Fifth World Congress of Trade Unions means to the workers of Australia, Japan and Finland. Vsem. prof. dvizh. no. 7:14-19 Jl '61.

TRADE UNIONS—INTERNATIONAL COOPERATION

International exchanges of views are useful. Kaoru Ota. Vsem. prof. dvizh. no. 2 26-27 F '61

TRAFFIC REGULATIONS

Automobile on an intersection (to be continued). Za rul. 19 no. 5:24-25 My '61

TRAFFIC SAFETY

Traffic control on the city's main arteries should be assigned to volunteer public inspectors. R. Ioanesian. Za rul. 19 no. 4 18-19 Ap '61.

TRAFFIC VIOLATIONS

Inadmissible maneuver. R. Lagunov. Avt. transp. 39 no. 6 48 Je '61

TRAINING OF EMPLOYEES see Employees, Training of

TRAJECTORIES

Approximate realization of motion along a given trajectory [with summary in English]. E. A. Barbashin. Avtom. i telem. 22 no. 6,681-687 Je '61.

Basic parameters of the flight of a ballistic rocket; from the foreign press. V. N. Aniutin. Vest. protivovozd. obor. no. 3:25-29 Mr '61.

Simulation and calculation of the trajectories of relativistic charged particles in electrostatic fields. A. M. Strashkevich. Radiotekh. i elektron. 6 no. 8:1401-1402 Ag '61.

TRANS-ILI ALA-TAU—MAMMALS, FOSSIL

Fauna of small mammals existing at the end of the Neogene period found at a site in the Trans-Ili Ala-Tau. V. S. Bazhanov. Mat. po ist. fauny i flory Kazakh. 3 179-183 '61.

TRANS-ILI ALA-TAU—MOLLUSKS, FOSSIL

Some recent data on fossil molluska from loess deposits of the Trans-Ili Ala-Tau. M. V. Bazhanova. Mat. po ist. fauny i flory Kazakh. 3:68-73 '61.

TRANSBAIKALIA—REVOLUTION, 1917-1921

[Time and people; articles and studies on the revolutionists who struggled for the Soviet regime in Transbaikalia] Gody i liudi; stat'i i ocherki ob uchastnikakh bor'by za Sovety v Zabaikal'e. [Chita] Chitinskoe knizhnoe izd-vo, 1960. 412 p. (K sorokoletiiu osvobozhdeniia Zabaikal'ia ot belogvardeitsev i interventov)

TRANSBAIKALIA—ROCKS, IGNEOUS

Sidorenko, V. V. [Geology and petrology of the Shakhtama intrusive complex] Geologiia i petrologiia Shakhtaminskogo intruzivnogo kompleksa. Moskva, Izd-vo Akad. nauk SSSR, 1961. 102 p. (Akademiia nauk SSSR. Geologicheskii muzei. Trudy, no. 7)

TRANSBAIKALIA—STEPPES

Reshchikov, M. A. [Steppes of western Transbaikalia] Stepi Zapadnogo Zabaikal'ia. Moskva, Izd-vo Akad. nauk SSSR, 1961. 171 p. (Akademiia nauk SSSR. Vostochno-Sibirskii filial, Irkutsk. Trudy, no. 34)

TRANSBAIKALIA—WORLD WAR, 1939-1945

"Advance of our cavalry." Sovr. Mong. 6 no. 5,8 '61

TRANSCARPATHIA—CATHOLIC CHURCH (BYZANTINE RITES)

Public confession of a former Jesuit ("Behind the terrible gate" by IU. Mezesii. Reviewed by M. Cr... Volov. Ateist. no. 1 63-64 Ja '61

TRANSCARPATHIA—CLERGY

Here they are, our "holy fathers." IU. Sukhan... Ateist. no. 1 30 Ja '61

TRANSCARPATHIA—FORAMINIFERA, FOSSIL

Development of some ribbed miliolids in the Miocene sediments of Transcarpathia. I. V. Venglinskii. Ukr. geol. zhur. 21 no. 3 97-101 '61.

TRANSCARPATHIA—HISTORY

Pachovs'kyi, Vasyl'. [Silver Land; one thousand years of the Carpathian Ukraine in a historical sketch with a map] Sribna Zemlia, tysiachotittia Karpats'kol Ukrainy; narys istorii z mapoiu. Vyd. 2 nezminene. New York, Nakl. Vyd-va "Hoverlia," 1959. 69 p. (Istorychno-politychna bibliioteka," no. 1)
(InU)

TRANSCARPATHIA—YOUTH

Klympoliuk, M. [Youth in a struggle] IUnist' v borot'bi. Uzhhorod, Zakarpats'ke obl. vyd-vo, 1958. 101 p. (40 rokiv Lenins'koi komunistychnoi spilky molodi Ukrainy)
(MH)

TRANSCAUCASIA—ART

Fogel', Z. V. [Young artists of Transcaucasia] Molodye khudozhniki Zakavkaz'ia. [Moskva] Sovetskii khudozhnik, 1959. 17 p.
(KU)

TRANSCAUCASIA—CAROPODIUM

Investigating the essential oil of Caropodium platycarpum Schischk. G. V. Pigulevskii, T. P. Razhegaeva. Trudy Bot. inst. Ser. 5 no. 9 28-31 '61.

TRANSCAUCASUA—RUSSIAN SOCIAL DEMOCRATIC PARTY

Manjikonian, K. A. [V. I. Lenin and the Bolshevik organizations of Transcaucasia from 1903 to 1907] V. I. Lenin i bol'shevistskie organizatsii Zakavkaz'ia, 1903-1907. Erevan, Armianskoe gos. izd-vo, 1961. 193 p.

TRANSCAUCASIA—SELF-DETERMINATION, NATIONAL

The establishment of Soviet republics in Transcaucasia as a triumph of the Leninist nationalities policy and the principles of national self-determination. A. Z. Bragin. Sov. gos. i pravo. 31 no. 2 48-58 F '61

TRANSDUCERS

Electronic acoustic transducer for the visualization of sound images. P. K. Oshchepkov, L. D. Rozenberg, IU. B. Semennikov. Akust. zhur. 7 no. 2,268 '61.

Electronic transducer of random signals. V. I. Belikov, IU. V. Paramonov. Probl. pered. inform. no. 9 87-102 '61

Inductive transducers for studying the operating processes of internal combustion engines. A. A. Zhdanov and others. Izv. vys. ucheb. zav., elektromekh. 4 no. 5-86-95 '61.

Industrial devices using radioactive materials. Prom. energ. 16 no. 5:62-63 My '61.

Nechaev, G. K., and N. P. Udalov. [Relays and transducers using semiconductor thermistors] Rele i datchiki s poluprovodnikovymi termosoprotivleniiami. Moskva, Gos. energ. izd-vo, 1961. 108 p. (Biblioteka po avtomatike, no. 29)

Ruzha, Zdansk. [Electric resistance tensiometers] Elektricheskie tenzometry soprotivleniia. Pod red. N. P. Raevskogo. Moskva, Gos. energ. izd-vo, 1961. 335 p.

Use of the Hall transducers for measuring the parameters of the commutating field of d. c. machinery. V. V. Mygidson, I. S. Mendeleev, V. IU. Chudnovskii. Izv. vys. ucheb. zav.; elektromekh. 4 no. 3:102-109 '61

Use of the Hall transducers in the study of the commutational reaction of the armature in d. c. machinery. V. A. Lifanov, A. G. Dorm. Izv. vys. ucheb. zav.; elektromekh. 4 no. 3:109-115 '61.

TRANSFER OF EMPLOYEES see Employees, Transfer of

TRANSFORMATIONS (MATHEMATICS)

Homomorphisms of the semigroups of all partial transformations. E. G. Shutov. Izv. vys. ucheb. zav., mat. no. 3:177-184 '61.

Ribeaucourt transformation in conformal geometry. V. G. Tikhonov. Izv. vys. ucheb. zav.; mat. no. 3:138-147 '61

TRANSIENTS (ELECTRICITY)

Transients in an accelerating system due to particle injection. S. A. Kheifets, A. I. Baryshev. Zhur. tekh. fiz. 31 no. 5,608-612 My '61.

Use of an electronic model for studying transient processes in a d. c. motor. V. A. Borisov. Izv. vys. ucheb. zav., elektromekh. 4 no. 5:7-14 '61.

OR AMPLIFIERS
of tuned transistor amplifiers with uncompen-
edback. IU. G. Kriukov Radiotekhnika 16
-66 Ag '61.
f a transistor amplifier circuit N.S Nikolaen-
lektrosviaz' 15 no. 8 40-46 Ag '61
ric amplifiers. V. Alfeev, G.Dobiukin, Radio
-20, 25 My '61.
or amplifiers for impedance sign converters,
urkin, A. A. Sokolov. Izv. vys. uchab. zav.; elek-
4 no. 3:138-145 '61.

OR CIRCUITS
ircuits of transistorized impedance sign con-
. IU L. Kurkin, A. A. Sokolov Izv vys ucheb
lektromekh. 4 no. 6:19-26 '61
on of transistor self-oscillatory circuits [with
ry in English]. N. I. Ashkel', L V Postnikov
ucheb zav.; radiofiz. 4 no 2 319-329 '61
conditions of regenerative transistor networks,
tager Probl. pered. inform no 9 230-239

two equivalent transistor circuits M.E Mov-
, V K Labutin. Elektrosviaz' 15 no. 8 35-39

nnel diodes in radio engineering circuits E.M.
nzon, N.E. Selivanenko, V S. Etkin Elektro-
5 no. 8,11-19 Ag '61.

OR OSCILLATORS see Oscillators, Transistor

OR RADIOS
and "Neva" pocket radios. E. Borodin, S. Kra-
. Radio no. 5:32-33 My '61.

ORS
ng the currents in an alloy-type transistor with
y voltage amplitudes at the junctions A S
ovskii Izv. vys. ucheb. zav., fiz no 7 34-41

ng the overload capacity of germanium transis-
P. D. Davidov, V. D. Nagorskii. Izv AN SSSR
h. nauk. Energ. i avtom. no. 3:159-165 My-Je

ental proof of the existence of two components of
quency fluctuations in devices with p-n junctions
rpov. Fiz. tver. tela 3 no 6 1691-1693 Je '61.
s, N.S., V. E. Chelnokov, and M. P. Gelfman.
on transistors] Ploskostnye tranzistory. Lenin-
os, soluznoe izd-vo sudostroit. promyshl., 262 p.
for producing electron-hole junctions in semi-
ors. V. A. Presnov, S S. Khludkov Izv vys
av., fiz. no. 1:41-45 '61.
ultations. Radio no. 4-61-63 Ap '61.
r d.c. voltage converter. IU. A Rozanov.
IIGMP no. 9:102-106 '60
nnel diodes in radio engineering circuits E.M.
nzon, N. E. Selivanenko, V S Etkin Elektro-
15 no 8:11-19 Ag '61.

ING MACHINES
e is taught languages. I. A El'kind, Nauka i
28 no. 6:50-54 Je '61.

NTATION OF ORGANS, TISSUES, ETC.
..N., ed. [Transplantation and replacement of
nd organs] Peresadki i zameshchenila tkanei i
[Leningrad] Gos. izd-vo med. lit-ry Medgiz,
otd-nie, 1960. 323 p.
LM)

T WORKERS—DISEASES AND HYGIENE
of the motor apparatus in transport workers ex-
cold. T. Sarachev. Gig. i san. 26 no. 3:98-100

TATION
A. P., and I. IA. Aksenov, eds. [Cybernetics and
mation of transportation] Kibernetika i avto-
sila transportnykh protsessov, sbornik statei.
Vses. izdatel'sko-poligr. ob'edinenie M-va
obshchenila, 1960. 274 p.
ew achievements in science and technology in
tation construction. Transp. stroi. 11 no 7:
61.
ation workers, monopolies and neocolonialism.
rjee. Vsem. prof. dvizh. no 7:9-13 Jl '61.

TATION—ABSTRACTS
iation.] Ref. zhur.: Transp. no.7 Jl '61.
ation.] Ref. zhur.: Transp. no.8 Ag '61.

TATION—BUILDINGS AND STRUCTURES
s. Transp. stroi. 11 no. 7:62-64 Jl '61.
banner of socialist competition. Avt. dor 24
Jl '61.
transportation construction workers with
and medals of the Exhibition of National
nents. Transp. stroi. 11 no. 7:38-40 Jl '61.
or inventors in construction for the transporta-
stry. B. Beliaev. Avt. dor. 24 no 7:6 Jl '61

TRANSPORTATION—CONGRESSES
Third International Trade-Union Conference of Transportation, Port, and Fishery Workers Vsem prof dvizh no 7 2-3 Jl '61

TRANSPORTATION, AUTOMOTIVE
(see also subdivision under Alma-Ata Province)
Determining the requirements for means of transportation in hauling agricultural loads. S. Slepp, A. Dvoinovskii. Tekh. v sel'khoz. 21 no. 6,72-73 Ag '61.
Eighth Scientific Conference of the Scientific Research Institute for Automotive Transportation Avt transp 39 no 6 39 Je '61.
Motozov, V. I. [Organization and mechanization of loading and unloading operations in truck transportation] Organizatsiia i mekhanizatsiia pogruzochno-vygruzochnykh rabot na avtomobil'nom transporte, iz opyta raboty "Mosgormekhpogruz." Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 70 p
Socialist way of the expansion of passenger automotive transportation Za rul 19 no 5,1 My '61

TRANSPORTATION, AUTOMOTIVE—ACCOUNTING
Use of electronic calculating machines in automotive transportation B. Geronimus. Avt. transp. 39 no 6 57-58 Je '61

TRANSPORTATION, AUTOMOTIVE—COST OF OPERATION
Measures for lowering transportation costs based on the analysis of operations. G. Smirnov. Avt transp. 39 no. 6 37-39 Je '61.

TRANSPORTATION, AUTOMOTIVE—FREIGHT
(see also subdivision under Moscow; White Russia)
New wage system for the workers of automotive transportation S. Koval'chuk. Muk.-elev prom 27 no 8: 27-28 Ag '61

TRANSPORTATION, AUTOMOTIVE—INTERNATIONAL COOPERATION
Strengthening of the cooperation between European countries in the field of transportation D. Orlov, A. Il'in. Avt transp. 39 no 6:34-35 Je '61

TRANSPORTATION, AUTOMOTIVE—SAFETY MEASURES
Profsoiuz rabotnikov sviazi, rabochnik avtomobil'nogo transporta i shosseinykh dorog. TSentral'nyi komitet. [Safety regulations for truck transportation enterprises] Pravila tekhniki bezopasnosti dlia predpriiatii avtomobil'nogo transporta. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 71 p.

TRANSPORTATION, MILITARY
New trips tomorrow. T. Uzhegov. Sov. voin 43 no. 8:29 Ap '61.

TRANSURANIUM ELEMENTS
Investigating the properties of transuranium elements on the basis of the superfluid model of the nucleus [with summary in English]. V. G Solov'ev Zhur. eksp. i teor fiz. 40 no 2:651-665 F '61.

TRAPPING
Trap for mole rats [with summary in English]. B. A Golov Zool. zhur. 40 no. 7:1110-1111 Jl '61.

TRAUMATISM
Traumatism must be overcome. D. Torosov and others. Sov. shakht. 10 no. 3:34-35 Mr '61.

TRAVEL
Przhiemskii, IU. B. [Raft for a tourist voyage] Plot v turistskom puteshestvii. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1961. 94 p.

TRAVELING-WAVE TUBES
Frequency division on superhigh frequencies by means of a traveling-wave tube [with summary in English] S. A. Akhmanov, A. S. Gorshkov, I. T. Trofimenko Izv. vys. ucheb. zav., radiofiz. 4 no 2 309-318 '61
Investigation of a delay system with noncontacting plates. D. I. Voskresenskii and others. Trudy MAI no. 125: 43-68 '60.

TRAVERSES (SURVEYING)
Errors occurring in measurements of the elements of photopolygonometric traverses. K. N. Gertsenova, M. V. Abramova. Geod. i kart. no. 7:36-42 Jl '61.
Estimating the accuracy of polygonal traverses adjusted by a simplified method. E. I. Rykhliuk. Geod. i kart. no. 7:20-25 Jl '61.

TRAWLS AND TRAWLING
Mechanization of trawls. N. Bolgarov. Nauka i zhizn' 28 no. 6:16 Je '61.
Theoretical foundations for the calculation of the motion of the boat with a trawl. I. R. Matrosov. Ryb. khoz. 37 no 6:41-53 '61.

TREE PLANTING
Shafranskii, T. P. [Transplanting trees in winter] Peresadka derev'ev zimoi. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 79 p.
(DA)

TREE RINGS
Trees as the chroniclers of climate. A. S. Liseev. Biol. v shkole no 4:81-82 Jl-Ag '61

TREES
(see also subdivision under Caucasus, Upen, Talysh Mountains)
Forest plants on the school experimental plot. I. V Kostinskaia. Biol v shkole no 4:54-55 Jl-Ag '61.
Grinev, B. M. [Trees and shrubs suitable for outdoor growing in the European part of the U.S.S.R., manual for students] Derev'ia i kustarniki, prigodnye dlia vyrashchivaniia v otkrytom grunte Evropeiskoi chasti SSSR; spravochnik dlia studentov. Moskva, I-i Mosk. med. in-t. No.1 1960 127 p.
Height growth of one-year-old seedlings of some tree species in soils of different acidity M. D. Nestiarovich, A F Ivanov Vestsi AN BSSR Ser. biial nav no 2 21-28 '61
Morphological and anatomical characteristics of tree and shrubbery buds and their ability to adapt themselves to winter conditions. M. A Efimova Uch. zap Ped. inst Gertz 178:99-110 '59.

TREES—FERTILIZERS AND MANURES
Foliar feeding of green plantings in the early spring I. N. Rakhteenko, L. A Kriot Biul Inst. biol AN BSSR no 5-82-86 '60.

TREES—IDENTIFICATION
Methods of determining tree species during manual training lessons L. P. Antonov. Shkola i proizv 5 no 7: 29-30 Jl '61

TREES—PHYSIOLOGY
Changes in the water and dry matter content of leaves in some trees during summer. N. D. Nesterovich. Biul. Inst. biol. AN BSSR no. 5 3-8 '60.

TREES, FOSSIL see subdivision under Siberian Platform

TREMATODA
Dynamics of fat deposition in the life cycle of trematodes T A. Gineisinskaia Dokl. AN SSSR 139 no 4 1016-1019 Ag '61
Skriabin, K. I. [Trematodes of animals and man; fundamentals of trematodology] Trematody zhivotnykh i cheloveka, osnovy trematodologii Izd-vo Akad nauk SSSR.
Vol XVIII 1960 746 p.

TRIALS (ESPIONAGE)
A Dane's comments on the trial of Powers Christian Hagens. Sov gos i pravo no. 11,111-112 N '60.
A trial for the defense of peace. G N Aleksandrov. Sov. gos. i pravo no 11:104-111 N '60

TRIANGULATION
Computation of Gaussian coordinates in processing the data of second-order triangulation without transferring the measured elements of the network to a plane A. I Deviatov, K Kh. Marek Trudy MIIGAiK no. 45: 125-132 '61.
Computing the angles of a plane triangle from the length of its sides IU S. Khmelevskii. Geod i kart. no. 7: 32-37 Jl '61
Determination of some coefficients of normal equations. I S. Neshchadimov Geod. i kart. no 7:29-31 Jl '61

TRIAZINE
Effectiveness of simazine and atrazine in weed control [in Armenian with summary in Russian] A K Torchian

fiz. khim 35 no. 7 1430-1434 Jl '61
Experimenting with herbicides simazine and atrazine on corn and other forage crop fields [in Armenian with summary in Russian]. A T Smbatian. Izv. Upr. sel'khoz. nauki Arm SSR 1 no 2:41-50 '61.
Investigating conditions for the application of simazine and atrazine [in Armenian with summary in Russian]. G. A. Darbinian. Izv Upr. sel'khoz. nauki Arm. SSR 4 no 3.49-58 '61
Using atrazine for controlling weeds in shelterbelts. A. N. Oshovskii Les khoz. 14 no. 7:71 Jl '61.

TRIAZINE—PHYSIOLOGICAL EFFECT
Effect of atrazine and simazine on rabbits [in Armenian with summary in Russian]. S. E. Torosian, E. E. Tevosian. Izv. Upr. sel'khoz nauki Arm. SSR 4 no. 2 97-99 '61.

TRICHINELLA SPIRALIS
Projection camera for a trichinelloscope. M. Serdiukova, B. Chepliuk. Mias. ind. SSSR 32 no. 3.47 '61.

TRICHODERMA
Intraspecific variability of the fungus Trichoderma lignorum (Tode) Harz [with summary in English] O. P. Kamyshko Bot. zhur. 46 no. 5:646-650 My '61.

7696 O - 19

TRICHOMONIASIS
Control of trichomonas infections of the urogenital organs [with summary in English] G R Robachevskii Sov zdrav 20 no 6 33-36 '61
Treatment of urogenital trichomoniasis in women by electrophoresis with osarsol E D Svet-Moldavskaia, S D. Leikina, E N IUr'eva Vop. kur., fizioter i lech fiz kul't 26 no. 3 254-255 My-Je '61

TRIODES
Investigation of channel triodes Z S Gribnikov, V N Kompan, L V Sviatogor Radiotekh. i elektron. 6 no 8 1340-1341 Ag '61

TRITIUM
Production of tritium in lead and aluminum under the action of high-energy protons, deuterons, and α-particles [with summary in English] V V Kuznetsov Zhur eksp i teor fiz 40 no 5 1263-1269 My '61
Production of tritium in the bombardment of heavy nuclei by fast protons [with summary in English] S V Izmailov, I I Pianov Zhur eksp i teor fiz 41 no 1 118-126 Jl '61

TRITONS (TRITIUM IONS)
Neutron yield in the reaction of tritons with fluorine and aluminum nuclei [with summary in English]. A. K. Val'ter and others Zhur eksp i teor fiz 40 no. 5: 1237-1243 My '61

TROLLEY BUSES see subdivision under Chelyabinsk, Kiev

TROLLEY WIRES see Electric current collectors

TROPICAL PLANTS see subdivision under Georgia

TRUCK TRAILERS
Design and maintenance characteristics of the ChMZAP-5208 trailer. V Zhestkov, IU IAchin Avt. transp 39 no 6 43-45 Je '61
Standard series of pipe-transporting machines A. I Gal'perin, V. F Nikolenko, I V. Makarov Strol. truboprov 6 no 6 6-10 Je '61
Transportation of drilling rigs on heavy-duty trailers A Lobkin Neftianik 6 no 7 9 Jl '61

TRUCKS, HAND see Hand trucks

TRUNINA, LILIA
Two roles and two portrayals. A. Tamaev, Smena 38 no. 14-28 Jl '61.

TRUSKAVETS—HEALTH RESORTS, WATERING PLACES, ETC.
Results of prolonged observation of peptic ulcer patients treated at the Truskavets Health Resort. D. I Vizir Vop kur., fizioter i lech. fiz kul't 25 no 3, 207-209 My-Je '61
Treatment of patients following stomach resection for peptic ulcer at the Truskavets Health Resort V I Lemeshko Vop kur., fizioter i lech fiz kul't. 26 no 3 209-214 My-Je '61

TRUSSES
Causes of the collapse of steel truss plates. IU. V. Galdarov, V. G. Patrin. Prom. stroi. 39 no. 7:51-53 '61.
Combination-design truss plates. V. B. Chartorizhskii. Prom. stroi. 39 no. 7:46-47 '61.
Effect of joints rigidity of the performance of reinforced concrete trusses. IU A. Kashirskii. Trudy Ural. politekh inst. no. 110 11-21 '61.
Experimental study of stressed mesh-reinforced trusses with a span of 33.5 m. L. M. Sedokov, G. I. Tyzhnov. Izv. vys. ucheb. zav.: strol. i arkhit. 4 no. 2:165-170 '61.
[illegible] sses is under way. I. Kopelovich. 24 My '61.
[illegible] wer chords of trusses which are I. Labzenko. Trudy Ural. politekh inst. no. 110 63-72 '61.

TRUSTS, INDUSTRIAL see subdivision under Japan

TRUTH
Gnosiological concepts of the true and untrue in the light of V I Lenin's work "Materialism and empiric criticism" F. A. Selivanov. Trudy TGU 149:43-54 '60
Problem of the truth of conceptions in the light of Lenin's theory of reflection. L G Rubinov. Trudy TGU 149 55-60 '60

TSELINNYY KRAY see Virgin Territory

TSELINOGRAD—APARTMENT HOUSES
Help for TSelinograd construction workers Strol. i arkhit Len 23 no 7:3 of cover Jl '61

TSELINOGRAD—GRAIN-HANDLING MACHINERY
Using mobile loading machines at the grain elevator of TSelinograd. K Ryzhov Muk.-elev prom 27 no 7. 14 Jl '61

TSELINOGRAD PROVINCE—PLOVERS
Biology of the sociable plover. D I. Chekmenev. Trudy Inst. zool. AN Kazakh. SSR 15:143-146 '61.

TSENTRAL'NO-CHERNOZEMNYI ZAPOVEDNIK see Central Black Earth Preserve

TSIMLYANSK HYDROELECTRIC POWER STATION—DAMS
Thrust of ice on the upper slope of an earth dam S. A Katkova Gidr stroi 31 no 7:35-36 Jl '61

TSIMLYANSK RESERVOIR—FISHERIES
Tsimlyansk Reservoir I. I Lapitskii Izv VNIORKH 50 102-116 '61.

TSIMLYANSK RESERVOIR REGION—COCONUT OIL
Coconut oil from TSimla A. Korkishchenko. Ogonek 39 no 23,15 Je '61

TSIMLYANSK RESERVOIR REGION—FISH CULTURE
First year of the operation of the TSimlyansk Fish Spawning and Raising Farm I I Kuznetsova, V S Matiushin Ryb khoz 37 no 6:27-30 '61

TSIOLKOVSKII, KONSTANTIN EDUARDOVICH, 1857-1935
"Path to the stars" by K. E TSiolkovskii. Reviewed by I Inozemtsev Kul't i zhizn' 5 no 6 45-46 '61
TSiolkovskii's ideas ("The way to the stars" by K E TSiolkovskii Reviewed by V. Rechmedin) Nauka i zhyttia 11 no 6 55 Je '61

TSIOLKOVSKII, KONSTANTIN EDUARDOVICH, 1857-1935—MUSEUMS, RELICS, ETC.
Where TSiolkovskii worked Igor Shedvygovs'kyi. Nauka i zhyttia 11 no 6 17-19 Je '61.

TSIURUPA, ALEKSANDR DMITRIEVICH, 1870-1928
Davydov, M. I. Aleksandr Dmitrievich TSiurupa. Moskva, Gos. izd-vo polit. lit-ry, 1961. 102 p.

TSUMEB, SOUTHWEST AFRICA—GERMANIUM
High-grade germanium ore deposits L. V. Chernysheva Geol mest red. elem. no. 5:34-35 '59
TSumeb deposit (South-West Africa). L. V. Chernysheva. Geol mest red. elem. no 5 35-62 '59.

TSVIRKO, VITALII KONSTANTINOVICH, 1913-
Zaslavskaia, O. V. Vitalii Konstantinovich TSvirko. Moskva, Sovetskii khudozhnik, 1960. 86 p. plates. (MH)

TUAPSE REGION—GARNET
Garnet placer in Tuapse IU. I Blinov, S. IA. Orekhov, I A Shamrai Priroda 50 no 8:108-109 Ag '61

TUBERCULOSIS
Averbakh, M. M. [To the patient with pulmonary tuberculosis] Bol'nomu tuberkulezom legkikh. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 37 p. (Nauchno-popularnaia meditsinskaia literatura) (DNLM)
Chemoprophylaxis and chemotherapy of tuberculosis under army conditions. I. B. Beilin. Voen.-med zhur no. 3:32-36 Mr '61.
Kishinev, Gosudarstvennyi meditsinskii institut. [Pathomorphology of the nervous system in tuberculosis; collection of articles of the Kishinev State Medical Institute] Patomorfologiia nervnoi sistemy pri tuberkuleze, sbornik rabot. Pod rukovodstvom F. E Ageichenko. Red. V. I. Puzik. Mishinev, Gos. izd-vo Moldavii, 1958. 221 p. (DNLM)
Occupational therapy. S. E. Nezlin. Zdorov'e 7 no. 6: 23-24 Je '61.
Parfenova, I. P. [Lymphatic system of the lungs under normal conditions and in tuberculosis; radiographic studies] Limfaticheskaia sistema legkogo v norme i pri tuberkuleze; rentgeno-anatomicheskie issledovaniia. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 148 p. (DNLM)
Some problems of military medical expert testimony in tuberculosis of the lungs. E. M. Grinshpunt. Voen.-med. zhur. no. 3 37-40 Mr '61.
Work of a maternity home for tuberculous patients [with summary in English] L. V Ostrovitianova Sov. zdrav. 20 no. 6, 25-29 '61.

TUBERCULOSIS—CONGRESSES
Conference of pathiologists of the Ministry of Defense of the U. S. S. R. Voen.-med. zhur no. 3:90-91 Mr '61.

TUBERCULOSIS—HOSPITALS AND SANATORIUMS see subdivision under Moscow

TUBERCULOSIS IN POULTRY
Dry tuberculin protein derivative for the diagnosis of tuberculosis in poultry and paratuberculosis in cattle V I. Rotov. Visnyk sil'hosp. nauky 4 no 8 91-94 Ag '61.

TUBERCULOSIS RESEARCH see subdivision under Moscow

TUBEROUS SCLEROSIS
Clinical aspects and psychopathology of tuberous sclerosis [with summary in English]. I. S. Teta. Zhur. nevr. i psikh. 61 no. 3:412-419 '61.

TULA—HOUSING
A mistake that cost several million rubles. I. Kuritsyn. Zhil.-kom. khoz. 11 no. 7:14 Jl '61.

TULA—MOTOR SCOOTERS
Achieved mastery and helps a comrade. M. Chernenko Za rul. 19 no 5 2-3 My '61

TULA BASIN—FIRE CLAY
Using refractory clay from the Kimovsk coal pit. L. N. Zubkova. Ogneupory 26 no. 6 261-265 '61.

TULA PROVINCE—COAL MINERS
A worker goes to the meeting... I. Galkin. Sov. profsoiuzy 17 no 15-11-15 Ag '61.

TULA PROVINCE—GAS, NATURAL
Collective and state farms need gas I. Maklinovskii Zhil.-kom khoz 11 no 6, 6-7 Je '61

TULA PROVINCE—INDUSTRIAL SAFETY
Valuable initiative of Tula residents. Zhil.-kom kh[illegible] 11 no. 7 12 Jl '61

TULA PROVINCE—WORKS COUNCILS
Voskresenskii, G. I. [Workers' meetings; studies on conducting general meetings of workers and employees] Rabochie sobraniia, ocherki ob opyte provedeniia obshchikh sobranii rabochikh i sluzhashchikh. [Tula] Tul'skoe knizhnoe izd-vo, 1960. 46 p.

TULAREMIA
Tularemia N G Olsuf'ev Med sestra 20 no 6 20-23 Je '61

TULIPS see subdivision under Kara-Tau

TUMORS
Attempt to demask Rous virus in mammal tissues [with summary in English] I. N Krilova. Vop. virus. 7 no. 3:313-317 My-Je '61.
Cultivation of HeLa cells on nutrient media with hydrolysates of human and equine albumins of blood serum O. S. Gudima, N A. Kolesnikova, L. N. Shubnitsv. Vop. virus. 7 no. 3:375-380 My-Je '61.
Further observations on rabbit fibromatosis induced by Rous virus [with summary in English]. I. N. Krilova Vop. virus. 7 no. 3 317-321 My-Je '61
Observations on hemorrhagic disease in rats caused by Rous' sarcoma virus Report No. 3; [with summary in English]. I. N. Krilukova. Vop. virus. 6 no 5 502 Sil S-O '60.

TUMORS—BIBLIOGRAPHY see Bibliography—Tumors

TUNGSTEN
Investigation of atomic layers of zirconium on the faces of tungsten crystals with the aid of electronic [illegible] projectors. V. N Shrednik Fiz. tver. tela 3 [illegible] 1750-1761 Je '61

TUNGSTEN—ANALYSIS
Determination of small quantities of wolfram in the bi[illegible] and urine. Kh. IA. Vengerskaia. Lab. delo 7 no 4 [illegible] 21 Je '61.
Methods of chemical analysis of molybdenum - tungsten minerals. V. M. Senderova Trudy KNIM no 64 Met. i khim. anal min no. 1:70-77 '61.

TUNGSTEN—METALLOGRAPHY
Preparation of molybdenum and tungsten metallographic sections. IU. S. Ezhova, S. M. Panin. Zav. lab. 27 no. 8:1044 '61.

TUNGSTEN-COBALT-NICKEL ALLOYS—METALLOGRAPHY
Sintering process and the structure of alloys of tungsten-cobalt and tungsten-nickel carbides with insoluble carbon. I N. Chaporova, E A. Shchetilina Izv Ak. SSSR Otd. tekh. nauk, Met. i topl no 3:37-41 My Je '61.

TUNGSTEN OXIDE
Solubility of titanium, molybdenum, and tungsten oxides in fused borax. Shen' TSin'-nan, IU. K Delimarskii, Ukr. khim. zhur 27 no 4 454-457 '61

TUNGUS TALES see Tales, Tungus

TUNGUSIC LANGUAGES—BIBLIOGRAPHY see Bibliography—Tunguisic languages

TUNGUSIC LANGUAGES—STUDY AND TEACHING
Gortsevskaia, V. A. [Outline history of the teaching of the Tungusic-Manchu languages] Ocherk istorii izucheniia tunguso-man'chzhurskikh iazykov. Leningrad, Uchpedgiz, 1959. 77 p. (Istoriia otechestvennogo iazykoznaniia, no. 2) (MH)

TUNGUSKA, NIZHNYAYA see Lower Tunguska Valley

TUNGUSKA, PODKAMENNAYA see Podkamennaya Tunguska Valley

TUNGUSKA BASIN—PHYSICAL GEOGRAPHY
Some geomorphological and paleogeographical problems with regard to the central part of the central Siberian Plateau A. G. Zolotarev. Trudy Irk. un. 24 43 55 '[illegible]

TUNGUSKA BASIN—SILLS (GEOLOGY)
Padun diabasic sill. B. M. Vladimirov. Trudy Vost.-Sib. fil. AN SSSR no. 16:139-170 '61.

TUNISIA—DESCRIPTION AND TRAVEL

Through Morocco and Tunisia V S Gavriliuk Nauka i zhyttia 11 no 6 52-53 Je '61

TUNISIA—EDUCATION

Public education in Tunisia E K. Golubovskaia Uch zap Inst nar Azii 22;3-12 '60

TUNISIA—FOREIGN RELATIONS—FRANCE

Aggression in Bizerta P Efimov Nov vrem 19 no 31,16-17 Jl '61

Bizerte is a cemetery of illusions. IU.Bochkarev. Nov.vrem. 19 no.33 19-22 Ag '61.

A discussion of current events. Agitator no. 15,38-40 Ag '61

Tunisia and the United Nations. Nov vrem 19 no. 34 3 Ag '61

TUNKA DEPRESSION—BASALT

Basalts of the Tunka depression system N. V. Kukharenkova Trudy Vost. -Sib. fil AN SSSR no 16;51-62 '61

TUNNEL LINING
(see also subdivision under Hamburg, Leningrad)

Optical investigation of stresses in the linings of hydraulic pressure tunnels of circular and horseshoe-shaped cross sections. I. M. Dmitriev. Trudy Nauch. -issl. sekt. Mosk. fil. Inst "Orgenergostroi" no. 3 57-70 '59.

TUNNELING

Construction of hydraulic tunnels in soft ground. M. N. Belbin, V. P. Platonova. Trudy Nauch. -issl. sekt. Mosk. fil Inst "Orgenergostroi" no. 3·19-53 '59.

Lining a tunnel heading in firm rocks. Transp stroi 11 no. 7·53 Jl '61.

New method of tunneling in weak and fractured rocks. V. M. Mostkov, A. A. Vaitanian Trudy Nauch. -issl. sekt. Mosk. fil Inst. "Orgenergostroi" no. 3·54-56 '59

TUNNELS
(see also subdivision under Mont Blanc)

Hydrogeological calculations for drainage conduits of tunnels. N IA. Vainshtein Transp stroi. 11 no 7 43-45 Jl '61

Precast reinforced concrete underground utility tunnel large enough to walk through A A Litvinov, S IA. Kosolapov, G. R Rozenvasser Gor khoz Mosk 35 no 7;40-41 Jl '61

TUNNELS—VENTILATION

Grishaev, V. I. [Ventilation of railroad tunnels] Ventilitatsiia tonnelei na zheleznykh dorogakh. Moskva, Vses. Izdatel'sko-poligr. ob"edinenie M-va putei soobshchenitn, 1961. 122 p.

TURBIDITY

Units of turbidity for optic standardization of bacterial preparations. B. A. Fikiman. Lab. delo 7 no. 6·52-54 Je '61.

Universal method for titrimetric determination of turbidity. P. IAnov, L. Boboshevski. Lab. delo 7 no. 6· 24-26 Je '61.

TURBINES

Effect of the Re number on the characteristics of turbine stages with different degrees of reactivity. N. M. Markov. Energomashinostroenie 7 no. 4 41-42 Ap '61.

For technological progress. I Nosikov. Part. zhizn' no 15/16;137-139 Ag '61

Friendship strengthened through competition. M. Sorokin. Sov profsoiuzy 17 no. 15;5-7 Ag '61.

News in power machinery construction abroad. L. E. Apatovskii, D. Budniatskii, IU. I. Novichkov. Energomashinostroenie 7 no. 4, 46-47 Ap '61.

Some features of the control of TMZ heat supplying turbines. A. V. Rabinovich. Energomashinostroenie 7 no. 4:1-4 Ap '61.

Study of the fatigue resistance of 1X13 steel subject to variable bending with static stretching. G. S. Pisarenko and others. Energomashinostroenie 7 no. 4·29-31 Ap '61.

Use of electronic computers for calculating the self-oscillations in turbine discs. V. M. Zelenin, N. V. Krotova. Energomashinostroenie 7 no. 4:5-7 Ap '61.

TURBINES—EQUIPMENT AND SUPPLIES

New device for the hot-tightening of pins. B. S. Revzin. Energetik 9 no. 3;11-13 Mr '61.

TURBINES—VIBRATION

Increase of the vibration of a turbine. V. I. Makhnaev. Energetik 9 no. 3;16 Mr '61.

TURBOGENERATORS

Change in the excitation and field quenching circuit of a large hydrogenerator. V. B Poliakov. Elek sta 32 no. 4;58-61 Ap '61.

News in power machinery construction abroad. L. E. Apatovskii, D. M. Budniatskii, IU. I. Novichkov. Energomashinostroenie 7 no. 4;46-47 Ap '61.

Rotor bands from aluminum alloys. V. S Gurvich, O. S. Golodnova. Elek. sta. 32 no. 4:94-95 Ap '61.

Vul'man, G. L. [Current trends in the manufacture of turbogenerators] Sovremennye tendentsii v turbogeneratorostroenii. Moskva, Gos. energ. izd-vo, 1961. 55 p. (Energetika za rubezhom)

TURBOMACHINES

Blocking turbine transformer with a stationary guiding apparatus. S A. Parshchik, P S. Zav'ialov Izv vys ucheb zav., energ. 4 no 7 100-106 Jl '61

Errors of the toothed gears of turbine reduction gears as sources of vibration excitation and noise in toothed-gear turbine units G. A Livshits Energomashinostroenie 7 no 6 29-34 Je '61

Turbine vibrator and vibration hammer. F. F. Voskresenskii. Transp stroi. 11 no. 7 28-30 Jl '61

TURBOMACHINES—AERODYNAMICS

Concerning the reflection of rarefication waves and compression jumps from a solid wall IU I Pogorelov, G. A Sokolovskii. Izv. vys. ucheb zav., energ 4 no. 7 91-99 Jl '61.

TURBOMACHINES—STANDARDS

Diesel turbocompressors. V V Vekshin. Standartizatsiia 25 no 6 18-19 Ag '61

TURBULENCE

Energy spectrum of a turbulent flow of incompressible fluid E A Novikov. Dokl. AN SSSR 139 no 2;331-334 Jl '61.

Experimental setup for studying the heat transfer and resistance in turbulent flow of water in a smooth tube O. G Novichkova, G A. Malatskii. Sbor. nauch trud Kuib. indus. inst no. 6 177-184 '59.

Gorbunov, G. M., ed. [Flame stabilization and the development of the combustion process in turbulent flow] Stabilizatsiia plameni i razvitie protsessa sgoraniia v turbulentnom potoke. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1961. 169 p.

Influence of surface roughness on the acceleration effect G. V. Filippov Sbor nauch trud Kuib. indus. inst. no 9·145-149 '59.

Turbulent movement in a non-condensable liquid. G. S. Bashkirov. Izv. vys. ucheb. zav. stroi. i arkhit. 4 no. 2;54-61 '61.

TURGAY GATES—RHINOCEROS, FOSSIL

Specific features of the skeleton of Allaeraops from the Myneske-Suyek site. M D. Birukov. Mat. po ist. fauny i flory Kazakh. 3;30-46 '61.

Swamp rhinoceros (Amynodontidae) from the middle Oligocene of the Turgay Gates. M. D. Birukov. Mat. po ist. fauny i flory Kazakh. 3·20-29 '61.

TURGAY REGION—MINERALS

Leningrad. Vsesoiuznyi geologicheskii institut. [Geology and minerals of the Urals and Turgay] Geologiia i poleznye iskopaemye Urala i Turgaia. Leningrad, 1960. 192 p. (Materialy, no. 30)

TURGAY TABLELAND—COAL GEOLOGY

Tarakanova, E. I. [Atlas of coal of the Turgay coal-bearing province] Atlas uglei Turgaiskoi uglenosnoi provintsii. Sverdlovsk, 1960. 153 p. (Akademiia nauk SSSR. Ural'skii filial, Sverdlovsk. Gorno-geologicheskii institut. Trudy, no. 53)

TURGENEV, IVAN SERGEEVICH, 1818-1883

Lev Tolstoi and Turgenev in "Sportsman's sketches" [with summary in English]. G A Bialyi Vest LGU 16 no. 14 55-63 '61.

TURINSK REGION—GAS, NATURAL—GEOLOGY

Some features of the history of the development of local uplifts in the Turinsk salient as a basis for estimating the prospects for finding oil and gas in them. M IA Rudkevich, B. A. Eliseev Trudy SNIIGGIMS no 9 5-23 '60.

TURINSK REGION—PETROLEUM GEOLOGY

Some features of the history of the development of local uplifts in the Turinsk salient as a basis for estimating the prospects for finding oil and gas in them M IA. Rudkevich, B A. Eliseev. Trudy SNIIGGIMS no. 9 5-23 '60.

TURKESTAN—MAY DAY (LABOR HOLIDAY)

First Soviet May Day in Turkestan. A. M. Matveev. Obshchestv nauki v Uz. no. 5;42-44 '61.

TURKESTAN—REVOLUTION, 1917-1921—FOOD QUESTION

From the history of the food problem in Turkestan during the years of the civil war, introducing a classration. A. R. Rakhimov. Obshchestv. nauki v Uz. no. 5;9-15 '61.

TURKEY—FOREIGN RELATIONS—UNITED STATES

Shpil'kova, V. I. [Imperialist policy of the U. S. A. toward Turkey, from 1914 to 1920; a textbook] Imperialisticheskaia politika SShA v otnoshenii Turtsii, 1914-1920 gg., uchebnoe posobie. Pod red. A. I. Moloka. Moskva, Mosk. gos. pedagog. in-t im. V. I. Lenina, 1960. 152 p.

Shpil'kova, V. I. [Imperialist policy of the U. S. A. toward Turkey, from 1914 to 1920] Imperialisticheskaia politika SShA v otnoshenii Turtsii; 1914 - 1920 gg. Moskva, 1960. 152 p. (Moscow. Moskovskii gosudarstvennyi pedagogicheskii institut. Uchenye zapiski, vol. 167)

TURKEY—HISTORY

Huseyin, d. 1641. [Beda'i ul-veka'i (Remarkable events)] Beda'i' ul-veka'i' (Udivitel'nye sobytiia). Izd. teksta, vvedenie i obshchaia red. A. S. Tveritinovoi, annotirovannoe oglavlenie i ukazateli IU. A. Petrosiana. Moskva, Izd-vo vostochnoi lit-ry. (Pamiatniki literatury narodov Vostoka. Teksty. Bol'shaia seriia, no. 14)
Pt. 1. 1961. 74, 309 pp.
Pt. 2. 1961. 40-115 pp.

TURKEY—POLITICS AND GOVERNMENT

Political parties in Turkey. Mezhdunar. zhizn' 8 no. 9: 151-153 S '61

Turkey today. Altinay Algun. V zashch. mira no. 8·20-27 Ag '60.

TURKMEN LANGUAGE—ETYMOLOGY

Etymology of the word "Uzboy" [in Turkmen with summary in Russian] A Annamurov Izv AN Turk SSR Ser obshchestv nauk no 1 73-76 '61

TURKMEN LANGUAGE—SYNONYMS

Sources of synonym origin in the Turkmen language. V. Meskutov. Izv AN Turk. SSR Ser obshchestv nauk no 1 45-51 '61

TURKMEN LANGUAGE—TENSE

Past-present tense "na-mysh" in the 18th - 19th century Turkmen literary monuments L. Kadzharova Izv AN Turk. SSR Ser. obshchestv nauk no 1 52-56 '61

TURKMEN TALES see Tales, Turkmen

TURKMENISTAN—ACARINA

Field and house sparrows as carriers of ticks and mites in Turkmenistan Report No 2 [with summary in English] L. L Semashko Zool zhur. 10 no 7;1070-1078 Jl '61

TURKMENISTAN—AGRICULTURE

History of the agriculture of the Akhala Turkmen. K. Nurmukhamedov. Vest. Mosk. un. Ser. 9. Ist. 16 no. 4.70-79 Jl-Ag '61.

TURKMENISTAN—AGRICULTURE—BIBLIOGRAPHY

Defense of dissertations A. A. Alova. Izv. AN Turk. SSR. Ser biol nauk no 2 87 '61.

TURKMENISTAN—CATS

Distribution and ecology of Felis margarita in eastern Turkmenistan [with summary in English] IU. F Sapozhenkov Zool. zhur 40 no. 7, 1086-1089 Jl '61

TURKMENISTAN—COLLECTIVE FARMS—INCOME DISTRIBUTION

Developing the principle of material self-interest in agriculture I G Ivanchenko Izv. AN Turk SSR Ser. obshchestv nauk no 1 3-12 '61

TURKMENISTAN—COMMUNIST PARTY OF THE SOVIET UNION—CONGRESSES

Kommunisticheskaia partiia Turkmenistana, 16. s"ezd. Ashkhabad, 1960. [Materials of the 16th Congress of the Communist Party of Turkmenistan] Materialy. Ashkhabad, Turkmengosizdat, 1960. 102 p.
(MII)

TURKMENISTAN—COTTON WASTE

Characteristics of the raw material supply of the new citric acid industry in Turkmenistan V. I. Kriventsov Izv AN Turk. SSR Ser fiz -tekh., khim. i geol. nauk no 3:40-47 '61

TURKMENISTAN—COURTS

Durdyev, B. [Establishment and development of the Soviet judicial system in Turkmenistan] Sozdanie i razvitie sovetskogo suda v Turkmenistane. Ashkhabad, Turkmenskoe gos. izd-vo 1960. 118 p.

Turkmen S. S. R. Laws, statutes, etc. [Law on the judicial system of the Turkmen S. S. R.] Zakon o sudoustroistve Turkmenskoi SSR. Ashgabad, 1960. 44 p. [Parallel texts in Turkmen and Russian.]

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TURKMENISTAN—MUD VOLCANOES

Chemical characteristics of the waters of mud volcanoes in the south of the West Turkmen Depression V V. Kolodii Izv AN Turk SSR Ser fiz.-tekh , khim i geol nauk no 3 86-91 '61

TURKMENISTAN—PISTACHIO

Association of the pistachio with different geological classes of rocks in Turkmenistan. E. A Kliushkin Izv AN Turk.SSR Ser biol nauk no 2 62-66 '61

TURKMENISTAN—SEDIMENTS (GEOLOGY)

Types of oxidation-reduction media in Cretaceous and Tertiary deposits of Turkmenia. P, S. Slavin. Izv. AN SSSR. Ser. geol. 26 no. 7.88-100 Jl '61.

TURKMENISTAN—SOCIAL SCIENCE RESEARCH

Annual general meeting of the Social Sciences Department of the Academy of Sciences of the Turkmen S S R. N Kuliev Izv AN Turk SSR Ser obshchestv nauk no 1 82-83 '61

TURKMENISTAN—SOCIALIST COMPETITION

Stimulating the political and industrial activity of the Turkmenistan working class during the years of the second and the third five-year plans D M Redzhebov Izv AN Turk SSR Ser obshchestv nauk no 1 13-21 '61

TURKMENISTAN—SOIL MOISTURE

Effect of soil moisture and irrigation on the development of Azotobacter in irrigated farm lands of southern Turkmenistan IU O. Darznieĭ Izv AN Turk. SSR Ser biol nauk no. 2:36-45 '61

TURKMENISTAN—SPRING

Climatic characteristics of March and April in Turkmenistan N IA. Miagkov Izv. AN Turk SSR Ser. biol nauk no 2 89-96 '61

TURKMENISTAN—WOMEN

Turkmen S. S. R. Statisticheskoe upravlenie. [Women in the Turkmen S. S. R., a brief statistical handbook] Zhenshchina v Turkmenskoĭ SSR; kratkii statisticheskii spravochnik. Ashkhabad, Gosstatizdat, 1960. 83 p.

TURKMENISTAN—WOODY PLANTS

Flood resistant arboraceous species in Turkmenistan. G. S. Novikov Izv AN Turk SSR, Ser. biol nauk no. 2:85 '61

TURKS—HISTORY

Ginzburg, V. V. [Craniological data from northern Kazakhstan and the problem of the origin of the ancient Turkish nomads] Kraĭnologicheskie materialy iz severnogo Kazakhstana i vopros o proiskhozhdenii rannikh tiurkskikh kochevnikov. Moskva, 1960. 17 p. (CLU)

TURNING

Piatetskiĭ, B. G. [Manual for lathe operators in repair shops] Spravochnik tokaria remontnoĭ masterskoĭ. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1961. 218 p.

TUROSZOW, POLAND—COAL MINES AND MINING

Coal mining and electric power plant in Turoszow Jan Mitrenga. Nauka i zhyttia 11 no 5 44-45 My '61

TUROSZOW, POLAND—ELECTRIC POWER PLANTS

Coal mining and electric power plant in Turoszow. Jan Mitrenga. Nauka i zhyttia 11 no. 5 44-45 My '61

TUROV DISTRICT—TRACTORS

At high speeds. L. Rai Belarus' 18 no. 8 8 Ag '61

\. M. Maksi-
71

Dubin, Z. IU. [Manual of turpentine and rosin production] Posobie po smolo-skipidarnomu proizvodstvu. Moskva, Goslesbumizdat, 1961. 61 p.

TUVA AUTONOMOUS PROVINCE—BIRDS

Bird fauna of the Tuva Autonomous Province. A. A. Spasskiĭ, M. D. Sonin. Ornitologiia no. 2:184-187 '59.

TUVA AUTONOMOUS PROVINCE—COAL GEOLOGY

Genesis and genetic classification of middle Jurassic coal in the Tuva intermontane downwarping. P. P. Timofeev. Dokl. AN SSSR 139 no. 4.959-962 Ag '61.

TUVA AUTONOMOUS PROVINCE—METAMORPHISM (GEOLOGY)

Alternations in enclosing rocks resulting from hydrothermal processes in the Kyzyk-Chard deposit (eastern Tuva) N. I. Rafienko. Zap Vost. -Sib otd. Vses. min. ob-va no. 1:38-49 '59

TUVA AUTONOMOUS PROVINCE—ORE DEPOSITS

Certain structural characteristics and localization conditions of ores in the Kyzyl-Chadr deposit (eastern Tuva). N. I. Rafienko Trudy Vost. -Sib. fil. AN SSSR no. 18; 234-244 '61.

TUVA AUTONOMOUS PROVINCE—SCARABAEIDAE

Biology and ecology of Rhombonyx holosericea F. in Tuva [with summary in English] G I Galkin Zool zhur 40 no 7:1039-1045 Jl '61

TUZLOV VALLEY—WATER, UNDERGROUND

Level and salt concentration dynamics of ground water in the leveed and unleveed sections of the Tuzlov River flood plain M V. Gorokhova Sbor trud IUzhNIIGiM no 6:51-64 '58

TWAIN, MARK, pseud. see Clemens, Samuel Langhorne, 1835-1910

TWILIGHT

Computing the intensity distribution and polarization degree of the twilight sky taking into consideration the sphericity of the earth F. F IUdalevich Izv AN SSSR Ser. geofiz no 8.1199-1208 Ag '61.

2, 4-D

Surface improvement of meadows by the use of the herbicide 2, 4-D and mineral fertilizers. N. A. Burtys. Biul. inst. biol. AN BSSR no. 5 42-48 '60.

Using 2, 4-D in the care of forest plantations. M. E. Vasil'ev Les. khoz. 14 no 7 70 Jl '61

TWO BODIES, PROBLEM OF see Problem of two bodies

TYAZHIN DISTRICT—RURAL LIBRARIES

Every family in the district reads. S Semenkin. Bibliotekar' no 8 13-16 Ag '61.

TYPHOID FEVER

Typhoid fever. S. I. Rainer. Med sestra 20 no. 6.8-14 Je '61.

TYPHUS FEVER

Typhus fever, clinical aspects, diagnosis, and treatment. K. M. Loban Med sestra 20 no 6 14-19 Je '61.

TYUMEN' PROVINCE—COOPERATIVE SOCIETIES

Unsolved problems. I. Isiomin. Sov. potreb. koop. 5 no. 6 64 Je '61

TYUMEN' PROVINCE—DRUGSTORES

Improve the work in managing drug distribution centers. E. E. Orlova. Apt. delo 10 no. 3:63-65 My-Je '61.

TYUMEROVO—HEALTH EDUCATION

Health school N. A. Albutov. Fel'd. i akush. 26 no. 7 50-53 Jl '61.

U-2 INCIDENT, 1960

Gratitude of a veteran. M. Pis'mennyi. Starsh. -serzh. no 2 9 F '61

UDDER

Structure and functions of the sections variously shaped udders I I. Cherkashchenko. Biul. nauch. -tekh. inform VIZH no 1:7-9 '58.

UDMURT A, S, S, R,'—SCHOOL GARDENS

Organizing students' work on a school experimental plot. A. I. Ivanova. Biol. v shkole no. 3:46-47 My-Je '61

UDMURT A. S. S. R. —TEACHING—CONGRESSES

At the methodological conference of the teachers of Udmurtia L. P. Khokhrinkova. Nach. shkola 20 no. 7: 94-95 Jl '61.

UGLICH—DESCRIPTION

Kovalev, I. A., and I. B. Purishev. [A guide to the historical sites and architectural monuments of Uglich] Uglich, putevoditel' po istoricheskim mestam i arkhitekturnym pamiatnikam. [Arosiavl'] IAroslavskoe knizhnoe izd-vo, 1960. 201 p.

UKHTA DISTRICT—PETROLEUM WORKERS—EDUCATION AND TRAINING

Technical university. Neftianik 6 no. 7-20 Jl '61.

UKRAINE—AESTHETICS—STUDY AND TEACHING

Discussions on aesthetic education. P. Grudina. Doshk. vykh 22 no. 7:45-46 Jl '61.

UKRAINE—AFFORESTATION

Organization and management of afforestation with fast-growing species in river floodlands of the Ukrainian steppe M. V. Romashov. Visnyk sil'hosp nauky 4 no. 8-58-65 Ag '61.

UKRAINE—AGRICULTURAL RESEARCH

Make way for the research in schools! Rad. shk. 40 no. 5 36-38 My '61.

UKRAINE—AGRICULTURE

The Communist Party of the Ukraine at the forefront of the struggle for the reconstruction of agriculture and the development of the political activity of peasants, from 1923 to 1925. P. P. Bachyns'kyi, O. A. Borodin. Zbir. nauk prats' vykl. i asp. Kaf. ist. KPRS Kyiv. un. no. 3:145-181 '58.

How the party organizations of the Ukraine tried to introduce into agriculture the achievements of science and progressive experience, from September 1953 to 1955. I. P. Kozhukalo. Zbir. nauk. prats' vykl. i asp. Kaf. ist, KPRS Kyiv, un. no. 3:269-284 '58.

Slyn'ko, I. I. [Socialist reorganization and technical modernization of Ukrainian agriculture in 1927-1932] Sotsialistychna perebudova i tekhnichna rekonstruktsiia sel's'koho hospodarstva Ukrainy, 1927-1932 rr. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 324 p.

UKRAINE—AGRICULTURE—STUDY AND TEACHING

Extensive program prompted by life. I. P Oksentich, S F Pokropyvnyi. Rad shk. 40 no. 5 31-35 My '61

Forms and methods of vocational education with an agricultural program. B I. Agafonov, I T. Balinskyĭ Rad shk. 40 no. 5.27-30 My '61

Training of collective-farm personnel in schools for rural youth O D Gospodarchuk Rad shk 40 no 5 49-53 S '61

UKRAINE—AGRICULTURE, COOPERATIVE

How the Communist Party of the Ukraine struggle for the socialist reconstruction of agriculture from 1919 to 1921. V. V. Chyhyrys Zbir nauk prats' vykl. i asp. Kaf. ist KPRS kyiv un no 3 109-125 '58.

UKRAINE—ALLIED INTERVENTION, 1918-1920

How the Communist Party of the Ukraine mobilized the resources and means of Ukrainian toilers against the third offensive of the Entente N IU Kostyrsia. Zbir nauk prats' vykl i asp Kaf ist, KPRS kyiv un. no, 3:79-108 '58

UKRAINE—ANIMAL INTRODUCTION

New inhabitants of our forests. M Safronov. Ukraina no. 15:31 Ag '61

UKRAINE—ARCHAEOLOGY—PERIODICALS

"Arkheologiia." Nos 10-11 Reviewed by I D Ioniak Mat z arkheol Pivn Prychor. no 3 263-267 '60

UKRAINE—ARCHITECTURE

Akademiia budivnytstva i arkhitektury URSR. [The Ukraine; architecture of cities and villages] Ukraina, arkhitektura mist i sil. Kyiv, Derzh. vyd-vo lit-ry z budivnytstva i arkhitektury URSR, 1959. 341 p. chiefly illus. (NN)

UKRAINE—BARNS

Stock buildings made of precast reinforced-concrete arched elements V. Zakharchenko. Sil' bud 11 no. 7.9-10 Jl '61.

UKRAINE—BIBLIOGRAPHY

[New books of the Ukrainian S. S. R.] Novi knyhy URSR nos. 9-14 Ap-Jl '61.

UKRAINE—BIRDS—HABITS AND BEHAVIOR

Thrifty birds. V. Parkhomenko. Doshk vykh 22 no. 8-44 Ag '61

UKRAINE—BRICKMAKING

Introduction of fuel into the mixture accelerates drying and glazing of brick. P. Lpel'boim Sil' bud 11 no. 7:14-16 Jl '61

UKRAINE—CANALS

Continuous earthwork operations in the construction of canals. G. B. Rocharnikov, A A Zhukov Mekh stroi 18 no. 7-11-13 Jl '61.

UKRAINE—CHILDREN—NUTRITION

Diet for children from three to seven years of age. S. Gil' Doshk. vykh. 22 no 7 18-21 Jl '61.

UKRAINE—COAL MINES AND MINING

Scientific Technical Conference on the introduction of new equipment and technology in the mines of the Ukrainian S. S. R. Ugol' Ukr no 6 47 Je '61.

UKRAINE—COLLECTIVE FARMS

How Ukrainian workers struggled for the complete collectivization of agriculture. M. A. Konovalov. Zbir. st. vykl. ist. KPRS vuz. Ukr. RSR 1 117-135 '58.

UKRAINE—COLLECTIVE FARMS—INTERFARM COOPERATION

Economic efficiency of intercollective-farm production cooperatives G. Akhmeev Vop ekon. no 8:151-155 Ag '61.

UKRAINE—COMMUNISM

IUrchenko, O. T. [Lenin and the Bolshevik organizations of the Ukraine, 1905-1907] Lenin i bil'shovyts'ki organizatsii Ukrainy v 1905-1907 rr. Kyiv, Derzhpolitvydav URSR, 1960. 98 p. (MH)

UKRAINE—COMMUNIST PARTY OF THE SOVIET UNION

Organizational and political strengthening of the Communist Party (Bolshevik) of the Ukraine based on the decisions of the Eighth Congress of the Russian Communist Party (Bolshevik). V P. Khyzhniak. Zbir nauk. prats' vykl. i asp. Kaf. ist. KPRS Kyiv un. no 3:53-73 '58.

UKRAINE—COMMUNIST PARTY OF THE SOVIET UNION—MEMBERSHIP

Admission into the Communist Party of the Ukraine in the year of V. I. Lenin's death V. P. Horshkov. Zbir. st. vykl. ist, KPRS vuz. Ukr. RSR 1:27-43 '58

How we regulated the growth of the Communist Party of the Ukraine during the transition to the socialist reconstruction of the national economy. A V. Kornilchuk. Zbir, st. vykl. ist. KPRS vuz. Ukr. RSR 1:82-85 '58

UKRAINE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Examples that are worth following plenum of the Association Nauka i zhyttia 11 no 5 56 My '61

Let's expand preparations for party congresses L. I Kukharenko Nauka i zhyttia 11 no 5 51-56 My '61

[Party work in industry; from the work experience of party organizations in the Ukraine] Partiina robota v promyslovosti, z dosvidu roboty partiinykh organizatsii Ukrainy. Kyiv, Derzh. vyd-vo polit. lit-ry, 1959. 411 p.
(NNC)

UKRAINE—COMMUNIST YOUTH LEAGUE

Haiduchok, H. A., and L. I. TSybin. [Toward new triumphs, 1953-1960] Do novykh peremoh, 1953-1960 rr. Kyiv, Molod' 1960. 117 p. (Narysy z istorii leninsk'koho komsomolu Ukrainy)
(MH)

Iezhova, R., and R. Kol'iak. [Hardened youth, 1917-1920] [Hartovana iunist', 1917-1920 rr. Kyiv, Molod', 1960. 136 p. (Narysy z istorii lenins'koho komsomolu Ukrainy)
(MH)

Mykhailiuk, V., and I. Fedorov. [Shock troops of the socialist offensive, 1926-1932] Udarna bryhada sotsialistychnoho nastupu, 1926-1932 rr. Kyiv, Molod', 1960. 157 p. (Narysy z istorii lenins'koho komsomolu Ukrainy)
(MH)

Shostak, P. [In the front ranks, 1933-1937] U pershykh riadkakh, 1933-1937 rr. Kyiv, Molod', 1960. 83 p. (Narysy z istorii lenins'koho komsomolu Ukrainy)
(MH)

Tron'ko, P. T. [In the battle for the motherland, 1941-1945] V bolakh za vitchyznu, 1941-1945 rr. Kyiv, Molod', 1960. 147 p. (Narysy z istorii lenins'koho komsomolu Ukrainy)
(MH)

UKRAINE—CONIFERAE

Kondratiuk, IE. M. [Wild conifers of the Ukraine] Dykorosnuchi khvoini Ukrainy. Kyiv, Vyd-vo Akad. nauk URSR, 1960. 118 p.

UKRAINE—CONSTRUCTION INDUSTRY

In the Office of State Construction of the Ukranian S. S. R. Biul. stroi tekh. 18 no. 6:27-28 Je '61.

In the villages and collective farms of the Ukraine. Sil'. bud 11 no. 6:23 Je '61.

Steadfastly fulfill the yearly construction plan Sil'. bud 11 no 7 1-2 Jl '61.

Urgent take of rural builders Sil'. bud. 11 no. 7:22-23 Jl '61

The village needs architects and construction workers Stroi. i arkhit 9 no. 6:37 Je '61

UKRAINE—CORN (MAIZE)—STORAGE

Their sponsors built them a corn crib. P. Samoilov. Sil'. bud. 11 no. 7 8 Jl '61

UKRAINE—CORRESPONDENCE SCHOOLS AND COURSES

Let's increase assistance to the educational personnel of the evening (staggered) and correspondence schools. V. I. Chepelev. Rad. shk. 10 no 5 14-20 My '61

Republic-wide conference on pedagogical education by correspondence I F. Stroi Rad shk 40 no 8 95-96, 3 of cover S '61

UKRAINE—DAIRY BARNS

Cow barn for farms on hillsides. B. Bondar, R. Biloshevs'ka Sil'. bud. 11 no. 6:10-12 Je '61

UKRAINE—DESCRIPTION AND TRAVEL

Jonov, A. V. [On the road to Moscow; travel sketches] Po dorogu na Moskvu; putevye ocherki. Stalino, Knizhnoe izd-vo, 1960. 123 p.
(MH)

UKRAINE—EDUCATION

First year of carrying out general compulsory eight-year education Rad shk. 40 no 8:10-17 S '61

UKRAINE—EDUCATION—CONGRESSES

Seminar on pedagogic propaganda. V. K. Doshk. vykh. 22 no. 7, 44-45 Jl '61.

UKRAINE—EDUCATION—CURRICULA

New educational plans and programs. O. G. Syvets'. Rad shk. 40 no 8:18-23 S '61.

UKRAINE—EDUCATION, COOPERATIVE

Improving production instruction for students of secondary general schools. Rad shk. 40 no 8-6-9 S '61

Some didactic problems of work training. M. I. Rozenberg. Sov pedag. 25 no. 7:54-64 Jl '61.

UKRAINE—EDUCATION, ELEMENTARY

In the Ministry of Education of the Ukrainian S. S. R. Rad. shk. 40 no. 5:93 My '61.

Teachers' work with parents concerning extracurricular reading of first-grade students. A. T. Dudchenko. Ukr. mova v shkoli 11 no. 3:49-53 My-Je '61.

UKRAINE—EDUCATION, PRESCHOOL

Editor's mail. Doshk. vykh. 22 no 8-45-46 Ag '61.

For successful fulfillment of plans for further development of public preschool education O Marusheva's'ka Doshk vykh 22 no 8 6-10 Ag '61

Let's give a worthy welcome to the 22d Congress of the CPSU Doshk vykh 22 no 8 1-5 Ag '61

Work and live in the communist way. Doshk. vykh 22 no 7 1-3 Jl '61

UKRAINE—ELECTRICITY IN AGRICULTURE

Leading role of the Ukrainian party organization in the mobilization of collective farmers for the carrying out of rural electrification during the fourth five-year plan I. I Onyshchenko. Zbir st vykl ist KPRS vuz Ukr RSR 1:154-175 '58.

UKRAINE—EMPLOYEES, TRAINING OF

How the party organizations of the Ukraine organized the education of future specialists of socialist industry the first years of industrialization, 1926-1927. O F. IAkhno Zbir nauk prats' vykl i asp. kaf. ist. KPRS Kyiv un no 3:207-221 '58.

UKRAINE—EVENING AND CONTINUATION SCHOOLS

Let's increase assistance to the educational personnel of the evening (staggered) and correspondence schools. V I Chepelev. Rad shk 40 no 5,14-20 My '61.

UKRAINE—FARM BUILDINGS

Increase the role of the district civil engineer. O Tolchins'kii. Sil'. bud. 11 no 7, 21-22 Jl '61.

UKRAINE—FARM MANAGEMENT

On optimum farm sizes. I. Shapiro. Vop. ekon. no. 8: 147-151 Ag '61.

UKRAINE—FIELD CROPS

Agroclimatic basis for the distribution of stubble crop cultivation in the Ukraine O. M. Kokukh, S O. Sapozhnikova Visnyk sil'hosp. nauky 4 no 8 29-36 Ag '61

UKRAINE—GEOGRAPHY

Dibrova, O. T. [Geography of the Ukrainian S. S. R.; textbook for the eighth grade of the eight-year school] Geografiia Ukrains'koi RSR; pidruchnyk dlia 8 klasu vos'myrichnoi shkoly. Kyiv, Derzh. uchbovo-pedagog. vyd-vo "Radians'ka shkola," 1961. 169 p. map.

UKRAINE—GEOGRAPHY—STUDY AND TEACHING

New textbook on the geography of the Ukrainian S S R ("Geography of the Ukrainian S S R., textbook for the eighth grade of eight-year schools" by O T Dibrova Reviewed by E. I. Kapelyns'ka and others) Rad. shk 40 no 8 88-90 S '61.

UKRAINE—GEOLOGY, STRATIGRAPHIC

Excursion to Paleogene deposits in the Ukraine. V. O. Zelins'ka. Geol. zhur. 21 no. 3 115-116 '61.

UKRAINE—GLASS FIBERS

In the Ukraine branch of the Fiber Glass Institute. V. B. Bur'ian. Stek. i ker. 18 no. 6-41-42 Je '61.

UKRAINE—GRAVEL

Over-all processing of gravel mixtures. I. G. Lyzhenko, V. I Borisevich, A M. Vatcina. Avt dor 24 no 6,19 Je '61

UKRAINE—HEALTH RESORTS, WATERING PLACES, ETC

Health resort and therapeutic areas in the Ukrainian S. S. R V. Gorodskoi, O. Trikash. Stroi i arkhit. 9 no. 6 14-17 Je '61

UKRAINE—HISTORICAL MUSEUMS

"From the experience of Ukrainian museums" Reviewed by O. A. Ashrafian. Mat. z arkheol Pivn. Prychor no. 3-270-273 '60.

UKRAINE—HISTORY

Budzynovs'kyi, Viacheslav. [Our forefathers faced hardship; introduction to the history of the Ukraine] Ishly didy na muky; vvedennia v istoriiu Ukrainy. vyd 2. New York, Hoverlia, 1958. 82 p. (Studiino-naukovi materialy, ch. 3, vyp. 109)
(IU)

"Early history of the laboring class in the Ukraine; from the late 18th to the early 19th century" by I. O. Hurzhii. Reviewed by O. I. Podlutskii. Vop. ist no. 7:153-155 Jl '61.

How the party organizations of the southern Ukraine tried to strengthen the unity of Ukrainian workers in the beginning of the period of reconstruction. I D. Remezovs'kyi. Zbir. nauk. prats' vykl. i asp. Kaf. ist. KPRS Kyiv. un. no. 3:127-143 '58.

Kholms'kyi, Ivan. [History of the Ukraine] Istoriia Ukrainy. Munich, Nakl. Naukovoho tovarystva im. Shevchenka, 1949. 360 p. fold. maps (in pocket) (Bibliioteka ukrainoznavstva, no. 2)
(IU)

Ohloblyn, Olexander. [Hetman Ivan Mazepa and his era] Het'man Ivan Mazepa ta joho doba. New York, Vyd-vo OOChSU-LVU, 1960. 406 p.
(CaOOU)

TSypko, K. H. [The Great October Socialist Revolution and the struggle of the Bukovina workers for the power of the Soviets and reunification with the Soviet Ukraine] Velyka Zhovtneva sotsialistychna revoliutsiia i borot'ba trudiashchikh Bukoviny za vladu rad ta vozz'iednannia z Radians'koiu Ukrainoiu. Chernivtsi, 1958. 220 p.
(NNC)

"Why I liked A. I. Baranovich's article?" J. U. Pavlik Ist SSSR 5 no 1:237 Jl-Ag '61

UKRAINE—HISTORY—FICTION

Lypa, Iu. H. [Cossacks in Moscow; a novel on the 17th century] Kozaky v Moskovii; roman iz XVII stolettia. Paris, Nakladom vyd va "Ukrainets'," 1957. 206 p. (Biblioteka vybranykh tvoriv, no. 1)
(NN)

UKRAINE—HOME AND SCHOOL

Teachers' work with parents concerning extracurricular reading of first-grade students A. T. Dudchenko Ukr mova v shkoli 11 no. 3:49-53 My-Je '61

UKRAINE—ILLUMINATION OF BOOKS AND MANUSCRIPTS

Zapasko, IA. P. [Decorative design of Ukrainian books written by hand] Ornamental'ne oformlennia ukrains'koi rukopysnoi knyhy. Kyiv, Vyd-vo Akad. nauk URSR, 1960. 180 p.

UKRAINE—INDUSTRIES

Efforts of the Communist Party of the Ukraine to carry out the Leninist plan of socialist industrialization. I. A Zozulia Zbir nauk. prats' vykl i asp Kaf ist. KPRS kyiv. un. no 3:103-205 '58

How the Communist Party organized the fraternal help of Soviet peoples in the restoration of Ukrainian industry during the Great Patriotic War, from 1943 to 1945. M O Buts'ko. Zbir nauk prats' vykl i asp Kaf ist. KPRS Kyiv un. no. 3,223-250 '58.

Industrial Ukraine V. F. Garbuzov. Nauka i zhyttia 11 no 6 2-3, 30-33, 63 Je '61

[Party work in industry; from the work experience of party organizations in the Ukraine] Partiina robota v promyslovosti; z dosvidu roboty partiinykh organizatsii Ukrainy. Kyiv, Derzh. vyd-vo polit. lit-ry, 1959. 411 p.
(NNC)

UKRAINE—INTELLECTUAL LIFE

Burlak, D. S. [Service to the people; literary criticism] Sluzhinnia narodovi; literaturno-krytychni statti. Vyd-vo dop. i perer. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1960. 515 p.

UKRAINE—IRRIGATION

Irrigation in the Ukraine. E. E. Alekseevs'kyi Nauka i zhyttia 11 no. 5, 33-36 My '61.

UKRAINE—KINDERGARTEN

Children's creative play in a kindergarten E Papkovs'ka. Doshk vykh 22 no. 7-22-27 Jl '61.

Memorable evening TS. Shteingardt, N. Zubernyk, D. Matsui. Doshk. vykh 22 no 8 47 Ag '61

UKRAINE—LABOR AND LABORING CLASSES

"Early history of the laboring class in the Ukraine; from the late 18th to the early 19th century" by I O. Hurzhii Reviewed by O. I. Podlutskii Vop. ist. no 7,153-155 Jl '61.

UKRAINE—LANGUAGES—STUDY AND TEACHING

Improving the teaching of foreign languages. Rad. shk 40 no 8 3-6 S '61

UKRAINE—MACHINE ACCOUNTING

For a wider mechanization of computing work in financial organs. E. Sakharov. Fin. SSSR 22 no. 3-44-47 Mr '61.

UKRAINE—MACHINE-TRACTOR STATIONS

How Ukrainian party organizations tried to improve the work of machine-tractor stations, from 1953 to 1955. V. I. Kos. Zbir. st. vykl. ist. KPRS vuz Ukr. RSR 1:189-212 '59.

UKRAINE—MEAT INDUSTRY—TECHNOLOGICAL INNOVATIONS

Striving for technical progress. L. Ryzhenko. Mias. ind. SSSR 32 no. 1 18-21 '61.

UKRAINE—MINERALOGY

Specific features of mineral formation in the erosion surface of basic and ultrabasic rocks of the Ukrainian crystalline massif. E. G. Kukovskii. Dokl. AN SSSR 139 no. 1:173-176 Jl '61.

UKRAINE—MINES AND MINERAL RESOURCES

[Mineral resources of the Ukraine] Korysni kopalyny Ukrainy. Kyiv, Derzh. vyd-vo tekhn. lit-ry URSR, 1960. 237 p.
(NN)

UKRAINE—NATURAL HISTORY

[In Ukrainian preserves] Po zapovidnykh mistsiakh Ukrainy. Kyiv, Vyd-vo TsK LKSMU "Molod'," 1960. 207 p.

UKRAINE—PIONEERS (COMMUNIST YOUTH)

Ideological and political training of Pioneers A IA Rozenberg Rad shk 40 no 5 59-61 My '61

UKRAINE—PROSPECTING

Geological prospecting in the Ukraine, results of 1960 and basic trends of 1961 V S Popov Geol zhur. 21 no 3 3-30 '61.

UKRAINE—PUBLIC HEALTH, RURAL

Organizational forms for improving the quality and development of work at feldsher-midwife centers and collective farm maternity homes in the Ukrainian S S R T L Neubokoeva Fel'd i akush 26 no 7 37-43 Jl '61

UKRAINE—RELATIONS (GENERAL) WITH GHANA

Our guests from Africa Ukraina no 15-2 Ag '61

UKRAINE—REVOLUTION, 1917-1921

Establishment of party and political organizations and the development of political work in the armies of the Ukrainian Front, December 1918-January 1919 O I Shchus' Zbir nauk prats' vykl. i asp kaf ist KPRS Kyiv un. no 3,43-57 '58

The First Congress of the Communist Party (Bolshevik) of the Ukraine, a significant event in the history of Ukrainian Bolshevik organizations IE I Nedrii Zbir nauk prats' vykl i asp kaf ist KPRS Kyiv un. no 3; 3-22 '58

How the Communist Party of the Ukraine struggled for the socialist reconstruction of agriculture from 1919 to 1921 V V Chyhyryk Zbir nauk prats' vykl i asp. Kaf ist KPRS Kyiv. un no. 3,109-125 '58

Kondufor, IU. IU. [The Kharkov Bolshevist group "Vpered, "] Khar'kovskaia bol'shevistskaia gruppa "Vpered, " Khar'kov, Izd-vo Khar'kovskogo gos. univ im. A. M. Gor'kogo, 1954. 49 p.
(CU)

Organizational and political strengthening of the Communist Party (Bolshevik of the Ukraine based on the decisions of the Eighth Congress of the Russian Communist Party (Bolshevik) V P Khyzhniak Zbir nauk prats' vykl. i asp kaf ist KPRS Kyiv un no. 3-58-77 '58

UKRAINE—RUSSIAN SOCIAL DEMOCRATIC PARTY

How the Bolsheviks of the left-bank Ukraine tried to save and strengthen underground party organizations in the period between the fifth and sixth conferences of the Russian Social Democratic Party V. F Sokurenko Zbir nauk. prats' vykl. i asp kaf. ist KPRS Kyiv un. no 3 23-42 '58

UKRAINE—SCHOOL CHILDREN—FOOD

Feeding children in a kindergarten. M Kuznetsova Doshk vykh 22 no. 7;27-31 Jl '61.

UKRAINE—SEED PRODUCTION

Nasypaiko, V. M., and IU. T. Isayov. *[Varieties and seeds, seed production of grain, pulse, and oleaginous crops in the southern Ukraine]* Sort i semena, semenovodstvo zernovykh, zernobobovykh i maslichnykh kul'tur na iuge Ukrainy. Predisl. i obshchaia red. V. F. Kirichenko. [Odessa] Odesskoe knizhnoe *izd-vo, 1960.* 243 p.
(DA)

UKRAINE—STEEL, STRUCTURAL

Another discussion of the strength of St. 3 open-hearth carbon steel. M. M. Sakhnovskii. Prom. stroi. 39 no. 7; 22-25 '61.

UKRAINE—SUGAR MANUFACTURE

Evaluation of the production of individual separation shops V M Kats, T P Khvalkovskii, N IA Artemova Sakh prom 35 no 7 34-37 Jl '61

UKRAINE—TEACHERS

Outstanding kindergarten workers Doshk vykh. 22 no 7 8-9 Jl '61

They struggle for the high quality of work Doshk vykh 22 no 8 11-12 Ag '61

UKRAINE—TEACHERS, TRAINING OF

In the Ministry of Education of the Ukrainian S S R Rad. shk 40 no. 8 94-95 S '61

UKRAINE—TEACHING

Laboratory and practical work in grades 5-8 V O. Onyshchuk Rad shk 40 no 6.31-36 S '61

UKRAINE—TEXTILE INDUSTRY

Derev'lankin, T. I. [Ukrainian textile factories based on hand labor in the late 18th and the first half of the 19th century] Manufaktura na Ukraini v kintsi XVIII - pershii polovyni XIX st., tekstyl'ne vyrobnytstvo. Kyiv, Vyd-vo Akad. nauk URSR, 1960. 126 p.

UKRAINE—THEATER

Kiev. Gosudarstvennyi dramaticheskii teatr imeni I. Franko. [The Ivan Franko Ukrainian State Drama Theater in Kiev] *Kievskii gosudarstvennyi ordena* Lenina akademicheskii ukrainskii dramaticheskii teatr im. Ivana Franko. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1960. 1 v. illus. (Dekada ukrains'koi literatury ta mystetstva)

UKRAINE—VACATIONS, EMPLOYEE

Remark Doshk vykh 22 no 7-17 Jl '61.

UKRAINE—VOCATIONAL EDUCATION

Extensive program prompted by life. F F. Oksanich, S F. Pokropyvnyi Rad shk. 40 no. 5, 31-35 My '61

UKRAINE—WHEAT

How the time of planting affects the protein content of winter wheat in the Ukrainian steppe region V F Mel'nychenko Visnyk sil'hosp nauky i no 8 99-100 Ag '61

UKRAINE—WHOLESALE TRADE

Let's expand direct contacts with industry. A. Kolenko Sov torg 34 no 7 18-20 Jl '61

UKRAINE—WORLD WAR, 1939-1945

How the Communist Party organized the fraternal help of Soviet peoples in the restoration of Ukrainian industry during the Great Patriotic War, from 1944 to 1945 M O. Buts'ko Zbir nauk prats' vykl i asp kaf ist *KPRS Kyiv un no 3;223-250 '58*

UKRAINE, WESTERN—COLLECTIVE FARMS

Party organizations of Chernovtsy, Rovno, and Volyn' provinces in the struggle for the organizational and economic consolidation of collective farms, from 1953 to 1955 O S Shuliak Zbir st vykl ist KPRS vuz Ukr RSR 1,176-188 '58

The struggle of party organizations in the western provinces of the Ukrainian S S R for the collectivization of agriculture, from 1948 to 1950. I Kh Sas, Zbir st vykl ist KPRS vuz Ukr RSR 1;136-153 '58

UKRAINE, WESTERN—GEOLOGY, STRATIGRAPHIC

Jurassic of the southwestern Russian Platform and Carpathian piedmont fault. V IA Dobrynina. Trudy VNIGNI no 29 vol. 2 154-161 '61.

Jurassic stratigraphy of the southwestern border of the Russian Platform and the Carpathian piedmont fault. O M. Anastas'eva, O S. Vialov, IA. M Sandler. Trudy VNIGNI no 29 vol. 2 161-166 '61.

UKRAINIAN ACTORS see Actors, Ukrainian

UKRAINIAN AUTHORS see Authors, Ukrainian

UKRAINIAN DRAMA—HISTORY AND CRITICISM

Datsenko, B. IE. [The image of the Communist in Soviet Ukrainian dramaturgy and on the stage; lecture materials] Obraz komunista v ukrains'kii radians'kii dramaturgii i na stseni, materialy do lektsii. Kyiv, 1959. 27 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 14, no. 6)
(MH)

UKRAINIAN FOLKLORE see Folklore, Ukrainian

UKRAINIAN INTERLUDES see Interludes, Ukrainian

UKRAINIAN LANGUAGE

Defending the dissertations on the Ukrainian and Russian languages in the Ukraine in 1960. Ukr mova v shkoli 11 no 2 94-96 Mr-Ap '61

Ivchenko, M. P. [The modern Ukrainian literary language] Suchasna ukrains'ka literatura mova. [Kyiv] Vyd-vo Kyivs'koho univ., 1960. 590 p.
(MH)

UKRAINIAN LANGUAGE—ACCENTUATION

"Accent dictionary of the Ukrainian literary language" by M. I. Pogribnyi. Reviewed by M. A Zhovtobriukh Ukr. mova v shkoli 11 no. 3;67-70 My-Je '61

UKRAINIAN LANGUAGE—AUDIO-VISUAL AIDS

Homemade visual aids for languages. L. N. Leont'ev. Ukr. mova v shkoli 11 no. 3-41-45 My-Je '61.

Let's pay more attention to work with a cut out alphabet. M. A. IAsyns'ka. Ukr. mova v shkoli 11 no. 3,47-48 My-Je '61.

UKRAINIAN LANGUAGE—CHRESTOMATHIES AND READERS

Chavdarov, S. Kh. [The Ukrainian language; a textbook for the third grade of the elementary school] *Ukrains'ka* mova; pidruchnykh dlia tret'oho klasu pochatkovoi shkoly. Vyd. 19. Kyiv, "Radians'ka shkola," 1958 149 p.
(InU)

Myronov, M. M. [Literary reader for the 4th grade] Literaturna chytanka dlia 4 klasu. Vyd. 24. Kyiv, Vyd-vo "Radians'ka shkola," 1958. 318 p.
(InU)

UKRAINIAN LANGUAGE—COMPOSITION AND EXERCISES

Creative writing assignments. V. L. Omelianenko. Ukr. mova v shkoli 11 no. 3;45-47 My-Je '61.

Remarks on conducting written quizzes. I. O. Synytsia. Ukr. mova v shkoli 11 no. 4,44-46 Jl-Ag '61.

UKRAINIAN LANGUAGE—CONSONANTS

Dialectal variations of consonant phonems in the Ukrainian language F T. Zhilko. Ukr. mova v shkoli 11 no. 4,9-15 Jl-Ag '61.

UKRAINIAN LANGUAGE—DICTIONARIES—RUSSIAN

Levchenko, S. P., L. G. Skrypnykh, and N. P. Dziatkivs'ka comps. [Dictionary of personal names; Ukrainian-Russian and Russian-Ukrainian] Slovnyk vlasnykh imen liudei, ukrains'ko-rosiis'kyi i rosiis'ko-ukrains'kyi. Vyd. 2., vypravlenie i dop. Za red. S. P. Levchenka Kyiv, Vyd-vo Akad. nauk URSR, 1961. 73 p.

UKRAINIAN LANGUAGE—GRAMMAR

Interesting grammar material for extracurricular work A. D. Stukhe, A. IU Gurevych Ukr. mova v shk. 24 11 no 2 70-77 Mr-Ap '61

The language of T. G. Shevchenko's works in grammar lessons. L. I. Sobolev. Ukr. mova v shkoli 11 no 3 54-59 My-Je '61.

Sentences for grammatical analysis at the Ukrainian language examinations in the seventh grade of the eight-year and secondary schools P S Stritteiv Ukr mova v shkoli 11 no 2 13-19 Mr-Ap '61

UKRAINIAN LANGUAGE—NUMERALS

Derivatives of numerals and methods of their construction in the present-day Ukrainian language K M Mizira Ukr mova v shkoli 11 no 4;16-20 Jl-Ag '61

UKRAINIAN LANGUAGE—ORTHOGRAPHY

Interrelation between orthoepy and orthography in the present-day Ukrainian literary language. [illegible] ko. Ukr mova v shkoli 11 no. 3 31-36 My-Je '61

Lexical division of speech and orthography M. V. Maidans'kyi. Ukr mova v shkoli 11 no 3 11-14 My-Je '61.

UKRAINIAN LANGUAGE—PARTICIPLE

Concept of the participle P. D. Lebedynets'. Ukr mova v shkoli 11 no 2 56-58 Mr-Ap '61

UKRAINIAN LANGUAGE—PERIODICALS

Conference of the readers of our periodical in Yagotin. Ukr mova v shkoli 11 no 4;93-94 Jl-Ag '61

Readers conference of the "Ukrains'ka mova v shkol' periodical in Khmel'nitskii Province Ukr. mova v shkoli 11 no 3;87-90 My-Je '61

UKRAINIAN LANGUAGE—PHONETICS

Application of phonetic analysis. V. N. Zalisnychko. Ukr. mova v shkoli 11 no 1;65-68 Jl-Ag '61.

UKRAINIAN LANGUAGE—PHONOLOGY

Vahylevych, Kost'. [Ukrainian phonologic primer] Ukraina'kyi fonolohichnyi bukvar. Illustruvav Edvard Kozak. Nove zmitsnene vyd. [Detroit] Nakladom avtora, 1959. 64 p. illus.
(NN)

UKRAINIAN LANGUAGE—STUDY AND TEACHING
(see also subdivision under Crimea)

Editor's mail Ukr. mova v shkoli 11 no 2-70-01 Mr-Ap '61.

Editor's mail. Ukr. mova v shkoli 11 no. 4,75-80 Jl-Ag '61

Exercises on the development of the language and logical thinking during reading lessons in the third grade I. S. Barabokha Ukr mova v shkoli 11 no. 2 64-70 Mr-Ap '61.

Let's argue with the reviewer. F P. Medvedev Ukr mova v shkoli 11 no 2 86-89 Mr-Ap '61

Let's raise the teaching of language to the level of new school requirements Ukr mova v shkoli 11 no 4;3-5 Jl-Ag '61

New textbook for the schools of working and rural youth ("The Ukrainian language" by M V. Leonov, N T. [illegible] Reviewed by A V. Matborodo). Ukr mova v shkoli 11 no 2 82-85 Mr-Ap '61

Pedagogical lectures on the language. P. B Semko Ukr mova v shkoli 11 no. 4;68-74 Jl-Ag '61

Planning work for the first semester of the fifth grade in eight-year schools. O. T. Volnova. Ukr. mova v shkoli 11 no. 4;53-56 Jl-Ag '61

Questions and answers. Ukr. mova v shkoli 11 no. 3; 63-66 My-Je '61.

Teachers' council in the struggle for the improvement of literacy. P. B. Semko. Ukr. mova v shkoli 11 no. 3 3-10 My-Je '61.

Using elements of local lore in studying the Ukrainian language. S D. Babyshyn. Ukr mova v shkoli 11 no. 4;57-60 Jl-Ag '61.

Working on the basis of control words in grade 6 V P. Galkin. Ukr. mova v shkoli 11 no. 3;26-31 My-Je '61

UKRAINIAN LANGUAGE—STYLE

Linguistic characteristics of Ukrainian ballads O. O. Nazaruk Ukr mova v shkoli 11 no 4;34-43 Jl-Ag '61

Linguistic means of hyperbolization in Ukrainian ballads L. K Rak Ukr. mova v shkoli 11 no. 4;27-34 Jl-Ag '61.

UKRAINIAN LANGUAGE—SYNTAX

Independent assignments for the upperclassmen of schools for working youth V. A. Shevchenko. Ukr. mova v shkoli 11 no. 2-58-61 Mr-Ap '61.

UKRAINIAN LANGUAGE —TERMS AND PHRASES

Phraseology work during Ukrainian language lessons in secondary schools S M Kostel' Ukr mova v shkoli 11 no 4,47-53 Jl-Ag '61

UKRAINIAN LANGUAGE—TEXTBOOKS

Ideas concerning the new Ukrainian language textbook. G Z Gubenko Ukr mova v shkoli 11 no 4 81-83 Jl-Ag '61.

"The Ukrainian language" by V S. Vashchenko. Reviewed by O M Pankhomenko Ukr mova v shkoli 11 no. 4 83-86 Jl-Ag '61

Use of a textbook during Ukrainian language classes. V.T.Gorbachuk Ukr. mova v shkoli 11 no.3-37-40 My-Je '61.

UKRAINIAN LANGUAGE—TEXTBOOKS FOR FOREIGNERS

Temchenko, I. V. [The Ukrainian language; textbook for the second grade of the Russian elementary school] Ukrains'ka mova; pidruchnyk dlia druhoho klasu pochatkovoi shkoly z rosiis'koiu movoiu navchannia. Vyd. 17. Kyiv, Vyd-vo "Radians'ka shkola," 1958. 135 p.
(InU)

UKRAINIAN LANGUAGE—WORD FORMATION

Review of morphology in the eighth grade. N. B. Ol'iak. Ukr. mova v shkoli 11 no 4 61-65 Jl-Ag '61

Suppletives of the Ukrainian language. S P. Samiilenko. Ukr mova v shkoli 11 no. 2:16-27 Mr-Ap '61

UKRAINIAN LITERATURE—COLLECTIONS

Syrotiuk, M. I., comp. [Voices of life; a collection of stories and sketches by present-day writers of the Soviet Ukraine] Holosy zhyttia; zbirnyk opovidan' ta narysiv suchasnykh pys'mennykiv Radians'koi Ukrainy. [Kyiv, Derzhlitvydav, 1960] 471 p.
(MH)

UKRAINIAN LITERATURE—HISTORY AND CRITICISM

Bilets'kyi, O. I. [Ukrainian literature; a textbook for the eighth grade of the secondary school] Ukrains'ka literatura, pidruchnyk dlia 8 klasu serednioi shkoly. Vyd. 12. Kyiv, Vyd-vo "Radians'ka shkola," 1958. 281 p.
(InU)

Buriak, Borys. [Service to the people; literary criticism] Sluzhinnia narodovi; literaturno-krytychni statti. Vyd-vo dop. i perer. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1960. 515 p.

Buriak, Borys. [The image of our contemporary; literary criticism] Obraz nashoho suchasnyka; literaturno-krytychni statti. Kyiv, Radians'kyi pys'mennyk, 1960. 341 p.
(IU)

Kylymnyk, O. V., comp. [Writers of the Soviet Ukraine] Pys'mennyky Radians'koi Ukrainy, dovidnyk. [Kyiv, Radians'kyi pys'mennyk, 1960] 578 p. (Dekada ukrains'koi literatury ta mystetstva)
(MH)

[Soviet Ukrainian writers; critical essays] Ukrains'ki radians'ki pys'mennyky, krytychni narysy. Kyiv, Radians'kyi pys'mennyk, 1960. 1 v.
(InU)

[Ukrainian writers; a bio-bibliographic guide] Ukrains'ki pys'mennyky; bio-bibliografichnyi slovnyk. Red. kolleghia: O. I. Bilets'kyi i dr. Kyiv, Derzh. vyd-vo khudozh. lit-ry.
Vol. 1. [Old Ukrainian literature, 11th to the 18th century] Davnia ukrains'ka literatura, XI-XVIII st. st. 1960.
(NN)

Vlasenko, V. P., and A. O. Kovtunenko. [Working class in Soviet Ukrainian prose of the 1920's and 1930's] Robitnychyi klas v ukrains'kii radians'kii prozi 20-30-kh rokiv. Kyiv, Vyd-vo Akad. nauk URSR, 1960. 206 p.

Z'izd pys'mennykiv Ukrainy, 4th, Kiev, 1959. [Materials of the Congress of Ukrainian Writers] Materialy. Kyiv, Radians'kyi pys'mennyk, 1960. 385 p.
(MH)

UKRAINIAN LITERATURE—STUDY AND TEACHING

[Materials for the study of the history of Ukrainian literature] Materialy do vyvchennia istorii ukrains'koi literatury; posibnyk dlia filologichnykh fakul'tetiv universytetiv i pedagogichnykh instytutiv. Kyiv, Radians'ka shkola.
Vol. 1. [Ancient Ukrainian literature from feudal times to the end of the 18th century] Davnia ukrains'ka literatura, doba feodalizmu - do kintsia XVIII st. 1959.

UKRAINIAN ORTHODOX EASTERN CHURCH see Orthodox Eastern Church, Ukrainian

UKRAINIAN PRIMERS see Primers, Ukrainian

UKRAINIANS see subdivision under Germany

UKRAINIANS—RITES AND CEREMONIES

Voropai, Oleksa. [Customs of our people; an ethnographic sketch] Zvychai nashoho narodu; etnohrafichnyi narys. Munich, Ukrains'ke vyd-vo, 1958. 1 v.
(NN)

ULAN BATOR—DESCRIPTION

We take a walk around the city. R. Tserendash. Sovr Mong 6 no. 1:6-7 Ja '61.

ULAN BATOR—TEXTILE INDUSTRY

Work, study and live in the socialist way. T Pil'zhe. Sovr Mong 6 no. 1:10-11 Ja '61

ULAN BATOR—UNIVERSITIES AND COLLEGES

In an Ulan Bator institute D Badamniam. Sovr. Mong. 6 no 1 22-23 Ja '61

ULAN BATOR—VOLLEYBALL

Results of a volleyball tournament of the fraternal armies of communist countries Sovr Mong 6 no. 3:23 Mr '61

ULEZKO-STROGANOVA, KLAVDIIA PETROVNA, 1859-1943

On the 100th anniversary of the birth of Klavdiia Petrovna Ulezko-Stroganova (1859-1943). S. M. Bekker Vop onk 5 no 11 627-630 '59

UL'IANOV, IL'IA NIKOLAEVICH, 1831-1886

New materials on the pedagogical activity of I N. Ul'ianov. A. L. Kalamyshev. Sov pedag 25 no 7 124-134 Jl '61

Years of I N Ul'ianov's study in the Kazan University T. D Korneichik Sov. pedag 25 no 7 88-96 Jl '61

UL'IANOV FAMILY

Unpublished materials on the Ul'ianov family V A. Seleznev, Z I Malkova Sov pedag 25 no 7,135-136 Jl '61.

ULTRABASITE see subdivision under Sayan Mountains

ULTRASONIC TESTING

Acoustic gas analyzer with two tubes. O. I. Kuchmin, L. V. Malkova, L. A. Sokolova. Akust. zhur. 7 no. 2: 215-217 '61.

New ultrasonic method of measuring the elastic properties of solids at high temperatures. B. A. Kalugin, I. G. Mikhailov. Akust. zhur. 7 no. 2:195-200 '61.

Ultrasonic flaw detection in high-strength cast iron N V Khimchenko, V P Gozak, A. G Shekhtman Lit proizv. no. 8 9-13 Ag '61

ULTRASONIC WAVES

Certain characteristics of the ultrasonic piezoelectric effect on surface-type oscillations. B A Finagin. Trudy LKI no. 29 251-255 '59

Coprecipitation of microimpurities from a supersaturated solution under the effect of ultrasonic waves. I. A. Korshunov, IU. S. Polikarpov, Radiokhimiia 3 no. 1:501-503 '61.

Effect of ultrasonic waves on the formation of the primary crystallization structure. G I Levin, I. G. Polotskii. Izv AN SSSR Otd tekh. nauk, Met. i topl. no. 3: 167-169 My-Je '61

Possibility of the generation and amplification of hypersound in paramagnetic crystals [with summary in English]. U Kh. Kopviillem, V D. Korepanov Zhur. eksp. i teor fiz 41 no. 1:211-213 Jl '61.

Remarks on the theory of ultrasonic wave absorption by metals in a magnetic field [with summary in English] G L Kotkin. Zhur eksp i teor. fiz. 41 no 1 281-287 Jl '61.

V F. Nozdrev's book "Application of ultrasonics in molecular physics." Reviewed by L G. Merkulov Izv vys. ucheb. zav., fiz no 1:176 '61.

ULTRASONIC WAVES—INDUSTRIAL APPLICATIONS

A. M. Ginstling and A. A. Baram's book "Ultrasonics in chemical technology." Reviewed by M. E. Arkhangel'skii. Akust. zhur. 7 no. 2:270 '61.

Bronshtein, M. M. [Electric and ultrasonic metal working] Elektricheskaia i ul'trazvukovaia obrabotka materialov. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1960. 28 p. (Novoe v tekhnike)

Bruk, M. V. [Ultrasonic welding of metals] Ul'trazvukovaia svarka metallov; stenogramma lektsii. Leningrad, 1961. 46 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Seriia: Elektrotekhnologiia i ul'trazvuk)

Conference on the use of ultrasonic waves in construction. V. I. Idashkin. Gidr stroi. 31 no. 7:61-63 Jl '61

Effect of the ultrasonic wave intensity on the state of a dispersed phase at the instant of emulsification. S. A. Neduzhii. Akust. zhur. 7 no. 2:265-206 '61.

Mikhailov, V. A. [Using ultrasonic techniques for cleaning, degreasing, and pickling parts] Primenenie ul'trazvuka, dlia ochistki, obezzhirivaniia i travleniia detalei. Leningrad, 1961. 19 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Elektricheskie metody obrabotki metalla, no. 2)

Session of the Committee on Ultrasonics of the State Scientific Technical Committee of the Council of Ministers of the U. S. S. R. D. IAkhimovich. Akust. zhur. 7 no. 2:260 '61.

Sound as welder. P. Orlov. Mest. prom. i khud. promys. 2 no. 6:23 Je '61.

Study of the temperature dependence of the velocity of ultrasonic treatment. V. F. Kazantsev, IU. L. Tisenbaum. Akust. zhur. 7 no. 2:260-262 '61.

Ultrasonic waves in structural engineering Bet. i zhelezobet. no 6 287-288 Je '61

Ultrasonics do the welding A. Kichatov Ogonek 39 no 23-15 Je '61

Use of ultrasonic waves in dyeing hosiery R. S Ruderman, L V Cherepovich. Tekst. prom. 21 no 4:44-45 Ap '61

Veroman, V. IU. [Ultrasonic shaping of materials] Razmernaia ul'trazvukovaia obrabotka materialov. Pod obshchei red. L. IA. Popilova. Moskva, Gos. nauchno-tekhn izd-vo mashinostroit. lit-ry, 1961. 65 p. (Bibliotechka elektrotekhnologa i ul'trazvukovika, no. 6)

ULTRASONIC WAVES—SPEED

Speed of propagation of ultrasonic waves in certain zinc and cadmium amalgams. A. Z. Golik, I. F. Klassen, G. M. Kuchak. Akust. zhur. 7 no. 2 259-260 '61.

ULTRASONIC WAVES—THERAPEUTIC USE

Is ultrasonic therapy dangerous during pregnancy? D Kamochai. Vop kur , fizioter. i lech fiz kul't 26 no 3 202-205 My-Je '61

ULTRAVIOLET RAYS

Photoreactivation (the problem of the antagonism between radiations of different wave lengths), a survey of the literature. V. A Barabol. Gig. i san. 26 no 3,72-81 Mr '61.

Solar compass of bees (from "Urania," no. 10, 1960) Priroda 50 no 8,112 Ag '61.

Ultraviolet fluorescence of sheep wool [with summary in German], 1st report S. V. Konev Biul. nauch. -tekh. inform VIZH no. 2 55-56 '58

Ultraviolet rays in the prevention of air droplet infections. N. M Dantsig, V V Vladavets, N B Krichagina Vest AMN SSSR 16 no 7 13-20 '61

ULTRAVIOLET RAYS—PHYSIOLOGICAL EFFECT

Absorption of monochromatic ultraviolet radiation by the giant nerve fiber of the cuttlefish [with summary in English]. I P. Shmelev, L P Kaliushin Biofizika 6 no. 4 436-439 '61.

Combined effect of chemical and physical factors in the selection of erythromycin producers. V. G. Zhdanov. Trudy Inst. mikrobiol. no. 10,164-168 '61.

Dependence of the effect of combined treatment of Streptomyces aureofaciens by ultraviolet and X rays on the nature of treatment S IU Gol'dat Dokl AN SSSR 139 no. 1 219-222 Jl '61

Effect of various doses of ultraviolet radiation in obtaining variants of Aspergillus producing active proteases. S. Z. Brotskaia. Trudy Inst. mikrobiol. no. 10,120-128 '61.

Experimental variability of Aspergillus niger. Part 1. Morphological characteristic of variants obtained as a result of the action of ultraviolet rays [with summary in English]. A. A. Imshenetskii, L. I. Solntseva, N F Kurnanova. Mikrobiologiia 29 no. 2 177-183 Mr-Ap '60.

Konferentsiia po biologicheskomu deistviiu ul'trafioletovogo izlucheniia, 1958. [Ultraviolet solar radiation and its use as a prophylactic and curative; transactions of the Conference on the Biological Effect of Ultraviolet Radiation] Ul'trafioletovoe izluchenie solntsa i ego ispol'zovanie dlia profilakticheskikh i lechebnykh tselei; trudy. Sbornik chetvertyi pod red. N. F. Gaianina. Leningrad, 1960. 99 p.

Physicochemical foundations of the biological action of ultraviolet rays. V. A. Barabol. Fiziol. zhur. (Ukr.) 7 no. 4:553-562 Jl-Ag '61.

Respiration of greatly modified variants of Aspergillus nidulans obtained as a result of the action of ultraviolet rays [with summary in English]. N. M. Verbina Mikrobiologiia 29 no. 2:160-164 Mr-Ap '60.

Some physiological peculiarities of asporogenic mutants of bacilli [with summary in English] E. Ijchiuska. Mikrobiologiia 29 no. 2:195-200 Mr-Ap '60

Use of ultraviolet rays in the selection of strains producing streptomycin. L. I. Erokhina. Trudy Inst. mikrobiol. no. 10:160-173 '61.

ULTRAVIOLET RAYS—THERAPEUTIC USE

Treatment of thermal b
rays from a mercury-
G. A Klang. Vop. kur
no. 3, 255-256 My-Je

UL'YANOVKA DISTRICT

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of the neutral part of
kanica Rgi. et Schmall
inst. Ser. 5 no 8 7-14

ERDEVELOPED AREAS
d" to underdeveloped countries in the strategy of merican imperialism. L Stepanov. Mir. ekon. i ezhdunar. otn. no. 8, 15-30 Ag '61.

kruptcy of the defenders of colonialism B Shabad Afr seg no 7 8-10 Jl '61

rgeois theories of preserving the backwardness of derdeveloped countries N Shmelev. Vop ekon no. 7 -109 Jl '61

nism and the fate of the suppressed peoples of the st G Kim Az i Afr seg no. 1 2-1 Ap '61.

ical help to underdeveloped areas V. Dvorinkovskii ezhdunar zhizn' 8 no 9 107-108 S '61

ist technical and economic assistance through the ited Nations A. Nekrasov Mezhdunar zhizn' 8 9 108-109 S '61

U S S R. and underdeveloped countries I Shitalov, ezhdunar zhizn' 8 no 9 100-103 S '61.

ERGROUND CONSTRUCTION
DA", in favor of using a method of electrohydrodynamic analogies in planning and building underground mmunications. I Nikol'skii. Stroi i arkhit. Mosk. no. 5 31-33 My '61

ring underground engineering communications in icrodistricts and residential blocks. V. V. Kavaderov. rudy Ural. politekh. inst. no. 109 80-87 '61.

vering underground structures in a ring of ice and il L D Saprykin, L N Orolov Prom stroi 39 5 22-26 '61

ns of underground communication systems of cities. K. Plakhtii. Geod i kart no 7:51-55 Jl '61

nnels for repairing underground utility lines. A. Litnov and others. Stroi i arkhit. 9 no 6:28-29 Je 1.

ERGROUND WATER see Water, Underground

ERPASSES see subdivision under Kharkov; Moscow

ERWATER ACOUSTICS
ctuations of sound propagating in a shallow water yer. O. S. Tonakanov. Akust. zhur. 7 no. 2:236-241 1.

erwater intercommunication device. N. Rasskazina, R. Khrapko. Radio no. 5 26-27 My '61.

RWATER PIPELINES
ding underwater crossings S. I. Levin. Stroi. uboprov. 6 no 5:29-31 My '61

LANT FEVER see Brucellosis

MPLOYED see subdivision under United States

LATA, FOSSIL see subdivision under Dulygalyzhilank Valley

N OF SOUTH AFRICA see South Africa, Union of

N OF SOVIET SOCIALIST REPUBLICS see Russia

ED NATIONS
rovement of the structure of the United Nations is urgent task. G. Morozov. Mir. ekon. i mezhdunar. n. no. 8:31-44 Ag '61.

s transform the United Nations into an instrument of ce ("The United Nations, from 1945 to 1960" [in ch] by Miroslav Potocny. Reviewed by A Lukanin) zhdunar zhizn' 8 no 9:140-142 S '61

e on the structure of the executive agencies of the N. A. Alekseev. Mezhdunar zhizn' 8 no. 8:49-55

trianov. Mezhdunar. zhizn' 8 no. 8-

...ance in the field of transportation. D. Orlov, Il'in. Avt transp. 39 no. 6:54-55 Je '61.

ED NATIONS—TECHNICAL ASSISTANCE
t technical and economic assistance through the ted Nations A. Nekrasov. Mezhdunar. zhizn' 8 9:108-109 S '61.

D NATIONS EDUCATIONAL, SCIENTIFIC, AND LTURAL ORGANIZATION
icipation of the White Russian S. S. R. in the work he UNESCO. IU. P. Brouka. Vestsi AN BSSR. Ser. m. nav. no. 2:30-42 '61.

ications of UNESCO. Sov. pedag. 25 no 7 147-148 '61.

D STATES
. A. answers] SShA otvechaiut. Pod red. Kenneth eer. Russkii perevod pod red. N. I. Bevad. New k, 1960. 652 p.

D STATES—AIR DEFENSES
r point on the ocean in the air defense system of the . A. as revealed by foreign press material. P. P. ogrivtsev. Vest. protivovozd. obor no. 5:68-69 '61.

UNITED STATES—AIR FORCE
Strategic Air Command of the U. S. A. as revealed by foreign press data N S Nikolaev. Vest protivovozd obor no 5 53-55 My '61

UNITED STATES—AMORTIZATION
Special features of the amortization of capital equipment in the U.S A during the postwar period V. Budavei, E Kazinskii Plan khoz 38 no 8 80-86 Ag '61

UNITED STATES—ASTRONAUTICS
A review of newspapers. Blok agit. [Sov. Armii] no. 15; 47-3 of cover My '61

UNITED STATES—ATOMIC POWER—LAW AND LEGISLATION
New rules adopted by the Atomic Energy Commission of the United States in regard to site selection. Atom energ 11 no 1:68-69 Jl '61.

UNITED STATES—ATOMIC WEAPONS
Tactical nuclear weapons in the American army, from the foreign press. V. Shaikov, A Rusin. Voen. vest. 40 no. 4 117-118 Ap '61.

UNITED STATES—BITUMEN
Production of bitumens in the U S A K. Kostrin. Neftianik 6 no. 7 34 Jl '61

UNITED STATES—BUDGET
Two budgets. Starsh. -serzh no 2:10-11 F '61.

UNITED STATES—BUSINESS CYCLES
Militarization of the economy and economic crises in the United States. A. Kats. Mir. ekon. i mezhdunar. otn. no. 8 87-93 Ag '61.

UNITED STATES—CEMENT PLANTS—EQUIPMENT AND SUPPLIES
Some technological systems and types of equipment in the cement industry of the U. S A I K. Moroz, V. I Satasin. TSement 27 no. 3:28-30 My-Je '61

UNITED STATES—CITIES AND TOWNS—GROWTH
Changes in population distribution in major regions of the U. S. A. during the postwar period and some problems in city growth. V M Gokhman, V P. Kovalevskii Vop geog no 53:46-62 '61.

UNITED STATES—CITY PLANNING
The problem of the American city A Khristiani. Sov arkhit. no. 12 144-148 '60.

UNITED STATES—CIVIL DEFENSE
War psychosis. V zashch. mira no. 8:28 Ag '60.

UNITED STATES—CIVIL WAR
Centennial of the American Civil War. Voen. ist. zhur. 3 no. 4:128 Ap '61.
Contemporary trends in American Civil War historiography [with summary in English, pp 221-222]. Herbert M Morais. Vop ist no. 7:96-114 Jl '61.

UNITED STATES—COMMUNIST PARTY
Intensification of reactionary persecutions in the U. S. A. Blok agit. [Sov Armii] no. 18, 44-45 Je '61

UNITED STATES—CONCRETE—MAINTENANCE AND REPAIR
Means of repairing concrete elements. B. P. Smirnov. Bet i zhel-bet. no 6 28-5 Je '61.

UNITED STATES—COURTS
American courts are the weapons of reaction ("Courts of injustice" [in English] by J P. Kollisson Reviewed by P. S Romashkin) Sov gos. i pravo no 11:130-134 N '60.

UNITED STATES—DEFENSE CONTRACTS
no "yellow devil"; a political sketch.
n. Komm Vooruzh. Sil 1 no 1 85-88 O

UNITED STATES—DEFENSES
The military program of Washington. B Teplinskii. Mezhdunar zhizn' 8 no. 9:37-47 S '61.

UNITED STATES—DESCRIPTION AND TRAVEL
Multistoried America (conclusion). Boris Burkov. Ogonek 39 no 20-20-21 Jl '61
Shevoleva, E. V. [With the "Berezka" Dance Ensemble] S "Berezkoi" po Amerike. Moskva, Iskusstvo, 1960. 204 p.
(NN)
[The U. S. A.; concise review of factual data] SShA; kratkii obzor faktitcheskikh dannykh. Izd. 2. New York, 1960. 87 p. illus.

UNITED STATES—DRYING APPARATUS
New equipment for infrared drying of coatings (from "Furniture Manufacturer," October, 1960). Der. prom. 10 no. 7:32 Jl '61.

UNITED STATES—ECONOMIC CONDITIONS
Man'shikov, S. M. [Economic conditions of the U. S. A.] Ekonomicheskoe polozhenie SShA. Moskva, Izd-vo "Znanie," 1961. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 7, Mezhdunarodnaia, no. 13)

The Soviet Union of many respects is far ahead of America, notes of an American tourist. [Henry Trueman. Blok. agit. [Sov. Armii] no. 19 43-3 of cover Jl '61.

UNITED STATES—ECONOMIC POLICY
"American economists are doubtful" Mezhdunar. zhizn' 8 no. 9:110-111 S '61
The gain of time in the economic competition of two social and political systems IU. Korniakov, V Tarkhov, V Chertko Kommunist 38 no 13 81-91 S

UNITED STATES—ELECTRIC POWER DISTRIBUTION
New design of busbars for workshop distribution networks (from "Plant Engineering," no. 1, 1960 and "Power Engineering," no. 2, 1960). IA. E. Vol'fkovich. Prom. energ. 16 no. 5 53-54 My '61.
Use of cables suspended from poles for electric power distribution networks (from "Electrical World," no. 24, 1959). IA. E. Vol'fkovich. Prom. energ. 16 no. 5:51 My '61.

UNITED STATES—ELECTRIC POWER PLANTS—LIGHTING
New data on the lighting of thermal electric power plants in the U. S. A. A. IA. Kots. Svetotekhnika 7 no. 8 Ag '61

UNITED STATES—FOREIGN ECONOMIC RELATIONS
Gushima, Kunesaburo. [Present-day colonialism. Translated from the Japanese] Sovremennyi kolonializm. Vstup. stat'ia i red. G. L. Bondarevskogo. Moskva, Izd-vo inostr. lit-ry, 1960. 178 p.

UNITED STATES—FOREIGN ECONOMIC RELATIONS—AFRICA
Dollar imperialism in Africa. Art Shilkin. Mezhdunar zhizn' 8 no. 8, 56-67 Ag '61.
U. S. penetration in Africa. V. Kotov. Mir. ekon. i mezhdunar. otn. no. 7 112-118 Jl '61.

UNITED STATES—FOREIGN ECONOMIC RELATIONS—CANADA
Postwar structural changes in the economy of Canada. R. Faramazian. Mir. ekon. i mezhdunar. otn. no. 8 77-86 Ag '61.

UNITED STATES—FOREIGN ECONOMIC RELATIONS—CUBA
The failures of Washington in the struggle against Cuba. M Kruglov. Nov. vrem 19 no 35:11-17 Ag '61

UNITED STATES—FOREIGN ECONOMIC RELATIONS—IRAN
How the Americans help Iran. E. Rubin. Mezhdunar. zhizn' 8 no. 9, 115-116 S '61

UNITED STATES—FOREIGN ECONOMIC RELATIONS—LATIN AMERICA
Imperialism and the ideology of national reform in Latin America. A. Shul'govskii. Mir. ekon. i mezhdunar. otn. no. 8:45-59 Ag '61.

UNITED STATES—FOREIGN RELATIONS
Americans on the foreign policy of the U. S. A. Mezhdunar zhizn' 8 no 9, 154-155 S '61
"The atomic problem and the policy of the U S A" by A. I Ignatov. Reviewed by A. S. Protopopov. Vop ist no. 8 154-155 Ag '61.
Clues point to Allen Dulles. George Morris. Sov. profsoiuzy 17 no. 13:37-38 Jl '61.
In the fumes of war hysteria. V. Berezhkov. Nov. vrem. 19 no. 32 10-13 Ag '61
Kobrin, M. M. [World opinion on the free world] Mir o svobodnom mire. Moskva, Znanie, 1960. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 7, Mezhdunarodnaia, no. 19)
MH
United States Information Agency. Mezhdunar. zhizn' 8 no. 8:135-136 Ag '61.
The unquenchable sorrows of anticommunism. Nov. vrem. 19 no. 34:4-5 Ag '61.

UNITED STATES—FOREIGN RELATIONS—ASIA
"Look out, Asia.... United States on the offensive" R K. Singkha. Az. i Afr seg. no. 7:52-53 Jl '61.

UNITED STATES—FOREIGN RELATIONS—HUNGARY
Policy of bankrupts ("Hungarian-American relations, 1918-1960." Reviewed by G. Deinichenko). Mezhdunar. zhizn' 8 no. 8 126-127 Ag '61.

UNITED STATES—FOREIGN RELATIONS—JAPAN
Japan in anger. Tokusaburo Dan. V zashch. mira no. 8 [illegible] 19 Ag '60.
Unprecedented debacle. Pierre Cot. V zashch. mira no. 8:5-6 Ag '60.

UNITED STATES—FOREIGN RELATIONS—MICRONESIA
Tragedy of the Micronesia. M. Nepesov. Az i Afr. seg no. 7-21-22 Jl '61.

UNITED STATES—FOREIGN RELATIONS—RUSSIA
Thoughts of an American diplomat ("The U.S. versus the U. S. S. R., ideologies in conflict" [in English] by Robert A. Fearey. Reviewed by B. Bykhovskii). Nov. vrem. 19 no. 34:30-31 Ag '61.

UNITED STATES—FOREIGN RELATIONS—TURKEY

Shpil'kova, V. I. [Imperialist policy of the U. S. A. toward Turkey, from 1914 to 1920, a textbook] Imperialisticheskaia politika SShA otnoshenii Turtsii, 1914-1920 gg; uchebnoe posobie Pod red. A. I. Molokn. Moskva, Mosk. gos. pedagog. in-t im. V. I. Lenina, 1960. 152 p.

Shpil'kova, V. I. [Imperialist policy of the U. S. A. toward Turkey, from 1914 to 1920] Imperialisticheskaia politika SShA v otnoshenii Turtsii, 1914 - 1920 gg Moskva, 1960. 152 p. (Moscow. Moskovskii gosudarstvennyi pedagogicheskii institut Uchenye zapiski, vol. 157)

UNITED STATES—GIFTED CHILDREN

Instruction and training of precocious children in the United States. M S Bernshtein Sov pedag 25 no 6: 116-126 Je '61

UNITED STATES—GUERILLA WARFARE

The Pentagon trains the bands of saboteurs M. Petrov. Blok agit [Sov Armii] no 22 43-47 Ag '61.

UNITED STATES—HAIRCUTTING

Original device. L Antonov Zhil -kom khoz 11 no. 7: 3 of cover Jl '61

UNITED STATES—HIDES AND SKINS

Mechanized production line for the sanitary processing and preserving of hides (from "The National Provisioner," Jan. 1959, Sept. 1959, March 1960). E. Gaevoi. Mias ind. SSSR 32 no. 2, 61-62 '61

UNITED STATES—INDUSTRIES

Militarization of the economy and economic crises in the United States. A. Kats. Mir. ekon. i mezhdunar. otn. no. 8, 87-93 Ag '61.

UNITED STATES—INSURANCE, SOCIAL

Status of the physically handicapped in the United States. D Gritskevich Sots obesp 22 no 6 52-53 Je '61

UNITED STATES—INTELLIGENCE SERVICE

Clues point to Allen Dulles. George Morris. Sov. profsoiuzy 17 no 13:37-38 Jl '61

UNITED STATES—JUSTICE, ADMINISTRATION OF

Justice in the United States ("Courts of injustice" by I P. Callison. Reviewed by F. Kamenskii). Nov. vrem. 19 no. 26:30-31 Jl '61.

UNITED STATES—LEARNED INSTITUTIONS AND SOCIETIES

Moscow. Vsesoiuznyi institut nauchnoi i tekhnicheskoi informatsii. [Scientific and cultural institutions of the U. S. A.] Nauchnye i kul'turnye uchrezhdenila SShA. Moskva, 1961. 163 p.

UNITED STATES—MEAT—PRESERVATION

Air ionization in chilled meat storage rooms. Mias. ind SSSR 32 no 3 61 '61

UNITED STATES—MEAT, CANNED

Meat canning industry in the U. S Mias. ind. SSSR 32 no 2 60 '61.

UNITED STATES—MEAT, SMOKED

Smoking meat products in the U S V. Kurko. Mias ind. SSSR 32 no 2 58-59 '61.

UNITED STATES—MEAT INDUSTRY

Meat-processing enterprises in the U. S. N. Mel'nikov, N Alekseev. Mias. ind. SSSR 31 no 4:57-60 '60.

A practical book for workers ("Processing of cattle, calves, and sheep" [translated from the English] Reviewed by A Manerberger). Mias ind SSSR 32 no 2 53 '61.

Specialization of meat combines and slaughterhouses in the U S according to type of livestock (from "The National Provisioner," no 13, 1960). Mias. ind SSSR 32 no. 2 43 '61.

UNITED STATES—MILITARY POLICY

Admiral Canaris' monkeys. IUr. Korol'kov. Mezhdunar. zhizn' 8 no. 8:79-86 Ag '61.

An international gendarme. Blok. agit. [Sov. Armii] no. 18:44 Je '61.

UNITED STATES—MONOPOLIES

The Cleveland group. V. Zorin. Mir. ekon. i mezhdunar. otn. no. 8:130-133 Ag '61.

UNITED STATES—MOTOR VEHICLES—STEERING GEAR

New system of steering control. S. Reidel'. Avt. transp. 39 no. 6 56-59 Je '61.

UNITED STATES—MUSIC

American notes. I. Nest'ev. Sov. muz. 25 no. 7:116-125 Jl '61.

UNITED STATES—NEGROES

American negroes fight for their rights. Smena 38 no. 14:16-17 Jl '61.

UNITED STATES—OCEANOGRAPHIC RESEARCH

Oceanographic Committee of the United States N. N. Gorskii. Biul. Okean. kom. no. 6 77 '60.

UNITED STATES—OCEANOGRAPHIC RESEARCH STATIONS

Scripps Institution of Oceanography K V Beklemishev Biul Okean kom no 6 69-74 '60

UNITED STATES—OILS AND FATS

Mechanization of the production of industrial animal fats Mias ind SSSR 32 no. 3:62-63 '61

UNITED STATES—PAVEMENTS, CONCRETE

Method of making joints in concrete pavements. M. S. Zel'manovich Avt. dor. 24 no 7:24 Jl '61

UNITED STATES—PETROLEUM REFINERIES

At the petroleum refineries of the U. S. A. L. A. Gvozdetskii and others. Khim. i tekh. topl. i masel 6 no. 6: 68-72 Je '61.

UNITED STATES— PHYSICALLY HANDICAPPED

Status of the physically handicapped in the United States. D. Gritskevich. Sots obesp 22 no 6:52-53 Je '61

UNITED STATES—PIPE CUTTING

Instrument for the chemical cutting of drill columns F Gref. Neftianik 6 no. 7:34 Jl '61

UNITED STATES—PLASTICS

Heat-resistant plastics in lighting engineering (from "Modern Plastics," no 6, 1960) Plast massy no 7: 74 '61.

Production of plastics in the U. S. A. in 1958 and 1959 (from "Modern Plastics," no 10, 1960). Plast massy no 7:74-75 '61.

UNITED STATES— POLITICS AND GOVERNMENT

Two points of view. Thomas Buchanan. V zashch. mira no. 8:6-9 Ag '60.

UNITED STATES— POULTRY HOUSES AND EQUIPMENT

Mechanization and automation of poultry raising in the U. S. A V G Vasil'ev. Vest. sel'khoz nauki 6 no. 7: 143-155 Jl '61.

UNITED STATES—PRESTRESSED CONCRETE

Prestressed concrete in the U S. A V. V. Mikhailov, B G Skramtaev Bet i zhel -but no. 6 280-285 Je '61.

UNITED STATES—PRODUCTION STANDARDS

Piecework norms in the industry of the U. S. A., France, Great Britain, and West Germany P. M. Orlov. Mashinostroitel' no. 8 24-26 Ag '61.

UNITED STATES—PUBLIC OPINION

One more defender of colonialism. S. Fil'shtinskii. Az. i Afr. seg. no. 4:52-53 Ap '61.

UNITED STATES—RAILROADS

From pages of foreign journals Zhel dor. transp 43 no. 7:93 Jl '61

UNITED STATES—RAILROADS—MAINTENANCE AND REPAIR

From the pages of foreign magazines. Transp stroi. 11 no. 7:57 Jl '61.

UNITED STATES— REFUGEES, UKRAINIAN

The "servants of God" with the mark of Cain. O. Mazurkevych. Voiov. ateist no 1:49-54 Ja '61

UNITED STATES—RELATIONS (GENERAL) WITH FOREIGN COUNTRIES

"Troyan horse" of neocolonialism. S Martina. Az i Afr. seg. no 7 55 Jl '61

UNITED STATES—RELATIONS (GENERAL) WITH RUSSIA

Keys of San Francisco (to be concluded). Boris Burkov. Ogonek 39 no. 28;26-29 Jl '61.

Meeting in the Crimea. G. Gurkov Ogonek 39 no 23: 2-3 Je '61

Morris Gordon at the "Seven-year Plan in Action during 1961" Exhibition. Sov. foto 21 no. 7,45 Jl '61.

UNITED STATES—RELATIONS (MILITARY) WITH LATIN AMERICA

Machinations of the Pentagon in Latin America. V. Borisov. Mezhdunar. zhizn' 8 no. 9:113-115 S '61

UNITED STATES—RELATIONS (MILITARY) WITH NICARAGUA

History of the liberation struggle of the Nicaraguan people against the armed intervention of the U. S. A. from 1927 to 1933 [with summary in English, pp 221-222]. N. S. Larin. Vop. ist. no. 8:86-96 Ag '61.

UNITED STATES—RELATIONS (MILITARY) WITH WEST GERMANY

An evil alliance of American and West German militarists F. Penkin. Blok. agit. [Sov. Armii] no. 15: 44-46 My '61.

UNITED STATES—RESEARCH, INDUSTRIAL

American science is a servant of monopolies. O. Talenskii. Mezhdunar. zhizn' 8 no. 9:91-99 S '61.

American science is a servant of monopolies. O. Talenskii Mezhdunar. zhizn' 8 no. 9:91-99 S '61.

UNITED STATES—REVOLUTION

"The American bourgeois revolution of the 18th century" by A A Fursenko. Reviewed by L N Goncharov. Vop. ist no 8 158-160 Ag '61

UNITED STATES—STATISTICS

[The U. S. A.; concise review of factual data] SShA; kratkii obzor faktícheskikh dannykh. Izd. 2. New York, 1960. 67 p. illus

UNITED STATES—STATISTICS, VITAL

Changes in population distribution in major regions of the U. S. A. during the postwar period and some problems in city growth V M Gokhman, V P Kovalevskii Vop geog no 53 48-62 '61

UNITED STATES—TANKS (MILITARY SCIENCE)

American tanks. M. Nersesian. Starsh.-serzh no. 4: 30-31 Ap '61.

UNITED STATES— TEACHING MACHINES

Use of teaching machines in the United States. A Gel'mont Sov pedag 25 no 7 156-157 Jl '61

UNITED STATES—TRACTORS

Electric tractor with thermoelements (from "Agricultural Engineering, v. 40, no. 11, 1959). Trakt. i sel'khozmash. 31 no. 2 47 F '61

UNITED STATES—TRADE UNIONS

Clues point to Allen Dulles. George Morris. Sov. profsoiuzy 17 no. 13 37-38 Jl '61.

UNITED STATES—UNEMPLOYED

A review of newspapers. Blok. agit. [Sov. Armii] no. 17 42-3 of cover Je '61.

UNITED STATES—WOODWORKING MACHINERY

Equipment for applying wood grain imitation on sheet materials (from "Industrial Finishing," 36, no. 11, 1960). Der. prom. 10 no. 7 31 Jl '61.

UNITIZED CARGO SYSTEMS

Ridel', E. I., and I. V. Shtefko. [Transportation of palletized loads] Opyt perevozok gruzov v lashchichnykh poddonakh. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 47 p.

UNIVERSE see Cosmogony

UNIVERSITIES AND COLLEGES see subdivision under Fez, Morocco; Moscow; Sverdlovsk, Ulan Bator

UNSATURATED COMPOUNDS

Amino sulfides and amino sulfones. Part 19. Addition of o- and p-nitrophenyl sulfides to α,β-unsaturated compounds I. Kh. Fel'dman, V. N. Mikhailova. Zhur ob khim. 31 no. 7 2115-2118 Jl '61.

URACIL

Morphological peculiarities of experimental tumors of the thyroid gland induced in rats by 6-methylthiouracil [with summary in English] N. P. Napalkov. Vop onk. 5 no. 11:578-592 '59.

URAL MOUNTAIN REGION—BOTANY

Endotrophic mycorhiza of herbaceous plants in certain plant communities of the central cis-Ural region [with summary in English] L. V. Kriuger Bot. zhur 46 no. 5:617-627 My '61.

URAL MOUNTAIN REGION—BRONZE AGE

Tikhonov, B. G., and Iu. S. Grishin. [Studies on the history of production in the Ural Mountain region and southern Siberia during the Bronze and early Iron Ages] Ocherki po istorii proizvodstva v Priural'e i IUzhnoi Sibiri v epokhu bronzy i rannego zheleza. Moskva, Izd-vo Akad. nauk SSSR, 1960. 206 p (Materialy i issledovaniia po arkheologii SSSR, no. 90)

URAL MOUNTAIN REGION—ECLOGITE

Changes in the composition of garnets during the metamorphism of eclogites in the Southern Urals. B. V. Chesnakov. Izv. AN SSSR, Ser. geol. 26 no. 7:40-48 Jl '61.

URAL MOUNTAIN REGION—FOREST MANAGEMENT

New method for maintaining young conifer-hardwood forests in the Urals L. I. Kiykhanov. Les. khoz. 14

URAL MOUNTAIN REGION—IRON AGE

Tikhonov, N.G., and IU.S.Grishin. [Studies on the history of production in the Ural Mountain region and southern Siberia during the Bronze and early Iron Ages] Ocherki po istorii proizvodstva v Priural'e i IUzhnoi Sibiri v epokhu bronzy i rannego zheleza. Moskva, Izd-vo Akad. nauk SSSR, 1960. 206 p. (Materialy i issledovaniia po arkheologii SSSR, no. 90)

URAL MOUNTAIN REGION—MINERALS

Leningrad. Vsesoiuznyi geologicheskii institut. [Geology and minerals of the Urals and Turgay] Geologiia i poleznye iskopaemye Urala i Turgaia. Leningrad, 1960. 192 p. (Materialy, no. 39)

URAL MOUNTAIN REGION—MUNICIPAL ENGINEERING

Laying underground engineering communications in microdistricts and residential blocks. V. V. Kavaderov. Trudy Ural. politekh. inst. no. 109 80-87 '61.

URAL MOUNTAIN REGION—PALEONTOLOGY, STRATIGRAPHIC

Triassic stratigraphy of the southern Ural Mountain region, based on vertebrates. V. G. Ochev. Trudy VNIGNI no. 29 vol. 1 35-40 '60.

URAL MOUNTAIN REGION—PETROLEUM GEOLOGY

Changes in the properties of lower Permian oils in the cis-Ural trough. A. K. Karimov, K. S. IArullin. Vop. geol. vost. okr. Rus. platf. i IUzh. Urala no. 6:89-98 '60.

URAL MOUNTAIN REGION—POLIOMYELITIS

Virological characteristics of poliomyelitis in the western Urals. V. M. Minaeva and others. Vop. virus. 6 no. 5:624 S-O '60.

URAL MOUNTAIN REGION—PRECIOUS STONES

Processing of precious stones on a conveyer. L. Davydov. Nauka i zhizn' 28 no. 6, 36-40 Je '61.

URAL MOUNTAIN REGION—REVOLUTION, 1917-1921

"The struggle for Soviet rule in the southern part of the Ural Mountain region." Reviewed by M. D. Mashin, L. M. Papin. Ist. SSSR 5 no. 1 175-178 Jl-Ag '61.

URAL MOUNTAIN REGION—SNOW

Snow drift formation near clerestories of gabled roofs of unheated industrial buildings in the Urals. B. I. Truba. Trudy Ural. politekh. inst. no. 109 118-128 '61.

URAL MOUNTAINS—CALCIUM BORATES

Nifontovite, a new boron mineral. S. V. Malinko, A. E. Lisitsyn. Dokl. AN SSSR 139 no. 1:186-190 Jl '61.

URAL MOUNTAINS—DIORITE

Sericitization and epidotization of plagioclases in quartz-diorites in the Sukhoyaz granite massif in the Urals. Li Ben'-sian [Li Pen-hsiang]. Izv. vys. ucheb. zav., geol. i razv. 3 no. 6 123-125 Je '60.

URAL MOUNTAINS—GAS, NATURAL—GEOLOGY

Estimating the oil and gas potential of the southern Ural Mountain region. A. I. Olli, G. S. Senchenko. Vop. geol. vost. okr. Rus. platf. i IUzh. Urala no. 6:5-11 '60.

URAL MOUNTAINS—PERIDOTITE

Igneous nature of the platinum-bearing belt in the cabbro-peridotite formation of the Urals. O. A. Vorobeva. Izv. AN SSSR. Ser. geol. 26 no. 7:23-39 Jl '61.

URAL MOUNTAINS—PETROLEUM GEOLOGY

Estimating the oil and gas potential of the southern Ural Mountain region. A. I. Olli, G. S. Senchenko. Vop. geol. vost. okr. Rus. platf. i IUzh. Urala no. 6:5-11 '60.

URAL MOUNTAINS—PLATINUM

Igneous nature of the platinum-bearing belt in the cabbro-peridotite formation of the Urals. O. A. Vorobeva. Izv. AN SSSR. Ser. geol. 26 no. 7:23-39 Jl '61.

URAL MOUNTAINS—PYRITES

Role of depth in the formation of pyrite deposits in the Urals. S. A. Vakhromeev. Zap. Vost.-Sib. otd. Vses. min. ob-va no. 1:22-30 '59.

URAL MOUNTAINS—QUARTZ CRYSTALS

Formation temperatures of quartz crystals in the Urals. E. D. Inshin. Zap. Vost.-Sib. otd. Vses. min. ob-va no. 1:89-96 '59.

URAL MOUNTAINS—ROCKS, CRYSTALLINE AND METAMORPHIC

Trace elements in metamorphic rocks of the western slope of the Central Urals. A. M. Kropachev, V. A. Krotov. Dokl. AN SSSR 139 no. 3:708-712 Jl '61.

URAL MOUNTAINS—ROCKS, SEDIMENTARY

Khvorova, I. V. [Flysch and lower molasse formations in the Southern Urals] Flishevaia i nizhnemolassovaia formatsii IUzhnogo Urala. Moskva, Izd-vo Akad. nauk SSSR, 1961. 351 p. (Akademiia nauk SSSR, Geologicheskii institut. Trudy, no. 37)

URAL VALLEY—BIRDS

Notes on some birds of western Kazakhstan. A. I. Ivanov. Trudy Inst. zool. AN Kazakh. SSR 15:50-54 '61.

URANIUM

(see also subdivision under Tien Shan)

Analysis of reactor fuel and materials in the Division of Analytical Chemistry at the Nuclear Research Institute of the Polish Academy of Sciences. Jerzy Minczewski. Atom. energ. 11 no. 1, 46-55 Jl '61.

Fundamental principles for classifying exogenous uranium deposits. V. I. Danchev. Izv. AN SSSR. Ser. geol. 26 no. 7 49-57 Jl '61.

International Conference on the Peaceful Uses of Atomic Energy. 2d, Geneva, 1958. [Transactions. Selected reports by foreign scientists. Izbrannye doklady inostrannykh uchenykh] Moskva, Izd-vo Glav. upravl. po ispol'zovaniiu atomnoi energ. pri Sovete Ministrov SSSR. Vol. 7. [Technology of atomic raw products] Tekhnologiia atomnogo syr'ia. Pod obshchei red. A. P. Zefirova. 1959. 656 p.

Kinetics of the oxidation of $U^{(IV)}$ by a chlorite in acid solutions. E. A. Kanevskii, L. A. Fedorova. Radiokhimiia 3 no. 3 339-347 '61.

URANIUM—ANALYSIS

Analytical chemistry of uranium. Report No. 3. Photometric determination of uranium in ores and in the products of their treatment with arsenazo I [with summary in English]. V. F. Luk'ianov, L. M. Moiseeva, N. M. Kuznetsova. Zhur. anal. khim. 16 no. 4 440-451 Jl-Ag '61.

URANIUM—ISOTOPES

Alikhanov, A.I., V.V. Vladimirskii, and S.IA. Nikitin. [Measuring the effective number of secondary neutrons in U^{233}, U^{235}, and Pu^{239} in the thermal energy region of neutrons] Izmerenie effektivnogo chisla vtorichnykh neitronov urana-233, urana-235 i plutoniia-239 v oblasti teplovykh energii neitronov. Moskva, 1955. 11 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Burgov, N. A. [Determining the number of secondary neutrons produced in the capture of one thermal neutron by nuclei of a natural mixture of uranium isotopes] Izmerenie chisla vtorichnykh neitronov, voznikaiushchikh pri zakhvate odnogo teplovogo neitrona iadrami estestvennoi smesi izotopov urana. Moskva, 1955. 6 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu izpol'zovaniiu atomnoi energii)

Girshfel'd, S. V. [Investigation of delayed neutrons from U^{233} after irradiation by thermal neutrons] Issledovanie zapazdyvaiushchikh neitronov urana-233 posle obluchenila teplovymi neitronami. Moskva, 1955. 16 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Kukavadze, G. M., and others. [Measurement of the cross sections of the absorption and radiative capture of neutrons in U^{233} and the pile neutron spectrum] Izmerenie sechenila pogloshchenila i sechenila radiatsionnogo zakhvata urana-233 dlia kotel'nogo spektra neitronov. Moskva, 1955. 13 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Spivak, P.E., and B.G. Erozolimskii. [Measuring the coefficient of neutron multiplication (effective number of secondary neutrons) for fissionable uranium and plutonium isotopes, using thermal neutrons for fission] Izmerenie koeffitsienta razmnozhenila neitronov (effektivnogo chisla vtorichnykh neitronov) dlia delishchikhsia izotopov urana i plutoniia pri delenii na teplovykh neitronakh. Moskva, 1955. 16 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Szilard-Chalmers method for the enrichment of U^{237} produced from uranyl bibenzoylmethane. N. P. Martynov, V. A. Bochkarev, A. A. Lbov. Radiokhimiia 3 no. 1, 508-509 '61.

Triple fission of uranium nuclei by fast neutrons [with summary in English]. N. A. Perfilov, Z. I. Solov'eva, R. A. Filov. Zhur. eksp. i teor. fiz. 41 no. 1 11-12 Jl '61.

URANIUM COMPOUNDS

Concerning the complex nature of uranium peroxide compounds. A. M. Gurevich. Radiokhimiia 3 no. 3, 321-333 '61.

URANIUM FLUORIDES

Study of the hydrolysis of uranium tetrafluoride. N. S. Nikolaev, IU. A. Luk'ianychev. Atom. energ. 11 no. 1: 67-69 Jl '61.

URANIUM ORES

Effect of the density of uranium ores and of the thickness of the iron absorbing layer on the gamma-ray spectrum of the ores as recorded by a scintillation counter. A. G. Grammakov and others. Atom. energ. 11 no. 1: 69-71 Jl '61.

International Conference on the Peaceful Uses of Atomic Energy. 2d, Geneva, 1958. [Transactions. Selected reports by foreign scientists. Izbrannye doklady inostrannykh uchenykh] Moskva, Izd-vo Glav. upravl. po ispol'zovaniiu atomnoi energ. pri Sovete Ministrov SSSR. Vol. 8. [Geology of atomic raw products] Geologiia atomnogo syr'ia. Pod red. A. P. Vinogradova. 1959. 520 p.

Uranium industry in capitalist countries, survey of present-day conditions. V. D. Andreev. Atom. energ. 11 no. 1:72-79 Jl '61.

URANIUM OXIDE

Capture of alkali cations by the precipitation of uranium peroxide. A. V. Nikolaev and others. Radiokhimiia no. 3 372-373 '61.

Homologous series of uranium oxides U_nO_{2n+2}. E. S. Makarov. Dokl. AN SSSR 139 no. 3, 612-615 Jl '61.

URANYL COMPOUNDS

Reactions of uranyl compounds with thiourea. V. P. Markov, N. N. Knizeva. Zhur. neorg. khim. 6 no. 7, 1523-1524 Jl '61.

Szilard-Chalmers method for the enrichment of U^{237} produced from uranyl bibenzoylmethane. N. P. Martynov, V. A. Bochkarev, A. A. Lbov. Radiokhimiia 3 no. 4:508-509 '61.

URANYL IONS

Investigation of the solubility of the peroxy-complexes of the uranyl ion $K_1[UO_2(O_2)_3]\cdot 5H_2O$ and $K_4[UO_2(O_2)_3]\cdot 4H_2O_2\cdot 4H_2O$. A. M. Gurevich, L. P. Polozhenskaia. Radiokhimiia 3 no. 3 316-320 '61.

Oscillographic polarography. Kinetics of anodic and cathodic polarization for UO_2^{2+} in a perchloric acid solution [with summary in English]. IA. P. Gokhshtein, Gao Tsui-shen. Zhur. fiz. khim. 35 no. 7 1611-1615 Jl '61.

URANYL NITRATE

Absorption of uranyl nitrate from organic solvents with the help of anion exchange resins. V. M. Vdovenko, A. A. Lipovskii, M. G. Kuzina. Radiokhimiia 3 no. 3 365-371 '61.

Determination of free nitric acid in tributyl phosphate solutions of uranyl nitrate [with summary in English]. V. M. Mikhailov. Zhur. anal. khim. 16 no. 4 453-461 Jl-Ag '61.

Effect of temperature on the extraction of uranyl nitrate and tetravalent plutonium with mixed solvents. V. B. Shevchenko, I. A. Fedorov, V. B. Smelov. Radiokhimiia 3 no. 3 256-260 '61.

Extraction of nitric acid and uranyl nitrate with tri-n-nonylamine and tri-n-decylamine benzene solutions. V. M. Vdovenko, M. P. Koval'skaia, E. A. Smirnova. Radiokhimiia 3 no. 4 403-410 '61.

URANYL SULFITE

Crystal hydrates of uranyl sulfite. G. A. Polomnikova, K. F. Kiditmova. Zhur. neorg. khim. 6 no. 7, 1520-1522 Jl '61.

UREA

Economic reasons for rapid increase of output in the production of urea. N. A. Simulin. Khim. prom. no. 6 448-449 Jl '61.

N¹-diaroxyphosphinyl-N² (N³-arylthiocarbamimyl)aralkylamidines [N¹-aryl-N² (N³-dimroxyphosphinylalkanoyl)-thiourea]. G. I. Derkach, V. A. Shokol, A. V. Kirsanov. Zhur. ob. khim. 31 no. 7, 2275-2282 Jl '61.

Reactions of uranyl compounds with thiourea. V. P. Markov, N. N. Knizeva. Zhur. neorg. khim. 6 no. 7 1523-1524 Jl '61.

Solubility isotherm of the system urea - cadmium sulfate - water at 30°. K. Sulaimankulov, I. G. Druzhinina. Zhur. neorg. khim. 6 no. 7:1721-1725 Jl '61.

Synthesis of cyanuric acid from urea. N. I. Malkina, S. N. Kazarnovskii. Zhur. prikl. khim. 34 no. 7 1582-1587 Jl '61.

Synthesis of cyanuric acid from urea. N. I. Malkina. Zhur. prikl. khim. 34 no. 7, 1630-1632 Jl '61.

Using carbamide (urea) for fattening cattle. A. Sokolov, P. Kotov. Miasn. ind. SSSR 32 no. 3:40-41 '61.

UREA—SPECTRA

Substitution in the azotidine ring. Part 12: Cerish S-derivatives of cyclic thioureas and their absorption spectra. N. M. Turkevich, O. F. Limar. Ukr. khim. zhur. 27 no. 4:503-506 '61.

UREA CRYSTALS—SPECTRA

Quadrupole effects in the nuclear resonance spectrum of urea and sodium thiosulfate single crystals. V. S. Grechishkin, N. E. Ainbinder. Fiz. tver. tela 3 no. 6 1821-1826 Je '61.

URETER—TUMORS

Primary neoplasms of the ureter [with summary in English]. A. S. Portnoi. Vop. onk. 5 no. 11:599-604 '59.

URETHANS

Production of linear polyurethane without solvents. Some regularities of the reaction of hexamethylene diisocyanate with 1,4-butanediol in a melt. V. V. Korshak, IU. A. Strepikheev, A. P. Moiseev. Plast. massy no. 7 13-16 '61.

URINARY ORGANS—DISEASES

Karpukhin, V. T. [Urological diseases] Urologicheskie zabolevaniia. Moskva, Medgiz, 1960. 46 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

URINARY ORGANS—RADIOGRAPHY

Pneumopyelography and pneumocystography in the diagnosis of urological diseases N. L Efendiev. Vest rent i rad. 36 no 3 65-66 My-Je '61

URINE—ANALYSIS AND PATHOLOGY

Carbazole method for the quantitative determination of glucuronic acid in urine, I. A. Aksamitnaia, V. V Tatarskii. Lab. delo 7 no. 6 21-24 Je '61

Complexometric determination of calcium in the urine of farm animals, S S Rubinova Biul. nauch -tekh. inform VIZH no 1, 56-58 '58.

Method for determining the amount of vitamin P-active catechins in the urine [with summary in English] E A Kraiko. Vop pit. 20 no 1 57-59 Jl-Ag '61

URINE—INCONTINENCE

Treating nocturnal enuresis with therapeutic hypnosis in the unit, abstract M I Rakhlis. Voen. -med. zhur no. 3 80 Mr '61.

UROLOGY

Alapin, G. IA. [Organization of the work in cystoscopy and a concise methodology for urgological investigations; manual for physicians and students] Organizatsiia raboty v tsistoskopicheskoi i kratkaia metodika urologicheskikh issledovanii, rukovodstvo dlia vrachei i studentov. Khar'kov, 1959. 43 p.
(DNLM)

URSA MAJOR

Perturbations in the system of Ursae Majoris. B. I. Kaminskii, I. Shokomolov. Uch. zap Tadzh. un. 18 44-51 '58.

URUGUAY—TRADE UNIONS

New unified trade-union center in Uruguay. Luigi Grassi Vaem. prof dvizh no. 7:20-23 Jl '61.

USHINSKII, KONSTANTIN DMITRIEVICH, 1824-1870

"Only by character it is possible to form character." Starsh. -serzh no 1:30 Ja '61.

USSURIYSK—POULTRY

Washing the stomachs of poultry in a feather plucking apparatus M. Levtsova Mias. ind. SSSR 32 no 3 40 '61

UST'-KACHKA—MINERAL WATERS

Effectiveness of treating erosion of the cervix uteri with irrigations iodine-bromine water at the Ust'-Kachka Health Resort. A. L Kochurova, P. E. Kulikova, A. V. El'kina Vop kur., fizioter. i lech. fiz. kul't. 26 no. 3: 205-206 My-Je '61

UST'-KAMENOGORSK—THEATER

Their play. M Kon Teatr 22 no. 7:161 Jl '61

UST'-LABINSK DISTRICT—HARVESTING

It's useful to follow the example of advanced collective farms. G. Prikhod'ko, L. Shibakov. Sov. deput. trud. no. 8:29-30 Ag '61.

USTYUG—COMMERCE

"The market of Great Ustyug during the development of an all-Russian market in the 17th century" by A TS Meizon, IU. A Tikhonov. Reviewed by V. A. Aleksandrov Ist SSSR 5 no. 4, 195-199 Jl-Ag '61.

UTERUS

Development of the uterus in the cestode Moniezia expansa (Rud., 1810). E. D. Logachev. Dokl. AN SSSR 139 no. 4:1023-1024 Ag '61

UTERUS—CANCER

Cancer of the cervix uteri in complete prolapse [with summary in English]. I. S. Vasilenko, E. E. Shmeleva Vop. onk. 5 no. 11:005-008 '59

Bydokimov, A. I. [Cancer of the cervix uteri] Rak sheiki matki. Kyiv, Derzhmedvydav URSR, 1959. 54 p.

UTERUS—DISEASES

Effectiveness of treating erosion of the cervix uteri with irrigations iodine-bromine water at the Ust'-Kachka Health Resort. A. L. Kochurova, P. E. Kulikova, A. V. El'kina. Vop. kur., fizioter. i lech. fiz. kul't 26 no. 3: 205-206 My-Je '61.

UTERUS—HEMORRHAGE see Hemorrhage, Uterine

UTERUS—TUMORS

Treatment of fibromyoma of the uterus. A. IA. Markov. Fel'd i akush. 26 no. 7, 33-36 Jl '61

UZBEK ART see Art, Uzbek

UZBEK PHYSICIANS see Physicians, Uzbek

UZBEK POETRY—HISTORY AND CRITICISM—BIBLIOGRAPHY see Bibliography—Uzbek poetry—History and criticism

UZBEKISTAN—CHESS—TOURNAMENTS

Results of a chess tournament. I. Bilbrager. Uzbekiston 20 no 6:28 Je '61

UZBEKISTAN—CHILDREN

Stories about children. Uzbekiston 20 no. 6:24-25 Je '61.

UZBEKISTAN—COST AND STANDARD OF LIVING

Supplement to wages N. Saliev Uzbekiston 20 no. 6:13 Je '61

UZBEKISTAN—COTTON

"Warm snow" by O Romanchenko. Reviewed by A. Zhivova IUn nat no 6 21 Je '61

UZBEKISTAN—COTTON GINS AND GINNING

Some problems in improving the raw material base of the cotton ginning industry I Iskanderov Obshchestv nauki v Uz no 5 3-8 '61

UZBEKISTAN—COTTON GROWING

Duration of the period from seeding till sprouting of cotton as related to the air temperature and soil moisture in the Uzbek S. S R I G Sabinina Meteor. i gidrol no 8 35-38 Ag '61

Iakhakov, IU. I. [Development of cotton growing in Uzbekistan] Razvitie khlopkovodstva v Uzbekistane. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1960. 287 p.
(CU)

New achievements of the cotton growers of Uzbekistan. Blok. agit. [Sov. Armii] no. 21, 21-23 Jl '61.

UZBEKISTAN—DAMS

Placing plastic concrete made with the "FA" monomer to protect hydraulic structures from destruction B. I. Minkevich, V N Fedini Gidr. i mel 13 no. 7 35-39 Jl '61

UZBEKISTAN—ECONOMIC CONDITIONS

For the good of our beloved homeland. Uzbekiston 20 no. 6:2-3 Je '61

UZBEKISTAN—EDUCATION

Marks of the time I. Ermakova Az. i Afr seg no. 7 12-13 Jl '61

UZBEKISTAN—GEOGRAPHY

TSapenko, N. G. [The Uzbek S. S. R.] Uzbekskaia SSR; lektsii, prochitannye v Tashkentskoi Vysshoi partiinoi shkole. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1959. 53 p.
(MH)

UZBEKISTAN—HISTORY—STUDY AND TEACHING

Work of a study group attached to the main library of Tashkent University. G. N. Chabrov. Obshchest nauki v Uz. no. 5 66 '61

UZBEKISTAN—IRRIGATION

Shevchenko, A. I. [Hydrogeological classification of the irrigated areas of Uzbekistan] Gidrogeologicheskaia klassifikatsiia oroshaemykh territorii Uzbekistana. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, 1961. 154 p.

UZBEKISTAN—IRRIGATION FARMING

New method of mechanized watering. B. Nikolaev, Uzbekiston 20 no. 6:17 Je '61.

UZBEKISTAN—LOCAL GOVERNMENT

From the history of the struggle to consolidate rural soviets in the Uzbek S. S R before and during the period of the first five-year plan T. M. Aripov. Obshchestv. nauki v Uz. no. 5 46-49 '61

UZBEKISTAN—PETROLEUM WORKERS—EDUCATION AND TRAINING

Technical School of the Uzbek oil workers Neftianik 6 no. 7:29 Jl '61.

UZBEKISTAN—RETAIL TRADE

Let's fulfill our obligations with honor. A. Sarymsakov. Sov. torg 34 no. 6:7-11 Je '61

UZBEKISTAN—SEISMIC PROSPECTING

Seismic investigations along the regional base profile Amu Darya (Karabekaul) - Nura-Tau (Koytash). B. S. Vol'vovskii, I. S. Vol'vovskii. Izv. AN Turk. SSR. Ser. fiz tekh., khim. i geol. nauk no. 3:28-32 '61.

UZBEKISTAN—SOCIALIST COMPETITION

Uzbekistan workers are preparing for the congress. S. Nuruldinov. Sov. profsoiuzy 17 no. 16:26-29 Ag '61.

UZBEKISTAN—TRADE UNIONS

Uzbekistan workers are preparing for the congress. S. Nuruldinov. Sov. profsoiuzy 17 no. 16:26-29 Ag '61.

UZBEKISTAN—WATER, UNDERGROUND

Shevchenko, A. I. [Hydrogeological classification of the irrigated areas of Uzbekistan] Gidrogeologicheskaia klassifikatsiia oroshaemykh territorii Uzbekistana. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, 1961. 154 p.

UZBEKISTAN—WOMEN—EMPLOYMENT

"Khormang," girl friends! Uzbekiston 20 no. 6:6 Je '61.

UZBEKISTAN—WOMEN IN PUBLIC LIFE

Women in the soviets of Uzbekistan. M. Ibragimova. Sov. deput. trud. no. 8 18-22 Ag '61.

UZHOK REGION—PALEONTOLOGY, STRATIGRAPHIC

Zone with Variamussium fallax Korob in the Paleogene of the Crimean-Carpathian area. B I. Zernetskii, D I. Makarenko. Dokl. AN SSSR 139 no. 4 950-951 Ag '61.

VACATION SCHOOLS

(see also subdivision under Kirlovka)

Useful book ("Kindergarten work in summer" Reviewed by E R. Devitskaia) Doshk vosp 31 no. 7: 117-118 Jl '61

VACATIONS, EMPLOYEE

(see also subdivision under Ukraine)

Compensation for accumulated leave Sel' mekh. no. 7: 26-27 '61

VACCINATION

Organization of vaccination in a pediatric health center is an important measure for reducing infectious diseases in a district. E. IA Iufa, O K Cherkasova Med sestra 20 no 6 48-50 Je '61

Preventive inoculations for children G M. Karikh Fel'd i akush. 26 no 7 53 Jl '61

Role of inoculations in the system of measures against infectious diseases R V. Gordina Fel'd i akush 26 no 6-37-41 Je '61.

VACCINES

Principles and methods in the production of living vaccines. M. I. Sokolov. Trudy Inst. mikrobiol. no. 10: 69-81 '61.

Sokolov, M. I., ed [Prevention of infectious diseases with live vaccines] Profilaktika infektsii zhivymi vaktsinami. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 354 p.
(DNLM)

VACUUM APPARATUS

Akademiia stroitel'stva i arkhitektury SSSR, Institut osnovanii i podzemnykh sooruzhenii. [Instructions for deep vacuum pumping through bores and soil in lowering the water table] Ukazaniia po glubinnomu vakuumirovaniiu skvazhin i grunta pri vodoponizhenii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 41 p.

VACUUM PUMPS

High-vacuum adsorption pump for pumping out hydrogen B. G Lazarev, M F Fedorova. Zhur. tekh. fiz 31 no 7:864-868 Jl '61.

VACUUM TECHNOLOGY

Some parameters of modern vacuum-sealing machines. N. N. Ryndich. Ryb. khoz. 37 no 6:50-53 '61

VAGINITIS IN CATTLE

Properties of polymerized and nonpolymerized oils and their use in veterinary medicine [in Armenian with summary in Russian]. A. R. Arakelov. Izv. Upr sel'khoz. nauki Arm. SSR 1 no. 4 91-98 '61.

VAGUS NERVE

Activity of the deglutition and respiratory centers during excitation of the superior laryngeal and vagus nerves under hyperventilation and exsanguination [with summary in English]. G. IA. Prilma, V. A. Minkina. Fiziol. zhur. 46 no. 3:305-309 Mr '60.

VAGUS NERVE—SURGERY

Atonia of the respiratory center in a frog [with summary in English]. O. P. Minut-Sorokhtina, G. N. Sorokhtin, IU. B. Temper. Fiziol. zhur. 46 no. 3:299-304 Mr '60.

Gertsen, P. A. [Causes of death following bilateral vagotomy in their relation to conditions of survival] Prichiny smerti posle dvustoronnei vagotomii v ikh sviazi s usloviiami vyzhivaniia. Moskva, Medgiz, 1960. 86 p.
(DNLM)

VAKHLIUEV, MIKHAIL IVANOVICH

Love for the people. A. Gaziev Sots. obesp. 22 no. 6: 45-47 Je '61.

VAKHSHSK VALLEY—DIET

Nutrition of collective farmers in the Vakhshsk valley [with summary in English] M. K. Abdurakhmanov Vop. pit. 20 no. 4 32-36 Jl-Ag '61.

VALERIAN

(see also subdivision under Central Black Earth Preserve)

Cats and the valerian. V V Kempinskas. Priroda 50 no. 8:124 Ag '61

Preparation of ether-valerian tincture in large-scale production. L. Konstantinov, D. Kolev. Apt. delo 10 no. 3:86 My-Je '61.

VALINE

Cancerolytic peptides having specific action Report No 2 p-Di-(chloroethyl)amino-D, L-phenylalanyl-D, L-valine K. I. Karpavichus and others Izv. AN SSSR Otd. khim. nauk no 7 1297-1299 Jl '61

VALLA, LORENZO, 1406-1457

Political significance of Lorenzo Valla's treatise "De falso credita et ementita Constantini donatione declamatio," N. V. Reviakina. Vest. Mosk. un. Ser. 9 Ist. 16 no. 4 35-53 Jl-Ag '61

VALLEYS

(see also subdivision under Caucasus)

Laboratory studies on the influence of tectonic movements on river valley formation. N. Makkaveev, N. V. Khmeleva. Izv. AN SSSR Ser. geog. no 4, 110-117 Jl-Ag '61

VALUE

"Utilizing the law of value in collective farm production" by V. G. Venzher. Reviewed by L. Kassirov. Vop. ekon. no. 7 127-133 Jl '61.

VALVES

Improved valve. N. Ogarkov. Strotel' no 6 10 Je '61

VAN ALLEN RADIATION BELTS

Determination of the electron spectrum of the outer radiation belt during the flight of the second cosmic rocket (Sep. 12, 1959). Iu. I. Logachev. Geomag. i aer. 1 no. 1, 30-33 Ja-F '61.

VANADIUM

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut mineral'nogo syr'ia. [Industrial specifications for the quality of raw minerals; a manual for geologists] Trebovaniia promyshlennosti k kachestvu mineral'nogo syr'ia; spravochnik dlia geologov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr. No 63. Liudogovskii, G. I. [Vanadium] Vanadii. Nauchn. red. M. L. Skobnikov. Izd. 2., perer. 1960. 40 p.

VANADIUM—ANALYSIS

Titrimetric method for the determination of microgram quantities of vanadium [with summary in English] T. S. Zhigalkina, A. I. Cherkesov. Zhur. anal. khim. 16 no. 4 505-507 Jl-Ag '61.

VANADIUM COMPOUNDS

Effect of the concentration of potassium and sodium chlorides and sulfates on the rate of vanadium compound electrodeposition. A. S. Goncharenko. Zhur. prikl. khim. 34 no. 7 1515-1519 Jl '61

VANADIUM OXIDE

Effect of potassium sulfate additions on the lability of oxygen in vanadium pentoxide [with summary in English] L. A. Kasatkina, G. K. Boreskov, P. N. Sokolov. Zhur. fiz. khim. 34 no. 2 360-366 F '60

VANILLIN—TOXICOLOGY

Working conditions and their improvement in the guaiacol and vanillin industry. M. M. Ostrovskii. Gig. i san. 26 no. 3 92-94 Mr '61

VAPOR DENSITY

Experimental determination of the vapor density and molecular weights of gasoline B-70 and kerosene T-1. E. A. Balamutova. Trudy MAI no. 132:123-143 '61.

VAPOR-LIQUID EQUILIBRIUM

Mechanism of vaporization and the structure of condensates. G. M. Mertynkevich. Izv. AN SSSR Otd. tekh. no. 3:142-145 My-Je '61

VAPORIZATION, HEAT OF see Heat of vaporization

VARIABLE STARS see Stars, Variable

VARIATION (BIOLOGY)

Biochemical changes associated with oxidation deficiency in staphylococci. G. F. Gauze, G. V. Kochetkova, G. B. Vladimirova. Dokl. AN SSSR 139 no. 1 223-226 Jl '61

Use of physical and chemical factors in the selection of micro-organisms. S. I. Alikhanian. Trudy Inst. mikrobiol. no. 10:46-58 '61.

Variability and selection of commercial Aspergillus niger strains used in the production of acetic acid. E. IA. Shcherbakova. Trudy Inst. mikrobiol. no. 10, 129-137 '61.

Variability of experimentally produced forms of the fungus Aspergillus oryzae. F. S. Tatarenko, I. P. Gerasimova, I. P. Tsitkova. Trudy Inst. mikrobiol. no. 10 112-119 '61

VARNISH AND VARNISHING

Three-head atomizer (from "Industrial Finishing," 36 no. 11, 1960) Der. prom. 10 no. 7:32 Jl '61

VARVAROVKA DISTRICT—ANTIQUITIES

Archaeological studies near the village of Nechayannoye. Zh. V. Valentsionok. Mat. z arkheol. Pivn. Prychor no. 3 153-154 '60

VASES, CHINESE see subdivision under White Russia

VASHKA VALLEY—GEOLOGY, STRATIGRAPHIC

Problematic marker formations from Tartarian deposits of the Mezen' and Vashka Rivers. M. A. Plotnikov. Dokl. AN SSSR 139 no. 4 952-955 Ag '61.

VASIL'EV, SERGEI ALEKSANDROVICH, 1911-

Work of a poet. I. Grinberg. Ogonek 39 no. 29:29 Jl '61

VASYL'KO, VASYL' STEPANOVICH, 1893-

Nedzvedskii, A. V. [Vasyl' Stepanovych Vasyl'ko, People's Actor of the U. S. S. R.] Vasilii Stepanovich Vasil'ko, narodnyi artist SSSR. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1960. 34 p. (Dekada ukrains'koi literatury ta mystetstva) (MH)

VATICAN CITY—DESCRIPTION

In the shadow of the cross. B. Mar'ianov. Volov. ateist no 1 58-60 Ja '61.

VAULTS

Performance of vaults made of heat-resistant concrete under high temperature and loading. V. V. Zhukov. Prom. stroi. 39 no. 5:16-19 '61

VAVILOV, SERGEI IVANOVICH, 1891-1951

Outstanding physicist, dialectician, and materialist [with summary in English, p. 185]. I. V. Kuznetsov. Vop. filos. 15 no. 7:73-87 '61

S. I. Vavilov; sbornik. Moskva, Izd-vo "Znanie," 1961. 43 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 9, Fizika i khimiia, no. 10)

VAYGACH ISLAND—POLYZOA, FOSSIL

Middle Devonian Bryozoa of the western Arctic (Novaya Zemlya and Vaygach Island). L. V. Nekhorosheva. Sbor. st. po paleont. i biostrat. no 19:18-23 '60

VECTOR ANALYSIS

Calculation of the rotation of a completely continuous vector field in the critical case. V. B. Melamed. Sib. mat. zhur. 2 no 3:414-427 My-Je '61.

Gauge invariant formulation of neutral vector field theory [with summary in English]. V. I. Ogievetskii, I. V. Polubarinov. Zhur. eksp. i teor. fiz. 41 no. 1 247-255 Jl '61

Lorentz transformations of the pseudovector of polarization of an electron beam. Iu. S. Perov. Izv. vys. ucheb. zav., fiz. no 2, 175 '61.

Vector sets and submanifolds in the theory of paired complexes in P_3. E. T. Ivlev. Dokl. AN SSSR 139 no. 3: 538-540 Jl '61.

VEGETABLE GARDENING

(see also subdivision under Donets Basin)

Brizgalov, V. A., ed. [Handbook for the agronomist specializing in vegetable growing] Spravochnik agronoma-ovoshchevoda. Izd. 4., perer. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 912 p. (DA)

Khludenev, A. I. [Organizing and establishing norms for mechanized operations in vegetable growing] Organizatsiia i normirovanie mekhanizirovannykh rabot v ovoshchevodstve. Moskva, Gos. izd-vo sel'skokhoz. lit-ry, 1960. 199 p. (DA)

[Recent developments in vegetable growing] Novoe v ovoshchevodstve. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 118 p. (DA)

VEGETABLE HYBRIDIZATION see Hybridization, Vegetable

VEGETABLE TRADE see subdivision under Moscow

VEGETABLES

(see also subdivision under Tajikistan)

Pectase and polygalacturonase in some vegetables and fruits [with summary in English] O. A. Konovalova. Vop. pit. 20 no. 1 48-52 Jl-Ag '61.

VEGETABLES—DRYING

Change in the moisture content of vegetable taking place during the frying process. A. N. Mal'tskii. Izv. vys. ucheb. zav., pishch. tekh. no 2:115-122 '60

For the astronauts too... N. Titov. Ogonek 39 no 23:15 Je '61

VEGETABLES—PRESERVATION

Usatiuk, M. K. [Manual for fruit and vegetable growers, salting, fermenting, pickling and other methods of processing vegetables, fruits, and mushrooms] Spravochnik plodoovoshchnika; po vopросам solenia, kvashenia, marinovania i drugikh vidov pererabotki ovoshchei, plodov i gribov. Moskva, Gos. izd-vo torg. lit-ry, 1961. 214 p.

VEHICLES, MILITARY

Soviet soldiers make their contributions for the party congress. Blok. agit. [Sov. Armii] no. 21 13-16 N '61.

VELIGURA, DMITRII MARKOVICH, 1867-1961

Dmitrii Markovich Veligura. Ogneupory 26 no 7:314 '61.

VELIKIY USTYUG—DESCRIPTION

Batakov, N. [Velikiy Ustyug] Velikii Ustiug. [Vologda] Vologodskoe knizhnoe izd-vo, 1960. 133 p. (WU)

VEL'YAMINOVO—COOPERATIVE SOCIETIES

Business approach. I. Gulin. Sov. potrebkoop. 5 no. 7:7-9 Jl '61

VENEERS AND VENEERING

Improving the quality of veneer made from edgewise glued veneer sheet pieces. A. S. Kostylev. Der. prom. 10 no. 6, 9-10 Je '61

Surface staining of larch veneer. V. F. Fonkin, T. V. Mal'chuk. Der. prom. 10 no 6, 8 Je '61

VENEREAL DISEASES

Artem'ev, S. A. [Four venereal diseases] Bolezni venericheskikh boleznei. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 32 p. (Nauchno-popularnaia meditsinskaia literatura) (DNLM)

VENEZUELA—HISTORY—BIBLIOGRAPHY

New studies on the history of Venezuela. I. R. Lavretskii. Vop. ist. no 8 175-178 Ag '61

VENTILATION

Arkhipov, G. V. [Automatic control of ventilation and air conditioning; essential engineering circuits of automatic control systems] Avtomaticheskoe regulirovanie ventilatsii i konditsionirovaniia vozdukha.; printsipial'nye tekhnologicheskie skhemy sistem avtomaticheskogo regulirovaniia. Moskva, Gos. energ. izd-vo, 1961. 175 p. (Biblioteka po avtomatike, no. 26)

Coefficients of local resistances in normalized ventilation T-pipes under conditions of forced ventilation. I. B. Uspenskaia. Vod. i san. tekh. no. 3:30-32 Mr '61

Make efficient use of mechanical ventilating installations. V. Ukolov. Muk.-elev. prom. 27 no 7 25-26 Jl '61

Minsk, Belorusskii politekhnicheskii institut. Kafedra "Teplogazosnabzhenie i ventilatsiia." [Laboratory praktikum po otopleniiu, ventilatsii i gazosnabzheniiu. Pod obshchei red. E. Kh. Odel'skogo i A. K. Andreevskogo. Minsk, Redaktsionno-izdatel'skii otdel BPI, 1960. 143 p.

Temperature conversion in model studies of room ventilation. L. I. Ginzburg. Vod. i san. tekh. no. 7:7-8 Jl '61

VENUS (PLANET)

Observations of Venus in 1959. V. A. Bykova, V. K. Fanina. Biul. VAGO no. 29:41-43 '61.

Radio location of Venus. Kul't. i zhizn' 5 no 7, 36 '61

VENUS PROBES

Clearing the way to Venus.... V. Komarov. Semlia i shkola 10 no 5:13-15 My '61

VERKHOYANSK REGION—CURLEWS

Eskimo curlew (Numenius borealis minutus Gould) in the Verkhoyansk region. Iu. V. Labutin. Ornitologiia no. 3 111-114 '59.

VERKHOYANSK REGION—METAMORPHISM (GEOLOGY)

Correlating zones of regional epigenesis and metagenesis in terrigenous and volcanic rocks. A. G. Kossovskaia, V. D. Shutov. Dokl. AN SSSR 139 no. 3:677-680 Jl '61

VERNE, JULES, 1828-1905

Andreev, K. K. [The three lives of Jules Verne] Tri zhizni Zhiulia Verna. [Izd. 3. Moskva] "Molodaia gvardiia" [1960] 302 p. (Zhizn' zamechatel'nykh liudei. Seriia biografii. no. 4(294)) (KU)

VERTEBRAE, CERVICAL
Concerning the specific features of the seventh cervical vertebra in Elasmotherium sibiricum Fish. B.S. Kozhamkulova. Mat. po ist. fauny i flory Kazakh. 3 53-57 '61.

VERTEBRATES, FOSSIL see subdivision under Pavlodar region

VESELOVSKOYE RESERVOIR—FISHERIES
Veselovskoye Reservoir. V.M. Kruglova, E.A. Berval'd Izv. VNIORKH 50 167-182 '61

VESELYY DISTRICT—RICE—IRRIGATION
Level and salt concentration variation of ground water in rice fields and adjacent areas. Z.E. Veropaeva Sbor. trud. IUzhNIIGiM no. 6:255-262 '58.
Reducing the filtration from rice checks by water retention in the escape canals within the checks. V.N. Laptev Sbor. trud IUzhNIIGiM no. 6:251-254 '58

VETCH
Mitrofanov, A.S., and M.M. Rozhkov. [Spring and winter vetch] Vika; iarovaia i ozimaia. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 101 p. (DA)

VETERINARY ANESTHESIOLOGY
Hexenal, an alkaloidal narcosis for cattle [in Armenian with summary in Russian]. G.P. Markarian. Izv. Upr. sel'khoz nauki Arm. SSR 4 no. 1 99-102 '61.

VETERINARY MEDICINE see subdivision under Krasnodar Territory

VETERINARY PHYSIOLOGY
Increasing the natural resistance in animals. A.N. Mochalovskii. Agrobiologiia no. 4:561-565 Jl-Ag '61.

VETERINARY RESEARCH
Conference on the methods of research in veterinary medicine G. Vasil'kov. Vest. sel'khoz nauki 6 no 7:141-142 Jl '61.

VETRINO—EDUCATION—EXPERIMENTAL METHODS
We extend our contacts with life. B. IArotskii. Nar. asv. no 5 25-31 My '61

VIADUCTS see subdivision under Durance Valley, France

VIBRATED CONCRETE
(see also subdivision under Moscow)
Compacting concrete mixes in molds by vibration. N.F. Kvasov. Mekh. stroi. 18 no. 5:14-16 My '61
Molding articles by vibration stamping. O.A. Savinov and others Stroi. i arkhit Len. 23 no. 7:21-22 Jl '61.

VIBRATION
Steady oscillations in an unbounded slab lying on an elastoviscous semispace or a semispace with an elastic aftereffect. N.A. Nikolaenko. Trudy MHIGS no. 8, 129-139 '58.
Using a method of distributing unbalanced moments in a determining the frequency of natural vibrations by an approximation method. S.A. Dobrodeev. Trudy Ural. politekh. inst. no. 110:94-105 '61.

VIBRATION—MEASUREMENT
Condenser vibration-measuring apparatus for testing piezoelectric emitters and receivers in seismic modeling V.P. Telezhenko, Z.A. Zuev. Trudy SNIIGGIMS no. 9 136-141 '60

VIBRATION—PHYSIOLOGICAL EFFECT
Let's say a decisive "no!" to vibration diseases. Z. Bazhanova. Okhr. truda i sots strakh. 4 no. 7:11-13 Jl '61.
Studying the effect of automobile vibrations on the human organism. Avt. transp 39 no. 6:59 Je '61.

VIBRATORS
Hydraulic and electrohydraulic vibrators used for technical purposes in the manufacture of machinery V.N. Baranov, IU. L. Zakharov. Izv. vys. ucheb zav., mashinostr no 6:39-51 '61.
Mozniker, R.A. [Study of vibration testing units with electromagnetic oscillators] Doslidzhennia vibratsiinykh vyprobuval'nykh ustanovok z elektromagnitnymy zbudnykamy. Kyiv, Vyd-vo Akad. nauk URSR, 1960. 174 p.
Turbine vibrator and vibration hammer. F.F. Voskresenskii. Transp. stroi. 11 no 7:28-30 Jl '61.
"Vibration method of sinking piles and its use in construction" by O.A. Savinov, A. IA. Luskin. Reviewed by A.S. Golovachev. Osn., fund. i mekh. grun. 3 no. 3, 31 '61.
Vibrators for unloading sugar beets from freight cars V.I. Kruglovenko. Sakh. prom. 35 no 7 45-46 Jl '60.

VIDEO TAPE RECORDERS AND RECORDING
New methods of recording moving images. IU. A. Vasilovskii. Tekh. kino i telev. 5 no. 6:54-61 Je '61.
"TPR" - thermoplastic recording. Nauka i zhizn' 28 no. 6:34-35 Je '61.

VIETNAM, NORTH
Two errors. Nov. vrem. 10 no. 28:1-2 Jl '61.

VIETNAM, NORTH—APPELLATE COURTS
The Supreme People's Court, the highest judicial body of the Democratic Republic of Vietnam. V. Kolesnikov. Biul. Verkh. Suda no. 3:36-40 '61.

VIETNAM, NORTH—COOPERATIVE SOCIETIES
Development of the producers' and consumers' cooperative societies of Vietnam Bui Bao Van Sov. potreb. koop. 5 no 7 52-54 Jl '61

VIETNAM, NORTH—STONE IMPLEMENTS
Discovery of chipped stone implements of the lower paleolithic period in the Democratic Republic of Vietnam Phan-gia-Bèn Vop ist. no. 7:201-202 Jl '61

VIETNAM, SOUTH—POLITICS AND GOVERNMENT
Manifesto of the South Vietnam National Liberation Front. Az. i Afr. seg. no. 4:63-64 Ap '61.
The situation in South Vietnam. Mezhdunar. zhizn' 6 no 8,142-143 Ag '61

VIETNAMESE LANGUAGE—WORDS
Syntactical usage of onomatopoetic words in the classical Vietnamese language [with summary in English]. N.V. Stankevich Vest. LGU 16 no. 14:163-166 '61

VIEWS see subdivision under Leningrad

VIKTOR, Metropolitan of Krasnodar and Kuban
Decree to the Most Eminent Viktor, Archbishop of Krasnodar and Kuban Zhur Mosk Patr. no 7-5 Jl '61.

VIL'CHA (GOMEL PROVINCE)—COOPERATIVE SOCIETIES
Our editor has received a letter S. Zharkov Sov potreb koop. 5 no. 8,19-21 Ag '61

VILLAGES see subdivision under Georgia, Kuybyshev Province

VILNIUS—RADIOLOGICAL SOCIETIES
Report on the activity of the Vilnius Society of Roentgenologists and Radiologists in 1960. V.IU Kvotov, A.S Bartusiavičenes. Vest. rent. i rad. 36 no. 3 75 My-Je '61.

VILYUY VALLEY—ROCKS, IGNEOUS
Find of alkali pyroclastic rocks in the Vilyuy River Basin. N.A Solov'eva, N.G Nikanorov. Trudy VAGT no. 7 130-132 '61.

VINE CROPS—DISEASE AND PEST RESISTANCE
Specialization of Pseudomonas lachrymans (Sm. et Bryan) Carsner producing cucumber bacteriosis [with summary in English]. M.V. Gorlenko, L.N. Bushkova. Biul. MOIP. Otd. biol. 66 no. 4:93-101 Jl-Ag '61.

VINES see Climbing plants

VINNITSA PROVINCE—LANGUAGES—STUDY AND TEACHING
Discussion of the methodology of teaching foreign languages at the province pedagogical conference on theory and practice. P. I. Dytiuk. Inostr. iaz. v shkole no 2: 125-127 Mr-Ap '61.

VINYL ACETATE
Increase in the production of polyvinyl acetate emulsion. A.K. Oganesian, G.M. Khachatarian. Prom. energ. 16 no. 5:14 My '61.

VINYL ALCOHOL POLYMERS
Continuous method of producing poly (vinyl alcohol). V.N. Stepchenko, A.N. Levin Plast. massy no. 8:52-57 '61
Two-phase gels of iodopolyvinyl alcohol. S.N. Ushakov. Dokl. AN SSSR 139 no. 1:100-102 Jl '61.

VINYL COMPOUND POLYMERS
Peresters as initiators of the polymerization of vinyl compounds. G.A. Nosaev, R.N. Stepanova, O.P. Samarina Plast. massy. no. 7:8-12 '61.

VINYL COMPOUNDS
Vinyl compounds in diene synthesis. Part 7: Diene synthesis of vinyl ethers and thioethers with 2, 3-dimethyl-1, 3-butadiene. M.F. Shostakovskii, A.V. Bogdanova, A.N. Volkov. Zhur. ob. khim. 31 no. 7:2096-2100 Jl '61.

VINYLSULFOFLUORIDE
Carbochain polymers and copolymers. Part 30: Copolymerization of vinylsulfofluoride [with summary in English]. E.F. Rodionova and others. Vysokom. soed. 3 no. 3:456-458 Mr '61.

VIOLAXANTHIN
Incorporation of O^{18} from heavy oxygen water into violaxanthin due to the action of light on plants. D.I. Sapozhnikov and others. Bot. zhur. 46 no. 5:673-676 My '61.

VIRGIN TERRITORY—AERONAUTICS IN AGRICULTURE
Virgin land workers thank air pilots. G. Grigor'ev. Grazhd. av. 18 no. 6:22-23 Je '61.

VIRGIN TERRITORY—AGRICULTURE
Propaganda and the introduction of progressive experience F. Dorinovskii. Part. zhizn' no 15/16 128-131 Ag '61

VIRGIN TERRITORY—APARTMENT HOUSES
Virgin Territory dwellers need comfortable, beautiful houses Stroi. bud 11 no. 6 15-16 Je '61

VIRGIN TERRITORY—BUILDING MATERIALS INDUSTRY
For construction in the Virgin Territory. Stroi. mat. 7 no 7:27 Jl '61

VIRGIN TERRITORY—CULTURE
Let's open virgin territory to art! O Afanas'ev and others Smena 36 no 12 22-23 Je '61

VIRGIN TERRITORY—DEPARTMENT STORES
Instructive seminar. G. Terekhov. Sov. potreb. koop 5 no 6:28-29 Je '61.

VIRGIN TERRITORY—DUCKS
We shall exploit our lakes and reservoirs. A. Pak. Part. zhizn' Kazakh. 31 no. 7 52-54 Jl '61.

VIRGIN TERRITORY—FARM MECHANIZATION
Members of the All-Union Volunteer Society for Assistance to the Army, Air Force and Navy help in the assault of virgin lands. S.B Niiazbekov Za rul. 19 no. 4:4-5 Ap '61

VIRGIN TERRITORY—GRAIN—TRANSPORTATION
Kustanai Division prepares for the transportation of the Virgin Territory crops B.I Rubinshtein Zhel dor transp. 43 no. 6 13-17 Je '61

VIRGIN TERRITORY—REINFORCED CONCRETE CONSTRUCTION
Helping the Virgin Territory. Stroi. i arkhit. Mosk. 16 no. 5:3 of cover My '61.

VIRGIN TERRITORY—SWINE—FEEDING AND FEEDS
When a Communist assumes responsibility. F. Mironov. Part. zhizn' Kazakh. 31 no. 7 55-56 Jl '61.

VIRGIN TERRITORY—THEATER
Fellow countrymen of the virgin lands M. Miringof. Ogonek 39 no 23 21 Je '61
On a long march. M. TSarev. Ogonek 39 no. 28:6 Jl '61

VIRGIN TERRITORY—WATER-SUPPLY ENGINEERING
Building a water supply system in the Virgin Territory. Stroi. truboprov. 6 no. 6 1 Je '61.

VIRUS DISEASES
Prospects for chemotherapy in virus diseases. Vop virus. 6 no. 5,634-635 S-O '60.

VIRUSES
Apparatus for the ovoscopy of chick embryos under field conditions. N.D. Alekseenko. Vop virus 6 no 5 627-628 S-O '60
Attempt to demask Rous virus in mammal tissues [with summary in English]. I.N. Krukova. Vop. virus. 7 no. 3, 313-317 My-Je '61.
Comparative evaluation of various methods for the indication of a phage aerosol [with summary in English]. L.V. Grigor'eva. Vop. virus. 6 no 5:618-621 S-O '60
Cultivation of HeLa cells on nutrient media with hydrolysates of human and equine albumins of blood serum. O.S. Gudima, N.A. Kolesnikova, L.N. Shoshiev. Vop. virus. 7 no. 3:375-380 My-Je '61.
Detection of the virus isolated from patients with rheumatic fever in a culture of fibroblasts with the aid of labelled fluorescent serum [with summary in English]. S.P. Shurin, V.E. IAvorovskaia, V.P. Lozovoi. Vop. virus. 7 no. 3:273-276 My-Je '61.
Distribution of the virus isolated from patients with rheumatic fever in the body of the experimentally infected animal [with summary in English]. O.I. Pirogova, Vop. virus. 7 no. 3:280-283 My-Je '61.
Effect of a water-soluble extract of royal jelly from the honeybee on various viruses [with summary in English] A. Derevici, A. Petrescu. Vop. virus. 6 no. 5:611-614 S-O '60.
Effect of antibodies and temperature of the dynamics of virus infections of cells in tissue culture [with summary in English]. B. Rotzman, T.B Terner. Vop. virus. 6 no. 5:548-550 S-O '60.
Effect of nonspecific stimuli of the chorioallantoic membrane on the results of the complement fixation reaction [with summary in English]. Z.I. Merekalova, F.I Leikina. Vop. virus. 7 no. 3:360-363 My-Je '61.
Fluorescence microscopic study of changes in the cultures of amniotic cells infected by the poliomyelitis virus N.A. Maksimovich, N.F. Golub, V.M. Borodai Dokl. AN SSSR 139 no. 2:467-469 Jl '61
Further observations on rabbit fibromatosis induced by Rous virus [with summary in English]. I.N. Krukova. Vop. virus. 7 no. 3:317-321 My-Je '61.
Morphology of the polyhedral virus of the wax moth (Galleria mellonella L.) O.I. Shvetsova Dokl. AN SSSR 139 no. 2:481-482 Jl '61.

VIRUSES (Continued)

New method of infecting developing chick embryos on chorioallantoid membrane. P. A. Glushchenko. Vop. virus. 6 no. 5 526-527 S-O '60

Pathogenesis of cell affection by the virus isolated from patients with rheumatic fever [with summary in English] S. P. Shurin. Vop. virus. 7 no. 3, 277-280 My-Je '61.

Role of filterable viruses in the etiology of rheumatic fever [with summary in English] N. N. Vorob'eva, G. D. Zalesskii. Vop. virus. 7 no. 3 268-273 My-Je '61.

Use of the tissue culture method in the study of rheumatic fever [with summary in English]. T. A. Rubina. Vop. virus. 7 no. 3 284-285 My-Je '61.

The viral concept of cancer etiology. H. Koprowski. Vop. virus. 7 no. 3 259-261 My-Je '61.

VISCERA

Variability of internal organs in the silver fox (Vulpes fulvus Desm.) [with summary in English] K. IA. Fateev, M. V. Khromova, L. S. Tuzova. Zool. zhur. 40 no. 7 1090-1098 Jl '61.

VISCOSIMETER

Torsion pendulum viscosimeter with automatic reading [with summary in English] M. M. Vetiukov and others. Zhur. fiz. khim. 34 no. 2 470-472 F '60.

VISCOSIMETRY

Investigating the viscosity of synthetic and natural slags from the silicon-chromium production. N. L. Zhilo. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 3:17-24 My-Je '61.

Viscosity of molten calcium oxide - silica - calcium sulfide. A. S. Panov, I. S. Kulikov, L. M. TSylev. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 3:25-30 My-Je '61.

VISCOSITY

Viscosity of gasoline B-70, kerosene T-1, and fuel T-5 at low temperatures. N. I. Kopylov, E. P. Sirotina. Trudy MAI. no. 132 58-62 '61.

Viscosity of gasoline B-70, kerosene T-1, and fuel T-5 in liquid and gaseous phases at elevated temperatures. N. I. Kopylov. Trudy MAI. no. 132 45-57 '61.

VISHNEVAYA MOUNTAIN—AMPHIBOLITE

Amphibolites of Vishnevaya Mountain. E. S. Dobrokhotova. Biul. MOIP. Otd. geol. 36 no. 2 128 Mr-Ap '61.

VISTULA VALLEY—SULFUR MINES AND MINING

The Vistula is going to change its course (from "Ezhenedel'noe obozrenie Pol'skogo agentstva pechati," no. 5, 1961). Priroda. 50 no. 8, 49 Ag '61.

VITAMIN THERAPY

Role of vitamins in obstetrics and gynecology [with summary in English] R. L. Shub. Sov. zdrav. 20 no. 6 22-25 '61.

Vsesoiuznoe soveshchanie po vitaminam, 4th, Moscow. [Current information on the therapeutic use of vitamins] Sovremennye dannye po lechebnomu primeneniiu vitaminov. Pod red. V. V. Efremova. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 278 p. (DNLM)

VITAMINS

Food vitaminization for the population as a basic problem in present-day practical vitaminology. S. N. Matsko. Biul. MOIP. Otd. biol. 66 no. 4 134-139 Jl-Ag '61.

Interrelation between the amount of some trace elements and vitamins in food products. V. P. Kamchatnov. Vop. pit. 20 no. 4 74-75 Jl-Ag '61.

Kazanskaia, L. N. [Role played by vitamins in increasing the food value of bakery and confectionery products; transcript of a report presented at the Leningrad Center for Scientific and Technical Propaganda at a seminar of baking industry workers] Znachenie vitaminov v povyshenii pishchevoi tsennosti khlebobulochnykh i konditerskikh izdelii, stenogramma doklada, prochitannogo v LDNTP na seminare *rabotnikov khlebopekarnoi* promyshlennosti. Pod red. I. N. Vol'pera. Leningrad, Leningr. Dom nauchno-tekhn. propagandy, 1961. 35 p.

Role of prophylactic additions of vitamins to food in the decrease of morbidity. A. S. Temper and others. Voen.-med. zhur. no. 3:49-51 Mr '61.

Study of the metabolism of vitamins in workers in the hot shop of a metallurgical factory [with summary in English]. E. M. Maslenkova and others. Vop. pit. 19 no. 2 3-9 Mr-Ap '60.

VITAMINS—A

Effectiveness of feeding chickens with hay meal, silage, and grass preserved with the vitamin A-rich AAZ solution [with summary in German] E. F. Laguta. Biul. nauch.-tekh. inform. VIZH no. 2:95-101 '59.

Natanson, A. O. [Vitamin A and vitamin A insufficiency] Vitamin A i A-vitaminnaia nedostatochnost'. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 277 p.

Significance of vitamin A in the reproductive functions of cows. M. M. Tiupich. Biul. nauch.-tekh. inform. VIZH no. 1:35-39 '58.

Vitamin A value of feeds produced in Orenburg Province. S. G. Leushin. Biul. nauch.-tekh. inform. VIZH no. 1:31-34 '58.

VITAMINS—B1 see Thiamine

VITAMINS—B12 see Cyanocobalamine

VITAMINS—C see Ascorbic acid

VITAMINS—K

Relation between antibiotics of the tetracycline series and antagonists of vitamin K. V. K. Plakunov. Dokl. AN SSSR. 139 no. 1:214-216 Jl '61.

VITEBSK—CONSTRUCTION WORKERS

Concern for workers' recreation and health. Stroitel' no. 2 15-17 F '61.

VITEBSK—MACHINE-TOOL INDUSTRY

Source of the creative initiative. A. S. Lernet. Mashinostroitel' no. 7 41 '61.

VITEBSK—REINFORCED CONCRETE

Production output has increased fourfold. Stroitel' no. 2 14-15 F '61.

VITEBSK GOVERNMENT—PEASANT UPRISINGS

How the emancipated serfs of the Vitebsk Government tried to preclude the carrying out of the "Regulations" of February 19, 1861. A. P. Karatkevich. Vestsi AN BSSR. Ser. hram. nav. no. 2 54-66 '61.

VITICULTURE

(see also subdivision under Caucasus, Northern; Soviet Central Asia)

Kazadzhi, G. M. [Grapes on the walls and on fences] Vinograd u sten zdanii i ograd. Kishinev, Gos. izd-vo "Kartia moldoveniaske," 1961. 54 p. (DA)

Pinching back grapevines is an important measure in increasing the productivity of vineyards [in Armenian with summary in Russian]. A. I. Gukasov. Izv. Upr. sel'khoz. nauki Arm. SSR. 4 no. 2 19-28 '61.

VITKA, VASIL', pseud. see Krys'ko, TSimokh, 1911

VITREOUS HUMOR—TRANSPLANTATION

Transplantation of the vitreous body from a corpse in some eye diseases [with summary in English] V. S. Anikina, P. S. Kaplunovich. Oft. zhur. 16 no. 4 204-208 '61.

VITVER, IVAN ALEKSANDROVICH, 1890-

Ivan Aleksandrovich Vitver's 70th birthday. N. N. Baranskii, I. M. Maergoiz. Vop. geog. no. 53:3-6 '61.

On Ivan Aleksandrovich Vitver's 70th birthday. L. I. Bonifat'eva. Izv. Vses. geog. ob-va. 93 no. 4:344-345 Jl-Ag '61.

VITVER, IVAN ALEKSANDROVICH, 1890—BIBLIOGRAPHY see Bibliography—Vitver, Ivan Aleksandrovich, 1890-

VLADIMIR—AERIAL SPORTS

With cooperation one can move mountains. S. Ignat'ev. Kryl. rod. 12 no. 4 5-6 Ap '61.

VLADIMIR—FACTORY LIBRARIES

Over an open book. Sov. profsoiuzy. 17 no. 15:23-24 Ag '61.

VLADIMIR—VOCATIONAL EDUCATION

Foremen, school graduates. M. Kondyrev. Prof.-tekh. obr. 18 no. 6 24-25 Je '61.

VLADIMIR PROVINCE—BUILDING

Repair and supply stations actively carry on rural construction. P. Lipkin. Sel'. stroi. 16 no. 6:7-8 Je '61.

VLADIMIR PROVINCE—DESCRIPTION AND TRAVEL

The land of Vladimir is old but also young. Andrei Aidan-Semenov. Sov. profsoiuzy. 17 no. 15:21-22 Ag '61.

VLADIMIR PROVINCE—KINDERGARTEN

In kindergartens of Vladimir Province. L. A. Balykbaeva. Doshk. vosp. 34 no. 7 11-12 Jl '61.

VLADIMIR PROVINCE—PUBLIC HEALTH

Execution of the decree of the Central Committee of the CPSU and of the Council of Ministers of the U. S. S. R. "On measures for the further improvement of medical care and the protection of public health in the U.S.S.R." in Vladimir Province. N. A. Kuznetsov. Zdrav. Ros. Feder. 5 no. 7:8-13 Jl '61.

VLADIMIR PROVINCE—RURAL ELECTRIFICATION

Let's fulfill the seven-year plan ahead of time. I. Sokolov. Sel'. stroi. 16 no. 6:24-26 Je '61.

VLADIMIR PROVINCE—TEXTILE INDUSTRY

Vladimir Province textile workers are reaching the goals set for 1965. A. I. Gorshkov. Tekst. prom. 21 no. 4: 90 Ap '61.

VLADIVOSTOK—BUILDING

Preparatory operations. L. Pikman. Zhil. stroi. no. 6: 19 Je '61.

VLADIVOSTOK—BUILDING MATERIALS

Construction industry base in Vladivostok. M. IAkhontov. Zhil. stroi. no. 6:10-12 Je '61.

VLADIVOSTOK—CONCRETE PLANTS

Large-panel housing construction combine in Vladivostok. E. E. IAkobson. Bet. i zhel.-bet. no. 6:244-246 Je '61.

VLADIVOSTOK—CONSTRUCTION INDUSTRY

Greater Vladivostok. G. Klochkov, M. Smirnov. Zhil. stroi. no. 6:8-9 Je '61.

VLADIVOSTOK—SAND—DRYING

Mechanizing the drying of sand. N. Chuiko. Zhil.-kommunal. khoz. 11 no. 6 12-13 Je '61.

VNUKOVO—AIRPORTS

A great day at the Vnukovo Airport. Grazhd. av. 14 no. 6 1, 15, 18 Je '61.

VNUKOVO—REFRACTORIES INDUSTRY

Strange neighbors. N. Lubavin, F. Kozyrev. Sov. profsoiuzy. 17 no. 14 24 Jl '61.

VOCATIONAL EDUCATION

(see also subdivision under Czechoslovakia; Irkutsk Province; Kazakhstan; Perm Province; Soviet Central Asia, Tatar A. S. S. R.; Ukraine; Vladimir)

Against stereotypes in educational work. A. Alekseev. Prof.-tekh. obr. 18 no. 6:22-23 Je '61.

At the Main Administration of the Vocational and Technical Education attached to Council of Ministers of the R. S. F. S. R. Prof.-tekh. obr. 18 no. 7, 20 Jl '61.

Correlation of the manual and industrial training of students. P. Stanuki. Nar. obr. no. 5 57-60 My '61.

Exhibits relate ... B. Voronov, V. Kostromtsev. Prof.-tekh. obr. 18 no. 7 31-32 Jl '61.

From the mouth of babes. M. Kachurin. Shkola-tot no. 2 31-36 Mr-Ap '61.

From the pages of foreign newspapers and periodicals [A. Ginevskii]. Shkola i proizv. 5 no. 7 39-40 Jl '61.

General technical subjects in secondary schools with production instruction. I. M. Zaretskii. Sov. pedag. 25 no. 6:136-139 Je '61.

How to improve the training of machine operators. Prof.-tekh. obr. 18 no. 6 10 Je '61.

Our school brigade. I. Savvateev. Nar. obr. no. 8 21 Ag '61.

Practical lessons as a basis for developing a skill. A. Vaninskaia. Prof.-tekh. obr. 18 no. 6 8-9 Je '61.

Production instruction in student brigades. S. I. Gorelavskii. Shkola i proizv. 5 no. 7:19-21 Jl '61.

Production instruction of students at a plant manufacturing electric meters. N. A. Istoshin, V. I. Ivanin. Shkola i proizv. 5 no. 7 41-44 Jl '61.

Standard statute on vocational and technical schools and the reorganization of vocational schools. A. Vasil'ianov. Prof.-tekh. obr. 18 no. 6, 1-3 Je '61.

Training students in several related trades. B. B. Gel'burt. Shkola i proizv. 5 no. 7:12-14 Jl '61.

Who graduates from industrial technical schools? G. Lesment. Prof.-tekh. obr. 18 no. 6 26 Je '61.

VOCATIONAL EDUCATION—AUDIO-VISUAL AIDS

Let's have more visual aids. B. Omel'ianenko. Prof.-tekh. obr. 18 no. 6:30 Je '61.

VOCATIONAL EDUCATION—BIBLIOGRAPHY see Bibliography—Vocational education

VOCATIONAL EDUCATION—CONGRESSES see subdivision under Kazakhstan

VOCATIONAL GUIDANCE

Education—ten grades, vocation—workman. I. Dolmatovskii. Smena. 36 no. 11, 1 Je '61.

VOGUL LANGUAGE

Balandin, A. N. [Basic rules for the pronunciation and spelling of the Mansi language] Osnovnye pravila proiznosheniia i pravopisaniia mansiiskogo iazyka. Leningrad, Uchpedgiz, 1959. 119 p. (MH)

VOLCANIC ASH, TUFF, ETC.

(see also subdivision under Armenia, Syr'yany region)

Tuff karst in the basin of the Lower Tunguska River. A. G. Zolotarev. Trudy Irk. un. 24 37-41 '58.

VOLCANOES see subdivision under Mount Valley; Siberian Platform

VOL'F, KASPAR FRIEDRICH, 1733-1794

Galsinovich, A. E. [K. V. Vol'f and his teaching on the development of organisms; in connection with the general evolution of the scientific outlook] K. F. Vol'f i uchenie o razvitii organizmov v sviazi s obshchei evoliutsiei nauchnogo mirovozzreniia. Moskva, Izd-vo Akad. nauk SSSR, 1961. 548 p.

VOLGA HYDROELECTRIC POWER STATION—CONCRETE CONSTRUCTION—COLD WEATHER CONDITIONS

Studies of the temperature cycle and thermal stress condition of hydraulic structure blocks concreted in winter using a circumferential electric heater. M. M. Grishin, V. V. Orekhov, B. I. Komzin. Sbor. trud. MISI no. 32 39-49 '61.

VOLGA RESERVOIR—FISHERIES

Ivan'kovo Reservoir. L. I. Denisov, E. V. Meisner, Izv. VNIORKH 50:19-30 '61

VOLGA RIVER—BATHING BEACHES

Near the water and without water. O. Shmelev and others. Ogonek 39 no. 28:26-27 Jl '61

VOLGA RIVER—HYDROLOGY

Numerical prediction of water level in the Volga River below the Stalingrad Hydroelectric Station by the electrical analog method. A. G. Levin, A. P. Zhdrikov. Meteor. i gidrol. no. 8:36-41 Ag '61

VOLGA-URAL REGION—GEOLOGY, STRATIGRAPHIC

Lower boundary of the Kungur stage in the Kuybyshev area of the trans-Volga region and the central part of the Ural Mountain region. F. F. Rybakov, A. I. Savina. Dokl. AN SSSR 139 no. 1:688-691 Jl '61

VOLGA-URAL REGION—PALEOBOTANY

Protoleiosphaeridium sorediforme Tim. and Pr. conglutinatum Tim. from petroleums and rocks of the Volga-Ural region. A. M. Medvedeva, I. K. Chepikova. Dokl. AN SSSR 139 no. 2:461-464 Jl '61

VOLGA VALLEY—AFFORESTATION

Afforestation of the "Mozolevskii" gully. E. P. Dik. Les. khoz. 14 no. 7:36-39 Jl '61

VOLGA VALLEY—AGRICULTURE

Vsesoiuznaia akademiia sel'skokhoziaistvennykh nauk imeni V. I. Lenina. [Farming system in the Southeast] Sistema vedeniia sel'skogo khoziaistva na IUgo-Vostoke. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 428 p. (DA)

VOLGA VALLEY—FORAGE PLANTS

Ivanov, K. V. [Forage crops in the trans-Volga region] Kormovye kul'tury v Zavolzh'e. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 189 p. (DA)

VOLGA VALLEY—GEOLOGY, STRATIGRAPHIC

Lower Triassic of the trans-Volga portions of Kuybushev and Orenburg Provinces and its interrelation with the Tatar stage. V. I. Rachitskii. Izv. vys. ucheb. zav., geol. i razv. 3 no. 8:23-27 Je '60.

Lower Triassic sediments in the Volga-Vyatka interfluve. G. I. Blom. Trudy VNIGNI no. 29 vol. 1:70-75 '60.

Quaternary sediments of the southern trans-Volga region. IU. M. Vasil'ev. Biul. MOIP, Otd. geol. 36 no. 2:103-124 Mr-Ap '61.

Some features of the structure of the Eocene sediments in northern Ciscaucasia and the Volga Valley portion of Stalingrad and Astrakhan Provinces. IU. A. Sudarikov. Trudy VNIGNI no. 32:248-259 '60.

VOLGA VALLEY—ROAD CONSTRUCTION

Characteristics of strengthening some types of soil in the Volga region. A. S. Elenovich. Avt. dor. 24 no. 6:10-11 Je '61.

VOLGA VALLEY—RURAL ELECTRIFICATION

Electrification of villages along the Volga River. Sel'. stroi. 16 no. 6:30-31 Je '61.

VOLGA VALLEY—SOIL CONSERVATION

Afforestation of the "Mozolevskii" gully. E. P. Dik. Les. khoz. 14 no. 7:36-39 Jl '61.

VOLGA VALLEY—WINDBREAKS, SHELTERBELTS, ETC.

Using the cluster method for planting shelterbelts in the Volga-Akhtuba Floodland [with summaries in English, German, and French]. F. P. Lubich. Vest. sel'khoz. nauki 6 no. 7:102-111 Jl '61.

VOLGIN, VIACHESLAV PETROVICH, 1879-

Awarding the Lenin prize to the Academician V. P. Volgin. Vop. ist. no. 7:3-5 Jl '61.

Outstanding contribution to historical science. Prep. ist. v shkole 16 no. 4:19-20 Jl-Ag '61.

VOLLEYBALL see subdivision under Ulan Bator

VOLOGDA—PROSTHESIS

Is this expedient? A. Peganov. Sots. obesp. 22 no. 7:53 Jl '61

VOLOGDA DISTRICT—WATER PIPES

Assembling water pipe made of rubber pipes. N. Varzunov. Sel'. stroi. 16 no. 6:5 Je '61.

VOLOGDA PROVINCE—EDUCATION

In the eight-year schools of Vologda Province. I. Kudinev. Nar. obr. no. 8:19-21 Ag '61.

VOLOGDA PROVINCE—INTERNAL REVENUE

Fulfill the plan for all revenues and all districts. G. Ushakov. Fin. SSSR 22 no. 7:64-67 Jl '61.

VOLTAGE REGULATORS

Automatic voltage regulation for asynchronous high-frequency 200-hertz generators. N. F. Miakishev. Dokl. TSKhA no. 55:329-335 '60.

Automatic voltage regulator for a mercury rectifier substation. E. S. Burov, N. P. Kravchenko, I. A. Kashirin. Sbor. rats. predl. vnedr. v proizv. no. 2:42-43 '61.

Ferroresonant stabilizers. Radio no. 4:57-59 Ap '61.

Voltage regulator for supplying measuring circuits of electronic potentiometers. V. V. Tokarev, K. S. Tolstopiatov, L. R. Okunev. Sbor. rats. predl. vnedr. v proizv. no. 1:37-38 '61.

VOLTAIRE, FRANCOIS MARIE AROUET DE, 1694-1778

Akademiia nauk SSSR. Institut russkoi literatury. [The Voltaire Library, a catalog of books] Biblioteka Vol'tera, katalog knig. Moskva, Izd-vo Akad. nauk SSSR, 1961. 1166 p.

Sigal, N. [Voltaire, 1694-1778] Vol'ter, 1694-1778. Leningrad, "Iskusstvo," 1959. 149 p. (Klassiki zarubezhnoi dramaturgii) (IEN)

VOLYN' PROVINCE—FINANCE

From staff work practice. A. Riabov, E. Androshchuk. Fin. SSSR 22 no. 7:76-80 Jl '61.

VOMITING

Effect of cytiton and Thermopsis tincture on the emetic effect of apomorphine under clinical and experimental conditions [with summary in French]. A. V. Zav'ialov, V. I. Nikolaev. Zhur. nevr. i psikh. 61 no. 3:439-445 '61.

VORKUTA—COAL MINERS

Housemother. IU. Getallo. Sov. shakht. 10 no. 3:25 Mr '61.

VORKUTA REGION—FROZEN GROUND

Filtration characteristics of seasonally thawing loamy ground in the Vorkuta region. L. N. Khrustalev. Mat. k osn. uch. o merzl. zon. zem. kory no. 7:157-163 '61.

VORONEZH—DRUGSTORES

Improve drug distribution to the public. A. I. Galinkin, M. V. Guseva. Apt. delo 10 no. 3:65-67 My-Je '61.

VORONEZH—FEED MILLS

Suggestions for greater efficiency introduced at the Voronezh Feed Mill. V. Popov. Muk.-elev. prom. 27 no. 7:18 Jl '61.

VORONEZH—MUSIC

Musical theater in Voronezh. N. Danilov. Teatr. 22 no. 7:156 Jl '61.

VORONEZH—SCHOOL EXCURSIONS

Studying the work of industrial plants. A. P. Vakulin. Shkol. spets. obr. 8 no. 7:16-18 Jl '61.

VORONEZH—THEATERS

Musical theater in Voronezh. N. Danilov. Teatr. 22 no. 7:156 Jl '61.

VORONEZH PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

We improve our work with propagandists. V. Usachev. Partizhizn' no. 15/16:120-125 Ag '61.

VORONEZH PROVINCE—GALL GNATS

New members of Nearctic gall gnat genera (Itonididae, Diptera) in the fauna of the European part of the U. S. S. R. B. M. Mamaev. Dokl. AN SSSR 139 no. 1:227-229 Jl '61.

VORONEZH PROVINCE—INDUSTRIAL MANAGEMENT

Warnings of the arbitration agency help to control the execution of the decisions of the Soviet state. F. Bashkatov. Sov. iust. no. 14:10-11 Jl '61.

VORONEZH PROVINCE—SCHOOL EXCURSIONS

Work training during tourist marches. T. S. Pchel'nikov. Shkola i proizv. 5 no. 7:54-56 Jl '61.

VORONEZH PROVINCE—WATER PARSNIPS

Investigating the essential oil from the fruit of the water parsnip Sium latifolium L. G. V. Pigulevskii, N. V. Belova. Trudy Bot. inst. Ser. 6 no. 8:24-27 '61.

VOROSHILOVGRAD see Lugansk

VOROSHILOVGRAD PROVINCE see Lugansk Province

VORTEX MOTION

Conservation of vortices and currents in magnetohydrodynamics. M. N. Kogan. Dokl. AN SSSR 139 no. 1:58-59 Jl '61.

Energy spectrum of a turbulent flow of incompressible fluid. E. A. Novikov. Dokl. AN SSSR 139 no. 2:331-334 Jl '61.

Theory of waves in a vortical liquid. N. N. Moiseev. PMTF no. 3:81-89 S-O '60.

VORVULEV, NIKOLAI DMITRIEVICH, 1917-

Moloslova, L. A. [Nikolai Dmitrievich Vorvulev, People's Artist of the U. S. S. R.] Nikolai Dmitrievich Vorvulev, narodnyi artist SSSR. Kyiv, Derzh. vydvo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1960, 37 p. (Dekada ukrains'koi literatury ta mystetstva) (MH)

VOTIAK LITERATURE—HISTORY AND CRITICISM

Ermolaev, A. A. (Udmurt historical prose] Udmurtskaia istoricheskaia proza. Izhevsk, Udmurtskoe knizhnoe izd-vo, 1960. 142 p. (MH)

VOYAGES AND TRAVELS

Svet, IA. M. [A hundred thousand li before the mast] Za kormoi sto tysiach li. Moskva, Gos. izd-vo geogr. lit-ry, 1960. 188 p.

VULCANIZATION

Nature and strength of cross-linkages in radiation vulcanizates of polysiloxane rubbers. I. IA. Poddubnyi, S. V. Averianov, L. A. Averianova. Dokl. AN SSSR 193 no. 3:651-653 Jl '61.

Some heterocyclic N-thiocarbamylsulfenedialkylamides as vulcanization agents. I. I. Ettington, M. S. Fel'dshtein, D. M. Peizner. Zhur. prikl. khim. 34 no. 7:1591-1597 Jl '61.

VYCHEGDA RIVER—REGULATION

From Pechora to the Caspian. M. O. Korzh. Nauka i zhyttia 11 no. 6:20-22 Je '61.

VYCHEGDA VALLEY—GLACIAL EPOCH

Problem of the connection between the Kama, Vychegda, and Pechora Basins in the Quaternary period and the periglacial sediments of the Kama Basin [with summary in English] R. B. Krapivner. Biul. MOIP, Otd. geol. 36 no. 2:81-101 Mr-Ap '61.

VYGOZERO RESERVOIR—FISHERIES

Vygozero Reservoir. A. F. Smirnov. Izv. VNIORKH 50:7-18 '61.

VYRITSA RESERVOIR—AQUATIC PLANTS

Observations on the development of vegetation in the reservoir of the Vyritsa Electric Power Plant. IU. K. Kruberg. Uch. zap. Ped. inst. Gertsa 178:49-61 '59.

WAGE PAYMENT SYSTEMS

Output accounting where an hourly wage system is in effect. N. Gvozdev. Bukh. uchet 18 no. 6:34-36 Je '61.

[Problems of the economics of labor; lecture transcript] Voprosy ekonomiki truda, stenogramma lektsii. Leningrad, 1961. 32 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Seriia. Stroitel'naia promyshlennost')

Trusikhin, N. P. [Organization of wage payments in industrial enterprises] Organizatsiia zarabotnoi platy na promyshlennykh predpriiatiiakh. Moskva, Gos. izd-vo planovo ekon. lit-ry, 1961. 76 p. (V pomoshch' propagandistam i slushateliam seti partiinogo prosveshchenila)

WAGES

(see also subdivision under Armenia)

Answers and questions concerning labor and wages. A. Chulanov, M. Tolvachev. Mias. ind. SSSR 31 no. 4:55-56 '60.

Improving the wage system of crane operators. N. Aizenberg. Ekon. stroi. no. 7:21-25 Jl '61.

Kabro, S. I., and K. S. Nesatala. [The shortened workday in the building materials industry] Sokrashchennyi rabochii den' na predpriiatiiakh promyshlennosti stroitel'nykh materialov. Kiev, Gosstroiizdat, 1960. 75 p. (MH)

New developments in the wage system of boner-dressers and vein pumpers. M. Barabash. Mias. ind. SSSR 32 no. 2:37-39 '61.

New specifications for paying truck drivers. Stroitel' no. 6:27-29 Je '61.

New wage system for the workers of automotive transportation. S. Koval'chuk. Muk.-elev. prom. 27 no. 8:27-28 Ag '61.

Nikol'skii, V. S. [Wages and the establishment of norms] Normirovanie i oplata truda. Moskva, Gospolitizdat, 1960. 31 p. (Dlia slushatelei nachal'nykh ekonomicheskikh shkol i kruzhkov na promyshlennykh predpriiatiiakh, no. 5) (MH)

Preliminary results of the transfer of wo[illegible] topographogeodetic and cartographic s[illegible] shortened workday and new wage co[illegible] Egorov. Geod. i kart. no. 7:5-8 J[illegible]

Problems of wages for constructio[illegible] stroi. no. 7:69-70 Jl '61.

Some results of transferring the Ch[illegible] bine and the new wage system. D[illegible] prom. 35 no. 7:56-57 Jl '61.

Struggle of Moldavian State Bank de[illegible] excessive wage fund expenditures. Den. i kred. 19 no. 7:62-66 Jl '[illegible]

Wages and public consumption funds. Vop. ekon. no. 8:35-48 Ag '61.

Wages for drivers. S. V. L'vov. L[illegible] 33-36 Jl '61.

We answer readers' questions. Se[illegible] 29 Je '61.

WAGES—ACCOUNTING

Simplified method of payroll accou[illegible] Khleb. i kond. prom. 5 no. 7:24-2[illegible]

WATT-HOUR METER see subdivision under Lithuania

WAVE GUIDES

Approximate method of calculating the natural frequencies of nonregular limit resonators V M Dmitriev and others Zhur tekh fiz 31 no 6 712-716 Je '61.

Certain methods for controlling the dispersion and coupling impedance of ribbed rectangular wave guides. N V Trunova Radiotekhnika 16 no 8 13-21 Ag '61

Characteristics of ferrite phase inverters accomplished on H-wave guides N M Kovtun, A I Tereshchenko Zhur tekh fiz. 31 no. 7,834-836 Jl '61

Concerning the approximation of geometrical optics for waves in transmission lines with variable parameters [with summary in English] L. A Ostrovskii Izv vyss uchebn zav., radiofiz 4 no 2 293-305 '61.

Conditions for the existence of slow waves in an isotropic wave guide. G A Postnov Radiotekh i elektron. 6 no 8,1325-1327 Ag '61

Effect of the velocity scattering of electrons on the radiation of electron clusters moving uniformly in wave guide systems L G Lomize, O M Kurbanov Zhur tekh fiz 31 no 6 657-664 Je '61

Investigation of a delay system with noncontacting plates. D.I. Voskresenskii and others. Trudy MAI no.125: 43-66 '60.

Investigation of a single-thread spiral in a circular wave guide. D.I. Voskresenskii, R A Granovskaia. Trudy MAI no.125:92-97 '60

Investigation of an "opposing rods"-type delay system D.I. Voskresenskii, R.A. Granovskaia, L.N. Dorlugin Trudy MAI no.125:67-91 '60.

Nonlinear effects in the propagation of electromagnetic waves in a plasma wave guide. O.G. Zagorodnov and others. Zhur. tekh. fiz. 31 no. 5 573-576 My '61.

Parameters of H-shaped waveguides in the millimeter and centimeter range V. M. Sedykh and others Zhur tekh. fiz. 31 no. 6 699-703 Je '61

Propagation of electromagnetic waves in cross-shaped waveguides containing a transversely magnetized ferrite plate N. M. Kovtun, A I. Tereshchenko. Zhur tekh fiz 31 no. 6 704-711 Je '61.

Resonance features of a rectangular comb at inclined irradiation. B.IA. Miakishev. Trudy MAI no.125: 104-125 '60.

Study of a rectangular comb in a rectangular wave guide. D.I. Voskresenskii, R.A. Granovskaia. Trudy MAI no.125:35-42 '60.

Study of a "spiral groove"-type delay system. D.I. Voskresenskii, R.A. Granovskaia. Trudy MAI no.125 88-103 '60.

Suppression of resonance phenomena in multimode wave guides R.B Vaganov, V.V Merlaki Radiotekh i elektron. 6 no. 8,1284-1292 Ag '61.

Synthesis of smooth transitions. S. I. Orlov Radiotekhnika 16 no. 7:23-32 Jl '61.

Thermal calculation of resonant ferrite valves. M. V. Vamberskii, T. V. Sholukhina. Radiotekhnika 16 no. 7: 64-71 Jl '61.

WAVE MOTION, THEORY OF

Effect of fluctuations in an incident wave on the diffraction pattern in the focal plane of a lens. IA. S. Shifrin. Akust. zhur. 7 no.2:248-255 '61.

WAVES

(see also subdivision under Rybinsk Reservoir)

Calculating the transformation of wave elements in the deep sea and shallow zones with gradually diminishing depth. IA.G. Vilenskii, B. Kh Glukhovskii. Trudy Okean. kom. 11:46-58 '61.

Calculation of wave elements in the ocean. G.V. Rzheplinskii. Trudy Okean. kom. 11:69-73 '61.

Forecasts of oceanic wind waves and local relationships K. M. Sirotov. Trudy Okean. kom. 11:63-68 '61.

Method of marking films in stereoscopic photography of waves from the ship. K. M. Sirotov. Biul. Okean. kom. no 6:84-85 '60.

Practical use of the relationship between the period and the height of the wave. E F Semenov Meteor. i gidrol. no. 8:41-42 Ag '61.

Propagation of long waves from regions of higher and lower atmospheric pressure with an account of the deflecting action of the coriolis force. S.S. Voit. Trudy Okean. kom. 11:83-89 '61.

Scattering of longitudinal and transverse waves in liquid relaxation media. Part 1. A.S. Predvoditelev. Vest. Mosk. un. Ser. 3: Fiz., astron. 16 no. 3:10-18 My-Je '61.

Some characteristics of wind waves. K. M. Sirotov. Trudy Okean. kom. 11:59-62 '61

Some problems in the hydrodynamic theory of waves of finite amplitude. IA. I. Sekerzh-Zen'kovich. Trudy Okean. kom. 11:90-92 '61.

State of and outlook for the study of sea waves. IU. M. Krylov. Trudy Okean. kom. 11:3-6 '61.

Theory of waves in a vortical liquid. N. N. Moiseev. PMTF no. 3:81-89 S-O '60.

Waves on the surface of a fluid under the action of centrifugal force. Sun' Tsao. PMTF no. 3:90-96 S-O '60.

WAXMOTH see Bee moth

WEATHER

Verzina, A. K. [Observations of the weather by students of the grades 1-4] Nabliudeniia pogody uchashchimisia I-IV klassov. Pod red. P. A. Zavitaeva. Moskva, Izd-vo Akad. pedagog. nauk, 1958. 38 p. (Pedagogicheskie chtenila)

WEBB, CAPE, ANTARCTICA—EROSION

Stone "kettles." V L Bardin Inform biul. Sov. antark. eksp no. 26 47-48 '61.

WEED CONTROL

Chemical weed control. V P. Stupakov Visnyk sil'-hosp nauky 1 no. 8:41-45 Ag '61

Use of herbicides in hayfields and pastures. I D. Urkevich, E. A. Kruganova, I. I. IAsinskii. Biul. Inst. biol. AN BSSR no. 5:8-16 '60.

Use of the herbicide "dicotex-30" in flax fields under farm conditions S. M Mashtakov, B. F. Matrosov, S IA. Ludovskii Biul Inst. biol. AN BSSR no. 5:200-204 '60

WEEDS

Weeds in fields reduce the biological activity of soils A. Sh Galstian Izv AN Arm. SSR. Biol. nauki 14 no 5:69-71 My '61

WEIGHING MACHINES

Scales for distance weighing of articles in an autoclave during heat and moisture treatment N. A. Kalnina, N. I. Fedynin Stroi. mat. 7 no 6:37-38 Je '61.

WEIGHING MACHINES—TESTING

Machine for testing weight indicators I. V. Mertsalov. Neftianik 6 no 7:10 Jl '61

WEIGHT LIFTING

(see also subdivision under Minsk)

Falameev, A. I., and M. T. Luk'ianov. [Weight lifting for young persons, school manual] Tiazhelaia atletika dlia iunoshei; uchebnoe posobie. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1961. 198 p.

WEIGHTS AND MEASURES

Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Centennial of the State Service of Weights and Measures, 1845-1945] Sto let gosudarstvennoi sluzhby mer i vesov, 1845-1945. Moskva, 1945. 22 p.

Russia (1923- U.S.S.R.) Komitet po delam mer i izmeritel'nykh priborov. [Centennial of the State Service of Weights and Measures, 1845-1945] Sto let gosudarstvennoi sluzhby mer i vesov v SSSR. Moskva, Gos. -izd-vo tekhniko-teoret. lit-ry, 1945. 376 p. (SSSR. Gosudarstvennye standarty)

WEITLING, WILHELM CHRISTIAN, 1808-1871

The social teachings of Weitling [with summary in English, pp. 217-218]. V. P. Volgin. Vop. ist. no. 8 7-26 Ag '61

WELDING

Bruk, M. V. [Ultrasonic welding of metals] Ul'trazvukovaia svarka metallov; stenogramma lektsii. Leningrad, 1961. 46 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Seriia: Elektrotekhnologiia i ul'trazvuk)

Do you know that .. V. Fedorov. Stroitel' no. 2:32 F '61

Main welding developments. Starsh. -serzh. no 4:25 Ap '61

Spiro, L. S. [Welding in a steam medium] Svarka v srede vodianogo para. [Stalino] Knizhnoe izd-vo Stalino-Donbass, 1959. 37 p. (Novaia tekhnika semiletki)

Shinkovich, N. I., D. IU. Matants, and I. V. Manisvetova. [Collection of problems concerning threaded, welded, and riveted joints] Sbornik zadach po rez'bovym soedineniiam. Obshchaia red. N. I. Shinkevicha. Minsk, Redaktsionno-izdatel'skii otdel BPI im. I. V. Stalina, 1961. 93 p.

Ultrasonics do the welding A. Kichatov. Ogonek 39 no 23:15 Je '61.

Vill', V. I. [Friction welding of metals] Svarka metallov treniem. Leningrad, 1961. 13 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Svarka i paika, no. 1)

WELDING—CONGRESSES

First Central Asiatic Technological Conference on Welding. E. I. Furman, M. Khalippa. Avtom. svar. 14 no. 7:92-95 Jl '61.

Twelfth Leningrad Conference on the Evaluation of Results in Welding Research. M. D. Shipkov. Avtom. svar. 14 no. 7:95 Jl '61.

WELDING—DEFECTS

Tendency of welded joints in austenite steels toward local rupture under the effect of high temperatures. V. N. Zemzin, A. V. Stanukovich. Avtom. svar. 14 no. 7: 46-53 Jl '61.

WELDING—EQUIPMENT AND SUPPLIES

Automatic line for the assembly and welding of standard troughs for the SKR-11 scraper-conveyers. B. M. Nekrasov and others. Avtom. svar. 14 no. 7:71-78 Jl '61.

Leningradskii dom nauchno-tekhnicheskoi propagandy. [Mechanization of a process for coating electrodes by a method which involves immersion] Mekhanizatsiia protsessa pokrytiia elektrodov sposobom okunaniia; opyt zavoda. Leningrad, 1952. 9 p. (Informatsionno-tekhnicheskii listok, no. 35(376))

[New welding equipment in the instrument-manufacturing industry] Novaia svarochnaia tekhnika v [illegible] [illegible] Moskva, [illegible] 1961. 110 p.

WELDING—SAFETY MEASURES

(see also subdivision under Saratov Province)

Guard for welders. Okhr truda i sots strakh. 4 no. 6 41 Je '61

WELDING, GAS see Gas welding and cutting

WEST GERMANY see Germany, West

WEST KAZAKHSTAN PROVINCE—AGRICULTURAL ADMINISTRATION

Let's show concern for and educate our managerial personnel. A. Muromtsev. Part. zhizn' Kazakh. 31 no. 7:15-18 Jl '61.

WEST KAZAKHSTAN PROVINCE—BIRDS

Recent data on birds of western Kazakhstan. E. I. Gavrilov Trudy Inst. zool AN Kazakh. SSR 15:46-49 '61

WEST SIBERIAN PLAIN—GEOLOGY, STRUCTURAL

Methods and results of geological and geomorphological investigations carried out in order to study structures in the central areas of the West Siberian Plain E N Petrov, L. K. Zlat'kova Trudy SNIIGGIMS no. 9,87-96 '60

WEST SIBERIAN PLAIN—GEOMORPHOLOGY

Method of studying the morphologic structure of the West Siberian Plain IU. A. Meshcheriakov. Trudy SNIIGGIMS no 9 116-125 '60

WEST SIBERIAN PLAIN—MINERALOGY, DETERMINATIVE

Terrigenous mineralogical complexes of Mesozoic sediments in the West Siberian Plain T I Gurova Trudy SNIIGGIMS no 9 37-44 '60

WEST SIBERIAN PLAIN—OSTRACODA, FOSSIL

Liubimova, P. S., and others. [Ostracoda of Mesozoic and Cenozoic sediments in the West Siberian Plain] Ostrakody mezozoiskikh i kainozoiskikh otlozhenii Zapadno-Sibirskoi nizmennosti. Leningrad, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry. Leningr. otd-nie, 1960. 426 p. (Leningrad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy, no. 160)

WEST SIBERIAN PLAIN—PETROLEUM GEOLOGY

Compiling schematic outline structural maps on the basis of tectonics derived from geological and geomorphological data. V V Riabov Trudy SNIIGGIMS no 9 111-115 '60

WEST SIBERIAN PLAIN—PETROLOGY

[Lithology and distribution characteristics of reservoir rocks of the Jurassic and lower Cretaceous of the West Siberian Plain] Litologiia i zakonomernosti razmeshcheniia porod-kollektorov v otlozheniiakh iury i nizhnego mela Zapadno-Sibirskoi nizmennosti. Moskva, Izd-vo Akad. nauk SSSR, 1961. 123 p.

WEST SIBERIAN PLAIN—TRACE ELEMENTS

Some geochemical features of the Mesozoic sediments in the Turukhansk and Napas areas of the West Siberian Plain [with summary in English], A. E. Kontorovich, N. M. Babina, L. D. Minina. Geol. i geofiz. no. 6:3-14 '61.

WESTERN EUROPE see Europe, Western

WESTERN SIBERIA see Siberia, Western

WHALES

(see also subdivision under Pacific Ocean)

Method for determining the age of female sperm whales (Physeter catodon L.). A. A. Berzin. Dokl. AN SSSR 139 no. 2:491-494 Jl '61.

WHARVES

Introduce over-all mechanization into the construction of mooring structures. G. N. Nikolaev. Transp. stroi. 11 no. 7:21-24 Jl '61.

Lower the cost and shorten the time required to build mooring structures. F. V. Saar. Transp. stroi. 11 no. 7:36-37 Jl '61.

WHEAT

(see also subdivision under Armenia, Ukraine)

Adequate hereditary changes in transforming spring wheat into winter wheat various climatic conditions [with summaries in English, German, and French]. V. F. Khitrinskii. Vest. sel'khoz. nauki 6 no. 7:42-53 Jl '61.

Assimilate translocation in wheat during the phase of earing as related to the conditions of nitrogen and phosphorus nutrition. A. A. Anisimov. Dokl. AN SSSR 139 no. 3:742-743 Jl '61.

WHEAT (Continued)

WHEAT [TERRELL Sel. AND STABILIZE]

WHEAT [VARIOUS]

WHEAT [WHITE [Pure seed stabilized from Terrell Sel. and Clyde Sel.]]

WHEAT [IRRIGATION]

WHEAT [VARIETIES

WHEAT [WHITE

WHITE CLOVER

WHITE DUTCH [ALFALFA

WHITE DUTCH [ARCHITECTURE]

WHITE DUTCH [ASPEN]

WHITE DUTCH [BIRCH]

WHITE DUTCH [BIRCH] [MULTIPLICATE DIPLOID]

WHITE DUTCH [BUILDING MATERIALS]

WHITE RUSSIAN DRAMA—HISTORY AND CRITICISM

Niafiod, Uladzimir. [Theater during the war years; White Russian drama during the time of the Great Patriotic War] Teatr u vohnennyia hady, belaruskae sfaenichnae mastatstva u chas Vialikai Aichynnai voiny. Minsk, Dziarzh. vyd-va BSSR, 1959. 246 p. illus.
(MB)

WHITE RUSSIAN EMBROIDERY see Embroidery, White Russian

WHITE RUSSIAN LANGUAGE

Shakun, L.M. [Outline history of the White Russian literary language] Narysy historyi belaruskai litaraturnai movy; dapamozhnik dlia studentau filalahichnykh fakul'tetau VNU. Minsk, Dziarzh. vucheb.-pedagag. vyd-va, 1960. 222 p.
(MH)

Shakun, L.M. [The significance of the Old Church Slavic language in the development of the White Russian literary language] Znanchonie tsarkounaslavianskai movy u razvitstsi belaruskai litaraturnai movy. Minsk, Vyd-va Beldziarzhuniv., 1958. 18 p. (Materialy dlia IV Mizhnarodnaha z"ezdu slavistau)
(CLU)

WHITE RUSSIAN LANGUAGE—CHRESTOMATHIES AND READERS

"A reader in the history of the White Russian language." Reviewed by A. Hrutso. Nar. asv. no. 5:91-93 My '61

WHITE RUSSIAN LANGUAGE—GRAMMAR

Zhyrkevich, M.I. [Textbook of the White Russian language] Padruchnik belaruskai movy. Minsk, Dziarzh. vuchebna-pedagog. vyd-va.
Vol. 1. [Phonetics and morphology for the 5th and 6th grade of the secondary school] Fanetyka i marfalogiia dlia 5 i 6 klasau siarednial shkoly. Vyd. 6. vypr. 1960.
Vol. 2. [Syntax for the 6th and 7th grade of the secondary school] Sintaksis dlia 6 i 7 klasau siarednial shkoly. Vyd. 5. 1960.

WHITE RUSSIAN LANGUAGE—SENTENCES

Complex sentences with conditional clauses in the southwestern White Russian dialects. A. IA Bakhan'kou. Vestsi AN BSSR, Ser. hram. nav. no 2 122-133 '61.

WHITE RUSSIAN LANGUAGE—SYNTAX

Studying literary style in syntax classes. A. Amial'kovich. Nar. asv. no. 5 36-40 My '61

WHITE RUSSIAN LITERATURE—HISTORY AND CRITICISM

Hertsovich, IA. D. [Literature and the life of the people] Litaratura i zhyttsio naroda; artykuly. Minsk, Dziarzh. vyd-vo BSSR, 1960. 173 p.
(MH)

Larchanka, M.H. [Along the road of realism] Pa shliakhu realizma. Minsk, Vyd-va Beldziarzhuniv., 1959. 255 p.
(MH)

Malkhrovich, Stalapan. [Essays on White Russian literature of the 19th century] Narysy belaruskai literatury XIX stahoddzia. Vyd. 2., napr. Minsk, Dziarzh. vuchebna-pedagag. vyd-va, 1959. 322 p.
(MH)

WHITE SEA—COPEPODA

Role of Harpacticoida in the mesobenthos biomass of some algal biotopes of the White Sea [with summary in English] L. L. Chislenko. Zool. zhur. 40 no. 7:983-998 Jl '61

WHITE SEA—OCEAN TEMPERATURE

Variations in the thermal conditions of waters in the White Sea over a period of many years. N. IA. Arsen'eva. Trudy GOIN no. 55:30-63 '60.

WHITE SEA—SEA ICE

Calculation of ice distribution in the sea as exemplified by the White Sea. N. IA. Arsen'eva. Trudy GOIN no. 55: 64-76 '60.

WHITE SEA REGION—GEOLOGY

Misharev, D.T., and others. [Stratigraphy, tectonics, and pegmatite potential of the northwestern White Sea region] Stratigrafiia, tektonika i pegmatitonosnost' Severo-Zapadnogo Belomor'ia. Leningrad, 1960. 110 p. (Leningrad. Vsesoiuznyi geologicheskii institut. Trudy, vol. 31)

WHOLESALE TRADE

(see also subdivision under Ukraine)

The interdistrict depot is the basic wholesale link. A. Buchatskii. Sov. potreb. koop. 5 no. 7 18-20 Jl '61.

WILDLIFE, CONSERVATION OF

Extinct and "restored" species of birds. I. I. Akimushkin. Nauka i zhizn' 28 no. 6:42-44 Je '61

This is your work, Pioneers. Andrei Simankevich. IUn. nat. no. 7:1-2 Jl '61.

WILDLIFE CENSUS

Quantitative estimation of the bird population of open landscapes. A. M. Chel'tsov-Bebutov. Ornitologiia no. 2 16-27 '59.

Quantitative estimation of wintering birds in the northeastern part of the Lake Baikal region. S. P. Kirpichev. Ornitologiia no. 2:188-191 '59.

WILLIAMS, RAMSAY, 1852-1916

Noteworthy dates in sciences and technology Shkola i proizv 5 no. 7,96 Jl '61

WILLOWS

(see also subdivision under Malakhay-Tal Valley; Samarkand)

Willows of the section Phyliciifolinae Dumort. in the flora of the U.S.S.R. [with summary in English]. A. K. Skvortsov. Biul. MOIP. Otd. biol. 66 no. 4:26-33 Jl-Ag '61.

WINCHES

Hand lever winches. A. N. Vagapov. Stroi. i dor. mash 6 no. 7 37-38 Jl '61.

Moderizing construction windlasses. O. A. Al'fionova, V. V. Kol'ianov, N. S. Kravtsov. Mekh. stroi. 18 no. 8: 15-16 Je '61.

Portable manual winch. P. V. Khasiiev, E. D. Verbitskii Ugol' Ukr. no. 6 28 Je '61.

Shakhmaliev, G. M. [Studying the performance of a mechanical brake on a draw-works and devising an efficient system of lowering a drill tool] Issledovanie raboty mekhanicheskogo tormoza burovoi lebedki i razrabotka ratsional'nogo rezhima spuska buril'nogo instrumenta. Red. V. S. Shchedrov. Baku. Azerbaidzhanskoe gos. izd-vo neft. i nauchno-tekhn. lit-ry, 1960. 221 p.

Two-drum winch. N. Kormanov. Sov. shakht. 10 no. 3: 23 Mr '61.

WINDBREAKS, SHELTERBELTS, ETC.

(see also subdivision under Akhtuba Valley, Volga Valley)

For the development of shelterbelt afforestation along railroad tracks. I. F. Leshchilovskii Les khoz. 14 no 7 5-13 Jl '61.

Railroad foresters exchange experience. A. Mukhin, F. Traven' Les khos. 14 no. 7 13-18 Jl '61

Using atrazine for controlling weeds in shelterbelts. A. N. Oshovskii. Les. khoz. 14 no 7,71 Jl '61.

WINDING MACHINES

Bulanov, I. F. [Semiautomatic winding machines] Namotochnye poluavtomaty. Leningrad, 1961. 20 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Pribory i elementy avtomatiki, no. 7)

Rotating device for winding size 12 and 13 stators. V. IUshkov. Prom. Arm 4 no 7:43-44 Jl '61.

WINDOWS

Evaluation of the economic effectiveness of using light openings. B. T. Elagin. Izv. vys. ucheb. zav.: stroi. i arkhit. 4 no. 2:133-138 '61.

Newly designed window blocks. D. A. Skoblov. Stroi. mat. 7 no. 7:40-3 of cover Jl '61

WINE AND WINE MAKING

(see also subdivision under Talin District)

Exchange capacity of tar-cationites in wine making. G. D. Ratyshnyi. Izv. vys. ucheb. zav.; pishch. tekh. no. 2: 137-143 '60.

WINE AND WINE MAKING— FILTRATION

Dynamics of the change of the nitrogen content of wine during the cation exchange. E. S. Drbogiav. Izv. vys. ucheb. zav.; pishch. tekh. no. 2:72-78 '60.

WINE AND WINE MAKING—MICROBIOLOGY

Industrial application of the method of continuous improvement selection of yeasts at the Alma-Ata champagne making winery. R. D. Zubkova. Trudy Inst. mikrobiol. no. 10:89-95 '61.

Methods of selecting sherry yeasts with regard to their alcohol tolerance. N. F. Saenko. Trudy Inst. mikrobiol. no. 10,96-102 '61.

WINTER HARDINESS OF PLANTS see Plants--Frost resistance

WIRE

New developments in technology. Ukraina no 15:16 Ag '61.

WIRE BROADCASTING

(see also subdivision under Riga)

In the land of Il'ich. I. Gubanov. Radio no. 4 8 Ap '61.

Reception of three wire broadcast programs. L. Kantor. Radio no. 4:18-20 Ap '61.

Three programs carried by one line. Radio no. 4 17 Ap '61.

WIRE DRAWING—ELECTRIC DRIVING

Transient processes in the electric drive of a continuous wire-drawing machine. D. P. Morozov, V. S. Kuzikov. Izv. vys. ucheb. zav.; elektromekh. 4 no. 3:49-61 '61.

WIRE DRAWING—EQUIPMENT AND SUPPLIES

Changing the design of the guide funnel. F. A. Frolov. Shor rats predl. vnedr v proizv no. 2,21-22 '61

WIRE ROPE

Unit for lubricating steel cables. A. I. Vakher, A. K. Shul'ts. Mekh. stroi 18 no. 6 16-17 Je '61

WIRE-ROPE TRANSPORTATION see Cableways

WIRELESS OPERATORS see Radio operators

WIT AND HUMOR

Semionov, M. G. [Pests; stories and feuilletons] Prilipaly; rasskazy i fel'etony. Moskva, Sovetskii pisatel', 1960. 149 p.
(NN)

WOLFFIAN BODY

Development of the mesonephros in man M. B. Novikov. Dokl AN SSSR 130 no 3,767-768 Jl '61

WOMEN see subdivision under Turkmenistan

WOMEN—DISEASES

Necessity for improving health resort care for gynecological patients. S K Lesnoi. Vop. kur., fizioter. i lech. fiz kul't 26 no 3:259-260 My-Je '61.

Pap, A. G. [Prevention of gynecological diseases and cancer of the female generative organs] Profilaktika ginekologicheskikh zabolevanii i raka zhenskikh polovykh organov. Kiev, Gos. med. izd-vo USSR, 1960. 100 p.
(DNLM)

Registration of the results of health resort treatment of gynecological patients and modern criteria for their evaluation. A. V. Emanuel'. Vop. kur., fizioter. i lech. fiz kul't. 26 no. 3:193-198 My-Je '61

WOMEN—EMPLOYMENT see subdivision under Mongolia; Uzbekistan

WOMEN—MEDICAL CARE

Immediate problems in health protection for women. Sov zdrav. 20 no. 6 3-8 '61.

WOMEN—RIGHTS OF WOMEN

Discussing the problem of equal rights for women at the Seventh Congress of the International Association of Democratic Lawyers. N M Ershova Sov gos. i pravo 31 no. 2:30-34 F '61.

WOMEN AS ENGINEERS see subdivision under Mongolia

WOMEN AS PHYSICIANS

Shibkov, A. A. [First women physicians in Russia] Pervye zhenshchiny-mediki Rossii. [Leningrad] Gos. izd-vo med. lit-ry Medgiz Leningr. otd-nie, 1961. 119 p.

Women physicians as guardians of the health of Soviet troops. A. A. Shibkov, V. F. Shepilevich. Voen. -med. zhur no. 3:7-9 Mr '61.

WOMEN IN AERONAUTICS

Chechneva, M. P. [Airplanes take off into the night] Samolety ukhodiat v noch'. Moskva, Voen. izd-vo M-va obor. SSSR, 1961, 156 p. (Voennye memuary)

Dospanova, Khiyaz. [Under Raskova's command; reminiscences of an Air Force pilot] Pod kommandovaniem Raskovoi; vospominaniia voennogo letchika. Alma-Ata, Kazakhskoe gos. izd-vo khudozh. lit-ry, 1960. 82 p.

WOMEN IN PUBLIC LIFE see subdivision under Uzbekistan

WOOD
(see also subdivision under Armenia)

Elastic-plastic properties of wood as related to the stresses and deformations during its drying. P. S. Sergovskii, V. N. Bykovskii, V. O. Samuilo. Der. prom. 10 no. 6:3-5 Je '61.

Experimental studies of the action of wooden shafts under longitudinal percussion. M. E. Kagan, N. D. Genia. Izv. vys. ucheb. zav.; stroi. i arkhit. 4 no. 3: 33-38 '61.

Ways for more efficient utilization of wood in construction. Les. prom. 39 no. 7:30 Jl '61.

"Wood and wood products" by D. M. Orlov. Reviewed by I. D. Pakhomov. Der. prom. 10 no. 7:29 Jl '61.

WOOD—ANATOMY

Some characteristics of the ontogenesis of wood in the roots and trunk of sweet chestnut [with summary in English]. L. A. Lebedenko. Biul. MOIP. Otd. biol. 66 no. 4:66-71 Jl-Ag '61.

WOOD—CHEMISTRY

Mikhailov, M. I., and B. N. IAsinskii. [Prospects for the growth of the hydrolysis and wood chemistry industry] Perspektivy razvitiia lesokhimicheskoi i gidroliznoi promyshlennosti. Moskva, Goslesbumizdat, 1960. 54 p.

WOOD—PRESERVATION

New fork grab of the automatic lift truck for handling lumber during the preservative treatment in packages. G. N. Kharitonov, IU. M. IUr'ev. Der. prom. 10 no. 6: 12-13 Je '61.

Platforms for the impregnation of crossties. B. N. Smirnov. Les. prom. 39 no. 7:15-16 Jl '61.

WOOD, COMPRESSED

[illegible]

WOOD ALCOHOL. See Methanol

WOOD DECAY [illegible]

[illegible]

WOOD RESEARCH

[illegible]

WOOD WASTE

(see also subdivision under Fuels)

[illegible]

WOOD PIPE. See Pipes, Wooden

WOOD PULP

[illegible]

WOODWORK—STUDY AND TEACHING

[illegible]

WOODWORKING INDUSTRIES

(see also subdivision under Mexico)

[illegible]

WOODWORKING INDUSTRIES—BIBLIOGRAPHY. See Bibliography—Woodworking industries

WOODWORKING INDUSTRIES—EQUIPMENT AND SUPPLIES

[illegible]

WOODWORKING INDUSTRIES—SAFETY MEASURES

[illegible]

WOODWORKING MACHINERY

(see also subdivision under United States)

[illegible]

[illegible]

WAR, 1939-1945 (Continued)
: feats of Soviet soldiers in the early phase of the t Patriotic War, documents and materials Vop no. 8-97-106 Ag '61

y and our time ("History of the Great Patriotic of the Soviet Union, from 1941 to 1945." Vol 1 ewed by V Chapiakov). Komm. Vooruzh Sil 1 :89-94 O '60.

period of the Great Patriotic War. M. Cheredenko. Voen. ist. zhur. 3 no. 4 28-35 Ap '61.

er of three Orders of Glory V. Mel'nikov Voen 37 no. 8, 8 Ag '61

il Novikov, who is he? A. Ivanov Sov. voin 43 8:36 Ag '61.

ages of heroic history. Blok. agit. [Sov. Armii] 5:13-20 My '61.

'arou's last battle. M Pahrabniak. Belarus' 18 :12 Jl '61.

B. Z. [South Ossetian Communist Youth League of gia during the years of the Great Patriotic War, -1945.] IUgo-Osetinskaia organizatsiia LKSM Gruzii ly Velikoi Otechestvennoi voiny 1941-1945 gg. hir, Gosizdat IUgo-Osetii, 1960. 85 p.

oning of war criminals. N. Frumkin. Voen. ist. 3 no. 4-83-91 Ap '61.

'tions on the use of a covering army during the al period of the Great Patriotic War. B. Kolchigin. ist. zhur. 3 no. 4-35-37 Ap '61.

shells; seven destroyed enemy tanks. Voen znan 10. 8:23 Ag '61

ish with "tigers" N. Afanas'ev. Voen. znan. 37 :7-8 Ag '61.

letters during the Great Patriotic War as a hisal source. B. I. Zhuchkov, V. A. Kondrat'ev. SSSR 5 no. 4:103-114 Jl-Ag '61.

s the way an exploit was born. I. Prochko. Sov. 43 no. 16:36 Ag '61.

e much stronger now. I. Pallov. Blok. agit. Armii] no. 15:10-12 My '61

WAR, 1939-1945—AERIAL OPERATIONS

neva, M. P. [Airplanes take off into the night] olety ukhodiat v noch', Moskva, Voen. izd-vo t obor. SSSR, 1961. 156 p. (Voennye memuary)

nova, Khivaz. [Under Raskova's command; reminences of an Air Force pilot] Pod komandovaniem ovoi; vospominaniia voennogo letchika. Alma-Ata, ukhskoe gos. izd-vo khudozh. lit-ry, 1960. 82 p.

ings grew stronger in battle. S. P. Gubarev. Vest. . Fl. no. 2 76-84 F '61

WAR, 1939-1945—ART AND THE WAR

s in war. Starsh.-serzh. no. 2-37 F '61.

WAR, 1939-1945—ATROCITIES

ann names his accomplices (continuation). idunar. zhizn' 8 no 9:121-131 S '61.

WAR, 1939-1945—BIBLIOGRAPHY see Bibliog-—World War, 1939-1945

WAR, 1939-1945—CAMPAIGNS

red troops of the Soviet Army. E. Kapitonov. i. znan. 37 no. 8, 14-15 Ag '61

ving difficult courses of battle to victory. M. Katu- Voen. vest. no. 9:12-17 S '60.

ous deeds of the defenders of Hango. Ist. SSSR 5 1:91-97 Jl-Ag '61.

ble innovation of the Military Publishing House nk battle near Prokhorovka" by P. A. Rotmistrov, lewed by I. Efimov). Voen. ist. zhur. 3 no. 4 95-98 '61.

WAR, 1939-1945—CHILDREN

e thousand relatives. IA. Kuchar, I. Huseu. rus' 18 no. 7, 14 Jl '61.

WAR, 1939-1945—DIPLOMATIC HISTORY

iplomatic post during the war. A. E. Bogomolov. idunar. zhizn' 8 no. 8:67-104 Ag '61.

es Bohlen distorts the facts. Ogonek 39 no. 20-16 61.

natic history of the second front. I. Zemskov. idunar. zhizn' 8 no. 8:68-78 Ag '61.

natic history of the "second front." I. Zamskov. idunar. zhizn' 8 no 9:70-81 S '61.

WAR, 1939-1945—NAVAL OPERATIONS—SUB-INE

victories. S. Cherkashin. Voen. znan. 37 no. 8: Ag '61.

yfully returned to base. I. Travkin. Starsh.-h. no. 2-30-32 F '61.

WAR, 1939-1945—PERSONAL NARRATIVES

gen Pskov and Narva. V. Sokolov. Starsh.-serzh. 2:4-6 F '61.

omissar, from a newspaperman's notebook. orzunov. Blok. agit. [Sov. Armii] no. 22-34-37 Ag

, the enlisted man. D TSogt-Ochir. Zh. Shagdar. Mong. 6 no. 3:10 Mr '61.

Editor's mail. Ogonek 39 no. 28:24 Jl '61.

Forty-five days in the rear of the enemy. I. Boldin. Voen. ist. zhur. 3 no. 4:64-82 Ap '61.

Gavrikov, F. K. [Soldier's initiative] Initsiativa soldata. Moskva, Voennoe izd-vo, 1960. 60 p. (Sodatu i matrosu o voine) (NNC)

Inspiring words. P. Istratov. Blok. agit. [Sov. Armii] no 15:21-24 My '61

"It is so good to live!" Valentina Gordeeva Smena 38 no 12 5-8 Je '61

Korolev, M. F. [In the forests of Kalevala; notes by a commissar of a partisan detachment] V lesakh Kalevaly, zapiski komissara partizanskogo otriada. [Vologda] Vologodskoe knizhnoe izd-vo, 1960. 198 p. (NNC)

Memory of the heart. I. Rotin. Smena 38 no. 9:10-11 My '61.

Today's life of a hero. S. Eidene. Sovr. Mong. 6 no. 3: 8-9 Mr '61

Young defenders of their country. A. I. Gusev. Nach. shkola 29 no. 6 79-85 Je '61.

WORLD WAR, 1939-1945—RADIO, RADAR, ETC.

Fifty minutes. K. Plestsov. Radio no. 5:8-9 My '61.

WORLD WAR, 1939-1945—TRANSPORTATION

Baidin, G. A. [Freight trains are rolling] Idut oshelony. Moskva, Gos. izd-vo polit. lit-ry, 1961. 85 p. (Geroi i podvigi)

WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

Heroic deeds of Soviet guerrillas ("Soviet guerrillas; history of the guerrilla movement during the Great Patriotic War." Reviewed by S. Ustinov). Komm. Vooruzh Sil 1 no. 13, 89-93 Jl '61

In spite of all deaths A. Zhuravskii. Starsh.-serzh no 2, 17-18 F '61.

Story of the deeds of young heroes. V. Kniazev. Voen. znan. 37 no 8:12 Ag '61.

WORM-GEAR see Gearing, Worm

WORMS, INTESTINAL AND PARASITIC
(see also subdivision under Byalovezhska Pushcha)

Asadov, S. M. [Helminth fauna of ruminants of the U. S. S. R. and its ecological and geographical analysis] Gel'mintofauna zhvachnykh zhivotnykh SSSR i ee ekologo-geograficheskii analiz. Pod red. K. I. Skrlabina. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1960. 510 p.

What is "horse hair"? S. K. Osipov. Biol. v shkole no. 4:89 Jl-Ag '61.

WORMWOOD

Tarabaeva, G. I. [Dermine, a drug in popular medicine] Dermine sredstvo narodnoi meditsiny. Alma-Ata, Kazakhskoe gos. izd-vo, 1961. 85 p. (DNLM)

WOUNDS

Treatment of facial burns with bandages. V. V. Vlasov and others. Voen.-med. zhur no. 8:48-50 Ag '60.

WRAPPING MACHINES

Protection of the working parts of wrapping machines from crumbs and caramel pieces. G. L. Makhlis. Khleb. i kond. prom. 5 no. 7:33-34 Jl '61.

WRENCHES

Bol'borg, A. I. [Tools for assembly work (wrenches); survey] Instrumenty dlia slesarno-sborochnykh rabot (gaikoverty); obzor. Leningrad, 1961. 70 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy, Seriia: Mekhanicheskaia obrabotka metallov)

X-RAY SPECTROSCOPY

Investigation of certain X-ray spectral lines and of the absorption edge of copper and gold in Cu_3Au and CuAu alloys. V. A. Avetisian. Izv. vys. ucheb. zav., fiz. no. 2 160-163 '61.

X RAYS

Every prosthetic enterprise must have an X-ray apparatus. I. Sklar. Sots. obesp. 22 no. 7:50-51 Jl '61

X RAYS—DIFFRACTION

Computer for calculating trigonometric series in X-ray diffraction examination [with summary in English]. E. V. Stroganov, V. E. Solov'ev, G. G. Menshikov. Vest. LGU no 13:169-171 '61.

Roentgenography of polymers. A. I. Kitaigorodskii. Zhur. VKHO 6 no. 4:370-373 '61.

X-ray diffraction study of brand U10A steel subjected to mechanical wear. N. A. Izmanalieva. Izv. AN Kir. SSR, Ser. est. i tekh. nauk 3 no. 1:91-96 '61.

X-ray diffraction study of cavitation erosion of aluminum single crystals. V. V. Gavranek, D. N. Bol'shutkin. Trudy KhPI 21 ser. met. no. 4:17-22 '59.

X-ray diffraction study of distortions of the crystalline structure of steel induced by friction. N. A. Izmanalieva, IU. S. Terminasov. Izv. AN Kir. SSR. Ser. est. i tekh. nauk 3 no. 1:77-81 '61.

X-ray diffraction study of distortions of the crystalline structure of brass induced by friction N. A Izmanalieva. Izv AN Kir SSR Ser est i tekh nauk 3 no 1:83-90 '61

X-ray diffraction study of structural changes in prehardened brand 20Kh steel in fatigue tests. T Mambetakunov, IU S Terminasov Izv AN Kir SSR Ser est. i tekh. nauk 3 no 1:71-75 '61

X-ray diffraction study of the compressibility of light substances in oblique collisions of shock waves L. V Al'tshuler, A. P. Petrunin. Zhur. tekh fiz. 31 no. 6. 717-725 Je '61.

X-ray diffraction study of the mechanism of fatigue in brand 35KhNM alloy steel V. M. Bulko, IU S Terminasov Izv AN Kir SSR Ser est i tekh nauk 3 no 1,63-69 '61.

X-ray diffraction study of the phenomenon of recovery in brass. Zh Zhorobekov, IU S. Terminasov Izv. AN Kir. SSR Ser. est i tekh nauk 3 no 1:51-55 '61

X-ray diffraction study of the recovery of plastically deformed copper. Z. Zhorobekov, IU. S. Terminasov. Izv. AN Kir. SSR. Ser. est. i tekh. nauk 3 no. 1, 57-61 '61.

X-ray diffraction study of the structure of chemical-conversion nickel coatings in wear tests. N Bazarbekov, IU. S Terminasov Izv AN kir SSR Ser est. i tekh. nauk 3 no 1, 41-50 '61

X-ray diffraction study of wear in medium-carbon steel. A. Alybakov Izv. AN Kir. SSR Ser est. i tekh. nauk 3 no 1, 101-105 '61.

X RAYS—EQUIPMENT AND SUPPLIES

Mechanization is our hidden potentiality. P. Sopilov. Part. zhizn' Kazakh. 31 no. 7:37-39 Jl '61.

X RAYS—INDUSTRIAL APPLICATIONS

Agafonov, P. F. [Use of X-ray diffraction analysis in the manufacture of machinery] Rentgenostrukturnyi analiz v mashinostroenii. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1959. 56 p. (Novoe v tekhnike)

Bogariatskii, IU. A., ed. [Radiography in metallography] Rentgenografiia v fizicheskom metallovedenii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 368 p.

[MICROFILM]

X RAYS—PHYSIOLOGICAL EFFECT

Changes in the histaminopexic ability of blood in irradiated dogs K. M. Larionova. Radiobiologiia 1 no 2: 247-249 '61.

Cytochemical changes in the mammalian nervous system following local X irradiation, preliminary report. A. L. Shabadash, T. I. Zelikina, N. D. Agrachova. Radiobiologiia 1 no. 1:42-44 '61

Dependence of the effect of combined treatment of Streptomyces aureofaciens by ultraviolet and X rays on the nature of treatment. S. IU. Gol'dat. Dokl. AN SSSR 139 no 1, 219-222 Jl '61.

Detection of chemoluminescence in the liver of irradiated rats. B. N. Tarusov, A. I. Polivoda, A. N. Zhuravlev. Radiobiologiia 1 no. 1 150-151 '61

Effect of dose fractionation on the unconditioned reflex activity of the spinal cord of rabbits in total-body X irradiation. M. A. Kuznetsova. Radiobiologiia 1 no. 1:56-64 '61.

Effect of prolonged action of conditioned stimuli previously combined with X irradiation on the leucocyte and lymphocyte content of peripheral blood. N. N. Livshits, E. S. Melzerov. Radiobiologiia 1 no. 2:223-226 '61.

Effect of small doses of ionizing radiation on internal inhibition in dogs I. A. Piontkovskii, M. G. Airapetiants Radiobiologiia 1 no 2:233-241 '61.

Effect of whole-body X irradiation on the level of γ-aminobutyric acid in the brain. S. S. Musaelian, I. A. Sytinskii. Dokl. AN SSSR 139 no. 4, 994-995 Ag '61.

Endogenous formation of carbon monoxide. V. V. Kustov, I. A. Gofman, F. A Ivanova. Radiobiologiia 1 no. 2: 187-192 '61

Investigation of gas exchange in irradiated animals performing muscular work I. V. Bondarenko. Radiobiologiia 1 no. 2:242-246 '61.

Mutations in unirradiated chromosomes of egg cells fertilized by irradiated male gametophytes. E. A. Abeleva, M. L. Beligovskii, N. A. Potekhina. Radiobiologiia 1 no. 1:123-127 '61

Quantitative estimation of radiation injury in mucosal crypts of the small intestine. I. B. Smirnova. Radiobiologiia 1 no 2:264-269 '61.

Relative genetic radiosensitivity in different mammal species. N. I. Shapiro and others. Radiobiologiia 1 no. 1:93-103 '61.

Selection of Actinomyces subtropicus falbomycin producer) by the use of X rays. E. S. Klepkova. Trudy Inst. mikrobiol. no. 10:148-153 '61.

Studying the state of the acid-base equilibrium during acute radiation sickness. L. N. Marlich. Radiobiologiia 1 no 2:257-263 '61.

X RAYS—SCATTERING

Theory of X-ray scattering in distorted polycrystals consisting of three-dimensional crystals. V. N. Filippovich Fiz. tver. tela 3 no. 6:1694-1701 Je '61.

Theory of X-ray scattering in distorted polycrystals consisting of two-dimensional crystals. V. N. Filippovich. Fiz. tver. tela 3 no. 6:1702-1717 Je '61.

X RAYS—THERAPEUTIC USE

Results of X-ray treatment of patients with breast cancer during an 8-year period [with summary in English] E. Swiecki, A. Hilniak. Vop. onk 5 no 11 524-528 '59

XANTHIC ACID

Synthesis of methylphenylcarbinol xanthate V V Sal'nikov, Z K Pan'shina Zhur prikl khim 34 no 7 1638-1640 Jl '61

XANTHOMONAS CAMPESTRIS

Biological properties of Xanthomonas campestris causing the vascular bacteriosis of cabbage M D Kulykovs'ka. Mikrobiol zhur 23 no 2:1-6 '61

XEROGRAPHY

Symposium on the physical bases of the electrophotographic process V M Fridkin Usp fiz nauk 74 no 3:567-570 Jl '61

XYLENE

Alkylation of benzene, toluene, and xylenes with 1, 3-dibromobutane I P Tsukervanik, L V Bugrova Zhur ob khim 31 no 7 2143-2149 Jl '61

XYLIDINE

Alkylated amines of the aromatic series Part 3. N, N-dimethyl-2-m-xylidine N I Kudriashova, N. V Khromov-Borisov. Zhur ob khim 31 no 7 2263-2270 Jl '61

YAKHROMA—WORKINGMEN'S CLUBS

How were we able to achieve this? V. Duganov. Sov. prof. soiuzy 17 no. 15 19-20 Ag '61.

YAKUTIA

Efimov, I. K. [Southern Yakutia] IUzhnaia IAkutiia. IAkutsk, IAkutskoe knizhnoe izd-vo, 1957. 108 p. (ICMiLC)

YAKUTIA—DIAMONDS

Comparative characteristics of diamonds from various diamond-bearing areas of western Yakutia [with summary in English]. Z. V. Bartoshinskii. Geol. i geofiz. no. 6:40-50 '61.

YAKUTIA—FORESTS AND FORESTRY

Shcherbakov, I. P., and G. T. Urtaev. [Forests and forest industries of Yakutia] Lesa i lesnaia promyshlennost' IAkutii. Moskva, Goslesbumizdat, 1961. 108 p. (DA)

YAKUTIA—FROZEN GROUND

Perennially frozen earth as a foundation for structures built in the Yakutsk A. S. S. R P. I Mel'nikov. Izv. vys ucheb zav., stroi i arkhit. 4 no 3:47-52 '61.

YAKUTIA—LUMBERING

Shcherbakov, I. P., and G. T. Urtaev. [Forests and forest industries of Yakutia] Lesa i lesnaia promyshlennost' IAkutii. Moskva, Goslesbumizdat, 1961. 108 p. (DA)

YAKUTIA—OXYTROPIS

A new Oxytropis species of the section Baicalia Bge. in the mountain steppes of northeastern Yakutia [with summary in English] B. A. IUrtsev, M. N. Karavaev. Biul. MOIP. Otd. biol. 66 no. 4, 34-41 Jl-Ag '61.

YALTA—COOKERY FOR THE SICK

Cookery is a creative art. L. IAnovskaia Okhr. truda i sots. strakh. 4 no. 6 21-22 Je '61.

YALTA—HEALTH RESORTS, WATERING PLACES, ETC.

Although it is not foreseen by the rules... N. Dadaian Okhr truda i sots. strakh. 4 no. 6 28 Je '61.

Let the beacons glow even at the health resorts. L. Okulova Okhr. truda i sots. strakh 4 no. 6:20-21 Je '61

We are building the future of the great Yalta E. Krakovskii. Okhr truda i sots. strakh. 4 no. 6 16-19 Je '61

YALTA—HOSPITALS—OUTPATIENT SERVICES

Policyclinic of communist labor. E Pedorenko. Okhr truda i sots. strakh. 4 no. 6 23-25 Je '61.

YALTA—HOSPITALS—STAFF

It is better to see for yourself ... E. Kalacheva. Okhr. truda i sots. strakh. 4 no. 6 26-27 Je '61

YAMAL-NENETS NATIONAL AREA—CONSTRUCTION WORKERS

Construction workers of the Yamal rest in the sanatoriums of the south. A. Vakhnin. Okhr. truda i sots. strakh. 4 no. 7 19 Jl '61.

YARN

Distribution of stresses among the constituent elements of a twisted yearn under load. L. Sh. Glikman Izv. vys. ucheb. zav.; tekh tekst. prom. no. 3:13-22 '61.

High number yarn made from a cotton and nylon blend. I. F. Trompeter. Tekst prom. 21 no 4:17-19 Ap '61.

YAROSLAVL—CHEMICAL LABORATORIES

The 20th anniversary of the municipal chemical laboratory for students. V. M. Vlasov, M. G. Polukeeva. Khim. v shkole 15 no. 3:83-84 My-Je '60.

YAROSLAVL—CLOTHING INDUSTRY

Clothing for Yaroslavl customers. S. Arbuzov. Mest. prom. i khud. promys 2 no. 6:6-7 Je '61.

YAROSLAVL—DISABILITY EVALUATION

Cases of prolonged illness should be under the control of the disability evaluation commission. L. Protopopova. Sots. obesp. 22 no. 8 28-29 Ag '61.

YAROSLAVL—GREENHOUSES

Analysis of soils of the Greenhouse-Hotbed Combine No 4 of Yaroslavl L P Chernova Sbor stud nauch rab Nauch. stud ob-va IAr gos ped. inst. no. 3, 68-78 '59

YAROSLAVL—HEARING AIDS

Our complaints against the suppliers I. Poliakov, S Gural'nik Sots obesp 22 no. 7 52 Jl '61

YAROSLAVL—LANDSCAPE ARCHITECTURE

House committee works out a plan N. Temerov. Zhil.-kom khoz 11 no 5 28 My '61.

YAROSLAVL—MEAT INDUSTRY—EQUIPMENT AND SUPPLIES

Increased production capacity of shops. Z. Azarkh. Mias ind. SSSR 32 no. 2 19-21 '61.

YAROSLAVL—ROAD CONSTRUCTION

Raise street construction to a high engineering level N V Kornilin Zhil.-kom khoz 11 no 5:10-11 My '61

YAROSLAVL—WATER—PURIFICATION

Investigating the work of rectangular clarifiers of the Yaroslavl water-supply line I. M. Mirkis Vod. i san tekh no 7, 20-22 Jl '61

YAROSLAVL PROVINCE—DAIRY INDUSTRY

Butter and cheese industry in Yaroslavl Province. G. P. Mel'nikova Sbor stud nauch. rab Nauch. strud. ob-va IAr. gos ped inst no 3:117-127 '59.

YAROSLAVL PROVINCE—PALEONTOLOGY

Paleontological finds made by the school children of Yaroslavl V V Masin, T. L Usatiuk Sbor. stud. nauch rab. Nauch. stud ob-va IAr gos. ped. inst no. 3; 141-158 '59

YAROSLAVL PROVINCE—ROCKS, CARBONATE

Carbonate rocks from sediments occurring in their place of origin in Yaroslavl Province S A. Ivanov, N A. Koshkina Sbor. stud nauch. rab, Nauch. stud. ob-va IAr. gos. ped. inst no 3:5-24 '59.

YAROSLAVL PROVINCE—TILES

A survey of the history of tile plants in the Yaroslavl area I A Gurlev. Sbor stud nauch. rab, Nauch. stud. ob-va IAr. gos ped inst no 3, 25-67 '59.

YEAST

(see also subdivision under Krasnodar Territory; Kurgan)

Effect of brewer's yeast on the milk production of cows [with summary in German] G. A Bondarenko, P S Pinevich Biul. nauch. -tekh. inform VIZH no 2:14-16 '58.

Investigation of the method for preparing the wheat dough on liquid leavens. I. M. Roitar and others Izv. vys ucheb zav., pishch. tekh. no. 2:27-34 '60.

Maltase and zymase activity of liquid yeasts. I. M. Rolter, V. N. Vysotskaia. Khleb. i kond. prom. 5 no. 7: 11-13 Jl '61.

Peculiarities in the development of the yeast fungus from the family of Schizosaccharomycetaceae [with summary in English]. V. N. Sekunova. Mikrobiologiia 29 no. 2: 201-203 Mr-Ap '60.

Toxic effect of oxidized oleic acid on yeast cells. IU. B. Kudriashov, A. Kh. Tambiev. Dokl. AN SSSR 139 no. 4, 991-993 Ag '61

YEGORLYK VALLEY—ANTIQUITIES

Archaeological relics in Trostyanets and Yegorlyk valleys. A. A Kravchenko Mat. z arkheol. Pivn. Prychor no 3 167-174 '60

YEGORLYKSKAYA—COOPERATIVE SOCIETIES

A mobile store sets out for the field. V. Leshchenko. Sov. potreb. koop 5 no. 7:35-36 Jl '61.

YELETOZERO LAKE REGION—NEPHELINE SYENITE

Some features of the genesis of nepheline syenites in the Yeletozero massif and their pegmatites (northern Karelia). A. I Bogachev Trudy Kar. fil. AN SSSR no. 26 133-142 '61.

YELETOZERO LAKE REGION—PORPHYRITES

Dikes of diabasic prophyrites in the Lake Yeletozero region (northern Karelia). K. A. Inina. Trudy Kar. fil. AN SSSR no. 26 119-132 '61.

YELLOW RIVER—HYDROELECTRIC POWER STATIONS

Stronger than a dragon. V. Kassis. Ogonek 39 no. 27: 6-7 Jl '61.

YEMEN—ECONOMIC CONDITIONS

In the south of Arabia. A Shvakov. Az. i Afr. seg. no. 7:32-33 Jl '61.

YEMEN—HARBOR

The port of friendship V. Baknev. Mezhdunar. zhizn' 8 no 9, 103-104 S '61.

YEMEN—MEDICINE

We worked in Hodeida. V. Stepanova. Nov. vrem. 19 no. 33 28-30 Ag '61.

YEMEN—TECHNICAL ASSISTANCE, RUSSIAN

The port of friendship V. Baknev. Mezhdunar. zhizn' 8 no 9:103-104 S '61

YENAKIYEVO—DUST COLLECTORS

Using slag dust caught by dust extractors and electric filters Z V Azarina. TSement 27 no 3, 27 My-Je '61

YENISEY RIDGE—BAUXITE

Iron and titanium in bauxites of the Yenisey Ridge. E. M Bradinskaia Zap Vost. -Sib. otd Vses mia. ob-va no. 1:83-88 '59.

YENISEY RIDGE—CHARNOCKITE

Genesis of charnockites in the southern part of the Yenisey Ridge. T. IA. Kornev. Izv. AN SSSR. Ser. geol. 26 no. 7:115-116 Jl '61.

YENISEY RIVER—NAVIGATION

Russia (1923- U. S. S. R.) Glavnoe upravlenie Severnogo morskogo flota. Instruktsiia dlia kapitanov sudov o plavanii mezhdu IUzhnymi Novozemel'skimi prolivami (IUgorskim Sharom, Karskimi Vorotami) i ustiem Zheianiia i portom Igarka na reke Enisei. Instructions of captains of vessels navigating between Southern Straits of Novaya Zemlya (Yugorski Strait, Kara Gate Strait) or Cape Mauritia and the Port of Igarka on the Yenisei River. [Moskva, 1960] 22 p. [Parallel texts in Russian and English] [MICROFILM]

YENISEY VALLEY—BOULDERS

Due to the action of river ice. K. V. Kurdiukov. Priroda 50 no 8:95-98 Ag '61.

YENISEY VALLEY—GEOLOGY, STRATIGRAPHIC

Continental Senonian sediments in the Chulym-Yenisey interfluve of the West Siberian Plain K. V. Bogolepov. Trudy SNIIGGIMS no. 9 24-32 '60.

Delineation of the Pirovo series in the Chulym-Yenisey interfluve of the West Siberian Plain A. A Bulynnikova Trudy SNIIGGIMS no. 9:33-36 '60.

YENISEY VALLEY—GEOLOGY, STRUCTURAL

Material on the study of recent tectonic movements in the Yenisey Valley portion of the West Siberian Plain (lower and middle Yenisey Valley) S. A Arkhipov Trudy SNIIGGIMS no 9:97-110 '60.

YENISEY VALLEY—SEISMIC PROSPECTING

Surface structure of the Pre-Jurassic basement in the lower Yenisey River according to seismic prospecting data (Yakuty--Ust'-Port). D. B. Tal'virskii, E. M. Khakhalev. Geol. i geofiz. no. 6:96-98 '61.

YEREVAN see Erivan

YERGENI HILLS—GEOLOGY, STRATIGRAPHIC

Problem of the stratigraphic position and age of the so-called "Oncophora beds" in the northern Yergeni Hills [with summary in English]. V. P. Kazakova, G. P. Leonov. Biul. MOIP. Otd. geol. 36 no. 2:30-52 Mr-Ap '61.

YEVPATORIYA—HEALTH RESORTS, WATERING PLACES, ETC.

Is this the way to supervise public councils? A. Kozlov. Okhr. truda i sots. strakh. 4 no. 7:28 Jl '61.

YEW see subdivision under Daba region

YOSHKAR-OLA—DESCRIPTION

Samsonov, P. A. [Yoshkar-Ola, the capital of the Mari A. S. S. R.] Ioshkar-Ola stolitsa Mariiskoi ASSR. [Ioshkar-Ola] Mariiskoe knizhnoe izd-vo, 1960. 61 p.

YOUNG NATIONS see States, New

YOUNG COMMUNIST LEAGUE see Communist Youth League

YOUTH

(see also subdivision under Germany; Transcarpathia)

Lytvyn, M. O. [Two different sources of life facing the younger generation; facts about the conditions of young people in the Soviet Union and the capitalist countries] Dvi doli molodoho pokolinnia; fakty po stanovishche molodi v Radians'komu Soiuzi ta v kapitalistychnykh krainakh. Kyiv, 1961, 45 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 10, no. 1)

Our young contemporary. Nov vrem. 19 no. 31-1-2 Jl '61.

Youth takes a running start. Smena 36 no. 12-1-4 Je '61.

YOUTH—BIBLIOGRAPHY see Bibliography—Youth

YOUTH—CONGRESSES

About those who will come to the forum. Smena 38 no 13:9 Jl '61.

Current account No. 1. Galina Shergova. Ogonek 39 no 27:13 Jl '61.

Forum as an international meeting of youth at a "higher level." Smena 38 no. 9:3 My '61

The forum invites youth. V Shevchenko. Kul't i zhizn' 5 no. 7 5 '61.

Good luck, friends! Aleksandr Kolnelchuk Smena 38 no. 13:3 Jl '61

Letter to the editor from Nelson Vanuzzi, Vice-President of the Union of Students of Brazil. Nov vrem. 19 no. 31:20 Jl '61.

Listen, continents! G. Gurkov. Ogonek 39 no. 30:7 Jl '61.

On the threshold of the atomic age. A. Vinogradov. Smena 38 no. 13:3 Jl '61.

Questionnaire of "Smena." Smena 38 no. 13:3-5 Jl '61.

A "round-table" meeting of young people from all over the world Ukraina no 15 1 Ag '61.

World youth is waiting for the forum. Leonid Luganov. Smena 38 no. 11:6 Je '61.

Youth talks to the world. Smena 38 no. 13:1-2 Jl '61.

YOUTH—EMPLOYMENT

The state of working youth in capitalist countries. I. Kisolev. Mir. ekon. i mezhdunar. otn. no. 7:119-123 Jl '61.

YPERITE (POISON GAS) see Mustard gas

YTTRIUM—ISOTOPES

Mean energy of the β-spectrum of Y^{90} [with summary in English]. E. I. Biriukov, B S Kuznetsov, N S Shimanskaia Zhur. eksp. i teor. fiz. 41 no. 1 22-23 Jl '61.

YTTRIUM CARBIDE

Production and properties of yttrium monocarbide G. V. Samsonov, G N. Makarenko, T. IA. Kosolapova. Zhur prikl khim 31 no. 7 1444-1448 Jl '61

YTTRIUM COMPOUNDS

Coprecipitation of yttrium, zirconium, and barium with potassium sulfate. V. I. Grebenshchikova, V. N. Bobrova. Radiokhimiia 3 no. 4:384-390 '61.

YTTRIUM OXALATE

Composition and solubility of lanthanum and yttrium oxalates. R. V. Bryzgalova, I. V. Chernitskaia. Radiokhimiia 3 no. 4:478-485 '61.

YUGOSLAVIA—BIBLIOGRAPHY

[New literature on Yugoslavia.] Nov. lit. po IUg. nos. 5-6 '61.

YUGOSLAVIA—ORTHODOX EASTERN CHURCH—PERIODICALS

"Glasnik," journal of the Serbian Orthodox Church, nos. 6-12, 1960. P. Kutepov Zhur Mosk. Patr. no 7. 78-80 Jl '61.

ZAGORSK DISTRICT—FOREST INFLUENCES

Heat balance of the deciduous forest during the winter period. IU I. Rauner. Izv. AN SSSR Ser. geog. no 4: 83-90 Jl-Ag '61.

ZAIKEVICH, ANASTASII EGOROVICH, 1842-1931

Founder of scientific sugar beet growing, on the 30th anniversary of the death of A E Zaikevich, Professor of Kharkov University. V. P. Garagulia. Sakh prom 35 no. 7 9-13 Jl '61.

ZAILIYSKIY ALA-TAU see Trans-Ili Ala-Tau

ZAKHAROV, ADRIAN DMITRIEVICH, 1761-1811

A. D. Zakharov. Strol. i arkhit. 9 no. 6:36 Je '61.

ZANZIBAR—POLITICS AND GOVERNMENT

On Zanzibar, Bertol'd Shliman. Nov. vrem. 19 no. 26: 25-27 Jl '61.

ZAPOROZH'YE—CONCRETE REINFORCEMENT

Using anchoring devices developed by the Southern Scientific Research Institute. V. V. Nesterov. Bet. i zhel.-bet no. 6:272 Je '61.

ZAPOROZH'YE—ELECTRIC LOCOMOTIVES—MAINTENANCE AND REPAIR

Center for the repair of electric locomotives at the Zaporozh'ye Plant. N. G. Tverdunov. Zhel. dor. transp. 45 no. 7:69-70 Jl '61.

ZAPOROZH'YE—FOUNDATIONS

Unsolved problem of large-panel construction. N. Krivobokov. Strol. i arkhit. 9 no. 6:30 Je '61.

ZAPOROZH'YE—MEAT INDUSTRY—TECHNOLOGICAL INNOVATIONS

We are introducing progressive methods and modern equipment. N. Sinitsin. Miasn. ind. SSSR 32 no. 1:25-27 '61.

ZAPOROZH'YE—MOTOR VEHICLES

Fel'dman, D. I. [Using capron in industry; practice of the Zaporozh'ye "Kommunar" Automobile Plant] Primenenie kaprona v promyshlennosti; opyt Zaporozhskogo avtomobil'nogo zavoda "Kommunar", stenogramma lektsii. Leningrad, 1961. 43 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Serila: Mekhanicheskaia obrabotka metallov)

ZAPOROZH'YE—TEACHERS, TRAINING OF

Organizing independent work of students on the improvement of their qualifications B. IA Garbaret' Rad shk. 40 no. 5 72-78 My '61

ZAPOROZH'YE PROVINCE—NYLON

Use of capron in the industry of the Zaporozh'ye Economic Council D I Fel'dman Plast. massy no 7 29-38 '61

ZAPOROZH'YE PROVINCE—PROTEINS

Important source of proteins. A. Smirnov. Miasn. ind. SSSR 32 no 3, 37-40 '61

ZARDABI, GASAN-BEK MELIKOV, 1842-1907

Gasan-bek Melikov ZARDABI (1842-1907). M. A. Ibragimov, I. A. Rustamov Gig. i san. 26 no. 3 45-50 Mr '60.

ZARYTSKI, ALIAKSEI, 1911-

A young poet's inspiring songs ("I ask my heart" by Aliaksei Zarytski. Reviewed by L. Salavei) Belarus' 16 no. 8:30 Ag '61

ZAYSAN LAKE REGION—CROCODILES, FOSSIL

Lower Paleogene crocodiles of the Zaysan Depression. V. V. Kuznetsov. Mat. po ist. fauny i flory Kazakh. 3,177-179 '61.

ZAYSAN LAKE REGION—DINOSAURIA

First find of a dinosaurian eggshell in the U. S. S. R V. S. Bazhanov. Trudy Inst. zool. AN Kazakh SSR 15:177-181 '61

ZDOLBUNOV—KILNS, ROTARY

Screening heat exchangers in rotary kilns. G. I Glogoviak TSement 27 no 3:27 My-Je '61.

ZDRODOVSKII, PAVEL FELIKSOVICH, 1890-

P. F. Zdrodovskii and Azerbaijan. R B. Dzhavadov. Vop. virus. 6 no 5:636-637 S-O '60.

ZELENCHUKSKAYA DISTRICT—FARM PRODUCE—MARKETING

This is the way they sell agricultural products in the village of Kardonikskaya. D. Putrin. Sov. deput. trud. no. 8:55-57 Ag '61.

ZELINSKII, NIKOLAI DMITRIEVICH, 1861-1953

A life devoted to science and the motherland B. Kazanskii. Starsh.-serzh. no 2:23 F '61.

ZEOLITES

Adsorption properties and the secondary porous structure of adsorbents having molecular sieve effect Report No 2 Comparison of calculated and experimental extreme values of adsorption and adsorption volumes for type A synthetic zeolites. M. M. Dubinin Izv AN SSSR. Otd khim nauk no. 7:1183-1191 Jl '61

Sorption kinetics of water vapors of the type A zeolites. D. P. Timofeev, I T. Erashko. Izv. AN SSSR. Otd khim nauk no. 7, 1192-1197 Jl '61

ZERNOGRAD—LANDSCAPE ARCHITECTURE

They did it themselves. M. Mariaev Zhil.-kom khoz. 11 no. 6, 31 Je '61.

ZHDANOV—LANDSCAPE GARDENING

Zhdanov goes in for landscape gardening. G. Radionov Zhil.-kom. khoz. 11 no. 7:32 Jl '61.

ZHELEZNOGORSK (IRKUTSK PROVINCE)—DESCRIPTION

Always on the way. Boris Kostiukovskii. Sov. profsoiuzy 17 no. 15, 10-13 Ag '61.

ZHUKOVKA (MOSCOW PROVINCE)—SUPERMARKETS

Rebirth. IU. Alin. Sov. potreb. koop. 5 no. 6:1, 18 Je '61.

ZIANCHURINSKIY DISTRICT—COAL GEOLOGY

Coal occurrences in the upper Carboniferous of the western flange of the Zilair synclinorium. G. S. Senchenko, S. G. Fattakhutdinov. Vop. geol. vost. okr. Rus. platf. i IUzh. Urala no. 6:85-88 '60.

ZINC

Electrochemical study of the system gallium - zinc - mercury. A. T. Nizhnik, M. I Bykova. Zhur. prikl. khim. 34 no. 7:1554-1561 Jl '61.

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut mineral'nogo syr'ia. [Industrial specifications for the quality of raw minerals; a manual for geologists] Trebovaniia promyshlennosti k kachestvu mineral'nogo syr'ia; spravochnik dlia geologov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr. No. 42. Gudalin, G. G. [Lead, zinc, cadmium, silver] Svinets, tsink, kadmii, serebro. Nauchn. red. B. D. Sterkin. 1960. 68 p.

Separation of indium from zinc and their accompanying elements by extraction with alkylphosphoric acids I S Levin, T. V. Zabolotskii. Dokl AN SSSR 139 no 1, 158-159 Jl '61

ZINC—ANALYSIS

Complexometric determination of zinc in some prescription formulas. (from Acta Poloniae pharmaceutica, v. 17, no. 4, 1960). J. Terpilowski, R. Mamczyk. Apt. delo 10 no. 3 86-87 My-Je '61.

ZINC—ISOTOPES

Investigating the radiation from Zn^{63} [with summary in English]. S S Vasilev, Ne Sen-chan [Ne Sêng-ch'ang], L. IA. Shavtovalov Zhur. eksp i teor. fiz. 40 no 2 475-476 F '61.

ZINC ALLOYS

Abramov, P. T., and others. [Replacing bronze and babbitt with zinc alloys; practices of repair shops and stations for locomotives and railroad cars] Primenenie tsinkovogo splava vzamen bronz i babbitov, opyt lokomotivo-vagonoremontnykh zavodov i depo. Moskva, Vses. izdatel'sko-poligr ob"edinenie M-va putei soobshchenila, 1961. 71 p.

ZINC-ALUMINUM ALLOYS see Aluminum-zinc alloys

ZINC AMALGAM

Speed of propagation of ultrasonic waves in certain zinc and cadmium amalgams. A. Z. Golik, I. F. Klassen, G. M. Kuchak. Akust. zhur. 7 no. 2, 258-260 '61.

ZINC CHLORIDE

Reaction of precipitation of basic zinc chlorides by ammonia. A K. Kirakosian Zhur neorg khim 6 no. 7 1718-1723 Jl '61

ZINC-COPPER ALLOYS see Copper-zinc alloys

ZINC-COPPER-SILICON ALLOYS see Copper-silicon-zinc alloys

ZINC OXIDE

Mechanism of the cathodic reduction of zinc oxide phase layers on a zinc electrode. A. I. Oshe, V S Bagotskii Zhur fiz khim 35 no 7 1641-1642 Jl '61

Photocatalytic action of ZnO and TiO_2 in the reactions involving the liberation of oxygen A A Krasnovskii, G P Brin. Dokl AN SSSR 139 no. 1 142-145 Jl '61.

ZINCATES

Effect of the superimposition of alternating current to electrode processes in zincate electrolytes V N. Flerov Zhur prikl khim 34 no. 7 1547-1554 Jl '61.

ZIRCON

Determination of rare earths in zircons. V. I. Bogdanova, G. N. Muravitskaia, E. B Khalezova Trudy IGEM no. 64. Metod. khim. anal min no 1:95-97 '61.

ZIRCONIUM

Elastic scattering of 5.45 mev. protons on zirconium nuclei [with summary in English] V. IA. Golovnia, A P. Kliucharev, B. A Shiliaev. Zhur eksp i teor fiz 41 no 1 32-34 Jl '61

Improving the technology of zirconium articles by casting prestabilized ZrO_2 from water suspensions. D. S. Rutman and others. Ogneupory 26 no. 7, 301-302 '61.

Investigation of atomic layers of zirconium on the faces of tungsten crystals with the aid of electronic and ionic projectors. V N Shrednik. Fiz tver. tela 3 no 6 1750-1761 Je '61.

ZIRCONIUM—ANALYSIS

Colorimetric methods for determining zirconium in alloys. V. G. Goriushina, E. V. Romanova, T. A. Archakova. Zav lab 27 no 7 795-797 '61

Determination of boron in metallic titanium and zirconium. P. V Marchenko Zav. lab. 27 no 7 801-802 '61.

Photometric determination of zirconium in hafnium with the arsenazoIII reagent. S. V. Elinson, N. A Mirzoian. Zav. lab. 27 no. 7 798-801 '61.

ZIRCONIUM—ISOTOPES

Adsorption of radioactive isotopes on non-ion-exchange polymer adsorbents. Part 1: Adsorption of zirconium from hydrochloric acid solutions on fluoroplastic-4. I. E. Starik, I. A. Skul'skii, V. N. Shchebetkovskii. Radiokhimiia 3 no. 4:428-434 '61.

Adsorption of radioactive isotopes on non-ion-exchange polymer adsorbents. Part 2: Adsorption of zirconium on fluoroplastic-4 from acid solutions of alkali metal salts. I. E. Starik, V. N. Shchebetkovskii, I. A. Skul'skii. Radiokhimiia 3 no. 4:435-439 '61.

Angular distributionnof 6.8 mev. protons elastically scattered on nickel and zirconium isotopes [with summary in English] A. K. Val'ter and others. Zhur eksp. i teor. fiz 41 no. 1 71-74 Jl '61

Stripping reactions on Zr^{90} and Zr^{91} nuclei [with summary in English]. N. I. Zaika, O. F. Nemets. Zhur. eksp. i teor. fiz. 40 no. 4:1019-1021 Ap '61.

Using the system p-ditolyl phosphate - $CHCl_3$ in the extraction separation of a carrier-free zirconium isotope of mass 95. S. A. Potapova. Radiokhimiia 3 no. 4:422-427 '61.

Monthly Index *of* Russian Accessions

Volume 14, No. 8 November 1961

THE LIBRARY OF CONGRESS
WASHINGTON : 1961

INTRODUCTORY NOTE

The MONTHLY INDEX OF RUSSIAN ACCESSIONS* is a record of the publications in the Russian language issued in and outside the Soviet Union that are currently received by the Library of Congress and a group of cooperating libraries. Whenever possible, publications printed in other languages spoken in the Soviet Union are also included. However, publications in the languages of the U. S. S. R. issued in countries of Eastern Europe are not included, since they are covered by the *East European Accessions Index*.

The MONTHLY INDEX consists of three parts. Part A lists monographic literature, but no accessions published earlier than 1945 are included. To facilitate the use of this INDEX by readers who are not thoroughly familiar with the Russian language, the title in the original language in Part A is preceded by its English translation in brackets.

Part B lists Russian periodicals received, but excludes accessions printed earlier than 1917. Certain Soviet periodicals are being translated into English from cover to cover and published regularly in translation in the United States and other English-speaking countries. A list of such translated periodicals, their publishers, subscription prices, etc., is given at the end of each issue of the *Monthly Index*. In Part B such periodicals are indicated by an asterisk before the periodical title.

Part C provides subject analysis of the monographic titles listed in Part A and of the articles appearing in the periodicals enumerated in the *List of Periodicals Indexed and Abbreviations Used* at the beginning of Part C. The number and letter in parentheses following each abbreviation indicate the class and subclass in which the periodical appears in Part B. For the convenience of readers desiring to examine only monographs or periodical articles, the monographs are printed in slightly heavier type than the periodical articles. The titles of monographs are given both in the original language and in English translation, whereas titles of periodical articles are given in English translation only.

Sample title: Electric action of the brain in glaucoma. L.S.Levina, G.M.Neishtadt. Vest.oft. 30 no.5: 8–12 S–O '51.

Explanation: An article with title given above in English translation, written by L. S. Levina and G. M. Neishtadt, will be found in the September–October 1951 issue of *Vestnik oftalmologii*, vol. 30, no. 5, pages 8–12.

A cumulative list of periodicals included in the current volume appears in number 12 of that volume. This list is arranged by subject; the symbols of American libraries other than the Library of Congress, known to have files of such periodicals, follow each title.

Except in Part C, the material is divided into 17 subject classes and is arranged alphabetically within each class. In addition, for the convenience of the reader, the serials listed in Part B are divided within each subject class into several subclasses. All entries are transliterated according to the usual Library of Congress system except that ligatures are omitted. Unless otherwise indicated, all listed items are represented in the collections of the Library of Congress. Symbols representing other libraries indicate when items are available in those libraries. Curves ( ) around a symbol indicate that at the time of receipt the material was available in another library but not in the Library of Congress.

Cumulative author, subject, and periodical location indexes to the first four volumes of the MONTHLY INDEX are available as separate publications. Beginning with Volume 5, an author index to the monographs, and a periodical location index for the entire volume are furnished as appendices to the first two issues of the following volume.

Orders for microfilm or photostat copies of the listed items that are in the collections of the Library of Congress may be placed with the Photoduplication Service, Library of Congress, Washington 25, D. C.

The MONTHLY INDEX OF RUSSIAN ACCESSIONS is for sale by the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.

Price of single copies varies; subscription price, $12.00 a year domestic, $16.00 a year foreign. Price of Cumulative Index to Volumes 1–3, $1.50; to Volume 4, $0.60.

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*Volumes 1–10 (No. 9), 1948–1957, issued under title *Monthly List of Russian Accessions*.

SYMBOLS OF LIBRARIES REPORTING RECEIPT OF PUBLICATIONS

AAP	Auburn University, Auburn, Ala.
AMAU	Air University Library, Maxwell Air Force Base, Montgomery, Ala.
AU	University of Alabama, University
AzU	University of Arizona, Tucson
C	California State Library, Sacramento
CCH	Honnold Library, Claremont, Calif.
CCP	Pomona College, Claremont, Calif.
CFS	Fresno State College, Fresno, Calif.
CL	Los Angeles Public Library
CLCM	Los Angeles County Museum Library, Los Angeles
CLL	Los Angeles County Law Library, Los Angeles
CLSU	University of Southern California, Los Angeles
CLU	University of California at Los Angeles
CPT	California Institute of Technology, Pasadena
CSf	San Francisco Public Library
CSfA	California Academy of Sciences, San Francisco
CSt	Stanford College Libraries, Stanford, Calif.
CSt-H	— The Hoover Institution on War, Revolution, and Peace
CStmoR	Rand Corporation, Santa Monica, Calif.
CU	University of California, Berkeley
CU-A	— University of California, Davis
CU-B	— Bancroft Library, Berkeley
CU-M	— Medical Center, San Francisco
CU-Riv	— College of Arts, Letters and Science, Riverside
CU-S	— Scripps Institution of Oceanography, La Jolla
CaAEU	University of Alberta, Edmonton, Canada
CaBVa	Vancouver Public Library, Vancouver, Canada
CaBVaU	University of British Columbia, Vancouver, Canada
CaBViPA	Provincial Archives, Victoria, Canada
CaMWM	Manitoba Medical College, Winnipeg, Canada
CaOKQ	Queen's University, Kingston, Canada
CaOLU	University of Western Ontario, London, Canada
CaOOG	Geological Survey of Canada, Ottawa, Canada
CaOOGB	Geographical Bureau Library, Ottawa, Canada
CaOON	National Research Council, Ottawa, Canada
CaOOS	Dominion Bureau of Statistics, Ottawa, Canada
CaOOU	University of Ottawa, Ottawa, Canada
CaOTR	Royal Canadian Institute, Toronto. (Collection included with CaOTU)
CaOTU	University of Toronto, Toronto, Canada
CaQMAI	Arctic Institute of North America, Montreal, Canada
CaQMM	McGill University, Montreal, Canada
CaQMMM	— Medical Library
CoBBS	U. S. National Bureau of Standards, Boulder Laboratories, Colorado
CoU	University of Colorado, Boulder
CtHT	Trinity College, Hartford, Conn.
CtW	Wesleyan University, Middletown, Conn.
CtY	Yale University, New Haven
CtY-L	— Law Library
CtY-M	— Medical School Library
DA	U. S. Department of Agriculture Library
DAIA	American Institute of Architects Library, Washington, D. C.
DBC	U. S. Bureau of the Census Library
DBS	U. S. Bureau of Standards Library
DC	U. S. Department of Commerce Library
DCU	Catholic University of America Library, Washington, D. C.
DDC	Dominican House of Studies, Immaculate Conception Convent Library, Washington, D. C.
DDO	Dumbarton Oaks Research Library of Harvard University, Washington, D. C.
DFR	Board of Governors of the Federal Reserve System
DI	U. S. Department of the Interior Library
DI-GS	— Geological Survey Library
DN	U. S. Department of the Navy Library
DN-HO	— Hydrographic Office Library
DN-RL	Naval Research Laboratory Library, Anacostia Station, Washington, D. C.
DNIH	National Institutes of Health Library, Bethesda, Md.
DNLM	U. S. National Library of Medicine
DNW	U. S. National War College Library, Fort McNair
DP	U. S. Patent Office Library
DS	U. S. Department of State Library
DSI	Smithsonian Institution Library, Washington, D. C.
DWB	U. S. Weather Bureau Library
DeU	University of Delaware, Newark
FMU	University of Miami, Coral Gables, Fla.
FTaSU	Florida State University, Tallahassee
FU	University of Florida, Gainesville
GAT	Georgia Institute of Technology, Atlanta
GEU	Emory University, Atlanta
GU	University of Georgia, Athens
ICA	Art Institute of Chicago, Chicago
ICF	Chicago Natural History Museum, Chicago
ICJ	John Crerar Library, Chicago
ICMILC	Midwest Inter-Library Center, Chicago
ICN	Newberry Library, Chicago
ICU	University of Chicago, Chicago
ICU-Y	Yerkes Observatory, Williams Bay, Wis.
ICarbS	Southern Illinois University, Carbondale
IEN	Northwestern University, Evanston, Ill.
IHi	Illinois State Historical Library, Springfield
IU	University of Illinois, Urbana
IaAS	Iowa State University of Science and Technology, Ames
IaU	State University of Iowa, Iowa City
IdNTS	National Reactor Testing Station, Technical Library, Phillips Petroleum Company, Idaho Falls, Idaho
In	Indiana State Library, Indianapolis
InIA	Indiana Academy of Science Library, Indianapolis
InLP	Purdue University, Lafayette, Ind.
InNd	University of Notre Dame, Notre Dame, Ind.
InU	Indiana University, Bloomington
KAS	St. Benedict's College, Atchison, Kan.
KU	University of Kansas, Lawrence
KU-M	— Medical Center Library, Kansas City
KyU	University of Kentucky, Lexington
LNHT	Howard-Tilton Memorial Library of Tulane University, New Orleans, La.
LU	Louisiana State University, Baton Rouge
MA	Amherst College, Amherst, Mass.
MB	Boston Public Library
MBU	Boston University
MBdAF	U. S. Air Force Cambridge Research Center, Bedford, Mass.
MCM	Massachusetts Institute of Technology, Cambridge, Mass.
MH	Harvard University, Cambridge, Mass.
MH-A	— Arnold Arboretum, Jamaica Plain
MH-AH	— Andover-Harvard Theological Seminary Library
MH-C	— Chemistry Library
MH-F	— Farlow Reference Library
MH-FA	— Fogg Art Museum Library
MH-GM	— Gordon McKay Library
MH-HY	— Harvard-Yenching Institute (Chinese-Japanese Library)
MH-L	— Law School Library
MH-M	— Schools of Medicine, Public Health and Dental Medicine, Boston
MH-Mi	— Mineralogical Library
MH-P	— Peabody Museum Library
MH-PR	— Physics Research Library
MH-SD	— Graduate School of Design Library
MH-Z	— Museum of Comparative Zoology Library
MNS	Smith College, Northampton, Mass.
MWelC	Wellesley College, Wellesley, Mass.

MWhB	Marine Biological Laboratory, Woods Hole, Mass.
MdBJ	Johns Hopkins University, Baltimore
MdBWA	Walters Art Gallery, Baltimore
MeB	Bowdoin College, Brunswick, Maine
MeWC	Colby College, Waterville, Maine
MiD	*Detroit Public Library*
MiDA	Detroit Institute of Arts
MiDW	Wayne State University, Detroit
MiEM	Michigan State University, East Lansing
MiU	University of Michigan, Ann Arbor
MiU-C	— William L. Clements Library
MiU-L	— *Law Library*
MnU	University of Minnesota, Minneapolis
MnU-B	— Bio-Medical Library
MnU-L	— Law Library
MoKL	Linda Hall Library, Kansas City
MoRM	University of Missouri School of Mines and Metallurgy, Rolla
MoS	St. Louis Public Library
MoSU	St. Louis University, St. Louis
MoSW	Washington University, St. Louis
MoU	University of Missouri, Columbia
MsSM	Mississippi State University, State College
MsU	University of Mississippi, Oxford
MtBC	Montana State College, Bozeman
MtU	Montana State University, Missoula
N	New York State Library, Albany
NB	Brooklyn Public Library
NBC	Brooklyn College, Brooklyn
NBM	Medical Society of the County of Kings and Academy of Medicine of Brooklyn Library, Brooklyn
NBSU-M	State University of New York, College of Medicine Downstate Medical Center Library, Brooklyn
NCorniC	Corning Glass Works Library, Corning, N. Y.
NIC	Cornell University, Ithaca, N. Y.
NIC-A	— State Colleges of Agriculture and Home Economics
NN	New York Public Library
NNC	Columbia University, New York
NNC-L	— Law Library
NNC-M	— Medical Library
NNC-T	— Teachers College Library
NNE	Engineering Societies Library, New York
NNF	Fordham University, New York
NNIS	Library for Intercultural Studies, New York
NNJ	Jewish Theological Seminary of America, New York
NNM	American Museum of Natural History, New York
NNMM	Metropolitan Museum of Art Library, New York
NNNAM	New York Academy of Medicine, New York
NNR	Russell Sage Foundation, College of the City of New York
NNU	New York University Libraries, New York
NNU-W	— Washington Square Library
NNUN	United Nations Library, New York
	ughkeepsie, N. Y.
	chester, N. Y.
	ester, N. Y.
	, N. Y.
	boratory, Upton,
	of North
	gricul-
	l Hill
	Forks
	ord
	gton, N. J.
NjMuB	Bell Telephone Laboratories, Murray Hill, N. J.
NjN	Newark Public Library, Newark, N. J.
NjP	Princeton University, Princeton, N. J.
NjR	Rutgers University, New Brunswick, N. J.
OCH	Hebrew Union College, Cincinnati
OCU	University of Cincinnati, Cincinnati
OCl	Cleveland Public Library
OClBHS	Benedictine High School, Cleveland
OClJC	John Carroll University, Cleveland
OClM	Cleveland Medical Library
OClMA	Cleveland Museum of Art
OClW	Western Reserve University, Cleveland
OCoB	Battelle Memorial Institute, Columbus
OO	Oberlin College, Oberlin, Ohio
OOxM	Miami University, Oxford, Ohio
OSte	Carnegie Library, Steubenville, Ohio
OU	Ohio State University, Columbus
OkS	Oklahoma State University, Stillwater
OkU	University of Oklahoma, Norman
OrCS	Oregon State College, Corvallis
OrPR	Reed College, Portland, Ore.
OrU	University of Oregon, Eugene
P	Pennsylvania State Library, Harrisburg
PBL	Lehigh University, Bethlehem, Pa.
PBm	Bryn Mawr College, Bryn Mawr, Pa.
PHC	Haverford College, Haverford, Pa.
PLF	Franklin and Marshall College, Lancaster, Pa.
PP	Free Library of Philadelphia
PPAN	Academy of Natural Sciences, Philadelphia
PPAmP	American Philosophical Society, Philadelphia
PPC	College of Physicians of Philadelphia
PPDrop	Dropsie College for Hebrew and Cognate Learning, Philadelphia
PPPM	Philadelphia Museum of Art
PPT	Temple University, Philadelphia
PPWI	Wistar Institute of Anatomy and Biology, Philadelphia
PPiCI	Carnegie Institute of Technology, Pittsburgh
PPiU	University of Pittsburgh, Pittsburgh
PRosC	Rosemont College, Rosemont, Pa.
PSC	Swarthmore College, Swarthmore, Pa.
PSt	Pennsylvania State University, University Park
PU	University of Pennsylvania, Philadelphia
PU-BZ	— Botany-Zoology Library
PU-El	— Moore School of Electrical Engineering Library
PU-FA	— School of Fine Arts Library
PU-Math	— Mathematics-Physics Library
PU-Mu	— University Museum Library
PU-Penn	— Penniman Library of Education
PU-Sc	— Towne Scientific School Library
RPB	Brown University, Providence, R. I.
TNJ	Joint University Libraries (Vanderbilt University, George Peabody College for Teachers, and Scarritt College), Nashville, Tenn.
TONS	Oak Ridge Institute of Nuclear Studies, Oak Ridge, Tenn.
TU	University of Tennessee, Knoxville
TxCM	Agricultural and Mechanical College of Texas, College Station
TxDaM	Southern Methodist University, Dallas
TxHR	Rice Institute, Houston
TxLT	Texas Technological College, Lubbock
TxU	University of Texas, Austin
ULA	Utah State Agricultural College, Logan
ViBlbV	Virginia Polytechnic Institute, Blacksburg
ViU	University of Virginia, Charlottesville
ViU-L	— Law Library
ViW	College of William and Mary, Williamsburg
VtMiM	Middlebury College, Middlebury, Vt.
VtU	University of Vermont and State Agricultural College, Burlington
WHi	State Historical Society of Wisconsin, Madison
WU	University of Wisconsin, Madison
WaU	University of Washington, Seattle
WvU	West Virginia University, Morgantown

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lation Cover-to-Cover.

1. GENERAL

ABAISHVILI, G. A. [Tiflis, booklet. Tbilisi; pamiatka. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo," 1961] 42 p. [In Georgian and Russian.]

[EXCURSIONIST'S BOOKLET] Pamiatka ekskursanta. [Moskva] Mosk. rabochii, 1961. 149 p.

[FACTS ABOUT GREAT BRITAIN] Fakty o Velikobritanii, London, TSentr. upr. po informatsii, Spravochnyi otdel, 1957. 40 p.

[MUSEUMS OF LENINGRAD; a short guide] Muzei Leningrada; kratkii spravochnik. Izd. 3., ispr. i dop. [Leningrad] Lenizdat, 1961. 207 p.

ONATS'KYI, IEVHEN. [Little Ukrainian encyclopedia] Ukrains'ka mala entsiklopediia. Buenos Aires, Nakladom Administratury UAPTs v Argentini.
Vol. 6. ME - NA. 1961. 961-1076 p.

2. BIBLIOGRAPHY

AKHVLEDIANI, KHARITON. [Bibliography on southern Georgia] Bibliografiia IUzhnoi Gruzii. Batumi, Gosizdat, 1960. 626 p. [In Georgian and Russian.]
(MH)

GILIAREVSKII, R. S. [Development of modern cataloging principles, a brief outline] Razvitie sovremennykh printsipov knigoopisaniia, kratkii ocherk. Moskva, Izd-vo Vses. knizhnoi palaty, 1961. 182 p.

KAHANOV, I. IA. [The Ukrainian book at the end of the 16th and during the 17th century; sketches from the history of books] Ukrains'ka knyha kintsia XVI-XVII stolit'; narysy z istorii knyhy. Kharkiv, Vyd-vo Knyzhkovoi palaty URSR, 1959. 143 p.
(MH)

LENINGRAD. PUBLICHNAIA BIBLIOTEKA. [Booklet for readers] Pamiatka chitateliu. Izd. 2. Leningrad, 1960. 34 p.

MIKLUKHO-MAKLAI, N. D. [Description of Tajik and Persian manuscripts in the Institute of Asian Peoples] Opisanie tadzhikskikh i persidskikh rukopisei Instituta narodov Azii. Moskva, Izd-vo vostochnoi lit-ry.
No. 2. [Biographic works] Biograficheskie sochineniia. 1961. 167 p.

MOSCOW. PUBLICHNAIA BIBLIOTEKA. [Library work in assisting self-education] Rabota bibliotek v pomoshch' samoobrazovaniiu; metodicheskie materialy. Moskva, 1961. 34 p.

MOSCOW. VSESOIUZNAIA GOSUDARSTVENNAIA BIBLIOTEKA INOSTRANNOI LITERATURY. Otdel zarubezhnogo bibliotekovedeniia. [International Federation of Library Associations, a handbook] Mezhdunarodnaia federatsiia bibliotechnykh assotsiatsii, spravka. Moskva, 1959. 51 p. (Mezhdunarodnye kul'turnye organizatsii)
(CU)

SYTIN, I. D. [A life for books] Zhizn' dlia knigi. Moskva, Gos. izd-vo polit. lit-ry, 1960. 278 p.

3. PHILOSOPHY & RELIGION

AVALIANI, S. SH. [Critical evaluation of G. Reichenbach's philosophy. Filosofiia G. Raikhenbakha; kriticheskii analiz. Tbilisi, Izd-vo AN Gruzinskoi SSR] 1961. 178 p. [In Georgian.]

BAGIROV, G. G. [What is religion?] Din nədir? Baky, Azərbaichan dovlet neshriiiaty, 1961. 79 p. [In Azerbaijani.]

BELIAEV, K. V. [Under the canopy of a temple; notes of a former priest] Pod sen'iu khrama, zapiski byvshego sviashchennika. Simferopol', Krymizdat, 1960. 103 p.
(MH)

BEZPAL'CHII, V. F. [Marxism-Leninism on the sources and the social role of religion] Marksyzm-leninizm pro dzherela ta sotsial'nyi zmist religii. Kyiv, 1961. 41 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. I, no. 1)

[COMMUNISM HAS BECOME A PART OF OUR LIFE] Kommunizm vkhodit v nashu zhizn'. Moskva, Gos. izd-vo polit. lit-ry, 1961. 85 p. (Bibliotechka znanii o kommunizme)

DOLGIKH, F. I., and A. P. KURANTOV. [Communist education and the overcoming of religious vestiges] Kommunisticheskoe vospitanie i preodolenie religioznykh perezhitkov. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 90 p. (Nauchno-populiarnaia biblioteka)

GEIUSHEV, Z. B. [Ethical views of Azerbaijani enlighteners of the second half of the 19th century] Eticheskie vozzrenila azerbaidzhanskikh prosvetitelei, vtoraia polovina XIX veka. Red. A. O. Makovel'skii, F. G. Kocharli. Baku, Akad. nauk Azerbaidzhanskoi SSR, 1960. 211 p. [In Azerbaijani.]
(MH)

GORSKII, D. P. [Problems of abstraction and the formation of ideas] Voprosy abstraktsii i obrazovanie poniatii. Moskva, Izd-vo Akad. nauk SSSR, 1961. 350 p.

GRECHANOV, A. D., and IU. S. MELESHCHENKO. [Significance of V. I. Lenin's work "Materialism and empiriocriticism" for criticism of modern bourgeois philosophy] Znachenie raboty V. I. Lenina "Materializm i empiriokrititsizm" dlia kritiki sovremennoi burzhuaznoi filosofii. Leningrad, Ob-vo po raspr. polit. i nauchnykh znanii RSFSR. Leningr. otd-nie, 1960. 55 p.
(MH)

KOVALGIN, V. M. [How Marxist philosophy struggles against idealism and metaphysics] Marksistskaia filosofiia protiv idealizma i metafiziki. Minsk, Gos. izd-vo sotsial'no-ekon. lit-ry, 1961. 131 p.

[ON THE RELICS OF SAINTS] O sviatykh moshchakh, sbornik materialov. Moskva, Gos. izd-vo polit. lit-ry, 1961. 114 p. (Nauchno-populiarnaia bibliotechka po ateizmu)

ORLOV, V. V. [Dialectical materialism and psychophysiology] Dialekticheskii materializm i psikhofiziologicheskaia problema. Perm', Permskoe knizhnoe izd-vo, 1960. 206 p.
(MH)

ORTHODOX EASTERN CHURCH, UKRAINIAN. [Memorial book of the autocephalous Ukrainian Orthodox Church in Brazil on the occasion of its 25th anniversary, 1930-1955] Propamiatna knyha Ukrainskoi Avtokefal'noi Pravoslavnoi TSerkvi v Brazilii z nahody ii 25-ho iuvileiu, 1930-1955. Curitiba, Brazil, 1959. 115 p. illus.

PORETSKII, IA. L. [Simon Budnyi, a progressive White Russian thinker of the 16th century] Simon Budnyi - peredovoi belorusskii myslitel' XVI veka. Minsk, Izd-vo Belgosuniversitota im. V. I. Lenina, 1961. 64 p.

RZAEV, A. K. [Discussions on behavior] Mədəni davranysh chaggynda söchbətlər. Baky, Azərbaichan ushag və kənchlər ədəbiiiaty nəshriiiaty, 1960. 36 p. [In Azerbaijani.]

SOVESHCHANIE PO PSIKHOLOGII. [Summaries of papers to a conference on psychology] Tezisy dokladov. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1953. 67 p.

SOVESHCHANIE PO PSIKHOLOGII, 1955. [Reports of the Conference on Psychology] Tezisy dokladov. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1955. 182 p.

SOVESHCHANIE PO VOPROSAM PSIKHOLOGII TRUDA. [Summaries of papers to a conference on problems in industrial psychology] Tezisy dokladov. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1957. 63 p.

STRUMILIN, S. G. [God and freedom, faith and unbelief] Bog i svoboda, o vere i neverii. Moskva, Gos. izd-vo polit. lit-ry, 1961. 95 p. (Nauchno-populiarnaia bibliotechka po ateizmu)

VASHCHENKO, HRYHORII. [Development of will and character] Vykhovannia voli i kharakteru. Munich, SUM-u im. L. Ukrainki, 1957. 270 p.
(MIEM)

VOLTAIRE, FRANCOIS MARIE AROUET DE. [God and people; articles, pamphlets, and letters in two volumes. Translated from the French. Preface by E. G. Etkind] Bog i liudi, stat'i, pamflety, pis'ma v dvukh tomakh. Moskva, Izd-vo Akad. nauk SSSR. (Nauchno-ateisticheskaia biblioteka)
Vol. 1. 1961. 440 p.
Vol. 2. 1961. 426 p.

VYSHESLAVTSEV, B. P. [Philosophical poverty of Marxism] Filosofskaia nishcheta marksizma. Izd. 2. Frankfurt am Main, Posev, 1957. 232 p.
(CLU)

[WHAT THE PEOPLE SAY ABOUT RELIGION; based on materials of Russian, Ukrainian and White Russian folklore] Narod o religii; na materialakh russkogo, ukrainskogo i belorusskogo fol'klora. Moskva, Gos. izd-vo polit. lit-ry, 1961. 311 p

WITTGENSTEIN, LUDWIG. [Tractatus logico-philosophicus. Translated from the German] Logiko-filosofskii traktat. Obshchaia red. i predisl. V. A. Asmusa. Moskva, Izd-vo inostr. lit-ry, 1958. 131 p.
(RPB)

ZEN'KOVSKII, V. V. [Apologetics] Apologetika. Paris [YMCA-Press] 1957. 260 p.
(RPB)

4. HISTORY

ADAMIIA, V. I. [History of British intervention in Georgia from 1918 to 1921] Iz istorii angliiskoi interventsii v Gruzii, 1918-1921 gg. Sukhumi, Algosizdat, 1961. 257 p.

AKADEMIIA NAUK SSSR. [World history in ten volumes] Vsemirnaia istoriia v desiati tomakh. Glav. red. E. M. Zhukov i dr. Moskva, Izd-vo sotsial'no-ekon. lit-ry.
Vol. 8. Pod red. I. I. Mintsa i dr. 1961. 642 p.

AKADEMIIA NAUK SSSR. Institut istorii. [Byzantine sketches] Vizantiiskie ocherki. Moskva, 1961. 281 p.

AKADEMIIA NAUK SSSR. Institut istorii. Chartizm; sbornik statei. Moskva, 1961. 462 p.

AKADEMIIA NAUK SSSR. Institut slavianovedeniia. [Slavic archives] Slavianskii arkhiv; sbornik statei i materialov. Moskva, 1961. 270 p.

AKADEMIIA NAUK SSSR. Institut vostokovedeniia. [Synchronous tables correlating the Hejira and European chronology] Sinkhronisticheskie tablitsy khidzhry i evropeiskogo letoschisleniia. Moskva, 1961. 285 p.

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Leningradskii institut pedagogiki. [Continuity in the methods of teaching history from the third through the fifth grades] Preemstvennost' v metodakh prepodavaniia istorii, III-V klassy. Pod red. E. I. Nikandrovoi. Moskva, 1961. 45 p. (Pedagogicheskie chteniia)

ANTOKHIN, P. [History of the struggle for Soviet rule in the Far East] Iz istorii bor'by za vlast' Sovetov v Primor'e. Izd. 2., peresmotrennoe, i dop. Vladivostok, Primizdat, 1947. 67 p.

BARAMIDZE, NODAR. [Hero of the civil war, Nestor Kalandarishvili. Geroi grazhdanskoi voiny Nestor Kalandarishvili. Batumi, Gos. izd-vo] 1960. 54 p. [In Georgian]
(MH)

BATURIN, M. [The U.S.A. and the Munich Agreement, from the history of American foreign policy in 1937 and 1938] SShA i Miunkhen, iz istorii amerikanskoi vneshnei politiki, 1937-1938 gg. Moskva, Izd-vo in-ta mezhdunarodnykh otnoshenii, 1961. 206 p.

BELIAEVSKII, S. I. [V. I. Lenin in Shushenskoye, the life and revolutionary activities of V. I. Lenin in Siberian exile] V. I. Lenin v Shushenskom, zhizn' i revoliutsionnaia deiatel'nost' V. I. Lenina v sibirskoi ssylke. [Krasnoiarsk, Krasnoiarskoe knizhnoe izd-vo, 1960. 110 p.
(MH)

BEZYMENSKII, L. A. [German generals under Hitler and after his death] Germanskie generaly - s Gitlerom i bez nego. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 367 p.

BONDAR, M. M. [Monuments of the ancient past in Kanev on the Dnieper] Pam'iatky starodavn'oho mynuloho Kanivs'koho Prydniprov'ia. [Kyiv] Vyd-vo Kyivs'koho univ., 1959. 78 p.
(MH)

BUDENNYI, S. M. [The ground covered] Proidennyi put'. Moskva, Voen. izd-vo M-va obor. SSSR, 1959. 1 v.
(RPB)

CANDELORO, GIORGIO. [Modern history of Italy. Translated from the Italian] Istoriia sovremennoi Italii. Moskva, Izd-vo inostr. lit-ry.
Vol. 2. [From the Restoration to the national revolution] Ot Restavratsii do National'noi revoliutsii. Red. N. V. Rudnitskaia. 1961. 568 p.

[CHRONICLE OF FRIENDSHIP BETWEEN THE GEORGIAN AND RUSSIAN PEOPLES FROM ANCIENT TIMES TO THE PRESENT, literary works, documents, letters, memoirs, articles] Letopis' druzhby gruzinskogo i russkogo narodov s drevnikh vremen do nashikh dnei, khudozhestvennye proizvedeniia, dokumenty, pis'ma, memuary, stat'i. Tbilisi, Izd-vo Soiuza pisatelei Gruzii "Zaria Vostoka."
Vol. 1. 1961. 573 p.
Vol. 2. 1961. 505 p.

[CHRONICLE OF INTERNATIONAL EVENTS IN 1960] Khronika mezhdunarodnykh sobytii, 1960 god. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1961. 249 p.

CHUB, DMYTRO. [In the forest near Vyazma, feature articles on the Second World War] V lisakh pid Viaz'moiu, reportazh-spohady pro druhu svitovu viinu. Munich, Dniprova Khvylia, 1958. 108 p.
(MiD)

ELIUTIN, IU. P. [The role of Latin America in present-day international relations] Rol' stran Latinskoi Ameriki v sovremennykh mezhdunarodnykh otnosheniiakh. Moskva, Izd-vo "Znanie," 1961. 46 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 7, Mezhdunarodnaia, no. 16)

ELYSEEV, THEODORE. [Cossack Lieutenant Gamalii's raid on Mesopotamia in May, 1916] Reid sotnika Gamelina v Mesopotamiiu v mae 1916 goda. New York, 1957. 25,24 p.
(NN)

ELYSEEV, THEODORE. [On the banks of the Kuban] Na beregakh Kubani. New York, 1955-1959. 17 nos. bd. in 1 v.
(NN)

FRANK, ANNE. [Diary of Anne Frank. Translated from the Dutch] Dnevnik Anny Frank. Predislovie Il'i Erenburga. Red. I. Karintseva. Moskva, Izd-vo inostr. lit-ry, 1960. 235 p.
(NN)

GAIDOVSKII, G. N., and A. A. UZLIAN. [With "Leica" and notebook; recollections of the war years] S "leikoi" i bloknotom, vospominaniia voennykh let. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 123 p.

GEORGIA (Transcaucasia). TSentral'nyi gosudarstvennyi istoricheskii arkhiv. [A guide to the State Central Historical Archives] Putevoditel'. Pod red. A. Iovidze. Tbilisi, Izd-vo Arkhivnogo upr. MVD GSSR, 1947. 208 p. (Gosudarstvennye arkhivy Gruzii. Nauchno-spravochnye posobiia)
(MH)

GLADKOV, V. F. [El'tigen landing] Desant na El'tigen. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 261 p. (Voennye memuary)

GOGUEL, RUDI, and HEINZ POHL. [Oder-Neisse, border of peace. Translated from the German] Oder-Neisse, granitsa mira. Moskva, Izd-vo inostr. lit-ry, 1960. 198 p.
(CLU)

GORBUNOV, T. S. [Fraternal peoples, contacts of the White Russian people with Baltic peoples] Narody-brat'ia, o sviaziakh belorusskogo naroda s narodami Pribaltiki. Minsk, 1961. 28 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Belorusskoi SSR, no. 17)

GOR'KII, MAKSIM. V. I. Lenin. Moskva, Gospolitizdat, 1959. 55 p.
(CLU)

GRUSHIN, B. A. [Studies on the logic of historical research, development and the problems of its scientific reconstruction] Ocherki logiki istoricheskogo issledovaniia, protsess razvitiia i problemy ego nauchnogo vosproizvedeniia. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 211 p.

GUBER, A. A., and A. N. KHEIFETS. [Modern history of the foreign countries of the East, a textbook for teachers colleges] Novaia istoriia stran zarubezhnogo Vostoka, uchebnik dlia pedagogicheskikh institutov. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 241 p.

HOUGH, FRANK O. [The island war. Abridged translation from the English. Preface by G. M. Gel'fond] Voina na ostrovakh. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 456 p.

HURZHII, I. O., ed. [Reader on the history of the Ukrainian S.S.R.; from the late 1850's to February 1917] Knyha dlia chytannia z istorii Ukrains'koi RSR, z kintsia 50-kh rokiv XIX st. do liutoho 1917 roku. [Kyiv] Derzh. uchbovo-pedagog. vyd-vo "Radians'ka shkola," 1961. 414 p.

IVANYS, VASYL'. [The paths of my life] Stezhkamy zhyttia, spohady. Neu-Ulm/Donau.
Book 3. [The Kuban and the Denikin Army] Kubans'kyi Kraj i denikiniiada. 1960. 350 p.

KANN, P. IA. [Lenin's abodes in Leningrad] Leninskie mesta v Leningrade. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR. Leningr. otd-nie, 1960. 62 p.
(MH)

KARIAKIN, IU. F., and E. G. PLIMAK. [Mr. Kohn studies the "Russian soul."] Mister Kon issleduet "russkii dukh." Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 182 p. (Protiv fal'sifikatsii istorii)

KHOLOPOV, G. K. [Romantic on horseback; authentic stories on the war] Romantik na kone; nevydumannye rasskazy o voine. Moskva, Izd-vo "Pravda," 1961. 16 p. (Biblioteka "Ogonek," no. 34)

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. Ul'ianovskii oblastnoi komitet. Partiinyi arkhiv. [Simbirsk Government during the civil war, collected documents] Simbirskaia guberniia v gody grazhdanskoi voiny; sbornik dokumentov. [Ul'ianovsk] Ul'ianovskoe knizhnoe izd-vo
Vol. 2. 1960.
(CU)

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. Vysshaia partiinaia shkola. Kafedra mezhdunarodnykh otnoshenii i vneshnei politiki SSSR. [International relations and foreign policy of the U.S.S.R., from 1917 to 1960; a textbook] Mezhdunarodnye otnosheniia i vneshniaia politika SSSR, 1917-1960, uchebnoe posobie. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 607 p.

KORIONOV, V. G. and N. N. IAKOVLEV. [The U.S.S.R. and the U.S.A. must live in peace; the past and present of Soviet-American relations] SSSR i SShA dolzhny zhit' v mire, sovetsko-amerikanskie otnosheniia: proshlое i nastoiashchee. Moskva, Gos. izd-vo polit. lit-ry, 1961. 135 p.

KUNINA, M. L., and V. D. MARKOVA. [How the French Communists struggled for the popular front from 1934 to 1936] Kommunisty Frantsii v bor'be za narodnyi front, 1934-1936 gg. Moskva, Gos. izd-vo polit. lit-ry, 1961. 207 p.

[LIBERATION OF BULGARIA FROM THE TURKISH YOKE, documents in three volumes] Osvobozhdenie Bolgarii ot turetskogo iga, dokumenty v trekh tomakh. Moskva, Izd-vo Akad. nauk SSSR,
Vol. 1. [The liberation struggle of the southern Slavs and Russia from 1875 to 1877] Osvoboditel'naia bor'ba iuzhnykh slavian i Rossii, 1875-1877. Pod red. S. A. Nikitina i dr. 1961. 713 p.

MAIAKOVSKII, I. L. [Archives in ancient and feudal slave holding states] Arkhivy i arkhivnoe delo v rabovladel'cheskikh gosudarstvakh drevnosti i v epokhu feodalizma; posobie dlia studentov Moskovskogo gosudarstvennogo istoriko-arkhivnogo instituta. Pod red. V. V. Maksakova. Moskva, Mosk. gos. istoriko-arkhiv. in-t, 1959. 90 p. (Arkhivy i arkhivnoe delo v inostrannykh gosudarstvakh, no. 1)
(MH)

MAL'KOV, P. D. [Notes of the Commandant of the Moscow Kremlin] Zapiski komendanta Moskovskogo Kremlia. Izd. 2., perer. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 205 p.

[MAN WITH A CAPITAL LETTER] Chelovek s bol'shoi bukvy, [sbornik. Kaluga] Kaluzhskoe knizhnoe izd-vo, 1960. 53 p. (Bortsy za vlast' Sovetov)
(MH)

MATVEEV, I. G. [Roots of eternal friendship] U istokov vechnoi druzhby. [Novosibirsk] Novosibirskoe knizhnoe izd-vo, 1959. 146 p.
(InU)

MAVRODIN, V. V. [The peasant war in Russia in 1773-1775; the Pugachov Rebellion] Krest'ianskaia voina v Rossii v 1773-1775 godakh; vosstanie Pugacheva. [Leningrad] Izd-vo Leningr. univ.
Vol. 1. 1961. 586 p.

MEDZVELIIA, KONSTANTIN. [Georgian and Russian revolutionaries of the 1860's. Gruzinskie shestidesiatniki i russkie revoliutsionnye deiateli 60-kh godov.] Tbilisi, TSodna, 1959. 348 p. [In Georgian.]
(MH)

MEL'NIKOV, E. N. [Foreign policy of the Czechoslovak Socialist Republic] Vneshniaia politika Chekhoslovatskoi Sotsialisticheskoi Respubliki. Moskva, Izd-vo in-ta mezhdunarodnykh otnoshenii, 1961. 71 p. (Vneshniaia politika mezhdunarodnye otnosheniia)

MOHARYCHOVA, K. [On the eve of the first revolution in Russia, 1898-1904] Naperedodni pershoi revoliutsii v Rosii, 1898-1904. [Dnipropetrovsk] Dnipropetrovs'ke knyzhkove vyd-vo, 1960. 44 p. (Z istorii Dnipropetrovskoi oblasnoi partiinoi organizatsii, no. 2)
(MH)

MOSCOW. GOSUDARSTVENNYI ISTORICHESKII MUZEI. [Yearbook of the State Historical Museum] Ezhegodnik gosudarstvennogo istoricheskogo muzeia. Moskva, 1960. 182 p.

MOSCOW. INSTITUT ISTORII PARTII. [People's avengers] Narodnye mstiteli. [Moskva] Mosk. rabochii, 1961. 279 p.

MOSCOW. INSTITUT MEZHDUNARODNYKH OTNOSHENII. [Problems of modern and contemporary history] Voprosy novoi i noveishei istorii. Moskva, IMO, 1959. 232 p. tables.
(NNC)

OSIPOV, K., pseud. Aleksandr Vasil'evich Suvorov. Moskva, Voen. izd-vo, 1950. 380 p.
(MH)

PANTELEEV, V. M. [Polutnyanyy Zavod, a historical sketch] Polotnianyi Zavod, istoricheskii ocherk. [Kaluga] Kaluzhskoe knizhnoe izd-vo, 1959. 44 p.
(MH)

[PEOPLE WILL NEVER FORGET THIS [Liudi etogo ne zabudut. Moskva, Izd-vo "Pravda," 1961. 78 p. (Biblioteka "Komsomol'skoi pravdy," no. 9)

PICHETA, V. I. [White Russia and Lithuania in the 15th and 16th centuries; studies on the history of their socioeconomic, political and cultural developments] Belorussiia i Litva XV-XVI vv., issledovaniia po istorii sotsial'no-ekonomicheskogo, politicheskogo i kul'turnogo razvitiia. Moskva, Izd-vo Akad. nauk SSSR, 1961. 814 p.

POSTOL'SKAIA, SHURA. [Letters from the front] Frontovye pis'ma, Moskva, Sovetskaia Rossiia, 1959. 60 p.
(MH)

PRIBYTKOVSKII, L. N. [Nigeria in the struggle for independence] Nigeriia v bor'be za nezavisimost'. Moskva, Izd-vo vostochnoi lit-ry, 1961. 190 p.

SEIFUL'-MULIUKOV, F. M. [Portuguese colonies in Africa] Portugal'skie kolonii v Afrike. Moskva, Izd-vo "Znanie," 1961. 47 p. Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 7, Mezhdunarodnaia, no. 15)

SHABAD, B. A. [Ideological foundations of present-day colonialism] Ideologicheskie osnovy sovremennogo kolonializma. Moskva, Izd-vo vostochnoi lit-ry, 1961. 102 p.

SMOLENSK. OBLASTNOI KRAEVEDCHESKII MUZEI. [Concise guide for the section on prerevolutionary history] Kratkii putevoditel' po otdelu istorii dorevoliutsionnogo proshlogo. [By] A. E. Minkin, T. N. Krivosheina. Smolensk, 1960. 50 p.
(MH)

SOFRONENKO, K. A. [Social and political system of the Kingdom of Van] Obshchestvenno-politicheskii stroi Urartu. [Moskva] Izd-vo Mosk. univ., 1961. 47 p.

SOLOV'EV, S. M. [History of Russia from ancient times] Istoriia Rossii s drevneishikh vremen. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1959. 15 v.
(CLSU)

SORKIN, G. Z. [The First Congress of Oriental Peoples] Pervyi s"ezd narodov Vostoka, Moskva, Izd-vo vostochnoi lit-ry, 1961. 78 p.

STASOVA, E. D. [Vladimir Il'ich Lenin was such a man] Takim byl Vladimir Il'ich Lenin. Moskva, Gos. izd-vo detskoi lit-ry M-va prosv. RSFSR, 1961. 23 p.

SUKHORUKOV, V. T. [The 11th Army in battles for the Northern Caucasus and Lower Volga regions (1918-1920)] XI armiia v bolkh na Severnom Kavkaze i Nizhnei Volge, 1918-1920 gg. Moskva, Voen. izd-vo obor. SSSR, 1961. 286 p.

TALENSKII, N. A. [The nature of the Second World War] O kharaktere vtoroi mirovoi voiny. Moskva, Gos. izd-vo polit. lit-ry, 1961. 34 p. (Konsul'tatsii po istorii KPSS)

[THE U. S. S. R. UNDER THE RULE OF THE JEWS] SSSR pod evreiskim praviteľstvom. Union, N. J., Komitet russkikh rabov evreiskogo kommunizma, 1961. 45 p. [4 p. insert in English]

VINOGRADOV, V. N. [Russia and the unification of the Rumanian principalities] Rossiia i ob"edinenie rumynskikh knizhestv. Moskva, Izd-vo Akad. nauk SSSR, 1961. 329 p.

VOLODIN, L. D., and O. L. ORESTOV. [Trying times of the Congo; political report] Trudnye dni Kongo; politicheskii reportazh. Moskva, Gos. izd-vo polit. lit-ry, 1961. 190 p.

ZAKHER, IA. M. [Movement of the "possessed."] Dvizhenie "besheniykh," Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 221 p.

ZHIKHAREV, N. A. [The First Revolutionary Committee in Chukotka, 1919-1920, collected documents and materials] Pervyi Revkom Chukotki, 1919-1920 gg., sbornik dokumentov i materialov. [Magadan] Magadanskoe knizhnoe izd-vo, 1957. 128 p.
(InU)

ZORINA, A. M. [Heroic past of the Cuban people] Iz geroicheskogo proshlogo kubinskogo naroda. Moskva, Izd-vo Akad. nauk SSSR, 1961. 302 p.

5. SOCIAL SCIENCES

[THE ABKHAZIAN A. S. S. R.] Abkhazskaia ASSR. Sukhumi, Abgosizdat, 1961. 148 p.

ABKHAZIAN A. S. S. R. Statisticheskoe upravlenie. [Forty years of the achievements of Soviet Abkhazia in figures] Dostizheniia Sovetskoi Abkhazii za 40 let v tsifrakh. Tbilisi, Gosstatizdat, 1961. 206 p.

ABSHILAVA, AKAKI. [Workers of the Ochamchire District in the Abkhazian A. S. S. R. during the Great Patriotic War, 1941-1945] Trudiashchiesia Ochamchirskogo raiona Abkhazskoi ASSR v gody Velikoi Otechestvennoi voiny (1941-1945). Sukhumi, Abgosizdat, 1960. 170 p.
(MH)

[AGITATOR'S NOTEBOOK. Special edition devoted to the Sixth World Festival of Youth and Students] Spetsial'nyi vypusk, posviashchennyi VI Vsemirnomu festivaliu molodezhi i studentov. [Moskva, Moskovskaia pravda, 1957] 151 p.

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. IUgo-Osetinskii nauchno-issledovatel'skii institut, Stalinir. [Restoration and development of the national economy of South Ossetia; collected documents and materials, 1921-1929] Vosstanovlenie i razvitie narodnogo khoziaistva IUgo-Osetii, sbornik dokumentov i materialov, 1921-1929 gg. Pod red. V. A. TSomaia. Sost. I. N. TSkhovrebov i dr. Stalinir, Gosizdat IUgo-Osetii, 1960. 560 p. (Istoriia IUgo-Osetii v dokumentakh i materialakh, 1921-1958 gg., no. 1)
(MH)

AKADEMIIA NAUK SSSR. Institut gornogo dela. [Cost parameters for planning mining operations in the Donets Basin] Stoimostnye parametry dlia proektirovaniia shakht Donbassa. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 63 p.

AKADEMIIA NAUK SSSR. Institut istorii. [Changes in the size and composition of the Soviet working class] Izmeneniia v chislennosti i sostave sovetskogo rabochego klassa, sbornik statei. Moskva, 1961. 371 p.

AKADEMIIA NAUK SSSR. Moldavskii filial. Institut ekonomiki. [Communist labor movement and problems of economics in enterprises; from materials of the conference on economics held in Tiraspol] Dvizhenie za kommunisticheskii trud i voprosy ekonomiki predpriiatii, po materialam ekonomicheskoi konferentsii v g. Tiraspole. Kishinev, Shtiintsa, 1961. 143 p.
(MH)

AKADEMIIA NAUK SSSR. Otdelenie ekonomicheskikh, filosofskikh i pravovykh nauk. [Social and economic problems of technological progress] Sotsial'no-ekonomicheskie problemy tekhnicheskogo progressa; materialy nauchnoi sessii. Moskva, 1961. 478 p.

AKHRAMOVICH, R. T. [Afghanistan after the Second World War, historical study] Afganistan posle vtoroi mirovoi voiny; ocherk istorii. Moskva, Izd-vo vostochnoi lit-ry, 1961. 175 p.

ALAVIDZE, G. [Citrus state farms of Georgia] TSitrusovye sovkhozy Gruzii. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo," 1960. 125 p.

ANDREEV, G. [Expansion of the dollar] Ekspansiia dollara. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 479 p.

ANTONOVSKII, S. IU. [Vegetables at reasonable prices all year round] Deshevye ovoshchi - kruglyi god. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 110 p.

ARONOV, A. KH., S. F. VVEDENSKII, and I. I. SHTUL'MAN. [Study of general consumers' goods] Tovarovedenie kul'tovarov. Pod obshchei red. D. A. Andrusevicha. Moskva, Izd-vo TSentrosoiuza, 1960. 556 p.

[AT THE HEAD OF THE MASSES; from the work experience of rural party organizations] Vo glave mass; iz opyta raboty sel'skikh partorganizatsii. [Orel] Orlovskoe knizhnoe izd-vo, 1960. 70 p.
(MH)

BERDONOSOV, K. P. [Commodity production and the law of value] Tovarnoe proizvodstvo i zakon stoimosti [Leningrad] Izd-vo Leningr. univ., 1961. 45 p. (V pomoshch' studentam vechernikh i zaochnykh vuzov)

BERLIAND, A. S. [Expertise on the temporary loss of capacity to work] Ekspertiza vremennoi netrudosposobnosti. Izd. 2, ispr. i dop. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 175 p. (Biblioteka prakticheskogo vracha)

BLOKNOT AGITATORA (Leningrad). [Special issue "Let's prepare for the 22d Congress of the CPSU] Spetsial'nyi vypusk Navstrechu XXII s"ezdu KPSS. [Leningrad, Lenizdat, 1961]. 175 p.

BOBRAKOV, IU. I., and E. V. BUGROV. [Economy of the U. S. A. is in a labyrinth of contradictions] Ekonomika SShA v labirinte protivorechii. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1961. 50 p.

BOIARSKII, A. IA. [Mathematics for economists] Matematika dlia ekonomistov. Izd. 2., perer. i dop. Moskva, Gosstatizdat TsSU SSSR, 1961. 463 p.

BORISOVSKII, S. P., ed. [Drafting a plan for housing and municipal services] Metodika sostavleniia plana zhilishchno-kommunal'nogo khoziaistva. Izd. 2., perer. i dop. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1959. 449 p.
(CLU)

BREEV, M. V., ed. [Problems in national economic planning] Voprosy narodnokhoziaistvennogo planirovaniia, sbornik statei. Redkollegiia, Ilkina, A. S., Kozlov, L. A., Ozerov, V. K. Moskva, Mosk. gos. ekon. in-t, 1958. 226 p.

BUDAVEI, V. IU. [What are the fixed assets and working capital of an enterprise] Chto takoe osnovnye i oborotnye fondy predpriiatii. Pod obshchei red. L. A. Leont'eva. [Moskva] Mosk. rabochii, 1961. 51 p. (Osnovy ekonomicheskikh znanii - kazhdomu rabochemu)

CHIRKIN, V. E. [Reorganizing industrial management in the people's democracies] Reorganizatsii upravleniia promyshlennost'iu v stranakh narodnoi demokratii. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 161 p.

CHUKHNO, D. F. [Economic aspects of fruit growing] Ekonomika sadovodstva. Kiev, Gos. izd-vo sel'khoz. lit-ry USSR, 1961. 242 p.

[COLLECTIVE-FARM ACCOUNTANT'S REFERENCE BOOK] Spravochnik bukhgaltera kolkhoza. Moskva, Gos. izd-vo sel'khoz. lit-ry zhurnalov i plakatov, 1961. 583 p.

DADASHEV, K. K. [National income of Soviet Azerbaijan] Sovet Azərbaijanynyn milli gəliri. Baky, Azərbaijan dövlət nəshriiaty, 1961. 79 p. [In Azerbaijani]

DAR'IAN, V. A. [Developing light industry in Soviet Armenia. Razvitie legkoi promyshlennosti v Sovetskoi Armenii. Gos. nauchno-tekhn. izd-vo] 1960. 99 p. [In Armenian.]

DAVYDOV, A. I. [The growth and rapid development of the socialist city of Kiev] Roste i kvitne sotsialistychnyi Kyiv. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1961. 133 p.

DEL'VING, K. IU., and V. D. SOKOLOV. [Store's accounting and reports] Uchet i otchetnost' magazina. Moskva, Gos. izd-vo torg. lit-ry, 1961. 190 p.

DEMYDIUK, F. H. [Let's carry out the decisions of the January 1961 plenary sessions of the Central Committees of the CPSU and the Communist Party of the Ukraine in an exemplary fashion] Zrazkovo vykonaiemo rishennia sichnevykh Plenumiv TsK KPRS i TsK KP Ukrainy 1961 r. Kyiv, 1961. 43 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 5, no. 5)

DENISOV, B. A. [Critical evaluation of present-day bourgeois theories of the future society] Kritika sovremennykh burzhuaznykh teorii o budushchem obshchestve. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 51 p.

DOM POLITICHESKOGO PROSVESHCHENIIA, Moscow. [How to study the economics of socialism] Kak izuchat' politicheskuiu ekonomiiu sotsializma; posobie dlia rukovoditelei seminarov sistemy partiinogo prosveshcheniia. [Moskva] Mosk. rabochii, 1961. 239 p.

DRAGILEV, M. S. [Critical evaluation of present-day imperialism in economics courses] Kritika sovremennogo imperializma v kurse politicheskoi ekonomii. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 125 p.

LOGINOV, S. P., and M. P. TOLKACHEV. [Calculation methods in shipbuilding] Metody kal'kulatsii v sudostroenii. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 187 p.

LOKSHIN, E. IU. [Development according to plan and planning, on the law of planned development of the national economy and socialist planning] Planomernost' i planirovanie; o zakone planomernogo razvitiia narodnogo khoziaistva i sotsialisticheskom planirovanii. Moskva, Izd-vo "Znanie," 1961. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, Ekonomika, no. 15)

MAKAROV, E. A. [Price determination in construction] O tsenoobrazovanii v stroitel'stve, nauchnoe soobshchenie. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 26 p.

MARDZHANIAN, A. M. [Developing machinery manufacture in Armenia. Razvitie mashinostroeniia Armenii. Erevan, Armianskoe gos. izd-vo Aipetrat] 1961. 98 p. [In Armenian.]

MARTYNOV, V. F. [Development of power in Soviet Armenia. Razvitie energetiki Sovetskoi Armenii. Erevan, Armianskoe gos. izd-vo Aipetrat] 1961. 84 p. [In Armenian.]

[MASTERS OF HIGH SPEED TRAIN TRAFFIC] Mastera skorostnogo prodvizheniia poezdov. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 73 p. (Zheleznodorozhniki - Geroi Sotsialisticheskogo Truda)

MATVEEV, B., and P. MOROZOV, comp. [Economics of industrial enterprises; visual aid] Ekonomika promyshlennykh predpriiatii, naglidnoe posobie. [Moskva] Gos. izd-vo polit. lit-ry, 1961. 78 p.

MENCHINSKII, V. V. [Preparing a district budget] Sostavlenie biudzheta raiona. Moskva, Gosfinizdat, 1961. 100 p. (V pomoshch' finansovomu rabotniku)

MEZENTSEV, S. P. [Party and the creative initiative of the masses] Partiia i tvorcheskaia initsiativa mass. Moskva, Izd-vo "Znanie," 1961. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. I, Istoriia, no. 15)

MIROSHCHENKO, S. M., and V. A. TUR. [Procedure for computing and paying the turnover tax] Poriadok ischisleniia i uplaty naloga s oborota. Moskva, Gosfinizdat, 1961. 114 p. (V pomoshch' finansovomu rabotniku)

MOCHALOV, B. M. [Commodity production, the law of value, and money under socialism; lecture on the economics of socialism] Tovarnoe proizvodstvo, zakon stoimosti i den'gi pri sotsializme; lektsiia po kursu politicheskoi ekonomii sotsializma. [Moskva] Izd-vo Mosk. univ., 1961. 64 p.

MOLDAVIAN SSR. Statisticheskoe upravlenie. [Women of Moldavia; concise statistical reference book] Zhenshchiny Moldavii; kratkii statisticheskii spravochnik. Kishinev, Gosstatizdat, 1961. 67 p.

[MONOPOLY CAPITAL IN THE PETROLEUM INDUSTRY OF RUSSIA, 1883-1914] Monopolisticheskii kapital v neftianoi promyshlennosti Rossii, 1883-1914; dokumenty i materialy. Moskva, Izd-vo Akad. nauk SSSR, 1961. 793 p.

MOSCOW. AKADEMIIA OBSHCHESTVENNYKH NAUK. [Labor productivity problems during the period of the building of communism] Voprosy proizvoditel'nosti truda v period stroitel'stva kommunizma. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 430 p.

MOSCOW. EKONOMIKO-STATISTICHESKII INSTITUT. [Problems in statistics and accounting] Voprosy statistiki i ucheta. Moskva, Gosstatizdat, TsSU SSR.
No. 3. [Collection of articles on labor productivity statistics in industry] Sbornik statei po statistike proizvoditel'nosti truda v promyshlennosti. 1961. 145 p.

MOSCOW. INSTITUT ORGANIZATSII ZDRAVOOKHRANENIIA I ISTORII MEDITSINY IMENI N. A. SEMASHKO. [Health and demographic data of foreign countries] Sanitarno-demograficheskie materialy zarubezhnykh stran. Pod red. A. M. Merkova. Moskva, Medgiz.
No. 2. [Causes of death from 1900 to 1955] Prichiny smerti naseleniia s 1900 po 1955 g. Sost. E. I. Deichman. 1961. 56 p.

MOSCOW. NAUCHNO-ISSLEDOVATEL'SKII EKONOMICHESKII INSTITUT. [United States is loosing the economic competition] SShA proigryvaiut ekonomicheskoe sorevnovanie. Moskva, Izd-vo ekon. lit-ry, 1961. 295 p.

MOSCOW. NAUCHNO-ISSLEDOVATEL'SKII FINANSOVYI INSTITUT. [Planning and calculating the cost of industrial production] Voprosy planirovaniia i kal'kulirovaniia sebestoimosti promyshlennoi produktsii. Moskva, Gosfinizdat, 1961. 183 p.

MOSCOW. UNIVERSITET. Kafedra istorii narodnogo khoziaistva i ekonomicheskikh uchenii. [Sources and bourgeois nature of present-day revisionism] Istoki sovremennogo revizionizma i ego burzhuaznaia sushchnost'. [Moskva] Izd-vo Mosk. univ., 1961. 413 p.

MOSCOW. VYSSHAIA ZAOCHNAIA SHKOLA PROFDVIZHENIIA. [Finances of trade unions of the U. S. S. R., organization and planning] Finansy professional'nykh soiuzov SSSR; organizatsiia i planirovanie. Izd. 2., perer. i dop. [Moskva] Izd-vo VTsSPS Profizdat, 1961. 199 p.

MRACHKOVSKAIA, I. M. [V. I. Lenin's development of the theory of capital reproduction in the struggle against liberal populists and "legal marxists"] Razvitie V. I. Leninym teorii vosproizvodstva obshchestvennogo kapitala v bor'be protiv liberal'nykh narodnikov i "legal'nykh marksistov." Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 174 p. (NNC)

MUSHKIN, A. E., and IU. E. SHMELEV. [What a tenant should know] Chto nado znat' s"emshchiku zhilogo pomeshcheniia. [Leningrad] Lenizdat, 1961. 80 p.

NEPOMNIASHCHII, KARL. [We believe in you, youth!] Verim v tebia, molodost'! Moskva, Vses. uchebno-pedagog. izd-vo Profizdat, 1961. 106 p.

NIKOL'SKII, N. K. [Journal-voucher accounting system on state farms] Zhurnal'naia forma schetovodstva v sovkhozakh. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 110 p.

NOVIKOVA, F. A. [Financial groups of the U. S. A. and methods of their domination] Finansovye gruppy SShA i metody ikh gospodstva. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 111 p.

ODESSA (Province) Oblastnoe statisticheskoe upravlenie. [Economy of Odessa Province; statistical collection] Narodnoe khoziaistvo Odesskoi oblasti; statisticheskii sbornik. Odessa, Gosstatizdat, 1960. 332 p.

OVSIANNIKOV, S. G. [Ways for improving original accounting on collective farms] Puti usovershenstvovaniia pervichnogo ucheta v kolkhozakh. Minsk, Izd-vo Belgosuniversiteta im. V. I. Lenina, 1960. 101 p.

PAVLOV, I. V. [Legal forms of business accounting on collective farms] Pravovye formy vnutrennego khozrascheta v kolkhozakh. Moskva, Gos. izd-vo jurid. lit-ry, 1961. 47 p.

PECHUGIN, P. V. [How the policy of the CPSU has ensured the complete and decisive victory of socialism in the U. S. S. R.] Rol' politiki KPSS v obespechenii polnoi i okonchatel'noi pobedy sotsializma v SSSR. [Moskva] Izd-vo Mosk. univ., 1961. 76 p.

PIKULIN, M. G. [Developing the national economy and culture of Afghanistan, 1955-1960] Razvitie natsional'noi ekonomiki kul'tury Afganistana 1955-1960. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, 1961. 149 p.

POD"IACHIKH, P. G. [Population of the U. S. S. R.] Naselenie SSSR. Moskva, Gos. izd-vo polit. lit-ry, 1961. 180 p.

POPOV, N. I. [Mathematical method for analyzing labor productivity in agriculture according to factors involved] O matematicheskom metode analiza proizvoditel'nosti truda v sel'skom khoziaistve (po faktoram). Moskva, Gos. izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 102 p.

[POSTAGE STAMPS OF THE U. S. S. R. in 1958-1959, catalogue] Pochtovye marki SSSR, 1958-1959; katalog. Moskva, M-vo kul'tury RSFSR Glav. filatelisticheskaia kontora, 1960. 94 p.

PRAVOTOROV, G. B. [Commodity production and the law of value under capitalism] Tovarnoe proizvodstvo i zakon stoimosti pri kapitalizme. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 106 p.

PROTOPOPOV, S. N. [Accounting for reconstruction works] Uchet vosstanovitel'nykh rabot. Pod red. S. K. Tatura. Moskva, Gos. fin. izd-vo, 1946. 93 p.

RIAUZOV, N. N. [Statistics of Soviet commerce] Statistika sovetskoi torgovli. Moskva, Gostorgizdat, 1948. 117 p.

RIAUZOV, N. N., and N. P. TITEL'BAUM. [Trade statistics] Statistika torgovli. Izd. 2., perer. Moskva, Gosstatizdat TsSU SSSR, 1961. 326 p.

ROSTOV-ON-DON, UNIVERSITET. [Studies on the economic development of the Don, 1861-1917] Ocherki ekonomicheskogo razvitiia Dona, 1861-1917. [Rostov-na-Donu] Izd-vo Rostovskogo univ., 1960. 172 p.

ROTSHTEIN, L. A. [Working capital in regional economic councils, organization and planning] Oborotnye sredstva v sovnarkhozakh, organizatsiia i planirovanie. Moskva, Gosfinizdat, 1961. 110 p.

RUBINSKII, IU. I. [Struggle of the working class of France] Rabochaia Frantsiia v bor'be. Moskva, Gos. izd-vo polit. lit-ry, 1961. 53 p.

RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Collection no. 2 of consolidated cost indices for residential public, and administrative buildings and structures for revaluating capital assets on collective farms] Sbornik no. 2 ukrupnennykh pokazatelei stoimosti zhilykh, kul'turno-bytovykh i administrativno-khoziaistvennykh zdanii i sooruzhenii dlia pereotsenki osnovnykh fondov v kolkhozakh. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 224 p.

RUSSIA (1923- U. S. S. R.) TSentral'noe statisticheskoe upravlenie. [National economy of the U. S. S. R. in 1960, statistical yearbook] Narodnoe khoziaistvo SSSR v 1960 godu, statisticheskii ezhegodnik. Moskva, Gosstatizdat TsSU SSSR, 1961. 942 p.

RUSSIA (1923- U. S. S. R.) TSentral'noe statisticheskoe upravlenie. [Size, composition and distribution of the U. S. S. R. population, concise results of the all-Union 1959 population census] Chislennost', sostav i razmeshchenie naseleniia SSSR, kratkie itogi Vsesoiuznoi perepisi naseleniia 1959 goda. Moskva, Gosstatizdat, TsSU SSSR, 1961. 63 p.

SDOBNOV, S. I. [Two forms of socialist property and ways to merge them] Dve formy sotsialisticheskoi sobstvennosti i puti ikh sblizheniia. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 275 p.

SEKINAEVA, N. D. [Protection of the health of workers at enterprises] Okhrana zdorov'ia rabochikh na predpriiatii. [Moskva] Izd-vo VTsSPS Profizdat, 1961. 85 p.

SELEZNEV, G. K. [From workers' pockets into monopolies' safes] Iz karmanov rabochikh - v seify monopolii. Moskva, Izd-vo "Znanie," 1961. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 10, Molodezhnaia, no. 15)

SHCHENKOV, S. A. [Industrial accounting] Bukhgalterskii uchet v promyshlennosti. Izd. 2. Moskva, Gosfinizdat, 1961. 415 p.

SHUKHTIN, I. M. [Some aspects of the functioning of the economic law of payment in accordance with work done on collective farms] Nekotorye osobennosti deistviia ekonomicheskogo zakona raspredeleniia po trudu v kolkhozakh. Leningrad, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, Leningr. otd-nie, 1959. 36 p.
(RPB)

SHURYGIN, V. A. [Heading for the beacon, from the practice of the Orenburg party organization for the dissemination and introduction of progressive practice in agriculture] Kurs na maiaki, iz praktiki Orenburgskoi partiinoi organizatsii po rasprostraneniiu i vnedreniiu peredovogo opyta v sel'skom khoziaistve. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 45 p. (Iz opyta partiinoi raboty)

SLABKII, A. S. [N. V. Shelgunov's philosophy] Mirovozrenie N. V. Shelgunova. Pod red. D. F. Ostrianina. Khar'kov, Izd-vo Khar'kovskogo univ., 1960. 192 p.
(MH) (CSt-H)

STRUKOV, E. V. [The people of a communist society] Chelovek kommunisticheskogo obshchestva. Moskva, Gos. izd-vo polit. lit-ry, 1961. 70 p. (Bibliotechka znanii o kommunizme)

SLAVIN, S. V. [Developing industry and transportation in the northern part of the U. S. S. R.] Promyshlennoe i transportnoe osvoenie Severa SSSR. Moskva, Izd-vo ekon. lit-ry, 1961. 301 p.

SUPONITSKII, S. A. [Outstripping time] Operezhaia vremia. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 141 p.

TARASOV, P. V. [Wealth of the Maritime Territory] Bogatstva Primorskogo kraia. Vladivostok, Primizdat, 1947. 49 p.

TATISHCHEV, S. I. [Real face of the rocket and atomic weapon industry in the U. S. A.] Za kulisami raketno-iadernogo biznesa SShA. Moskva, Gos. izd-vo polit. lit-ry, 1961. 70 p.

[TEXTBOOK FOR A SALESCLERK] Uchebnoe posobie dlia prodavtsa. [By] M. K. Antoniuk i dr. Moskva, Izd-vo TSentrosoiuza, 1960. 419 p.

TIKHONOV, I. A. [Main economic problem of the U. S. S. R.] Osnovnaia ekonomicheskaia zadacha SSSR. Pod obshchei red. F. V. Nosova. [Leningrad] Lenizdat, 1960. 53 p. (Besedy na politicheskie temy)

TOL'TSMAN, T. I., ed. [Manual on the organization of pharmaceutical service] Uchebnik organizatsii farmatsevticheskogo dela. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 419 p.

TSAPKIN, N. V. [Lenin's principles on the management of a socialist economy] Leninskie printsipy upravleniia sotsialisticheskim khoziaistvom. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR Leningr. otd-nie, 1960. 11 p. (MH)

TSENTRAL'NYI INSTITUT TEKHNOLOGII I ORGANIZATSII MASHINOSTROENIIA Otdel organizatsii proizvodstva [Organizing work according to the sorting method, planning, regulation and production accounting. Work practice of machinery manufacturing plants in the German Democratic Republic. Translated from the German. Preface by V. I. Semenenko] Organizatsiia raboty po sortirovochnomu metodu, planirovanie, regulirovanie i uchet proizvodstva. Opyt raboty mashinostroitel'nykh zavodov Germanskoi Demokraticheskoi Respubliki. Moskva, Gosplanizdat, 1961. 111 p.

TURETSKII, SH. IA. [Planning and problems of the national economic balance] Planirovanie i problemy balansa narodnogo khoziaistva. Moskva, Izd-vo ekon. lit-ry, 1961. 290 p.

UKRAINIAN SOCIETY PROSVITA, Port Arthur, Ontario. [The golden gate, anniversary book describing fifty years of activities of the Ukrainian Society "Prosvita" in Port Arthur, Ontario, Canada] Zoloti vorota, iuvileina kniha v 50-richchia diial'nosti Ukrains'koho tovarystva "Prosvita" u Port Arturi, Onterio, Kanada. Port Arthur, 1960. 327 p. (IU)

VASIL'EV, A. N. [Public participation in the solution of crimes] Uchastie obshchestvennosti v raskrytii prestuplenii. Moskva, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, 1960. 15 p.

VISHNEVSKII, A. A., ed. [Economics of the communication system] Ekonomika sviazi. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1961. 279 p.

[VISUAL AID ALBUM ON ECONOMICS socialism section] Al'bom nagliadnykh posobii po politicheskoi ekonomii. Razdel. Sotsializm. [Moskva] Gos. izd-vo polit. lit-ry, 1960. 20 plates.

VOLKOV, G. P. [Shoots] Vskhody. [Moskva] Mosk. rabochii, 1961. 50 p.

VOLKOV, M. IA. [What is a financial oligarchy] Chto takoe finansovaia oligarkhiia. Moskva, Gos. izd-vo polit. lit-ry, 1961. 79 p.

[VOLUNTARY POLICEMAN'S MANUAL] Spravochnik druzhinnika. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 118 p.

[WE WERE BORN AT THE RIGHT TIME] Ochen' vovremia my rodilis'. Moskva, Izd-vo "Pravda," 1961. 77 p. (Biblioteka "Komsomol'skoi pravdy," no. 7)

WORLD FEDERATION OF TRADE UNIONS. General Council. [The 11th session of the General Council of the World Federation of Trade Unions, Peiping, June 5-9, 1960, collected documents] XI sessiia General'nogo soveta VFP, Pekin 5-9 iiunia 1960 goda. Sbornik dokumentov [Moskva] Izd-vo VTsSPS Profizdat, 1960. 28 p.

ZAICHENKO, P. A. [Method for achieving high labor productivity in each job by the P. A. Zaichenko and A. F. Loginov method] Metod dostizheniia vysokoi proizvoditel'nosti truda na kazhdom rabochem meste; metod P. A. Zaichenko i A. F. Loginova. Leningrad, 1961. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Opyt novatora. Serita: Organizatsiia i ekonomika proizvodstva, no. 5)

ZAKHARENKO, N. N. [Wages in railway transportation] Zarabotnaia plata na zheleznodorozhnom transporte. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 59 p. (V pomoshch' izuchaiushchim ekonomiku zheleznodorozhnogo transporta)

ZHELIAK, E. N. [Loan capital and loan interest. Circulation of money] Ssudnyi kapital i ssudnyi protsent. Denezhnoe obrashchenie. Kiev, 1959. 21 p. (MH)

ZVONKOV, V. F. [Advances in industrial relations during the period of the large-scale building of communism] Sovershenstvovanie proizvodstvennykh otnoshenii v period razvernutogo stroitel'stva kommunizma. Leningrad, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, Leningr. otd-nie, 1960. 57 p. (MH)

6. POLITICAL SCIENCE

[ADMINISTRATIVE AND TERRITORIAL DIVISION OF THE KIRGHIZ S. S. R. FOR JULY 1, 1960] Kyrgyz SSRinin administrativdik-territorliialyk bolumushu, 1960-zhyldyn 1-iiluna karata, altynchy basylyshy. Frunze, Kyrgyzstan mamlekettik basmasy, 1960. 78 p. [In Kirghiz]

[MICROFILM]

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Institut filosofii i prava. [History of the state and law of Soviet Kazakhstan] Istoriia gosudarstva i prava Sovetskogo Kazakhstana. Pod red. S. Z. Zimanova i M. A. Bindera. Alma-Ata,
Vol. 1. 1917-1925 gg. 1961. 446 p.

ALEKSEEV, A. G. [The CPSU is the vanguard of the international communist movement] KPSS - peredovoi otriad mirovogo kommunisticheskogo dvizheniia. Leningrad, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, 1961. 75 p.

[ALWAYS WITH THE PEOPLE, work of party organizations in Ryazan Province] Vsegda s narodom, [rabota partiinoi organizatsii Riazanskoi oblasti. Red. E. D. Andreeva. Riazan'] Riazanskoe knizhnoe izd-vo, 1960. 141 p. (MH)

ARONSON, GREGOR. [Movement of representatives of industrial workers in 1918] Dvizhenie upolnomochennykh ot rabochikh fabrik i zavodov v 1918 godu. New York, 1960. 30 p. (Inter-University Project on the History of the Menshevik Movement. Paper, no. 1) (MH)

BAKAEV, N. V. [Influence of the party, notes on the Marxist-Leninist training of commissioned officers] Partiinoe vliianie, zametki o marksistsko-leninskoi podgotovke ofitserov. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 85 p. (V pomoshch' sekretariu partiinoi organizatsii)

BOCHKAREV, IU. A. [Guinea today, from a journalist's notebook] Gvineia segodnia, iz zapisnoi knizhki zhurnalista. Moskva, Gos. izd-vo polit. lit-ry, 1961. 86 p. (Afrika segodnia)

BOSYI, VOLODYMYR. [Viacheslav Lypyns'kyi, ideologist of the Ukrainian labor monarchy] V'iacheslav Lypyns'kyi - ideolog ukrains'koi trudovoi monarkhii. Toronto, Canadian mosaic publisher, 1951. 160 p. (Ukrains'kyi naukovyi instytut im. V. Lypyns'koho. Vyd. no. 2)
(InU)

BYELARUSSIAN LIBERATION MOVEMENT. Manifesto. Manchester, England, 1960. 18 p. [In White Russian.]

CHUMBAROV, N. I. [How V. I. Lenin worked out the tactics of the party between the Second and Third Congresses of the Russian Social Democratic Party] Razrabotka V. I. Leninym taktiki partii v period mezhdu II i III s"ezdami RSDRP. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 259 p.

DIDUSENKO, A. A., K. N. NIKIFOROVA, and A. P. SKRYPNIK. [If you are a member of the Communist Youth League] Esli imia tebe - komsomolets. Moskva, Izd-vo "Znanie," 1961. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 10, Molodezhnaia, no. 16)

[THE DIPLOMATIC CORPS IN MOSCOW] Diplomaticheskii korpus v Moskve. [n. p.] M-vo inostr. del SSSR, Iiul' 1961. 140 p.

[PHOTOCOPY]

[THE 40th ANNIVERSARY OF SOVIET RULE IN GEORGIA AND THE FORMATION OF THE GEORGIAN COMMUNIST PARTY] 40 let ustanovleniia Sovetskoi vlasti v Gruzii i obrazovaniia Kommunisticheskoi partii Gruzii; tezisy otdela propagandy i agitatsii TsK KP Gruzii i Instituta istorii partii pri TsK KP Gruzii - filial Instituta marksizma - leninizma pri TsK KPSS. Tbilisi, Izd-vo TsK KP Gruzii, 1961. 47 p.

GANTMAN, V. I. [The governmental system of Italy] Gosudarstvennyi stroi Italii. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1961. 320 p.

[GREAT POWER; some forms and methods of mass-political work in industrial enterprises] Velikaia sila; o nekotorykh formakh i metodakh massovo-politicheskoi raboty na promyshlennykh predpriiatiiakh. Sbornik statei. Moskva, Gos. izd-vo polit. lit-ry, 1956. 149 p. (Iz opyta raboty partiinykh organizatsii)

HAIDUCHOK, H. A., and V. POSTAVNYI. [To work peacefully once more, 1945-1953] Znovu, myrna pratsia, 1945-1953 rr. Kyiv, Molod', 1960. 95 p. (Narysy z istorii lenins'koho komsomolu Ukrainy)
(MH)

[HEROIC ISLAND, journalists' notes on a trip to Cuba, January-June 1961] Geroicheskii ostrov, zametki zhurnalistov o poezdke na Kubu, ianvar'-iiun' 1961 goda. Moskva, Izd-vo "Pravda," 1961. 110 p.

KATORGIN, I. I. [Postwar struggle of the Communist Party for the reconstruction and development of the national economy from 1945 to 1953] Bor'ba Kommunisticheskoi partii za vosstanovlenie i razvitie narodnogo khoziaistva v poslevoennye gody, 1945-1953 gg. Izd. 2. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 94 p. (Tema XVI)

KHROMOV, S. S. [How the CPSU struggled to carry out the decisions of the 20th Congress of the Communist Party; 1956-1958] Bor'ba KPSS za provedenie v zhizn' reshenii XX s"ezda partii; 1956-1958 gg. Otv. red. N. S. Shovtsov. [Moskva] Izd-vo Mosk. univ., 1961. 104 p.

KOMMUNISTICHESKAIA PARTIIA UKRAINY. 20 s"ezd. Kyiv, 1959. [The 20th Extraordinary Congress of the Communist Party of the Ukraine, January 16-17, 1959] Pozacherhovyi XX z'izd Komunistychnoi partii Ukrainy, 16-17 sichnia 1959 roku, materialy. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1959. 151 p.

KRYLOV, L. I. [Unity and close cooperation of Communist Parties is the most important condition for the victory of communism] Edinstvo i splochennost' kommunisticheskikh partii - vazhneishee uslovie pobedy kommunizma. Moskva, Izd-vo "Znanie," 1961. 45 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 1, Istoriia, no. 14)

LASHIN, A. G. [The political organization of society during the large-scale building of communism] Politicheskaia organizatsiia obshchestva v period razvernutogo stroitel'stva kommunizma. Moskva, Ob-va po rasprostraneniiu polit. i nauchn. znanii RSFSR, 1959. 41 p.

LENIN, V. I. [Complete works] Polnoe sobranie sochinenii. Izd 5. Moskva, Gos. izd-vo polit. lit-ry.
Vol. 20. [November 1910-November 1911] Noiabr' 1910-noiabr' 1911. 1961. 583 p.
Vol. 21. [December, 1911-July, 1912] Dekabr' 1911-iiul' 1912. 1961. 671 p.

LENIN, V. I. [Objectives of the youth leagues, a speech delivered at the Third All-Russian Congress of Russian Communist Youth League, October 2, 1920] Zadachi soiuzov molodezhi, rech' na III Vserossiiskom s"ezde Rossiiskogo kommunisticheskogo soiuza molodezhi 2 oktiabria 1920 g. [Moskva] "Molodaia gvardiia," 1960. 61 p.
(NNC)

LENIN, V. I. [Two tactics of the Social Democratic Party in a democratic revolution] Dve taktiki sotsial-demokratii v demokraticheskoi revoliutsii. [Leningrad] Gos. izd-vo polit. lit-ry, 1945. 102 p.

LEVIN, B. I. [Development of the Soviet Estonian State] Razvitie sovetskoi gosudarstvennosti v Estonii. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 133 p.

MAMEDOV, R. S. [Objectives of the local soviets of workers' deputies] Ierli zəhmətkesh deputatlary sovetlərinin vəzifələri. Baky, Azərbaichan dövlət nəshriiaty, 1961. 33 p. (In Azerbaijani.)

MOSCOW. INSTITUT MARKSIZMA-LENINIZMA. [The General Council of the First International, 1864-1866; proceedings of its London Conference in 1865] General'nyi Sovet Pervogo Internatsionala, 1864-1866. Londonskaia konferentsiia 1865 goda; protokoly. Moskva, Gos. izd-vo polit. lit-ry, 1961. 364 p. (Dokumenty Pervogo Internatsionala)

MOSKALEV, M. A. [How V. I. Lenin worked out the program of the Communist Party] Razrabotka V. I. Leninym programmy Kommunisticheskoi partii. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 175 p.

NIKOLAIENKO, I. [Ready to work and fight, 1937-1941] Na trud i na podvyh, 1937-1941 rr. Kyiv, Molod', 1960. 69 p. illus. (Narysy z istorii lenins'koho komsomolu Ukrainy)
(MH)

PILLOT, JEAN-JACQUES. [Selected works. Translated from the French. Preface by V. P. Volgin] Izbrannye sochineniia. Moskva, Izd-vo Akad. nauk SSSR, 1961. 181 p. (Predshestvenniki nauchnogo sotsializma)

[PROVED BY LIFE, some interesting forms of work in the Communist Youth League] Opravdannoe zhizniiu; ob interesnykh formakh raboty v komsomole. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 415 p.

PAPOKHIN, A. A. [The young generation of internationalists] Molodoe pokolenie internatsionalistov. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 175 p.

RAVIN, S. M. [Federal principle in Soviet constitutional law] Printsip federalizma v sovetskom gosudarstvennom prave. [Leningrad] Izd-vo Leningr. univ., 1961. 75 p.

[REPORTS AND SPEECHES OF N. S. KHRUSHCHEV, FIRST SECRETARY OF THE CENTRAL COMMITTEE OF THE CPSU AND CHAIRMAN OF THE COUNCIL OF MINISTERS OF THE U. S. S. R.] Doklady i vystupleniia Pervogo sekretaria TSentral'nogo Komiteta KPSS, Predsedatelia Soveta Ministrov SSSR N. S. Khrushcheva. Moskva, 1961. 7 p.

SAMOILOV, F. N. [Pre-revolutionary electoral procedure] Kak proiskhodili vybory pri tsarizme. [n. p.] Izd-vo "Krasnoflotskii rabochii," 1946. 46 p.

SIDENKO, V. P. [Angola in flames] Angola v ogne. Moskva, Gos. izd-vo polit. lit-ry, 1961. 28 p.

SOBOLEVA, P. I. [How the Bolsheviks struggled against the Socialist Revolutionary Party and the Mensheviks during the consolidation of Soviet rule, from October 1917 to 1918] Bor'ba bol'shevikov protiv pravykh eserov i men'shevikov v period uprocheniia Sovetskoi vlasti, oktiabr' 1917-1918 gg. [Moskva] Izd-vo Mosk. univ., 1961. 93 p.

SUKHAREV, V. V. [The Communist Party of Czechoslovakia, the militant vanguard of workers] Komunistychna partiia Chekhoslovachchyny — boiovyi avangard trudiashchykh. Kyiv, 1961. 47 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 1, no. 8)

TALYBOV, M. M. [The standing committees of local soviets] Yerli sovetlĕrin daimi komissiialarы. Baky, Azerbaichan dövlĕt nĕshriiaty, 1961. 35 p. [In Azerbaijani.]

TSVETOV, V. IA. [The Japanese people are against the military bases of the U. S. A.] Narod IAponii protiv voennykh baz SShA. Moskva, Izd-vo vostochnoi lit-ry, 1960. 122 p.

TULUMDZHIAN, A. O., comp. [Congress of Abkhazian soviets; collection of documents and materials, 1922-1923] S"ezdy Sovetov Abkhazii, sbornik dokumentov i materialov 1922-1923 gg. Sukhumi, Abkhazskoe gos. izd-vo, 1959.

VLADIMIRTSEV, V. S. [Increased role of the party in the building of communism] Vozrastanie roli partii v stroitel'stve kommunizma. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 80 p.

7. LAW

ARMENIAN S. S. R. Laws, statutes, etc. [The criminal code of the Armenian S. S. R., adopted at the fifth session of the Fifth Supreme Soviet of the Armenian S. S. R., March 7, 1961] Ugolovnyi kodeks Armianskoi SSR. Priniat na piatoi sessii Verkhovnogo Soveta Armianskoi SSR piatogo sozyva 7 marta 1961 g. Erevan, Armgosizdat, 1961. 182 p.

ARMENIAN S. S. R. Laws, statutes, etc. [The criminal procedure code of the Armenian S. S. R., adopted at the fifth session of the Fifth Supreme Soviet of the Armenian S. S. R., March 7, 1961] Ugolovno-protsessual'nyi kodeks Armianskoi SSR. Priniat na piatoi sessii Verkhovnogo Soveta Armianskoi SSR piatogo sozyva 7 marta 1961 goda. Erevan, Aipetrat, 1961. 261 p.

BASHKIR A. S. S. R. Constitution. [Constitution (fundamental law) of the Bashkir Autonomous Soviet Socialist Republic; with amendments adopted at the sessions of the Supreme Soviet of the Bashkir A. S. S. R.] Konstitutsiia (osnovnoi zakon) Bashkirskoi Avtonomnoi Sovetskoi Sotsialisticheskoi Respubliki, s izmeneniiami i dopolneniiami, priniatymi na sessiiakh Verkhovnogo Soveta Bashkirskoi ASSR. Ufa, Bashkirskoe knizhnoe izd-vo, 1961. 27 p.

BESPALOVA, A. I., and M. A. VAKSBERG. [Legal protection of private property in the U. S. S. R.] Pravovaia okhrana lichnoi sobstvennosti v SSSR. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 73 p.

BOGUSLAVSKII, M. M., and A. A. RUBANOV. [Legal status of Soviet citizens in foreign countries] Pravovoe polozhenie sovetskikh grazhdan za granitsei. Moskva, Izd-vo in-ta mezhdunarodnykh otnoshenii, 1961. 110 p.

[CODE OF JUSTICE; a manuscript of the 14th century] Merilo pravednoe; po rukopisi XIV veka. Izdano pod nabliudeniem i so vstup. stat'ei M. N. Tikhomirova. Moskva, Izd-vo Akad. nauk SSSR, 1961. 608 p.

IAMENFEL'D, G. M., and V. V. PAVLOV. [Principles of Soviet civil and labor law] Osnovy sovetskogo grazhdanskogo i trudovogo prava. Rekomendovano v kachestve ucheb. posobiia dlia tekhnikumov sovetskoi torgovli. Izd. 2., dop. i perer. Moskva, Gos. izd-vo torgovoi lit-ry, 1960. 438 p.
(CU) (CLL)

IOFFE, O. S., and M. D. SHARGORODSKII. [Critical evaluation of present-day bourgeois theories of law] Kritika sovremennykh burzhuaznykh teorii prava. Leningrad, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, 1961. 55 p.

JULLIOT DE LA MORANDIÈRE, LÉON FRANCIS. [French civil law. Translated from the French. Preface by E. A. Fleishits] Grazhdanskoe pravo Frantsii. Moskva, Izd-vo inostr. lit-ry.
Vol. 3. 1961. 748 p.

KALENOV, IU. A. [Certification of the power of attorney and attestation of signatures] Udostoverenie doverennosti i zasvidetel'stvovanie podlinnosti podpisei grazhdan. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 119 p.
(CLL)

KALLISTRATOVA, R. F. [Examination of commercial disputes in state arbitration agencies] Razreshenie sporov v gosudarstvennom arbitrazhe. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 204 p.

KOLBASOV, O. S. [Protection of nature in Soviet law] Okhrana prirody po sovetskomu zakonodatel'stvu. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 74 p.

MOSCOW. UNIVERSITET. [Soviet civil law] Sovetskoe grazhdanskoe pravo. Moskva, Gos. izd-vo iurid. lit-ry.
Vol. 2. 1961. 532 p.

NIKOLAEV, V. S. [Objectives of appellate procedure and the supervisory review of judicial decisions in Soviet criminal procedure] Zadachi kassatsionnogo proizvodstva i revizionnyi poriadok peresmotra del v sovetskom ugolovnom protsesse. [Moskva] Izd-vo Mosk. univ., 1961. 49 p.

PASHKEVICH, P. F. [Maintaining socialist law and order; the new criminal and criminal procedure codes of the R. S. F. S. R.] Na zashchite sotsialisticheskogo pravoporiadka, o novykh ugolovnom i ugolovno-protsessual'nom kodeksakh RSFSR. Moskva, Izd-vo "Znanie," 1961. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Serlia 2, Filosofiia, no. 12)

[RATE MANUAL] Tarifnoe rukovodstvo. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia
No 20-E. [Soviet-Chinese Railroad Border Agreement, in force since April 1, 1951. Reprinted with amendments introduced before March 1, 1961] Sovetsko-kitaiskoe pogranichnoe zheleznodorozhnoe soglashenie. Deistvuet s 1 aprelia 1951 g. Perelzdano s izmeneniiami i dopolneniiami, vvedennymi v deistvie do 1 marta 1961 g. 1961. 59 p.
No. 22-E. [Soviet Mongolian Railroad Border Agreement, in force since January 1, 1954; with amendments introduced before March 1, 1961] Sovetsko-mongol'skoe pogranichnoe zheleznodorozhnoe soglashenie. Deistvuet s 1 ianvaria 1954 g. S izmeneniiami i dopolneniiami, vvedennymi v deistvie do 1 marta 1961 goda. 1961. 35 p.

RUSSIA (1923- U. S. S. R.) Laws, statutes, etc. [Collection of legislative enactments on land tenure] Sbornik zakonodatel'nykh aktov o zemle. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 255 p.

SHAPKINA, G. S. [Preparation of delivery of goods contracts and the arbitration of precontract disputes] Oformlenie postavok dogovorami i razreshenie predogovornykh sporov. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 101 p. (Bibliotechka khoziaistvennika i rabotnika iuridicheskoi sluzhby)

VOLKOV, A. I. [Sources of collective-farm law; legislative enactments as of January 1, 1961] Istochniki kolkhoznogo prava; po sostoianiiu zakonodatel'stva na 1. 1. 1961 g. [Moskva] Izd-vo Mosk. univ., 1961. 62 p.

VOLOSHIN, N. P. [Property rights to collective farmers' farmsteads] Pravo lichnoi sobstvennosti kolkhoznogo dvora. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 165 p.

YUGOSLAVIA. Constitution. [Constitution of the Federal People's Republic of Yugoslavia. Translated from the Serbo-Croatian] Konstitutsiia Federativnoi Narodnoi Respubliki Iugoslavii. Predisl. Z. M. Chernilovskogo. Moskva, Iurid. izd-vo M-va iustitsii SSSR, 1947. 75 p.

ZAGORODNIKOV, N. I. [Criminal homicide according to Soviet criminal law] Prestupleniia protiv zhizni po sovetskomu ugolovnomu pravu. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 277 p.

ZIL'BERSHTEIN, N. L. [Copyrights for musical works] Avtorskoe pravo na muzykal'nye proizvedeniia. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 100 p.
(CLL)

ZVEREV, I. S., and E. L. ZELENSKAIA. [Protection of labor in the lumbering industry] Okhrana truda v lesnoi promyshlennosti. Moskva, Goslesbumizdat, 1961. 239 p.

8. EDUCATION

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Institut teorii i istorii pedagogiki. [Role of play in a kindergarten] Rol' igry v detskom sadu. Pod red. A. P. Usovoi. Moskva, 1961. 150 p.

BOGDANOVA, O. S., R. O. GUROVA, and V. I. PETROVA. [Teaching students how to behave] Zaniatiia s uchashchimisia po kul'ture povedeniia, dlia uchitelei nachal'nykh klassov. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 138 p.

CHUGUNOVA, E. S. [Instilling aspirations for technical creativity in young workers] Vospitanie u molodykh rabochikh stremlenila k tekhnicheskomu tvorchestvu. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 60 p. (Vospitanie kommunisticheskogo otnoshenila k trudu)

GADZHIEV, I. R. [Educational work in schools] Mektĕbdĕ tĕlim - tĕrbiiĕ ishleri. Baky, Azerbaichan dövlĕt pedagoji ĕdĕbiiiaty nĕshriiaty, 1960. 108 p. [In Azerbaijani.]

IANTSOV, A. I., ed. [Academic work in the evening (staggered) schools] Ob uchebnoi rabote v vechernikh (smennykh) shkolakh. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 318 p.

KOMAROV, L. A. [Planning the training and distribution of specialists in the U. S. S. R.] Planirovanie podgotovki i raspredeleniia spetsialistov v SSSR. Moskva, Izd-vo ekon. lit-ry, 1961. 104 p.

KOROL'KOV, V. A. [Selected studies] Izbrannye etiudy. Moskva, "Fizkul'tura i sport," 1958. 261 p.
(OCI)

KOTOV, L. I. [Development of moral tenets and habits in the process of communist training] Razvitie nravstvennykh ubezhdenii i privychek v protsesse kommunisticheskogo vospitaniia. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 68 p.

KOVTUN, N. A., and LIU FENG-LAN. [Textbook of the Chinese language for the second grade of the elementary school] Uchebnik kitaiskogo iazyka dlia II klassa nachal'noi shkoly. Pod red. B. S. Isaenko i Liu TSian'-lin. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 62 p.

KOZHEVNIKOVA, N. G. [Sport recreations and play] Sportivnye razvlecheniia i igry; iz opyta raboty detskogo sada No. 617 g. Moskvy. Izd. 2. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 110 p.

LEONT'EV, V. V., and M. V. AINEVTEGIN. [Textbook of the Chukchi language for the third grade of the Chukchi national school. Uchebnik chukotskogo iazyka dlia III klassa chukotskoi nachal'noi shkoly. Leningrad, Uchpedgiz], 1958. 100 p. [In Chukchi.]
(MH)

LIPKINA, A. I. [Development of thinking during lessons of explanatory reading] Razvitie myshlenila na urokakh ob"iasnitel'nogo chteniia. Pod red. N. A. Menchinskoi. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 162 p. (Pedagogicheskaia bibliioteka uchitelia)

LISHTVAN, Z. V. [Play and exercises with building materials in a kindergarten] Igry i zaniatiia so stroitel'nym materialom v detskom sadu. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 158 p.

MIKAELIAN, S. A. [Vocational and technical education in Soviet Armenia. Professional'noe obrazovanie v Sovetskoi Armenii. Erevan, Armianskoe gos. izd-vo Aipetrat] 1960. 91 p. [In Armenian.]

MOROZOV, G. M. [Olympic ring] Olimpiiskii ring. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 124 p.

MOSCOW. UNIVERSITET. Kafedra dialekticheskogo i istoricheskogo materializma gumanitarnykh fakul'tetov. [Communist education] Voprosy kommunisticheskogo vospitaniia, sbornik statei [Moskva] Izd-vo Mosk. univ., 1961. 177 p.

OGORODNIKOV, I. T., and P. N. SHIMBIREV. [Pedagogy] Pedagogika. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1946. 395 p.

OSKOLKOVA, V. A., and M. S. SUNGUROV. [Volleyball] Voleibol. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1961. 293 p.

PANFILOVA, T. S. [Let's bring up children with high ideals] Rastit' detei vysokoidetnymi. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 31 p. (Knigi dlia roditelei)

PCHELKO, A. S. and G. B. POLIAK. [Arithmetic] Arifmetika, uchebnik dlia 4-go klassa nachal'noi shkoly. Izd. 4. Moskva, Gos. uchebno-pedagog. izd-vo, 1958. 158 p.
(MiD)

PECHATIN, A. A., and S. A. ASLEZOV. [To the bottom of the sea] V glubiny moria. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1960. 57 p.

POLIAK, E. V., V. I. POPADEIKIN., and V. V. STRUKOV. [Let's go, tourist friends! (one-day hikes)] V pokhod druz'ia turisty! (odnodnevnye marshruty). [Moskva, Mosk. rabochii, 1961] 463 p.

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. [Survey handbook of the institutions of higher learning] Obzornyi spravochnik vysshikh uchebnykh zavedenii. Moskva, 1961. 369 p.

SEMENOV, L. P., and V. M. SMOLEVSKII. [Gymnastics for gymnasts] Gimnastam o gimnastike Moskva, Gos. izd-vo "Fizkul'tura i sport," 1961. 174 p.

SHEVCHENKO, I. N. [Arithmetic] Arifmetika; uchebnik dlia 5 i 6 klassov semiletnei i srednei shkoly. Izd. 4. Moskva, Gos. uchebno-pedagog. izd-vo, 1959. 207 p.
(MiD)

TYSHLER, D. A. [Training the saber fencer] Trenirovka fekhtoval'shchika na sabliakh. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1961. 213 p.

VESELOV, A. N. [Vocational and technical education in the U. S. S. R., outline history of secondary and elementary vocational and technical education] Professional'no-tekhnicheskoe obrazovanie v SSSR; ocherki po istorii srednego i nizshego professionalno-obrazovaniia. Moskva, Vses. uchebno-pedagog. izd-vo Profitekhizdat, 1961. 434 p.

ZAPASHNYI, V. M. [Vaulting acrobatics; collection of exercises for groups of amateur performers] Vol'tizhnaia akrobatika; sbornik uprazhnenii dlia kollektivov khudozhestvennoi samodeiatel'nosti. Moskva, Gos. izd-vo "Iskusstvo," 1961. 129 p.

9. MUSIC, THEATER & MOTION PICTURES

[A, L. L. [Recipients of Lenin Prizes are the composers D. Shostakovich, S. Prokof'ev, ...ii] Sovetskie ... Shostako- ...ian-Sodel

narodnyi pevets. Frunze] 1960. 89 p. [In Kirghiz.]
(MH)

[CHEKHOV AND THE THEATER; letters, feuilletons, contemporaries on Chekhov the playwright] Chekhov i teatr; pis'ma fel'etony, sovremenniki o Chekhove-dramaturge. Moskva, Gos. izd-vo "Iskusstvo," 1961. 502 p.

DEL'SON, V. IU. Sviatoslav Rikhter. Moskva, Sovetskii kompozitor, 1960. 25 p. (V pomoshch' slushateliam narodnykh universitetov kul'tury. Besedy o muzyke)

DOLYNIN, B. P. Konstantin Ilidin. Moskva, Gos. izd-vo "Iskusstvo," 1961. 190 p. (Mastera kinoiskusstva)

[FIFTY OPERAS; stories of their origin, plots, and the music] 50 oper; istoriia sozdaniia, siuzhet, muzyka. Izd. 2., Leningrad, Sovetskii kompozitor, 1960. 327 p.

GLOVATSKII, B. S. Vladimir Maksimov. Moskva, Gos. izd-vo "Iskusstvo," Leningrad, 1961. 188 p.

GOLUBEV, I., comp. [Chinese folk songs, Shanghai. Translated from the Chinese] Kitaiskie narodnye pesni, Shankhai. Moskva, Izd-vo inostr. lit-ry, 1960. 94 p.
(MH)

ISMAILOV, M. S. [Genres of Azerbaijani folk music] Zhanry azerbaidzhanskoi narodnoi muzyki. Baku, Akad. nauk Azerbaidzhanskoi SSR, 1960. 112 p. [In Azerbaijani.]
(MH)

KENIGSBERG, A. K. [Franz Liszt; on the 150th anniversary of his birth and 75th anniversary of his death] Ferents List, k 150-letiiu so dnia rozhdeniia i 75-letiiu so dnia smerti. Moskva, Izd-vo "Znanie," 1961. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6, Literatura i iskusstvo, no. 13)

KONEN, V. D. [Roads of American music, essays on the history of music in the United States] Puti amerikanskoi muzyki, ocherki po istorii muzykal'noi kul'tury SShA. Moskva, Sovetskii kompozitor, 1961. 491 p.

MARKOV, P. A. [V. I. Nemirovich-Danchenko as a stage director in the musical theater] Rezhissura Vl. I. Nemirovicha-Danchenko v muzykal'nom teatre. Moskva, Vseros. teatral'noe obshchestvo, 1960. 408 p.

MARTYNOV, I. I. [Kalinnikov's first symphony] Pervaia simfoniia Kalinnikova. Izd. 2. Moskva, Gos. muzykal'noe izd-vo, 1959. 12 p. (Biblioteka slushatelia kontsertov)

[N. A. RIMSKII-KORSAKOV; verbatim record of a lecture delivered by Georgii Polianovskii in the Hall of Columns in Moscow's House of Trade Unions] N. A. Rimskii-Korsakov; stenogramma publichnoi lektsii Georgiia Polianovskogo, prochitannoi v Kolonnom zale Doma Soiuzov v Moskve. Moskva, Vses. lektsionnoe biuro pri komitete po delam vysshei shkoly pri SNK SSSR, 1945. 21 p.

PETROV, N. V. [Fifty years and 500 performances] 50 i 500. Moskva, Vseros. teatral'noe ob-vo, 1960. 552 p.

PROKOF'EV, S. S. [Materials, documents, reminiscences] Materialy, dokumenty, vospominaniia. Izd. 2., dop. Moskva, Gos. muzykal'noe izd-vo, 1961. 707 p.

RUBEN, SAV. [Plavsk singers] Plavskie pevtsy. Moskva, Gos. izd-vo kul'turno-prosv. lit-ry, 1953. 54 p. (Bibliotechka "Khudozhestvennaia samodeiatel'nost'," no. 23)

SHNEERSON, G. M. [On live and dead music] O muzyke zhivoi i mertvoi. Moskva, Sovetskii kompozitor, 1960. 328 p.

SHNEERSON, G. M. [Trends in the contemporary music of the West] Bor'ba napravlenii v sovremennom muzykal'nom iskusstve Zapada. Moskva, Izd-vo "Znanie" Vses. ob-vo po rasprostraneniiu polit. i nauchn. znanii, 1961. 39 p. (Narodnyi universitet kul'tury. Fakul'tet literatury i iskusstva, no. 8)

SOLOVTSOV, A. A. [Rimskii-Korsakov; a popular sketch] Rimskii-Korsakov; nauchno populiarnyi ocherk. Moskva, Gos. muzykal'noe izd-vo, 1960. 311 p.

...S. R.) Laws, statutes, etc. ...inskogo sostoianiia; sbornik ...ilov. Moskva, Gos. izd-vo jurid.

[SONGS FOR YOUTH] Pesniu zapevaet molodezh', Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 109 p. (Bibliotechka "Khudozhestvennaia samodeiatel'nost," no. 17)

[SONGS OF MUSCOVITE LAND; collected works by composers of the Moscow environs] Pesni zemli Moskovskoi, sbornik proizvedenii kompozitorov Podmoskov'ia. [Moskva] Mosk. rabochii, 1961. 130 p.

STEFANOVICH, M. P. [Ivan Sergeevich Patorzhinskii, People's Singer of the U. S. S. R.] Ivan Sergeevich Patorzhinskii, narodnyi artist SSSR. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1960. 38 p. (Dekada ukrains'koi literatury ta mystetstva)
(MH)

[THREE INTERPRETIVE DANCES] Tri siuzhetnykh tantsa. Moskva, Gos. izd-vo "Iskusstvo," 1961. 122 p. (Repertuar khudozhestvennoi samodeiatel'nosti, no. 12)

VASILENKO, S. IA. [Sergei Vasil'evich Rachmaninov, 1873-1943; a brief sketch of his life and works] Sergei Vasil'evich Rakhmaninov, 1873-1943; kratkii ocherk zhizni i tvorchestva. Knizhka dlia liuboshestva Leningrad, Gos. muzykal'noe izd-vo, 1961. 105 p.

10. FINE ARTS

AKADEMIIA KHUDOZHESTV SSSR. Institut teorii i istorii izobrazitel'nykh iskusstv. Sektor zarubezhnogo iskusstva. [Exhibition of art works from socialist countries] Vystavka proizvedenii izobrazitel'nogo iskusstva sotsialisticheskikh stran, Moskva, 1958-1959 [Moskva, Gos. izd-vo izobraz. iskus., 1960] 15 p. plates.
(NN)

AKADEMIIA NAUK UZBEKSKOI SSR. Institut iskusstvo znaniia. [Architectural heritage of Uzbekistan] Arkhitekturnoe nasledie Uzbekistana. Tashkent, 1960. 248 p.

ALEKSEEVA, T. V. Borovikovskii. Moskva, Gos. izd-vo "Iskusstvo," 1960. 41 p. illus.

ARKHIPOV, N. I., and A. G. RASKIN. Petrodvorets. Leningrad, Gos. izd-vo "Iskusstvo," 1961. 330 p.

BARTENEV, I. A. [Architecture] Arkhitektura. Leningrad, Khudozhnik RSFSR, 1960. 61 p. (Besedy ob iskusstve)

BASSEKHES, A. I. Aleksandr Terent'evich Matveev. Moskva, Sovetskii khudozhnik, 1960. 66 p.
(RPB)

BERNSTEINS, E. [Environs of Moscow during the 18th and 19th centuries; lithographs] Podmoskov'e XVIII XIX vekov; avtolitografii. [Moskva, MOKh, 1959.] [3] l., 10 col. plates (in portfolio)
(NIC)

BEZHANISHVILI, G. D. [Tiflis' green attire] Zelenyi nariad Tbilisi. Tbilisi, "Sabchota Sakartvelo," 1961. 98 p.

CHIKOVANI, T. [Georgian folk dwellings; the Tsalka house. Gruzinskoe narodnoe zhilishche, Tsalkskii dom.] Tbilisi, 1960. 137 p. [In Georgian with summary in Russian.]
(MH)

DZHANBERIDZE, NODAR, MERI KARBELASHVILI, and SIMON KINTSURASHVILI. [Architecture of Tiflis; a guide] Arkhitektura Tiflisi; putevoditel'. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo," 1961. 162 p.

ERIVAN. GOSUDARSTVENNAIA KARTINNAIA GALEREIA ARMENII. [Armenian State Gallery of Paintings] Gosudarstvennaia kartinnaia galereia Armenii. Moskva, Izogiz, 1960. 16 p. 62 plates. [In Russian and Armenian]
(MH)

FEDOROVA, N. N., and A. G. RASKIN. Petrodvorets. Izd. 2., Leningrad, Gos. izd-vo lit-ry po stroit. i arkhit., 1955. 125 p. (Arkhitekturnye ansambli prigorodov Leningrada)

GOLOMSHTOK, I. N., and A. D. SINIAVSKII. [Picasso] Pikasso. Moskva, Izd-vo "Znanie," Vses. ob-va po raspr. polit. i nauchn. znanii, 1960. 61 p. illus.

GONCHAROV, A. D. Andrei Dmitrievich Goncharov. Moskva, "Iskusstvo," 1960. 9 p. 33 plates (Mastera knizhnoi grafiki)
(NN)

IAGODOVSKAIA, A. T. [Andrei Rublev's "Trinity"] Andrei Rublev, "Troitsa." Moskva, Akad. khudozh. SSSR, 1960. 21 p. illus.
(MH)

KANN, P. IA. [Squares of revolutionary uprisings] Ploshchadi revoliutsionnykh vosstanii. [Leningrad] Leningr. gazetno-zhurnal'noe i knizhnoe izd-vo, 1955. 164 p. (Istoricheskie dostoprimechatel'nosti Leningrada)

KARDOVSKII, D. N. [Dmitrii Nikolaevich Kardovskii on art, reminiscences, articles, letters] Dmitrii Nikolaevich Kardovskii ob iskusstve; vospominaniia, stat'i, pis'ma. Moskva, Akad. khudozh. SSSR, 1960. 338 p.
(MH)

KORNILOVICH, K. [Chronicles of Russian art: Famous monuments of our ancient architecture, painting, books, jewelry, and their creative masters] Iz letopisi russkogo iskusstva: O proslavlennykh pamiatnikakh nashego drevnego zodchestva i zhivopisi, knizhnogo i iuvelirnogo dela i o sozdavavshikh ikh iskusnykh masterakh. Leningrad, Gos. izd-vo "Iskusstvo," 1960. 202 p. (Rasskazy ob iskusstve)

LAPINA, I. Boris Mikhailovich Kustodiev. Moskva, Izogiz, 1960. 1 v.
(MH)

LENINGRAD. ERMITAZH. [The Hermitage, treasure house of world culture and art] Ermitazh, sokrovishchnitsa mirovoi kul'tury i iskusstva. [By] O. M. Persianova. Leningrad, 1960. 111 p.
(MH)

LOBANOV, V. M. [Viktor Vasnetsov in Moscow] Viktor Vasnetsov v Moskve. [Moskva] Mosk. rabochii, 1961. 237 p.

MAKOVSKII, V. E. Vladimir Egorovich Makovskii. Moskva, Gos. izd-vo izobraz. iskus., 1961. [7 p.] plates.

MASHKOVTSEV, N. G. Andrei Petrovich Riabushkin. Moskva, Izogiz, 1960. 1 v. chiefly illus. (Mastera russkogo iskusstva)
(MH)

MASHKOVTSEV, N. G., comp. [K. P. Briullov in letters, documents, and memoirs of his contemporaries] K. P. Briullov v pis'makh, dokumentakh i vospominaniiakh sovremennikov. Moskva, Izd-vo Akad. khudozh. SSSR, 1961. 316 p.

MIKHALOV, S., BOR. EFIMOV, and M. ABRAMOV. [International reportage] Mezhdunarodnyi reportazh. [Moskva, Gos. izd-vo polit. lit-ry, 1961] 1 v.

MOZHNIAGUN, S. E. [Abstractionism is the destruction of aesthetics] Abstraktsionizm-razrushenie estetiki. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 221 p.

NIKIFORAKI, N. Dekhterev. Moskva, "Iskusstvo," 1959. 41 p. plates.
(IrPB)

OBLOVSKII, G. I. [Art education of a drawing teacher] O khudozhestvennom obrazovanii uchitelia risovaniia; iz opyta raboty. Leningrad, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 163 p.

OSMOLOVSKII, M. S. Minsk. Moskva, Gos. izd-vo lit-ry po stroit. i arkhit., 1952. 108 p. (Praktika sovetskogo gradostroitel'stva)

OSTROUMOVA-LEBEDEVA. Moskva, Sovetskii khudozhnik, 1961. 1 v. illus.

PAVLICHENKOV, V. I. [Volzhskiy; residential and urban construction] Volzhskii; zhilishchno-grazhdanskoe stroitel'stvo. Pod red. P. A. Volodina. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 133 p. (Opyt sovetskoi arkhitektury)

PILIAVSKII, V. I. [Russian triumphal monuments] Russkie triumfal'nye pamiatniki. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR. Leningr. otd-nie, 1960. 56 p.
(MH)

PILIAVSKII, V. I. [Winter Palace] Zimnii dvorets. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 183 p. (Arkhitekturnye pamiatniki Leningrada)

POUSSIN, NICOLAS. [Nicolas Poussin] Nikola Pussen. Moskva, Gos. izd-vo izobraz. iskus., 1961. 17 p. illus.

[RUSSIAN GENRE PAINTING] Russkaia zhanrovaia zhivopis'. Moskva, Gos. izd-vo izobraz. iskus., 1961. 213 plates.

SHMARINOV, D. A. [L. N. Tolstoi's "War and peace" in illustrations] "Voina i mir" L. N. Tolstogo v illiustratsiiakh. Moskva, Akad. khudozh. SSSR, 1960. 127 p.
(MH)

SHPAKOV, A. Vasilii Il'ich Kuslinn. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1960. 31 p.
(MH)

[SOVIET YOUTH IN WORKS OF THE FINE ARTS] Sovetskaia molodezh' v proizvedeniiakh izobrazitel'nogo iskusstva. Moskva, Sovetskii khudozhnik, 1961. 222 p.

[STATE HERMITAGE; paintings] Gosudarstvennyi Ermitazh; zhivopis'. Moskva, Gos. izd-vo izobraz. iskusstva, 1961. [6 p.] plates. [Parallel texts in Russian, English, French and German].

[UKRAINIAN FOLK EMBROIDERY] Ukrains'ki narodni vyshyvky. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry. 9 p. 17 col. plates in portfolio.
(IU)

ULANOVSKII, O. O. [Universal devices for engraving work] Universal'nye prisposobleniia dlia gravernykh rabot. Leningrad, 1961. 13 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Opyt novatora. Seriia Mekhanicheskaia obrabotka metallov, no. 3)

VEIMARN, B. V., T. P. KAPTEREVA, and A. G. PODOL'SKII. [Art of the Arab peoples; the medieval period] Iskusstvo arabskikh narodov, srednevekovyi period. Moskva, Gos. izd-vo "Iskusstvo," 1960. 197 p. (Ocherki istorii i teorii izobrazitel'nykh iskusstv)

VIBERT, JEHAN. [Painting and its tools. Translated from the French. Preface by B. Ioganson] Zhivopis' i ee sredstva. [Moskva] Izd-vo Akad. khudozh. SSSR, 1961. 230 p.

VLADICH, L. V. [Aleksii Alekseevich Shovkunenko, People's Artist of the U. S. S. R.] Aleksei Alekseevich Shovkunenko, narodnyi khudozhnik SSSR. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1960. 30 p.
(MH)

ZAKHARZHEVSKAIA, R. V. [Decorative fabrics for interior decoration] Dekorativnye tkani v kvartire. Leningrad, Khudozhnik RSFSR, 1960. 30 p. (Iskusstvo i byt)

11. LANGUAGE, LITERATURE & FOLKLORE

ABDULLAEV, AGA-MAMED. [The Azerbaijani language] Azerbaidzhanskii iazyk. Baku, 1960. 122 p. [In Azerbaijani.]
(MH)

ABDULZHALILOV, F. A. [Rough waters, a novel. Translated from the Nogai] Burnyi potok; roman. Cherkessk, Karachaevo-Cherkesskoe knizhnoe izd-vo.
Vol. 1, 1960.
(MH)

ABRAMKIN, V. M., and A. LUR'E, comps. [Library of a poet, an annotated bibliography, 1933-1960] Biblioteka poeta, annotirovannaia bibliografiia, 1933-1960. Obshchii plan. Leningrad, Sovetskii pisatel', 1960. 234 p.
(NN)

AINI, SADRIDDIN. [Collected works in four volumes. Translated from the Tajik] Sobranie sochinenii v chetyrekh tomakh. Moskva, Izd-vo "Izvestiia."
Vol. 2. 1960. 478 p.

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. Institut rukopisei. [Manuscripts of Aleksandr Kazbegi; a description] Rukopisi Aleksandra Kazbeki; opisanie. Sost. i podgotovil k pechati Sh. N. Gozalishvili. Tbilisi, 1960. 218 p. [In Georgian]
(MH)

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. Institut rukopisei. [Ancient Georgian editions of the Psalter from manuscripts of the 10th to the 13th century] Drevnegruzinskie redaktsii psaltyri po rukopisiam X-XIII vekov. Izdala Mzokaia Shanidze. Tbilisi. (Pamiatniki drevnegruzinskogo iazyka, no. 11) [In Georgian]
Vol. 1. [Text] Tekst. 1960. 484 p.

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Institut iazyka i literatury. [History of Kazakh literature. Istoriia kazakhskoi literatury. Alma-Ata, Akad. nauk Kazakhskoi SSR. In Kazakh]
Vol. 1. [Kazakh oral folk poetry.] Kazakhskoe ustnoe narodno-poeticheskoe tvorchestvo] 1960.
(MH)

AKADEMIIA NAUK SSSR. Institut iazykoznaniia. [Comparative grammar of Turkic languages] Issledovaniia po sravnitel'noi grammatike tiurkskikh iazykov. Pod obshchei red. N. K. Dmitrieva, N. A. Baskakova, E. I. Ubriatovoi. Moskva.
Pt. 3. [Syntax] Sintaksis. 1961. 230 p.

AKADEMIIA NAUK SSSR. Institut iazykoznaniia. [Iberian-Caucasian languages] Voprosy izucheniia iberiisko-kavkazskikh iazykov. Moskva, 1961. 281 p.

AKADEMIIA NAUK SSSR. Institut russkoi literatury. [V. I. Lenin and literary criticism] V. I. Lenin i voprosy literaturovedeniia. Moskva, 1961. 214 p.

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Institut obshchego i politekhnicheskogo obrazovaniia. [Selected practice exercises in the Russian language] Otbor trenirovochnogo materiala po russkomu iazyku; iz opyta raboty uchitelei russkogo iazyka vechernikh (smennykh) srednikh obshcheobrazovatel'nykh shkol. Pod red. L. P. Fedorenko. Moskva, 1961. 158 p. (Pedagogicheskie chteniia)

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Leningradskii Institut pedagogiki. [Organizing instruction in the Russian language in school] Aktivizatsiia prepodavaniia russkogo iazyka v shkole. Pod red. N. A. Bubleevoi i K. T. Golenkinoi. Moskva, 1961. 102 p.

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Institut literatury i iazyka. [History of Azerbaijani literature in three volumes] Istoriia azerbaidzhanskoi literatury v trekh tomakh. Baku. [In Azerbaijani.]
Vol. 2. [From the beginning of the 19th century to 1917] S nachala XIX veka do 1917 goda. 1960. 905 p.

AKKURATOV, V. I. [Reality of false meridians] Istina lozhnykh meridianov. Moskva, Izd-vo "Znanie," 1961. 76 p.

AKHVERDOV, ABDURAGIM. [Letters from hell, selected works. Translated from the Azerbaijani] Pis'ma iz ada; izbrannye proizvedeniia. Moskva, Goslitizdat, 1960. 357 p.
(MH)

ALTAISKII, K. N., and M. KARATAEV. [Whistle in the steppe] Gudok v stepi. [Alma-Ata, Kazakhskoe Goslitizdat., 1961] 429 p.
(MH)

ANTOKOL'SKII, P. G. [Selected works in two volumes] Izbrannye proizvedeniia v dvukh tomakh. Moskva, Gos. izd-vo khudozh. lit-ry.
Vol. 1. [Verse] Stikhotvoreniia. 1961. 478 p.
Vol. 2. [Poems] Poemy. 1961. 341 p.

ANTONOV, S. P. [Variegated pebbles; stories] Raznotsvetnye kameshki, rasskazy. [Moskva] Molodaia gvardiia, 1961. 222 p.
(MH)

APKHAIDZE, SHALVA. [Selected works, verse. Translated from the Georgian] Izbrannoe; stikhi. Tbilisi, Zaria Vostoka, 1960. 270 p.
(MH)

ARABIAN NIGHTS. [The book of a thousand and one nights. Translated from the Arabic] Kniga Tysiachi i odnoi nochi. Moskva, Gos. izd-vo khudozh. lit-ry, 1958-1959. 8 v.
(OCl)

ARAGVISPIRELI, SHIO. [Broken heart, selected works. Translated from the Georgian] Razbitoe serdtse; izbrannye proizvedeniia. Tbilisi, Zaria Vostoka, 1960. 347 p.
(MH)

ARIF, MEHMED. [Works of Dzhafar Dzhabarly] Tvorchestvo Dzhafara Dzhabarly. Baku, Akad. nauk Azerbaidzhanskoi SSR, 1961. 235 p.
(MH)

ASHOT GRASHI. [My spring. Moia vesna. Erevan, Armgiz] 1946. 355 p. [In Armenian.]

AUEZOV, M. O. [Abai, an epic novel. Translated from the Kazakh] Abai; roman-epopeia. Moskva, Gos. izd-vo khudozh. lit-ry, 1956. 2 v.
(CtY)

AURAMCHYK, MIKOLA. [Roads of my land; verse] Dorogi moego kraia, stikhi. Leningrad, Sovetskii pisatel', 1960. 127 p.
(MH)

BABAEVSKII, S. P. [Revolt of a son; a novel] Synovnii bunt, roman. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 94 p. (Roman-gazeta, no. 16(244))

BABAIAN, A. S. [Armenian literary ties, 1920-1960, bibliographic materials] Armianskie literaturnye sviazi, 1920-1960; materialy k bibliografii. Erevan, Izd-vo Akad. nauk Armianskoi SSR, 1960. 150 p.
(CU)

BABUSHKIN, V. F. [Bitter youth. Days of great events] Gor'kaia molodost'. Dni velikikh sobytii. [Moskva] Molodaia gvardiia, 1960. 653 p.
(IU)

BAHROVA, A. P. [White Russian satiric literature during the Great Patriotic War] Belarusskaia satyrychnaia literatura peryiadu Vialikai Aichynnai vainy. Minsk, Vyd-va Beldziarzhuniv., 1960. 117 p.
(MH)

BAIUKANSKII, A. B. [Of a fair wind; a tale] Poputnogo vetra; povest'. IUzhno-Sakhalinsk, Sakhalinskoe knizhnoe izd-vo, 1961. 107 p.

BALODIS, ANDREJS. [Winged years; verse. Translated from the Latvian] Krylatye gody, stikhi. Leningrad, Sovetskii pisatel', 1960. 152 p.
(MH)

BARASHKA, I.M. [Horizons not far off, stories] Blizkiia dali, apaviadanni. Minsk, Dziarzh. vyd-va BSSR, 1959. 160 p.
(MH)

BARNOV, GURAM. [Folk sources in the poetry of Vazha Pshavela. Narodnye istoki poezii Vazha-Pshavela Tbilisi, Akad. nauk Gruzinskoi SSR] 1960. 66 p. [In Georgian.]
(MH)

BEIBUTOV, E.M., ed. [Plays of classical Tatar playwrights] Piesy tatarskikh dramaturgov klassikov [Kazan'] Tatarskoe knizhnoe izd-vo, 1958. 327 p.
(InU)

BEL'DENINOV, S.I. [Man descended from monkeys, idle phantasy inspired by newspaper articles] Chelovek proizoshel ot obez'iany, dosuzhaia fantaziia, vdokhnovlennaia gazetnymi zametkami. New York, 1960. 20 p.

BELKINA, M.O. [Crossroads, sketches] Perekrestki, ocherki. Moskva, Sovetskii pisatel', 1960. 281 p.
(MH)

BERNSHTEIN, S.B. [Comparative grammar of Slavic languages] Ocherk sravnitel'noi grammatiki slavianskikh iazykov. Moskva, Izd-vo Akad. nauk SSSR, 1961. 350 p.

BEZYMENSKII, A. [Once during the night, or judge for yourself, a dramatic scene] Odnazhdy noch'iu, ili rassudite vy, dramaticheskaia stsena. Moskva, Gos. izd-vo kul'turno-prosvetitel'noi lit-ry, 1953. 29 p. (Bibliotechka "Khudozhestvennaia samodeiatel'nost'," no. 15)

BIANKI, V.V. [Birds of peace; stories] Ptitsy mira, rasskazy. [Leningrad] Lenizdat, 1960. 124 p.
(MH)

BOESKOROV, G.K. [Yakut literature during the Great Patriotic War] IAkutskaia khudozhestvennaia literatura v gody Velikoi Otechestvennoi voiny. Pod red. M.I. Fetisova. IAkutsk, IAkutskoe knizhnoe izd-vo, 1960. 103 p.
(MH)

BOGDANOV, LEONID. [Without socialist realism, a collection of humorous stories] Bez sotsialisticheskogo realizma, sbornik iumoristicheskikh rasskazov. Munich, Izdanie TSentr. ob"edineniia politicheskikh emigrantov iz SSSR, 1961. 87 p.

BONFANTI, SILVIA MAGI. [Sunny lane. Translated from the Italian. Preface by author] Perenlok solntsa. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 172 p.

BOVIN, G.M. [Earth's children; a science-fiction tale] Deti zemli; nauchno-fantasticheskaia povest'. Moskva, Sovetskaia Rossiia, 1960. 302 p.
(MH)

BRAINE, JOHN. [Room at the top. Translated from the English] Pul' naverkh. Moskva, Izd-vo inostr. lit-ry, 1960. 262 p.

BRAININA, B.IA. [Valentin Kataev; an outline of his works] Valentin Kataev, ocherk tvorchestva. Moskva, Goslitizdat, 1960. 221 p.
(MH)

BUBNOVA, O.V. [Tale about a poet] Povest' o poete. Izd. 2., ispr. i dop. Moskva, Sovetskaia Rossiia, 1960. 207 p.
(MH)

BUDNYI, STEPAN. [Man going to the sun, verse] Liudyna do sontsia ide; poezii. Kyiv, Molod', 1961. 91 p.
(MH)

[BURMESE-RUSSIAN PHRASE BOOK] Birmansko-Russkii razgovornik. [n.p., n.d.] 1 v.

BURSOV, I.T. [Stars not far off; first book of verse] Blizkie zvezdy. Pervaia kniga stikhov. [Moskva] Molodaia gvardiia, 1960. 103 p.
(MH)

CHAKOVSKII, A.B. [The roads we choose, a novel] Dorogi, kotorye my vybiraem, roman. Moskva, Sovetskii pisatel', 1960. 334 p.
(MH)

[CHECHEN-RUSSIAN DICTIONARY. Approximately 20,000 words. With a concise supplementary grammar of the Chechen language] Chechensko-russkii slovar'. Sos. A.G. Maisiev. Okolo 20 000 slov. S prilozheniem kratkogo grammaticheskogo ocherka chechenskogo iazyka. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1961. 620 p.

CHONKADZE, DANIEL. [Fort Surami. Translated from the Georgian] Suramskaia krepost'. Moskva, Gos izd-vo khudozh. lit-ry, 1961. 61 p.

[COMMAND OF THE TIMES, active participation on the part of the public in activities of the Soviet press and radio] Velenie vremeni, obshchestvennoe nachalo v rabote sovetskoi pechati i radio. Moskva, Izd-vo "Pravda," 1961. 206 p.

[CONCISE SLOVAK-RUSSIAN PHRASE BOOK] Malá Príručka slovensko-ruskej konverzácie. Moskva, Nakladatel'stvo Cudzojazyčnej lit-ry, 1960. 116 p.

DANGULOV, S.A. [Lenin converses with America, stories] Lenin razgovarivaet s Amerikoi, rasskazy. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 156 p.

DAR'IAN, ZARZAND. [Stories. Rasskazy. Erevan, Aimgiz, 1946] 118 p. [In Armenian.]

DASHKIIEV, MYKOLA. [Teeth of a dragon, a science-fiction tale] Zuby drakona, nauchno-fantasticheskaia povest'. Alma-Ata, Kazakhskoe Goslitizdat, 1960. 199 p.
(MH)

DAVTIAN, MARKAR. [Gaiytma. Baku] 1946. 130 p. [In Armenian.]

DOBROVOL'SKII, L.M. [Bibliography of the literature on M.E. Saltykov-Shchedrin, 1848-1917] Bibliografiia literatury o M.E. Saltykove-Shchedrine, 1848-1917. Moskva, Izd-vo Akad. nauk SSSR, 1961. 429 p.

DOGADAEV, V.P. [IUka, a young scout, a poem] IUka - malen'kii razvedchik, poema. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 21 p.

DOLMATOVSKII, E.A. [Just the beginning of it all, verse and songs] Vse tol'ko nachinaetsia, stikhi i pesni. [Moskva] Sovetskii pisatel', 1961. 172 p.

DOROSH, EFIM [Stories] Rasskazy. Moskva, Sovetskii pisatel', 1954. 274 p.
(CtY)

DREISER, THEODORE. [Jennie Gerhardt. Translated from the English] Dzhennie Gerkhardt. Minsk, AN BSSR, 1959. 339 p.
(C)

DROBLENKOVA, N.V., comp. [Bibliography of Soviet Russian works published from 1917 to 1957 on literature of the 11th to the 17th century] Bibliografiia sovetskikh russkikh rabot po literature XI-XVII vv. za 1917-1957 gg. Pod red. i so vstup. stat'ei V.P. Adrianovoi-Pereits. Moskva, Izd-vo Akad. nauk SSSR, 1961. 434 p.

DUDKO, FEDIR. [Great hetman, a historical novel] Velikii het'man, istorychnyi roman. Vyd. 3., vypr. avtorem. Augsburg, Nakl. Hurtivni paperu, 1948. 216 p.
(IU)

DZHAMAL, SAKHIB. [Black roses, a novel. Translated from the Farsi] Chernye rozy; roman. [Moskva] Molodaia gvardiia, 1960. 256 p.
(MH)

EFRON, A.E. [New century; verse] Novyi vek, stikhotvoreniia i poemy. Moskva, Sovetskii pisatel', 1960. 103 p. [Publ. under her pseud. A. Adalis].
(MH)

ELYSEEV, THEODORE. [Songs of Kuban Cossacks] Pesni Kubanskikh kazakov. New York.
Nos. 1-2. 1960.
(NN)

ERIKEEV, A.F. [I am a son of Russia; verse and songs. Translated from the Tatar] IA syn Rossii; stikhi i pesni. Moskva, Sovetskaia Rossiia, 1960. 142 p.
(MH)

ESENIN, S.A. [Collected works, in five volumes] Sobranie sochinenii; v piati tomakh. Pod obshchei red. G.I. Vladykina i dr. Moskva, Gos. izd-vo khudozh. lit-ry.
Vol. I. [Verse, 1910 to October, 1917] Stikhotvoreniia i poemy, 1910 - oktiabr' 1917. 1961. 399 p.

FILIPPOV, BORIS. [Sunglow; stories] Pyl'noe solntse, rasskazy. Washington, 1961. 46 p.

FINK, V.G. [Literary recollections] Literaturnye vospominaniia. Moskva, Sovetskii pisatel', 1960. 302 p.
(CU)

FLEROV, N.G. [Four winds; verse] Chetyre vetra; stikhi. Moskva, Voen. izd-vo, 1960. 95 p.
(MH)

[FLOWERING CRIMEA, literary anthology] TSvetushchii Krym, literaturno-khudozhestvennyi sbornik. Simferopol', Krymizdat, 1960. 271 p. (Dekada Ukrainskoi literatury ta mystetstva)
(MH)

FRIEDRICH, JOHANNES. [Deciphering extinct alphabets and languages. Translated from the German] Dshifrovka zabytykh pis'mennostei i iazykov. Predisl. I.M. Dunaevskoi. Pod red. I.M. D'iakonova. Moskva, Izd-vo inostr. lit-ry, 1961. 206 p.
(ICU)

GAIDAR, A.P. [Blue cup. Golubaia chashka. Erevan, Aimgiz] 1946. 77 p. [In Armenian.]

GALUZA, N.I. [Storms above us, a tale] Nad nami grozy, povest'. Minsk, Gos izd-vo BSSR Red. khudozh. lit-ry, 1961. 134 p.

GARIBIAN, A. [Armenian language, grammar and spelling. Armianskii iazyk, grammatika i pravopisanie. Uchebnik dlia 2-go klassa. Izd. 7. Erevan Aimgiz] 1950. 94 p.

GARIBIAN, A.S. [Brief course in the Armenian language, for self instruction] Kratkii kurs armianskogo iazyka; na pravakh samouchitelia. Izd. 3. Erevan, Armuchpedgiz, 1960. 369 p.

GETS, S.L. [Promethean fire] Ogon' Prometeia. [Moskva] Molodaia gvardiia, 1960. 284 p.
(MH)

GLADKOV, A.K. [Very long ago, a heroic comedy in verse form] Davnym-davno, geroicheskaia komedila v stikhakh. Moskva, Iskusstvo, 1960. 293 p.
(MH)

GLADKOV, F.V. [Freemen, a novel] Vol'nitsa, roman. Moskva, Sovetskii pisatel', 1958. 538 p.
(IU)

GLAZKOV, N.I. [Green expanse, verse] Zelenyi prostor, stikhi. Moskva, Sovetskii pisatel', 1960. 82 p.
(MH)

GNEUSHEV, V.G. [In the footsteps of forefathers, verse] Dorogoi ottsov, stikhi. [Stavropol'] Stavropol'skoe knizhnoe izd-vo, 1960. 104 p.
(MH)

GOFF, I.A. [A poet you might not be...; a tale] Poetom mozhesh' ty ne byt'..., povest'. Moskva, Sovetskii pisatel, 1960. 250 p.
(CU)

GOGOL', N.V. [Evenings on a farm near Dikanka] Vechera na khutore bliz Dikan'ki. Moskva, Izd-vo Akad. nauk SSSR, 1960. 371 p. (His sochinenila, t. 1)
(NjE)

GOLUBOV, S.N. Bagration. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 340 p. (Sovetskii voennyi roman)
(NN)

GORELIK, I.G. [First pages; a documentary tale] Pervye stranitsy; dokumental'naia povest'. [Moskva] Izd-vo TsK VLKSM Molodaia gvardiia," 1961. 253 p.

GORIAKINA, V.S. [Lenin's "Iskra" in the Taurida Government, 1900-1960, on the 60th anniversary of "Iskra."] Leninskaia "Iskra" v Tavricheskoi gubernii, 1900-1960, k 60-letiiu "Iskry." Simferopol', Krymizdat, 1960. 78 p.
(MH)

GRACHEV, N.G. [Ice floe, verse] Ledokhod, stikhi. Moskva, Sovetskii pisatel', 1960. 74 p.
(MH)

GRIBOEDOV, A.S. [Woe from wit; a comedy in four acts in verse form] Gore ot uma; komedila v chetyrekh deistvitakh, v stikhakh. Minsk, Gos. uchebno-pedagog. izd-vo M-va prosv. BSSR, 1958. 180 p.
(NNU)

GRINEVSKII, A.S. [Red sails] Alye parusa. [Rostov-na-Donu, Rostovskoe knizhnoe izd-vo, 1959] 622 p.
(NNU)

GRUDININA, N.I. [Diary of a heart, verse] Dnevnik serdtsa, stikhi. Leningrad, Sovetskii pisatel', 1960. 79 p.
(MH)

GUBIN, A.I. [Big rocks] Bol'shie grachi. Stalino, Knizhnoe izd-vo, 1960. 247 p.
(MH)

GUSEL'NIKOV, I.I. [In a golden land] V strane zolotoi. Moskva, Geografgiz, 1960. 208 p. (Puteshestvila, prikliuchenila, fantastika)
(MH)

HALAN IAROSLAV. [Works] Tvory. Kyiv, Derzh vyd-vo khudozh. lit-ry, 1960. 3 v.
(CaOTU) (NN)

[HAPPY EASTER, On the road to freedom and other stories] Z velykodnem, na voliu i inshi opovidannia Winnipeg, Man., Tryzub, 1949. 157 p
(OCl)

HOLOVANIVS'KYI, S.O. [Two poems] Dve poemy. [Moskva] Molodaia gvardiia, 1960. 136 p.
(MH)

HONCHARENKO, I.I. [Sailor Gaidai, a poem] Matros Gaidai, poema. Moskva, Sovetskii pisatel', 1960. 140 p.
(MH)

HONCHARENKO, I.I. [Songs of my youth] Pisni moiei iunosti. Kyiv, Molod', 1958. 169 p.
(MH)

HRAKHOUSKI, SIARHEI. [At the blue springs, lyrics] U sinikh krynits; lirika. Leningrad, Sovetskii pisatel', 1960. 129 p.
(MH)

HUMENNA, DOKIIA. [Children of the Milky Way, a novel in four books] Dity Chumats'koho shliakhu, roman v 4 knyhakh. Munich, Ukraine'ka Tribuna, 1948. 4 v.
(OCl)

HUSSEIN, TAHA. [Days. Translated from the Arabic] Dni. Moskva, Izd-vo vostochnoi lit-ry, 1958. 230 p.
(MH)

IAKHIN, A. [Dramaturgy of Shamil Usmanov. Dramaturgiia Shamilia Usmanova. Kazan] 1950. 29 p. [In Tatar]
(MH)

IAMPOL'SKII, B.S. [Road of trials] Doroga ispytanii. Moskva, Voen. izd-vo, 1960. 241 p.
(MH)

IARTSEVA, V.N. [Historical syntax of the English language] Istoricheskii sintaksis angliiskogo iazyka. Moskva, Izd-vo Akad. nauk SSSR, 1961. 308 p.

IATSKIV, M.IU. [In firm grip; a tale and stories] V tiskakh, povest' i rasskazy. Moskva, Sovetskii pisatel', 1960. 453 p.
(MH)

IKRAMI, DZHALOL. [I plead guilty. Translated from the Tajik] Priznaiu sebia vinovnym. [Moskva] Molodaia gvardiia, 1961. 187 p.
(MH)

IL'F, I.A. [Twelve chairs (Diamonds to sit on); Golden calf] Dvenadtsat' stul'ev; Zolotoi telenok. Moskva, Gos. izd-vo khudozh. lit-ry, 1959. 654 p.

IL'IN, V.N. [King David's harp in Russian poetry] Arfa Tsaria Davida v russkoi poezii. Brussels, Zhizn' s Bogom, 1960. 76 p.
(MH)

INBER, V.M. [Books and the heart; verse] Kniga i serdtse; stikhi. Moskva, Gos. izd-vo detskoi lit-ry M-va prosv. RSFSR, 1961. 189 p. (Poeticheskaia bibliotechka shkol'nika)

INSHAKOV, P.K. [Spring, a novel] Vesna, roman. Moskva, Sovetskaia Rossiia, 1960. 275 p.
(MH)

IVAKIN, IU.O. [Style of political poetry written by Shevchenko] Styl' politychnoi poezii Shevchenka; etiudy. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 278 p.

IVANOV, A.S. [Time of the young; a novel] Vremia molodykh, roman. [Moskva] Molodaia gvardiia, 1960. 297 p.
(MH)

IVANOV, L.I. [On Siberian soil; sketches] Na zemle Sibirskoi; ocherki. Moskva, Sovetskii pisatel', 1961. 314 p.
(MH)

KALININ, A.V. [Harsh field; a novel] Surovoe pole; roman. [Tiny bird; a tale] Ptichka-novelichka; povest' [by] A. Kakhkhar. (Prilozhenie k zhurnalu "Molodoi kolkhoznik.") Moskva, Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 388 p. (Biblioteka izbrannykh proizvedenii sovetskikh pisatelei v 5 tomakh, vol. 3)

KALININ, A.V. [Harsh field; tales and stories] Surovoe pole; povesti i rasskazy. Moskva, Sovet. pisatel, 1960. 323 p.
(CaAEU)

KAPLAN, G.D. [Editing literature on various branches of industry] Redaktirovanie otraslevoi literatury, iz opyta raboty. Moskva, Gos. izd-vo "Iskusstvo," 1961. 207 p. (Redaktory knigi ob opyte svoei raboty)

KAPLER, A.I. [Two lives, a motion-picture play] Dve zhizni, kinoroman. Moskva, Iskusstvo, 1960. 208 p. (Biblioteka kinodramaturgii)
(MH)

KARASLAVOV, GEORGII. [Stories and tales] Rasskazy i povesti. Moskva, Gos. izd-vo khudozh. lit-ry, 1954. 265 p.
(CtY)

KARDASHOVA, A.A. [Great day in Kostia's life] Bol'shoi den' v zhizni Kosti Moskva, Sovetskaia Rossiia, 1960. 73 p.

KEZHUN, B.A. [Merry alphabet from "a" to "ia", literary parodies] Veselaia azbuka, ot A. do IA; literaturnye parodii. [Moskva] Molodaia gvardiia, 1960. 173 p.
(MH)

KHANZHIN, V.V. [Evening chimes; stories] Nochnoi zvonok, rasskazy. Moskva, Sovetskii pisatel', 1960. 176 p.
(MH)

KHAPSIROKOV, K.K. [National character of the literature of the Adyge peoples] O natsional'nom svoeobrazii literatur adygskikh narodov. Cherkessk, Karachaevo-Cherkesskoe knizhnoe izd-vo, 1960. 62 p.
(MH)

KHAR'IUZOV, V.A. [Fidelity, verse] Vernost', stikhi. Moskva, Voen. izd-vo, 1960. 60 p.
(MH)

KHETAGUROV, K.L. [Collected works] Sobranie sochinenii. Moskva, Akad. nauk SSSR.
Vol. 4. [Journalistic works. Translated from the Ossetic] Publitsistika. 1960. 404 p.
(MH)

KHINKULOV, L.F. Franko. Moskva, Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. (Zhizn' zamechatel'nykh liudei. Seriia biografii, no. 7[321])

KHRAPLYVA, LESIA. [Wind from the Ukraine, stories and tales for children] Viter z Ukrainy; opovidannia ta kazky dlia ditei. Munich, Ukrains'ke vyd-vo, 1958. 142 p.
(OCl)

KHVOSTOV, I.S. [Songs of Alkonost] Pesni Al'konosta. Brussels, Izdanie zhurnala "Rodnye perezvony," 1960. 160 p.

KIEV. DERZHAVNA RESPUBLIKANSKA BIBLIOTEKA URSR IMENI KPRS. [Taras Hryhorovych Shevchenko, 1814-1861, bibliographic materials for large libraries] Taras Hryhorovych Shevchenko, 1814-1861, metodychno-bibliografichni materialy dlia masovykh bibliotek. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1961. 81 p. (Na dopomohu bibliotekarevi)

KLADO, N. [Spousal quarrel, a play in one act] Supruzheskii spor; p'esa v odnom deistvii. Moskva, Gos. izd-vo kul'turno-prosv. lit-ry, 1953. 15 p. (Bibliotechka "Khudozhestvennaia samodeiatel'nost'," no. 1)

KLEBANOV, S., and A. MAR'IAMOV. [One's own opinion; a play in four acts, seven scenes] Osobое mnenie; p'esa v chetyrekh deistviiakh, semi kartinakh. Moskva, Gos. izd-vo "Iskusstvo," 1951. 95 p. (Repertuar teatral'noi samodeiatel'nosti)

KNIAZEV, I.V. [M.E. Saltykov-Shchedrin in Tula] M.E. Saltykov-Shchedrin v Tule. [Tula] Tul'skoe knizhnoe izd-vo, 1960. 59 p.
(MH)

KOBZEV, I.I. [May in Moscow, verse, songs] Moskovskii mai; stikhi, pesni. [Moskva] Mosk. rabochii, 1960. 91 p.
(MH)

KOKTA, M.D. [Mikhail Sholokhov's mastery in journalistic writing] Publitsistika Mikhaila Sholokhova, k voprosu masterstva. Kyiv, Derzhlitvydav Ukrainy, 1960. 1v.
(CLU)

KOLENSKII, V.P. [Road to life] Doroga v zhizn'. [Lugansk] Luganskoe obl. izd-vo, 1960. 145 p.
(MH)

KOL'TSOV, M.E. [Writing for a newspaper; speeches, articles, notes] Pisatel' v gazete; vystupleniia, stat'i, zametki. Moskva, "Sovetskii pisatel," 1961. 137 p.

KONDRATENKO, V.A. [Kursk arc, a novel] Kurskaia duga, roman. Kyiv, Derzhlitvydav, 1960. 167 p.
(MH)

KONKKA, U.S. [Karelian folk tales] Karel'skie narodnye skazki. Petrozavodsk, Gos. izd-vo Karel'skoi ASSR, 1959. 207 p.
(OCl)

KONONOV, A.T. [Dawn over the city] Zori nad gorodom. Moskva, Gos. izd-vo detskoi lit-ry, 1957. 340 p.
(CtY)

KOROLENKO, V.G. [Collected works in five volumes] Sobranie sochinenii v piati tomakh. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia." (Prilozhenie k zhurnalu "Molodoi kolkhoznik")
Vol. 5 [Articles, literary criticism, reminiscences, reviews] Publitsistika, literaturno-kriticheskie stat'i, vospominaniia, retsenzii 1961. 412 p.

KOROLEVA, N.V. [Rain in the pines, verse] Khvoinyi dozhd'; stikhi. Leningrad, Sovetskii pisatel', 1960. 86 p.
(MH)

KOROSTOVETS, M.A. [The Egyptian language] Egipetskii iazyk. Pod obshchei red. G.P. Serdiuchenko. Moskva, Izd-vo vostochnoi lit-ry, 1961. 101 p. (IAzyki zarubezhnogo Vostoka i Afriki)

KOSTANOV, D.G. [A man does good; stories. Translated from the Adyge] Chelovek delaet dobro; rasskazy. Maikop, Adygeiskoe knizhnoe izd-vo, 1960. 166 p.
(MH)

KOVALEV, D.M. [Sultry nights] Riabinovye nochi. Minsk, Gos. izd-vo BSSR, 1958. 155 p.
(MH)

KOVALEV, PETR. [Chat with the heart; lyrics] Razgovor s serdtsem, lirika. Tashkent, Goslitizdat Uzbekskoi SSR, 1960. 67 p. (Pervaia kniga avtora)
(MH)

KRAMINOV, D.F. [Road through the night] Doroga cherez noch'. [Moskva] Molodaia gvardiia, 1961. 414 p.
(MH)

KRAVCHUK, P.I. [Taras Shevchenko in Canada] Taras Shevchenko v Kanadi. Za red. IE.P. Kyryliuka Kyiv, Derzh. vyd-vo khudozhn'oi lit-ry, 1961. 211 p.

KRESTINSKII, IU.A. [A.N. Tolstoi, his life and works, a brief sketch] A.N. Tolstoi, zhizn' i tvorchestvo, kratkii ocherk. Moskva, Izd-vo Akad. nauk SSSR, 1960. 312 p.
(MiU)

KRUPNIAKOV, A.S. [By the Russian sea; a historical novel] U moria russkogo; istoricheskii roman Simferopol', Krymizdat, 1961. 362 p.
(MH)

KRYZHANIVS'KYI, S.A. [Maksym Ryl's'kyi; fifty years of his creative activities] Maksym Ryl's'kyi; p'iatdesiat rokiv tvorchoi diial'nosti. Kyiv, Derzhlitvydav, 1960. 235 p.
(MH)

KULIK, L.S. [The Siberian stories of V.G. Korolenko] Sibirskie rasskazy V.G. Korolenko. Kiev, Izd-vo Akad. nauk USSR, 1961. 58 p.

KULYSH, MYKOLA. [Plays] P'esy. Kyiv, Derzhlitvydav, 1960. 277 p.
(MH)

KURBANNEPESOV, KERIM. [Stories told by grandpa Taimaz; a poem. Translated from the Turkmen] Rasskazy deda Taimaza; poema. Moskva, Sovetskii pisatel', 1960. 154 p.
(MH)

KURBANOV, A.A. [In a night snowstorm; a play in one act] V nochnoi buran; odnoaktnaia p'esa. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 25 p. (Bibliotechka "Khudozhestvennaia samodeiatel'nost', no. 10)

KURILENKO, I.M. [M.P. Staryts'kyi; his life and works] M.P. Staryts'kyi; zhyttia i tvorchist'. [Kyiv] Vyd-vo Kyivs'koho univ., 1960. 63 p.
(MH)

KUROVA, K. [Ivan Shukhov, a biographical sketch] Ivan Shukhov, kritiko-biograficheskii ocherk. Alma-Ata, Kazakhskoe Goslitizdat., 1960. 172 p.
(MH)

KUSTOV, P.P. [Beyond the Sheksna River; verse] Za rekoi Sheksnoi, stikhotvoreniia. Leningrad, Sovetskii pisatel', 1960. 126 p.
(MH)

KUZ'MIN, F.F. [Practical exercises in syntax and punctuation, textbook for teachers' institutes] Prakticheskie zaniatiia po sintaksisu i punktuatsii, uchebnoe posobie dlia uchitel'skikh institutov. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1951. 215 p.

LACIS, VILIS. [Land and sea, a tale of ordinary people seeking happiness. Translated from the Latvian] Zemlia i more, povest' o prostykh liudiakh, iskavshikh svoe schast'e. [Moskva] Molodaia gvardiia, 1961. 223 p.
(MH)

LAPTEV, A.M. ["Futy-nuty", drawings by the author] Futy-nuty. Risunki avtora. [Moskva] Detgiz, 1961. 62 p.

LAVRENT'EV, V.V. [For the sake of dear ones, a play in three acts, seven scenes] Radi svoikh blizhnikh, p'esa v 3-khdeistviiakh, 7-mi kartinakh. Variant dlia khudozhestvennoi samodeiatel'nosti. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 71 p. (Bibliotechka "Khudozhestvennaia samodeiatel'nost," no. 15)

[LAY OF THE HOST OF IGOR; poetic translations and versification] Slovo o polku Igoreve, poeticheskie perevody i perelozheniia. Pod obshchei red. V. Rzhigi, V. Kuz'minoi i V. Stelletskogo. Moskva, 1961. 365 p.

LEBERECHT, HANS. [The Vassars' palaces, a novel] Dvortsy Vassarov, roman. Leningrad, Sovetskii pisatel', 1961. 766 p.

LEONOVA, T.I. [Wives stayed at home; a novel] Doma ostavalis' zheny, roman. Kyiv, Derzhlitvydav, 1960. 406 p.
(MH)

LEPKYI, BOHDAN. [Trilogy; Mazepa] Trilogiia; Mazepa. Chicago [M. Denisiuk, 1959] 4 v. in 6 parts.
Vol. 1-2. [Motria] Motria. 1959.
Vol. 3. [Thou shalt not kill] Ne vbyvai. 1959.
Vol. 4. [Baturin] Baturyn. 1959.
Vol. 5-6 [Poltava. On the Desna. Battle] Poltava. Nad Desnoiu. Boi. 1959.
(OCU)

LEVASHOV, M.A. [Taiga friend; verse] Taezhnyi drug; stikhi. Moskva, Sovetskii pisatel', 1960. 126 p.
(MH)

LEVUSHKIN, A.I. [In the faraway places of Russia, verse] Vo glubine Rossii, stikhi i poemy. Moskva, Sovetskii pisatel', 1960. 124 p.
(MH)

LIPATOV, V.V. [Glukhaya Myata; a tale] Glukhaia Miata; povest'. Moskva, Sovetskii pisatel', 1960. 217 p.
(MH)

LOBANOVA, L.G. [French phrases and idiomatic expressions] Sbornik frantsuzskikh slovosochetanii i idiomaticheskikh vyrazhenii; posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 218 p.

and the times; realism and erature] Pisateli i vremia; -e. Moskva,

in litera-ra.). 132 p.

LONDON, JACK. [Collected works in fourteen volumes. Translated from the English] Sobranie sochinenii v chetyrnadtsati tomakh. Moskva, Izd-vo "Pravda." (Biblioteka "Ogonek.")
Vols. 12-14, 1961.

[LOOK AND FIND!] Poishchi - naideshi [Moskva] Detgiz, 1961. 1 v. illus. (Dlia doshkol'nogo vozrasta)

LOPATKOV, IU., comp. [Gagauz tales] Gagauzskie skazki. Kishinev, "Cartea moldaveneasca," 1958. 121 p.
(OCU)

LUGOVSKOI, I.S. [Breeze through the pines; verse] Khvoinyi veter; stikhi. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1960. 244 p.
(MH)

ALIEV, GEORGII. [Legends and true stories. Translated from the Ossetic] Legendy i byli. Moskva, Sovetskii pisatel', 1960. 70 p.
(MH)

MALYGIN, K.A. [Struggle in fetters, a tale] Bor'ba v okovakh, povest'. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1960. 258 p.
(MH)

MALYSHKO, ANDRII. [Noontide of the century; new verse. Translated from the Ukrainian] Polden' veka, novye stikhi. Leningrad, Sovetskii pisatel', 1960. 193 p.
(MH)

MARGOLIN, IU.B. [Jewish tale] Evreiskaia povest'. Tel Aviv, Maalan [1960] 215 p.
(MH)

MAR'INSKII, V.D. [Confessions, lyrics] Priznanie; lirika. Stavropol', Knizhnoe izd-vo, 1960. 90 p.
(MH)

MASHINSKII, S.I. [S.T. Aksakov; his life and works] S.T. Aksakov, zhizn' i tvorchestvo. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 542 p.

MASHKOV, A.V. [Apple tree abloom; lyrics] TSvetom iablon'; lirika. [Smolensk] Smolenskoe knizhnoe izd-vo, 1960. 90 p.
(MH)

MEDNIKOV, A.M. [Wings, sketches] Kryl'ia, ocherki. Moskva, Sovetskii pisatel', 1960. 221 p.
(MH)

MEDVEDEV, F.E., and V. PEREL'MAN. [A lass is here from town, a documentary tale] Priekhala iz goroda devchonka; dokumental'naia povest'. [Moskva] Profizdat, 1960. 190 p.
(MH)

MEILAKH, B.S. [Flight and death of Leo Tolstoi] Ukhod i smert' L'va Tolstogo. Moskva, Goslitizdat, 1960. 405 p.
(MH)

MEL'NIKOV, N.M. [I've found you, father; a novel] IA nashel tebia, otets; roman. [Briansk] Brianskii rabochii, 1960. 209 p.
(MH)

MESHCHANINOV, I.I. [Recent developments in the study of language] Novoe v uchenii o iazyke; roch' na torzhestvennom zasedanii IUbileinoi sessii Akademii Nauk SSSR. Moskva, Izd-vo Akad. nauk SSSR, 1945. 11 p.

METAL'NIKOV, B.A. [Love of Alesha, a common story; motion-picture plays] Aleshkina liubov', Prostaia istoriia; kinostsenarii. Moskva, Iskusstvo, 1960. 182 p. (Biblioteka kinodramaturga)
(MH)

MEZHDUNARODNYI SEMINAR PREPODAVATELEI RUSSKOGO IAZYKA VYSSHIKH UCHEBNYKH ZAVEDENII SOTSIALISTICHESKIKH STRAN. 2d, Moscow, 1959. [Russian for foreign students] Russkii iazyk dlia studentov-inostrantsev, sbornik materialov. [Moskva] Izd-vo Mosk. univ., 1961. 267 p.

MIKUSHEV, A.K. [Komi literature and folk poetry] Komi literatura i narodnaia poeziia. Syktyvkar, Komi knizhnoe izd-vo, 1961. 126 p.

[MODERN AMERICAN SHORT STORIES. Preface by IA. Zasurskii] Moscow, Foreign Languages Publishing House, 1960. 568 p.

MOLDOVANOV, A.M. [Girl from Beregovo; a tale] Beregovchanka, povest'. Kiev, Molod', 1958. 150 p.
(MH)

MORDINOV, N.E. [Tales. Translated from the Yakut] Povesti. Moskva, Sovetskii pisatel', 1960. 192 p.
(MH)

MORE, Sir THOMAS. [Utopia. Translated from the Latin] Utopiia. Vstup. stat'ia V.P. Volgina. Izd. 2., dop. Moskva, Izd-vo Akad. nauk SSSR, 1953. 294 p. (Akademiia nauk Soiuza SSR. Predshestvenniki nauchnogo sotsializma)
(CU)

MOSCOW. GOSUDARSTVENNYI MUZEI L.N. TOLSTOGO. [Lev Tolstoi's home in Moscow] Dom L'va Tolstogo v Moskve. [Moskva] Moskovskii rabochii, 1960. 131 p. (Po muzeiam i vystavkam Moskvy i Podmoskov'ia)
(MH)

MOSCOW. VSESOIUZNAIA GOSUDARSTVENNAIA BIBLIOTEKA INOSTRANNOI LITERATURY. [O. Henry; a biobibliographical index published on the 50th anniversary of his death] O. Genri; biobibliograficheskii ukazatel' k 50-letiiu so dnia smerti. Moskva, Izd-vo Vses. knizhnoi palaty, 1960. 141 p. (Pisateli zarubezhnykh stran)
(CU)

MOSKVIN, N.IA. [Two long days; a tale] Dva dolgikh dnia; povest'. Moskva, Izd-vo "Pravda," 1961. 63 p. (Biblioteka "Ogonek," no. 31)

MOTYKA, HRYTS'. [Spots in the sky, an unusual story from everyday life] Pliamky na pidnebinni, neshchodenni istorii iz shchodennoho zhyttia. Buenos Aires, J. Serediak, 1960. 207 p.
(OCU)

MOVSESIAN, A.M. [The artist. Artist. Erevan, Armgiz] 1946. 112 p. [Publ. under his. pseud. Shirvanzade. In Armenian.]

MUGUEV, KHADZHI-MURAT. [Mrs. Bark's doll] Kukla gospozhi Bark. Stalinabad, Tadzhikgosizdat, 1960. 373 p.
(MH)

MUKHTAR, ASKAD. [Karakalpak tale. Translated from the Uzbek] Karapalpakskaia povest'. [Moskva] Molodaia gvardiia, 1960. 136 p.
(MH)

MURATOV, N.G. [Keys to happiness; a novel] Kliuchi schast'ia; roman. Kishinev, Kartia moldoveniaske, 1960. 934 p.
(MH)

[THE MUSEUM APARTMENT OF A.S. PUSHKIN] Muzei-kvartira A.S. Pushkina. [Leningrad] Lenizdat, 1956. 140 p. (Po muzeiam i pamiatnym Leningrada i oblasti)

MUSIKOV, V.P. [Il'ko is going to Moscow; booklet on a lad and his dream] Il'ko edet v Moskvu; knizhka pro mal'chishku i ego mechtu. [Arkhangel'sk] Arkhangel'skoe knizhnoe izd-vo, 1961. 29 p.

NAHNYBIDA, MYKOLA. [Along the roads of life, verse] Dorogami zhizni, stikhotvoreniia i poemy. [Moskva, Goslitizdat, 1960] 286 p.
(MH)

NAZAROV, I.M. [In white jaws] V beloi pasti. Moskva, Sovetskaia Rossiia, 1960. 60 p. (Korotkie povesti i rasskazy)
(MH)

NERUDA, PABLO. [Hymns to Cuba and other poems. Translated from the Spanish] Gimny Kube i drugie poemy. Moskva, Izd-vo "Pravda," 1961. 31 p. (Biblioteka "Ogonek," no. 33)

NIKITIN, S.K. [White sail; stories] Belyi parus; rasskazy. [Vladimir] Vladimirskoe knizhnoe izd-vo, 1960. 166 p.
(MH)

NODIR. [Seven parterres] Khaft gulshan (etti gulshan). Toshkent, Üzbekiston SSR fanlar Akademiiasii nashriëti, 1961. 212 p. [In Uzbek]

NOVIKOV, V.B. [Kolyma, my Kolyma; stories] Kolyma ty, Kolyma; rasskazy. [Magadan] Magadanskoe knizhnoe izd-vo, 1960. 145 p.
(MH)

NURMAKHANOV, KALZHAN. [Literary notes] Literaturnye zametki; sbornik kriticheskikh i literaturovedcheskikh statei. Alma-Ata Kazakhskoe Goslitizdat, 1961. 209 p.
(MH)

ODESSA. UNIVERSITET. [Oleksandr Opanasovych Potebnia, 1835-1891; summaries of transactions and reports at the scientific conference in honor of the 125th birthday of the distinguished Ukrainian linguist, Oct. 31-Nov. 1, 1960] Oleksandr Opanasovych Potebnia, 1835-1960; tezy dopovidei i povidomlen' na naukovii konferentsii prysviachenii 125-richchiu z dnia narodzhennia vydatnoho vitchyznianoho lingvista 31 zhovtnia-1 lystopada 1960 roku. Odesa, M-vo vyshchoi i seredn'oi spetsial'noi osvity URSR, 1960. 46 p.
[MICROFILM]

ODOEVTSEVA, IRINA. [Ten years; verse] Desiat' let; stikhi. [Paris] Rifma, 1961. 61 p.
(MH)

OGNEV, V.F. [Poetry and modern times] Poeziia i sovremennost'; sbornik statei. Moskva, Sovetskii pisatel', 1961. 354 p.
(CU)

OISLENDER, A.E. [Sea and shore, verse] More i bereg; stikhotvoreniia. Moskva, Sovetskii pisatel', 1960. 198 p.
(MH)

ONATS'KYI, IEVHEN. [Vision of the soul and voice of the heart] Ochyma dushi - holosom sertsia; perespivy. Buenos Aires, "Peremoha," 1956. 102 p.

ORATOVSKII, I. B. [Precise time; verse] Tochnoe vremia, stikhi i poemy. Moskva, Sovetskii pisatel', 1960. 73 p.
(MH)

ORDYS'KYI, SEMEN. [Purple cross, a historical tale from the year 1057] Bahrianyi khrest, istorychna povist' iz 1057 roku. Hoverlia, 1959. 135 p.
(OCU)

ORLOV, B. G. [Lyrics] Lirika. Stalino, Knizhnoe izd-vo, 1960. 45 p.
(MH)

OSHIN, N. P. [Land of courage] Zemlia muzhestva. [Novosibirsk] Novosibirskoe knizhnoe izd-vo, 1961. 102 p.

PANAGIEVNYI, I. D. [Feuilletons] Fel'etony. [Izd. 2.] Kishinev, Kartiia moldovenieske, 1960. 166 p.
(MH)

PANTELEEV, L. [Honest word. Chestnoe slovo. Erevan, Armgiz] 1946. 181 p. [In Armenian.]

PARANUK, M. [Strike, cudgel, strike! An Adyge tale. Translated from the Adyge] Bei - dubinka; adygeiskaia skazka. Maikop, Adygeiskoe knizhnoe izd-vo, 1960. 19 p.

PASTERNAK, BORIS. [Prose written from 1915 to 1958. Tales, stories, autobiographical works] Proza 1915-1958. Povesti, rasskazy, avtobiograficheskie proizvedeniia. Pod red G. P. Struve i B. A. Filippova. Vstup. stat'ia Vladimira Veidle. Ann Arbor, The University of Michigan Press [1961] 362 p.

PASTERNAK, BORIS. [Verse from 1912 to 1932] Stikhi i poemy 1912-1932. Pod red. G. P. Struve i B. A. Filippova. Predisl. Zhakliny de Proular. Vstup. stat'ia Vladimira Veidle. Ann Arbor, The University of Michigan Press [1961] 495 p.

PASTERNAK, BORIS. [Verse from 1936 to 1959. Children's verse. Verse from 1912 to 1957 not included in the author's collections. Articles and speeches] Stikhi 1936-1959. Stikhi dlia detei. Stikhi 1912-1957, ne sobrannye v knigi avtora. Stat'i i vystupleniia. Pod red. G. P. Struve i B. A. Filippova. Vstup. stat'ia Vladimira Veidle. Ann Arbor, The University of Michigan Press [1961] 207 p.

PAVLOVSKII, G. I. [Chat with you; verse] Razgovor s toboi; stikhi. [Stalingrad] Stalingradskoe knizhnoe izd-vo, 1960. 30 p.
(MH)

[PEACE DOES NOT REIGN ON THE BORDER; stories and sketches about border guards] Granitsa ne znaet pokoia; rasskazy i ocherki o pogranichnikakh. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia, " 1961. 267 p.

PERVENTSEV, A. A. [Honor from youth; a novel] Chest' smolodu; roman. [Moskva] Sovetskii pisatel', 1959. 486 p.
(IEN)

PERVOMAI'KYI, L. S. [Mother's sweet bread; stories] Materyn solodkyi khlib, opovidannia. Kyiv, Radians'kyi pys'mennyk, 1960. 183 p.
(MH)

PETROV, A. I. [The last grenade; stories] Poslednia granata, rasskazy. [Murmansk] Murmanskoe knizhnoe izd-vo, 1960. 74 p.
(MH)

PETUKHOV, P. P. [Second Advent; a poem] Vtoroe Prishestvie; poema. Izd. 2., perer. Washington.
Pt. 1. [Earth. Pitfalls. War. Out in the world] Zemlia. Ukhaby. Voina. Po belu svetu. 392 columns.
Pt. 2. Book 5. [Mir Bozhii] God's world. 1960. 1124 columns.

PINCHEVSKII, M. IA. [Dolna; verse] Dolna; stikhi i poemy. Moskva, Sovetskii pisatel', 1960. 141 p.
(MH)

[POETS AT THE BEGINNING OF THE 19TH CENTURY] Poety nachala XIX veka. Leningrad, Sovetskii pisatel', 1961. 657 p. (Biblioteka poeta osnovana M. Gor'kim. Malaia seriia, izd. 3)

[POETS OF THE 1820's and 1830's] Poety 1820-1830-kh godov. Leningrad, Sovetskii pisatel', 1961. 632 p. (Biblioteka poeta osnovana M. Gor'kim. Malaia seriia, izd. 3)

PRISTAVKIN, A. I. [My contemporaries] Moi sovremenniki. Moskva, Sovetskaia Rossiia, 1960. 118 p. (Korotkie povesti i rasskazy)
(MH)

PROKOF'EV, A. A. [Invitation to travel] Priglashenie k puteshestviiu. Leningrad, Sovetskii pisatel', 1960. 289 p.
(MH)

PROKOF'EV, N. I. [Forming a concept of literary theory in the upper grades] Formirovanie poniatii po teorii literatury v starshikh klassakh. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 47 p. (Pedagogicheskaia biblioteka uchitelia)

PUL'KINA, I. M. [Tables for some divisions of the morphology of the Russian language] Tablitsy po nekotorym razdelam morfologii russkogo iazyka, posobie dlia inostrantsev. Moskva, Uchpedgiz, 1961. 64 charts

PUSHKIN, A. S. [Evgenii Onegin; a novel in verse form] Evgenii Onegin; roman v stikhakh. London, Bradda Books, 1960. 208 p.
(IU)

PUSHKINSKAIA KONFERENTSIIA, Kishinev, Odessa, 1954-59. [Pushkin in the South, Transactions of the Pushkin Conference held in Odessa and Kishinev] Pushkin na IUge, trudy Pushkinskoi konferentsii Odessy i Kishineva. Kishinev, Shtiintsa.
Vol. 2. 1961.
(MH)

RADZYKEVYCH, VOLODYMYR. [Winter is upon us] Pryletila zyma bila. Cleveland, Khvyli Dnistra, 1959. 1 v.
(OCU)

REKHLOV, V. S. [A tale about Mikhail Volkov] Povest' o Mikhaile Volkove. [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1960. 176 p.
(MH)

ROCHYN', S. M. [Whither flows the Syan; verse] De Sian protikaie; poezii. Kyiv, Molod', 1961. 42 p.
(MH)

ROVENSKII, N., comp. [Your lights, Karaganda; sketches, stories, verse] Tvoi ogni, Karaganda; ocherki, rasskazy, stikhi. Alma-Ata, Kazakhskoe izd-vo khudozh. lit-ry, 1961. 258 p.
(MH)

ROZHDESTVENSKII, N. S. [Development of orthographic habits in second-grade students] Razvitie orfograficheskikh navykov u uchashchikhsia II klassa. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 111 p. (Pedagogicheskaia biblioteka uchitelia)

ROZOV, V. S. [Unequal fight; a comedy] Neravnyi boi; komedila. Moskva, Iskusstvo, 1960. 77 p.
(MH)

RUBLEV, V. F. [On the outskirts of town, a tale] Na okraine goroda; povest'. [Cheliabinsk, Cheliabinskoe knizhnoe izd-vo, 1960] 235 p.
(MH)

[RUSSIA, YOUR STARS SHINE OVER ME. Translated from the Buryat] Rossiia, nado mnoiu tvoi zvezdy. Ulan-Udo, Buriatskoe knizhnoe izd-vo, 1961. 69 p.

[RUSSIAN-ENGLISH DICTIONARY] Russko-Angliiskii slovar'. Sost. O. P. Beniukh i G. V. Chernov. 8000 slov. Moskva, Gos. izd-vo inostr. natsional'nykh slovarei, 1958. 715 p.
[MICROFILM]

[RUSSIAN-JAPANESE PHRASE BOOK] Russko-laponskii razgovornik. Sost. A. S. Kolomiets. Moskva, Izd-vo lit-ry na inostr. iazykakh, 1961. 175 p.
[MICROFILM]

[RUSSIAN-KHAKASS DICTIONARY] Russko-khakasskii slovar'. Pod red. F. I. Chankova; 31 000 slov. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1961. 967 p.

RUT'KO, A. I. [Fascinating star; a tale] Plenitel'naia zvezda; povest'. Moskva, Sovetskii pisatel', 1961. 166 p.
(MH)

RYL'SKYI, MAKSYM. [Poetry of Taras Shevchenko] Poezila Tarasa Shevchenko, Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 69 p.

SADOVSKII, A. L. [Life of the Bugrovs, documentary tale] Zhizn' Bugrovykh; dokumental'naia povest'. [Leningrad] Lenizdat, 1960. 214 p.
(MH)

SAMARKAND, UZBEKSKII GOSUDARSTVENNYI UNIVERSITET. Kafedra russkogo iazykoznaniia. [Linguistics conference dedicated to the 4th International Congress of Slavists; brief reports] Konferentsiia po iazykoznaniiu; posviashchennaia IV Mezhdunarodnomu s"ezdu slavistov. Kratkie soobshcheniia. Samarkand, 1958. 48 p.
(CLU)

SAMOILOV, L. S., and B. P. SKORBIN. [Motherland is the password, a tale] Parol' - Rodina, povest'. Izd. 2., dop. [Kaluga] Kaluzhskoe knizhnoe izd-vo, 1961 324 p.

SARKISIAN, KHOREN. [The Great Patriotic War and literature. Otechestvennaia voina i literatura. Erevan, Armgiz] 1946. 197 p. [In Armenian.]

[SCIENTIFIC METHODS OF LANGUAGE RESEARCH; on the so-called "mathematical linguistics"] O tochnykh metodakh issledovaniia iazyka, o tak nazyvaemoi "matematicheskoi lingvistike." [By] O. S. Akhmanova i dr. [Moskva] Izd-vo Mosk. univ., 1961. 161 p.

SEKKHAR, CH., and IU. IU. GLAZOV. [The Malayalam language] IAzyk malaialam. Pod obshchei red. G. P. Serdiuchenko. Moskva, Izd-vo vostochnoi lit-ry, 1961. 92 p. (IAzyki zarubezhnogo Vostoka i Afriki)

SHABLIOVS'KYI, IE. S. [Patriotism in the works of T. H. Shevchenko] Patriotychni idei v tvorchosti T. H. Shevchenka. Kyiv, Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' URSR, 1961. 91 p.

SHAPIRO, A. B. [Russian spelling] Russkoe pravopisanie. Izd. 2., perer. Moskva, Izd-vo Akad. nauk SSSR, 1961. 244 p.

SHAPOVALENKO, N. N. [Plays] P'esy. Moskva, Sovetskii pisatel', 1960. 198 p.
(MH)

SHARBATOV, G. SH. [The modern Arabic language] Sovremennyi arabskii iazyk. Pod obshchei red. G. P. Serdiuchenko. Moskva, Izd-vo vostochnoi lit-ry, 1961. 111 p. (IAzyki zarubezhnogo Vostoka i Afriki)

SHEININ, L. R. [Grandson of a king; a comedy] Vnuk korolia; komedila. Moskva, Iskusstvo, 1960. 94 p.
(MH)

SHEMSHELEVICH, L. V. [Flashes of heat lightning; verse] Zarnitsy, stikhi. [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1960. 90 p.
(MH)

SHERVINSKII, S. V. [Rhythm and thought, analysis of Pushkin's poetics] Ritm i smysl; k izucheniiu poetiki Pushkina. Moskva, Izd-vo Akad nauk SSSR, 1961. 270 p.

SHIRAZ, O. [Lyrics. Lirika. Erevan, Armgiz] 1946. 96 p. [In Armenian.]

SHUTOV, V. V. [Lyrics of my city] Lirika moego goroda. Stalino, Knizhnoe izd-vo, 1960. 91 p.
(MH)

SKORIK, P. IA. [Grammar of the Chukchi language] Grammatika chukotskogo iazyka. Moskva, Izd-vo Akad. nauk SSSR.
Pt. 1. [Phonetics and morphology of nouns] Fonetika i morfologiia imennykh chastei rechi. 1961. 448 p.

SMELIAKOV, IA. V. [Work and love; the years of the fifties, forties, and thirties] Rabota i liubov': piatidesiatye gody, sorokovye gody, tridtsatye gody. [Moskva] Molodaia gvardiia, 1960. 271 p.
(MH)

SMIRNOV, D. A. [Apple-tree shore] IAblonevyi bereg. Moskva, Voen. izd-vo, 1960. 109 p.
(MH)

SMIRNOVA, M. A., and M. I. KRAINDEL'. [Four under one roof; a comedy] Chetvero pod odnoi kryshei; komedila. Moskva, Izkusstvo, 1960. 101 p.
(MH)

SNEGOV, S. A. [River paving its bed; a novel] Reka prokladyvaet ruslo; roman [Kaliningrad, Kaliningradskoe knizhnoe izd-vo, 1960] 363 p.
(MH)

SOBOL', M. A. [Brief stays for the night] Korotkie nochlegi. Moskva, Sovetskii pisatel', 1960. 130 p.
(MH)

SOIUZ PISATELEI SSSR. Ivanovskoe otdelenie. [Native regions; a literary collection] Kraia rodnye; literaturno-khudozhestvennyi sbornik. [Ivanovo] Ivanovskoe knizhnoe izd-vo, 1957. 260 p.
(MH)

SOKOLOV, A. I. [Meeting with youth; verse] Vstrecha s iunost'iu; stikhi i poema. [Moskva] Molodaia gvardiia, 1961. 61 p.
(MH)

SOSIURA, V. [Verse] Stikhotvoreniia i poemy. Moskva, Gos. izd-vo khudozh. lit-ry, 1960. 542 p.
(NN)

SOTNIKOV, I. V. [The Danube on fire, [Prague is calling], a novel] Dunai v ogne, [Praga zovet], roman. Ufa, Bashkirskoe knizhnoe izd-vo, 1960. 367 p. (MH)

STARAZHOUSKI, KASTUS'. [Thirty years in the service of White Russian culture] 30 hadou na sluzhbe rodnoi kul'tury. [Detroit, Belaruskae vyd-va "Svet," 1961]. 13 p.

STAROGIN-FREINDLING, A. V. [Contemporaries] Rovesniki. [Petrozavodsk, Gos. izd-vo Karel'skoi ASSR, 1960] 336 p. (MH)

STELMAKH, M. P. [Human blood is not water, a novel] Krov liuds'ka - ne voditsia, roman. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1958. 269 p. (InU)

STEPANOV, A. V. [History of the Russian literary language] Istoriia russkogo literaturnogo iazyka; uchebno-metodicheskoe posobie dlia studentov-zaochnikov III-IV kursov. Izd. 2., dop. [Moskva] M-vo vysshego i srednego spetsial'nogo obrazovaniia RSFSR, 1961. 79 p.

STOLIAROV, V. S. [Literature is the pulse of life Literatura, pul's zhizni. Ioshkar-Ola, Marilskoe knizhnoe izd-vo] 1960. 203 p. [In Mari.] (MH)

STREKHNIN, IU. F. [Banner, a tale] Znamia, povesti', Moskva, Sovetskaia Rossiia, 1960. 118 p. (Korotkie povesti i rasskazy) (MH)

SVETLICHNYI, VL. [Road to the desert, sketches] Doroga v pustyniu, ocherki. Frunze, Kirgizskoe gos. izd-vo, 1960. 213 p. (MH)

[SWAHILI-RUSSIAN DICTIONARY. Approximately 18,000 words, with a brief supplementary outline of Swahili grammar] Suahili-russkii slovar'. Pod red. D. A. Ol'derogge. Okolo 18 000 slov. S prilozheniem kratkogo ocherka grammatiki iazyka suahili, sost. E. N. Miachinoi. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1961. 560 p.

TAITS, IA. M. [Unquenchable light] Neugasimyi svet. Moskva, Gos. izd-vo detskoi lit-ry, 1958. 236 p. (CtY)

TANIN, IA. G. [Ballad of happiness, verse] Ballada o schast'e, stikhi i poema. [Tiumen'] Tiumenskoe knizhnoe izd-vo, 1960. 89 p. (MH)

TARAS, V. E. [Confidence; verse] Doverie, stikhi. Minsk, Gos. izd-vo BSSR, 1960. 63 p. (MH)

TARONTSI, S. [Song of David. Pesnia Davida. Erevan, Armgiz] 1946. 140 p. [In Armenian.]

[TEACHING THE AZERBAIJANI LANGUAGE AND LITERATURE] Azërbaichan dili ve ëdëbiiiat tëdrisi, metodik megaleter mëchmuëi Uchunchu (27-chi) burakhylysh. Baky, "Azërbaichan mëktëbi" zhurnalyna ëlavë, 1960. 106 p. (Azërbaichan mëktëbi, "prilozhenie k no. 3) [In Azerbaijani.]

[TODAY AFTER WORK; at the club and at home] Segodnia posle raboty, v klube i doma. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 167 p.

TOLSTOI, A. N. [Aelita. Engineer Garin's hyperboloid] Aelita, Giperboloid inzhenera Garina. Minsk, Gos. uchebno-pedagog. izd-vo M-va prosv. BSSR, 1959. 414 p. (NjR)

TOLSTOI, S. S. [How to translate from the English] Kak perevodit' s angliiskogo iazyka. Moskva, Izd-vo IMO, 1960. 112 p. (V pomoshch' izuchaiushchim angliiskii iazyk)

TOMAN, N. V. [The big bang takes place today, adventure tales and stories] Vzryv proizoidet segodnia, prikliuchenskie povesti i rasskazy. [Moskva] Molodaia gvardiia, 1961. 206 p. (MH)

TSYGAL'NITSKII, E. M. [Baikal railroad, verse] Baikal'skaia magistral'; stikhi. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1961. 50 p.

TURCHYNS'KA, AGATA. [My friend Ashkhabad, a novel. Translated from the Ukrainian] Moi drug, Ashkhabad; roman. Moskva, Sovetskii pisatel', 1960. 529 p. (MH)

TURGENEV, I. S. [Collected works in ten volumes] Sobranie sochinenii v desiati tomakh. Moskva, Gos. izd-vo khudozh. lit-ry.
Vol. 3. [On the eve. Fathers and sons] Nakanune. Ottsy i deti. 1961. 301 p.

TURGENEV, I. S. [Complete collection of works and letters] Polnoe sobranie sochinenii i pisem. Moskva, Akad. nauk SSSR. (Pushkinskii dom)
Vol. 1. 1960.
(MH)

TURGENEV, I. S. Mumu [Moskva, Gos. izd-vo detskoi lit-ry, 1959] 15 p. (Shkol'naia biblioteka dlia nerusskikh shkol)
(NcD)

TURGENEV, I. S. [A nest of gentlefolk] Dvorianskoe gnezdo. Moskva, Gos. izd-vo khudozh. lit-ry, 1958. 158 p.
(NjR)

USYCHENKO, IU. I. [Black cross, a tale] Chernyi krest, povest'. [Odessa] Odesskoe knizhnoe izd-vo, 1961. 294 p.
(MH)

VALLAK, PEET. [Beyond the alder grove, stories. Translated from the Estonian] Za ol'shanikom, rasskazy. Moskva, Sovetskii pisatel', 1960. 229 p.
(MH)

VANSHENKIN, K. IA. [Inscription on a book, lyrics] Nadpis' na knige, lirika. [Moskva] Molodaia gvardiia, 1960. 127 p.
(MH)

VARAVVA, I. F. [Stars in the poplars; verse] Zvezdy v topoliakh, stikhi. [Krasnodar] Krasnodarskoe knizhnoe izd-vo, 1960. 176 p.
(MH)

[VARIANTS OF THE MANUSCRIPT OF RUSTAVELI'S POEM "KNIGHT IN A TIGER'S SKIN." Varianty rukopisei poemy Rustaveli "Vitiaz' v tigrovoi shkure." Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR] 1960. 281 p. [In Georgian.]

VASIL'EV, A. S. [We did not surrender] My ne sdalis'! Red. P. Vershigora. [Penza] Penzenskoe knizhnoe izd-vo, 1960. 194 p.
(MH)

VERGELIS, ARON. [Second meeting. Translated from the Yiddish] Vtoraia vstrecha. [Leningrad] Sovetskii pisatel', 1961. 150 p.

VETLUGIN, I. M. [Milkmaids, verse] Doiarki; stikhi. [Novosibirsk] Novosibirskoe knizhnoe izd-vo, 1960. 41 p.
(MH)

VIAZOVS'KYI, H. A. [The writer and life] Pys'mennyk i zhyttia. [Odessa] Odes'ke knyzhkove vyd-vo, 1959. 166 p.
(MH)

VINOKUROV, E. M. [Human countenance; verse] Litso chelovecheskoe; stikhi. Moskva, Sovetskii pisatel', 1960. 230 p.
(MH)

VIRTA, N. E. [Evening bell, a novel] Vechernii zvon, roman. [Moskva] Molodaia gvardiia," 1961. 621 p.
(MH)

VLADKO, V. M. [Argonauts of the world; a science-fiction novel] Argonavty vsesvitu; naukovo-fantastychnyi roman. Kyiv, Molod', 1956. 1 v.
(MiD)

VOISKUNSKII, E. L. [Our friend Pushkarev; stories] Nash drug Pushkarev, rasskazy. Moskva, Voen. izd-vo, 1960. 190 p.
(MH)

VOROB'EV, V. F. [Genius of "Russian and world literature; V. I. Lenin on L. N. Tolstoi] Genii russkoi i mirovoi literatury; V. I. Lenin o L. N. Tolstom. [L'vov] Izd-vo L'vovskogo univ., 1960. 36 p.
(MH)

VORONOV, M. A. [Tales and stories] Povesti i rasskazy. Moskva, Goslitizdat, 1961. 268 p.
(MH)

VOZNESENSKII, A. A. [Mosaics, verse] Mozaika, stikhi i poemy. [Vladimir] Vladimirskoe knizhnoe izd-vo, 1960. 71 p.
(MH)

VVEDENSKAIA, L. A. [Proverbs and sayings in articles of Soviet writers] Poslovitsy i pogovorki v publitsistike sovetskikh pisatelei. [Rostov-na-Donu] Izd-vo Rostovskogo univ., 1960. 32 p.

ZAKIR AZIM, IBRAGIM [Memories of Sivalan, verse] Sivalan khatirëlëri, she'rlër. Baky, Azërbaichan dovlet nëshriiiaty, 1961. 61 p. [In Azerbaijani.]

ZAKRUTKIN, V. A. [Floating stanitsa; a novel] Plavuchaia stanitsa, roman (prilozhenie k zhurnalu "Molokoi kolkhoznik") Moskva, Izd-vo TsK VLKSM "Molodaia gvardiia," 1961 367 p. (Bibliioteka izbrannykh proizvedenii sovetskikh pisatelei v 5 tomakh, vol. 2)

ZALYGIN, S. P. [Unwritten stories, literary criticism] O nenapisannykh rasskazakh, literaturno-kriticheskie stat'i. [Novosibirsk] Novosibirskoe knizhnoe izd-vo, 1961. 90 p.

ZASLAVSKII, D. I. [Day after day; selected works] Den' zadnem, izbrannye proizvedeniia. Moskva, Pravda.
Vol. 1. [With friends] Sredi svoikh. 1960.
Vol. 2. [Friends and strangers] Svoi i chuzhie. 1960.
(MH)

ZAVERIN, M. Z. [On translations] O perevodakh, ploi' statei. Tbilisi, Izd-vo Soiuza pisatelei Gruzii "Zaria Vostoka," 1960. 76 p.

ZBANATS'KYI, IURII. [The only one, a tale] Edinstvennaia, povest'. Moskva, Sovetskii pisatel', 1961. 203 p.
(MH)

ZEN'KOVSKII, V. V. N. V. Gogol'. Paris, YMCA-Press [1961] 261 p.
(MH)

ZHAROV, V. I. [A girl named Vesna] Devushka po imeni Vesna. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 79 p.

ZHELEZNOV, P. I. [Confidence; verse] Doverie, stikhi. Moskva, Sovetskii pisatel', 1960. 88 p.
(MH)

ZHEMCHUZHNIKOV, A. M. [Selected works] Izbrannoe. [Tambov] Tambovskoe knizhnoe izd-vo, 1959. 319 p.
(MH)

ZVEGINTSEV, V. A. [History of linguistics during the 19th and 20th centuries in essays and excerpts] Istoriia iazykoznaniia XIX i XX vekov v ocherkakh i izvlecheniiakh. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR.
Pt. 1. 1960. 405 p.

ZVEREV, M. D. [The end of a blank spot; a tale] Konets belogo piatna. Moskva, Gos. izd-vo geogr. lit-ry, 1960. 95 p. (Puteshestviia, prikliuchenita, fantastika)

ZVEZDAEVA, V. A. [Man for the people, a novel] Chelovek - dlia liudei; roman. [Smolensk] Smolenskoe knizhnoe izd-vo, 1960. 203 p.
(MH)

12. GEOGRAPHY & GEOLOGY

ABASHIDZE, IRAKLII. [On the banks of the Ganges. Translated from the Georgian] Na beregakh Gangа. Tbilisi, Zaria Vostoka, 1959. 81 p.
(MH)

ABRAMOV, A. S. [Ethiopia, a country that has not been brought to its knees] Efiopiia - strana, ne vstavshaia na koleni. Moskva, Gos. izd-vo polit. lit-ry, 1961. 108 p. (Afrika segodnia)

AKADEMIIA NAUK. Botanicheskii institut. Otdel geobotaniki. [Geobotanic map of the U. S. S. R.; 1:4,000,000] Geobotanicheskaia karta SSSR; 1:4,000,000. (Prilozhenie k knige "Rastitel'nyi pokrov SSSR.") Sost. B. N. Gorodkovym i dr. Pod rukovodstvom i red. E. M. Lavrenko i V. B. Sochavy. [n. p.] 1954 [i. e. 1955] col. map. on 8 sheets.
(CaOTU)

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Institut istorii. [Travelers' reports on Azerbaijan] Puteshestvenniki ob Azerbaidzhane. Pod red. R. M. Shakhmalieva. Baku.
Vol. 1. IAmpol'skii, Z. I., comp. 1961. 197 p.

AKADEMIIA NAUK SSSR. Geologicheskii institut. [Problems of Quaternary geology; for the 6th Congress of the International Association for Quaternary Research in Warsaw, 1961] Voprosy geologii antropogena; k VI kongressu INQUA v Varshave v 1961 godu. Moskva, Izd-vo Akad. nauk SSSR, 1961. 223 p. [With summaries in English.]

AKADEMIIA NAUK SSSR. Institut geografii. [Relief and stratigraphy of Quaternary deposits in the northwestern part of the East European Plain, for the Sixth Congress of the International Association for Quaternary Research in Warsaw, 1961] Rel'ef i stratigrafiia chetvertichnykh otlozhenii severo-zapada Russkoi ravniny, k VI kongressu INQUA v Varshave 1961. Moskva, Izd-vo Akad. nauk SSSR, 1961. 219 p. [With summary in English]

AKADEMIIA NAUK SSSR. Komissiia po opredeleniiu absoliutnogo vozrasta geologicheskikh formatsii. [Transactions of the ninth session of the Commission for the Determination of the Absolute Age of Geologic Formations, June 14-18, 1960] Trudy deviatoi sessii. ., 14-18 iiunia 1960 g. Moskva, 1961. 331 p.

AKADEMIIA NAUK SSSR. Mezhduvedomstvennaia postoiannaia komissiia po zhelezu. [Iron-ore deposits of the Altai-Sayan mountainous region] Zhelezorudnye mestorozhdeniia Altae-Saianskoi gornoi oblasti. Moskva
Vol. 1. Book 1. [Geology] Geologiia. 1958.
Vol. 2. Book 2. [Description of the deposits] Opisanie mestorozhdenii. 1959.
(NN)

AKADEMIIA NAUK SSSR. Mezhduvedomstvennyi komitet po provedeniiu Mezhdunarodnogo geofizicheskogo goda. [Glaciological research during the International Geophysical Year] Gliatsiologicheskie issledovaniia v period MGG, sbornik statei. IX razdel programmy MGG (gliatsiologiia). Moskva, [In Russian with summaries in English.]
No. 1. 1959. 100 p.

AKADEMIIA NAUK SSSR. Sibirskoe otdelenie. Vostochno-Sibirskii geologicheskii institut. [Mineral waters of the southern part of Eastern Siberia] Mineral'nye vody iuzhnoi chasti Vostochnoi Sibiri. Moskva.
Vol. 1. [Hydrogeology of mineral waters and their significance for the national economy] Gidrogeologiia mineral'nykh vod i ikh narodnokhoziaistvennoe znachenie. Pod obshchei red. V. G. Tkachuk i N. I. Tolstikhina. 1961. 346 p.

ALI-ZADE, A. A. [Akchagyl representatives of the genus] Akchagyl'skie predstaviteli roda Dreissensia. Baku, Azerbaidzhanskoe gos. izd-vo, 1961. 63 p.

ALI-ZADE, A. A. [Akchagyl stage in Turkmenistan] Akchagyl Turkmenistana. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr.
Vol. 1. 1961. 299 p.

[ALONG THE BLUE ROADS OF MOSCOW AND ITS ENVIRONS, guidebook] Po goluboym dorogam Moskvy i Podmoskov'ia, putevoditel'. Moskva, Izd-vo "Rechnoi transport," 1961. 166 p.

ARMAND, D. L. [The physicogeographical principles of planning the forest shelterbelts systems] Fiziko-geograficheskie osnovy proektirovaniia setei polezashchitnykh lesnykh polos. Moskva, Izd-vo Akad. nauk SSSR, 1961. 366 p.

BARASHEV, P. R. [Report from five continents] Reportazh s piati kontinentov. Moskva, Izd-vo "Pravda," 1961. 78 p. (Biblioteka "Komsomol'skoi pravdy," no. 8)

BISKE, G. S., and K. O. KRATTS. [Geology field trips in the vicinity of Petrozavodsk] Geologicheskie ekskursii v okrestnosti Petrozavodska. Petrozavodsk, Gos. izd-vo Karel'skoi ASSR, 1961. 86 p.

BUGEL'SKAIA, L. V., comp. [Determination of the absolute age of rocks and minerals, a bibliography of the Soviet and foreign literature for 1945-1957] Opredelenie absoliutnogo vozrasta gornykh porod i mineralov, bibliografiia sovetskoi i zarubezhnoi literatury za 1945-1957 gody. Moskva, Izd-vo Akad. nauk SSSR, 1961. 100 p.

[CONCISE GEOGRAPHICAL ENCYCLOPEDIA] Kratkaia geograficheskaia entsiklopediia. Glav. red. A. A. Grigor'ev. Chleny red. kollegii: P. M. Alampiev i dr. Nauchn. sovet izd-va: A. P. Alekaandrov i dr. Moskva, Gos. nauchn. izd-vo "Sovetskaia entsiklopediia." (Entsiklopedii, slovari, spravochniki)
Vol. 2. Evlakh-Millibar. 1961. 592 p.

DARINSKII, A. V., ed. [Reader on the economic geography of the U. S. S. R.] Khrestomatiia po ekonomicheskoi geografii SSSR; posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 342 p.

DEVIATOVA, E. I. [Stratigraphy of Quaternary sediments and paleogeography of the Quaternary period of the Onega Basin] Stratigrafiia chetvertichnykh otlozhenii i paleogeografiia chetvertichnogo perioda v basseine reki Onegi. Moskva, Izd-vo Akad. nauk SSSR, 1961. 88 p.

GEOGRAFICHESKOE OBSHCHESTVO SSSR. Moskovskii filial. [Moscow and its environs] Moskva i Podmoskovnye. Moskva, Geografgiz, 1961. 219 p.
(DBC)

GERASIMOV, M. M. [Restoration of a face from the skull] Vosstanovlenie litsa po cherepu. Moskva, 1960. 6 p.
(CLU)

GORSHKOV, G. P. [Earth science and religion] Nauka o Zemle i religiia. Moskva, Izd-vo "Znanie," 1961. 32 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 12, Geologiia i geografiia, no. 15)
[MICROFILM]

GRIGOROVICH, S. F. [Over the mountains and valleys of Northern Ossetia, tourists,' students' of local lore and excursionists' companion] Po gorам i ravninam Severnoi Osetii, sputnik turista, kraeveda i ekskursanta. Izd. 2., dopolnennoe. Ordzhonikidze, Severo-Osetinskoe knizhnoe izd-vo, 1960. 126 p.

GULIAEVA, L. A., V. A. ZAV'IALOV, and E. IA. PODEL'KO. [Geochemistry of domanik sediments in the Volga-Ural region] Geokhimiia domanikovykh otlozhenii Volgo-Ural'skoi oblasti. Moskva, Izd-vo Akad. nauk SSSR, 1961. 102 p.

ITONISHVILI, V. D. [From the history of family relationships of the Georgian mountaineers. Iz istorii semeinykh otnoshenii Gruzin-gortsev. Tbilisi, Akad. nauk Gruzinskoi SSR] 1960. 335 p. [In Georgian.]
(MH)

KARPOV, G. V. [P. A. Kropotkin, the explorer of the Siberian land] Issledovatel' zemli Sibirskoi P. A. Kropotkin. Moskva, Gos. izd-vo geogr. lit-ry, 1961. 55 p. (Zamechatel'nye geografy i puteshestvenniki)

[KHABAROVSK, short guide] Khabarovsk, sputnik turista. [Khabarovsk, Khabarovskoe knizhnoe izd-vo, 1960] 62 p. [Parallel texts in Russian and English.]

KHARITONOV, L. N., ed. [Eduard Karlovich Pekarskii, on the 100th anniversary of his birth] Eduard Karlovich Pekarskii, k 100-letiiu so dnia rozhdeniia. IAkutsk, IAkutskoe knizhnoe izd-vo, 1958. 53 p.
(MH)

KLIUCHNIK, A. G. [Belgorod-Dnestrovskiy] Belgorod-Dnestrovskii. [Odessa] Odesskoe knizhnoe izd-vo, 1960. 145 p.
(MH)

KOBAYASHI, T. [Geology of Korea and adjacent territories in China. Translated from the English. Preface by T. M. Dembo] Geologiia Korei i sopredel'nykh territorii Kitaia. Moskva, Izd-vo inostr. lit-ry, 1959. 265 p.

KOGAN, B. I. [Studies of rare earths from the point of view of economic geology] Ekonomicheskie ocherki po redkim zemliam. Moskva, Izd-vo Akad. nauk SSSR, 1961. 439 p.

KOROTIN, E. [The life of common folk and their art; collected works and studies on the folklore by B. M. and IU. M. Sokolov] Zhizn' naroda i ego tvorchestvo, sobranie i izuchenie fol'klora B. M. i IU. M. Sokolovymi. Ural'sk, Ural'skii gos. pedagog. in-t im. A. S. Pushkina, 1960. 74 p.
(MH)

KOZLOV, M. V. [Economic geography, concise textbook for teachers] Ekonomicheskaia geografiia; kratkoe posobie dlia uchitelia. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 238 p.

KUL'CHYTS'KA, O. L. [Folk costumes of the western provinces of the Ukrainian S. S. R.] Narodnyi odiah zakhidnykh oblastei URSR. Kyiv, Vyd-vo Akad. nauk URSR, 1959. 1 v. col. plates.
(NN)

KUROPATENKO, F. K. [Soil mapping of zones covered by machine-tractor stations and administrative regions] Zemleustroitel'noe kartografirovanie zon deiatel'nosti MTS i administrativnykh raionov. Pod red. V. I. Sukhova. Gorki, M-vo sel'. khoz. SSSR, 1957. 161 p.

LENINGRAD. GOSUDARSTVENNYI GIDROLOGICHESKII INSTITUT. [Investigation of unsteady flow of water in the Tvertsa and Oredezh Rivers] Issledovaniia neustanovivshegosia dvizheniia vody na rekakh Tvertse i Oredezh. Pod red. N. E. Kondrat'eva i V. A. Uryvaeva. Leningrad, Gidrometeor. izd-vo, 1961. 287 p. 6 charts (in pocket)

LEONOV, G. P. [Basic problems of the regional stratigraphy of Paleogene sediments in the Russian Platform] Osnovnye voprosy regional'noi stratigrafii paleogenovykh otlozhenii Russkoi plity. [Moskva] Izd-vo Mosk. univ., 1961. 552 p. diagrs

LEVIN, M. G. [Ethnographic and anthropological materials as historical sources] Etnograficheskii i antropologicheskii material kak istoricheskii istochnik. Moskva, 1960. 14 p.
(CLU)

MEL'TS, M. IA., comp. [Russian folklore, bibliographic index, 1945-1959] Russkii fol'klor, bibliograficheskii ukazatel', 1945-1959. Pod red. A. M. Astakhovoi i S. P. Luppova. Leningrad, Biblioteka Akad. nauk SSSR, 1961. 401 p.

MIKHALKOV, S. V., and A. G. ALEKSIN. [We met in the Arctic] My vstretilis' v Zapoliar'e. Moskva] Molodaia gvardiia, 1960. 53 p.
(MH)

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT MINERAL'NOGO SYR'IA. [Quality required by industry in mineral raw materials, a handbook for geologists] Trebovaniia promyshlennosti k kachestvu mineral'nogo syr'ia, spravochnik dlia geologov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr.
No. 7. Lun'e, M. A. [Quartzite, sandstone and vein quartz] Kvartsit, peschanik i zhil'nyi kvarts. Nauchn. red. A. A. Veikher. 1961. 38 p.

MURAV'EV, V. B. [Stakes of forgotten paths] Vekhi zabytykh putei. Moskva, Gos. izd-vo geogr. lit-ry, 1961. 61 p. (Zamechatel'nye geografy i puteshestvenniki)

MURZAEV, E. M. [Central Asia] Srednaia Aziia. Moskva, Gos. izd-vo geogr. lit-ry, 1947. 135 p. (Nasha Rodina, populiarnye fiziko-geograficheskoe ocherki)

MUZALEV, I. Dmitrovsk. [Orel] Orlovskoe knizhnoe izd-vo, 1960. 66 p.
(MH)

NEVSKII, V. V. [Tasman's discoveries] Otkrytiia Tasmana. Moskva, Gos. izd-vo geogr. lit-ry, 1961. 36 p. (Zamechatel'nye geografy i puteshestvenniki)

OKNINA, V. A. [Methods of chemical analysis of phosphatic ores] Metody khimicheskogo analiza fosfatnykh rud. Pod red. G. A. Markovoi. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1961. 142 p.

[PALEONTOLOGICAL BASIS OF THE PALEOZOIC STRATIGRAPHY IN THE RUDNYY ALTAI] Paleontologicheskoe obosnovanie stratigrafii paleozoia Rudnogo Altaia. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr.
No. 3. Spasskii, N. IA. [Devonian Tetracoralia in the Rudnyy Altay] Devonskie chetyrekhluchevye korally Rudnogo Altaia. 1960. 142 p.

POMYTKIN, B. A. [Baikal's daughter Angara] Doch' Baikala Angara. Leningrad, Gidrometeor. izd-vo, 1961. 113 p. (Reki zemnogo shara)

[REGIONAL STRATIGRAPHY OF THE U. S. S. R.] Regional'naia stratigrafiia SSSR. Glav. red. N. S. Shatskii. Moskva,
Vol. 5. Dalmatskaia, I. I., and others. [Stratigraphy of the Middle Carboniferous sediments of the central and eastern parts of the Russian Platform based on the studies of Foraminifera] Stratigrafiia srednekamennougol'nykh otlozhenii tsentral'noi i vostochnoi chasti Russkoi platformy (na osnove izucheniia foraminifer).
Pt. 2. [Volga and Kama Valleys] Povolzh'e i Prikam'e. 1961. 355 p.
[MICROFILM]

ROMANOV, A. V. [America as we saw it; journalist's notes] Amerika, kakoi my ee videli, zapiski zhurnalista. Moskva, Gos. izd-vo polit. lit-ry, 1961. 77 p.

RUSSIA (1923- U. S. S. R.) Glavnoe upravlenie geodezii i kartografii. [Geological map of the U. S. S. R.] Geologicheskaia karta SSSR. masshtab 1:10,000,000. Pod obshchei red. i rukovodstvom N. S. Shatskogo. Moskva, 1960. col. map.
(CaOTU)

RUSSIA (1923- U. S. S. R.) Ministerstvo geologii i okhrany nedr. [Chemical, physicochemical, and spectral methods of analyzing ores of rare and trace elements] Khimicheskie, fiziko-khimicheskie i spektral'nye metody issledovaniia rud redkikh i rasseiannykh elementov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1961. 138 p.
[MICROFILM]

SEMENOVA, M. I. [Dzhambul Province, nature, population and economy] Dzhambul'skaia oblast'; priroda, naselenie i khoziaistvo. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1961. 216 p
[MICROFILM]

[SEVASTOPOL, guidebook-manual] Sovastopol', putevoditel'-spravochnik. Simferopol', Krymizdat, 1961. 128 p.

SHEVCHENKO, E. V. [Structural and petrographic features of some Permian plutonic rocks of central Kazakhstan] Strukturnye i petrograficheskie osobennosti nekotorykh permskikh plutonov tsentral'nogo Kazakhstana. [L'vov] Izd-vo L'vovskogo gos. univ , 1951 262 p.
(NN)

SHNEIDEROV, V. A. [Under the sky of ancient deserts] Pod nebom drevnikh pustyn'. Moskva, Gos. izd-vo detskoi lit-ry M-va prosv. RSFSR, 1961. 221 p

SHURTAKOV, S.I. [Our near, our Far East; sketches] Nash blizkii, nash Dal'nii Vostok, ocherki. Moskva, Izd-vo "Pravda," 1961. 46 p. (Biblioteka "Ogonek," no. 32)

SOKOLOV, V. A., and R. V. BUTIN. [Geological field trip to Yuzhnyy Oleniy Island and Volkostrov] Geologicheskaia ekskursiia na IUzhnyi Oleniĭ ostrov i Volkostrov. Petrozavodsk, Gos izd-vo Karel'skoi ASSR, 1961. 57 p.

SOVESHCHANIE PO FIZICHESKOI GEOGRAFII URALA. 1958. [Problems in physical geography of the Urals] Voprosy fizicheskoi geografii Urala, trudy. Moskva, Mosk. ob-vo ispytatelei prirody, 1960. 124 p. [With summaries in English.]

SULTANOV, K. M., and T. S. SHAKHSUVAROV. [Geological field trips in Azerbaijan] Geologicheskie ekskursii po Azerbaidzhanu. Baku, Azerbaidzhanskoe gos. izd-vo neft. i nauchno-tekhn. lit-ry, 1960. 105 p.

TRONOV, M. V. [The problem of glacier development] Problema razvitiia lednikov. Tomsk, Izd-vo Tomskogo univ., 1960. 113 p.

TSYTOVICH, N. A., S. P. KACHURIN, and L. A. MEISTER. [Frozen rocks; their role in nature and human life] Merzlye gornye porody, ikh rol' v prirode i zhizni cheloveka. Moskva, Izd-vo "Znanie," 1961. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 12, Geologiia i geografiia, no. 14)
[MICROFILM]

TUGARINOV, A. I. [For the geologist on methods for the determination of the absolute age of rocks] Geologu - o metodakh opredeleniia absoliutnogo vozrasta gornykh porod. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1961. 79 p

URAL'SKOE PETROGRAFICHESKOE SOVESCHANIE. 1st. [Guidebook for the field trip to the Vishnevyye Mountains, Karabash and the Il'men Mountains] Putevoditel' ekskursii Vishnevye gory - Karabash - Il'menskie gory. Sverdlovsk, 1961. 62 p.

URAL'SKOE PETROGRAFICHESKOE SOVESHCHANIE. 1st. [Guidebook for the Sverdlovsk excursion] Putevoditel' Sverdlovskoi ekskursii. Sverdlovsk, 1961. 135 p.

VSESOIUZNOE PALEONTOLOGICHESKOE OBSHCHESTVO [Fortieth anniversary of Soviet paleontology, 1917-1957. Transactions of the 4th session of the All-Union Paleontological Society] Sorok let sovetskoi paleontologii 1917-1957, trudy IV sessii Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geologii i okhrane nedr, 1961. 209 p

VSESOIUZNOE SOVESHCHANIE PO GEOTERMICHESKIM ISSLEDOVANIIAM. [Problems in geothermy and the practical utilization of the earth's heat, transactions] Problemy geotermii i prakticheskogo ispol'zovaniia tepla Zemli, trudy. Moskva, Izd-vo Akad. nauk SSSR
Vol 2. 1961. 304 p.

VSESOIUZNOE SOVESHCHANIE PO IZUCHENIIU CHETVERTICHNOGO PERIODA, Moscow, 1957. [Materials of the All-Union Conference on the Study of the Quaternary period] Materialy Moskva, Izd-vo Akad. nauk SSSR.
Vol. 1 [General problems in the study of the Quaternary period History of Quaternary flora, fauna, and fossil man] Obshchie voprosy izucheniia chetvertichnogo perioda. Istoriia chetvertichnoi flory, fauny i iskopaemogo cheloveka 1961. 495 p.
Vol 2. [Quaternary sediments of the European part of the U. S. S. R.] Chetvertichnye otlozheniia Evropeiskoi chasti SSSR. 1961. 502 p.
[MICROFILM]

[YAROSLAVL; a guidebook] IAroslavl'; putevoditel. [Izd. 2., pererab. i dop. IAroslavl'] IAroslavskoe knizhnoe izd-vo, 1960. 267 p
(IU)

ZAKAVKAZSKAIA KONFERENTSIIA MOLODYKH NAUCHNYKH RABOTNIKOV GEOLOGICHESKIKH INSTITUTOV AN AZERBAIDZHANSKOI SSR, ARMIANSKOI SSR I GRUZINSKOI SSR. 3d. [Summaries of reports and guide to the geological field trips of the Transcaucasian Conference of Young Scientists of Azerbaijan, Armenian, and Georgian Geological Institutes] Tezisy dokladov i putevoditeli geologicheskikh ekskursii. Tbilisi, Akad. nauk Gruzinskoi SSR, 1960. 55 p.
[MICROFILM]

ZAVADSKII, B. I. [Five years overseas, notes on Canada] Piat' let za okeanom; kanadskie zapiski. Moskva, Sovetskii pisatel', 1961. 349 p.
(MH)

13. SCIENCE

ADO, A. D. [Pathophysiology of phagocytes, brief outline of the history and present state of the theory of phagocytosis] Patofiziologiia fagotsitov, kratkii ocherk istorii i sovremennogo sostoianiia ucheniia o fagotsitoze. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 295 p.

ADRIANOV, O. S. [Brain as the organ of thinking] Mozg - organ myshleniia. Moskva, Izd-vo "Znanie," Vses. ob-va po rasprostraneniiu polit. i nauchn. znanii, 1961. 38 p. (Narodnyi universitet kul'tury. Estestvennonauchnyi fakul'tet, no. 5)

AKADEMIIA MEDITSINSKIKH NAUK SSSR, Moscow. Institut eksperimental'noi patologii i terapii. [Physiology and pathology of the higher nervous activity of apes, collection of works] Fiziologiia i patologiia vysshei nervnoi deiatel'nosti obez'ian; sbornik rabot. Sukhumi, 1960. 199 p.
(DNLM)

AKADEMIIA NAUK SSSR. Arkhiv. [Letters from V. G. Khlopin to V. I. Vernadskii; 1916-1943] Pis'ma V. G. Khlopina k V. I. Vernadskomu, 1916-1943. Sost. L. L. Zaitseva i B. V. Levshin. Pod obshchei red. V. I. Baranova i N. G Khlopina, 1961. 88 p.

AKADEMIIA NAUK SSSR. Botanicheskii institut. [Botanical garden] Botanicheskii sad. Tekst IU. A. Luksa i V. S. Solodovnikovoi. Pod red S. IA. Sokolova. Moskva, Izd-vo Akademii nauk SSSR, 1959. 1 v. (unpaged, chiefly illus.)
(IU)

AMBARTSUMIAN, V. A. [Science in Armenia during the past 40 years] Nauka v Armenii za 40 let. Erevan, Izd-vo AN Armianskoi SSR, 1960. 73 p.

ANDRUSOV, N. I. [Selected works] Izbrannye trudy. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 1. 1961. 710 p.

ASTAKHOV, O., and O. RUS'KO. [General chemistry] Zahal'na khimiia Zatverdzheno lak pidruchnyk dlia pryrodnychykh fakul'tetiv pedagogichnykh instytutiv. Kyiv, Radians'ka shkola, 1958. 531 p.
(MiD)

[ATLAS OF DRAWINGS OF MARS] Atlas risunkov Marsa. Moskva, Izd-vo Akad. nauk SSSR, 1961. 117 p.

AVAKIAN, A. A. [Biology of the development of agricultural plants] Biologiia razvitiia sel'skokhoziaistvennykh rastenii. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 462 p.
(DA)

BANACH, STEFAN. [Differential and integral calculus. Translated from the Polish] Differentsial'noe i integral'noe ischislenie. Red. S. I. Zukhovitskogo. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1958. 404 p.
(TxHR)

BAT', M. I., G. IU. DZHANELIDZE, and A. S. KEL'ZON. [Theoretical mechanics in exercises and problems] Teoreticheskaia mekhanika v primerakh i zadachakh. Moskva, Gos. izd-vo fiziko-matem. lit-ry.
Vol. 1 [Statics and kinematics] Statika i kinematika. Pod red. G. IU. Dzhanelidze. 1961. 472 p.

BEZVERKHOVA, E. V. [Operation of the Stalingrad Planetarium] Ob opyte raboty Stalingradskogo planetariia. Moskva, Ob-ve po rasprostraneniiu polit. i nauchn. znanii RSFSR, 1960. 30 p.

BUCHYNS'KYI, I. O. [Climate of the Ukraine] Klimat Ukrainy. Kyiv, 1961. 40 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 6, no. 9)

CHERNIAEV, M. P. [Collection of problems in synthetic geometry] Sbornik zadach po sinteticheskoi geometrii; uchebnoe posobie dlia fiziko-matematicheskikh fakul'tetov universitetov i pedinstitutov. [Rostov-na-Donu] Izd-vo Rostovskogo univ., 1961. 117 p.

DANILEVSKII, A. S. [Photoperiodism and seasonal development of insects] Fotoperiodizm i sezonnoe razvitie nasekomykh. [Leningrad] Izd-vo Leningr. univ., 1961. 242 p.

DEBETS, G. F. [Some trends in the structural changes of modern man] O nekotorykh napravleniiakh izmenenii v stroenii cheloveka sovremennogo vida. Moskva, 1960. 25 p.
(CLU)

DEMIDOVICH, B. P., ed. [Problems and exercises in mathematical analysis for schools of higher education] Zadachi i uprazhneniia po matematicheskomu analizu dlia vtuzov. Izd 2., ispr. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 472 p.

DMITRIEV, IURII, and NIKOLAI OSIPOV. [The good woodpecker; stories about nature] Dobryi diatel, rasskazy o prirode. Moskva, 1960. 214 p.

DYLIS, N. V. [Larch of Eastern Siberia and the Far East; variability and natural multiformity] Listvenitsa Vostochnoi Sibiri i Dal'nego Vostoka; izmenchivost' i prirodnoe raznoobrazie. Moskva, Izd-vo Akad. nauk SSSR, 1961. 208 p.

EGOROV, O. V. [Ecology and hunting of the Yakut squirrel] Ekologiia i promysel iakutskoi belki, Moskva, Izd-vo Akad. nauk SSSR, 1961. 266 p.

ERSHOV, A. P., G. I. KOZHUKHIN, and IU. M. VOLOSHIN. [Input language for an automatic programming system; preliminary information] Vkhodnoi iazyk sistemy avtomaticheskogo programmirovaniia; predvaritel'noe soobshchenie. Moskva, Vychislitel'nyi tsentr AN SSSR, 1961. 173 p.

FASULA'TI, K. K. [Field study of terrestrial invertebrates] Polevoe izuchenie nazemnykh bezpozvonochnykh. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 303 p.

FEL'DMAN, KH. I. [Invagination of the intestines in childhood] Invaginatsiia kishok v detskom vozraste. Moskva, Medgiz, 1960. 160 p. (Biblioteka prakticheskogo vracha)
(DNLM)

FURMAN, A. E. [Origin and formation of the dialectic conception of development in biology] Vozniknovenie i formirovanie dialekticheskoi kontseptsii razvitiia v biologii. [Moskva] Izd-vo Mosk. univ., 1961. 283 p.

GARDING, L. [Cauchy's problem for hyperbolic equations. Translated from the English] Zadacha Koshi dlia giperbolicheskikh uravnenii. Pod red A. A. Dezina. Moskva, Izd-vo inostr. lit-ry, 1961 120 p. (Biblioteka sbornika "Matematika")

GINZBURG, V. L. [Cosmic rays near the earth and in the universe] Kosmicheskie luchi u Zemli i vo vselennoi. Moskva, Izd-vo "Znanie," 1961 46 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 9, Fizika i khimiia, no 11)

GOLITSINSKII, D. A. [Ivan Vladimirovich Michurin, his life and activities] Ivan Vladimirovich Michurin, ego zhizn' i deiatel'nost'. Gorki, Izd. Belorusskoi sel'. khoz. akademii, 1955. 34 p.
(DA)

GOLUBKOV, IU. A., L. N. KOROLEV, and A. V. LEBEDEV. [Concerning the choice of a programming system for a computing and logic machine with a floating point] O vybore sistemy komand dlia trekhadresnoi vychislitel'noi i logicheskoi mashiny s plavaiushchei zapiatoi. Moskva, In-t tochnoi mekhaniki i vychislitel'noi tekhniki Akad nauk SSSR, 1961. 40 p. (Elektronnye vychislitel'nye mashiny)

GORODETSKII, A. A., B. P. KIRICHINSKII, and N. F. LIPKAN. [Studies in radiobiology] Ocherki po radiobiologii. Kiev, Izd-vo Akad. nauk USSR., 1961. 219 p.

GRODZENSKII, D. E. [Radiobiology, biological effect of ionizing radiations] Radiobiologiia, biologicheskoe deistvie ioniziruiushchikh izluchenii. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhniki. 1961. 132 p. (Nauchno-populiarnaia biblioteka Gosatomizdata)

GURNOV, V. K. [Integral calculus; textbook for correspondence courses] Integral'noe ischislenie, uchebnoe posobie dlia studentov-zaochnikov. [Kiev] Izd-vo Kievskogo univ. 1961. 326 p.

IBRAGIMOV, G. R. [Characteristics of the fungi Gloeosporium and Colletotrichum of the order Melanconiales] Kriticheskaia kharakteristika nekotorykh rodov meliankonievykh gribov, Gloeosporium i Colletotrichum. Baku, 1954. 213 p.
(DA)

IIULYI, M. F. [Chemical activity of the biological oxidation and synthesis of fats and the problem of higher milk-fat content] Khimizm biologichnoho okyslennia i syntezu zhyriv ta problema pidvyshchennia zhyrnomolochnosti. Kyiv, Vyd-vo Akad. nauk URSR, 1959. 118 p.

IUR'EV, IU. K. [Practical work in inorganic chemistry] Prakticheskie raboty po organicheskoi khimii. [Moskva] Izd-vo Mosk. univ.
Pt. 3. 1961. 251 p.

IVANOV, I. I., and V. A. IUR'EV. [Biochemistry and pathobiochemistry of muscles] Biokhimiia i patobiokhimiia myshts. [Leningrad] Gos. izd-vo med. lit-ry Medgiz, 1961. 274 p.

JUNGK, ROBERT. [Brighter than a thousand suns; a personal history of the atomic scientists. Abridged translation from the English] Iarche tysiach solnts; povestvovanie ob uchenykh-atomnikakh. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhniki, 1961. 279 p.
(CU)

KAGANOV, V. M. [Struggle of materialism and idealism in modern biology] Bor'ba materializma i idealizma v sovremennoi biologii. Moskva, Znanie, 1960. 45 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Biologiia i meditsina, no. 17)
(DNLM)

KAMSHILOV, M. M. [Evolutionary significance of interrelationships among organisms] Znachenie vzaimnykh otnoshenii mezhdu organizmami v evoliutsii. Moskva, Izd-vo Akad. nauk SSSR, 1961. 132 p.

KHINCHIN, A. IA. [Continued fractions] TSepnye drobi. Izd. 3. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 111 p.

KHOKHRIAKOV, M. K. [Injurious and beneficial fungi] Vrednye i poleznye griby. Leningrad, Gos. izd-vo sel'khoz. lit-ry, zhurnalov i plakatov. 1961. 102 p.

KHOMCHENKO, G. P. [Laboratory manual in general chemistry and qualitative analysis with the useof the semimicromethod] Praktikum po obshchei khimii i kachestvennomu analizu s primeneniem polumikrometoda. Izd. 2., perer. i dop. [Moskva] Izd-vo Mosk. univ., 1961. 391 p.

KLOSOVSKII, B. N., and E. N. KOSMARSKAIA. [Active and inhibited state of the brain] Deiatel'noe i tormoznoe sostoianie mozga. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 410 p.

KOCHETKOV, N. K., I. V. TORGOV, and M. M. BOTVINIK. [Chemistry of natural compounds; carbohydrates, nucleotides, steroids, proteins] Khimiia prirodnykh soedinenii, uglevody, nukleotidy, steroidy, belki. Moskva, Izd-vo Akad nauk SSSR, 1961. 558 p.

KOLTHOFF, I. M., and others. [Volumetric analysis] Ob"emnyi analiz. Pod red. i s dopolneniiami IU. IU. Lur'e. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry.
Vol 3. [Practical part oxidation-reduction methods] Prakticheskaia chast' Metody okisleniia - vosstanovleniia. [Publ. in English under the title" "Titration methods: oxidation-reduction reaction] 1961 840 p.

KOROTKORUCHKO, V. P. [Modern concepts of metabolism in the organism] Suchasni uiavlennia pro obmin rechovyn v organizmi. Kyiv, 1961. 47 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrainskoi RSR. Ser. 6, no 6)

KOTLIAREVSKII, L. I. [Mechanisms of the action of manganese on the central nervous system of animals] Mekhanizmy deistvila margantsa na tsentral'nuiu nervnuiu sistemu zhivotnykh. Moskva, Izd-vo Akad. nauk SSSR, 1961, 198 p.

KULIKOV, K. A. [Course in spherical astronomy] Kurs sfericheskoi astronomii. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 174 p.

KURASHVILI, B. E. [Trematodes (Trematoda) of animals and man in Georgia] Trematody (Trematoda) zhivotnykh i chetoveka v Gruzii. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1961. 183 p. [In Georgian.]

KUROCHKIN, V. M. [Compiling and interpreting sections of a system for using standard programs in the BESM-2 computer of the Computer Center of the Academy of Sciences of the U. S. S. R.] Kompiliruiushchaia i interpretiruiushchaia sistemy ispol'zovaniia standartnykh programm dlia mashin BESM-2 VTs AN SSSR. Moskva, Vychislitel'nyi tsentr AN SSSR, 1961. 54 p.

KURTSIN, I. T. [Ionizing radiation and digestion] Ioniziruiushchaia radiatsiia i pishchevarenie. [Leningrad] Gos. izd-vo med. lit-ry Medgiz, 1961. 297 p.
[MICROFILM]

[LABORATORY MANUAL ON GENERAL BIOPHYSICS; in eight parts] Praktikum po obshchei biofizike, v vos'mi vypuskakh. Pod obshchei red. B. N. Tarusova. Moskva, Gos. izd-vo "Vysshaia shkola."
Nos. 3-4. Burlakova, E. V., and others. [Investigation of bioelectric phenomena in tissues and cells] Issledovaniia bioelektricheskikh iavlenii v tkaniakh i kletkakh. 1961. 259 p.

LEKARSTVENNO-TEKHNICHESKOE SYR'E. [Commercial medicinal raw materials] Izdanie ofitsial'noe. Moskva [Standartgiz.] 1959. 431 p. (SSSR. Gosudarstvennye standarty)

LEVIN, B. IU. [Meteorites] Meteority. Izd. 2., perer. Moskva, Izd-vo "Znanie," 1961. 43 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 9, Fizika i khimiia, no. 12)

LIUSTERNIK, L. A., and A. R. IAMPOL'SKII, eds. [Mathematical analysis; functions, limits, series, continued fractions] Matematicheskii analiz, funktsii, predely, riady, tsepnye drobi. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 439 p. (Spravochnaia matematicheskaia biblioteka)

LYSOGOROV, N. V., and V. S. TONGUR. [Polymers, cells, life] Polimery - kletka — zhizn'. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 189 p.

MAGARIK, V. A. [Standard programs for the BESM-2 digital computer of the Computer Center of the Academy of Sciences of the U. S. S. R.] Standartnye programmy BESM-2 Vychislitel'nogo tsentra AN SSSR. Moskva, Vychislitel'nyi tsentr AN SSSR.
No. 2. 1960. 33 p.

MAGARIK, V. A., and N. M. NAGORNYI. [Programming system of the universal BESM-2 digital computer of the Computer Center of the Academy of Sciences of the U. S. S. R.] Sistema komand universal'noi tsifrovoi avtomaticheskoi mashiny BESM-2 Vychislitel'nogo tsentra AN SSSR. Izd. 2., perer. Moskva, Vychislitel'nyi tsentr AN SSSR, 1961. 88 p.

MALYNOVS'KYI, K. A. [Matgrass pastures in the subalpine belt of the Ukrainian Carpathians] Bilovusovi pasovyshcha subal'piis'koho poiasa Ukrains'kykh Karpat. Kyiv, Vyd-vo Akad. nauk URSR, 1959. 203 p.

MIRKIN, L. I. [Manual on X-ray diffraction analysis of polycrystals] Spravochnik po rentgenostrukturnomu analizu polikristallov. Pod red. IA. S. Umanskogo. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 863 p.

MOLCHANOV, A. A. [Forest and climate] Les i klimat. Moskva, Izd-vo Akad. nauk SSSR, 1961. 277 p.

MOLODENSKII, M. S., and M. V. KRAMER. [Terrestrial tides and the nutation of the earth's axis] Zemnye prilivy i nutatsiia Zemli. Moskva, Izd-vo Akad. nauk SSSR, 1961. 39 p.

MOSHKOV, B. S. [Photoperiodism of plants] Fotopercodizm rastenii. Leningrad, Gos. izd-vo sel'khoz. lit-ry zhurnalov i plakatov, 1961. 317 p

[MULTIPLICATION TABLES FOR TWO-DIGIT NUMBERS] Tablitsy umnozhenita dvuznachnykh chisel na dvuznachnye chisla. Moskva, Gosstatizdat, 1961. 59 p.

NIKOLAEV, L. A. [Catalysis and catalysts, a manual for teachers] Kataliz i katalizatory, posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 76 p.

NIKONCHIK, O. K. [Arterial blood supply of the uterus and the adnexa uteri] Arterial'noe krovosnabzhenie matki i pridatkov zhenshchiny. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 58 p.

OBRAZTSOVA, G. A. [Formation of the vestibular function in ontogenesis] Formirovanie vestibuliarnoi funktsii v ontogeneze. Moskva, Izd-vo Akad. nauk SSSR, 1961. 129 p.

OBYDENNOV, V. A. [Structure and functions of the animal organism] Stroenie i funktsii organizma zhivotnykh. Moskva, Izd-vo "Znanie," Vses. ob-va po rasprostraneniiu polit. i nauchn. znanii, 1961. 39 p. (Narodnyi universitet kul'tury. Sel'skokhoziaistvennyi fakul'tet, no. 5)

PANCHENKOV, G. M., and V. P. LEBEDEV. [Chemical kinetics and catalysis] Khimicheskaia kinetika i kataliz. [Moskva] Izd-vo Mosk. univ., 1961. 550 p.

PAVLOVSKII, E. N. [General problems of parasitology and zoology] Obshchie problemy parazitologii i zoologii. Moskva, Izd-vo Akad. nauk SSSR, 1961. 424 p.

PEREL'MAN, IA. I. [Entertaining astronomy] Zanimatel'naia astronomiia. Izd. 10. Pod red. P. G. Kulikovskogo. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 211 p.

POTAPOV, N. G., ed. [Brief laboratory manual on plant physiology] Malyi praktikum po fiziologii rastenii. Izd. 4., perer. [Moskva] Izd-vo Mosk. univ., 1961. 68 p.

POTAPOV, S. P., and K. I. SAKODYNSKII. [Stable isotopes around us] Stabil'nye izotopy vokrug nas. [Moskva] Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhn., 1961. 67 p.

[PRACTICAL WORK IN PHYSICS] Fizicheskii praktikum. Sost. kollektivom kafedr eksperimental'noi i obshchei fiziki Tomskogo gosudarstvennogo universiteta im. V. V. Kuibysheva, pod red. M. A. Bol'shaninoi. Tomsk, Izd-vo Tomskogo univ.
Pts. 2-3. [Electricity and magnetism Optics] Elektrichestvo i magnetizm. Optika. 1960. 189 p.

RAUSHENBAKH, B. V. [Vibration combustion] Vibratsionnoe gorenie. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 500 p.

RUSSIA (1917- R. S. F. S. R.) Ministerstvo prosveshchenila. [Programs of eight-year schools: Physics] Programmy vos'miletnei shkoly. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR. Fizika. 1961. 33 p.

RUSSIA (1923- U. S. S. R.) Glavnaia geofizicheskaia observatoriia im. A. I. Voeikova. [Radiation recording manual for hydrometeorological stations] Rukovodstvo gidrometeorologicheskim stantsiiam po registratsii radiatsii. Leningrad, Gidrometeor. izd-vo, 1961. 118 p.

RUSSIA (1923- U. S. S. R.) Koordinatsionnaia komissiia po chislennym metodam prognoza. [Materials of the Conference of the Coordinating Commission on Numerical Forecast Methods] Materialy soveshchaniia. Pod red. M. L. Iudina. Leningrad, Gidrometeor. izd-vo, 1961. 133 p.

SAAKIAN, G. S. [Energy spectra and nuclear interactions of cosmic ray particles] Energeticheskie spektry i iadernye vzaimodeistvila chastits kosmicheskogo izlucheniia. Erevan, Izd-vo Erevanskogo univ., 113 p.

SEDOV, L. I. [Fundamental principles of the mechanics of a continuum] Ob osnovnykh printsipakh mekhaniki sploshnoi sredy; publichnaia lektsiia, prochitannaia v Aktovom zale MGU 4 ianvaria 1961 g. [Moskva] Izd-vo Mosk. univ., 1961. 25 p.

SHAPOSHNIKOV, N.A., and N. K VAL'TSOV. [Collected exercises in Algebra] Sbornik algebraicheskikh zadach. Erevan, Armgiz. In Armenian]
Pt 1 1949 185 p

SHAPOSHNIKOV, V.N [Physiology and biochemistry of micro-organisms] Fiziologiia i biokhimiia mikro-organizmov. Moskva, Akad. nauk,In-t mikrobiologii, 1959. 287 p.
(ViBlbV)

SHEMIAKIN, M.M., and others [Chemistry of antibiotics] Khimiia antibiotikov Izd. 3., pererab. i dop. Moskva, Izd-vo Akad. nauk SSSR.
Vol 1 1961 pp. 1-774
Vol. 2. 1961. pp 780-1550.

SHUBNIKOVA, E A. [The secretory cell, lecture 1] Sekretornaia kletka, lektsiia 1. [Moskva] Izd-vo Mosk. univ., 1961 52 p.

SLONIM, A.D. [Fundamentals of the general ecological physiology of mammals] Osnovy obshchei ekologicheskoi fiziologii mlekopitaiushchikh. Moskva, Izd-vo Akad. nauk SSSR, 1961 430 p.

STUDITSKII, A.N., and Z.P. IGNAT'EVA. [Regeneration of muscles in higher mammals] Vosstanovlenie myshts u vysshikh mlekopitaiushchikh. Moskva, Izd-vo Akad. nauk SSSR, 1961 190 p.

SVESHNIKOV, A.A [Applied methods of the theory of random functions] Prikladnye metody teorii sluchainykh funktsii, Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 251 p.

[SYNTHESIS OF ORGANOSILICON MONOMERS] Sintez kremniiorganicheskikh monomerov [By] A.D. Petrov i dr. Moskva, Izd-vo Akad. nauk SSSR, 1961. 550 p.

TARSKI, ALFRED. [Introduction to logic and to the methodology of deductive sciences. Translated from the English] Vvedenie v logiku i metodologiiu deduktivnykh nauk. Red i predisl. k russkomu perevodu S A.IAnovskoi. Prim. G.M. Adel'sona-Vel'skogo. Moskva, Gos. izd-vo inostr. lit-ry, 1948. 325 p.
(CU)

TSEDERBERG, N.V., V.N. POPOV, and N.A. MOROZOVA. [Thermal and physical properties of helium] Teplofizicheskie svoistva gelila. Moskva, Gos. energ. izd-vo, 1961. 118 p.

VASIL'EV, L.L., and I.A. VETIUKOV, eds. [Comprehensive laboratory manual of human and animal physiology] Bol'shoi praktikum po fiziologii cheloveka i zhivotnykh. Izd. 2, ispr. i dop. Moskva, Gos izd-vo "Vysshaia shkola," 1961. 674 p.

VSESOIUZNAIA KONFERENTSIIA PO SVETOVOMU KLIMATU, 2d. [Transactions of the Second All-Union Conference on Radiation Climate] Trudy. Pod red. N.M. Guseva, Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 94 p.

ZAITSEVA, L.L., and N.A. FIGUROVSKII. [Investigation of radioactive phenomena in prerevolutionary Russia] Issledovaniia iavlenii radioaktivnosti v dorevoliutsionnoi Rossii. Moskva, Izd-vo Akad. nauk SSSR, 1961. 221 p.

14. MEDICINE

AGEENKO, A.I. [Heterotransplantation of malignant tumors] Geterotransplantatsiia zlokachestvennykh opukholei. Moskva, Medgiz, 1961. 212 p.
(DNLM)

AKADEMIIA MEDITSINSKIKH NAUK SSSR, Moscow. [Problems of influenza and acute respiratory diseases. Reports of institute proceedings] Problemy grippa i ostrykh respiratornykh zabolevanii. Tezisy dokladov nauchnoi sessii institutov. Moskva, Medgiz, 1959. 227 p.
(DNLM)

AKADEMIIA MEDITSINSKIKH NAUK SSSR, Moscow. [Transactions of an out-of-town session of the Academy of Medical Sciences of the U.S.S.R. in Baku] Trudy vyezdnoi sessii Akademii meditsinskikh nauk SSSR v Baku. Moskva, Gos. izd-vo med. lit-ry, Medgiz, 1961. 335 p.

AKADEMIIA MEDITSINSKIKH NAUK SSSR, Moscow. Institut grudnoi khirurgii. [Technic of mitral commissurotomy, transactions of a symposium] Tekhnika mitral'noi komissurotomii; trudy simpoziuma. Moskva, 1960. 95 p.
(DNLM)

AKADEMIIA MEDITSINSKIKH NAUK SSSR, Moscow. Institut terapii. [Atherosclerosis and myocardial infarct, transactions of the Ninth session of the Institute of Therapy jointly with the Department of Pathology Anatomy of the Institute of Experimental Medicine, February 3-5, 1958] Ateroskleroz i infarkt miokarda: Trudy IX nauchnoi sessii Instituta terapii sovmestno s Otdelom patologicheskoi anatomii Instituta eksperimental'noi meditsiny, 3-5 fevralia 1958 g. Pod red. N.N. Anichkova i A.L. Miasnikova. Moskva, Medgiz, 1959. 313 p.
(DNLM)

AKADEMIIA NAUK URSR, Kiev. Institut mikrobiologii. [Imanin, an antibiotic from St. John's-wort] Imanin - antibiotik iz zverobolia Kiev, Izd-vo Akad. nauk USSR, 1961. 94 p.
(DNLM)

ALEKSANDROV, O.A. [Methodological manual for seminar studies on the history of Russian medicine] Metodicheskoe posobie k seminarskim zaniatiiam po istorii otechestvennoi meditsiny. Izd. 2, Pod red. P.D. Petrova. Moskva, 1958. 33 p.
(DNLM)

ALIMOV, KH.A. [Clinical aspects of conditions resembling psychopathic states following infectious meningoencephalitis and their evaluation by forensic psychiatry] Klinika psikhopatopodobnykh sostoianii posle infektsionnykh menigo-entsefalitov i ikh sudebno-psikhiatricheskaia otsenka. Tashkent, Medgiz UzSSR, 1959. 115 p
(DNLM)

AMINEV, A.M [Anal fissures. Coccygeal pain. Proctalgia. Pruritus ani] Treshchiny zadnego prokhoda. Kopchikovaia bol' Proktalgiia. Zud zadnego prokhoda Kuibyshev, 1959. 111 p.
(DNLM)

ANDREEV, A.L., ed. [Chemical and morphological bases of biogenic treatment for nervous and mental diseases] Khimiko-morfologicheskie osnovy biogennoi terapii nervno-psikhicheskikh zabolevanii. Moskva, Mosk. nauchn. ob-vo nevropatologov i psikhiatrov.
Vol. 1, 1961. 183 p.
(DNLM)

ANDREEVA, O.S. [Industrial hygiene in working with uranium and its compounds] Gigiena truda pri rabote s uranom i ego soedineniiami Moskva, Medgiz, 1960. 93 p. (Biblioteka prakticheskogo vracha)
(DNLM)

ARAVIISKII, A.N., and P.N. KASHKIN. [Coccidioidomycosis] Koktsidioidnyi mikoz. [Leningrad] Medgiz, 1960 123 p. [With summary in English]
(DNLM)

ARKHANGEL'SKII, V.N. [Morphological bases of ophthalmoscopic diagnosis] Morfologicheskie osnovy oftal'moskopicheskoi diagnostiki. Moskva, Medgiz, 1960. 174 p.
(DNLM)

BATKIS, G.A., and L.G. LEKAREV. [Theory and organization of the Soviet public health system] Teoriia i organizatsiia sovetskogo zdravookhraneniia. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 349 p.

BRUSILOVSKII, I.A. [Mud treatment at the Saki Health Resort] Grinzetechenie na Sakskom kurorte. Simferopol', Krymizdat, 1960. 63 p.
(DNLM)

DAM'E, N.G. [Principles of traumatology in childhood] Osnovy travmatologii detskogo vozrasta. Izd. 2., ispr. i dop. Moskva, Medgiz, 1960. 291 p
(DNLM)

DOBROVOL'SKII, V.K. [Physical education and health] Fizkul'tura i zdorov'e. Moskva, Izd-vo "Znanie," 1961. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Biologiia i meditsina, no. 14)

DZGOEV, U.S. [Health resort at Karmadon] Kurort Karmadon. Ordzhonikidze, [Severo-Osetinskoe knizhnoe izd-vo] 1961. 175 p.

DZHAVAD-ZADE, M.D. [Ureteral calculi] Kamni mochetochnikov. Moskva, Medgiz, 1961. 168 p.
(DNLM)

EFENDI-ZADE, M.M. [Gasan-Bek Zardabi (Melikov), the founder and popularizer of hygienic knowledge in Azerbaijan] Gasan-bek Zardabi (Melikov) - osnovopolozhnik i populiarizator gigienicheskikh znanii v Azerbaidzhane. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 83 p.

ERMAN, I.M. [Industrial hygiene for workers in shops with high temperatures] Gigiena truda rabochikh goriachikh tsekhov. Moskva, Medgiz, 1961. 31 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

GALANT, I.B. [Drunkenness and mental illness] P'ianstvo i psikhicheskie bolezni. Moskva, Medgiz, 1960. 31 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

GERASIMOVA, N.A. [Method for measuring the movements of the spine and extremities, methodological material] Metodika izmereniia dvizhenii pozvonochnika i konechnostei, metodicheskie materialy. [Kazan'] Izd-vo Kazanskogo univ., 1960. 38 p.
(DNLM)

GUKASIAN, A.G. [Internal diseases] Vnutrennie bolezni. Izd. 3., stereotipnoe. Moskva, Gos izd-vo med. lit-ry Medgiz, 1959. 103 p.
(DNLM)

IANKELEVICH, E.I. [From three to seven, calisthenics for preschool children] Ot trekh do semi, gimnastika dlia detei doshkol'nogo vozrasta. Moskva, Fizkul'tura i sport, 1960. 71 p. Illus
(DNLM)

IL'INSKII, B.V. [Atherosclerosis, problems in etiology and pathogenesis and their application to the clinical aspects] Ateroskleroz, voprosy etiologii i patogeneza i prilozhenie ikh k klinike. Leningrad, Medgiz, 1960. 332 p.
(MnU)

IVANOV, A.E. [Pathoanatomical changes in the lungs in radiation sickness] Patologoanatomicheskie izmeneniia legkikh pri luchevoi bolezni. Pod red. N.A. Kraevskogo. Moskva, Gos. izd-vo med lit-ry Medgiz, 1961. 153 p.
(DNLM)

KHARKOV, UKRAINSKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT TUBERKULEZA. [Reports of a seminar of phthisiologists at the tuberculosis institutions of the Ukrainian S.S.R.; thesis] Seminar fitiatrov protivotuberkuleznykh uchrezhdenii USSR; tezisy. Khar'kov, 1960. 64 p.
(DNLM)

KHOROSHIEV, A.F. [First aid before the doctor comes] Pervaia dovrachebnaia pomoshch'. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 74 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

LAPPO-DROZDOVA, A.I. [Dynamics of the physical development of adolescents] Dinamika fizicheskogo razvitiia podrostkov; po materialam obsledovaniia uchashchikhsia ZhU Moskovskogo uzla. Moskva, Medgiz, 1960. 117 p.
(DNLM)

[LARGE MEDICAL ENCYCLOPEDIA] Bol'shaia meditsinskaia entsiklopediia. Glav. red. A.N. Bakulev. Moskva, Gos. nauchn. izd-vo "Sovetskaia entsiklopediia."
Vol. 21, Novoizdannyi - organoterapiia. Izd. 2. 1961. 1168 columns.
——— [List of articles and terms for the letters "N" and "O"] Perechen' statei i terminov na bukvy "N" i "O" 8 p.
——— [Phonograph record for the article "Differential diagnosis of supplementary respiratory sounds auscultated above the lungs"] Gramofonnaia plastinka k stat'e "Differents.-diagnostika pobochnykh dykhatel'nykh shumov vyslushivaemykh nad legkimi" (okonchanie).

LAVNIKOV, A.A. [Aviation medicine] Aviatsionnaia meditsina. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 274 p.
(DNLM)

LESNOI, S.K. [Hormone therapy in gynecology and obstetrics; concise manual] Gormonoterapiia v ginekologii i akusherstve; kratkoe posobie. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 62 p. (Biblioteka prakticheskogo vracha)
(DNLM)

MOLCHANOVA, G.IA. [Diseases of women] Zhenskie bolezni. Moskva, Medgiz, 1960. 36 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

MOROZKIN, N.I., ed. [Influenza; collection of works] Gripp; sbornik nauchnykh rabot. Kiev, Gos. med. izd-vo USSR.
No. 3. 1959. 1 v.
(MnU)

MOROZOV, A.L., and A.V. KHODZHASH, eds. [Physiological peculiarities, clinical aspects of the diseases, and problems in the industrial hygiene of employed adolescents] Fiziologicheskie osobennosti, klinika zabolevanii i voprosy gigieny truda rabochikh-podrostkov. Izd. 2., ispr. i dop. Moskva, Gos. izd-vo med. lit-ry Medgiz.
Vol. 2. [Clinical peculiarities in the course of some diseases of adolescence] Klinicheskie osobennosti techeniia nekotorykh zabolevanii v podrostkovom vozraste. 1961. 191 p.
(DNLM)

MOROZOV, N. N., ed. [Rural medical care] Meditsinskoe obsluzhivanie sel'skogo naselenia. Moskva, Medgiz, 1960. 96 p. (Peredovoi opyt organizatsii zdravookhranenia)
(DNLM)

MOSCOW. POLIKLINIKA IM. F. E. DZERZHINSKOGO. [Collection of works on research and practice of the F. E. Dzerzhinskii Polyclinic] Sbornik nauchno-prakticheskikh rabot. Moskva, Medgiz
No. 2. 1961. 239 p.
(DNLM)

MOSCOW. TSENTRAL'NYI INSTITUT USOVERSHENSTVOVANIIA VRACHEI. [Actual problems in orthopedics and traumatology] Aktual'nye voprosy ortopedii i travmatologii. Pod red. N. L. Rutkevicha. Moskva, 1960. 197 p.
(DNLM)

MOSHKOV, V. N. [Exercise therapy in the clinical aspects of internal diseases] Lechebnaia fizkul'tura v klinike vnutrennikh boleznei. Izd. 2., perer. i dop. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 351 p.
(DNLM)

MURAZIAN, R. I. [Intraosseous anesthesia in gunshot wounds of the extremities] Vnutrikostnoe obezbolivanie pri ognestrel'nykh ranenilakh konechnostei. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 62 p. (Biblioteka prakticheskogo vracha)
(DNLM)

NAZHOV, M. R., and T. A. MELIKOVA. [Colitis and accompanying cholecystitis and hepatocholecystitis] Kolity i soputstvuiushchie im kholetsistity i gepatokholetsistity. Baku, Azerbaidzhanskoe gos. izd-vo, 1961. 62 p.
(DNLM)

NEZLIN, S. E. [Regimen for the tuberculosis patient] Rezhim bol'nogo tuberkulezom. Izd. 6. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 78 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

NOSAL', M. A., and I. M. NOSAL'. [Medicinal plants and their popular use] Lekarstvennye rastenila i sposoby ikh primenenila v narode. Pod red. V. G. Drobot'ko. Kiev, Gos. med. izd-vo USSR, 1960. 254 p.
(DNLM)

PIFCHKOVA, E. K. [Reaction of the nervous system to chronic damage of the peripheral nerve, experimental and morphological study] Reaktsii nervnoi sistemy organizma na khronicheskoe povrezhdenie perifericheskogo nerva, eksperimental'no-morfologicheskoe issledovanie. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 257 p.
(DNLM)

PONDOEV, G. S. [Notes of a physician] Zametki vracha. Izd. 2., znachitel'no dop. i ispr. Tbilisi, Gruzmedgiz, 1957. 200 p.
(DNLM)

PONDOEV, G. S. [Notes of a physician] Zametki vracha. [Izd. 3., znachitel'no ispr. i dop.] Tbilisi, Gos. izd-vo "Sabchota Sakartvelo," 1961. 309 p.
(DNLM)

RABUKHIN, A. E. [Tuberculosis retreats] Tuberkulez otstupaet. Moskva, Izd-vo "Znanie," 1961. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6, Biologila i meditsina, no. 13)

REKHTER, G. E. [Mental disorders in chronic alcoholic intoxication, clinical aspects, classification, and treatment] Psikhicheskie narusheniia pri khronicheskoi alkogol'noi intoksikatsii; klinika, klassifikatsiia i lechenie. Kiev, Gos. med. izd-vo USSR, 1961. 90 p. (Biblioteka prakticheskogo vracha)
(DNLM)

ROZENFEL'D, I. I. [Principles and methods in the planning of the public health system] Osnovy i metodika planirovaniia zdravookhraneniia. Moskva, Gos. izd-vo med. lit-ry Medgiz. (Biblioteka vracha-organizatora)
Pt. 3. [Planning to meet the needs of the public health system for medical personnel] Planirovanie potrebnosti zdravookhraneniia vo vrachebnykh kadrakh. 1961. 202 p.
(DNLM)

SKORODUMOVA, A. M. [Dietitic and therapeutic fermented milk products; microbiological principles] Dieticheskie i lechebnye kislomolochnye produkty; mikrobiologicheskie osnovy. Izd. 2., ispr. i dop. [Leningrad] Gos. izd-vo med. lit-ry Medgiz, 1961. 203 p. (Biblioteka prakticheskogo vracha)
(DNLM)

SOSNOVIK, I. IA. [First aid in acute poisoning from industrial toxins] Pervaia pomoshch' pri ostrykh otravleniiakh promyshlennymi iadami. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 49 p.
(DNLM)

SYROECHKOVSKAIA, M. N. [Water in the treatment and prevention of diseases] Voda v lechenii i preduprezhdenii boleznei. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 34 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

TOMSK. TOMSKII GOSUDARSTVENNYI MEDITSINSKII INSTITUT. [Problems in surgery of the esophagus and stomach. Biological effect of rays from the 25 Mev. betatron] Voprosy khirurgii pishchevoda i zheludka. Biologicheskoe deistvie luchei betatrona 25 Mev. Tomsk, Izd-vo Tomskogo univ., 1960. 354 p.
(DNLM)

VOLEVICH, R. V. [Nodular periarteritis] Uzelkovyi periarterilt. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 245 p.
(DNLM)

ZHDANOV, V. M. [Epidemiology] Epidemiologiia. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 335 p.
(DNLM)

ZHORDANIA, I. F. [Handbook of obstetrics] Uchebnik akusherstva. Izd. 2., ispr. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1959. 642 p.
(DNLM)

15. AGRICULTURE

[AGRONOMIST'S NOTEBOOK] Zapisnaia knizhka agronoma. [Moskva] Mosk. rabochii, 1961. 390 p.
(DA)

ALFEROV, L. A. [Forest is our country's wealth] Les - bogatstvo nashei strany. Moskva, Izd-vo "Znanie," 1961. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Biologiia i meditsina, no. 15)

ANDREEV, N. G. [Feed supply] Kormovaia baza. Moskva, Izd-vo "Znanie," Vses. ob-va po rasprostraneniiu polit. i nauchn. znanii, 1961. 37 p. (Narodnyi universitet kul'tury Sel'skokhoziaistvennyi fakul'tet, no. 6)
(DA)

ANT'ONOVA, T. S. [High cabbage yields] Vysokie urozhai kapusty. [Leningrad] Lenizdat, 1960. 18 p.

[AT THE THRESHHOLD OF THE EIGHTH GRAIN HARVEST] Na poroge vos'mogo khleba. [Moskva, Izd-vo "Molodaia gvardiia," 1961] 15 p.
(DA)

BABUSHKIN, L. N. [Agroclimatic subdivision of the cotton zone of Central Asia] Agroklimaticheskoe raionirovanie khlopkovoi zony Srednei Azii. Leningrad, Gidrometeor. izd-vo, 1960. 133 p.
(DA)

BARANOV, A. M. [Kaluga forests] Lesa kaluzhskie. [Kaluga] Kaluzhskoe knizhnoe izd-vo, 1960. 78 p.
(DA)

BELICHENKO, P. P. [New aspects of competition in the village] Novoe v sorevnovanii na sele. Moskva, Gos. izd-vo sel'skhoz. lit-ry, zhurnalov i plakatov, 1961. 158 p.
(DA)

BELOKHONOV, I. V., ed. [Protection of plants from pests and diseases] Itogi rabot po zashchite rastenii ot vreditelei i boleznei. Michurinsk, 1957. 141 p.
(DA)

BENEDIKTOV, I. [Development of agriculture in the postwar period] Razvitie sel'skogo khoziaistva v poslevoennyi period. [Moskva] Gos. izd-vo polit. lit-ry, 1947. 79 p.

BUIKO, I. D., and A. E. CHZHAO. [New machinery and equipment in agriculture, recommended literature] Novaia tekhnika v sel'skom khoziaistve, rekomendatel'nyi obzor literatury. Moskva, Gos. biblioteka SSSR im. V. I. Lenina, 1961. 38 p. (Novosti nauki i tekhniki, no. 26)

CHERSTVIN, V. A. [Storing seeds of valuable and fast-growing trees and preparing them for sowing] Khranenie i podgotovka k posevu semian tsennykh i bystrorastushchikh drevesnykh porod. Moskva, Goslesbumizdat, 1961. 26 p.
(DA)

CHITAIA, G. S. [Agriculture in the Georgian mountains] O gornom zemledelii v Gruzii. Moskva, 1960. 13 p.
(CLU)

CHURAKOV, N. D., and A. M. BAGDASARIAN. [A man of our times] Chelovek nashego vremeni. Moskva, Gos. izd-vo polit. lit-ry, 1961. 54 p. (Stranitsy nashei zhizni)
(DA)

[CLUB AIDS COLLECTIVE FARM PRODUCTION] Klub - kolkhoznomu proizvodstvu, iz opyta raboty Teletskogo sel'skogo kluba Trubchevskogo raiona Brianskoi oblasti i Kluba kolkhoza imeni Stalina Khorol'skogo raiona Primorskogo kraia. Moskva, Izd-vo "Sovetskaia Rossiia." (Bibliotechka sel'skogo klubnogo rabotnika, no. 6)
No. 2. 1961. 42 p.

[COLLECTIVE-FARM ECONOMICS] Nekotorye voprosy ekonomiki kolkhozov, sbornik statei. [Gor'kii] Gor'kovskoe knizhnoe izd-vo, 1961. 105 p.

DAO TKHE TUAN. [Origin, systematics, and ecology of rice] Proiskhozhdenie, sistematika i ekologiia risa. Pod red. A. I. Belova. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1960. 82 p.

DAVYDOV, V. F., and S. V. ROGACHEV. [There where the orchards bloom] Tam gde tsvetut sady. [Moskva] Mosk. rabochii, 1961. 45 p.

DEZHKIN, V. V. [Book for hunters and anglers] Okhotniku i rybolovu. [Lipetsk] Lipetskoe knizhnoe izd-vo, 1961. 149 p.

DOMARATSKII, P. I. [Ridging unit] Agregat dlia narezki i obrabotki griad. [Leningrad] Lenizdat, 1961. 14 p. (Dostizhenila sel'skokhoziaistvennoi nauki - v proizvodstvo)
(DA)

DUNAIEVS'KYI, V. N. [Erosion control] Borot'ba z eroziieiu hruntiv. Kyiv, 1961. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan "Ukrains'koi RSR. Ser. 5, no. 4)

ELAGIN, V. D. [Machinery in the field and on livestock farms, present-day practices in the over-all mechanization of agriculture] Mashiny v pole i na fermakh, kompleksnaia mekhanizatsiia sel'skogo khoziaistva na sovremennom etape. Moskva, Izd-vo "Znanie," Vses ob-va po rasprostraneniiu polit. i nauchn. znanii, 1961. 39 p. (Narodnyi universitet kul'tury. Sel'skokhoziaistvennyi fakul'tet, no. 7)

ELOEV, V. K. [On the rise] Na pod"eme. Ordzhonikidze, Knizhnoe izd-vo Severo-Osetinskoi ASSR, 1959. 91 p.
(MH)

EREMIN, G. G. [How to study soils on collective and state farms of the non-Chernozem zone] Kak issledovat' pochvy v kolkhozakh i sovkhozakh nechernozemnoi polosy. [Moskva] Izd-vo Mosk. univ., 100 p.
(DA)

FEDOROVSKII, N. P. [Recent developments in poultry breeding] Novoe v ptitsevodstve. Moskva, Izd-vo "Znanie," 1961. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6, Sel'skoe khoziaistvo, no. 14)

GARKUSHA, I. F. [Bog soils; lectures for students of the agricultural faculty] Bolotnye pochvy, lektsiia dlia studentov agronomicheskogo fakul'teta. Gorki, Belorusskaia sel'khoz. biblioteka, 1957. 31 p.
(DA)

GARKUSHA, I. F. [Life and work of Vasilii Robertovich Vil'iams] Vasilii Robertovich Vil'iams; ego zhizn' i deiatel'nost'. Gory-Gorki, Izd-vo Belorusskoi S. Kh. Akad. BSSR, 1949. 20 p.

GARKUSHA, I. F. [Soil structure, lectures for students of the department of agriculture] Pochvennaia struktura, lektsiia dlia studentov agronomicheskogo fakul'teta. Gorki, M-va sel'. khoz. BSSR, 1959. 13 p.
(DA)

GARKUSHA, I. F. [Soils of the tundra zone, lectures for students of the department of agriculture] Pochvy tundrovoi zony; lektsiia dlia studentov agronomicheskogo fakul'teta. Gorki, M-vo sel'. khoz. SSSR, 1959. 12 p.

GLADKOV, N. G. [Grain cleaning machinery, structural features, calculation, design, and operation] Zernoochistitel'nye mashiny, konstruktsii, raschet, proektirovanie i ekspluatatsiia. Izd 2., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 367 p.
(DA)

GLUKHOV, Z. N. [Personnel determines the success of an enterprise] Kadry reshaiut uspekh dela. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 166 p.

GOLOSOV, I. M. [Antibiotics in reindeer breeding] Antibiotiki v olenovodstve. [Krasnoiarsk] Krasnoiarskoe knizhnoe izd-vo, 1961. 33 p.
(DA)

IAKOVLEV, A. A. [Measures for increasing the productivity of dairy cattle] Meropriiatiia po povysheniiu produktivnosti molochnogo skota. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 57 p.
(DA)

IATKO, MYKOLA. [Queen of labor] Koroleva trudi. Moskva, Gos. izd-vo polit. lit-ry, 1961. 53 p. (Geroi i podvigi) [Author's real name N M. IAtchenko]
(DA)

IL'IN, G.P., and A.V. USANOV. [Machinery and equipment for the reforestation of cutover areas] Mashiny i orudiia dlia sozdaniia lesnykh kul'tur na vyrubkakh. Moskva, Goslesbumizdat, 1961. 95 p.
(DA)

KAMYNIN, M. I., and A. L LIAKHOV. [Soil maps for collective and state farms] Pochvennye karty v kolkhozakh i sovkhozakh. Moskva, Izd-vo "Znanie," Vses. ob-va po rasprostraneniiu polit. i nauchn. znanii, 1961. 37 p. (Narodnyi universitet kul'tury. Sel'skokhoziaistvennyi fakul'tet, no. 8)

KANEVSKII, E. M., and A. V. PERESLAVTSEV. [Landscaping a city yard] Blagoustroistvo gorodskogo dvora. [Moskva] Mosk. rabochii, 1961. 76 p.
(DA)

KHAN, A. V , and R. M. KAPLAN. [Using electric equipment at consolidated sheep-shearing stations] Elektromekhanicheskaia strizhka ovets na ukrupnennykh punktakh. Moskva, Gos. izd-vo sel'khoz lit-ry, 1960. 46 p.
(DA)

KOTOV, A. I. [Principles and particular aspects of forest management] Ob osnovakh lesoustroistva i ego osobennostiakh. Kiev, Izd-vo Ukr. Akad. sel'khoz. nauk, 1961. 118 p.
(DA)

KOVALENKO, IA. P., and A. A. PETUKHOVSKII. [Organization of veterinary service in some foreign countries] Organizatsiia veterinarnoi sluzhby v nekotorykh zarubezhnykh stranakh. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 143 p.

KOZARZHEVSKAIA, E. F. [Manual on injuries to tree and shrubbery fruits and seeds in the steppe zone of the European S. S. R.] Opredelitel' povrezhdenii plodov i semian derev'ev i kustarnikov stepnoi zony evropeiskoi chasti SSSR. Moskva, Goslesbumizdat, 1961. 20 p.
(DA)

KUTILOVA, V. I. [This is economically profitable] Eto ekonomicheski vygodno. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 38 p. (Reshenila ianvarskogo (1961 g.) Plenuma TsK KPSS - v zhizn'!)
(DA)

LARIN, I. V. [Pastures, their utilization and care] Pastbishcheoborot; sistema ispol'zovaniia pastbishch i ukhoda za nimi. Izd. 3., perer. i dop. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 250 p.
(DA)

LISIN, S. S. [Forest nurseries] Lesnye pitomniki. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 255 p.
(DA)

LOBANOV, G. A. [New varieties of fruits and berries] Vyvedenie novykh sortov plodovykh i iagodnykh rastenii. Izd. 3., ispr. i dop. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 183 p.
(DA)

LUKASHEV, I. I. [Specialized epizootology] Chastnaia epizootologiia. Moskva, Gos. izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 301 p.
(DA)

MALASHENKO, I. N. [Three hundred and seventy-four lambs from one hundred ewes in two years] 374 iagnenka ot 100 matok za dva goda. Moskva, Izd-vo sel'khoz. lit-ry, 1960. 52 p.
(DA)

MARINICH, P. E. [Best grain crop varieties] Luchshie sorta zernovykh kul'tur. Moskva, Glav. upr. sel'khoz. nauki, 1958. 152 p.
(DA)

MARKELOV, I. A. [Contribution of the club to collective-farm production] Klub-kolkhoznomu proizvodstvu; iz opyta raboty Vurmankasinskogo sel'skogo kluba Vurnarskogo raiona Chuvashskoi ASSR. Moskva, Izd-vo "Sovetskaia Rossiia." (Bibliotechka sel'skogo klubnogo rabotnika, no. 7)
No. 3, 1961. 33 p.

MICHURINSK. NAUCHNO-ISSLEDOVATEL'SKII INSTITUT SADOVODSTVA. [Varieties and breeding of fruits and berries] Voprosy selektsii i sortoizucheniia plodovykh i iagodnykh kul'tur; trudy nauchnoi sessii instituta [1957, Tambov] Tambovskoe knizhnoe izd-vo, 1959. 351 p.
(CU-A)

NAUMOV, P. A. [Feeding and raising swine] Kormlenie i vyrashchivanie svinei. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 182 p.
(DA)

[NEW METHODS FOR THE AFFORESTATION OF ROLLING SANDS] Novye sposoby obleseniia bugristykh peskov. [By] N. K. Zagaitsevich i dr. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 216 p.
(DA)

NIKIFOROV, A. M. [Control of pests and diseases in farm crops] Bor'ba s vrediteliami i boleznami sel'skokhoziaistvennykh kul'tur. Izd. 3. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 130 p. (Uchebniki i uchebnye posobiia dlia podgotovki sel'skokhoziaistvennykh kadrov massovoi kvalifikatsii)
(DA)

NIKOLAEV, A. I. [Sheep breeding] Ovtsevodstvo. Izd. 2., perer. i dop. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 348 p. (Uchebniki i uchebnye posobiia dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii)
(DA)

NOSENKO, A. E. [A son of our great people] Naroda velikogo syn. Moskva, Gos. izd-vo polit. lit-ry, 1961. 47 p. (Geroi i podvigi)

NOSKOV, N. M. [Handbook for practical lessons in epizootology] Rukovodstvo k prakticheskim zaniatiiam po epizootologii. Moskva, Gos. izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 343 p. (Uchebniki i uchebnye posobie dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii)
(DA)

[ORENBURG MEETINGS] Orenburgskie vstrechi. [Orenburg] Orenburgskoe knizhnoe izd-vo, 1960. 52 p.

ORLOV, N. P. [Biological principles in the treatment and prevention of parasitic diseases] Biologicheskie osnovy lecheniia i profilaktiki parazitarnykh zabolevanii. Izd. 2., dop. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 157 p.
(DA)

ORLOV, V. N. [Use advanced cultivation practices in growing buckwheat] Grechikhe - vysokuiu agrotekhniku Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 15 p. (Reshenila ianvarskogo (1961 g.) Plenuma TsK KPSS-v zhizn'!)

PADII, N. N. [Brief guide to pests feeding on needles and leaves] Kratkii opredelitel' khvoe-i listogryzushchikh vreditelei. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 78 p.
(DA)

PALKIN, G., ed. [Manual on private livestock and poultry raising] Spravochnik po individual'nomu zhivotnovodstvu i ptitsevodstvu. Moskva, Izd-vo VTsSPS Profizdat, 1946. 182 p. (V pomoshch' rabochim i sluzhashchim zanimaiushchimsia zhivotnovodstvom i ptitsevodstvom)
(DA)

POPOV, G. P., ed. [Field and vegetative experiments with cotton under irrigation] Metodika polevykh i vegetatsionnykh opytov s khlopchatnikom v usloviiakh orosheniia. Tashkent, 1957. 114 p.
(DA)

POPOVYCH, F. IA. [Greenhouse management on collective and state farms] Parnykovo-teplychne hospodarstvo v kolhospakh ta radhospakh. Kyiv, 1961. 47 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 5, no. 2)

POVAZHENKO, I. E. [General veterinary surgery] Obshchaia veterinarnaia khirurgiia. Izd. 2., ispr. i dop. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 452 p.
(DA)

POZDNIAKOV, M. M., ed. [Handbook on animal husbandry for the non-Chernozem zone of the U. S. S. R.] Spravochnik zootekhnika nechernozemnoi polosy SSSR. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 560 p.
(DA)

PROKOP'EV, M. N. [Regeneration of spruce following the skidding of untopped trees] Vozobnovlenie ell posle trelevki derev'ev s kronami. Moskva, Goslesbumizdat, 1961. 57 p.
(DA)

RUSSIA (1923- U. S. S. R.) Gosudarstvennaia komissiia po sortoispytaniiu sel'skokhoziaistvennykh kul'tur. [Belotserkovskaia 198 winter wheat] Ozimaia pshenitsa Belotserkovskaia 198, Moskva, Izd-vo M-va sel'. khoz. SSSR, 1960. 63 p.
(DA)

RUSSIA (1923- U. S. S. R.) Gosudarstvennaia komissiia po sortoispytaniiu sel'skokhoziaistvennykh kul'tur. [Bezostaia 1, an awnless winter wheat variety] Ozimaia pshenitsa Bezostaia 1. Moskva, Izd-vo M-va sel'. khoz. SSSR, 1960. 47 p.
(DA)

RUSSIA (1923- U. S. S. R.) Gosudarstvennaia komissiia po sortoispytaniiu sel'skokhoziaistvennykh kul'tur. [New corn hybrids Bukovina 3 and Bukovina 2, results of state crop variety tests] Novye gibridy kukuruzy Bukovinskii 3 i Bukovinskii 2, rezul'taty gosudarstvennogo sortoispytaniia. Moskva, Izd-vo M-va sel'. khoz. SSSR, 1960 45 p.
(DA)

RUSSIA (1923- U. S. S. R.) Gosudarstvennaia komissiia po sortoispytaniiu sel'skokhoziaistvennykh kul'tur. [New strong and durum spring wheat varieties; Saratov 29, Saratov 210, Bezenchuk 98, Kharkov 46, Mellanopus 26] Novye sorta sil'nykh i tverdykh iarovykh pshenits; Saratovskaia 29, Saratovskaia 210, Bezenchukskaia 98, Khar'kovskaia 46, Mellanopus 26. Moskva, Izd-vo M-va sel'. khoz SSSR, 1960. 73 p.
(DA)

RYZHEI, I. P. [New method for breeding wheat] Osnova novoi metodiki po semenovodstvu pshenitsy. Frunze, Ministerstvo sel'skogo khoziaistva Kirgizskoi SSR, 1958. 26 p.
(DA)

SITNIKOV, V. S. [Obtaining 238 poods of millet per hectare] Dvesti tridtsat' vosem' pudov prosa s gektara. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 12 p. (Reshenila ianvarskogo (1961 g.) Plenuma TsK KPSS - v zhizn'!)
(DA)

SMIRNOV, L. F. [Raising Romanov sheep] Romanovskoe ovtsevodstvo. Pod red. A. I. Kruglova. [Arosiavl'] IAroslavskoe knizhnoe izd-vo, 1961. 220 p.
(DA)

SOBOLEV, A. S. [Practical manual in agricultural entomology] Praktikum po sel'skokhoziaistvennoi entomologii. Moskva, Gos. izd-vo sel'khoz. lit-ry zhurnalov i plakatov, 1961. 325 p. (Uchebniki i uchebnye posobiia dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii)
(DA)

SOROKIN, L. A. [Raising potatoes with high yields, the Stalin Collective Farm in Prigorod District] Opyt vyrashchivaniia vysokikh urozhaev kartofelia; kolkhoz imeni Stalina, Prigorodnogo raiona. Ordzhonikidze, Severo-Osetinskoe knizhnoe izd-vo, 1960. 11 p.
(DA)

[SPECIALIZED STATE VEGETABLE AND POTATO FARMS] Spetsializirovannye ovoshcho-kartofelevodcheskie sovkhozy. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 182 p.
(DA)

TRAVEN', F. I., and P. S. DUBININ. [Shelterbelt afforestation] Vyrashchivanie zashchitnykh lesonasazhdenii. Moskva, Gos. izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 191 p.
(DA)

TSENTRAL'NAIA STANTSIIA IUNYKH TEKHNIKOV, Moscow. [For young fruit growers] IUnym sadovnikam. [Moskva] Izd-vo "Detskii mir" 1961. 1 fold 1. (Prilozhenie k zhurnalu "IUnyi tekhnik," no. 17(107))
(DA)

TSYNKOV, M. IU. [Organization of animal husbandry as exemplified by farms of the non-Chernozem and central Chernozem zones] Organizatsiia zhivotnovodstva; na primere khoziaistv nechernozemnoi i tsentral'noi chernozemnoi zon. Moskva, Gos. izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 303 p.
(DA)

VAINER, M. G., and V. P. ALFER'EV. [Planning in connection with machinery and equipment for agriculture] Planirovanie material'no-tekhnicheskikh sredstv v sel'skom khoziaistve. Moskva, Gos. izd-vo planovo-ekon. lit-ry, 1961. 175 p.
(DA)

VAKHSHSKAIA ZONAL'NAIA OPYTNAIA STANTSIIA. [Reports of the Vakhsh Region Experimental Station] Trudy. Stalinabad, Izd-vo Akad. nauk Tadzhikskoi SSR, 1961. 138 p.
(DA)

VARENITSA, E. T. [Siberian millet; biology, breeding, and cultivation] Chumiza; biologiia, selektsiia i agrotekhnika. [Moskva] Gos. izd-vo sel'khoz. lit-ry, 1958. 431 p.
(DA)

VIL'NER, A. M. [Forage poisoning in farm animals] Kormovye otravleniia sel'skokhoziaistvennykh zhivotnykh. Izd. 3, perer. i dop. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 438 p.
(DA)

VITEBSK, VETERINARNYI INSTITUT. [Scientific conference; summaries of reports] Nauchnaia konferentsiia; tezisy dokladov. Vitebsk, 1957. 33 p.
(DA)

VLADIMIROVA, V. L. [Growing vegetables in greenhouses and hotbeds] Vyrashchivanie ovoshchei v teplitsakh i parnikakh. Kishinev, Gos. izd-vo "Kartia moldoveniaske 1959. 26 p. (Vystavka dostizhenii narodnogo khoziaistva MSSR)
(DA)

VOITOV, P. I. [Mechanized cultivation of vegetables] Mekhanizatsiia vozdelyvaniia ovoshchnykh kul'tur. Izd. 2., perer. i dop. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 231 p.
(DA)

VORONOV, I. G. [Cleaning and grading of seeds] Ochistka i sortirovanie semian. Izd. 2., perer. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 580 p.
(DA)

VSESOIUZNAIA AKADEMIIA SEL'SKOKHOZIAISTVENNYKH NAUK IMENI V. I. LENINA. [Farm management system in Novosibirsk Province, materials of the outsession of the Lenin All-Union Academy of Agricultural Sciences, Novosibirsk, July 29th-August 2d, 1958] O sisteme vedeniia sel'skogo khoziaistva v Novosibirskoi oblasti, materialy vyezdnoi sessii Akademii 29 iiulia-2 avgusta 1958 goda g. Novosibirsk [Novosibirsk] Novosibirskoe knizhnoe izd-vo.
Vol. 3. 1959. 401 p.
(DA)

VSESOIUZNAIA AKADEMIIA SEL'SKOKHOZIAISTVENNYKH NAUK IMENI V. I. LENINA. [Zonal division of forage plants in the U. S. S. R.] Organizatsiia kormoproizvodstva po zonam SSSR. Pod red. I. V. Larina, A. P. Movsisiantsa, B. A. Karunina. Moskva, Izd-vo M-va sel'. khoz. SSSR, 1960. 322 p.
(CU)

16. TECHNOLOGY

ADAKUMOV, M. M. [Attachments for lathes] Prisposobleniia dlia tokarnykh stankov. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 101 p. (Biblioteka molodogo rabochego)

ABRAMZON, L. S., M. S. ILEMBITOV, and V. IA. SHLIDERMAN. [Ejector pumping of petroleum products with high vapor tensions] Ezhektornaia vykachka nefteproduktov s vysokoi uprugost'iu parov. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 76 p.

AGANOV, M. I., and A. N. PEROV. [Design and repair of automatic brakes] Ustroistvo i remont avtotormozov. Izd. 6., perer. i dop. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 270 p.

AGRE, V. L., and IU. IA. VATKIN. [Steel pipes; manual for training qualified workers under operating conditions] Stal'nye truby; posobie dlia podgotovki kvalifitsirovannykh rabochikh na proizvodstve. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 189 p.

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. Institut khimii. [Clay suspensions in oil-well drilling in Georgia] Glinistye suspenzii v neftеburenii Gruzii; sbornik rabot. Tbilisi, 1961. 153 p.

AKADEMIIA NAUK SSSR. Institut biokhimii. [Practical manual on the technology of processing black tea] Prakticheskoe rukovodstvo po novoi tekhnologii proizvodstva chernogo chaia. Moskva, 1961. 101 p.

AKADEMIIA NAUK SSSR. Institut gornogo dela. [Mechanization and automatization in mining] Mekhanizatsiia i avtomatizatsiia v gornoi promyshlennosti, sbornik statei. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 348 p.

AKADEMIIA NAUK SSSR. Institut gornogo dela. [Simple explosives; "igdanity."] Vzryvchatye veshchestva prostoishego sostava (igdanity); sbornik statei i materialov. Pod red. N. V. Mel'nikova i L. I. Barona. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 238 p.

AKADEMIIA NAUK SSSR. Institut gornogo dela. [Use of vibrating machinery in mining] Primenenie vibrotekhniki v gornom dele. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 303 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY, SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Standard technical tables for assembling, raising with hydraulic jacks, and disassembling the metal moveable (sliding) formwork of silo frames for round silos with a diameter of 6 m] Tipovye tekhnologicheskie karty na proizvodstvo rabot po montazhu, pod"emu gidrodomkratami i demontazhu metallicheskoi podvizhnoi (skol'ziashchei) opalubki silosnykh korpusov s kruglymi silosami diametrom 6 m; na osnove opyta stroitel'stva zernovykh elevatorov. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 43 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut osnovanii i podzemnykh sooruzhenii. [Instructions for laying sewer pipes in water-saturated soil by a rapid production-line method] Ukazaniia po *sooruzheniiu kanalizatsionnykh* truboprovodov v vodonasyshchennykh gruntakh potochno-skorostnym sposobom. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 73 p.

AKRAMKHODZHAEV, A. M. [Lithology of oil- and gas-bearing Cretaceous sediments of the Fergana Valley] Litologiia neftegazonosnykh melovykh otlozhenii Ferganskoi depressii. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, 1960. 430 p.

AKSENOV, I. IA., and G. I. SUIAZOV. [Aid for the study of the regulations for the construction and operation of railroads in the U. S. S. R.] Posobie dlia izuchenila pravil tekhnicheskoi eksploatatsii zheleznykh dorog SSSR. Moskva, Gos. transp. zhel.-dor. izd-vo, 1947. 479 p.

ALEKSANDROV, S. G., and R. E. FEDOROV. [Soviet satellites and spaceships] Sovetskie sputniki i kosmicheskie korabli. Izd. 2, dop. i perer. Moskva, Izd-vo Akad. nauk SSSR, 1961. 439 p. (Nauchno-populiarnaia seriia)

ALEKSEEV, S. M., and others. [Modern means for abandoning an airplane in an emergency] Sovremennye sredstva avarilnogo pokidaniia samoleta. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1961. 450 p.

ALIEV, E. SH., and K. V. VINOGRADOV. [Determining the saturation pressure of formation oil directly on a well bottom] Opredelenie davleniia nasyshchenila plastovoi nefti neposredstvenno na zaboe skvazhiny. Baku, Azerbaidzhanskoe gos. izd-vo neft. i nauchno-tekhn. lit-ry, 1960. 95 p.

ANAN'EV, S. L., and M. A. ELIZAVETIN [Manufacture of hydraulic drives] Proizvodstvo gidravlicheskikh privodov. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 125 p. (Novaia tekhnika i peredovye metody truda)

ANDREEV, S. V., B. K. MARTENS, and A. N. TRUSHINSKII. [Multipositional electromechanical programmed controller, temperature, humidity, and lighting] Mnogopozitsionnyi elektromekhanicheskii programmnyi regulator, temperatury, vlazhnosti i osveshchennosti. Leningrad, 1961. 18 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Pribory i elementy avtomatiki)

ARUTIUNOV, N. B., and N. K. LEONIDOV. [Technological progress in ferrous metallurgy; blast furnace practice] Tekhnicheskii progress v chernoi metallurgii SSSR, domennoe proizvodstvo. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 480 p.

AVERBUKH, A. M., and KH. A. RYBAK. [Problems of relay protection and methods for solving them] Zadachi po releinoi zashchite i metody ikh resheniia. Moskva, Gos. energ. izd-vo, 1961. 351 p.

AZERNIKOV, V. Z. [From matches to rocket fuel] Ot spichek-k raketnomu toplivu. [Moskva] Izd-vo TsK *VLKSM "Molodaia gvardiia," 1961.* 142 p.

AZOV, G. M. [Frozen custard] Miagkoe morozhenoe. Moskva, Gos. izd-vo torg. lit-ry, 1961. 54 p.

BABAEV, A. G., and A. M. AKRAMKHODZHAEV. [Paleogeography of oil- and gas-bearing Cretaceous sediments in Uzbekistan] Paleogeografiia neftegazonosnykh melovykh otlozhenii Uzbekistana. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, 1960. 177 p.

BABIN, F. P. [Fundamentals of refrigeration engineering and refrigeration technology] Osnovy kholodil'noi tekhniki i kholodil'naia tekhnologiia. Moskva, Gos. izd-vo torg. lit-ry, 1961. 186 p.

BALKAROV, M. I., and N. A. TUAEV. [Mineral waters of the Elbrus region] Narzany El'brusa. Nal'chik, Kabardino-Balkarskoe knizhnoe izd-vo, 1960. 98 p.

BARANOVSKII, V. I. [Electron-beam tubes] Elektronno-luchevye trubki. Moskva, Gos. energ. izd-vo, 1961. 223 p.

BARDIZH, V. V. [Methods for measuring the static and impulse properties of ferrate cores with rectangular hysteresis loops] Staticheskie i impul'snye svoistva ferritovykh serdechnikov s priamougol'noi petlei gisterezisa i sposoby ikh izmerenii. Moskva, In-t tochnoi mekhaniki i vychislitel'noi tekhniki Akad. nauk SSSR, 1961. 62 p. (Elektronnye vychislitel'nye mashiny)

BARON, L. I., ed. [Shattering properties of explosives for mining] Drobiashchaia sposobnost' vzryvchatykh veshchestv dlia gornykh rabot. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 111 p.

BARSHAI, G. S., and N. I. BUIANOVSKII. [Theory and practice of turbodrilling] Teoriia i praktika turbinnogo burenila. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 413 p.

BARTNOVSKII, A. L., V. O. KOZIN, and S. A. KUCHERENKO. [Specialized measurements in communication systems, automatic control, and *remote control*] Spetsial'nye izmereniia v ustroistvakh sviazi, avtomatiki i telemekhaniki. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 251 p.

BAUM, A. E. [Grain drying] Sushka zerna. Moskva, Izd-vo tekhn. i ekon. lit-ry po voprosam zagotovok, 1961. 71 p.

BELIAEV, A. I. [Electrolyte of aluminum baths] Elektrolit alliuminievykh vann. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 198 p.

BELIAEV, N. Z., and M. IU. SHLEZINGER [Manual for automobilists] Uchebnoe posobie shoferu-liubiteliu. Moskva, Izd-vo DOSAAF, 1961. 222 p.

BEREZANTSEV, V. G., ed. [Soil mechanics and foundation engineering] Mekhanika gruntov, osnovaniia i fundamenty. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 339 p.

BERKLAID, I. M., and others [Automatic controllers] Kontrol'nye avtomaty. Moskva, Nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 193 p. (Progressivnye sredstva kontrolia razmerov v mashinostroenii)

BERLIAND, S. S. [Brief manual for the railroad worker in ferrous metallurgy] Kratkii spravochnik zheleznodorozhnika chernoi metallurgii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 231 p.

BESPALOV, I. V., A. G. VOLKOV, and D. M. FEISIN. [Quality control of building operations] Kontrol' kachestva stroitel'nykh rabot. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 205 p.

BIALOBZHESKII, G. V., A. K. DIUNIN, and A. A. KOMAROV. [Snow shields and fences] Snegozashchitnye *shchity i zabory.* Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 35 p.

BIRIUK, V. S. [Construction and design of marine shaft turning gear] Konstruirovanie i raschet sudovykh valopovorotnykh ustroistv. Leningrad, Gos soiuznoe *izd-vo sudostroit.* promyshl., 1961 123 p.

BIRIUKOV, V. A. [Dielectric heating and drying of wood] Protsessy dielektricheskogo nagreva i sushki drevesiny. Moskva, Goslesbumizdat, 1961. 147 p.

BIRMAN, A. E. [Manual on safety engineering for workers in plants manufacturing reinforced-concrete articles and in the field; intended for the workers engaged in the preparation of concrete reinforcement] Pamiatka po tekhnike bezopasnosti dlia rabochikh zavodov zhelezobetonnykh izdelii i poligonov; dlia zagotovshchika armatury. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 9 p. (Tekhnika bezopasnosti)

BLOKH, Z. SH. [Transient processes in linear automatic control systems] Perekhodnye protsessy v lineinykh sistemakh avtomaticheskogo regulirovaniia Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 492 p.

BOBKOV, V. A., and V. P. MARKOV. [Railroad transportation in the seven-year plan] Zheleznodorozhnyi transport v semiletnem plane. Leningrad, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, 1961. 43 p.

BOBKOV, V. T. [Technological progress in housing construction; text for a film strip] Tekhnicheskii progress v zhilishchnom stroitel'stve; material k diafil'mu. Moskva, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, 1960. 38 p.

BOGATYKH, IA. D. [Masonry in rural construction] Kamennye raboty v sel'skom stroitel'stve. [Moskva] Mosk. rabochii, 1961. 105 p.

BONDAR', IU. M. [Manual on safety measures for loading and unloading operations] Pamiatka rabochemu na pogruzochno-razgruzochnykh rabotakh. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 40 p. (Tekhnika bezopasnosti na dorozhnykh rabotakh)

BORISENKO, I. V. [Safety engineering in motion-picture theaters and film supply points] Tekhnika bezopasnosti na kinoustanovkakh i fil'mobazakh. Izd. 3., ispr. i dop. Moskva, Gos. izd-vo "Iskusstvo," 1961. (Biblioteka kinomekhanika)

BORISOV, S. N., D. G. LAPTEVA, and G. S. KHOVANSKII. [Collection of nomographs for calculating free surface curves in channels of a trapezoidal cross section] Sbornik nomogramm dlia rascheta krivykh svobodnoi poverkhnosti v kanalakh trapetsidal'nogo profilia. Moskva, Vychislitel'nyi tsentr AN SSSR, 1961.

_____ Supplement. 301.

BORZOV, K. V. [Control and measuring instruments used in mining] Kontrol'no-izmeritel'nye pribory, primeniaemye v gornodobyvaiushchei promyshlennosti. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 158 p.

BRODSKII, M. A., and A. P. KAMZOLOV. [Catalog of spare parts for agricultural tractors] Katalog zapasnykh chastei sel'skokhoziaistvennykh traktorov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 930 p.

BUDNIKOV, P. P., and A. M. GINTSLING. [Reactions in mixtures of solids] Reaktsii v smesiakh tverdykh veshchestv. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 422 p.

BUKSHTEIN, M. A. [Steel cables; reference manuals] Stal'nye kanaty, spravochnoe rukovodstvo. Izd. 2., ispr. i dop. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 175 p.

CHEKANOV, A. A. [Modern welding methods] Sovremennye metody svarki. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 302 p.

CHERNAKOV, F. A. [Argon-tungsten arc cutting of aluminum alloy sheet in thicknesses up to and including 50 mm] Argono-dugovaia rezka vol'framovym elektrodom alliuminievykh splavov tolshchinoi do 50 mm vkliuchitel'no. Leningrad, 1960. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila: Svarka i paika metallov, no. 9)

CHERNIAK, V. S., and K. P. VOSHCHANOV. [Young welder's handbook] Spravochnik molodogo svarshchika. Izd. 2., perer. i dop. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 656 p.

CHERNIAVSKII, IA. M. [Balance of the expenditure of working time in a plant; the work practice of enterprises of the Krasnoyarsk Economic Council] Balans zatrat rabochego vremeni na zavode; opyt raboty predpriiatii Krasnoiarskogo sovnarkhoza. Moskva, Gos. izd-vo planovo-ekon. lit-ry, 1961. 87 p.

CHERSKII, N. V. [Gas well designs] Konstruktsii gazovykh skvazhin. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 282 p.

CHUKHANOV, Z. F. [Some problems of fuel and power] Nekotorye problemy topliva i energetiki. Moskva, Izd-vo Akad. nauk SSSR, 1961. 477 p.

DALIN, M. A. [Petrochemical syntheses] Neftekhimicheskie sintezy. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1961. 97 p.

DANDURAND, M. [Automatic control systems of experimental nuclear reactors] Sistemy avtomaticheskogo upravleniia eksperimental'nykh iadernykh reaktorov. Moskva, 1960. 7 p. (International Federation of Automatic Control, 1st International Congress, Moscow, 1960 [Doklady, no. 38])

[MICROFILM]

DANILOV, V. N. [Railroad track and its interaction with the rolling stock] Zheleznodorozhnyi put' i ego vzaimodeistvie s podvizhnym sostavom. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 110 p.

DAVYDENKO, I. D. [Manual on welding electrodes] Spravochnik po svarochnym elektrodam. [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1961. 227 p.

[DEVICES FOR TIME MEASUREMENTS] Pribory dlia izmerenia vremeni. Izd. oficial'noe. Moskva, Gos. izd-vo standartov, 1961. 154 p. (SSSR. Gosudarstvennye standarty)

DIEV, B. V., and E. A. STROGANOV. [Standard spindle heads] Unifitsirovannye shpindel'nye golovki. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 54 p.

DNESTROVSKII, N. Z., and S. N. POMERANTSEV. [Brief manual on the treatment of nonferrous metals and alloys] Kratkii spravochnik po obrabotke tsvetnykh metallov i splavov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 416 p.

DRUZHINSKII, I. A. [Methods for machining shaped surfaces on machine tools] Metody obrabotki slozhnykh poverkhnostei na metallorezhushchikh stankakh. Izd. 2., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 485 p.

DUBININ, N. P., ed. [Steel casting, foundrymen's handbook] Stal'noe lit'e, spravochnik dlia masterov liteinogo proizvodstva. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 887 p.

DUBROVA, G. B. [Using antibiotics for the preservation of food products] Primenenie antibiotikov dlia sokhraneniia pishchevykh produktov. Moskva, Gos. izd-vo torg. lit-ry, 1961. 87 p.

DUDNIK, A. L., and V. A. TARASHCHANSKII. [Special course "Seismic prospecting methods for ore deposits] Spetsial'nyi kurs "Seismicheskie metody poiskov i razvedki mesturozhdenii poleznykh iskopaemykh", programma, metodicheskie ukazaniia i kontrol'nye zadaniia dlia uchashchikhsia geofizicheskoi spetsial'nosti zaochnykh otdelenii geologorazvedochnykh tekhnikumov. Kiev, Glav. upr. geol i okhrany nedr pri Sovete Ministrov USSR, 1960. 120 p.

[MICROFILM]

DYMAN, Z. L. [Individual contactors on d. c. powered electric locomotives] Individual'nye kontaktory elektrovozov postoiannogo toka. Moskva, Vses izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 35 p. (Bibliotechka mashinista elektrovoza)

EFIMOV, I. A. [Study of the remagnetization time of ferromagnetic film-type elements] Issledovanie vremeni peremagnichivaniia ferromagnitnykh plenochnykh elementov. Moskva, In-t tochnoi mekhaniki i vychislitel'noi tekhniki Akad. nauk SSSR, 1961. 23 p. (Elektronnye vychislitel'nye mashiny)

[ELECTRIFICATION OF THE UKRAINE] Elektryfikatsiia Ukrainy. Derzh. vyd-vo tekhnichnoi lit-ry URSR, 1960. 274 p. (Do dekady ukrains'koi literatury ta mystetstva v Moskvi)

ETINGER, I. L. [Properties of coals affecting mine safety] Svoistva uglei, vliiaiushchie na bezopasnost' truda v shakhtakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 95 p.

EVANGELISTI, DIUZEPPE. [Concerning control of frequency in hydroelectric power stations] K voprosu regulirovaniia chastoty na gidroelektrostantsiiakh. Moskva, 1960. 13 p. (International Federation of Automatic Control, 1st International Congress, Moscow, 1960 [Doklady, no. 50])

[MICROFILM]

FEDOROV, N. A., and L. Z. SHABEL'SKII. [Multipurpose automatic bending machines] Universal'no-gibochnye avtomaty. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 182 p.

FEDORTSOV, B. F. [Phototelegraphy engineering] Fototelegrafnaia tekhnika. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 246 p.

FEL'DMAN, I. A., M. B. GUTMAN, and G. K. RUBIN. [Calculation of heating elements for electric resistance furnaces] Raschet nagrevatelei elektropechei soprotivleniia. Moskva, Gos. energ. izd-vo, 1961. 26 p. (Biblioteka elektrotermista, no. 5)

[FIFTY YEARS OF THE MOSCOW ORDER OF LENIN POWER ENGINEERING INSTITUTE] 50 let Moskovskogo ordena Lenina energeticheskogo instituta imeni V. M. Molotova. Moskva, Gos. energ. izd-vo, 1955. 302 p.

[MICROFILM]

[FOR THE COMMUNIST YOUTH LEAGUE TEAM OF THE SEVEN-YEAR PLAN] Za komsomol'skii sostav semiletki, pochin komsomol'tsev Kuzbassa. [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1960. 98 p.

FRIDMAN, R. A. [Consumers' information about perfumery and cosmetics] Pokupateliu o parfiumerii i kosmetike. [Leningrad] Gostorgizdat, 1961. 191 p.

[FUNDAMENTALS OF PLACER DEPOSIT SURVEYING] Osnovy poiskov rossypei; uchebnoe posobie. [Leningrad] Izd-vo Leningr. univ., 1961. 122 p.

GAGARIN, IU. A. [Road to outer space; story of the Soviet pilot-astronaut] Doroga v kosmos, rasskaz letchika-kosmonavta SSSR. [Moskva] Izd-vo "Pravda," 1961. 173 p.

GAL'TSOV, A. D., and others, eds. [Reference book for establishing norms in the manufacture of machinery; in 4 volumes] Spravochnik normirovshchika-mashinostroitelia; v 4 tomakh. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry.

Vol. 2. [Establishing technical norms for operating machine tools] Tekhnicheskoe normirovanie stanochnykh rabot. Pod red. E. I. Struzhestrakha. 1961. 892 p.

GANZ, S. N. [Technological processes and equipment of the synthesis gas and fixed nitrogen industries] Tekhnologicheskie protsessy i oborudovanie proizvodstv sintez-gaza i sviazannogo azota. Pod red. V. I. Dalia. Khar'kov, Izd-vo Khar'kovskogo gos. univ. im. A. M. Gor'kogo, 1960. 550 p.

GENKIN, M. D., and V. K. GRINKEVICH. [Dynamic loads on helical gears] Dinamicheskie nagruzki v peredachakh s kosozubymi kolesami. Moskva, Izd-vo Akad. nauk SSSR, 1961. 116 p.

GERIEVA, M. KH. [New special-purpose cement] Novyi tsement spetsial'nogo naznacheniia. Ordzhonikidze, Severo-Osetinskoe knizhnoe izd-vo, 1961. 74 p.

GETLING, B. V. [Reading circuits and diagrams of electrical systems] Chtenie skhem i chertezhei elektroustanovok. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 195 p.

GIBSHMAN, E. E. [Sixth International Congress on Bridge and Structural Engineering] VI Mezhdunarodnyi kongress po mostam i konstruktsiiam. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 62 p.

GILLE, J.-C., and P. A. DECAULNE. [Concerning the stability of forced oscillations in nonlinear automatic control systems] Ob ustoichivosti vynuzhdennykh kolebanii v nelineinykh sistemakh avtomaticheskogo regulirovaniia. Moskva, 1960. 10 p. (International Federation of Automatic Control, 1st International Congress, Moscow, 1960 [Doklady, no. 41])

[MICROFILM]

GLIZMANENKO, D. L., and G. B. EVSEEV. [Gas welding and cutting of metals] Gazovaia svarka i rezka metallov. Izd. 2., perer. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 447 p.

GOBERMAN, T. N. [Using automatic photoelectric devices at the Izhora Plant] Primenenie fotoelektricheskoi avtomatiki na Izhorskom zavode. Leningrad, 1960. 14 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila: Pribory i elementy avtomatiki, no. 14)

GOLANT, SH. N., and A. V. DUBILSKII. [Synthetic pairs in housing construction] Sinteticheskie kraski v zhilishchnom stroitel'stve; iz opyta Leningrada. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 138 p.

GOLUBEV, A. I. [Labyrinth pumps for the chemical industry] Labirintnye nasosy dlia khimicheskoi promyshlennosti. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 72 p.

GONCHAROV, IU. G., T. TS. GANKEVICH, and V. E. PETROV. [Operation and maintenance of a diesel locomotive] Upravlenie teplovozom i ego obsluzhivanie. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 180 p. diagrs.

GONCHAROV, V. M., and V. V. LOBANOV. [Economic use of lubricants for locomotive axles] Ekonomiia osevykh masel na parovozakh. Moskva, TSentr. dom tekhn. zhel.-dor. transp., 1959. 32 p. (Radiolekistika, no. 2(74))

GORSKII, B. Z., and L. P. BEZHENUTSA. [Plastics in the construction industry; manufacture and use] Plastmassy v stroitel'stve; proizvodstvo i primenenie. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 315 p.

GRIGOR'EV, N. V. [Nonlinear vibrations of elements of machinery and structures] Nelineinye kolebaniia elementov mashin i sooruzhenii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 254 p.

[GROATS AND GROAT CONCENTRATES] Krupa i krupianye kontsentraty. Izd. oficial'noe. Moskva, Gos. izd-vo standartov, 1960. 96 p. (SSSR. Gosudarstvennye standarty)

GULENKO, N. N., and V. E. GORA. [Track machinery and mechanisms] Putevye mashiny i mekhanizmy. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 319 p.

GUSEINOV, G. P. [Hydrodynamics of a petroleum layer] Nekotorye voprosy gidrodinamiki neftianogo plasta. Baku, Azergaidzhanskoe gos. izd-vo, 1961. 230 p.

GUSEV, L. V. [Always searching] Vsegda v poiske. [Moskva] Mosk. rabochii, 1961. 30 p. (Novatory semiletki)

HOLIAN-NIKOL'S'KYI, A. IU. [Technology under communism] Tekhnika komunizmu. Kyiv, 1961. 39 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 10, no. 2)

[AKOVLEV, A.S. [Tales of an airplane designer] Rasskazy aviakonstruktora. Moskva, Gos. izd-vo detskoi lit-ry M-va prosv. RSFSR, 1961. 112 p.

[AKOVLEV, L.G. [Errors of checking and measuring instruments and pickups] Pogreshnosti kontrol'no-izmeritel'nykh priborov i datchikov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 154 p.

[AVNEL', A.IU. [Public sanitation of the collective-farm village] Sanitarnoe blagoustroistvo kolkhoznogo sela. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 59 p. (Nauchno-populiarnaia meditsinskaia literatura)

IL'IN, V.A. [Concerning the methodology for transmitting information and the structure of remote control systems of dispersed objects] O metodakh peredachi informatsii i strukture sistem telemekhaniki dlia rassredotochennykh ob"ektov. Moskva, 1960. 10 p. (International Federation of Automatic Control, 1st International Congress, Moscow, 1960 [Doklady, no. 46])

[MICROFILM]

[INSTRUCTIONS FOR THE USE OF THE "REKORD" RADIO RECEIVER] Instruktsiia pol'zovaniia priemnikom "Rekord." Dnepropetrovsk, M-vo mestnoi promysh. USSR, 1951. 11 p.

INOSOV, V. L., and V. A. LUTSKII. [Code-pulse telemetering system for the centralized control of gas mains] Kodoimpul'snaia sistema teleizmereniia dlia dispetcherizatsii magistral'nykh gazoprovodov. Moskva, 1960. 11 p. (International Federation of Automatic Control, 1st International Congress, Moscow, 1960 [Doklady, no. 30])

[MICROFILM]

INTERNATIONAL FEDERATION OF AUTOMATIC CONTROL, 1st International Congress, Moscow, 1960. [Proceedings] Trudy. Moskva, Izd-vo Akad. nauk SSSR.

[Vol. 1] [Theory of continuous systems. Specialized mathematical problems] Teoriia nepreryvnykh sistem. Spetsial'nye matematicheskie problemy. 1961. 754 p.

[Vol. 3] [Statistical investigation methods. Theory of structures, simulation, terminology, and education] Statisticheskie metody issledovaniia. Teoriia struktur, modelirovanie, terminologiia, obrazovanie. 1961. 744 p.

[Vol. 4.] [Equipment for automatic control] Tekhnicheskie sredstva avtomatiki. 1961. 895 p.

[Vol. 5.] [Automatic control of production processes; machinery manufacture, electric power production, electric driving, and transportation] Avtomatizatsiia proizvodstvennykh protsessov, mashinostroenie, elektroenergetika, elektroprivod, transport. 1961. 490 p.

[Vol. 6.] [Automatic control of industrial processes, chemistry, petroleum refining, power engineering, nuclear power engineering, and metallurgy] Avtomatizatsiia proizvodstvennykh protsessov, khimiia, neftepererabotka, teploenergetika, iadernaia energetika, metallurgiia, 1961. 651 p.

ISMAIL-ZADE, D.I., and G.A. MAMEDOV. [Development of the Kirmaki series of the Buzovny-Mashtagi field] Voprosy razrabotki kirmakinskoi svity Buzovny-Mashtaginskogo mestorozhdeniia. Baku, Azerbaidzhanskoe gos. izd-vo neft. i nauchno-tekhn. lit-ry, 1960. 89 p.

IUN'KOV, A.A., N.L. AFANAS'EV, and N.A. FEDOROVA. [Interpretation of Vxz and H anomalies over contacts and faults] Interpretatsiia anomalii Vxz i H nad kontaktami i sbrosami. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1961. 25 p.
——— [Atlas of Vxz grids for $10^{\circ} \leq \alpha \leq 90^{\circ}$]
Atlas paletok Vxz dlia $10^{\circ} \leq \alpha \leq 90^{\circ}$.

IUN'KOV, N.L., AFANAS'EV, and N.A. FEDOROVA. [Interpretation of VA, Vzz and Z anomalies over contacts and faults] Interpretatsiia anomalii VA, Vzz i Z nad kontaktami i sbrosami. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1961. 25 p.
——— [Atlas of VA grids for $10^{\circ} \leq \alpha \leq 90^{\circ}$]
Atlas paletok VA dlia $10^{\circ} \leq \alpha \leq 90^{\circ}$.

IUR'EV, B.N., and L.V. IUR'EVA. [Methods of calculating blast-furnace smelting] Metody rascheta domennoi plavki. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 304 p.

IURKEVICH, A.P., and N.IA. VOVCHENKO. [Calculation of electric measuring devices and power compensated systems] Raschet elektricheskikh izmeritel'nykh ustroistv i sistem s silovoi kompensatsiei. Pod red. B.A. Rinkova. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1961. 120 p.

KABENIN, N.G., and E.G. STETSENKO. [Maintenance and inspection of locomotive trucks] Remont i proverki parovoznykh telezhek. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 133 p.

KALMYKOV, A.M., and P.I. BERSHADSKII. [Design and operation of M751 and M753 diesel engines for locomotives] Ustroistvo teplovoznykh dizelei M751 i M753. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 58 p. (Novaia zheleznodorozhnaia tekhnika)

KAMENICHNYI, I.S. [Manual on safety measures for heat treatment shops] Pamiatka po tekhnike bezopasnosti dlia termistov. Izd. 2, dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 39 p. (Tekhnika bezopasnosti)

KAMINSKII, E.A. [Star and delta circuits] Zvezda i treugol'nik. Moskva, Gos. energ. izd-vo, 1961. 63 p. (Biblioteka elektromontera, no. 44)

KAPLUN, F.SH., and others. [Manual on containers and packing for freight] Spravochnik po tare i upakovke gruzov. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 393 p.

KASATKIN, A.G., A.N. PLANOVSKII, and O.S. CHEKHOV. [Calculation of plate distillation and absorption apparatus] Raschet tarel'chatykh rektifikatsionnykh i absorbtsionnykh apparatov. Moskva, Gos. izd-vo standartov, 1961. 80 p.

KAZARINOV, V.M., and B.L. KARVATSKII. [Designing and testing automatic brakes] Raschet i issledovanie avtotormozov. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 231 p.

KAZNEVSKII, V.P. [Space rockets] Kosmicheskie rakety. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 122 p. (Biblioteka shkol'nika)

KHODOT, V.V. [Sudden outburst of coal and gas] Vnezapnye vybrosy uglia i gaza. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 362 p.

KHOMERIKI, G.V. [Current problems in developing the economic aspects of industry in the Georgian S.S.R.] Nekotorye aktual'nye voprosy razvitiia ekonomiki promyshlennosti Gruzinskoi SSR. Tbilisi, TsK KP Gruzii, 1961. 122 p.

KIEVSKII GEOLOGORAZVEDOCHNYI TEKHNIKUM. [Radio, physical, and chemical prospecting methods for ore deposits] Radiometriia i fiziko-khimicheskie metody razvedki poleznykh iskopaemykh; programma, metodicheskie ukazaniia i kontrol'nye zadaniia dlia uchashchikhsia geofizicheskoi spetsial'nosti zaochnykh otdelenii geologorazvedochnykh tekhnikumov. Kiev, Glav. upr. geol. i okh. nany nedr pri Sovete Ministrov USSR, 1960. 174 p.

[MICROFILM]

KIRBIAT'EV, L.N. [Reversers and switchgears of electric locomotives] Reversory i perekliuchateli elektrovozov. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 27 p. (Biblioteka mashinista elektrovoza)

KIRGINTSEV, A.N. [Mathematical theory of zone melting processes] Matematicheskaia teoriia protsessov zonnoi plavki. Otv. red. V.A. Mikhailov. Novosibirsk, Izd-vo Sibirskogo otd-niia AN SSSR, 1960. 69 p.

KISELEV, N.A. [Industrial boiler units] Promyshlennye kotel'nye ustanovki. Moskva, Gos. energ. izd-vo, 1960. 359 p.

KISELEV, P.G. [Reference book for calculations in hydraulic engineering] Spravochnik po gidravlicheskim raschetam. Izd. 3., perer. i dop. Pod red. V.D. Zhurina. Moskva, Gos. energ. izd-vo 1961. 352 p.

KLIMOV, A.N., I.D. OLENEV, and S.A. SOKOLITSYN. [Organizing and planning the operations of a machinery plant] Organizatsiia i planirovanie mashinostroitel'nogo zavoda. Moskva, Nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 512 p.

KLIUCHNIKOV, I.I., and A.S. ARKHANGEL'SKII. [Cutter-loaders PKG-3 and PKG-4] Prokhodcheskie kombainy PKG-3 i PKG-4. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 174 p.

KOBELEV, V.V., and A.A. KORSUNSKII. [Domain structure of uniaxial ferromagnetic films] Domennaia struktura odnoosnykh ferromagnitnykh plenok. Moskva, In-t tochnoi mekhaniki i vychislitel'noi tekhniki Akad. nauk SSSR, 1961. 20 p. (Elektronnye vychislitel'nye mashiny)

KOMISSAROV, M.A. [Television manual for the viewer] Telezriteliu o televizore. Pod red. E.T. Krilkova. [Gor'kii] Gor'kovskoe knizhnoe izd-vo, 1961. 130 p.

KONDO, BUNJI, SOSUKE IWEI, and MASAHAZU SOGA. [Transient processes with finite duration in pulse systems with saturation] Perekhodnyi protsess konechnoi dlitel'nosti v impul'snykh sistemakh s nasyshcheniem. Moskva, 1960. 13 p. (International Federation of Automatic Control, 1st International Congress, Moscow, 1960 [Doklady, no. 35])

[MICROFILM]

KONDRASHOV, A.V. [Economy in the use of materials in construction for transportation] Ekonomiia materialov v transportnom stroitel'stve. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 187 p.

KONDRATENKO, I.V., and E.A. SHTOKMAN. [Training models in construction, sanitary engineering, and building machinery] Uchebnye modeli po stroitel'stvu, sanitarnoi tekhnike i stroitel'nym mashinam. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 164 p. (Obmen opytom raboty)

KONOVALOV, P.G. [Plastics, their properties and use in industry, reference manual] Plasticheskie massy, ikh svoistva i primenenie v promyshlennosti, spravochnoe posobie. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 180 p.

KOROTKOV, V.P., and B.A. TAITS. [Fundamentals of mensuration and the precision of measuring instruments] Osnovy metrologii i tochnosti mekhanizmov priborov. Pod obshchei red. B.A. Taitsa. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 400 p.

KOSHELEV, K.L. [Self-release of rigid clutches] Samovykliuchenie zhestkikh stsepnykh muft. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 53 p.

KOSMACHEV, I.G. [Anode and tool machining of metals] Obrabotka metallov anodno-mekhanicheskim sposobom. Pod obshchei red. L.IA. Popilova. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 82 p. (Bibliotechka elektrotekhnologa i ul'trazvukovika, no. 3)

KOTLIARENKO, N.F. [Electric rail circuits] Elektricheskie rel'sovye tsepi. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 326 p.

KOTOV, O.K. [Surface hardening of machine parts by chemical and thermal methods] Poverkhnostnoe uprochnenie detalei mashin khimiko-termicheskimi metodami. Izd. 2., ispr. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 278 p.

KOZHEVNIKOVA, N.G. [Feeding of children in the kindergarten] Pitanie detei v detskom sadu; iz opyta raboty detskogo sada No. 617 g. Moskvy. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 274 p.

KOZLOV, V.A. [Municipal closed-loop electric networks] Gorodskie zamknutye elektricheskie seti. Moskva, Gos. energ. izd-vo, 1961. 238 p.

KRASNOV, N.P. [Finishing of rooms during repair] Otdelka komnat pri remonte; risunki dlia izgotovleniia trafaretov. Izd. 2., ispr. i dop. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 198 p.

KRAVTSOV, A.F., and V.G. ALEKSEEV. [Control and automation of metallurgical processes; a laboratory manual] Kontrol' i avtomatizatsiia metallurgicheskikh protsessov, laboratornyi praktikum. Izd. 3. stereotipnoe. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1960. 1 v.
(CU)

KREITER, V.M. [Prospecting for mineral deposits] Poiski i razvedka mestorozhdenii poleznykh iskopaemykh. Izd. 2., polnost'iu perer. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr. Pt. 2. 1961. 389 p.

KREMPOL'SKII, V.F. [Handbook on cartography for workers of map printing plants] Pamiatka po kartografii dlia rabochego kartograficheskoi fabriki. Izd. 2., ispr. i dop. Moskva, Geodezizdat, 1949. 93 p.
[PHOTOCOPY]

KRIUCHEK, K.F. [Programmed height gauge. Multipurpose rotary device for the layout of small parts] Shtangenreismus s programmoi nastroikoi. Universal'noe povorotnoe prisposoblenie dlia razmetki malogabaritnykh detalei. Leningrad, 1961. 13 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Opyt novatorov. Serila: Mekhanicheskaia obrabotka metallov, no. 11)

KHVITSKII, B. Kh. [Elements and equipment for pulse engineering] Elementy i ustroistva impul'snoi tekhniki. Izd. 2., dop. i perer. Moskva, Izd-vo "Sovetskoe radio," 1961. 541 p.

KRIVOUKHOV, V. A., and others. [Machinability of heat-resistant and titanium alloys] Obrabatyvaemost' rezaniem zharoprochnykh i titanovykh splavov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 243 p.

KRYLOV, N. N. [Theoretical fundamentals of radio engineering] Teoreticheskie osnovy radiotekhniki. Leningrad, Izd-vo "Morskoi transport," 1961. 416 p.

KUROCHKIN, S. N. [Use of underwater concreting in harbor hydraulic engineering] Primenenie podvodnogo betonirovaniia v portovom gidrotekhnicheskom stroitel'stve. Moskva, Izd-vo "Morskoi transport," 1961. 48 p.
[MICROFILM]

KUTIKOV, G. S., and I. P. PLEKHANOV. [Maintenance of motor vehicles] Tekhnicheskoe obsluzhivanie avtomobilei. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 53 p. (Nauchno-populiarnaia biblioteka avtomobilista)

LENINGRADSKII DOM NAUCHNO-TEKHNICHESKOI PROPAGANDY. Nauchno-tekhnicheskaia biblioteka. [Deposition of wear-resistant and heat-resistant alloys, a bibliography] Naplavka iznosostoikikh i zharoprochnykh splavov, bibliograficheskii ukazatel' literatury. Pod red. L. I. Mal'tseva. Leningrad, 1960. 17 p.

LERNER, L. S., A. A. TERESHCHENKOV, and I. K. KOCHERYSHKIN. [Organization and methodology of work in electrical engineering laboratories] Organizatsiia i metodika laboratornykh rabot po elektrotekhnike. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 109 p.

LEVANOV, N. M., ed. [Design and erection of reinforced-concrete constructions] Proektirovanie i montazh zhelezobetonnykh konstruktsii. Pod red. N. M. Levanova. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 456 p.

LIN'KOV, M. V. [Work planning for railroad sections] Planirovanie truda na otdelenii zheleznoi dorogi. Moskva, 1959. 33 p.
(DBC)

LIVSHITS, P. S. [Brushes for electric machinery, technology, testing, characteristics, design and use] Shchetki dlia elektricheskikh mashin; tekhnologiia, ispytaniia, kharakteristiki, konstruirovanie, ekspluatatsiia. Moskva, Gos. energ. izd-vo, 1961. 214 p.

LOBANOV, A. N. [Photogrammetric topography, terrestrial stereophotographic surveying] Fototopografiia, nazemnaia stereofotograficheskaia s"emka, Izd. 2., perer. i dop. Moskva, Izd-vo geodez. lit-ry, 1960. 194 p.

[LOCOMOTIVE ENGINEERS AS INNOVATORS] Novatory mashinisty parovozov, sbornik statei. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 134 p. (Zheleznodorozhniki - geroi sotsialisticheskogo truda)

LOSEV, A. V., and others. [Using and repairing antifriction bearings in locomotives] Ekspluatatsiia i remont podshipnikov kachenia lokomotivov. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 162 p.

LOSEV, I. A., and A. A. PUKHOV. [Electrical equipment of workboats and floating cranes] Elektrooborudovanie sudov i plavuchikh kranov tekhnicheskogo flota. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 326 p.

MAKSIMOVICH, N. G. [Linear electric networks and their conversions] Lineinye elektricheskie tsepi i ikh preobrazovaniia. Moskva, Gos. energ. izd-vo, 1961. 263 p.

MALISHEVSKII, N. A. [Using sea water in cooling systems of electric power plants] Ispol'zovanie morskoi vody v sistemakh okhlazhdeniia elektrostantsii. Moskva, Gos. energ. izd-vo, 1961. 198 p.

MALYSHEV, M. V. [Construction and operation of furnaces] Pechnoe delo. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 210 p.

MAN'KOVSKII, G. L., and L. G. PODOLIAKO. [Special methods for shaft sinking in the German Federal Republic and Holland] Prokhodka stvolov shakht spetsial'nymi sposobami v FRG i Golandii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 204 p.

MARTIN, F. S., and G. L. MILES. [Chemical processing of nuclear fuels. Translated from the English. Preface by N. P. Galkin] Khimicheskaia pererabotka iadernogo topliva. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 264 p.

MATLIN, S., and G. NOVIK. [Guide to the magazine "Radio" for 1950-1959] Putevoditel' po zhurnalu "Radio" za 1950-1959 gg. Moskva, Izd-vo DOSAAF, 1960. 268 p.

MATVEICHUK, V. S. [Investigating loading and unloading devices having magnetic and vacuum clamps] Issledovanie zagruzochno-razgruzochnykh ustroistv s magnitnymi vakuumnymi zakhvatami. Pod red. A. N. Rabinovicha. L'vov, L'vovskii politekhn. in-t, 1959. 107 p.

MEIKLIAR, M. V. [Engineering performance of the metal of a steam boiler] Kak rabotaet metall parovogo kotla. Moskva, Gos. energ. izd-vo, 1961. 93 p. (Biblioteka teplotekhnika, no. 8)

MEL'NICHENKO, D. E. [New vacuum spillway dams] Novye vakuumnye vodoslivnye plotiny. Kiev, Izd-vo Ukrainskoi Akad. sel'khoz. nauk, 1961. 117 p.
[MICROFILM]

MIKHALEVSKII, A. I., and M. M. STEMPNEVSKII. [Railroad cars, structural features and repair techniques] Vagony, ustroistvo i tekhnika remonta. Moskva, Gos. transp. zhel-dor. izd-vo, 1945. 814 p.

MIKHEEV, V. A., V. M. IAM, and B. I. POLIAKOV. [Modernization of hydraulic press equipment] Modernizatsiia gidropressovogo oborudovaniia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 248 p.

MIKLASHEVSKII, S. N., and K. D. OSIPOV. [Use of nylon parts for locomotives] Primenenie kapronovykh detalei na parovozakh, opyt depo Gomel' Belorusskoi zheleznoi dorogi. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 50 p.

MILLER, G. R. [Automatic control in industrial electric-power supply systems] Avtomatizatsiia v sistemakh elektrosnabzhenila promyshlennykh predpriiatii. Moskva, Gos. energ. izd-vo, 1961. 175 p.

[MINING HANDBOOK] Spravochnik po gornorudnomu delu. Red. kollegiia: A. M. Terpigorev i dr. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu
Vol. 3. [Underground mining] Podzemnye raboty. Nauchn. red. A. M. Terpigorev i R. P. Kaplunov. 1961. 803 p.

MINSKII GOSUDARSTVENNYI AVTOMOBIL'NYI ZAVOD. [Catalog of parts for MAZ-200, motortrucks, MAZ-200B saddle-type tractors, and MAZ-205 dump trucks] Katalog detalei gruzovogo avtomobilia MAZ-200, sedel'nogo tiagacha MAZ-200B i avtomobilia-samosvala MAZ-205. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 430 p.

MITSUMAKI, TATSUO. [Modified optimalizing control system] Modifitsirovannaia optimal'naia sistema regulirovaniia. Moskva, 1960. 15 p. (International Federation of Automatic Control, 1st International Congress, Moscow, 1960 [Doklady, no. 49)]
[MICROFILM]

MODEL', Z. I. [Radio transmitters] Radioperedaiushchie ustroistva. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1961. 463 p.

MONCHENKO, I. M. [Devices and tools for plane tabling] Menzul'nye pribory i instrumenty. Pod obshchei red. S. V. Eliseeva. Moskva, Izd-vo geodez. lit-ry, 1961. 197 p. (Geodezicheskie instrumenty i pribory)

MORDKHELOVICH, I. I., and P. I. KHALDEEV. [Mechanization and automatization of industrial boiler rooms] Mekhanizatsiia i avtomatizatsiia promyshlennykh kotel'nykh. Moskva, Gos. energ. izd-vo, 1961. 182 p.

MOSCOW. AVIATSIONNYI INSTITUT IMENI SERGO ORDZHONIKIDZE. [Manual for designing aeronautical instruments] Posobie po proektirovaniiu aviatsionnykh priborov. Pod red. B. A. Riabova. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz.
No. 3. Medvedeva-Orlova, T. P. [Lever transmission increase gears] Rychazhnye peredatochno-mnozhitel'nye mekhanizmy. 1961. 85 p.

MOSCOW. MOSKOVSKII INZHENERNO-STROITEL'NYI INSTITUT. [Summaries and annotations of reports to the 19th Scientific and Technical Conference of the Moscow Construction Engineering Institute] XIX Nauchno-tekhnicheskaia konferentsiia; tezisy dokladov, annotatsii. Moskva, M-vo vysshego i srednego spetsial'nogo obrazovaniia RSFSR, 1960. 263 p.
[MICROFILM]

MOSCOW. TSENTRAL'NAIA POLITEKHNICHESKAIA BIBLIOTEKA. [Over-all mechanization and automation of production; bibliography] Kompleksnaia mekhanizatsiia i avtomatizatsiia proizvodstvennykh protsessov, bibliograficheskii obzor literatury. Moskva, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, 1958. 30 p. (Material v pomoshch' lektoru)

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT MINERAL'NOGO SYR'IA. [Industry's requirements as to the quality of mineral raw materials] Trebovaniia promyshlennosti k kachestvu mineral'nogo syr'ia, spravochnik dlia geologov Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr.
No. 12. Borzunov, V. M. [Feldspar materials] Polevoshpatovoe syr'e. Nauchn. red. V. P. Petrov. Izd. 2., perer. 1960. 25 p.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTRUMENTAL'NYI INSTITUT. [Methods and practice of the metallographic investigation of tool steel] Metodika i praktika metallograficheskogo issledovaniia instrumental'noi stali, sbornik rabot metallograficheskoi laboratorii VNII. Pod nauchn. red. E. I. Malinkovoi. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 227 p.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTRUMENTAL'NYI INSTITUT. [Tool steels, properties and heat treatment, manual] Instrumental'nye stali, svoistva i termicheskaia obrabotka, spravochnik. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 250 p.

MOSKOVSKII DOM NAUCHNO-TEKHNICHESKOI PROPAGANDY IMENI F. E. DZERZHINSKOGO. [Establishing consolidated norms in machinery manufacturing] Ukrupnennoe normirovanie v mashinostroenii. Pod red. A. D. Gal'tsova. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 246 p.

MUSTAFAEV, M. M. [History of the development of the Bibi-Eybat Field] Iz istorii razvitiia Bibieibatskogo neftianogo mestorozhdeniia. Baku, Azerbaidzhanskoe gos. izd-vo, 1961. 70 p.

NAKHUTIN, I. P., and G. I. KUZNETSKII. [Manual on practical problems in electrical engineering] Posobie dlia prakticheskikh zaniatii po elektrotekhnike. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 86 p.

NATSIONAL'NYI KOMITET PO AVTOMATICHESKOMU UPRAVLENIIU. Nauchno-tekhnicheskii komitet terminologii. [Terminology on the basic concepts of automatic control] Terminologiia osnovnykh poniatii avtomatiki, doklad. Moskva, 1960. 31 p. (International Federation of Automatic Control, 1st International Congress, Moscow, 1960 [Doklady, no. 282)]
[MICROFILM]

NAUMOV, V. G., and V. M. ORLOV. [Manufacture and installation of industrial piping] Izgotovlenie i montazh tekhnologicheskikh truboprovodov. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 274 p.

NAZARENKO, U. P. [Economy in the use of electricity in compressor plants] Ekonomiia elektroenergii v kompressornykh ustanovkakh. Moskva, Gos. energ. izd-vo, 1961. 79 p. (Za ekonomiiu elektricheskoi i teplovoi energii)

[NEW FLIGHT INTO SPACE!] Novyi polet v kosmos! Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 76 p. (Za nashu Sovetskuiu Rodinu)

NICHEGO, V. M., and V. G. CHAPLIEV. [The MAZ-200V tractor drives two trailers] MAZ-200V vedet dva pritsepa. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 39 p. (Opyt novatorov avto-transporta)

NIKULIN, A. S. [Tachymetric tables] Takheometricheskie tablitsy. Izd. 2., Moskva, Izd-vo geodez. lit-ry, 1960. 314 p.

NOVIKOV, I. I., and K. D. VOSKRESENSKII. [Applied thermodynamics and heat transfer] Prikladnaia termodinamika i teploperedacha. Pod red. I. I. Novikova. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhniki, 1961. 546 p. (Osnovy iadernoi energetiki)

OBOLENTSEV, R. D., and A. V. MASHKINA. [Hydrogenolysis of organosulfur compounds in oil] Gidrogenoliz seraorganicheskikh soedinenii nefti. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 143 p.

OIKS, G. N., ed. [Metallurgy of steel: the open-hearth process; design and equipment of open-hearth furnaces and plants] Metallurgiia stali: martenovskii protsess; konstruktsii i oborudovanie martenovskikh pechei i tsekhov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 448 p.

OVSEICHER, P. I., and N. N. KOCHKINA. [Handbook on transistor diodes and triodes] Spravochnik po poluprovodnikovym diodam i triodam. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 239 p.

PANFIL', L. S. [Safety engineering on electric traction substations] Tekhnika bezopasnosti na tiagovykh podstantsiiakh. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenii, 1961. 141 p.

PANKIN, A. V. [Metal cutting] Obrabotka metallov rezaniem. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 520 p.

PARNOV, E. I., and R. B. ORSHANSKII. [Restored sun, about peat] Vozvrashchennoe solntse, o torfe [Moskva] Gos. izd-vo sel'khoz. lit-ry, 1960. 87 p.

PATENT, D. A. [Techniques for the automation of sampling and chemical analysis] Avtomatizatsiia otbora i khimicheskogo analiza prob. Moskva, 1960. 15 p. (International Federation of Automatic Control, 1st International Congress, Moscow, 1960 [Doklady, no. 145)]

[MICROFILM]

PATON, E. O. [Selected works, in three volumes] Izbrannye trudy, v trekh tomakh. Kyiv, Izd-vo Akad. nauk USSR.
Vol. 2. [Welded structures] Svarnye konstruktsii. 1961. 418 p.

PAVLOV, K. F., P. G. ROMANKOV, and A. A. NOSKOV. [Examples and problems for a course on the processes and equipment of chemical technology] Primery i zadachi po kursu protsessov i apparatov khimicheskoi tekhnologii. Izd. 5., ispr. Pod obshchei red. P. G. Romankova. Leningrad, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1961. 573 p.

PEREL'MAN, R. G. [Assault on outer space continues] Shturm kosmosa prodolzhaetsia. Moskva, Izd-vo "Znanie," 1961. 44 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 9, Fizika i khimiia, no. 13)

PEROV, V. P. [Designing of radar tracking systems with consideration of random actions] Raschet radiolokatsionnykh slediashchikh sistem s uchetom sluchainykh vozdeistvii. Leningrad, Gos. soiuznoe izd-vo, sudostroit. promyshl., 1961. 167 p.

PETROV, I. N. [Miniature radio devices] Miniaturnye radioustroistva. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 140 p.

POKROVSKAIA, A. I. [Teach your friends tasty cooking] Nauchi tovarishchei vkusno gotovit'. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 92 p.

POLIAKOV, IU. I., and A. S. TSYGANOV. [Making dies for cold stamping from plastics on an epoxy resin base] Izgotovlenie shtampov dlia kholodnoi shtampovki iz plasticheskikh mass na osnove epoksidnykh smol. Leningrad, 1960. 14 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Kholodnaia shtampovka, no. 8)

POLIKARPOV, S. A. [Principles of the interchangeability of parts and engineering measurements, manual for laboratory work] Osnovy vzaimozameniaemosti i tekhnicheskie izmerenila; rukovodstvo k vypolneniiu laboratornykh rabot. Leningrad, M-vo vysshego i srednego spetsial'nogo obrazovaniia RSFSR.
No. 1. [Mechanical Engineering, Machinery Manufacturing, Shipbuilding, Heat Engineering and Metallurgical Departments] Fakul'tety: mekhaniko-tekhnologicheskii, mashinostroitel'nyi, korabliestroitel'nyi, teploenergeticheskii, metallurgicheskii. 1960. 42 p.

[MICROFILM]

POLIVANOV, P. M. [Tables for calculating the weight of parts and materials] Tablitsy dlia podscheta vesa detalei i materialov. Izd. 5., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 261 p.

PORVATOVA, O. M. [Sanitary conditions in enterprises of the meat industry] Sanitarnyi rezhim na predpriiatiiakh miasnoi promyshlennosti. Izd. 2., perer. Moskva, Pishchepromizdat, 1961. 50 p. (Uchebnoe posobie dlia podgotovki kadrov massovykh professii)

POSPELOV, D. R. [Air-cooled internal combustion engines] Dvigateli vnutrennego sgoraniia s vozdushnym okhlazhdeniem. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 555 p.

[PRINCIPLES OF METALLURGY, in four volumes] Osnovy metallurgii; v chetyrekh tomakh. Red. kollegiia. IU. A. Bykhovskii i dr. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii.
Vol. 1. [General metallurgy] Obshchie voprosy metallurgii. Otv. red. N. S. Grolver i dr.
Pt. 1. 1961. 661 p.
Pt. 2. 1961. 780 p.

PROFSOIUZ RABOCHIKH MASHINOSTROENIIA SSSR. [Safety and sanitation regulations for electroplating shops] Pravila tekhniki bezopasnosti i proizvodstvennoi sanitarii pri proizvodstve metallopokrytii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 30 p.

PROFSOIUZ RABOCHIKH STROITEL'STVA I PROMYSHLENNOSTI STROITEL'NYKH MATERIALOV. [Collected official materials on work safety for the building materials industry] Sbornik ofitsial'nykh materialov po okhrane truda na predpriiatiiakh stroitel'nykh materialov. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 371 p.

PSHENICHNOV, G. I. [Calculation of latticed cylindrical shells] Raschet setchatykh tsilindricheskikh obolochek. Moskva, Izd-vo Akad. nauk SSSR, 1961. 110 p.

PTITSYN, G. A., and V. N. KOKICHEV. [Calculation and reconditioning of used gears] Raschet i izgotovlenie zubchatykh peredach v remontnom dele, spravochnoe posobie. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 518 p.

PUL'MANOV, N. V. [Internal-combustion engines for construction and road machinery] Dvigateli vnutrennego sgoraniia stroitel'nykh i dorozhnykh mashin. Izd. 3., dop. i perer. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 542 p.

PUSHKAREV, V. I., and A. M. SHCHEGOLEVA, comps. [English-Russian and Russian-English dictionary of building and architectural terms] Anglo-russkii i russko-angliiskii arkhitekturno-stroitel'nyi slovar'. Pod red. L. S. IAmpol'skogo. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 841 p.

RABINOVICH, Z. E., comp. [English-russian textile dictionary] Anglo-russkii tekstil'nyi slovar'. Izd. 2., perer. i dop. Pod red. K. K. Lupandina. Moskva, Glav. red. inostr. nauchno-tekhn. slovarei Fizmatgiza, 1961. 640 p.

[RAILROAD LITERATURE PUBLISHED IN THE U. S. S. R. DURING 1958] Zheleznodorozhnaia literatura SSSR 1958. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 385 p.

[RAILROAD SURVEYING AND CONSTRUCTION] Izyskaniia i postroika zheleznykh dorog. [By] M. N. Lebedev i dr. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila.
Pt. 2. [Railroad construction] Postroika zheleznykh dorog. 1961. 319 p.

RAKHMATULIN, KH. A., and IU. A. DEM'IANOV. [Effect of intense momentary loads on the strength of materials] Prochnost' pri intensivnykh kratkovremennykh nagruzkakh. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 396 p.

[RESULTS ACHIEVED AND METHODS USED IN STUDYING HYDROGEOLOGICAL AND ENGINEERING GEOLOGICAL CONDITIONS OF LARGE RESERVOIRS] Opyt i metodika izucheniia gidrogeologicheskikh i inzhenerno-geologicheskikh uslovii krupnykh vodokhranilishch. Pod red. G. S. Zolotareva, D. S. Sokolova i E. G. Chapovskogo. [Moskva] Izd-vo Mosk. univ.
Pts. 2-3. 1961. 360 p. diagrs, maps.

RODIONOV, L. E., and E. A. BUGAETS. [Surveying in open-pit mining] Marksheiderskie raboty pri otkrytykh razrabotkakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 334 p.

ROL'NIK, M. A. [Sparkproof telephone communications systems and apparatus in mines] Iskrobezopasnye sistemy i apparaty shakhtnoi telefonnoi sviazi. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 54 p.

ROMANOV, B. V., ed. [Shaping plastics] Pererabotka plasticheskikh mass; obzor. Leningrad, Leningradskii Dom nauchno-tekhn. propagandy.
Pt. 2. 1960. 67 p.

ROMANOV, V. V. [Corrosion of magnesium] Korroziia magniia. Moskva, Izd-vo Akad. nauk SSSR, 1961. 68 p.

ROSSIISKII, V. A. [Precast reinforced-concrete retaining walls] Sbornye zhelezobetonnye podpornye stenki. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 157 p.

RUBINSHTEIN, A. L. [Soil mechanics research and foundation engineering] Gruntovedenie, osnovaniia i fundamenty. Moskva, Gos. izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 311 p.

RUDAKOV, A. S. [Operation of electric welding equipment] Eksploatatsiia elektrosvarochnogo oborudovaniia; spravochnoe posobie. [Cheliabinsk] Cheliabinskoe knizhnoe izd-vo, 1961. 191 p.

RUSSIA (1917- R. S. F. S. R.) Glavnoe upravlenie po proizvodstvu elektromontazhnykh rabot. [Installation of electric cables] Montazh kabel'nykh linii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 325 p.

RUSSIA (1923- U. S. S. R.) Glavnoe energeticheskoe upravlenie. [Safety engineering regulations for operating electrical equipment in electric substations and electric power plants] Pravila tekhniki bezopasnosti pri ekspluatatsii elektroustanovok stantsii i podstantsii. Izd 13., dop. Moskva, Gos. energ. izd-vo, 1961. 94 p.

RUSSIA (1923- U. S. S. R.) Glavnoe passazhirskoe upravlenie. [Timetable of passenger trains (abbreviated), summer 1961] Raspisanie dvizhenila passazhirskikh poezdov (kratkoe), leto 1961 goda. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 259 p.

RUSSIA (1923- U. S. S. R.) Glavnoe upravlenie lokomotivnogo khoziaistva. Proektno-konstruktorskoe biuro. [Catalog of equipment for locomotive shops] Katalog oborudovaniia lokomotivnykh depo. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia.
Vol. 1. 1961. 141 p.

RUSSIA (1923- U. S. S. R.) Glavnoe upravlenie lokomotivnogo khoziaistva. [VL22^{m} electric locomotive, manual] Elektrovoz VL22^{m}, instruktsionnaia kniga. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 239 p.

RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Technical specifications SN95-60 for the manufacture and assembly of steel constructions made of carbon and low-alloyed steels] Tekhnicheskie usloviia na izgotovlenie i montazh stal'nykh konstruktsii iz uglerodistykh i nizkolegirovannykh stalei (SN 95-60). Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 45 p.

RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Technical specifications SN 153-61 for assembling steam-turbine plants, turbogenerators and turboblowers] Tekhnicheskie usloviia na montazh paroturbinnykh ustanovok, turbogeneratorov i turbovozdukhoduvok SN 153-61. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 51 p.

RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. Otdel stroitel'nykh materialov i konstruktsii. [Techniques for the manufacture of reinforced-concrete parts for series 1-335 large-panel houses] Tekhnologiia izgotovleniia zhelezobetonnykh detalei krupnopanel'nykh domov serii 1-335. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 1 v. illus.

RUSSIA (1923- U. S. S. R.) Komitet po zemlianomu polotnu. [Control of landslides, avalanches and washouts on railroads in the Caucasus, papers of a conference held in Rostov from February 1st to February 4th, 1960] Bor'ba s opolznianii, obvalami i razmyvami na zheleznykh dorogakh Kavkaza, trudy soveshchanila, provedennogo v g. Rostove s 1 po 4 fevralia 1960 g. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 166 p.

RUSSIA (1923- U. S. S. R.) Ministerstvo putei soobshcheniia. [Calibration tables for tank cars] Tablitsy kalibrovki zheleznodorozhnykh tsistern. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 214 p.

RUSSIA (1923- U. S. S. R.) Ministerstvo putei soobshcheniia. [Regulations for the current maintenance and repair of series TE3 and TE7 diesel locomotives] Pravila tekushchego remonta teplovozov serii TE3 i TE7. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 433 p.

RUTMAN, G. L. [Management of a machinery plant] Upravlenie mashinostroitel'nym zavodom. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 97 p. (Bibliotechka po zavodskoi ekonomike)

SADOVSKII, V. D., ed. [Metals and their heat treatment] Problemy metallovedeniia i termicheskoi obrabotki. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry.
No. 2. 1960. 166 p.

SAMOL', G. I., and L. I. GOL'DBLAT. [Motortrucks operated with liquified gas, manual for drivers] Gazoballonnye avtomobili, posobie shoferu. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 141 p.

SAMSONOV, G. V., and IU. B. PADERNO. [Rare-earth metal borides] Boridy redkozemel'nykh metallov. Kiev, Izd-vo Akad. nauk USSR, 1961. 92 p.

SAMYGIN-ZHEKHOV, V. A. [Collection of laboratory works for the training of motion-picture projector operators] Sbornik laboratornykh rabot dlia podgotovki kinomekhanikov. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 108 p.

SHAGIN, P. P. [Stability of frameless apartment houses made of precast elements on highly or irregularly compressed soils] Prochnost' i ustoichivost' beskarkasnykh zhilykh zdanii iz sbornykh elementov na sil'no i neravnomerno szhimaemykh gruntakh. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 119 p.

SHAKHOV, F. N. [Structures of ores] Tekstury rud. Moskva, Izd-vo Akad. nauk SSSR, 1961. 178 p.

SHAPIRO, D. K., F. F. ZAKHARICH, and M. M. GOLOMSHTOK. [Vegetable and mushroom canning at home] Konservirovanie ovoshchei i gribov v domashnikh usloviiakh. Izd. 2., perer. i dop. Minsk, Gos. izd-vo BSSR Red. nauchno-tekhn. lit-ry, 1961. 105 p.

SHCHEPETOV, A. M. [Production of local binding materials] Proizvodstvo mestnykh viazhushchikh materialov. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 112 p.

[SHEET METAL WORKING DIES, blocks, die sets and parts of indexing die sets, design and workpiece dimensions] Shtampy dlia kholodnoi shtampovki, bloki, pakety i detali paketov razdelitel'nykh shtampov. Konstruktsii i ispolnitel'nye razmery. Moskva, Gos. izd-vo standartov, 1960. 96 p. (Normali mashinostroeniia SSSR)

SHEPELEV, A. M. [Glazing] Stekol'nye raboty. Izd. 2., perer. i dop. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 187 p. (Biblioteka molodogo rabochego)

SHIFRINA, V. S., and N. N. SAMOSATSKII. [Polyethylene production and properties] Polietilen; poluchenie i svoistva. Pod red. S. V. Shchutskogo. Izd. 3., dop. i ispr. Leningrad, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1961. 174 p. (Novye plasticheskie massy)

SHISHAKOV, N. A. [Principles of structure analysis] Osnovnye poniatiia strukturnogo analiza. Moskva, Izd-vo Akad. nauk SSSR, 1961. 363 p.

SHISHKIN, V. N. [Reconnaissance of triangulation stations] Rekognostsirovka punktov triangulatsii. Izd. 3., Moskva, Izd-vo geodez. lit-ry, 1961. 80 p.

SHNEEROV, IA. A., ed. [Converting phosphorus cast iron in open-hearth furnaces] Peredel fosforistykh chugunov v martenovskikh pechakh. Moskva, Gos. nauchno-tekhn. izd-vo po chernoi i tsvetnoi metallurgii, 1961. 256 p.

SHTEINBERG, S. S. [Physical metallurgy] Metallovedenie. Izd. perer. i dop. Pod red. I. N. Bogacheva i V. D. Sadovskogo. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii. Sverdlovskoe otd-nie, 1961. 598 p.

SHTERNOV, M. M. [Roll-groove design for rolling angle steel] Kalibrovka uglovoi stali. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 54 p. (Obmen peredovym opytom)

SHUL'MEISTER, M. V. [Monotype, arrangement and operation of typecasting composing machines in two volumes] Monotip; ustroistvo i ekspluatatsiia bukvootlivnykh nabornykh mashin v dvukh knigakh. Moskva, Gos. izd-vo "Iskusstvo,"

Book. 1. [Design of composing punching machines] Konstruktsiia naborno-perforirushchei mashiny. 1961. 304 p.

——— Shul'meister, M. V., and M. D. Brilliant, comps. [List of specifications of parts of composing-punching machines] Spetsifikatsiia-ukazatel' detalei naborno-perforirushchikh mashin. 72 p.

SHVARTSMAN, G. M. [Production of particle board] Proizvodstvo drevesno-struzhechnykh plit. Moskva, Goslesbumizdat, 1961. 178 p. (DA)

SIMONENKO, P. K., and others. [Handbook for road construction engineers] Spravochnik inzhenera, mekhanika, dorozhnika. Moskva, Nauchno-tekhn. izd-vo M-va Avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 375 p.

SITNIKOV, O. S. [Multipurpose attachments with interchangeable parts used in piece and small-lot manufacture of machinery] Universal'no-sbornye prisposobleniia v edinichnom i melkoseriinom mashinostroenii. Minsk, Gos. izd-vo BSSR Red. nauchno-tekhn. lit-ry, 1961. 91 p.

SKOCHINSKII, A. A., ed. [Air and ventilation of mines. Control of dust, gases, and fires. Mine rescue operations] Rudnichnaia atmosfera i ventiliatsiia. Bor'ba s pyl'iu, gazami i pozharami. Gornospasatel'noe delo. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po ugol'noi promyshl., Ugletekhizdat, 1959. 375 p. (DI)

SLIPCHENKO, D. T. [Helicopters in the national economy] Vertolety v narodnomu khoziaistvi. Kyiv, 1961. 46 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 7, no. 3)

SMIRNOV, A. S. [Engineering efficiency of parts used in the manufacture of instruments] Tekhnologichnost' detalei v priborostroenii. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 254 p.

SMIRNOV, V. S., V. D. DURNEV, and N. P. KASHEVSKII. [Longitudinal rolling of periodic shapes] Prodol'naia periodicheskaia prokatka. Pod red. V. S. Smirnova. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 254 p.

SMOLDYREV, A. E. [Design of a mine pipeline conveying system] Raschet rudnichnogo truboprovodnogo transporta; k nauchnym osnovam truboprovodnogo transporta. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 58 p.

[SOVIET MAN IN SPACE] Sovetskii chelovek v kosmose; sbornik. Moskva, Izd-vo "Znanie," 1961. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 9, Fizika i khimiia, no. 9)

[STEEL WIRE] Provoloka stal'naia. Izd. ofitsial'noe. Moskva, Gos. izd-vo standartov, 1961. 254 p. (SSSR. Gosudarstvennye standarty)

STEFANOVICH, T. KH. [Magnetic amplifiers for the automation of industrial systems] Magnitnye usiliteli dlia avtomatizatsii promyshlennykh ustanovok. Moskva, Gos. energ. izd-vo, 1961. 247 p.

TIUTIN, I. A. [Electromagnetic pumps for liquid metals] Elektromagnitnye nasosy dlia zhidkikh metallov. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1959. 113 p. tables (in pocket) (RPB)

TOLOKONNIKOV, L. S. [Calculation and design of electric furnace components] Raschet i konstruirovanie mekhanizmov elektricheskikh pechei. Moskva, Gos. energ. izd-vo 1961. 238 p.

[TRIMMINGS AND ACCESSORIES FOR DRESSES] Otdelki k plat'iam. Minsk, Gos. izd-vo BSSR, Red. nauchno-tekhn. lit-ry, 1961. 133 p.

TSENTRAL'NAIA STANTSIIA IUNYKH TEKHNIKOV, Moscow. [Automatic device for winding coils] Avtomaticheskii stanok dlia namotki katushek. [Moskva] Izd-vo "Detskii mir," 1961. 1 fold. l. (Prilozhenie k zhurnalu "IUnyi tekhnik," no. 15(105))

TSENTRAL'NAIA STANTSIIA IUNYKH TEKHNIKOV, Moscow. [Laboratory for the processing of motion-picture films] Kino; laboratoriia na stole. [Moskva] Izd-vo "Detskii mir." (Prilozhenie k zhurnalu "IUnyi tekhnik," no. 18(108))
No. 1. 1961. 1 fold. l.

TSENTRAL'NAIA STANTSIIA IUNYKH TEKHNIKOV, Moscow. [Model vending machines] Modeli-avtomaty [Moskva] Izd-vo "Detskii mir," (Prilozhenie k zhurnalu "IUnyi tekhnik," no. 16(106))
No. 3. 1961. 1 fold. l.

TSENTRAL'NYI INSTITUT NAUCHNO-TEKHNICHESKOI INFORMATSII MASHINOSTROENIIA. [Bicycles and motorcycles, catalog] Velosipedy i mototsikly, katalog. Moskva, 1960. 159 p.

TSESEVICH, V. P. [The path into space is open] Put' v kosmos otkryt. Pod red. A. F. Bogorodskogo. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 20 p.

TSIPORIN, IU. A., and IU. I. KUSNETSOV. [Fundamentals for designing pneumatic and hydraulic attachments] Osnovy konstruirovaniia pnevmaticheskikh i gidravlicheskikh prisposoblenii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 350 p.

UNKSOV, E. P., ed. [Present state of the forging industry] Sovremennoe sostoianie kuznechno-shtampovochnogo proizvodstva [By] Kollektiv sovetskikh i chekhoslovatskikh avtorov. Moskva, Mashgiz; Prague, SNTL, 1961. 434 p.

URAL'SKII AVTOMOBIL'NYI ZAVOD IMENI V. I. STALINA. [Catalog of spare parts for the ZIS-5, UralZIS-355, UralZIS-355B and UralZIS-355M motortrucks] Katalog zapasnykh chastei avtomobilei ZIS-5, UralZIS-355, UralZIS-355B i UralZIS-355M. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 354 p.

[USE OF COLD-CATHODE TUBES IN NUCLEAR PHYSICS, ELECTRONICS, AND AUTOMATIC CONTROL] Primenenie lamp s kholodnym katodom v iadernoi fizike, elektronike i avtomatike. Moskva, 1960 [16] p.

[MICROFILM]

USHAKOV, S. S. [Advantages of electric and diesel traction] Preimushchestva elektricheskoi i teplovoznoi tiagi. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 45 p. (V pomoshch' izuchaiushchim ekonomiku zheleznodorozhnogo transporta)

VAKSER, D. B. [Internal grinding] Vnutrennee shlifovanie. Pod obshchei red. G. F. Kudasova. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 64 p. (Bibliotechka shlifovshchika, no. 3)

VALITOV, R. A., ed. [Measurement of transistor parameters] Izmerenilia parametrov poluprovodnikovykh triodov. Khar'kov, Izd-vo Khar'kovskogo Gos. univ., im. A. M. Gor'kogo, 1960. 193 p.

VAZHNOV, A. I., IU. A. ROZOVSKII, and P. Z. SALITA. [Electrodynamic model of power systems] Elektrodinamicheskaia model' energosistem. Moskva, Gos. energ. izd-vo, 1961. 112 p.

[MICROFILM]

VEINBERG, K. L., and others. [Equipment for glass plants] Oborudovanie stekol'nykh zavodov. Pod red. M. I. Roznikova. Izd. 2., ispr. i dop. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 618 p.

VINOGRADOV, N. V. [Electric machinery armature winder] Obmotchik elektricheskikh mashin. Izd. 4., perer. i dop. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 349 p.

VISHNEVETSKII, A. I., and I. S. SERGIENKO. [Parametron; new switching elements] Parametron; novye perekliuchatel'nshchie elementy. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 66 p.

V'IUSOVA, A. K., IA. A. EVIN, and N. L. ZYKOV. [Compiling and using regular price lists in public dining enterprises; from the work practice of the restaurant trust of Kirov District, Leningrad] Razrabotka i primenenie preiskurantov postoiannogo deistvuiushchikh tsen v predpriiatiiakh obshchestvennogo pitaniia, iz opyta raboty tresta stolovykh Kirovskogo raiona Leningrada. Moskva, Gos. izd-vo torg. lit-ry, 1961. 21 p.

VLASOV, A. F. [Removing dust and chips in machining brittle materials] Udalenie pyli i struzhki pri obrabotke khrupkikh materialov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 130 p.

VODOLAZHCHENKO, IU. T. [Brief manual on the DT-54A tractor] Kratkii spravochnik po traktoru DT-54A. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 198 p.

VOL'FSON, F. I. [What are ore deposits, where and how should prospecting be conducted] Chto takoe rudnye mestorozhdeniia, gde i kak ikh iskat'. Izd. 2. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1959. 70 p. (Bibliotechka uchastnika geologicheskogo pokhoda)

VOLKOV, P. V. [Arrangement and operation of mechanical looms for the cotton weaving industry] Ustroistvo i obsluzhivanie mekhanicheskikh tkatskikh stankov khlopchatobumazhnoi promyshlennosti. Izd. 3., ispr. i dop. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1960. 130 p. (Uchebniki i uchebnye posobiia dlia podgotovki rabochikh massovykh professii)

VORONIN, V. N., L. D. VORONINA, and A. D. BAGRINOVSKII. [Manual on the designing and practical realization of anti-dust ventilation systems in metalliferous mines] Rukovodstvo po proektirovaniiu i prakticheskomu osushchestvleniiu protivopylevykh ventiliatsionnykh rezhimov v metallicheskikh rudnikakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 201 p.

VORONOV, P. O. [The URB-VP diamond boring machine] Almazno-rastochnoi stanok URB-VP. Moskva, Izd-vo M-va sel'khoz. RSFSR, 1961. 79 p.

VORONTSOV, O. S. [Elevators, granaries, and grain processing enterprises] Elevatory, sklady i zernopererabatyvaiushchie predpriiatiia. Pod red. O. D. Shumskogo i P. P. Tarutina. Moskva, Izd-vo tekhn. i ekon. lit-ry po voprosam khleboproduktov, 1. Pt. 1. [Types, constructional features and operation] Tipy i konstruktsii sooruzhenii i ikh ekspluatatsiia. 1961. 269 p.

VOSOZHENKIN, D. I., ed. [Operations and maintenance of electric locomotives] Ekspluatatsiia i obsluzhivanie elektrovozov postoiannogo toka. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 311 p.

VOSTOKOV, A. I., and I. P. LEPESHKIN. [Manufacture of beet sugar] Proizvodstvo sakhara iz svekly. Izd. 2. Moskva, Pishchepromizdat. (Biblioteka molodogo rabochego)
No. 5. [Boiling, crystallizing, and bleaching the massecuite, and producing the granulated sugar] Varka, kristallizatsiia, proiavka utfelei i polucheniie sakhara-peska. 1960. 103 p.

VSESOIUZNOE NAUCHNO-TEKHNICHESKOE SOVESHCHANIE PO DEGAZATSII UGOL'NYKH PLASTOV, Stalino, 1959. [Draining-out gases from coal seams; transactions] Degazatsiia ugol'nykh plastov, trudy. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 372 p.

VSESOIUZNOE NAUCHNO-TEKHNICHESKOE SOVESHCHANIE PO VODOZABORNYM SOORUZHENIIAM I RUSLOVYM PROTSESSAM. [Transactions of the All Union Scientific-Technological Conference on Water Intakes and River Bed Evolution] Trudy, posviashchaetsia 40-letiiu Sovetskoi vlasti i sozdaniia kompartii Gruzii. Tbilisi, Gruzinskii nauchno-issl. in-t gidrotekhniki i melioratsii Gruzniigim.
Vol. 2. 1960. 214 p.

VYDRIN, A. I., and M. Z. GAMUS. [Partial mechanization and automation in assembly shops] Malaia mekhanizatsiia i avtomatizatsiia v sborochnom tsekhe. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 104 p.

WANG CH'UAN-SHAN, SA CHIH-T'AN, and WU CH'I-HSIEN. [Contactless complex remote control system] Besskontaktnaia kompleksnaia sistema telemekhaniki. Moskva, 1960. 6 p. (International Federation of Automatic Control, 1st International Congress, Moscow, 1960 [Doklady, no. 36])
[MICROFILM]

WERNICKE, WALTER. [Baking, theory and practice of the baking of bread and other products. Translated from the German] Khlebopechenie, teoriia i praktika prigotovleniia khleba i khlebnykh izdelii. Izd. 2., perer. Moskva, Pishchepromizdat, 1960. 347 p.
(DA)

ZAIDEL', V. A., ed. [Handbook for the installation of heat engines and related equipment] Spravochnik po montazhu teplomekhanicheskogo oborudovaniia. Izd. 2., perer. Moskva, Gos. energ. izd-vo, 1960. 560 p.
[MICROFILM]

ZAK, L. A., and V. V. CHIBISOV. [Test programs for the BESM-2 computer] Testovye programmy dlia mashiny BESM-2. Moskva, Vychislitel'nyi tsentr AN SSSR, 1961. 24 p.

ZAKHARENKO, S. E., ed. [Piston compressors] Porshnevye kompressory. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 454 p.

ZARUBALV, N. V. [From Volkhovstroi to power plants] Ot Volkhovstroia i gigantam energetiki. [Leningrad] Lenizdat, 1960. 115 p.

ZARUBIN, V. A. [Care of young wine, secondary processes of wine making] Ukhod za molodym vinom, vtorichnoe vinodelie. Izd. 2. Moskva, Pishchepromizdat, 1961. 78 p. (Biblioteka molodogo rabochego)

ZAVODCHIKOV, D. A. [Hoisting machinery] Gruzopod"emnye mashiny. Izd. 2., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 312 p.

ZFLIGER, N. B. [Course on telegraphy] Kurs telegrafii. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio
Pt. 1. [Principles of telegraphy and teletype apparatus] Osnovy telegrafii i stanki telegrafnye apparaty. 1961. 198 p.

ZELIKIN, M. B. [Manufacture of caustic soda by chemical processes] Proizvodstvo kausticheskoi sody khimicheskim sposobami. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1961. 231 p.

ZIL'BERSHTEIN, S. I. [Gas-turbine manufacture in the U. S. A., features of present-day designs and economics] Parotorostroenie v SShA, voprosy sovremennykh konstruktsii i ekonomiki. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 108 p.

ZUEV, I. I. [Equipment for areas used for training in track laying] Oborudovanie uchebnogo poligona zheleznodorozhnogo puti. Moskva, Vses. uchebno-pedagog. izd-vo. Profizdat, 1961. 88 p. (Literatura po oborudovaniiu uchebnykh kabinetov)

17. MILITARY & NAVAL SCIENCES

AZHAZHA, V. G. ["Severianka" leaves for the ocean] "Severianka" ukhodit v okean. Moskva, Gos. izd-vo geogr. lit-ry, 1961. 111 p. (Puteshestviia, pukhuchenila, fantastika)

BYKOV, V. I., and IU. I. NIKITENKO. [Phase radio navigation system, Decca-Navigator] Fazovaia radionavigatsionnaia sistema "Delka-Navigator." Moskva, Izd-vo "Morskoi transport," 1961. 150 p. (Biblioteka sudovoditelei morskogo flota)

EFREMOV, A. E. [The real nature of "limited" wars] Za shirmoi "ogranichennykh" voin. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 82 p.

ELISEEV, THEODORE. [In the shrine of battle glory, the Cossack detachments on the Caucasian Front from 1914 to 1917 and our regiment] V khrame voiskovoi slavy, kazach'i chasti na kavkazskom fronte v 1914-1917 gg. i nash polk. New York, 1956-60. 13 nos. in 1 v.
(NN)

ELYSLEV, THEODORE. [Our regiment during the revolution in 1917-1918] Nash polk v mesiatsy revoliutsii 1917-1918 godov, prodolzhenie broshiur "V khrame voiskovoi slavy." New York, 1961. 5 nos. bd. in 1 v.
(NN)

GLOZMAN, M. K., and V. F. SOKOLOV. [Building a ship hull on slipways] Postroika korpusa sudna na stapele. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 195 p.

GOFMAN, E. A., and others, comps. [German-Russian dictionary of armored force terms] Nemetsko-russkii avtobronetankovyi slovar'. Pod red. B. O. Berzina. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 487 p.

IVANOV, P. I. [Book of problems on engineering mechanics for ship captains] Zadachnik po tekhnicheskoi mekhanike dlia sudovoditelei. Izd. 2., dop. i perer. Moskva, Izd-vo "Morskoi transport," 1961. 159 p.

JOHNS HOPKINS UNIVERSITY. Operations Research Office. [Biological effects of whole-body gamma radiation on human beings. Translated from the English] Biologicheskie posledstviia obshchego gamma-oblucheniia cheloveka. Pod red. M. F. Popovoi. Moskva, Atomizdat, 1960. 107 p.
(CU)

KRASIL'NIKOV, F. P. [Installation of electric lighting equipment on ships] Montazh sudovogo osvetitel'nogo elektrooborudovaniia. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 143 p.

MEZHDUNARODNAIA KNIGA. [Soviet books on river transportation to be published in 1961] Sovetskie knigi po rechnomu transportu na 1961 g. Moskva, [1960] 71 p. (Katalog dlia zarubezhnoi, no. 14)

MIL'SHTEIN, M. A., and A. K. SLOBODENKO. [On bourgeois military science] O burzhuaznoi voennoi nauke. Izd. 2., perer. i dop. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 301 p.

OLF'INIK, V. P. [Brief theory of navigational aids] Kratkaia teoriia elektronavigatsionnykh priborov. Moskva, Izd-vo "Morskoi transport," 1961. 105 p.

OPARIN, V. G. [One against six] Odin protiv shesti. Petrozavodsk, Gos. izd-vo Karel'skoi ASSR, 1961. 50 p.

PAVLENKO, G. E., V. A. STEPANOV, and O. G. DUDCHENKO. [Determining ship elements for propulsion on canals at supercritical speeds] Opredelenie elementov sudov dlia dvizheniia na kanalakh so sverkhkriticheskimi skorostiami. Kiev, Izd-vo Akad. nauk USSR, 1961. 28 p.

PETROVSKII, N. V. [Marine internal-combustion engines] Sudovye dvigateli vnutrennego sgoraniia. Izd. 2., perer. i dop. Moskva, Izd-vo "Morskoi transport," 1958. 436 p.

PISAREV, V. A. [Radiooborudovanie morskikh sudov. Leningrad, Izd-vo "Morskoi transport," 1961. 251 p.

RUSSIA (1923- U. S. S. R.) Gidrometeorologicheskoe upravlenie. [Tables of the time and level of high and low waters for 1960, White Sea] Tablitsy vremeni i vysot polnykh i malykh vod na 1960 g., Belое more. Leningrad, Gidrometeor. izd-vo, 1960. 31 p.

SACHKOVSKII, G. S. [Theory and practice of small boat handling] Teoriia i praktika upravleniia shlupkoi. Izd. 2., isp. i perer. Moskva, Izd-vo "Morskoi transport," 1961. 154 p.

SEGAL', V. F. [Diploma project on the course in the structural engineering of ships] Kursovoe proektirovanie po stroitel'noi mekhanike korablia. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 131 p.

TSURBAN, A. I. [Handbook of a boatswain in the merchant marine] Spravochnik botsmana morskogo flota. Leningrad, Izd-vo "Morskoi transport," 1961. 165 p.

VIKTOROV, Z. F., and G. M. MIKHAILOV. [Navies of the United States and Great Britain] Voenno-morskie floty SShA i Velikobritanii. Leningrad, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, 1961. 81 p.

ZUDKIN, A. S., and V. A. MEDVEDEV. [Radioactive cloud and protection against it] Radioaktivnoe oblako i zashchita ot nego. Moskva, Izd-vo DOSAAF, 1961. 65 p.

PART B—PERIODICALS

An asterisk (*) appearing before a periodical title indicates that it is available in full English translation. For publishers of such translated periodicals, their subscription prices, etc., see listing at end of this issue.

1. GENERAL

a. SCHOLARLY JOURNALS

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Izvestiia. Obshchestvennye nauki [ACADEMY OF SCIENCES OF THE ARMENIAN S.S.R. Bulletin. Social Sciences]. Erivan, no.5, May 1961. [In Russian or Armenian.]

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Izvestiia. Seriia fiziko-matematicheskikh i tekhnicheskikh nauk [ACADEMY OF SCIENCES OF THE AZERBAIJAN S.S.R. Bulletin. Series in the Physical, Mathematical, and Technological Sciences] Baku, no 6, 1960.

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Izvestiia. Seriia obshchestvennykh nauk [ACADEMY OF SCIENCES OF THE AZERBAIJAN S.S.R. Bulletin. Series in the Social Sciences]. Baku, nos.4-5, 1961. [In Russian or Azerbaijani with summaries in the other language.]

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. Soobshcheniia [ACADEMY OF SCIENCES OF THE GEORGIAN S.S.R. Reports]. Tiflis, vol.26, nos.4-5, Apr.-May 1961.

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. Soobshcheniia [ACADEMY OF SCIENCES OF THE GEORGIAN S.S.R. Reports]. Tiflis, vol.27, no.3, 1961. [In Georgian.]

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. IUgo-Osetinskii nauchno-issledovatel'skii institut. Izvestiia [ACADEMY OF SCIENCES OF THE GEORGIAN S.S.R. South Ossetian Scientific Research Institute. Bulletin]. Stalinir, no.10, 1960.

AKADEMIIA NAUK KIRGIZSKOI SSR, Frunze. Izvestiia. Seriia estestvennykh i tekhnicheskikh nauk [ACADEMY OF SCIENCES OF THE KIRGHIZ S.S.R. Bulletin. Series in the Natural and Technological Sciences]. Frunze, vol.2, no.4, 1960.

AKADEMIIA NAUK SSSR. Vestnik [ACADEMY OF SCIENCES OF THE U.S.S.R. Journal]. Moscow, vol.31, no.8, Aug. 1961.

AKADEMIIA NAUK SSSR, Sibirskoe otdelenie. Izvestiia [ACADEMY OF SCIENCES OF THE U.S.S.R. Siberian Branch. Bulletin]. Novosibirsk, nos.7-8, 1961.

AKADEMIIA NAUK TADZHIKSKOI SSR, Stalinabad. Otdelenie geologo-khimicheskikh i tekhnicheskikh nauk. Izvestiia [ACADEMY OF SCIENCES OF THE TAJIK S.S.R. Department of Geological, Chemical, and Technological Sciences. Bulletin]. Stalinabad, no.1, 1959.

ARCHANGEL. GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. Sbornik trudov [STATE PEDAGOGICAL INSTITUTE. Collected Papers]. No.3, 1959.

BAKU. AZERBAIDZHANSKII GOSUDARSTVENNYI ZAOCHNYI PEDAGOGICHESKII INSTITUT. Trudy [AZERBAIJAN STATE CORRESPONDENCE PEDAGOGICAL INSTITUTE. Transactions], Vol.6, 1959. [In Russian and Azerbaijani.]

KHARKOV. UNIVERSITET. Uchenye zapiski [UNIVERSITY. Studies]. Vol. 59, 1955.

KIEV. UNIVERSYTET. Naukove students'ke tovarystvo. Visnyk [UNIVERSITY. Student Scholarly Society. Review]. No.1, pt.1, 1960. [In Ukrainian.]

KUYBYSHEV. GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. Uchenye zapiski [STATE PEDAGOGICAL INSTITUTE. Studies]. No.29. 1959.

LENINGRAD. UNIVERSITET. Vestnik [UNIVERSITY. Review].
Vol.16, no.16, 1961. Seriia fiziki i khimii [Series in Physics and Chemistry], no.3. [With summaries in English.]
Vol.16, no.17, 1961. Seriia ekonomiki, filosofii i prava [Series in Economics, Philosophy, and Law], no.3. [With summaries in English.]

LVOV. DERZHAVNYI PEDAGOGICHNYI INSTYTUT. Naukovi zapysky [STATE PEDAGOGICAL INSTITUTE. Studies]. Vol.16, 1960.

LYSTY DO PRYIATELIV. LETTERS TO FRIENDS. Newark, N.J., vol.9, no.7/8(101/102), July-Aug. 1961. [In Ukrainian.]

MARY. ZHENSKII GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. Uchenye zapiski [STATE PEDAGOGICAL INSTITUTE FOR WOMEN. Studies]. No.2, 1957. [In Turkmen and Russian.]

OBSHCHESTVENNYE NAUKI V UZBEKISTANE [SOCIAL SCIENCES IN UZBEKISTAN]. Issued by Akademiia nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S.S.R.]. Tashkent, no.6, 1961. [In Russian or Uzbek with summaries in the other language.]

PETROZAVODSK. KAREL'SKII PEDAGOGICHESKII INSTITUT. Uchenye zapiski [KARELIAN PEDAGOGICAL INSTITUTE. Studies]. Vol.10, 1960.

SARANSK. MORDOVSKII GOSUDARSTVENNYI UNIVERSITET. Uchenye zapiski [MORDVINIAN STATE UNIVERSITY. Studies]. No.11, 1960.
Contents: Safargaliev, M.G. [Disintegration of the Golden Horde] Raspad Zolotoi Ordy. 274 p.

SARANSK. NAUCHNO-ISSLEDOVATEL'SKII INSTITUT IAZYKA, LITERATURY, ISTORII I EKONOMIKI. Zapiski [SCIENTIFIC RESEARCH INSTITUTE OF LANGUAGE, LITERATUREK HISTORY, AND ECONOMICS. Records]. No.18, 1958.

TOMSK. UNIVERSITET. Uchenye zapiski [UNIVERSITY. Studies]. No.37, 1959.

ULAN-UDE. BURIATSKII KOMPLEKSNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT. Trudy [BURYAT SCIENTIFIC RESEARCH INSTITUTE. Transactions]. No.1, 1959.

b. POPULAR MAGAZINES

AMERIKA; illiustrirovannyi zhurnal [AMERICA ILLUSTRATED]. Published by the United States Information Agency. Washington, D.C., nos.60-61, [1961].

BARVINOK [PERIWINKLE]. Issued by TSentral'nyi komitet Leninskoho komunistychnoho soiuzu molodi Ukrainy and Respublikans'ka rada Vsesoiuznoi pioners'koi organizatsii imeni V.I. Lenina [Central Committee of the Ukrainian Communist Youth of Lenin and the Republican Council of the All-Union Lenin Pioneers]. Kiev, no.10, Oct. 1961. [In Ukrainian.]

BELARUS' [WHITE RUSSIA]. Organ of Saiuz pis'mennikau BSSR [Association of Writers of the White Russian S.S.R.]. Minsk, vol.18, no.9(205), Sep. 1961 [In White Russian.]

BIAROZKA [THE LITTLE BIRCH]. Issued by TSentral'ny kamitet Leninskaha komunistychnaha saiuza moladzi Belarusi and Respublikanki Savet pianerskai arganizatsyi imia V.I. Lenina [Central Committee of the White Russian Communist Youth League of Lenin and the Republican Council of Lenin Pioneers]. Minsk, vol.37, no.9, Sep. 1961. [In White Russian.]

KAPKAN; Chuvashskii satiricheskii zhurnal [TRAP; Chuvash Satirical Magazine]. Cheboksary, vol.21, no.17(362), Sep. 1961. [In Chuvash.]

KHORPUSHTAK [HEDGEHOG]. Stalinabad, nos.7(99)-8(100), July-Aug. 1961. [In Tajik.]

KITAI [CHINA]. Published by Izdatel'stvo literatury na inostrannykh iazykakh [Publishing House for Literature in Foreign Languages]. Peiping, no.9, 1961.

KOSTER [CAMP FIRE]. Issued by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin] and others. Leningrad, no.9, Sep. 1961.

KROKODIL [CROCODILE]. Issued by gazeta [Newspaper] "Pravda." Moscow, vol.40, nos.25(1039)-27(1041), Sep.-Oct. 1961.

KYIV [KIEV]. Published by Bohdan Romanenchuk. Philadelphia, vol.12, no.4(67), July-Aug. 1961. [In Ukrainian.]

MĚDENIET ZHENE TURMYS [CULTURE AND LIFE]. Issued by Ministerstvo kul'tury Kazakhskoi SSR [Ministry of Culture of the Kazakh S.S.R.]. Alma-Ata, no.8, Aug. 1961. [In Kazakh.]

MURZILKA [TINY TO'T]. Issued by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi and TSentral'nyi sovet Vsesoiuznoi pionerskoi organizatsii imeni V.I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the V.I. Lenin All-Union Pioneer Organization]. Moscow, no.9, Sep. 1961.

MUSHTUM [PUNCH]. Tashkent, vol.39, nos.13(607)-17(611), July-Sep. 1961. [In Uzbek.]

MY I SVIT. WE AND THE WORLD. Toronto, vol.12, no.84, Aug.-Sep. 1961. [In Ukrainian.]

NOVOSTI KOREI [NEWS OF KOREA]. Issued by TSentral'noe telegrafnoe agentstvo Korei [Central Telegraph Agency of Korea]. Pyongyang, vol.4, nos.18-19, 21, June-July 1961.

OGONEK [THE LITTLE LIGHT]. Moscow, vol.39, nos.24(1773)-26(1775), 32(1781)-35(1784), 39(1788), June, Aug., Sep. 1961.

OVYD. HORIZON. Published by Mykola Denysiuk Publishing Co. Chicago, vol.12, no.7(118), Aug.-Sep. 1961. [In Ukrainian.]

PERETS' [PEPPER]. Issued by Vydavnytstvo [Publishing House] "Radians'ka Ukraina." Kiev, vol.21, nos.17(460)-18(461), Sep. 1961. [In Ukrainian.]

PIONER [PIONEER]. Issued by the Central Committee of the Kazakhstan Communist Youth League of Lenin. Alma-Ata, vol.21, no.4, Apr. 1959. [In Kazakh.]

PIONER [PIONEER]. Issued by the Central Committee of the Turkmenistan Communist Youth League of Lenin. Ashkhabad, no.8, Aug. 1961. [In Turkmen.]

PIONER [PIONEER]. Issued by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi and TSentral'nyi sovet Vsesoiuznoi pionerskoi organizatsii imeni V.I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the All-Union Lenin Pioneers]. Moscow, vol.38, no.9, Sep. 1961.

PIONERIIA [PIONEERS]. Issued by TSentral'nyi komitet lenins'koho komunistychnoho soiuza molodi Ukrainy and Respublikans'koi Rady Vsesoiuznoi pioners'koi organizatsii imeni V.I. Lenina [Central Committee of the Ukrainian Communist Youth League of Lenin and the Republic Council of the All-Union Lenin Pioneers]. Kiev, vol.38, no.10(455), Oct. 1961. [In Ukrainian.]

RABOCHE-KRESTIANSKII KORRESPONDENT [WORKERS' AND PEASANTS' CORRESPONDENT]. Published by Izd-vo [Publishing House] "Pravda." Moscow, no. 9, Sep. 1961.

RODINA [OUR COUNTRY]. Issued by Komitet za vozvrashcheniie na Rodinu i nazvitie kul'turnykh sviazei s sootechestvennikami [Committee for Repatriation and Development of Cultural Relations with our Countrymen]. Berlin, vol 3, no 4(13), July-Aug. 1961.

RODNYE DALI [BELOVED VISTAS]. Hollywood, Calif , no. 91, Oct. 1961.

SAMOSTIINA UKRAINA. INDEPENDENT UKRAINE. Published by TSentral'na uprava Organizatsii derzhavnoho vidrodzhennia Ukrainy [Central Administration of the Organization for the Rebirth of Ukraine]. Chicago, vol.14, no 9(151), Sep. 1961. [In Ukrainian.]

SKYNTEIA LENINISTE [LENINIST SPARK]. Issued by Moldavian Communist Youth League of Lenin Kishinev, vol.31, no.9, Sep. 1961 [In Moldavian]

SOTSIALISTYCHNA KUL'TURA [SOCIALIST CULTURE]. Organ of Ministerstvo kul'tury URSR [Ministry of Culture of the Ukrainian S.S.R.]. Kiev, no.8, Aug. 1961. [In Ukrainian.]

SVOBODNOE SLOVO; ezhemesiachnyi karpato-russkii zhurnal [FREE WORD, Carpatho-Russian Monthly]. Newark, vol.3, no.5/6(29/30), May-June 1961.

TOČIIKISTON [TAJIKISTAN] Stalinabad, vol.6, nos.7-8, July-Aug. 1961. [In Tajik.]

URAL'SKII SLEDOPYT [URAL PATHFINDER]. Issued by Sverdlovskoe otdelenie Soiuza pisatelei and Sverdlovskii obkom VLKSM [Sverdlvosk Branch of the Association of Writers and the Sverdlovsk Province Committee of the All-Union Communist Youth League of Lenin]. Sverdlovsk, no.8, Aug. 1961.

V'ETNAM [VIETNAM]. Hanoi, Vietnam, nos. 7(34)-8(35), 1961.

VOZHYK [HEDGEHOG]. Issued by TSentral'ny kamitet Komunistychnai partyi Belarusi [Central Committee of the Communist Party of White Russia]. Minsk, vol.21, nos.17(519)-18(520), Sep. 1961. [In White Russian]

VSESVIT. THE WORLD. Issued by Spilka pys'mennykiv Ukrainy and Ukrains'ke tovarystvo druzhby i kul'turnoho zv'iazku z zarubizhnymy krainamy [Association of Writers of the Ukraine and the Ukrainian Society for Friendship and Cultural Relations with Foreign Countries]. Kiev, vol.4, nos.8(38)-9(39), Aug.-Sep. 1961. [In Ukrainian]

VYZVOL'NYI SHLIAKH [LIBERATION PATH]. London, vol.8(14), no.9/93(167), Sep. 1961. [In Ukrainian.]

ZA SYNIM OKEANOM [BEYOND THE BLUE OCEAN]. New York, vol.3, no.5, Aug.-Sep. 1961. [In Ukrainian.]

ZHIZN' GLUKHIKH [LIFE OF THE DEAF]. Issued by Vsesoiuznoe obshchestvo glukhikh [All-Russian Society of the Deaf]. Moscow, vol.14, no.9, Sep. 1961.

ZHIZN' SLEPYKH [LIFE OF THE BLIND]. Organ of TSentral'noe pravlenie Vsesoiuznogo obshchestva slepykh [Central Administration of the All-Russian Society of the Blind]. Moscow, vol.38, no.9, Sep. 1961.

2. BIBLIOGRAPHY

a. BIBLIOGRAPHY

BIBLOS, ZHURNAL UKRAINS'KOI BIBLIOGRAFII [JOURNAL OF UKRAINIAN BIBLIOGRAPHY]. New York, vol.7, nos.9(77)-10(78), Sep.-Oct. 1961. [In Ukrainian.]

INFORMATSIONNYI UKAZATEL' BIBLIOGRAFICHESKIKH SPISKOV I KARTOTEK, SOSTAVLENNYKH BIBLIOTEKAMI SOVETSKOGO SOIUZA [INFORMATION INDEX OF BIBLIOGRAPHICAL LISTS AND CARD FILES, COMPILED BY THE LIBRARIES OF THE SOVIET UNION]. Issued by Gosudarstvennaia biblioteka SSSR [State Library of the U.S.S.R.]. Moscow, nos.16-17, Aug.-Sep. 1961.

KNIZHNAIA LETOPIS' [BOOK CHRONICLE]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos.36-38, 1961.

LETOPIS' GAZETNYKH STATEI [CHRONICLE OF NEWSPAPER ARTICLES]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, no.8, 1961. Vspomogatel'nye ukazateli k nos.4-6 za 1961 god [Indexes to nos.4-6 for 1961].

LETOPIS' ZHURNAL'NYKH STATEI [CHRONICLE OF PERIODICAL ARTICLES]. Published by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos. 35-11, 1961, Vspomogatel'nye ukazateli k nos 14-26 za 1961 god [Indexes to nos.14-26 for 1961].

MOSCOW. PUBLICHNAIA BIBLIOTEKA. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I.Lenina Serlia 2 Biologicheskie, meditsinskie i sel'skokhoziaistvennye nauki [PUBLIC LIBRARY. Information Bulletin of New Foreign Books, Received by the Lenin Library Series 2 Biological, Medical, and Agricultural Sciences]. Nos.25-27, 1961.

MOSCOW. PUBLICHNAIA BIBLIOTEKA. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I.Lenina. Serlia 3: Obshchestvennye nauki, khudozhestvennaia literatura, iskusstvo [PUBLIC LIBRARY. Information Bulletin of New Foreign Books, Received by the Lenin Library, Series 3 Social Sciences, Belles-Lettres, Art]. Nos.25-27, 1961.

NOVI KNYHY URSR [NEW BOOKS OF THE UKRAINIAN S.S.R.]. Issued by Knyzhkova palata URSR [Book Chamber of the Ukrainian S.S.R.]. Kiev, nos.15-18, Aug.-Sep. 1961. [In Ukrainian.]

NOVYE KNIGI [NEW BOOKS]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos.37-40, Sep.-Oct. 1961.

NOVYE KNIGI ZA RUBEZHOM. Serlia V: Biologiia, meditsina, sel'skoe khoziaistvo [NEW FOREIGN BOOKS. Series V: Biology, Medicine, Agriculture]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, nos.8-9, Aug.-Sep. 1961.

NOVYE KNIGI ZA RUBEZHOM PO OBSHCHESTVENNYM NAUKAM, ekonomika, filosofiia, istoriia, mezhdunarodnye otnoshenila [NEW FOREIGN BOOKS ON THE SOCIAL SCIENCES; Economics, Philosophy, History, International Relations]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, vol.4, no.9, Sep. 1961.

SVODNYI BIULLETEN' NOVYKH INOSTRANNYKH KNIG, POSTUPIVSHIKH V BIBLIOTEKI SSSR. Serlia A: Estestvennye nauki, meditsina, sel'skoe khoziaistvo, tekhnika [UNION LIST OF NEW FOREIGN BOOKS RECEIVED BY THE LIBRARIES OF THE U.S.S.R. Series A: Natural Sciences, Medicine, Agriculture, Technology]. Moscow, no.3(61), 1961

SVODNYI BIULLETEN' NOVYKH INOSTRANNYKH KNIG, POSTUPIVSHIKH V BIBLIOTEKI SSSR. Serlia B Obshchestvennye nauki [UNION LIST OF NEW FOREIGN BOOKS RECEIVED BY THE LIBRARIES OF THE U.S.S.R. Series B: Social Sciences]. Moscow, nos.3(53)-4(54), 1961.

VSESOIUZNAIA KNIZHNAIA PALATA. Bibliografiia sovetskoi bibliografii, 1959. [ALL-UNION BOOK CHAMBER. Bibliography of Soviet Bibliography, 1959]. Moscow, 1961. 506 p.

c. PRINTING & THE BOOK TRADE

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT POLIGRAFICHESKOI PROMYSHLENNOSTI I TEKHNIKI. Sbornik nauchnykh rabot [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF THE PRINTING INDUSTRY AND TECHNOLOGY. Collection of Scientific Papers]. Moscow, no.9, 1958.

POLIGRAFICHESKOE PROIZVODSTVO [PRINTING INDUSTRY]. Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.]. Moscow, nos.6-8, June-Aug. 1961.

3. PHILOSOPHY & RELIGION

a. PHILOSOPHY

VOPROSY FILOSOFII [PROBLEMS OF PHILOSOPHY]. Issued by Institut filosofii Akademii nauk SSSR [Institute of Philosophy of the Academy of Sciences of the U.S.S.R.]. Moscow, no.6, 1957; vol.15, no.9, 1961.

b. RELIGION

ALBA, Russian Theosophical Magazine. ALBA; teosoficheskii zhurnal. Issued by Teosoficheskoe obshchestvo [Theosophical Society]. Boston, no.6, 1961.

BRATSKII VESTNIK [HERALD OF BROTHERHOOD]. Issued by Vsesoiuznyi sovet evangel'skikh khristian-baptistov [All-Union Council of Evangelical Christians and Baptists]. Moscow, nos.2-3, 1961.

DUKHOVNOE PROBUZHDENIE [SPIRITUAL AWAKENING]. Helsinki, vol 40, no.9, 1961

PRAVOSLAVNAIA RUS', ORTHODOX RUSSIA. Issued by the Holy Trinity Monastery, Jordanville, N.Y , vol.32, nos.18(731)-20(733), Sep.-Oct. 1961.

PRAVOSLAVNAIA ZHIZN'. ORTHODOX LIFE. Monthly supplement to "Pravoslavnaia Rus"' ["Orthodox Russia"]. Published by the Holy Trinity Monastery, Jordanville, N Y , no.9, Sep. 1961.

RUSSKO-AMERIKANSKII PRAVOSLAVNYI VESTNIK. THE RUSSIAN AMERICAN ORTHODOX MESSENGER. Organ of Mitropolichii okrug Russkoi Pravoslavnoi TSerkvi v Amerike [Metropolitanate of the Russian Orthodox Church in America]. New York, vol.57, no.9, Sep. 1961.

RUSSKOE STUDENCHESKOE KHRISTIANSKOE DVIZHENIE. Vestnik [RUSSIAN STUDENTS' CHRISTIAN MOVEMENT. Messenger] Paris, no 61, 1961.

SVITLO. THE LIGHT. Issued by OO. Vasyliiany [The Basilian Fathers]. Toronto, vol.24, no.10(456), Oct. 1961. [In Ukrainian.]

UKRAINS'KE PRAVOSLAVNE SLOVO. UKRAINIAN ORTHODOX WORD. Organ of the Ukrainian Orthodox Church of the United States of America South Bound Brook, N J., vol.12, no 10, Oct. 1961. [In Ukrainian.]

VIRA I KUL'TURA. FAITH AND CULTURE. Organ of Ukrains'ke naukove bohoslovs'ke tovarystvo [Ukrainian Theological Society] Winnipeg, vol.24, no.12(96), Oct. 1961. [In Ukrainian.]

WESTERN EUROPE (Exarchate). Vestnik Russkogo zapadno-evropeiskogo patriarshego ekzarkhata [Messenger of the Russian West European Patriarchal Exarchate]. Paris, no.37, Jan -Mar 1961.

4. HISTORY

a. GENERAL

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku, Institut istorii. Trudy [ACADEMY OF SCIENCES OF THE AZERBAIJAN S.S.R. Institute of History. Transactions]. Baku, vol.14, 1960. [In Russian or Azerbaijani with summaries in the other language.]

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Izvestiia. Serlia istorii, arkheologii i etnografii [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Bulletin. Series in History, Archaeology, and Ethnography]. Alma-Ata, no.1(15), 1961.

AKADEMIIA NAUK SSSR, Institut istorii. Srednie veka [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of History. The Middle Ages]. Moscow, no.20, 1961.

AKADEMIIA NAUK SSSR. Institut narodov Azii. Kratkie soobshchenila [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of the Peoples of Asia. Brief reports]. Moscow, no.43, 1960; nos.42,47-48, 1961.

INSTITUT ZUR ERFORSCHUNG DER UdSSR. Issledovaniia i materialy. INSTITUTE FOR THE STUDY OF THE U.S.S.R. [Investigations and Materials]. Munich, no.57, 1960.
Contents: Arkhimovich, A.Z. [Plant culture in the U.S.S.R.] Rastenievodstvo SSSR. 232 p.

ISTORICHESKII ARKHIV [HISTORICAL ARCHIVES]. Issued by Institut istorii Akademii nauk SSSR [Institute of History of the Academy of Sciences of the U.S.S.R.]. Moscow, vol.7, no.4, July-Aug. 1961.

MOSCOW. UNIVERSITET. Vestnik. Serlia 9 Istoricheskie nauki [UNIVERSITY. Review. Series 9: Historical Sciences]. Vol.16, no.5, Sep.-Oct. 1961.

NARODY AZII I AFRIKI; istoriia, ekonomika, kul'tura [PEOPLES OF ASIA AND AFRICA; History, Economics, Culture]. Issued by Institut narodov Azii and Institut Afriki Akademii nauk SSSR [Institute of the Peoples of Asia and Institute of Africa of the Academy of Sciences of the U.S.S.R.]. No.2, 1961.

PREPODAVANIE ISTORII V SHKOLE [TEACHING HISTORY IN SCHOOLS]. Published by Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol.16, no.5, Sep.-Oct. 1961.

UKRAINS'KYI ISTORYCHNYI ZHURNAL [UKRAINIAN HISTORICAL JOURNAL]. Issued by Instytut istorii Akademii nauk URSR [Institute of History of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol.5, no.5, Sep.-Oct. 1961. [In Ukrainian.]

VESTNIK ISTORII MIROVOI KUL'TURY [REVIEW OF THE HISTORY OF WORLD CULTURE]. Issued by Otdelenie istoricheskikh nauk Akademii nauk SSSR [Department of Historical Sciences of the Academy of Sciences of the U.S.S.R.] Moscow, no.4(28), July-Aug. 1961. [With summaries in English and French.]

VOENNO-ISTORICHESKII ZHURNAL [MILITARY HISTORY JOURNAL]. Organ of Ministerstvo oborony SSSR [Ministry of Defense of the U.S.S.R.]. Moscow, vol.3, nos.7-8, July-Aug. 1961.

VOPROSY ISTORII [PROBLEMS OF HISTORY]. Issued by Otdelenie istoricheskikh nauk Akademii nauk SSSR [Department of History of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 9, Sep. 1961.

b ARCHAEOLOGY & ANTIQUITIES

ARKHEOLOGIIA [ARCHAEOLOGY]. Issued by Instytut arkheologii Akademii nauk Ukrains'koi RSR [Institute of Archaeology of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol.12, 1961. [In Ukrainian.]

MATERIALY I DOSLIDZHENNIA Z ARKHEOLOGII PRIKARPATTIA I VOLYNI [MATERIALS AND RESEARCH IN THE ARCHAEOLOGY OF CISCARPATHIA AND VOLHYNIA]. Issued by Instytut suspil'nykh nauk Akademii nauk Ukrains'koi RSR [Institute of Social Sciences of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, no 2, 1959. [In Ukrainian.]

NUMIZMATIKA I EPIGRAFIKA [NUMISMATICS AND EPIGRAPHY] Issued by Institut arkheologii Akademii nauk SSSR [Institute of Archaeology of the Academy of Sciences of the U.S.S.R.] Moscow, no. 1, 1960.

SOVETSKAIA ARKHEOLOGIIA [SOVIET ARCHAEOLOGY]. Issued by Institut istorii material'noi kul'tury Akademii nauk SSSR [Institute of History of Cultural Materials of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 5, no. 3, 1961.

5. SOCIAL SCIENCES

a COMMERCE

KOOPERATOR KAZAKHSTANA [THE COOPERATIVE WORKER OF KAZAKHSTAN]. Issued by Soiuz potrebitel'skikh obshchestv Kazakhskoi SSR [Association of Consumer Societies of the Kazakh S.S.R.]. Alma-Ata, vol.4, nos.4-5/6, Apr.-June, 1961

NOVYE TOVARY, informatsionnyi biulleten' [NEW CONSUMER GOODS, Information Bulletin]. Moscow, no.8, 1961.

SOVETSKAIA TORGOVLIA [SOVIET COMMERCE]. Organ of Ministerstvo torgovli RSFSR [Ministry of Commerce of the R.S.F.S.R.]. Moscow, vol.34, no.8, Aug. 1961.

TORGOVLIA ZA RUBEZHOM, organizatsiia, novye metody, tekhnika torgovli i massovogo pitaniia [TRADE ABROAD; Organization, New Methods, and Equipment of Trade and Public Food Service]. Moscow, no.9, 1961.

* VNESHNIAIA TORGOVLIA [FOREIGN TRADE]. Organ of Ministerstvo vneshnei torgovli SSSR [Ministry of Foreign Commerce of the U.S.S.R.]. Moscow, vol.41, nos.8-9, 1961.

b. ECONOMICS

AKADEMIIA NAUK TURKMENSKOI SSR, Ashkhabad, Izvestiia. Seriia obshchestvennykh nauk [ACADEMY OF SCIENCES OF THE TURKMEN S.S.R. Bulletin, Series in the Social Sciences]. Ashkhabad, nos. 2-3, 1961.

EKONOMIKA STROITEL'STVA [ECONOMICS OF CONSTRUCTION]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, no.8, Aug. 1961.

KIEV, FINANSOVO-EKONOMICHNYI INSTYTUT. Uchenye zapiski [INSTITUTE OF FINANCE AND ECONOMICS. Studies]. No.9, 1959.

KISHINEV. UNIVERSITET. Uchenye zapiski: Mezhvuzovskii sbornik po politicheskoi ekonomii [UNIVERSITY. Studies: Interuniversity Papers on Economics]. No.1, 1960.

MATERIALY PO PROIZVODITEL'NYM SILAM UZBEKISTANA [MATERIALS ON PRODUCTIVE FORCES OF UZBEKISTAN]. Issued by Sovet po izucheniiu proizvoditel'nykh sil Akademii nauk Uzbekskoi SSR [Council for the Study of Productive Forces of the Academy of Sciences of the Uzbek S.S.R.]. Tashkent, no.15, 1960

NARODNOE KHOZIAISTVO KAZAKHSTANA [THE NATIONAL ECONOMY OF KAZAKHSTAN]. Issued by Gosplan Kazakhskoi SSR [State Planning Commission of the Kazakh S.S.R.] Alma-Ata, vol.19, no.8, Aug 1961.

REFERATIVNYI SBORNIK EKONOMIKA PROMYSHLENNOSTI [JOURNAL OF ABSTRACTS. ECONOMICS OF INDUSTRY] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no 9, Sep 1961.

UCHET I FINANSY V KOLKHOZAKH I SOVKHOZAKH [ACCOUNTING AND FINANCE ON COLLECTIVE AND STATE FARMS]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol.18, nos.8-9, Aug.-Sep. 1961.

VESTNIK STATISTIKI [STATISTICAL REVIEW]. Organ of TSentral'noe statisticheskoe upravlenie SSSR [Central Statistical Administration of the U.S.S.R.]. Moscow, no.8, 1961.

*VOPROSY EKONOMIKI [PROBLEMS OF ECONOMICS]. Issued by Institut ekonomiki Akademii nauk SSSR [Institute of Economics of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 9, Sep. 1961.

c FINANCE

FINANSY SSSR [FINANCE OF THE U.S.S.R.]. Issued by Ministerstvo finansov SSSR [Ministry of Finance of the U.S.S.R.]. Moscow, vol 22, no.8, Aug. 1961.

d. LABOR

BEZOPASNOST' TRUDA V PROMYSHLENNOSTI [INDUSTRIAL SAFETY]. Organ of Komitet po nadzoru za bezopasnym vedeniem rabot v promyshlennosti i gornomu nadzoru pri Sovete Ministrov RSFSR [Committee for Safety Inspection in Industry and Mining, Attached to the Council of Ministers of the R.S.F.S.R.] Moscow, vol.5, no.8, Aug. 1961.

BIULLETEN' NAUCHNOI INFORMATSII: TRUD I ZARABOTNAIA PLATA [BULLETIN OF SCIENTIFIC INFORMATION: LABOR AND WAGES]. Issued by Nauchno-issledovatel'skii institut truda Gosudarstvennogo komiteta Soveta Ministrov SSSR po voprosam truda i zarabotnoi platy [Labor Scientific Research Institute of the State Committee of the Council of Ministers of the U.S.S.R. for Labor and Wages]. Moscow, vol.4, no.7, 1961.

RABOTNITSA [THE WOMAN WORKER]. Published by Izd-vo [Publishing House] "Pravda." Moscow, vol.39, no.9, Sep. 1961.

SOTSIALISTICHESKII TRUD [SOCIALIST LABOR]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po voprosam truda i zarabotnoi platy [State Committee of the Council of Ministers of the U.S.S.R. on Labor and Wage Problems]. Moscow, vol.6, no.8, Aug. 1961.

SOVETSKIE PROFSOIUZY [SOVIET TRADE UNIONS]. Issued by Vsesoiuznyi TSentral'nyi Sovet Professional'nykh Soiuzov [All-Union Central Council of Trade Unions]. Moscow, vol.17, nos.17-18, Sep. 1961.

VSEMIRNOE PROFSOIUZNOE DVIZHENIE [WORLD TRADE-UNION MOVEMENT]. Organ of Vsemirnaia federatsiia profsoiuzov [World Federation of Trade Unions]. Moscow, no.8, Aug. 1961.

e. SOCIOLOGY

AZĔRBAIĆHAN GADYNY [AZERBAIJAN WOMAN]. Issued by TSentral'nyi komitet Kommunisticheskoi Partii Azerbaidzhana [Central Committee of the Communist Party of Azerbaijan]. Baku, nos.9-10, 12, Sep.-Oct., Dec. 1960, no.8, Aug. 1961. [In Azerbaijani.]

KAZACH'IA ZHIZN' [COSSACK LIFE]. Issued by Vtoroi otdel Kazach'e-amerikanskogo narodnogo soiuza [Second Division of the Cossack American National Alliance, Inc.]. Providence, R.I., vol.9, no.103, Sep. 1961.

KAZAKHSTAN ĚIELDERI [KAZAKHSTAN WOMAN]. Alma-Ata, no.9, Sep. 1960, no.8, Aug. 1961. [In Kazakh.]

NASHE ZHYTTIA. OUR LIFE. Issued by Soiuz ukrainok Ameryky [Ukrainian National Women's League of America, Inc.]. Philadelphia, vol.16, no.9, Oct. 1961. [In Ukrainian.]

RADIANS'KA ZHINKA [SOVIET WOMAN]. Issued by Ukrains'ka respublikans'ka rada profesiinykh spilok and Spilka radians'kykh pys'mennykiv Ukrainy [Ukrainian Republican Council of Trade Unions and the Association of Soviet Writers of the Ukraine]. Kiev, vol.16, no.9(189), Sep. 1961. [In Ukrainian.]

SMENA [THE YOUNGER GENERATION]. Organ of TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, vol.38, no.10, May 1961.

SOVETSKAIA ZHENSHCHINA [SOVIET WOMAN]. Organ of Komitet sovetskikh zhenshchin and Vsesoiuznyi TSentral'nyi Sovet Professional'nykh Soiuzov [Committee of Soviet Women and the All-Union Central Council of Trade Unions] Moscow, vol.17, no.10, 1961.

UZBEKISTON ' KHOTIN-KIZLARI [WOMEN OF UZBEKISTAN]. Tashkent, nos.8-9, Aug.-Sep. 1961. [In Uzbek.]

ZMINA [THE YOUNGER GENERATION]. Issued by TSentral'nyi komitet Lenins'koho komunistychnoho soiuza molodi Ukrainy [Central Committee of the Ukrainian Communist Youth League of Lenin]. Kiev, no.9(102), Sep. 1961. [In Ukrainian.]

6. POLITICAL SCIENCE

KAMUNIST BELARUSI [COMMUNIST OF WHITE RUSSIA]. Issued by TSentral'ny kamitet Kamunistychnai partyi Belarusi [Central Committee of the Communist Party of White Russia]. Minsk, vol 35, no.9, Sep. 1961. [In White Russian.]

KOMMUNIST [COMMUNIST]. Organ of the Central Committee of the Communist Party of Kirghizia. Frunze, vol.35, no.9, Sep. 1961. [In Kirghiz.]

KOMMUNIST [COMMUNIST]. Organ of TSentral'nyi komitet Kommunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, vol.38, nos 14-15, Sep.-Oct. 1961

KOMMUNIST UKRAINY [COMMUNIST OF THE UKRAINE]. Issued by TSentral'nyi komitet Kommunistychnoi partii Ukrainy [Central Committee of the Communist Party of the Ukraine]. Kiev, vol.37, no.9, Sep. 1961.

KOMUNIST UKRAINY [COMMUNIST OF THE UKRAINE]. Issued by TSentral'nyi komitet Komunistychnoi partii Ukrainy [Central Committee of the Communist Party of the Ukraine]. Kiev, vol.37, no.9, Sep 1961. [In Ukrainian.]

KOMMUNISTI TOČHIKISTON [COMMUNIST OF TAJIKISTAN]. Issued by the Central Committee of the Communist Party of Tajikistan. Stalinabad, vol.26, no.8, Aug. 1961. [In Tajik].

LENINIAN UGIOV [LENIN'S WAY]. Issued by TSentral'nyi komitet Kommunisticheskoi partii Armenii [Central Committee of the Communist Party of Armenia]. Erivan, vol.38, no.9, Sep. 1961. [In Armenian.]

MOSCOW. Ispolnitel'nyi komitet. Biulleten' [Executive Committee. Bulletin]. Nos.15(477)-17(479), Aug.-Sep. 1961.

NASHI DNI [OUR DAYS]. Frankfurt/Main, no.5(25), 1961.

NOVOE VREMIA [NEW TIMES]. Moscow, vol.19, no.36(850), Sep. 1961.

PARTIINAIA ZHIZN' [PARTY LIFE]. Issued by TSentral'nyi komitet Kommunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, nos.17-19, Sep.-Oct. 1961.

PARTIINAIA ZHIZN' [PARTY LIFE]. Issued by TSentral'nyi Komitet Kommunisticheskoi partii Uzbekistana [Central Committee of the Communist Party of Uzbekistan]. Tashkent, vol.3, no.12, Dec. 1960.

POLITICHESKOE SAMOOBRAZOVANIE [POLITICAL SELF-EDUCATION]. Issued by TSentral'nyi komitet Kommunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, vol.5, no.9, Sep. 1961.

RUSSIA (1917- R.S.F.S.R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]. Moscow, vol.5, nos.37(158)-40(161), Sep.-Oct. 1961.

RUSSIA (1923- U.S.S.R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]. Moscow, vol.19, nos.19, 23, 1956; vol.20, nos.12, 22, 1957; vol.24, nos. 36(1071)-42(1077), Sep.-Oct. 1961.

SOTSIALISTICHESKII VESTNIK. THE SOCIALIST COURIER. Organ of Rossiiskaia sotsial-demokraticheskaia rabochaia partiia [Russian Social Democratic Workers' Party]. New York, vol.41, no.8/9(756/757), Aug.-Sep. 1961.

SOVETY DEPUTATOV TRUDIASHCHIKHSIA [SOVIETS OF WORKERS' DEPUTIES]. Issued by gazeta [newspaper] "Izvestiia." Moscow, no.9, Sep. 1961.

SVOBODA [FREEDOM] Issued by TSentral'noe ob"edinenie politicheskikh emigrantov iz SSSR [Central Association of Political Refugees from the U.S.S.R.]. Munich, vol.10, no 8(110), Aug 1961.

TURKMENISTAN KOMMUNISTI [COMMUNIST OF TURKMENISTAN]. Organ of the Central Committee of the Communist Party of Turkmenistan. Ashkhabad, vol.37, no.9, 1961 [In Turkmen.]

UKRAINS'KYI SAMOSTIINYK [UKRAINIAN INDEPENDENT]. Munich, vol 12, no.9(343), Sep. 1961 [In Ukrainian.]

UZBEKISTON KOMMUNISTI [COMMUNIST OF UZBEKISTAN]. Issued by the Central Committee of the Communist Party of Uzbekistan Tashkent, vol.33, nos.8-9, Aug.-Sep. 1961. [In Uzbek.]

VISNYK. THE HERALD. Organ of Organizatsiia oborony chotyr'okh svobid Ukrainy [Organization for Defense of the Four Freedoms for the Ukraine, Inc.] New York, vol 15, nos. 9(165)-10(156), Sep.-Oct. 1961. [In Ukrainian.]

VOLIA [FREEDOM]. Organ of Narodno-trudovoi soiuz rossiiskikh solidaristov [National Workingmen's Association of Russian Solidarists]. Frankfurt/Main, vol 1, no 6, Aug 1961

VOPROSY ISTORII KPSS [PROBLEMS OF THE HISTORY OF THE COMMUNIST PARTY OF THE SOVIET UNION] Issued by Institut marksizma-leninizma pri TsK KPSS [Institute of Marxism-Leninism, Attached to the Central Committee of the Communist Party of the Soviet Union]. Moscow, vol. 5, no.5, 1961.

ZNAMIA ROSSII, Organ russkoi nezavisimoi monarkhicheskoi mysli [THE BANNER OF RUSSIA, Organ of Russian Independent Monarchistic Thought]. New York, no.214, Oct. 1961.

7. LAW

MOSCOW. UNIVERSITET. Vestnik. Seriia 10 Pravo [UNIVERSITY. Review. Series 10 Law]. Vol.16, no.3, July-Sep. 1961.

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po voprosam truda i zarabotnoi platy Biulleten' [State Committee on Problems of Labor and Wages. Bulletin]. Moscow, no. 6, 1961

SOTSIALISTICHESKAIA ZAKONNOST' [SOCIALIST LEGALITY]. Organ of Prokuratura SSSR [Attorney General's Office of the U.S.S.R.]. Moscow, nos.1-3, 5, 9-10, 1947; no. 5, 1949; nos. 6-12, 1950, nos. 1-12, 1951; nos. 1-12, 1952; nos. 1-12, 1954, vol.38, no.9, Sep. 1961.

SOVETSKAIA IUSTITSIIA [SOVIET JUSTICE]. Issued by Ministerstvo iustitsii and Verkhovnyi Sud RSFSR [Ministry of Justice and the Supreme Court of the R.S.F.S.R.]. Moscow, no.17, Sep. 1961.

8. EDUCATION

a. GENERAL

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Doklady [ACADEMY OF PEDAGOGICAL SCIENCES OF THE R.S.F.S.R. Reports]. Moscow, no.1, 1961.

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Izvestiia [ACADEMY OF PEDAGOGICAL SCIENCES OF THE R.S.F.S.R. Bulletin]. Moscow, no.113, 1960.

AZERBAICHAN MEKTEBI [AZERBAIJANI SCHOOLS]. Organ of the Ministry of Education of the Azerbaijan S.S.R. Baku, no.12(159), Dec. 1960; no.7(166), July 1961. [In Azerbaijani.]

DOSHKIL'NE VYKHOVANNIA [PRESCHOOL EDUCATION]. Organ of Ministerstvo osvity URSR [Ministry of Education of the Ukrainian S.S.R.]. Kiev, vol. 22, no. 9, Sep. 1961. [In Ukrainian.]

DOSHKOL'NOE VOSPITANIE [PRESCHOOL EDUCATION]. Issued by Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol.34, no.9, Sep. 1961.

GULKHAN. Issued by TsK LKSM and Ministerstvo prosveshchenila Uzbekistana [Central Committee of the All-Union Communist Youth League of Lenin and the Ministry of Education of Uzbekistan]. Tashkent, no.8(116), Aug. 1961. [In Uzbek.]

KAZAKSTAN MEKTEBI [KAZAKHSTAN SCHOOLS]. Organ of the Ministry of Education of the Kazakh S.S.R. Vol.36, no.8, Aug. 1961. [In Kazakh.]

MAKTABI SOVETI [SOVIET SCHOOL] Issued by Ministerstvo prosveshchenila Tadzhikskoi SSR [Ministry of Education of the Tajik S S R]. Stalinabad, vol.35, nos.9(353)-10(354), 12(356), Sep.-Oct., Dec. 1960, vol.36, no.8(364), Aug. 1961. [In Tajik.]

NARODNOE OBRAZOVANIE [PUBLIC EDUCATION]. Issued by Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.] Moscow, no 9, Sep. 1961

RADIANS'KA SHKOLA [SOVIET SCHOOL]. Organ of Ministerstvo osvity Ukrains'koi RSR [Ministry of Education of the Ukrainian S.S.R.]. Kiev, vol.40, nos.6-7, June-July, 1961. [In Ukrainian.]

SEM'IA I SHKOLA [FAMILY AND SCHOOL]. Issued by Akademiia pedagogicheskikh nauk RSFSR [Academy of Pedagogical Sciences of the R.S.F.S.R.]. Moscow, vol.16, nos.6-8, June-Aug. 1961.

SHKOLA I PROIZVODSTVO [SCHOOL AND PRODUCTION] Issued by Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.] Moscow, vol.5, no.6, June 1961.

*SOVETSKAIA PEDAGOGIKA [SOVIET PEDAGOGY]. Organ of Akademiia pedagogicheskikh nauk RSFSR [Academy of Pedagogical Sciences of the R.S.F.S.R.]. Moscow, vol.25, no.8, Aug. 1961.

SREDNEE SPETSIAL'NOE OBRAZOVANIE [SECONDARY SPECIALIZED EDUCATION]. Organ of Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia SSSR [Ministry of Higher and Secondary Specialized Education of the U.S.S.R.]. Moscow, vol.8, no.8, Aug. 1961.

VESTNIK VYSSHEI SHKOLY [REVIEW OF SCHOOLS FOR HIGHER EDUCATION]. Organ of Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia SSSR [Ministry of Higher and Secondary Specialized Education of the U.S.S.R.]. Moscow, vol.19, no.8, Aug. 1961.

VOZHATYI [PIONEER GUIDE]. Published by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi and TSentral'nyi sovet Vsesoiuznoi pionerskoi organizatsii imeni V.I.Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the All-Union Lenin Pioneers]. Moscow, vol.37, no.9, Sep. 1961.

b. PHYSICAL EDUCATION & GAMES

FIZICHESKAIA KUL'TURA V SHKOLE [PHYSICAL EDUCATION IN SCHOOLS]. Issued by Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, nos.9-10, Sep.-Oct. 1961.

LEGKAIA ATLETIKA [TRACK AND FIELD ATHLETICS]. Organ of TSentral'nyi sovet Soiuza sportivnykh obshchestv i organizatsii SSSR [Central Council of the Association of Sports Societies and Organizations of the U.S.S.R.]. Moscow, no.8(75), Aug. 1961.

SHAKHMATNYI BIULLETEN' [CHESS BULLETIN]. Organ of Shakhmatnaia federatsiia SSSR [Chess Federation of the U.S.S.R.]. Moscow, vol.7, no.9, Sep. 1961.

SHAKHMATY V SSSR [CHESS IN THE U.S.S.R.]. Organ of Shakhmatnaia federatsiia SSSR [Chess Federation of the U.S.S.R.]. Moscow, vol 38, no.9, Sep. 1961.

9. MUSIC, THEATER & MOTION PICTURES

a. MOTION PICTURES

ISKUSSTVO KINO [CINEMA ART]. Organ of Ministerstvo kul'tury SSSR and Soiuz rabotnikov kinematografii SSSR [Ministry of Culture of the U.S.S.R. and of the Association of Cinematographic Workers of the U.S.S.R.]. Moscow, no.8, Aug. 1961.

KINOMEKHANIK [MOTION-PICTURE OPERATOR]. Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.]. Moscow, no.8, Aug. 1961.

SOVETSKII EKRAN [THE SOVIET SCREEN]. Published by Izdatel'stvo [Publishing House] "Iskusstvo," Moscow, no.17(113), Sep. 1961.

TEKHNIKA KINO I TELEVIDENIIA [MOTION-PICTURE AND TELEVISION ENGINEERING]. Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.]. Moscow, vol.5, no.8, Aug. 1961.

b. MUSIC

LETOPIS' MUZYKAL'NOI LITERATURY [CHRONICLE OF MUSICAL LITERATURE]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber] Moscow, no 3, 1961

MUZYKAL'NAIA ZHIZN' [MUSICAL LIFE]. Organ of Soiuz kompozitorov SSSR and Ministerstvo kul'tury SSSR [Association of Composers of the U.S.S.R and the Ministry of Culture of the U.S.S.R.]. Moscow, vol.4, nos.16-18, Aug.-Sep. 1961.

SVERDLOVSK. URAL'SKAIA GOSUDARSTVENNAIA KONSERVATORIIA IMENI M.P.MUSORGSKOGO. Nauchno-metodicheskie zapiski [M.P.MUSORGSKII URAL STATE CONSERVATORY. Methodological Studies] No 3, 1959

c. THEATER

KHUDOZHESTVENNAIA SAMODEIATEL'NOST' [AMATEUR ART ACTIVITIES] Issued by Vsesoiuznyi TSentral'nyi Sovet Professional'nykh Soiuzov [All-Union Central Council of Trade Unions]. Moscow, vol.5, nos.9-10, Sep.-Oct. 1961.

NA DOPOMOHU KHUDOZHNII SAMODIIAL'NOSTI, repertuarnyi zbirnyk [A GUIDE FOR ART AMATEURS, Repertorial Collection]. Kiev, no.5(35), Oct 1961. [In Ukrainian.]

SOVETSKII TSIRK [THE SOVIET CIRCUS]. Issued by Organ Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.]. Moscow, vol.5, nos 8(47)-9(48), Aug.-Sep. 1961

TEATR [THEATER]. Organ of Ministerstvo kul'tury SSSR and Soiuz pisatelei SSSR [Ministry of Culture of the U.S.S.R. and Association of Writers of the U.S.S.R.]. Moscow, vol.22, no.9, Sep. 1961.

TEATRAL'NAIA ZHIZN' [LIFE OF THE THEATER]. Organ of Ministerstvo kul'tury RSFSR, Vserossiiskoe teatral'noe obshchestvo, and Soiuz pisatelei RSFSR [Ministry of Culture of the R.S.F.S.R., All-Russian Theater Society, and the Association of Writers of the R.S.F.S.R.]. Moscow, nos.17-19, Sep.-Oct, 1961.

10. FINE ARTS

a. GENERAL

DEKORATIVNOE ISKUSSTVO SSSR [DECORATIVE ART OF THE U.S.S.R.]. Issued by Soiuz khudozhnikov SSSR [Association of Artists of the U.S.S.R.]. Moscow, no.9(46), Sep, 1961.

ISKUSSTVO [ART]. Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.] Moscow, vol.24, no.8, 1961.

KHUDOZHNIK [ARTIST]. Issued by Soiuz khudozhnikov RSFSR [Association of Artists of the R.S.F.S.R.]. Moscow, no.9, 1961.

LETOPIS' IZOBRAZITEL'NOGO ISKUSSTVA [CHRONICLE OF FINE ARTS]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, no.3, 1961.

SOVETAKAN ARVEST [SOVIET ART]. Issued by Ministerstvo kul'tury Armianskoi SSR [Ministry of Culture of the Armenian S.S.R.]. Erivan, no.8, 1961. [In Armenian.]

TVORCHESTVO [CREATIVE WORK]. Issued by Soiuz khudozhnikov SSSR [Association of Artists of the U.S.S.R.]. Moscow, no.9(57), 1961.

b. ARCHITECTURE

AKADEMIIA BUDIVNYTSTVA I ARKHITEKTURY URSR. Visnyk [ACADEMY OF CONSTRUCTION AND ARCHITECTURE OF THE UKRAINIAN S.S.R. Journal]. Kiev, no.2, 1961. [In Ukrainian.]

AKADEMIIA NAVUK BSSR, Minsk. Instytut budaunitstva i arkhitektury. Sbornik nauchnykh rabot [ACADEMY OF SCIENCES OF THE WHITE RUSSIAN S.S.R. Institute of Construction and Architecture. Collected Papers]. Minsk, no.4, 1960.

ARKHITEKTURA SSSR [ARCHITECTURE OF THE U.S.S.R.]. Organ of Akademiia stroitel'stva i arkhitektury SSSR and Soiuz arkhitektorov SSSR [Academy of Construction and Architecture of the U.S.S.R. and the Association of Architects of the U.S.S.R.]. Moscow, nos.6-7, 1961.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, stroitel'stvo i arkhitektura [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Construction and Architecture]. Moscow, vol 4, no.4, 1961

STROITEL'STVO I ARKHITEKTURA [CONSTRUCTION AND ARCHITECTURE]. Issued by Gosudarstvennyi komitet Soveta Ministrov USSR po delam stroitel'stva and Soiuz arkhitektorov Ukrainy [State Committee of the Council of Ministers of the Ukrainian S.S.R. for Construction and the Association of Architects of the Ukraine]. Kiev, vol.9, nos.7(79)-8(80), July-Aug. 1961.

STROITEL'STVO I ARKHITEKTURA MOSKVY [CONSTRUCTION AND ARCHITECTURE IN MOSCOW]. Published by Ispolkom Moskovskogo gorodskogo Soveta deputatov trudiashchikhsia [Executive Committee of the Moscow City Soviet of Workers' Deputies]. Moscow, vol.9[i.e.10], nos.7-8, July-Aug. 1961.

11. LANGUAGE, LITERATURE & FOLKLORE

a LANGUAGE

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Izvestiia. Seriia filologii i iskusstvovedeniia [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Bulletin. Series on Philology and Art] Alma-Ata, no.2(18), 1961. [In Russian or Kazakh with summaries in the other language]

RUSSKII IAZYK V NATSIONAL'NOI SHKOLE [THE RUSSIAN LANGUAGE IN NON-RUSSIAN SCHOOLS]. Issued by Akademiia pedagogicheskikh nauk RSFSR [Academy of Pedagogical Sciences of the R.S.F.S.R.]. Moscow, no.5, 1961

b LITERATURE & FOLKLORE

ALA-TOO, literaturno-khudozhestvennyi i obshchestvenno-politicheskii zhurnal [ALA-TAU, Literary and Socio-political Magazine]. Organ of Soiuz pisatelei Kirgizii and Ministerstvo kul'tury Kirgizskoi SSR [Association of Writers of Kirghizia and the Ministry of Culture of the Kirghiz S.S.R.] Frunze, vol.30, nos.8-9, Aug.-Sep. 1961. [In Kirghiz.]

ALTAI; Literaturno-khudozhestvennyi i obshchestvenno-politicheskii al'manakh [ALTAI; Literary and Socio-political Almanac]. Issued by Altaiskoe otdelenie Soiuza pisatelei RSFSR [Altai Branch of the Association of Writers of the R.S.F.S.R.]. Barnaul, no.16, 1960.

ASHKHABAD, literaturno-khudozhestvennyi i obshchestvenno-politicheskii zhurnal [ASHKHABAD, Literary and Sociopolitical Journal]. Organ of Soiuz pisatelei Turkmenistana [Association of Writers of the Turkmenistan]. Ashkhabad, vol.2, no.4, 1961.

DILA [MORNING]. Issued by TSentral'nyi komitet leninskogo kommunisticheskogo soiuza molodezhi Gruzii and Respublikanskii sovet organizatsii tunykh pionerov [illegible] nittee of the Lenin [illegible] orgia and the Republican [illegible] 'flis, nos.6-8, June-

[illegible] Moldav- [illegible]an

LITERATURNAIA BASHKIRIIA [LITERARY BASHKIRIA]. Issued by Russkaia sektsiia Soiuza pisatelei Bashkirii [Russian Section of the Association of Writers of Bashkiria]. Ufa, no 16, 1960.

LITERATURNAIA GRUZIIA [LITERARY GEORGIA]. Organ of Soiuz pisatelei Gruzii [Association of Writers of Georgia]. Tiflis, vol 5, no 8, Aug 1961.

LITERATURNYI KIRGIZSTAN [LITERARY KIRGHIZISTAN]. Organ of Soiuz pisatelei Kirgizii [Association of Writers of Kirghizia]. Frunze, vol 6, no.5(35), Sep.-Oct., 1960, vol.7, no 4(40), July-Aug 1961.

MOKSHA, literaturno-khudozhestvennaia i obshchestvenno-politicheskiai zhurnal [MOKSHA, Literary and Socio-political Almanac]. Saransk, no.4, July-Aug 1961. [In Mordvinian.]

MOLODAIA GVARDIIA, literaturno-khudozhestvennyi i obshchestvenno-politicheskii zhurnal [YOUNG GUARD, Literary and Sociopolitical Magazine]. Issued by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, nos.8-9, Aug.-Sep. 1961.

MOSCOW. UNIVERSITET. Vestnik. Seriia 7 Filologiia, zhurnalistika [UNIVERSITY. Review, Series 7 Philology, Journalism]. Vol.16, no.5, Sep.-Oct. 1961.

MOSKVA [MOSCOW]. Organ of Soiuz pisatelei RSFSR and Moskovskoe otdelenie Soiuza pisatelei [Association of Writers of the R.S.F.S.R. and the Moscow Branch of the Association of Writers] Moscow, vol.5, no.8, 1961.

NA RUBEZHE [AT THE FRONTIER]. Issued by Soiuz pisatelei Karel'skoi ASSR [Association of Writers of the Karelian A.S.S.R.]. Petrozavodsk, vol.22, no.4, July-Aug. 1961.

NASH SOVREMENNIK [OUR CONTEMPORARY]. Organ of Soiuz pisatelei RSFSR [Association of Writers of the R.S.F.S.R.]. Moscow, no.4, 1961.

NISTRUL [DNIESTER RIVER]. Organ of the Association of Soviet Writers of the Moldavian S.S.R. Kishinev, vol.30, no.8, 1961. [In Moldavian.]

NOVYI ZHURNAL. THE NEW REVIEW New York, vol.65, 1961.

OKTIABR' [OCTOBER]. Organ of Soiuz pisatelei RSFSR [Association of Writers of the R.S.F.S.R.]. Moscow, vol.38, no.9, Sep. 1961.

POD"EM [UPSWING]. Issued by Voronezhskoe otdelenie Soiuza pisatelei RSFSR [Voronezh Branch of the Association of Writers of the R.S.F.S.R.]. Voronezh, no.4, July-Aug. 1961.

POLYMIA [FLAME]. Organ of Saiuz pis'mennikau BSSR [Association of Writers of the White Russian S.S.R.]. Minsk, vol.39, no.9, Sep. 1961. [In White Russian.]

PRAPOR; literaturno-khudozhnii ta hromads'ko-politychnyi zhurnal [BANNER, Literary and Sociopolitical Magazine]. Issued by Spilka pys'mennykiv Ukrainy [Association of Writers of the Ukraine]. Kharkov, no.8, Aug. 1961. [In Ukrainian.]

PUNALIPPU [THE RED BANNER]. Issued by the Association of Soviet Writers of the Karelo-Finnish S.S.R. Petrozavodsk, vol.18, no.4, 1961. [In Finnish.]

SHARQI SURKH [THE RED EAST]. Organ of the Association of Writers of Tajikistan. Stalinabad, no.8, Aug. 1961. [In Tajik.]

SIBIRSKIE OGNI [SIBERIAN LIGHTS]. Organ of Novosibirskoe otdelenie Soiuza pisatelei RSFSR [Novosibirsk Branch of the Association of Writers of the R.S.F.S.R.]. Novosibirsk, vol.40, nos.8-9, Aug.-Sep. 1961.

SOGLASIE [CONCORD]. Los Angeles, Calif., no.121, Oct. 1961.

SOVET ĚDĚBIIATY [SOVIET LITERATURE]. Organ of Soiuz pisatelei Tatarii [Association of Writers of Tataria]. Kazan, vol.39, nos.8-9, Aug.-Sep. 1961. [In Tatar.]

SOVETAKAN GRAKANUTIUN [SOVIET LITERATURE]. Organ of the Association of Soviet Writers of Armenia. Erivan, nos.7-8, 1961. [In Armenian.]

SOVETSKAIA UKRAINA [SOVIET UKRAINE]. Organ of Soiuz sovetskikh pisatelei Ukrainy [Union of Soviet Writers of the Ukraine]. Kiev, vol.11, no.9, Sep. 1961.

SOVREMENNAIA DRAMATURGIIA [CONTEMPORARY DRAMATURGY]. Published by Gosudarstvennoe izdatel'stvo [State Publishing House] "Iskusstvo." Moscow, vol.22, 1961

SUCHASNIST', literatura, mystetstvo, suspil'ne zhyttia [OUR TIME, Literature, Art, and Social Problems]. Munich, no 9, Sep 1961

SURAN' TOLT, literaturno-khudozhestvennoi dy obshchestvenno-politicheskoi zhurnal [SURA LIGHTS; Literary and Sociopolitical Magazine]. Issued by Mordovskoi ASSR-n' pisatelen' soiuzos' [Association of Writers of the Mordovian A.S.S.R.]. Saransk, no.4, July-Aug. 1961. [In Mordovian.]

TĀVAN ATĀL [NATIVE VOLGA]. Issued by the Association of Soviet Writers of Chuvashia. Cheboksary, no 5, Sep -Oct. 1960 [In Chuvash.]

URAL. Issued by Sverdlovskoe otdelenie Soiuza pisatelei RSFSR [Sverdlovsk Branch of the Association of Writers of the R.S.F.S.R.]. Sverdlovsk, nos.8-9, Aug.-Sep. 1961

UZHGOROD UNIVERSYTET. Dopovidi ta povidomlennia. Seriia filologichna [UNIVERSITY. Reports and Papers. Philological Series]. No. 2, 1958. [In Ukrainian.]

VITCHYZNA [OUR COUNTRY]. Organ of Spilka pys'mennykiv Ukrainy [Association of Writers of the Ukraine]. Kiev, vol.29, no.9, Sep 1961. [In Ukrainian.]

ZHOVTEN' [OCTOBER]. Organ of Spilka pys'mennykiv Ukrainy [Association of Writers of the Ukraine]. Lvov, vol.11, no.9, Sep. 1961. [In Ukrainian.]

ZHULDYZ [STAR]. Issued by Soiuz sovetskikh pisatelei Kazakhstana [Association of Soviet Writers of Kazakhstan]. Alma-Ata, no.8, 1961. [In Kazakh.]

ZNAMIA [THE BANNER]. Organ of Soiuz pisatelei SSSR [Association of Writers of the U.S.S.R.]. Moscow, vol.31, no.9, Sep. 1961.

ZVEZDA VOSTOKA [STAR OF THE EAST]. Organ of Soiuz pisatelei Uzbekistana [Association of Writers of Uzbekistan]. Tashkent, vol.29, no.8, Aug. 1961.

12. GEOGRAPHY & GEOLOGY

a ETHNOLOGY

AKADEMIIA NAUK SSSR. Institut etnografii. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Ethnography. Transactions]. Moscow, vol.70, 1961.

Contents: Averkieva, IU. P. [Decay of the tribal system and formation of early class relations in the community of Indians of the northwestern shore of North America] Raziozhenie rodovol obshchiny i formirovanie ranneklassovykh otnoshenii v obshchestve indeitsev severo-zapadnogo poberezh'ia Severnoi Ameriki. 371 p.

b. GEOGRAPHY

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Otdel geografii. Trudy [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Section of Geography. Transactions]. Alma-Ata, no.8, 1961.

AKADEMIIA NAUK SSSR. Institut okeanologii. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Oceanography. Transactions]. Moscow, vols.37,40, 1960.

AKADEMIIA NAUK SSSR. Laboratoriia ozerovedeniia. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Laboratory of Limnology. Transactions]. Moscow, vol.11, 1960.

GEOGRAFICHESKOE OBSHCHESTVO SSSR. Krymskii otdel. Izvestiia [GEOGRAPHIC SOCIETY OF THE U.S.S.R. Crimean Branch. Bulletin]. Simferopol', no.1, 1951; no.3, 1954; no.4, 1957.

GEOGRAFICHNYI ZBIRNYK [GEOGRAPHIC REVIEW]. Issued by Geograficlne tovarystvo URSR [Geographic Society of the Ukrainian S.S.R.]. Kiev, no.4, 1961. [In Ukrainian.]

GEOGRAFIIA V SHKOLE [GEOGRAPHY IN SCHOOLS]. Issued by Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol.24, nos.4-5, July-Oct. 1961.

LENINGRAD. ARKTICHESKII I ANTARKTICHESKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT. Trudy [ARCTIC AND ANTARCTIC SCIENTIFIC RESEARCH INSTITUTE. Transactions]. Vol.229, 1961.

LENINGRAD. GOSUDARSTVENNYI GIDROLOGICHESKII INSTITUT. Trudy [STATE HYDROLOGICAL INSTITUTE. Transactions]. No. 91, 1961.

MOSCOW. GOSUDARSTVENNYI OKEANOGRAFICHESKII INSTITUT. Trudy [STATE OCEANOGRAPHICAL INSTITUTE Transactions]. Nos. 63-65, 1961.

REFERATIVNYI ZHURNAL GEOGRAFIIA [JOURNAL OF ABSTRACTS: GEOGRAPHY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 8-9, Aug.-Sep. 1961.

VOKRUG SVETA [AROUND THE WORLD]. Issued by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, no. 8, Aug. 1961.

c. GEOLOGY & PALEONTOLOGY

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Izvestiia. Geologicheskie i geograficheskie nauki [ACADEMY OF SCIENCES OF THE ARMENIAN S.S.R. Bulletin. Geological and Geographical Sciences]. Erivan, vol. 14, no. 3, 1961.

*AKADEMIIA NAUK SSSR. Izvestiia. Seriia geologicheskaia [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Geological Series]. Moscow, vol. 26, no. 9, Sep. 1961.

AKADEMIIA NAUK SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of the Geology of Ore Deposits, Petrology, Mineralogy, and Geochemistry. Transactions]. Moscow, no. 41, 1961.
No. 67, 1961.
Contents Litsarev, M.A. [Genesis of Aldan phlogopite deposits] Genezis flogopitovykh mestorozhdenii Aldana. 186 p.

AKADEMIIA NAUK SSSR. Sibirskoe otdelenie. Institut geologii i geofiziki. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Siberian Department. Institute of Geology and Geophysics. Transaction]. No. 3, 1960.
Contents Khlonova, A.F. [Specific composition of pollen and spore complexes in upper Cretaceous deposits of the Chulym-Yenisey Depression] Vidovoi sostav pyl'tsy i spor v otlozheniiakh verkhnego mela Chulymo-Eniseiskoi vpadiny. 104 p.

AKADEMIIA NAUK URSR, Kiev. Instytut geologichnykh nauk. Trudy Seriia geotektoniky i geofizyky [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Institute of Geological Sciences. (Transactions). Series in Geotectonics and Geophysics]. Kiev, no. 8, 1961.
Contents: Bondarchuk, V.G. [Basic problems relative to the tectonic movements and orogenesis] Osnovnye voprosy tektoorogenii. 381 p.

LENINGRAD. VSESOIUZNYI NEFTIANOI NAUCHNO-ISSLEDOVATEL'SKII GEOLOGORAZVEDOCHNYI INSTITUT. Trudy [ALL-UNION PETROLEUM (SCIENTIFIC RESEARCH) GEOLOGICAL PROSPECTING INSTITUTE. Transactions]. No. 122, 1958.
Contents: Trizna, V.B. [Early Carboniferous polyzoans of the Kuznetsk Basin] Rannekamennougol'nye mshanki Kuznetskoi kotloviny. 208 p.
No. 162, 1961.
Contents: Vasilenko, V.K. [Geological history of the Zaysan Depression] Geologicheskaia istoriia Zaisanskoi vpadiny. 276 p.
No. 164, 1961.
Contents: Sokolova, E.I., Ivanova, E.N., Egorov, I.P. [Permian and Triassic sediments in the Yuzhnaya Emba and their oil potential] Permskie i triasovye otlozheniia IUzhnoi Emby i ikh neftenosnost'. 194 p.
No. 165, 1961.
No. 167, 1961.
Contents: IAkutseni, V.P. [Hydrology of the southeastern Caspian Lowland in connection with oil and gas potentials] Gidrogeologiia iugo-vostoka Prikaspiiskoi vpadiny v sviazi s neftegazonosnost'iu 230 p.
No. 168, 1961.
Contents: Gerber, M.I., Dvali, M.F. [Natural compressed gases as a probable factor in the migration of petroleum out of mother rocks] Prirodnye szhatye gazy kak veroiatnyi faktor migratsii nefti iz materinskikh porod. 82 p.

METODY IZUCHENIIA TEKTONICHESKIKH STRUKTUR [METHODS FOR STUDYING TECTONIC STRUCTURES]. Issued by Geologicheskii Institut Akademii nauk SSSR [Geological Institute of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 1, 1960; no. 2, 1961.

PALEONTOLOGICHESKII ZHURNAL [PALEONTOLOGICAL JOURNAL]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, no. 1, 1961.

REFERATIVNYI ZHURNAL GEOLOGIIA [JOURNAL OF ABSTRACTS GEOLOGY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 9, Sep. 1961.

UZBEK SSR. Geologicheskoe upravlenie. Trudy [UZBEK S.S.R. Geological Administration. Transactions]. Moscow, no. 1, 1960.

VOPROSY MIKROPALEONTOLOGII [PROBLEMS OF MICROPALEONTOLOGY]. Issued by Geologicheskii institut Akademii nauk SSSR [Geological Institute of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 5, 1961.

13. SCIENCE

a. GENERAL

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Doklady [ACADEMY OF SCIENCES OF THE ARMENIAN S.S.R. Reports]. Erivan, vol. 32, no. 4, 1961.

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Izvestiia Seriia fiziko-matematicheskikh nauk [ACADEMY OF SCIENCES OF THE ARMENIAN S.S.R. Bulletin. Series in Physical and Mathematical Sciences]. Erivan, vol. 14, no. 3, 1961.

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Doklady [ACADEMY OF SCIENCES OF THE AZERBAIJAN S.S.R. Reports] Baku, vol. 17, no. 6, 1961. [In Russian or Azerbaijani with summaries in the other language.]

*AKADEMIIA NAUK SSSR. Doklady [ACADEMY OF SCIENCES OF THE U.S.S.R. Reports]. Moscow, vol. 139, nos. 5-6, Aug. 1961.

AKADEMIIA NAUK TURKMENSKOI SSR, Ashkhabad. Izvestiia. Seriia fiziko-tekhnicheskikh, khimicheskikh i geologicheskikh nauk [ACADEMY OF SCIENCES OF THE TURKMEN S.S.R. Bulletin. Series in the Physical and Technological, Chemical, and Geological Sciences]. Ashkhabad, no. 1, 1961.

AKADEMIIA NAUK URSR, Kiev. Dopovidi [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Reports]. Kiev, no. 7, 1961. [In Ukrainian.]

AKADEMIIA NAVUK BSSR, Minsk. Doklady [ACADEMY OF SCIENCES OF THE WHITE RUSSIAN S.S.R. Reports]. Minsk, vol. 5, no. 8, Aug. 1961.

FAN VA TURMUSH [SCIENCE AND LIFE]. Issued by Akademiia nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S.S.R.]. Tashkent, no. 8(54), Aug. 1961. [In Uzbek.]

IZ ISTORII NAUKI I TEKHNIKI V STRANAKH VOSTOKA [FROM THE HISTORY OF SCIENCE AND TECHNOLOGY IN THE COUNTRIES OF THE EAST]. Issued by Institut istorii estestvoznaniia i tekhniki Akademii nauk SSSR [Institute of the History of Natural Sciences and Technology of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 1, 1960.

NAUKA I ZHIZN' [SCIENCE AND LIFE]. Issued by Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii [All-Union Society for Dissemination of Political and Scientific Knowledge]. Moscow, vol. 28, nos. 7-8, July-Aug. 1961.

NAUKA I ZHYTTIA [SCIENCE AND LIFE]. Published by Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR [Society for Dissemination of Political and Scientific Knowledge of the Ukrainian S.S.R.]. Kiev, vol. 10, no. 3(108), Mar. 1960; vol. 11, no. 7, July 1961. [In Ukrainian.]

NOVYE KNIGI ZA RUBEZHOM. Seriia A: Matematika, mekhanika, astronomiia, fizika, geofizika, khimiia, geologiia [NEW FOREIGN BOOKS. Series A: Mathematics, Mechanics, Astronomy, Physics, Geophysics, Chemistry, Geology]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, vol. 14, no. 9, Sep. 1961.

PRIRODA [NATURE]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 50, no. 9, Sep. 1961.

ZNANIE - SILA [KNOWLEDGE IS POWER]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po professional'no-tekhnicheskomu obrazovaniiu [State Committee of the Council of Ministers of the U.S.S.R. for Industrial Training]. Moscow, vol. 36, no. 8, Aug. 1961.

ZNANNIA TA PRATSIA [KNOWLEDGE AND WORK]. Issued by TSentral'nyi komitet Lenins'koho komunistychnoho soiuza molodi Ukrainy [Central Committee of the Ukrainian Communist Youth League of Lenin]. Kiev, nos. 7(257)-10(260), July-Oct. 1961. [In Ukrainian.]

b. ASTRONOMY

AKADEMIIA NAUK SSSR. Institut teoreticheskoi astronomii. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Theoretical Astronomy. Transactions]. Leningrad, no. 8, 1961.

*ASTRONOMICHESKII ZHURNAL [ASTRONOMICAL JOURNAL] Published by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 38, no. 4, July-Aug. 1961

MOSCOW. UNIVERSITET. Gosudarstvennyi astronomicheskii institut. Soobshcheniia [UNIVERSITY. State Astronomical Institute. Reports]. Nos. 105, 112, 116, 1961.

MOSCOW. UNIVERSITET. Gosudarstvennyi astronomicheskii institut. Trudy [UNIVERSITY. State Astronomical Institute. Transactions] Vol. 30, 1961.

REFERATIVNYI ZHURNAL ASTRONOMIIA I GEODEZIIA [JOURNAL OF ABSTRACTS ASTRONOMY AND GEODESY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 9, Sep. 1961.

c. BIOLOGY

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Izvestiia. Biologicheskie nauki [ACADEMY OF SCIENCES OF THE ARMENIAN S.S.R. Bulletin. Biological Sciences] Erivan, vol. 14, no. 6, 1961.

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Izvestiia. Seriia biologicheskikh i meditsinskikh nauk ACADEMY OF SCIENCES OF THE AZERBAIJAN S.S.R. Bulletin. Series in the Biological and Medical Sciences]. Baku, nos. 5-6, 1961. [In Russian or Azerbaijani with summaries in the other language.]

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. Institut eksperimental'noi morfologii. Trudy [ACADEMY OF SCIENCES OF THE GEORGIAN S.S.R. Institute of Experimental Morphology. Transactions]. Tiflis, vol. 9, 1960. [In Russian or Georgian with summaries in the other language.]

AKADEMIIA NAUK SSSR. Baikal'skaia limnologicheskaia stantsiia. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Baikal Limnological Station. Transactions]. Moscow, vol. 20, 1961.
Contents Votintsev, K.K. [Hydrochemistry of Lake Baikal] Gidrokhimiia ozera Baikal. 310 p.

AKADEMIIA NAUK TURKMENSKOI SSR, Ashkhabad. Izvestiia. Seriia biologicheskikh nauk [ACADEMY OF SCIENCES OF THE TURKMEN S.S.R. Bulletin. Series in the Biological Sciences]. Ashkhabad, no. 1, 1961.

AKADEMIIA NAUK URSR, Kiev. Instytut hidrobiologii. Trudy [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Institute of Hydrobiology. Transactions]. Kiev, no. 36, 1961. [With summaries in English.]

BAKU. Estestvenno-istoricheskii muzei. Trudy [Natural History Museum. Transactions]. No. 10, 1955.
No. 12, 1960.
Contents: Dzhafarov, R.D. [The rhinoceros of Binagady] Binagadinskii nosorog. 99 p.

FIZIOLOGICHESKII ZHURNAL SSSR [PHYSIOLOGICAL JOURNAL OF THE U.S.S.R.]. Issued by Vsesoiuznoe fiziologicheskoe obshchestvo [All-Union Physiological Society]. Moscow, vol. 47, no. 8, Aug. 1961. [With summaries in English.]

IUNYI NATURALIST [YOUNG NATURALIST]. Issued by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi and TSentral'nyi sovet Vsesoiuznoi pionerskoi organizatsii imeni V.I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and Central Council of the All-Union Lenin Pioneers]. Moscow, no. 9, Sep. 1961.

KOMAROVSKIE CHTENIIA [KOMAROV LECTURES]. Issued by Botanicheskii institut Akademii nauk SSSR [Botanical Institute of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 9, 1961.

RADIOBIOLOGIIA [RADIOBIOLOGY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 1, no. 3, 1961.

REFERATIVNYI ZHURNAL BIOLOGHIA [JOURNAL OF ABSTRACTS BIOLOGY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, nos.17-18, Sep. 1961, Predmetnyi ukazatel' za 1956-1957 gg [Subject index for 1956-1957], vol.1

REFERATIVNYI ZHURNAL KHIMIIA, BIOLOGICHESKAIA KHIMIIA [JOURNAL OF ABSTRACTS CHEMISTRY, BIOLOGICAL CHEMISTRY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos.15-17, Aug.-Sep. 1961.

TSITOLOGIIA [CYTOLOGY] Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.] Moscow, vol.3, no.4, July-Aug 1961.

UKRAINS'KYI BOTANICHNYI ZHURNAL [UKRAINIAN BOTANICAL JOURNAL] Issued by Instytut botaniky Akademii nauk URSR [Botanical Institute of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol.18, no.4, 1961. [In Ukrainian.]

VSESOIUZNOE FIZIOLOGICHESKOE OBSHCHESTVO IMENI I.P. PAVLOVA. Kirovskoe otdelenie. Trudy [I.P. PAVLOV ALL-UNION PHYSIOLOGICAL SOCIETY. Kirov Branch Transactions]. Kirov, vol.1, no 1, 1960

ZOOLOGICHESKII ZHURNAL [ZOOLOGICAL JOURNAL] Published by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol.40, nos.8-9, Aug.-Sep. 1961. [With summaries in English.]

d CHEMISTRY

*AKADEMIIA NAUK SSSR. Izvestiia. Otdelenie khimicheskikh nauk [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Department of Chemical Sciences]. Moscow, no.8, Aug 1961.

AZERBAIDZHANSKII KHIMICHESKII ZHURNAL [AZERBAIJAN CHEMICAL JOURNAL]. Issued by Akademiia nauk Azerbaidzhanskoi SSR [Academy of Sciences of the Azerbaijan S.S.R.]. Baku, nos. 2-5, 6(12), 1960, nos. 1(13)-2(14), 1961. [In Russian or Azerbaijani with summaries in the other language.]

KHIMIIA V SHKOLE [CHEMISTRY IN SCHOOLS]. Organ of Ministerstvo prosveshchenia RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol.16, no.4, July-Aug. 1961.

*KOLLOIDNYI ZHURNAL [COLLOID JOURNAL]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol.23, no.4, July-Aug. 1961. [With summaries in English.]

REFERATIVNYI ZHURNAL KHIMIIA [JOURNAL OF ABSTRACTS CHEMISTRY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos.16-17, Aug.-Sep. 1961; Avtorskii ukazatel' za 1957 g. [Author Index for 1957], vol.1, Ukazateli za 1955-1956 gg. [Indexes for 1955-1956], vol 13, predmetnyi ukazatel' [Subject Index] Ts-Ia; Ukazateli za 1959 g [Indexes for 1959], vol.5, patentnyi ukazatel' [Patent Index]

*USPEKHI KHIMII [PROGRESS IN CHEMISTRY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol.30, no.7, July 1961.

UZBEKSKII KHIMICHESKII ZHURNAL [UZBEK CHEMICAL JOURNAL]. Issued by Akademiia nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S.S.R.]. Tashkent, no.4, 1961.

*ZHURNAL FIZICHESKOI KHIMII [JOURNAL OF PHYSICAL CHEMISTRY]. Published by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol.35, no.8, Aug. 1961. [With summaries in English.]

*ZHURNAL NEORGANICHESKOI KHIMII [JOURNAL OF INORGANIC CHEMISTRY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol.6, no.8, Aug. 1961.

*ZHURNAL OBSHCHEI KHIMII [JOURNAL OF GENERAL CHEMISTRY]. Published by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol.31, no.8, Aug. 1961.

e. MATHEMATICS

AKADEMIIA NAUK SSSR, Izvestiia. Seriia matematicheskaia [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin, Mathematical Series]. Moscow, vol.25, nos.2,4, Mar.-Apr., July-Aug. 1961

ISTORIKO-MATEMATICHESKIE ISSLEDOVANIIA [STUDIES IN THE HISTORY OF MATHEMATICS] Issued by Gos. izd-vo tekhniko-teoreticheskoi lit-ry [State Publishing House of Technical and Theoretical Literature] Moscow, no 13, 1960.

MATEMATICHESKII SBORNIK [MATHEMATICAL REVIEW]. Published by Akademiia nauk SSSR and Moskovskoe matematicheskoe obshchestvo [Academy of Sciences of the U.S.S.R and the Moscow Mathematical Society]. Moscow, vol 54(96), nos.2-4, June-Aug 1961.

MATEMATIKA V SHKOLE [MATHEMATICS IN SCHOOLS]. Issued by Ministerstvo prosveshchenia RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, no 4, July-Aug 1961

MOSCOW UNIVERSITET. Vestnik. Seriia 1 Matematika, mekhanika [UNIVERSITY. Review. Series 1: Mathematics, Mechanics]. Vol.16, no.4, July-Aug. 1961.

OBOBSHCHENNYE FUNKTSII [GENERALIZED FUNCTIONS]. Published by Gosudarstvennoe izdatel'stvo fiziko-matematicheskoi literatury [State Publishing House of Physical and Mathematical Literature]. Moscow, no.4, 1961.
Contents: Gel'fand, I.M., Vilenkin, N.IA. [Some applications of harmonic analysis. "Fitted" Hilbert spaces] Nekotorye primenenia garmonicheskogo analiza. Osnashchennye gil'bertovy prostranstva. 472 p.

REFERATIVNYI ZHURNAL. MATEMATIKA [JOURNAL OF ABSTRACTS MATHEMATICS] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no.9, Sep 1961

UKRAINSKII MATEMATICHESKII ZHURNAL [UKRAINIAN MATHEMATICAL JOURNAL]. Organ of Instytut matematiki Akademii nauk URSR [Institute of Mathematics of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol.13, no.2, 1961.

USPEKHI MATEMATICHESKIKH NAUK [PROGRESS IN THE MATHEMATICAL SCIENCES]. Published by Moskovskoe matematicheskoe obshchestvo [Moscow Mathematical Society]. Moscow, vol.16, nos.3(99)-4(100), May-Aug. 1961.

ZHURNAL VYCHISLITEL'NOI MATEMATIKI I MATEMATICHESKOI FIZIKI [JOURNAL OF COMPUTER MATHEMATICS AND MATHEMATICAL PHYSICS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol.1, nos.1-4, Jan.-Aug. 1961.

f PHYSICS

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Institut iadernoi fiziki. Trudy [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Institute of Nuclear Physics. Transactions]. Alma-Ata, vol.4, 1961.

*AKADEMIIA NAUK SSSR. Izvestiia. Seriia fizicheskaia [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Physical Series]. Moscow, vol.25, no.8-9, Aug.-Sep. 1961.

AKADEMIIA NAUK UZBEKSKOI SSR, Tashkent. Izvestiia. Seriia fiziko-matematicheskikh nauk [ACADEMY OF SCIENCES OF THE UZBEK S.S.R. Bulletin. Series in Physical and Mathematical Sciences]. Tashkent, vol.3, 1961.

APPARATURA DLIA IADERNOI SPEKTROMETRII; nauchno-tekhnicheskii sbornik [APPARATUS FOR NUCLEAR SPECTROMETRY; Scientific and Technical Papers]. No.1, 1960.

*FIZIKA TVERDOGO TELA [SOLID STATE PHYSICS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol.2, nos.2-3, Feb.-Mar. 1960; vol.3, nos.7-8, July-Aug. 1961.

FIZIKA V SHKOLE [PHYSICS IN SCHOOLS]. Organ of Ministerstvo prosveshchenia RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol.21, nos.2-3, Mar.-June. 1961.

ISSLEDOVANIIA SEREBRISTYKH OBLAKOV [INVESTIGATIONS OF NOCTILUCENT CLOUDS]. Issued by Astronomicheskaia observatoriia Leningradskogo gosudarstvennogo universiteta [Astronomical Observatory of Leningrad State University]. No.1, 1960.

KIEV. UKRAINSKII NAUCHNO-ISSLEDOVATEL'SKII GIDROMETEOROLOGICHESKII INSTITUT. Trudy [UKRAINIAN SCIENTIFIC RESEARCH HYDROMETEOROLOGICAL INSTITUTE. Transactions]. Nos.23,25, 1961.

KIEV. UNIVERSITET. Visnyk [UNIVERSITY. Review], no.2. Seriia fizyky ta khimii [Series in Physics and Chemistry]. No.1., 1959. [In Ukrainian.]

*KRISTALLOGRAFIIA [CRYSTALLOGRAPHY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.] Moscow, vol.6, nos.3-4, May-Aug. 1961.

KURSK. GIDROMETEOROLOGICHESKAIA OBSERVATORIIA. Sbornik rabot [HYDROMETEOROLOGICAL OBSERVATORY. Collected Papers]. Moscow, no.1, 1960.

LENINGRAD. GLAVNAIA GEOFIZICHESKAIA OBSERVATORIIA. Trudy [MAIN GEOPHYSICAL OBSERVATORY. Transactions]. Nos.110, 120, 122-123, 1961

METEOROLOGIIA I GIDROLOGIIA [METEOROLOGY AND HYDROLOGY]. Issued by Glavnoe upravlenie gidrometeorologicheskoi sluzhby pri Sovete Ministrov SSSR [Main Administration of Hydrometeorological Service, Attached to the Council of Ministers of the U.S.S.R.]. Leningrad, no 9, Sep. 1961.

MOSCOW. NAUCHNO-ISSLEDOVATEL'SKII INSTITUT AEROKLIMATOLOGII. Trudy [SCIENTIFIC RESEARCH INSTITUTE OF AEROCLIMATOLOGY. Transactions]. Moscow, no.10, 1961.
No 13, 1961
Contents Stolypina, N.V. [Evolution of baric formations as related to the nature of day to day pressure variations at standard altitudes] Evoliutsiia baricheskikh obrazovanii v zavisimosti ot kharaktera mezhdusutochnykh izmenenii davlenila na standartnykh vysotakh. 75 p.

MOSCOW. TSENTRAL'NYI INSTITUT PROGNOZOV. Trudy [CENTRAL WEATHER INSTITUTE. Transactions]. No.81, 1961.

OPTIKA I SPEKTROSKOPIIA [OPTICS AND SPECTROSCOPY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol 10, no.3, 5-6, Mar., May-June 1961, vol.11, no.?, Aug. 1961

REFERATIVNYI ZHURNAL: FIZIKA [JOURNAL OF ABSTRACTS: PHYSICS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, no.9, Sep 1961. Avtorskii ukazatel' za 1960 g. [Author Index for 1960].

REFERATIVNYI ZHURNAL GEOFIZIKA [JOURNAL OF ABSTRACTS GEOPHYSICS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no.9, Sep. 1961. Predmetnyi ukazatel' za 1960 g. [Subject Index for 1960].

REFERATIVNYI ZHURNAL MEKHANIKA [JOURNAL OF ABSTRACTS: MECHANICS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow,, no.9, Sep. 1961.

RUSSIA (1923- U.S.S.R.) Glavnoe upravlenie gidro
[illegible]

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i
[illegible]
Moscow, no.3, 1961.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovania. Izvestiia vysshikh uchebnykh zavedenii; radiofizika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Radio Physics]. Moscow, vol.4, no.1, 1961. [With summaries in English.]

TIFLIS. GIDROMETEOROLOGICHESKAIA OBSERVATORIIA. Sbornik rabot [HYDROMETEOROLOGICAL OBSERVATORY. Collected Papers]. Moscow, no.1, 1960.

TIFLIS. NAUCHNO-ISSLEDOVATEL'SKII GIDROMETEOROLOGICHESKII INSTITUT. Trudy [HYDROMETEOROLOGICAL SCIENTIFIC RESEARCH INSTITUTE. Transactions]. Leningrad, no.7, 1960.

UKRAINS'KYI FIZYCHNYI ZHURNAL [UKRAINIAN PHYSICAL JOURNAL]. Issued by Viddil fizyko-matematychnykh nauk Akademii nauk URSR [Department of Physical and Mathematical Sciences of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol.6, no.3, May-June 1961. [In Ukrainian with summaries in Russian and English.]

*USPEKHI FIZICHESKIKH NAUK [PROGRESS IN THE PHYSICAL SCIENCES]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol.74, no.4, Aug. 1961.

VOPROSY MEKHANIKI, sbornik statei [PROBLEMS OF MECHANICS, Collected Papers]. Issued by Moskovskii gosudarstvennyi universitet [Moscow State University]. No. 193, 1961.

ZHURNAL EKSPERIMENTAL'NOI I TEORETICHESKOI FIZIKI [JOURNAL OF EXPERIMENTAL AND THEORETICAL PHYSICS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 40, nos. 3, 6, Mar., June 1961. [With summaries in English.]

14. MEDICINE

a. GENERAL

BIULLETEN' EKSPERIMENTAL'NOI BIOLOGII I MEDITSINY [BULLETIN OF EXPERIMENTAL BIOLOGY AND MEDICINE] Issued by Akademiia meditsinskikh nauk SSSR [Academy of Medical Sciences of the U.S.S.R.]. Moscow, vol. 51, nos. 4-5, Apr.-May 1961. [With summaries in English.]

KLINICHESKAIA MEDITSINA [CLINICAL MEDICINE]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, no. 7, 1961. [With summaries in English.]
(DNLM)

MEDITSINSKII REFERATIVNYI ZHURNAL [MEDICAL ABSTRACTS]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, Razdel [Section] 1, vol. 5, no. 9, Sep. 1961, Razdel [Section] 2, vol. 5, nos. 9-10, Sep.-Oct. 1961, Razdel [Section] 3, vol. 5, nos. 9-10, Sep.-Oct. 1961, Razdel [Section] 4, vol. 5, no. 9, Sep. 1961, Razdel [Section]5, vol. 5, no. 9, Sep. 1961, Razdel [Section] 6, vol. 5, no. 9, Sep. 1961, Razdel [Section]8, vol. 5, no. 9, Sep. 1961, Razdel [Section] 9, vol. 5, no. 9, Sep. 1961, Razdel [Section] 10, vol. 5, no. 9, Sep. 1961.

PEZIRIA SENETETSII [HEALTH SERVICE]. Organ of the Ministry of Health of the Moldavian S.S.R. Kishinev, vol. 3, nos. 5-6, Sep.-Dec., 1960, vol. 4, no. 4, July-Aug. 1961. [In Moldavian.]

PROBLEMY ENDOKRINOLOGII I GORMONOTERAPII [PROBLEMS OF ENDOCRINOLOGY AND HORMONE THERAPY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 7, no. 4, 1961. [With summaries in English.]
(DNLM)

VOENNO-MEDITSINSKII ZHURNAL [JOURNAL OF MILITARY MEDICINE]. Issued by Voenno-meditsinskoe upravlenie Ministerstva oborony SSSR [Military Medicine Administration of the Ministry of Defense of the U.S.S.R.]. Moscow, nos. 5-6, May-June 1961.

b. GYNECOLOGY, OBSTETRICS & PEDIATRICS

PEDIATRIIA [PEDIATRICS]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, no. 9, 1961. [With summaries in English.]
(DNLM)

VOPROSY OKHRANY MATERINSTVA I DETSTVA [PROBLEMS OF MOTHER AND CHILD CARE]. Issued by Ministerstvo zdravookhraneniia RSFSR [Ministry of Health of the R.S.F.S.R.]. Moscow, vol. 6, no. 7, July 1961. [With summaries in English.]

c. PATHOLOGY & THERAPEUTICS

ARKHIV PATOLOGII [ARCHIVES OF PATHOLOGY]. Published by Akademiia meditsinskikh nauk SSSR [Academy of Medical Sciences of the U.S.S.R.]. Moscow, vol. 21, nos. 9-10, 1959.
(DNLM)

g. PUBLIC HEALTH & NURSING

LENINGRAD. SANITARNO-GIGIENICHESKII MEDITSINSKII INSTITUT. Trudy [MEDICAL INSTITUTE OF SANITATION AND HYGIENE. Transactions]. Vol. 62, 1960.

h. SURGERY & DENTISTRY

ORTOPEDIIA, TRAVMATOLOGIIA I PROTEZIROVANIE [ORTHOPEDICS, TRAUMATOLOGY, AND PROSTHESIS]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, nos. 5-7, 1961.
(DNLM)

15. AGRICULTURE

a. GENERAL

AGRIKULTURA SHI VITERITUL MOLDOVEI [AGRICULTURE AND ANIMAL HUSBANDRY OF MOLDAVIA] Kishinev, vol. 5, nos. 9-10, Sep.-Oct. 1960, vol. 6, no. 8, Aug. 1961 [In Moldavian.]
(DA)

AKADEMIIA NAUK TADZHIKSKOI SSR. Stalinabad. Otdelenie sel'skokhoziaistvennykh i biologicheskikh nauk Izvestiia [ACADEMY OF SCIENCES OF THE TAJIK S.S.R. Department of Agricultural and Biological Sciences. Bulletin]. Stalinabad, no. 1, 1959, no. 1, 1960

EKONOMIKA SEL'SKOGO KHOZIAISTVA [ECONOMICS OF AGRICULTURE] Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 32, no. 8, Aug. 1961

GIDROTEKHNIKA I MELIORATSIIA [HYDRAULIC ENGINEERING AND RECLAMATION]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.] Moscow, vol. 13, nos. 3, 8, Mar., Aug. 1961.

ḲAZAḴSTANNYN AUYL SHARUASHYLYGY [KAZAKHSTAN AGRICULTURE]. Alma-Ata, no. 7, July 1961. [In Kazakh.]

KHARKOV SIL'S'KOHOSPODAR'KYI INSTYTUT. Trudy [AGRICULTURAL INSTITUTE. Transactions] Vol. 25(62), 1960.

KHOČHAGII ḲISHLOḲI TOČHIKISTON [AGRICULTURE OF TAJIKISTAN]. Organ of the Ministry of Agriculture of the Tajik S.S.R. Stalinabad, vol. 15, no. 8, Aug. 1961. [In Tajik.]

KOLHOSPNYK UKRAINY [COLLECTIVE FARMER OF THE UKRAINE]. Issued by Ministerstvo sil's'koho hospodarstva URSR [Ministry of Agriculture of the Ukrainian S.S.R.]. Kiev, vol. 8, no. 9(85), Sep. 1961. [In Ukrainian.]

KOLKHOZNOE PROIZVODSTVO [COLLECTIVE FARM PRODUCTION]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 21, nos. 8-9, Aug.-Sep. 1961

KYRGYZSTANDYN AIYL CHARBASY [AGRICULTURE OF KIRGHIZISTAN]. Issued by the Ministry of Agriculture of the Kirghiz S.S.R. Frunze, no. 8, Aug. 1961. [In Kirghiz.]

KYRGYZSTANDYN AIYL CHARBASY [AGRICULTURE OF KIRGHIZISTAN]. Issued by the Ministry of Agriculture of the Kirghiz S.S.R. Frunze, nos. 8, 10, Aug., Oct. 1960 [In Kirghiz.]

MOSCOW. MOSKOVSKAIA SEL'SKOKHOZIAISTVENNAIA AKADEMIIA IM. TIMIRIAZEVA. Doklady [TIMIRIAZEV AGRICULTURAL ACADEMY OF MOSCOW. Reports]. No. 2(39), 1961. [With summaries in English.]

OMSK. SEL'SKOKHOZIAISTVENNYI INSTITUT. Trudy [AGRICULTURAL INSTITUTE. Transactions]. Vol. 42, 1960, vol. 43, 1961.

SARATOV. INSTITUT MEKHANIZATSII SEL'SKOGO KHOZIAISTVA. Trudy [INSTITUTE OF THE MECHANIZATION OF AGRICULTURE. Transactions]. No. 23, 1960.

SEL'SKAIA HASPADARKA BELARUSI [AGRICULTURE OF WHITE RUSSIA]. Issued by Ministerstvo sel'skai haspadarki Belaruskai SSR [Ministry of Agriculture of the White Russian S.S.R.]. Minsk, vol. 9, no. 9(105), Sep. 1961. [In White Russian.]

SEL'SKOE KHOZIAISTVO; sistematicheskii ukazatel' statei v inostrannykh zhurnalakh [AGRICULTURE, Classed Index of Articles in Foreign Periodicals]. Issued by TSentral'naia nauchnaia sel'skokhoziaistvennaia biblioteka and Vsesoiuznaia gosudarstvennaia biblioteka inostrannoi literatury [Central Agricultural Library and the All-Union State Library of Foreign Literature]. Moscow, no. 7(75), 1961.

SEL'SKOE KHOZIAISTVO BELORUSSII [AGRICULTURE OF WHITE RUSSIA]. Issued by Ministerstvo sel'skogo khoziaistva Belorusskoi SSR [Ministry of Agriculture of the White Russian S.S.R.]. Minsk, vol. 9, no. 9(105), Sep. 1961.

SEL'SKOE KHOZIAISTVO KAZAKHSTANA [AGRICULTURE OF KAZAKHSTAN]. Issued by TSentral'nyi Komitet Kommunisticheskoe partii Kazakhstana [Central Committee of the Communist Party of Kazakhstan]. Alma-Ata, vol. 8, no. 8, Aug. 1961.

SEL'SKOE KHOZIAISTVO KIRGIZII [AGRICULTURE OF KIRGHIZIA]. Issued by Ministerstvo sel'skogo khoziaistva Kirgizskoi SSR [Ministry of Agriculture of the Kirghiz S.S.R.]. Frunze, vol. 7, no. 8, Aug. 1961

SEL'SKOE KHOZIAISTVO PODMOSKOV'IA [AGRICULTURE OF THE MOSCOW REGION]. Organ of Oblastnoe upravlenie sel'skogo khoziaistva [Province Administration of Agriculture]. Moscow, vol 10, no 9, Sep 1961

SEL'SKOE KHOZIAISTVO POVOLZH'IA [AGRICULTURE OF THE VOLGA VALLEY]. Organ of Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.]. Saratov, vol. 7, no. 8, Aug. 1961.

SEL'SKOE KHOZIAISTVO SEVERNOGO KAVKAZA [AGRICULTURE OF THE NORTHERN CAUCASUS]. Organ of Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.]. Krasnodar, vol. 4, nos. 8-9, Aug.-Sep. 1961.

SEL'SKOE KHOZIAISTVO SEVERO-ZAPADNOI ZONY [AGRICULTURE OF THE NORTHWESTERN ZONE] Issued by Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.] Leningrad, vol. 3, no. 9, Sep. 1961.

SEL'SKOE KHOZIAISTVO SIBIRI [AGRICULTURE OF SIBERIA] Organ of Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.] Omsk, vol. 6, no. 9, Sep. 1961.

SEL'SKOE KHOZIAISTVO TADZHIKISTANA [AGRICULTURE OF TAJIKISTAN]. Organ of Ministerstvo sel'skogo khoziaistva Tadzhikskoi SSR [Ministry of Agriculture of the Tajik S.S.R.] Stalinabad, vol. 15, no. 9, Sep. 1961.

SEL'SKOKHOZIAISTVENNAIA LITERATURA SSSR [AGRICULTURAL LITERATURE OF THE U.S.S.R.] Issued by TSentral'naia nauchnaia sel'skokhoziaistvennaia biblioteka [Central Agricultural Library] Moscow, nos. 5-6, 1961

SEVERO-ZAPADNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT SEL'SKOGO KHOZIAISTVA. Nauchnye trudy [NORTHWESTERN SCIENTIFIC RESEARCH INSTITUTE OF AGRICULTURE. Studies]. Leningrad, no. 3, pt. 3, 1959.

SOVKHOZNOE PROIZVODSTVO [STATE FARM PRODUCTION]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, nos. 8-9, Aug.-Sep. 1961.

VESTNIK SEL'SKOKHOZIAISTVENNOI NAUKI [REVIEW OF AGRICULTURAL SCIENCE]. Issued by Kazakhskaia akademiia sel'skokhoziaistvennykh nauk [Kazakh Academy of Agricultural Sciences]. Alma-Ata, vol. 4, nos. 1-3, 5-6, Jan.-Mar., May-June 1961.
(DA)

VESTNIK SEL'SKOKHOZIAISTVENNOI NAUKI [REVIEW OF AGRICULTURAL SCIENCE]. Issued by Vsesoiuznaia akademiia sel'skokhoziaistvennykh nauk imeni V.I. Lenina [All-Union Lenin Academy of Agricultural Sciences]. Moscow, vol. 6, no. 8, Aug. 1961.

VISNYK SIL'S'KOHOSPODARS'KOI NAUKY [REVIEW OF AGRICULTURAL SCIENCE]. Issued by Ukrains'ka akademiia sil's'kohospodars'kykh nauk [Ukrainian Academy of Agricultural Sciences]. Kiev, vol. 3, no. 4, Apr. 1960. [In Ukrainian.]

ZEMLEDELIE I ZHIVOTNOVODSTVO MOLDAVII [AGRICULTURE AND ANIMAL HUSBANDRY OF MOLDAVIA] Issued by Ministerstvo sel'skogo khoziaistva Moldavskoi SSR [Ministry of Agriculture of the Moldavian S.S.R.]. Kishinev, vol. 6, no. 9, Sep. 1961.

ZERNOVOY, AZOVO-CHERNOMORSKII INSTITUT MEKHANIZATSII SEL'SKOGO KHOZIAISTVA. Sbornik nauchnykh statei [AZOV-BLACK SEA INSTITUTE FOR THE MECHANIZATION OF AGRICULTURE. Collected Articles]. Rostov-on-Don, no. 8, pt. 2, 1959.

b. ANIMAL INDUSTRY

AKADEMIIA NAUK SSSR. Ikhtiologicheskaia komissiia. Trudy soveshchanii [ACADEMY OF SCIENCES OF THE U.S.S.R. Ichthyological Commission. Transactions of Conferences]. Moscow, no. 13, 1961.

LENINGRAD. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT OZERNOGO I RECHNOGO RYBNOGO KHOZIAISTVA. Izvestiia [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF LAKE AND RIVER FISHERIES. Bulletin]. Vol. 52, 1961. [With summary in English.]
Contents: Nusenbaum, L.M., Faleeva, T.I. [Biological and technical foundations of electric fishing. No. 1: Study of the behavior of fishes in the electric field] Biologicheskie i tekhnicheskie osnovy elektrolova ryby. No. 1: Issledovanie povedeniia pyby v elektricheskom pole. 92 p.

MOLOCHNAIA PROMYSHLENNOST' [DAIRY INDUSTRY]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol.22, nos 8-9, Aug -Sep. 1961

OKHOTA I OKHOTNICH'E KHOZIAISTVO [HUNTING AND GAME MANAGEMENT]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S S R.]. Moscow, vol.7, no.9, Sep 1961.

RYBNOE KHOZIAISTVO [FISHERIES]. Organ of VNIRO Glavnogo upravleniia rybnogo khoziaistva pri Gosplane SSSR [All-Union Scientific Institute of Maritime Fisheries and Oceanography of the Main Administration of Fisheries, Attached to the State Planning Commission of the U.S.S.R.]. Moscow, vol.37, nos 7-8, 1961.

RYBOVODSTVO I RYBOLOVSTVO [PISCICULTURE AND FISHING] Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol.4, no.5, Sep.-Oct. 1961.

SOTSIALISTYCHNE TVARYNNYTSTVO [SOCIALIST ANIMAL HUSBANDRY] Organ of Ministerstvo sil's'koho hospodarstva URSR [Ministry of Agriculture of the Ukrainian S.S R.]. Kiev, vol.32, nos 10-12, Oct.-Dec 1960, vol.33, nos.8-9, Aug.-Sep 1961 [In Ukrainian]
(DA)

c. FORESTRY

AKADEMIIA NAUK SSSR. Laboratoriia lesovedeniia. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Laboratory of Forestry. Transactions]. Moscow, vol.3, 1961.

MASTER LESA [MASTER LUMBERMAN]. Issued by TsK Profsoiuza rabochikh lesnoi, bumazhnoi i derevoobrabatyvaiushchei promyshlennosti [Central Committee of the Trade Union of Workers of the Forest, Paper, and Woodworking Industries]. Moscow, no.9, Sep. 1961.

d PLANT CULTURE

KISHINEV. MOLDAVSKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT SADOVODSTVA, VINOGRADARSTVA I VINODELIIA. Trudy [MOLDAVIAN SCIENTIFIC RESEARCH INSTITUTE OF FRUIT CULTURE, VITICULTURE, AND WINE MAKING. Transactions]. Vol.5, 1960.
Contents. Ungurian, P.N. [Principles of wine making in Moldavia] Osnovy vinodeliia Moldavii. 293 p

SADOVODSTVO, VINOGRADARSTVO I VINODELIE MOLDAVII [FRUIT CULTURE, VITICULTURE, AND WINE MAKING IN MOLDAVIA]. Organ of Sovet narodnogo khoziaistva and Ministerstvo sel'skogo khoziaistva Moldavskoi SSR [Economic Council and the Ministry of Agriculture of the Moldavian S.S.R.]. Kishinev, vol.16, no.9(101), Sep. 1961.
(DA)

SAKHARNAIA SVEKLA [SUGAR BEETS]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol.6, nos.5-6, 9, May-June, Sep. 1961.
(DA)

TABAK [TOBACCO]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol.22, no.3, 1961.
(DA)

VINODELIE I VINOGRADARSTVO SSSR [VITICULTURE AND WINE MAKING IN THE U.S.S.R.]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TSentral'noe pravlenie nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol.21, no.6(205), 1961.

16. TECHNOLOGY

a. GENERAL

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Izvestiia. Serila tekhnicheskikh nauk [ACADEMY OF SCIENCES OF THE ARMENIAN S.S R. Bulletin. Series in the Technological Sciences]. Erivan, vol.14, no.3, 1961

BIULLE'TEN' IZOBRETENII [BULLETIN OF INVENTIONS]. Issued by Komitet po delam izobretenii i otkrytii pri Sovete Ministrov SSSR [Committee on Inventions and Discoveries, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol.38, nos.14-15, July-Aug. 1961.

INFORMATSIONNYI UKAZATEL' STANDARTOV [INFORMATION INDEX OF STANDARDS]. Published by Gosudarstvennoe izdatel'stvo po standartizatsii [State Publishing House on Standardization]. Moscow, vol.22, no.8, 1961.

INZHENERNO-FIZICHESKII ZHURNAL [JOURNAL OF ENGINEERING PHYSICS]. Issued by Akademiia navuk BSSR [Academy of Sciences of the White Russian S.S.R.]. Minsk, vol.4, nos.3,7-9, Mar., July-Sep. 1961. [With summaries in English.]

*IZMERITEL'NAIA TEKHNIKA [MEASUREMENT TECHNIQUES]. Issued by Komitet standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR [Committee of Standards, Measures, and Measuring Instruments, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, no.9, Sep. 1961.

IZOBRETATEL' I RATSIONALIZATOR [INVENTOR AND EFFICIENCY PROMOTER]. Issued by Vsesoiuznoe obshchestvo izobretatelei i ratsionalizatorov [All-Union Society of Inventors and Efficiency Promoters]. Moscow, no.9, Sep. 1961.

LENINGRAD. LENINGRADSKII INZHENERNO-EKONOMICHESKII INSTITUT. Trudy [LENINGRAD ENGINEERING AND ECONOMICS INSTITUTE. Transactions]. No.33, 1960; no.35, 1961.

MINSK. BELORUSSKII POLITEKHNICHESKII INSTITUT. Sbornik nauchnykh trudov [WHITE RUSSIAN POLYTECHNIC INSTITUTE. Collected Scientific Papers]. No.89, 1960.

MOSCOW. MOSKOVSKOE VYSSHEE TEKHNICHESKOE UCHILISHCHE. (Trudy) [MOSCOW TECHNICAL COLLEGE. (Transactions)]. No.95, 1960; nos.101-102, 1961.

MOSCOW. TSENTRAL'NYI INSTITUT TEKHNIKO-EKONOMICHESKOI INFORMATSII. Biulleten' tekhniko-ekonomicheskoi informatsii [CENTRAL INSTITUTE OF TECHNICAL AND ECONOMIC INFORMATION. Bulletin of Technical and Economic Information]. nos.7-8, 1961.

NAUCHNO-TEKHNICHESKIE OBSHCHESTVA SSSR [SCIENTIFIC TECHNOLOGICAL SOCIETIES OF THE U.S.S.R.]. Issued by Vsesoiuznyi sovet nauchno-tekhnicheskikh obshchestv [All-Union Council of Scientific Technological Societies]. Moscow, vol.3, no.9, Sep. 1961.

NOVYE KNIGI ZA RUBEZHOM. Serila B: Tekhnika [NEW FOREIGN BOOKS. Series B Technology]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, vol.5, no.9, Sep. 1961.

PMTF, zhurnal prikladnoi mekhaniki i tekhnicheskoi fiziki [PMTF; Journal of Applied Mechanics and Technical Physics]. Issued by Sibirskoe otdelenie Akademii nauk SSSR [Siberian Department of the Academy of Sciences of the U.S.S.R.]. Moscow, no.1, May-June 1960; no.3, Sep.-Oct. 1961.

PROFESSIONAL'NO-TEKHNICHESKOE OBRAZOVANIE [VOCATIONAL TECHNICAL EDUCATION]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po professional'no-tekhnicheskomu obrazovaniiu [State Committee of the Council of Ministers of the U.S.S.R. for Vocational Technical Education]. Moscow, vol.18, no.5(192), May 1961.

PROMYSHLENNOST' ARMENII [INDUSTRY OF ARMENIA]. Issued by Sovet narodnogo khoziaistva Armianskoi SSR and Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov Armianskoi SSR [Economic Council of the Armenian S.S.R. and the State Scientific and Technical Committee of the Council of Ministers of the Armenian S.S.R.]. Erivan, vol.4, nos.5-6,8, May-June, Aug. 1961.

SVERDLOVSK. URAL'SKII POLITEKHNICHESKII INSTITUT. Trudy [URAL POLYTECHNIC INSTITUTE. Transactions]. Moscow, no.85, 1960.

*ZHURNAL TEKHNICHESKOI FIZIKI [JOURNAL OF TECHNICAL PHYSICS]. Published by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol.30, nos.2-3, Feb.-Mar. 1960; vol.31, nos.4, 8-9, Apr., Aug.-Sep. 1961.

b. AERONAUTICS

GRAZHDANSKAIA AVIATSIIA [CIVIL AVIATION]. Issued by Glavnoe upravlenie grazhdanskogo vozdushnogo flota pri Sovete Ministrov SSSR [Main Administration of Civil Aviation, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol.18, nos.7-8, July-Aug. 1961.

KRYL'IA RODINY [WINGS OF THE MOTHERLAND]. Published by Vsesoiuznoe dobrovol'noe obshchestvo sodeistviia armii, aviatsii i flotu [All-Union Volunteer Society for Assistance of the Army, Air Force, and Navy]. Moscow, vol.12, no.8, Aug. 1961.

MOSCOW. AVIATSIONNYI INSTITUT. Trudy [AERONAUTICAL INSTITUTE. Transactions]. No.134, 1961.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, aviatsionnaia tekhnika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Aviation Engineering]. Moscow, vol.4, no.3, 1961.

VOPROSY RAKETNOI TEKHNIKI; sbornik perevodov i obzorov inostrannoi periodicheskoi literatury [PROBLEMS OF ROCKET ENGINEERING, Translations and Surveys of Foreign Periodical Literature]. Published by Izd-vo inostrannoi lit-ry [Publishing House of Foreign Literature]. Moscow, vol.11, no.9(81), 1961.

c. CHEMICAL TECHNOLOGY

KAUCHUK I REZINA [CRUDE AND VULCANIZED RUBBER]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po khimii and Vsesoiuznoe khimicheskoe obshchestvo [State Committee of the Council of Ministers of the U.S.S.R. for Chemistry and the All-Union Chemical Society]. Moscow, vol.20, no.8, Aug. 1961.

KHIMICHESKAIA PROMYSHLENNOST' [CHEMICAL INDUSTRIES]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po khimii [State Committee of the Council of Ministers of the U.S.S.R. on Chemistry]. Moscow, no.8, Aug. 1961.

KHIMICHESKOE MASHINOSTROENIE [CHEMICAL MACHINERY MANUFACTURE]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R.]. Moscow, no.4, July-Aug. 1961.

KHIMIIA I TEKHNOLOGIIA TOPLIV I MASEL [CHEMISTRY AND TECHNOLOGY OF FUEL AND OIL]. Issued by Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R.] and others. Moscow, vol.6, no.8, Aug 1961.

KONSERVNAIA I OVOSHCHESUSHIL'NAIA PROMYSHLENNOST' [THE CANNING AND DEHYDRATED VEGETABLE INDUSTRY]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol.16, nos.6-7,9, June-July, Sep. 1961.

KRASNODAR. INSTITUT PISHCHEVOI PROMYSHLENNOSTI. Trudy [INSTITUTE OF THE FOOD INDUSTRY. Transactions]. No.1, 1947.

MASLOBOINO-ZHIROVAIA PROMYSHLENNOST' [OILS AND FATS INDUSTRY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. on the Coordination of Research and the Central Administration of the Scientific Technological Society of the Food Industry] Moscow, vol.27, no.8, Aug. 1961.

METODY ANALIZA ORGANICHESKIKH SOEDINENII NEFTI, IKH SMESEI I PROIZVODNYKH [METHODS FOR THE ANALYSIS OF ORGANIC PETROLEUM COMPOUNDS, THEIR MIXTURES, AND DERRIVATIVES]. Issued by Institut neftekhimicheskogo sinteza Akademii nauk SSSR [Institute for the Synthesis of Petroleum Chemicals of the Academy of Sciences of the U. S. S. R.] Moscow, no. 1, 1960.

MOSCOW. NAUCHNO-ISSLEDOVATEL'SKII KINOFOTO-INSTITUT. Trudy [SCIENTIFIC RESEARCH INSTITUTE OF MOTION PICTURES AND PHOTOGRAPHY. Transactions]. No. 34, 1960.

MOSCOW. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'-SKII INSTITUT KONSERVNOI I OVOSHCHESUSHIL'-NOI PROMYSHLENNOSTI. Trudy [CENTRAL SCIENTIFIC RESEARCH INSTITUTE FOR THE CANNING AND DEHYDRATED VEGETABLES INDUSTRY. Transactions]. No. 10, 1959.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'-SKII I KONSTRUKTORSKII INSTITUT KHIMICHESKOGO MASHINOSTROENIIA. Trudy [ALL-UNION SCIENTIFIC RESEARCH AND DESIGN INSTITUTE OF CHEMICAL ENGINEERING. Transactions] No. 27, 1959.

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, pishchevaia tekhnologiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Food Technology]. Moscow, no. 3(16), 1960, no. 4(23), 1961.

SAKHARNAIA PROMYSHLENNOST' [SUGAR INDUSTRY] Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U. S. S. R. and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 35, no. 8, Aug. 1961.

SOVETSKOE FOTO [THE SOVIET PHOTOGRAPH]. Issued by Ministerstvo kul'tury SSSR [Ministry of Culture of the U. S. S. R.]. Moscow, vol. 21, no. 8, Aug. 1961.

*STEKLO I KERAMIKA [GLASS AND CERAMICS]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U. S. S. R. for Construction]. Moscow, vol. 18, no. 8, Aug. 1961.

ZHURNAL PRIKLADNOI KHIMII [JOURNAL OF APPLIED CHEMISTRY]. Published by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 34, no. 8, Aug. 1961.

d CIVIL & CONSTRUCTION ENGINEERING

AKADEMIIA NAUK URSR, Kiev. Instytut hidrologii i hidrotekhniky. Visti [ACADEMY OF SCIENCES OF THE UKRAINIAN S. S. R. Institute of Hydrology and Hydraulic Engineering. Bulletin]. Kiev, vol. 17(24), 1960. [In Ukrainian.]

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR, Institut osnovanii i podzemnykh sooruzhenii. [Trudy] [ACADEMY OF CONSTRUCTION AND ARCHITECTURE OF THE U. S. S. R. Institute of Foundations and Underground Construction. (Transactions)]. Moscow, nos. 43-44, 1961.

BETON I ZHELEZOBETON [CONCRETE AND REINFORCED CONCRETE]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U. S. S. R. for Construction]. Moscow, no. 8, Aug. 1961.

BIULLETEN' STROITEL'NOI TEKHNIKI [BULLETIN OF CONSTRUCTION ENGINEERING]. Published by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U. S. S. R. for Construction]. Moscow, vol. 18, nos. 7-8, July-Aug. 1961.

GIDROTEKHNICHESKOE STROITEL'STVO [HYDROTECHNICAL CONSTRUCTION]. Issued by Ministerstvo stroitel'stva elektrostantsii SSSR [Ministry for the Construction of Electric Power Stations of the U.S.S.R.]. Moscow, vol. 31, no. 8, Aug. 1961.

GORODSKOE KHOZIAISTVO MOSKVY [MUNICIPAL ECONOMY OF MOSCOW]. Organ of Ispolkom Moskovskogo gorodskogo soveta deputatov trudiashchikhsia [Executive Committee of the Moscow City Soviet of Workers' Deputies]. Moscow, vol. 35, no. 8, Aug. 1961.

ISSLEDOVANIIA PO TEORII SOORUZHENII, sbornik statei [RESEARCH IN THE THEORY OF STRUCTURES collection of articles]. Published by Gosudarstvennoe izdatel'stvo literatury po stroitel'stvu i arkhitekture [State Publishing House of Literature on Construction and Architecture]. Moscow, no. 10, 1961.

MONTAZHNYE I SPETSIALIZIROVANNYE RABOTY V STROITEL'STVE [ASSEMBLING AND SPECIALIZED OPERATIONS IN CONSTRUCTION]. Organ of Ministerstvo stroitel'stva RSFSR and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva stroitel'noi industrii [Ministry of Construction of the R. S. F. S. R. and the Central Administration of the Scientific Technological Society of the Building Industry]. Moscow, vol. 23, no. 8, Aug 1961

MOSCOW. INSTITUT INZHENEROV VODNOGO KHOZIAISTVA. Informatsionnyi sbornik [INSTITUTE OF WATER RESOURCES ENGINEERS. Information Bulletin]. No. 1, 1959.

MOSCOW. INSTITUT INZHENEROV VODNOGO KHOZIAISTVA. Nauchnye zapiski [INSTITUTE OF WATER RESOURCES ENGINEERS. Studies]. Vol. 23, 1960.

NA STROIKAKH ROSSII [AT RUSSIAN CONSTRUCTION PROJECTS]. Organ of Gosudarstvennyi komitet Soveta Ministrov RSFSR po delam stroitel'stva [State Committee of the Council of Ministers of the R. S. F. S. R.]. Moscow, no. 7, July 1961.

OSNOVANIIA, FUNDAMENTY I MEKHANIKA GRUNTOV [FOUNDATIONS AND SOIL MECHANICS]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U. S. S. R. for Construction]. Moscow, vol. 3, no. 4, 1961.

POZHARNOE DELO [FIRE FIGHTING]. Issued by Ministerstvo vnutrennikh del RSFSR [Ministry of the Interoir of the R. S. F. S. R.]. Moscow, vol. 7(51), no. 8, Aug. 1961.

PUT' I PUTEVOE KHOZIAISTVO [RAILROAD TRACKS AND ROADWAY MAINTENANCE]. Organ of Ministerstvo putei soobshchenila SSSR [Ministry of Railroad Transportation of the U. S. S. R.]. Moscow, vol. 5, nos. 6-7, June-July 1961.

REFERATIVNYI ZHURNAL' TRANSPORT [JOURNAL OF ABSTRACTS, TRANSPORTATION]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 9, Sep. 1961.

SEL'SKOE STROITEL'STVO [RURAL CONSTRUCTION]. Organ of Vsesoiuznoe ob"edinenie Soveta Ministrov RSFSR "Rossel'khoztekhnika" [All-Russian Association "Rossel'khoztekhnika" of the Council of Ministers of the R. S. F. S. R.]. Moscow, vol. 10, no. 7(141), July 1961.

STROITEL' [THE BUILDER]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva and TSentral'nyi komitet Profsoiuza rabochikh stroitel'stva i promyshlennosti stroitel'nykh materialov [State Committee of the Council of Ministers of the U. S. S. R. for Construction and the Central Committee of the Trade Union of Construction and Building Materials Workers]. Moscow, nos. 7-8, July-Aug. 1961.

STROITEL'NYE MATERIALY [BUILDING MATERIALS]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U. S. S. R. for Construction]. Moscow, vol. 7, no. 8, Aug. 1961.

TASHKENT. SREDNEAZIATSKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT IRRIGATSII. Trudy [CENTRAL ASIA SCIENTIFIC RESEARCH INSTITUTE OF IRRIGATION. Transactions]. No. 108, 1960.

*TSEMENT [CEMENT]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U. S. S. R. for Construction]. Moscow, vol. 27, no. 4, July-Aug. 1961.

ZHILISHCHNOE STROITEL'STVO [HOUSING CONSTRUCTION]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva and TSentral'noe pravlenie NTO stroitel'noi industrii [State Committee of the Council of Ministers of the U. S. S. R. for Construction and the Central Administration of the Scientific Technological Society of the Building Industry]. Moscow, nos. 7-8, July-Aug. 1961.

e ELECTRICAL ENGINEERING

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis, Institut elektroniki, avtomatiki i telemekhaniki. Trudy [ACADEMY OF SCIENCES OF THE GEORGIAN S. S. R. Institute of Electronics, and Automatic and Remote Control Transactions]. Tiflis, vol. 2, 1961. [In Russian or Georgian with summaries in Russian.]

ANNOTIROVANNYI UKAZATEL' LITERATURY PO RADIOELEKTRONIKE [ANNOTATED BIBLIOGRAPHY ON ELECTRONICS]. Moscow, vol. 17, nos 15-16, 1961.

ATOMNAIA TEKHNIKA ZA RUBEZHOM [NUCLEAR ENGINEERING ABROAD]. Issued by Gosudarstvennyi Komitet Soveta Ministrov SSSR po ispol'zovaniiu atomnoi energii [State Committee of the Council of Ministers of the U. S. S. R. for the Utilization of Atomic Energy]. Moscow, vol. 5, nos. 8-9, Aug.-Sep. 1961.

ELEKTRICHESKIE STANTSII [ELECTRIC POWER STATIONS]. Organ of Gosplan SSSR, Nauchno-tekhnicheskii komitet Soveta Ministrov SSSR, and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva energeticheskoi promyshlennosti [State Planning Commission of the U. S. S. R., Scientific and Technical Committee of the Council of Ministers of the U. S. S. R., and the Central Administration of the Scientific Technological Society of the Industrial Power Industry]. Moscow, vol. 32, no. 6, June 1961.

*ELEKTRICHESTVO [ELECTRICITY]. Organ of Akademiia nauk SSSR and Ministerstvo elektrostantsii SSSR [Academy of Sciences of the U. S. S. R. and Ministry of Electric Power Stations of the U. S. S. R.]. Moscow, no. 4, Apr. 1961.

ELEKTROENERGETIKA [ELECTRIC POWER]. Issued by Energeticheskii Institut Akademii nauk SSSR [Institute of Power Engineering of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 4, 1961.

ENERGETICHESKOE STROITEL'STVO ZA RUBEZHOM, prilozhenie k sbornika "Energeticheskoe stroitel'stvo" [POWER CONSTRUCTION IN FOREIGN COUNTRIES; supplement to the periodical "Power Construction"]. Issued by Tekhnicheskoe upravlenie Ministerstva stroitel'stva elektrostantsii SSSR [Technical Administration of the Ministry for the Construction of Electric Power Stations of the U. S. S. R.]. Moscow, no. 3, 1959; no. 4, 1960.

ENERGETIK [ELECTRIC POWER TECHNICIAN]. Issued by Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TSentral'nyi Komitet Profsoiuza rabochikh elektrostantsii i elektropromyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U. S. S. R. and the Central Committee of the Trade Union of the Workers of Electric Power Stations and the Electrical Industry]. Moscow, vol. 9, nos. 4, 8, Apr., Aug. 1961.

ENERGOKHOZIAISTVO ZA RUBEZHOM, prilozhenie k zhurnalu "Elektricheskie stantsii" [ELECTRIC POWER PRODUCTION AND UTILIZATION IN FOREIGN COUNTRIES, supplement to the periodical "Electric Power Stations"]. Issued by Gosudarstvennoe energeticheskoe izdatel'stvo [State Power Engineering Publishing House]. Moscow, nos. 1-4, Jan.-Aug. 1961.

OBSHCHAIA ENERGETIKA [GENERAL POWER ENGINEERING]. Issued by Energeticheskii institut Akademii nauk SSSR [Institute of Power Engineering of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 4, 1961.

PROBLEMY PEREDACHI INFORMATSII [PROBLEMS OF TRANSMISSION OF INFORMATION]. Issued by Laboratoriia sistem peredachi informatsii Akademii nauk SSSR [Laboratory of Systems of Transmission of Information of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 7, 1960.
Contents: Pinsker, M. S. [Information and the informational stability of random quantities and processes] Informatsiia i informatsionnaia ustoichivost' sluchainykh velichin i protsessov. 201 p.
No. 10, 1961.

PROMYSHLENNAIA ENERGETIKA [INDUSTRIAL POWER]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and Nauchno-tekhnicheskoe obshchestvo energeticheskoi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U. S. S. R. and the Scientific Technological Society of the Power Industry]. Moscow, vol. 16, no. 9, Sep. 1961.

RADIO [RADIO]. Organ of Ministerstvo sviazi SSSR and Vsesoiuznoe dobrovol'noe obshchestvo sodeistviia armii, aviatsii i flotu [Ministry of Communication of the U. S. S. R. and of the All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, no. 3, Mar. 1961.

*RADIOTEKHNIKA I ELEKTRONIKA [RADIO ENGINEERING AND ELECTRONICS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.] Moscow, vol.6, no.9, Sep. 1961

REFERATIVNYI ZHURNAL AVTOMATIKA I RADIOELEKTRONIKA [JOURNAL OF ABSTRACTS AUTOMATIC CONTROL AND RADIO ENGINEERING]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no.9, Sep 1961.

REFERATIVNYI ZHURNAL ELEKTROTEKHNIKA I ENERGETIKA [JOURNAL OF ABSTRACTS ELECTRICAL ENGINEERING AND ELECTRIC POWER]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no.9, Sep 1961.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, elektromekhanika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Electrical Machinery and Apparatus]. Novocherkassk, vol.4, no 8, 1961.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, energetika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Power Engineering]. Moscow, vol. 4, no 8, Aug. 1961.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, radiotekhnika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Radio Engineering] Moscow, vol. 3, no. 6, Nov -Dec. 1960.

SVETOTEKHNIKA [ILLUMINATING ENGINEERING]. Organ of Gosudarsivennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva energeticheskoi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture and the Central Administration of the Scientific Technological Society of the Power Industry]. Moscow, vol.7, nos.3,7, Mar., July 1961.

VESTNIK ELEKTROPROMYSHLENNOSTI [REVIEW OF THE ELECTRICAL INDUSTRY]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR, Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva energeticheskoi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R., State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture, and the Central Administration of the Scientific Technological Society of the Power Industry]. Moscow, vol.32, nos.8-9, Aug.-Sep. 1961.

f. INDUSTRIES & TRADES

AKADEMIIA NAUK URSR, Kiev. Instytut elektrozvariuvannia. Avtomaticheskaia svarka [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Institute of Electric Welding. Automatic Welding]. Kiev, vol 14, no.9(102), Sep. 1961.

MOSCOW. NAUCHNO-ISSLEDOVATEL'SKII INSTITUT SHINNOI PROMYSHLENNOSTI. Trudy [SCIENTIFIC RESEARCH INSTITUTE OF THE TIRE INDUSTRY. Transactions]. No.7, 1960.

OBSHCHESTVENNOE PITANIE [PUBLIC FOOD SERVICE]. Issued by Ministerstvo torgovli RSFSR [Ministry of Commerce of the R.S.F.S.R.]. Moscow, nos 6-7, June-July 1961.

*SVAROCHNOE PROIZVODSTVO [WELDING PRACTICE]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R.] and others. Moscow, nos.8-9, Aug.-Sep. 1961.

TEKSTIL'NAIA PROMYSHLENNOST' [TEXTILE INDUSTRY]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva legkoi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. and the Central Administration of the Scientific Technological Society of Light Industry]. Moscow, vol.21, no.7, July 1961.

g. MECHANICAL ENGINEERING

AKADEMIIA NAUK SSSR. Izvestiia. Otdelenie tekhnicheskikh nauk. Mekhanika i mashinostroenie [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Department of Technological Sciences, Mechanics and Machine Building]. Moscow, no.4, July-Aug. 1961.

AKADEMIIA NAUK SSSR. Institut mashinovedeniia. Trudy. Seminar po teorii mashin i mekhanizmov [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Mechanical Engineering. Transactions. Seminar on the Theory of Machines and Mechanisms]. Moscow, vol.22, no.87, 1961.

ENERGOMASHINOSTROENIE [POWER MACHINERY CONSTRUCTION]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu [State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture]. Moscow, vol.7, nos.5,7, May, July 1961.

KUZNECHNO-SHTAMPOVOCHNOE PROIZVODSTVO [FORGING AND STAMPING]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu and Nauchno-tekhnicheskoe obshchestvo mashinostroitel'noi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture and the Scientific Technological Society of the Machinery Industry]. Moscow, vol.3, no.8, Aug. 1961.

MEKHANIKA; periodicheskii sbornik perevodov inostrannykh statei [MECHANICS; Translations of Foreign Articles]. Issued by Izd-vo inostrannoi lit-ry [Publishing House of Foreign Literature] Moscow, vol.12, no.4, 1961.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT ZHELEZNODOROZHNOGO TRANSPORTA. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF RAILROAD TRANSPORTATION. Transactions]. No.214, 1961.

No.216, 1961.

Contents Zarochentsev, G.V. [Ultrasonic control of the depth of rail surface hardening] Ul'trazvukovoi kontrol' glubiny poverkhnostnoi zakalki rel'sov. 49 p.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT ZHELEZNODOROZHNOGO TRANSPORTA. Vestnik [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF RAILROAD TRANSPORTATION. Journal]. Vol.20, no.5, 1961.

*PRIBOROSTROENIE [INSTRUMENT MANUFACTURE]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva priborostroitel'noi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture and the Central Administration of the Scientific Technological Society of the Instrument Industry]. Moscow, no.8, Aug. 1961.

PRISPOSOBLENIIA DLIA TEKHNICHESKOGO OBSLUZHIVANIIA I REMONTA AVTOMOBILEI [ACESSORIES FOR TECHNICAL SERVICING AND REPAIR OF AUTOMOBILES]. Issued by Gosudarstvennyi nauchno-issledovatel'skii institut avtomobil'nogo transporta [State Scientific Research Institute of Automotive Transportation]. Moscow, no.2(26), 1961.

PROIZVODSTVO SMAZOCHNYKH MATERIALOV [PRODUCTION OF LUBRICANTS] Leningrad, no.6/8, 1961.

REFERATIVNYI ZHURNAL MASHINOSTROENIE [JOURNAL OF ABSTRACTS MACHINERY MANUFACTURE]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos.17-18, Sep. 1961

*STANKI I INSTRUMENT [MACHINE TOOLS AND THEIR CUTTING TOOLS]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva mashinostroitel'noi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture and the Central Administration of the Scientific Technological Society of the Machinery Industry]. Moscow, vol.32, nos.8-9, Aug.-Sep. 1961.

STROITEL'NYE I DOROZHNYE MASHINY [ROAD AND CONSTRUCTION MACHINERY]. Issued by Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu [State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture]. Moscow, vol. 6, no.8, Aug. 1961.

TEKHNIKA ZHELEZNYKH DOROG [THE TECHNOLOGY OF RAILROADS]. Organ of Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta Ministerstva putei soobshcheniia [All-Union Railroad Transportation Scientific Research Institute of the Ministry of Railroad Transportation]. Moscow, vol 14, nos.6, 8, Sep., Dec 1955.

TEPLOENERGETIKA [HEAT ENGINEERING]. Organ of Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.] and others. Moscow, vol.8, nos.4-5, 9, Apr.-May, Sep. 1961.

*VESTNIK MASHINOSTROENIIA [MACHINE BUILDING REVIEW]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva mashinostroitel'noi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. and the Central Administration of the Scientific Technological Society of the Machinery Industry]. Moscow, vol.41, no.8, Aug. 1961.

VZAIMOZAMENIAEMOST' I TEKHNICHESKIE IZMERENIIA V MASHINOSTROENII, mezhvuzovskii sbornik [INTERCHANGEABILITY AND TECHNICAL MEASUREMENTS IN MACHINERY MANUFACTURE; Interuniversity Papers]. Moscow, no.3, 1961.

ZA RULEM [AT THE WHEEL]. Issued by Vsesoiuznoe dobrovol'noe obshchestvo sodeistviia armii, aviatsii i flotu [All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, vol. 19, no. 7, July 1961.

ZHELEZNODOROZHNYI TRANSPORT [RAILROAD TRANSPORTATION]. Organ of Ministerstvo putei soobshcheniia SSSR [Ministry of Railroad Transportation of the U.S.S.R.]. Moscow, vol. 43, nos.8-9, Aug.-Sep. 1961.

h. MINING & METALLURGY

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Izvestiia. Seriia metallurgii, obogashchenila i ogneuporov [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Bulletin. Series in Metallurgy, Concentration, and Refractories]. Alma-Ata, no.2(11), 1961.

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Altaiskii gornometallurgicheskii nauchno-issledovatel'skii institut. Trudy [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Altai Scientific Research Institute of Mining and Metallurgy. Transactions]. Alma-Ata, vol.11, 1961.

AKADEMIIA NAUK SSSR. Izvestiia. Otdelenie tekhnicheskikh nauk. Metallurgiia i toplivo [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Department of Technological Sciences. Metallurgy and Fuel]. Moscow, no.4, July-Aug. 1961.

AKADEMIIA NAUK SSSR. Laboratoriia geologii uglia. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Laboratory of Geology of Coal. Transactions]. Moscow, no.12, 1961.

AKADEMIIA NAUK URSR, Kiev. Instytut metalofizyky. Sbornik nauchnykh rabot [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Institute of the Physics of Metals. Collected Papers]. Kiev, no.12, 1961.

AZERBAIDZHANSKOE NEFTIANOE KHOZIAISTVO [AZERBAIJAN PETROLEUM INDUSTRY], Organ of Ministerstvo neftianoi promyshlennosti Azerbaidzhanskoi SSR [Ministry of the Petroleum Industry of the Azerbaijan S.S.R.]. Baku, vol. 39, nos. 1-2, Jan - Feb. 1960, vol. 40, nos. 1(415), 6, Jan., June 1961.

*FIZIKA METALLOV I METALLOVEDENIE [THE PHYSICS OF METALS AND PHYSICAL METALLURGY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Sverdlovsk, vol. 12, no. 1, July 1961.

*METALLOVEDENIE I TERMICHESKAIA OBRABOTKA METALLOV [METALS AND HEAT TREATMENT OF METALS]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu and TSentral'noe pravlenie nauchno-tekhnicheskogo obshchestva mashinostroitel'noi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture and the Central Administration of the Scientific Technological Society of the Machinery Industry]. Moscow, no. 8, Aug. 1961.

*METALLURG [METALLURGIST]. Issued by Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TsK Profsoiuza rabochikh metallurgicheskoi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. and the Central Committee of Trade Unions of Workers in the Metallurgical Industry]. Moscow, vol. 6, no. 8, Aug. 1961.

NEFTIANIK [THE PETROLEUM WORKER]. Issued by Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TsK Profsoiuza rabochikh neftianoi i khimicheskoi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. and the Central Committee of the Trade Union of Workers of the Petroleum and Chemical Industries]. Moscow, vol. 5, no. 8, Aug. 1960; vol. 6, no. 4, Apr. 1961.

NEFTIANOE KHOZIAISTVO [PETROLEUM INDUSTRY]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva neftianoi i gazovoi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. and the Central Administration of the Scientific Technological Society of the Petroleum and Gas Industry]. Moscow, vol. 38, no. 4, Apr. 1960, vol. 39, no. 6, June 1961.

OBOGASHCHENIE RUD [ORE DRESSING], Issued by Vsesoiuznyi nauchno-issledovatel'skii i proektnyi institut mekhanicheskoi obrabotki poleznykh iskopaemykh [All-Union Scientific Research and Planning Institute for the Mechanical Processing of Minerals]. Leningrad, vol. 3, no. 6(18), 1958; vol. 4, nos. 1(19)-6(24), 1959, vol. 5, nos. 1(25)-5(29), 6, 1960; vol. 6, nos. 1(31), 2, 1961.

PROBLEMY SOVREMENNOI METALLURGII, sborniki perevodov i obzorov inostrannoi periodicheskoi literatury [PROBLEMS OF CONTEMPORARY METALLURGY; Translations and Surveys of Foreign Periodical Literature]. Moscow, vol 10, no. 4(58), 1961

REFERATIVNYI ZHURNAL: GORNOE DELO [JOURNAL OF ABSTRACTS: MINING] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no 9, Sep. 1961.

REFERATIVNYI ZHURNAL: METALLURGIIA [JOURNAL OF ABSTRACTS METALLURGY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos 8-9, Aug.-Sep 1961.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; chernaia metallurgiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Ferrous Metallurgy] Moscow, vol. 4, no 7, 1961

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, geologiia i razvedka [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Geology and Prospecting]. Moscow, vol 4, no. 7, July 1961.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, tsvetnaia metallurgiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Nonferrous Metallurgy] Moscow, vol. 4, no. 4, 1961.

SBORNIK RATSIONALIZATORSKIKH PREDLOZHENII, VNEDRENNYKH V PROIZVODSTVO [COLLECTION OF INNOVATIONS INTRODUCED IN PRODUCTION]. Issued by TSentral'nyi institut informatsii chernoi metallurgii [Central Institute of Information on Ferrous Metallurgy]. Moscow, no. 5(100), 1960.

SOVETSKII SHAKHTER [SOVIET MINER]. Issued by TSentral'nyi komitet Profsoiuza rabochikh ugol'noi promyshlennosti SSSR [Central Committee of the Trade Union of Workers of the Coal Industry of the U.S.S.R.]. Moscow, vol. 10, nos. 7-9, July-Sep. 1961.

STROITEL'STVO TRUBOPROVODOV [PIPELINE CONSTRUCTION]. Issued by Glavnoe upravlenie gazovoi promyshlennosti pri Sovete Ministrov SSSR [Main Administration of the Gas Industry, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 6, nos. 7-8, July-Aug. 1961.

17. MILITARY & NAVAL SCIENCES

a MILITARY SCIENCE

BRATSTVO KOLYSHNYKH VOIAKIV PERSHOI UKRAINS'KOI DYVIZII UKRAINS'KOI NARODNOI ARMII Visti [BROTHERHOOD OF FORMER SOLDIERS OF THE FIRST UKRAINIAN DIVISION OF THE UKRAINIAN NATIONAL ARMY News]. Munich, vol 12, no. 103, Sep 1961. [In Ukrainian]

KOMMUNIST VOORUZHENNYKH SIL [COMMUNIST OF THE ARMED FORCES]. Issued by Glavnoe politicheskoe upravlenie Sovetskoi Armii i Voenno-Morskogo Flota [Main Political Administration of the Soviet Army and Navy]. Moscow, vol. 1, nos 2-6, Oct.-Dec 1960 [Photocopy], vol. 1, nos. 2-4, 6-7, 17, Jan -Apr., Sep 1961.

NASHA PEREKLICHKA [OUR ROLL CALL]. New York, vol. 2, no 2(121), Oct. 1961

NASHI VESTI [OUR NEWS] Published by Soiuz chinov Russkogo korpusa [The Association of Members of the Russian Corps]. New York, nos 183a-184, Sep -Oct. 1961

TYL I SNABZHENIE SOVETSKIKH VOORUZHENNYKH SIL [THE REAR AND SUPPLY OF THE SOVIET ARMED FORCES]. Issued by Ministerstvo oborony SSSR [Ministry of Defense of the U.S.S.R.]. Moscow, vol. 21, nos. 5-7, May-July 1961.

VESTNIK PROTIVOVOZDUSHNOI OBORONY [AIR DEFENSE REVIEW]. Published by Voennoe izdatel'stvo Ministerstva oborony SSSR [Military Publishing House of the Ministry of Defense of the U.S.S.R.]. Moscow, nos. 6-9, June-Sep. 1961.

VESTNIK VOZDUSHNOGO FLOTA [REVIEW OF THE AIR FORCE]. Issued by Upravlenie Voenno-Vozdushnykh Sil [Administration of the Air Force] Moscow, nos. 5-8, May-Aug. 1961.

VOENNYI VESTNIK [MILITARY REVIEW]. Organ of Ministerstvo oborony SSSR [Ministry of Defense of the U.S.S.R.]. Moscow, vol. 41, no. 5, May 1961.

b NAVAL SCIENCE

LENINGRAD. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT MORSKOGO FLOTA. Trudy [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF THE MERCHANT MARINE. Transactions] Vol. 7, no. 33, 1961.

Contents [Economic aspects and operation of the merchant marine, present state and trends in the expansion of the marine passenger fleet in capitalist countries] Ekonomika i ekspluatatsiia morskogo flota, sovremennoe sostoianie i tendentsii razvitiia morskogo passazhirskogo flota kapitalisticheskikh stran. 67 p.

Vol. 7, no. 34, 1961.

PART C

List of Periodicals Indexed and Abbreviations Used

† Titles listed for the first time

Annot.ukaz.lit. po radioelek. (16e)	Annotirovannyi ukazatel' literatury po radioelektronike [Annotated Bibliography on Electronics]
App.dlia iad.spek. (13f)	† Apparatura dlia iadernoi spektrometrii; nauchno-tekhnicheskii sbornik [Apparatus for Nuclear Spectrometry; Scientific and Technical Papers]
Arkh.pat. (14e)	Arkhiv patologii [Archives of Pathology]
Arkheologiia (4b)	Arkheologiia [Archaeology]
Arkhit.SSSR (10b)	Arkhitektura SSSR [Architecture of the U.S.S.R.]
Astron.zhur. (13b)	Astronomicheskii zhurnal [Journal of Astronomy]
Atom.tekh.za rub. (16e)	Atomnaia tekhnika za rubezhom [Nuclear Engineering Abroad
Avtom.svar. (16f)	Akademiia nauk URSR, Kiev. Instytut elektrozvariuvannia. Avtomaticheskaia svarka [Academy of Sciences of the Ukrainian S.S.R. Institute of Electric Welding. Automatic Welding]
Azerb.khim.zhur. (13d)	Azerbaidzhanskii khimicheskii zhurnal [Azerbaijan Chemical Journal]
Azerb.neft.khoz. (16h)	Azerbaidzhanskoe neftianoe khoziaistvo [Azerbaijan Petroleum Industry]
Belarus' (1b)	Belarus' [White Russia]. In White Russian.
Bet.i zhel.-bet. (16d)	Beton i zhelezobeton [Concrete and Reinforced Concrete]
Bezop.truda v prom. (5d)	Bezopasnost' truda v promyshlennosti [Industrial Safety]
Bibl.sov.bibl. (2a)	Vsesoiuznaia knizhnaia palata. Bibliografiia sovetskoi bibliografii [All-Union Book Chamber. Bibliography of Soviet Bibliography]
Biul.eksp.biol.i med. (14a)	Biulleten' eksperimental'noi biologii i meditsiny [Bulletin of Experimental Biology and Medicine]
Biul.Gos.kom. po vop.truda i zar.platy (7)	Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po voprosam truda i zarabotnoi platy. Biulleten' [State Committee on Problems of Labor and Wages. Bulletin]
Biul.Ispol.kom. Mosk.gor.sov. (6)	Moscow. Ispolnitel'nyi komitet. Biulleten' [Executive Committee. Bulletin]
Biul.izobr. (16a)	Biulleten' izobretenii [Bulletin on Inventions]
Biul.nauch.inform.: trud i zar plata (5d)	Biulleten' nauchnoi informatsii: trud i zarabotnaia plata [Bulletin of Scientific Information: Labor and Wages]
Biul.stroi.tekh. (16d)	Biulleten' stroitel'noi tekhniki [Bulletin of Construction Engineering]
Biul.tekh.-ekon. inform. (16a)	Moscow. TSentral'nyi institut tekhniko-ekonomicheskoi informatsii. Biulleten' tekhniko-ekonomicheskoi informatsii [Central Institute of Technical and Economic Information. Bulletin of Technical and Economic Information]
Brat.vest. (3b)	Bratskii vestnik [Herald of Brotherhood]
Bum.prom. (16f)	Bumazhnaia promyshlennost' [Paper Industry]
Der.prom. (16f)	Derevoobrabatyvaiushchaia promyshlennost' [Woodworking Industry]
Dokl.AN Arm.SSR (13a)	Akademiia nauk Armianskoi SSR, Erivan. Doklady [Academy of Sciences of the Armenian S.S.R. Reports]
Dokl.AN Azerb.SSR (13a)	Akademiia nauk Azerbaidzhanskoi SSR, Baku. Doklady [Academy of Sciences of the Azerbaijan S.S.R. Reports]
Dokl.AN BSSR (13a)	Akademiia navuk BSSR, Minsk. Doklady [Academy of Sciences of the White Russian S.S.R. Reports]
Dokl.AN SSSR (13a)	Akademiia nauk SSSR. Doklady [Academy of Sciences of the U.S.S.R. Reports]
Dokl.APN (8a)	Akademiia pedagogicheskikh nauk RSFSR, Moscow. Doklady [Academy of Pedagogical Sciences of the R.S.F.S.R. Reports]
Dop.AN URSR (13a)	Akademiia nauk URSR, Kiev. Dopovidi [Academy of Sciences of the Ukrainian S.S.R. Reports]. In Ukrainian.
Dop.ta pov. UzhDU.Ser.filol. (11b)	† Uzhgorod. Universytet. Dopovidi ta povidomlennia. Serilia filologichna [University. Reports and Papers. Philological Series]. In Ukrainian.
Doshk.vosp. (8a)	Doshkol'noe vospitanie [Preschool Education]
Doshk.vykh. (8a)	Doshkil'ne vykhovannia [Preschool Education]. In Ukrainian.
Ekon.sel'khoz. (15a)	Ekonomika sel'skogo khoziaistva [Economics of Agriculture
Ekon.stroi. (5b)	Ekonomika stroitel'stva [Economics of Construction]
Elek.sta. (16e)	Elektricheskie stantsii [Electric Power Stations]
Elektrichestvo (16e)	Elektrichestvo [Electricity]
Elektroenergetika (16e)	Elektroenergetika [Electric Power]
Energ.stroi.za rub. (16e)	Energeticheskoe stroitel'stvo za rubezhom; prilozhenie k sborniku "Energeticheskoe stroitel'stvo" [Power Construction in Foreign Countries; supplement to the periodical "Power Construction"]
Energetik (16e)	Energetik [Electric Power Technician]
Energokhoz.za rub. (16e)	Energokhoziaistvo za rubezhom; prilozhenie k zhurnalu "Elektricheskie stantsii" [Electric Power Production and Utilization in Foreign Countries; supplement to the periodical "Electric Power Stations"]
Energomashinostroenie (16g)	Energomashinostroenie [Power Machinery Construction]
Fin.SSSR (5c)	Finansy SSSR [Finance of the U.S.S.R.]
Fiz.met.i metalloved. (16h)	Fizika metallov i metallovedenie [The Physics of Metals and Physical Metallurgy]
Fiz.tver.tela (13f)	Fizika tverdogo tela [Solid State Physics]
Fiz.v shkole (13f)	Fizika v shkole [Physics in Schools]
Fiziol.zhur. (13c)	Fiziologicheskii zhurnal SSSR [Physiological Journal of the U.S.S.R.]
Geog.v shkole (12b)	Geografiia v shkole [Geography in Schools]
Geog.zbir. (12b)	Geografichnyi zbirnyk [Geographic Review]. In Ukrainian.
Gidr.i mel. (15a)	Gidrotekhnika i meliorataiia [Hydraulic Engineering and Reclamation]
Gidr.stroi (16d)	Gidrotekhnicheskoe stroitel'stvo [Hydrotechnical Construction]
Gor.khoz.Mosk. (16d)	Gorodskoe khoziaistvo Moskvy [Municipal Economy of Moscow]
Grazhd.av. (16b)	Grazhdanskaia aviatsiia [Civil Aviation]
Inform.biul.nov. inostr.knig.postup.v Bibl. im. V.I.Len. Ser.1 (2a)	Moscow. Publichnaia biblioteka. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I.Lenina. Seriia 1: Fiziko-matematicheskie, khimicheskie i geologo-geograficheskie nauki; tekhnika i tekhnicheskie nauki [Public Library. Information Bulletin of New Foreign Books Received by the Lenin Library. Series 1: Physical Mathematical, Chemical, Geological and Geographical Sciences; Technology and Technological Sciences]
Inform.biul.nov. inostr.knig, postup.v Bibl. im. V.I.Len. Ser.2 (2a)	Moscow. Publichnaia biblioteka. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I.Lenina. Seriia 2: Biologicheskie, meditsinskie i sel'skokhoziaistvennye nauki [Public Library. Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 2: Biological, Medical, and Agricultural Sciences]
Inform.biul.nov. inostr.knig, postup.v Bibl. im.V.I.Len. Ser.3 (2a)	Moscow. Publichnaia biblioteka. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I.Lenina. Seriia 3: Obshchestvennye nauki, khudozhestvennaia literatura, iskusstvo [Public Library. Information Bulletin of New Foreign Books Received by the Lenin Library. Series 3: Social Sciences, Belles-Lettres, Art]
Inform.sbor. MIIVKH (16d)	† Moscow. Institut inzhenerov vodnogo khoziaistva. Informatsionnyi sbornik [Institute of Water Resources Engineers. Information Bulletin]
Inform.ukaz.bibl. spis.i kart. (2a)	Informatsionnyi ukazatel' bibliograficheskikh spiskov i kartotek, sostavlennykh bibliotekami Sovetskogo Soiuza [Information Index of Bibliographical Lists and Card Files. Compiled by the Libraries of the Soviet Union]
Inform.ukaz.stand. (16a)	Informatsionnyi ukazatel' standartov [Information Index of Standards]
Inzh.-fiz.zhur. (16a)	Inzhenerno-fizicheskii zhurnal [Journal of Engineering Physics]
Isk.kino (9a)	Iskusstvo kino [Cinema Art]

Iskusstvo (10a)	Iskusstvo [Art]
Issl. i mat. Inst. po izuch. SSSR (4a)	Institut zur Erforschung der UdSSR. Issledovaniia i materialy [Institute for the Study of the U.S.S.R. Investigations and Materials]
Issl po teor. sooruzh (16d)	Issledovaniia po teorii sooruzhenii [Studies in the Theory of Structures]
Issl. ser. obl. (13f)	ǂ Issledovaniia serebristykh oblakov [Investigations of Noctilucent Clouds]
Ist.-mat issl. (13c)	Istoriko-matematicheskie issledovaniia [Studies in the History of Mathematics]
Ist. arkh. (4a)	Istoricheskii arkhiv [Historical Archives]
IUn. nat. (13c)	IUnyi naturalist [Young Naturalist]
Iz ist. nauki i tekh. v stran. Vost. (13a)	ǂ Iz istorii nauki i tekhniki v stranakh Vostoka [From the History of Science and Technology in the Countries of the East]
Izm. tekh. (16a)	Izmeritel'naia tekhnika [Measurement Techniques]
Izobr. i rats. (16a)	Izobretatel' i ratsionalizator [Inventor and Efficiency Promoter]
Izv. AN Arm. SSR. Biol. nauki (13c)	Akademiia nauk Armianskoi SSR, Erivan. Izvestiia. Biologicheskie nauki [Academy of Sciences of the Armenian S.S.R. Bulletin. Biological Sciences]
Izv AN Arm. SSR Geol. i geog. nauki (12c)	Akademiia nauk Armianskoi SSR, Erivan. Izvestiia Geologicheskie i geograficheskie nauki [Academy of Sciences of the Armenian S.S.R Bulletin. Geological and Geographical Sciences]
Izv. AN Arm. SSR. Obshchestv nauki (1a)	Akademiia nauk Armianskoi SSR, Erivan. Izvestiia. Obshchestvennye nauki [Academy of Sciences of the Armenian S.S.R Bulletin. Social Sciences]. In Russian and Armenian
Izv. AN Arm. SSR. Ser. fiz.-mat. nauk (13a)	Akademiia nauk Armianskoi SSR, Erivan. Izvestiia. Seriia fiziko-matematicheskikh nauk [Academy of Sciences of the Armenian S.S.R. Bulletin. Series in Physical and Mathematical Sciences]
Izv. AN Arm. SSR. Ser. tekh. nauk (16a)	Akademiia nauk Armianskoi SSR, Erivan. Izvestiia. Seriia tekhnicheskikh nauk [Academy of Sciences of the Armenian S.S.R. Bulletin. Series in the Technological Sciences]
Izv. AN Azerb. SSR. Ser. biol. i med. nauk (13c)	Akademiia nauk Azerbaidzhanskoi SSR, Baku Izvestiia. Seriia biologicheskikh i meditsinskikh nauk [Academy of Sciences of the Azerbaijan S.S.R Bulletin. Series in the Biological and Medical Sciences]
Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk (1a)	Akademiia nauk Azerbaidzhanskoi SSR, Baku. Izvestiia. Seriia fiziko-matematicheskikh i tekhnicheskikh nauk [Academy of Sciences of the Azerbaijan S.S.R. Bulletin. Series in the Physical, Mathematical, and Technological Sciences]
Izv. AN Azerb. SSR. Ser. obshchestv. nauk (1a)	Akademiia nauk Azerbaidzhanskoi SSR, Baku, Izvestiia. Seriia obshchestvennykh nauk [Academy of Sciences of the Azerbaijan S.S.R. Bulletin. Series in the Social Sciences]
Izv. AN Kazakh. SSR. Ser. filol. i isk. (11a)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. Seriia filologii i iskusstvovedeniia [Academy of Sciences of the Kazakh S.S.R. Bulletin. Series on Philology and Art]
Izv. AN Kazakh. SSR. Ser. ist., arkheol. i etn. (4a)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. Seriia istorii, arkheologii i etnografii [Academy of Sciences of the Kazakh S.S.R. Bulletin. Series in History, Archaeology, and Ethnography]
Izv. AN Kazakh. SSR. Ser. met., obog. i ogneup. (16h)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia, Seriia metallurgii, obogashchenila i ogneuporov [Academy of Sciences of the Kazakh S.S.R. Bulletin. Series in Metallurgy, Concentration, and Refractories]
Izv. AN Kir. SSR. Ser. est. i tekh. nauk (1a)	Akademiia nauk Kirgizskoi SSR, Frunze. Izvestiia. Seriia estestvennykh i tekhnicheskikh nauk [Academy of Sciences of the Kirghiz S.S.R. Bulletin. Series in the Natural and Technological Sciences]
Izv. AN SSSR. Otd. khim. nauk (13d)	Akademiia nauk SSSR. Izvestiia. Otdelenie khimicheskikh nauk [Academy of Sciences of the U.S.S.R. Bulletin. Department of Chemical Sciences]
Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. (16g)	Akademiia nauk SSSR. Izvestiia. Otdelenie tekhnicheskikh nauk. Mekhanika i mashinostroenie [Academy of Sciences of the U.S.S.R. Bulletin. Department of Technological Sciences. Mechanics and Machine Building]
Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. (16h)	Akademiia nauk SSSR. Izvestiia. Otdelenie tekhnicheskikh nauk. Metallurgiia i toplivo [Academy of Sciences of the U.S.S.R. Bulletin. Department of Technological Sciences. Metallurgy and Fuel]
Izv. AN SSSR. Ser. fiz. (13f)	Akademiia nauk SSSR. Izvestiia. Seriia fizicheskaia [Academy of Sciences of the U.S.S.R. Bulletin. Physical Series]
Izv. AN SSSR. Ser. geol. (12c)	Akademiia nauk SSSR. Izvestiia. Seriia geologicheskaia [Academy of Sciences of the U.S.S.R. Bulletin, Geological Series]
Izv. AN SSSR. Ser. mat. (13a)	Akademiia nauk SSSR. Izvestiia. Seriia matematicheskaia [Academy of Sciences of the U.S.S.R. Bulletin. Mathematical Series]
Izv. AN Turk. SSR Ser. biol. nauk (13c)	Akademiia nauk Turkmenskoi SSR, Ashkhabad. Izvestiia. Seriia biologicheskikh nauk [Academy of Sciences of the Turkmen S.S.R. Bulletin. Series in the Biological Sciences]
Izv. AN Turk. SSR Ser. fiz.-tekh., khim. i geol. nauk (13a)	Akademiia nauk Turkmenskoi SSR, Ashkhabad. Izvestiia. Seriia fiziko-tekhnicheskikh, khimicheskikh i geologicheskikh nauk [Academy of Sciences of the Turkmen S.S.R. Bulletin. Series in the Physical and Technological, Chemical, and Geological Sciences]
Izv. AN Turk. SSR. Ser. obshchestv. nauk	Akademiia nauk Turkmenskoi SSR, Ashkhabad. Izvestiia. Seriia obshchestvennykh nauk [Academy of Sciences of the Turkmen S.S.R. Bulletin. Series in the Social Sciences]
Izv AN Uz. SSR Ser. fiz.-mat. nauk (13f)	Akademiia nauk Uzbekskoi SSR, Tashkent. Izvestiia Seriia fiziko-matematicheskikh nauk [Academy of Sciences of the Uzbek S.S.R. Bulletin Series in Physical and Mathematical Sciences]
Izv. APN (8a)	Akademiia pedagogicheskikh nauk RSFSR, Moscow. Izvestiia [Academy of Pedagogical Sciences of the R.S.F.S.R. Bulletin]
Izv IUgo-Oset nauch.-issl. inst. (1a)	Akademiia nauk Gruzinskoi SSR, Tiflis IUgo-Osetinskii nauchno-issledovatel'skii institut Izvestiia [Academy of Sciences of the Georgian S.S.R South Ossetian Scientific Research Institute. Bulletin]
Izv. Krym otd. Geog. ob-va (12b)	Geograficheskoe obshchestvo SSSR Krymskii otdel Izvestiia [Geographic Society of the U.S.S.R Crimean Branch Bulletin]
Izv. Otd. geol.-khim. i tekh. nauk AN Tadzh. SSR (1a)	ǂ Akademiia nauk Tadzhikskoi SSR, Stalinabad. Otdelenie geologo-khimicheskikh i tekhnicheskikh nauk. Izvestiia [Academy of Sciences of the Tajik S.S.R. Department of Geological, Chemical, and Technological Sciences. Bulletin]
Izv. Otd. sel'khoz. i biol. nauk AN Tadzh. SSR (15a)	ǂ Akademiia nauk Tadzhikskoi SSR, Stalinabad. Otdelenie sel'skokhoziaistvennykh i biologicheskikh nauk. Izvestiia [Academy of Sciences of the Tajik S.S.R. Department of Agricultural and Biological Sciences. Bulletin]
Izv. Sib. otd. AN SSSR (1a)	Akademiia nauk SSSR. Sibirskoe otdelenie. Izvestiia [Academy of Sciences of the U.S.S.R. Siberian Branch. Bulletin]
Izv. TSKhA (15a)	Moscow. Moskovskaia sel'skokhoziaistvennaia akademiia im. Timiriazeva. Izvestiia [Timiriazev Agricultural Academy of Moscow. Bulletin]
Izv. VNIORKH (15b)	Leningrad Vsesoiuznyi nauchno-issledovatel'skii institut ozernogo i rechnogo rybnogo khoziaistva. Izvestiia [All-Union Scientific Research Institute of Lake and River Fisheries. Bulletin]
Izv. vys. ucheb. zav.; av. tekh. (16b)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; aviatsionnaia tekhnika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Aviation Engineering]
Izv. vys. ucheb. zav.; chern. met. (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; chernaia metallurgiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Ferrous Metallurgy]
Izv. vys. ucheb. zav.; elektromekh. (16e)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; elektromekhanika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Electrical Machinery and Apparatus]
Izv. vys. ucheb. zav.; energ. (16e)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; energetika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Power Engineering]
Izv. vys. ucheb. zav.; fiz. (13f)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; fizika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Physics]
Izv. vys. ucheb. zav.; geol. i razv. (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia, Izvestiia vysshikh uchebnykh zavedenii; geologiia i razvedka [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Geology and Prospecting]
Izv. vys. ucheb. zav.; pishch. tekh. (16c)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, pishchevaia tekhnologiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Food Technology]
Izv. vys. ucheb. zav.; radiofiz. (13f)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; radiofizika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Radio Physics]
Izv. vys. ucheb. zav.; radiotekh. (16e)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; radiotekhnika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Radio Engineering]
Izv. vys. ucheb. zav.; stroi. i arkhit. (16b)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; stroitel'stvo i arkhitektura [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Radio Engineering]
Izv. vys. ucheb. zav.; tsvet. met. (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; tsvetnaia metallurgiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Nonferrous Metallurgy]
Kauch. i rez. (16c)	Kauchuk i rezina [Crude and Vulcanized Rubber]
Khim. i tekh. topl. i masel (16c)	Khimiia i tekhnologiia topliv i masel [Chemistry and Technology of Fuel and Oil]
Khim. mash. (16c)	Khimicheskoe mashinostroenie [Chemical Machinery Manufacture]

Khim.prom. (16c)	Khimicheskaia promyshlennost' [Chemical Industries]
Khim v shkole (13d)	Khimiia v shkole [Chemistry in Schools]
Klin.med. (14a)	Klinicheskaia meditsina [Clinical Medicine]
Knizh.let. (2a)	Knizhnaia letopis' [Book Chronicle]
Koll zhur (13d)	Kolloidnyi zhurnal [Colloid Journal]
Komar chten (13c)	Komarovskie chteniia [Komarov Lectures]
Komm.Ukr. (6)	Kommunist Ukrainy [Communist of the Ukraine]
Komm. Vooruzh. Sil (17a)	Kommunist Vooruzhennykh Sil [Communist of the Armed Forces]
Kommunist (6)	Kommunist [Communist]
Kons i ov prom (16c)	Konservnaia i ovoshchesushil'naia promyshlennost' [The Canning and Dehydrated Vegetable Industry]
Koop Kazakh. (5a)	Kooperator Kazakhstana [The Cooperative Worker of Kazakhstan]
Kozh -obuv prom. (16f)	Kozhevenno-obuvnaia promyshlennost' [Leather and Footwear Industry]
Krat.soob Inst. nar.Azii (4a)	ǂAkademiia nauk SSSR. Institut narodov Azii. Kratkie soobshcheniia [Academy of Sciences of the U.S.S.R. Institute of the Peoples of Asia. Brief reports]
Kristallografiia (13f)	Kristallografiia [Crystallography]
Kryl.rod. (16b)	Kryl'ia rodiny [Wings of the Motherland]
Kuz.-shtam proizv. (16g)	Kuznechno-shtampovochnoe proizvodstvo [Forging and Stamping]
Let.gazet.st. (2a)	Letopis' gazetnykh statei [Chronicle of Newspaper Articles]
Let.izobr.isk. (10a)	Letopis' izobrazitel'nogo iskusstva [Chronicle of Fine Arts]
Let.muz.lit. (9b)	Letopis' muzykal'noi literatury [Chronicle of Musical Literature]
Let.zhur. st. (2a)	Letopis' zhurnal'nykh statei [Chronicle of Periodical Articles]
Masl.-zhir.prom. (16c)	Maslobolno-zhirovaia promyshlennost' [Oils and Fats Industry]
Mat.i dosl z arkheol.Prikarp. i Vol. (4b)	ǂMaterialy i doslidzhennia z arkheologii Prikarpattia i Volyni [Materials and Research in the Archaeology of Ciscarpathia and Volhynia]. In Ukrainian.
Mat.po proizv.sil. Uzb. (5b)	Materialy po proizvoditel'nym siliam Uzbekistana [Materials on Productive Forces of Uzbekistan]
Mat sbor. (13e)	Matematicheskii sbornik [Mathematical Review]
Mat v shkole (13e)	Matematika v shkole [Mathematics in Schools]
Med.ref.zhur. (14a)	Meditsinskii referativnyi zhurnal [Medical Abstracts]
Mekhanika (16g)	Mekhanika, periodicheskii sbornik perevodov inostrannykh statei [Mechanics; Translations of Foreign Articles]
Metalloved.i term. obr met. (16h)	Metallovedenie i termicheskaia obrabotka metallov [Metals and Heat Treatment of Metals]
Metallurg (16h)	Metallurg [Metallurgist]
Meteor.i gidrol. (13f)	Meteorologiia i gidrologiia [Meteorology and Hydrology]
Metod.anal.org. soed.nefti,ikh smes.i proizv. (16c)	ǂMetody analiza organicheskikh soedinenii nefti, ikh smesei i proizvodnykh [Methods for the Analysis of Organic Petroleum Compounds, their mixtures, and derivatives]
Metod.izuch.tekt. struk. (12c)	ǂMetody izucheniia tektonicheskikh struktur [Methods for Studying Tectonic Structures]
Mont.i spets.rab. v strol. (16d)	Montazhnye i spetsializirovannye raboty v stroitel'stve [Assembling and Specialized Operations in Construction]
Moskva (11b)	Moskva [Moscow]
NTO (16a)	Nauchno-tekhnicheskie obshchestva SSSR [Scientific Technological Societies of the U.S.S.R.]
Na strol Ros. (16d)	Na stroikakh Rossii [At Russian Construction Projects]. Organ of Gosudarstvennyi komitet Soveta Ministrov RSFSR po delam stroitel'stva [State Committee of the Council of Ministers of the R.S.F.S.R.].
Nar.Azii i Afr. (4a)	ǂNarody Azii i Afriki; istoriia, ekonomika, kul'tura [Peoples of Asia and Africa; History, Economics, Culture]
Nar.khoz.Kazakh. (5b)	Narodnoe khoziaistvo Kazakhstana [The National Economy of Kazakhstan]
Nar.obr. (8a)	Narodnoe obrazovanie [Public Education]
Nauch.-metod.zap. Ural.gos.konser. (9b)	Sverdlovsk. Ural'skaia gosudarstvennaia konservatoriia imeni M.P.Musorgskogo. Nauchno-metodicheskie zapiski [M.P.Musorgskii Ural State Conservatory. Methodological Studies]
Nauch.trudy Sev. zap.nauch.-issl. inst.sel'khoz. (15a)	ǂSevero-zapadnyi nauchno-issledovatel'skii institut sel'skogo khoziaistva. Nauchnye trudy [North-western Scientific Research Institute of Agriculture. Studies]
Nauch.zap.Kiev. fin.-ekon.inst. (5b)	ǂKiev. Finansovo-ekonomichnyi instytut. Uchenye zapiski [Institute of Finance and Economics. Studies]
Nauch.zap.MIIVKH (16d)	Moscow. Institut inzhenerov vodnogo khoziaistva. Nauchnye zapiski [Institute of Water Resources Engineers. Studies]
Nauk.zap.L'viv. derzh.ped.inst. (1a)	Lvov. Derzhavnyi pedagogichnyi instytut. Naukovi zapysky [State Pedagogical Institute. Studies]
Nauka i zhizn' (13a)	Nauka i zhizn' [Science and Life]
Nauka i zhyttia (13a)	Nauka i zhyttia [Science and Life]. In Ukrainian.
Neft.khoz. (16h)	Neftianoe khoziaistvo [The Petroleum Industry]
Neftianik (16h)	Neftianik [The Petroleum Worker]
Nov.knigi (2a)	Novye knigi [New Books]
Nov.knigi za rub. Ser.A (13a)	Novye knigi za rubezhom. Serlia A. Matematika, mekhanika, astronomiia, fizika, geofizika, khimiia, geologiia [New Foreign Books. Series A: Mathematics, Mechanics, Astronomy, Physics, Geophysics, Chemistry, Geology]
Nov.knigi za rub. Ser.B. (16a)	Novye knigi za rubezhom. Serlia B: Tekhnika [New Foreign Books. Series B: Technology]
Nov.knigi za rub. Ser.V (2a)	Novye knigi za rubezhom. Serlia V: Biologiia, meditsina, sel'skoe khoziaistvo [New Foreign Books. Series V: Biology, Medicine, Agriculture]
Nov.knigi za rub.po obshchestv. naukam;ekon., filos.,ist., mezhdunar.otn. (2a)	Novye knigi za rubezhom po obshchestvennym naukam; ekonomika, filosofiia, istoriia, mezhdunarodnye otnosheniia [New Foreign Books on the Social Sciences; Economics, Philosophy, History, International Relations]
Nov.tov. (5a)	Novye tovary, informatsionnyi biulleten' [New Consumer Goods, Information Bulletin]
Nov.vrem. (6)	Novoe vremia [New Times]
Novi knyhy URSR (2a)	Novi knyhy URSR [New Books of the Ukrainian S.S.R.]. In Ukrainian.
Num.i epig. (4b)	ǂ Numizmatika i epigrafika [Numismatics and Epigraphy]
Obobshch funk. (13e)	Obobshchennye funktsii [Generalized Functions]
Obog.rud (16h)	Obogashchenie rud [Ore Dressing]
Obshch.energ. (16e)	Obshchaia energetika [General Power Engineering]
Obshchestv.nauki v Uz. (1a)	Obshchestvennye nauki v uzbekistane [Social Sciences in Uzbekistan]
Obshchestv.pit. (16f)	Obshchestvennoe pitanie [Public Food Service]
Ogonek (1b)	Ogonek [The Little Light]
Oktiabr' (11b)	Oktiabr' [October]
Opt i spektr. (13f)	Optika i spektroskopiia [Optics and Spectroscopy]
Ortop.,travm.i protez. (14h)	Ortopediia, travmatologiia i protezirovanie [Orthopedics, Traumatology, and Prosthesis]
Osn.,fund.i mekh. grun. (16d)	Osnovaniia, fundamenty i mekhanika gruntov [Foundations and Soil Mechanics]
PMTF (16a)	PMTF; zhurnal prikladnoi mekhaniki i tekhnicheskoi fiziki [PMTF; Journal of Applied Mechanics and Technical Physics].
Paleont.zhur. (12c)	Paleontologicheskii zhurnal [Paleontological Journal]
Part.zhizn' (6)	Partiinaia zhizn' [Party Life]
Part.zhizn' [Uzb.] (6)	ǂ Partiinaia zhizn' [Party Life]
Pediatriia (14b)	Pediatriia [Pediatrics]
Poligr.proizv. (2c)	Poligraficheskoe proizvodstvo [Printing Industry]
Polit.samoobr. (6)	Politicheskoe samoobrazovanie [Political Self-Education]
Pozh.delo (16d)	Pozharnoe delo [Fire Fighting]
Prep.ist.v shkole (4a)	Prepodavanie istorii v shkole [Teaching History in Schools]
Priborostroenie (16g)	Priborostroenie [Instrument Manufacture]
Priroda (13a)	Priroda [Nature]
Prisp.dlia tekh. obsluzh.i rem. avt. (16g)	Prisposobleniia dlia tekhnicheskogo obsluzhivaniia i remonta avtomobilei [Accessories for Technical Servicing and Repair of Automobiles]
Probl.endok.i gorm. (14a)	Problemy endokrinologii i gormonoterapii [Problems of Endocrinology and Hormone Therapy]
Probl.pered. inform. (16e)	Problemy peredachi informatsii [Problems of the Transmission of Information]
Probl.sovr.met. (16h)	Problemy sovremennoi metallurgii; sborniki perevodov i obzorov inostrannoi periodicheskoi literatury [Problems of Contemporary Metallurgy; Translations and Surveys of Foreign Periodical Literature]
Prof.-tekh.obr. (16a)	Professional'no-tekhnicheskoe obrazovanie [Vocational Technical Education]
Proizv.smaz.mat. (16g)	Proizvodstvo smazochnykh materialov [Production of Lubricants]
Prom.Arm. (16a)	Promyshlennost' Armenii [Industry of Armenia]
Prom.energ. (16e)	Promyshlennaia energetika [Industrial Power]
Put' i put.khoz. (16d)	Put' i putevoe khoziaistvo [Railroad Tracks and Roadway Maintenance]

Rad. shk. (8a)	Radians'ka shkola [Soviet School]. In Ukrainian.
Radio (16c)	Radio [Radio]
Radiobiologiia (13c)	Radiobiologiia [Radiobiology]
Radiotekh. i elektron (16e)	Radiotekhnika i elektronika [Radio Engineering and Electronics]
Ref. sbor Ekon prom (5b)	Referativnyi sbornik· Ekonomika promyshlennosti [Journal of Abstracts Economics of Industry]
Ref. zhur Astron. i geod. (13b)	Referativnyi zhurnal· Astronomiia i geodeziia [Journal of Abstracts Astronomy and Geodesy]
Ref. zhur.: Avtom. i radioelektr. (16e)	Referativnyi zhurnal Avtomatika i radioelektronika [Journal of Abstracts· Automatic Control and Radio Engineering]
Ref. zhur.: Biol. (13c)	Referativnyi zhurnal: Biologiia [Journal of Abstracts, Biology]
Ref. zhur.: Elektrotekh. i energ. (16e)	Referativnyi zhurnal Elektrotekhnika i energetika [Journal of Abstracts: Electrical Engineering and Electric Power]
Ref. zhur. Fiz. (13f)	Referativnyi zhurnal Fizika [Journal of Abstracts: Physics]
Ref. zhur. Geofiz. (13f)	Referativnyi zhurnal· Geofizika [Journal of Abstracts Geophysics]
Ref. zhur. Geog. (12b)	Referativnyi zhurnal: Geografiia [Journal of Abstracts· Geography]
Ref. zhur. Geol. (12c)	Referativnyi zhurnal Geologiia [Journal of Abstracts Geology]
Ref. zhur.: Gor. delo (16h)	Referativnyi zhurnal: Gornoe delo [Journal of Abstracts: Mining]
Ref. zhur.: Khim. (13d)	Referativnyi zhurnal Khimiia [Journal of Abstracts· Chemistry]
Ref. zhur. Khim., Biol. khim. (13c)	Referativnyi zhurnal· Khimiia, Biologicheskaia khimiia [Journal of Abstracts· Chemistry; Biological Chemistry]
Ref. zhur.: Mashinostr. (16g)	Referativnyi zhurnal: Mashinostroenie [Journal of Abstracts: Machinery Manufacture]
Ref. zhur. Mat. (13e)	Referativnyi zhurnal: Matematika [Journal of Abstracts Mathematics]
Ref. zhur. Mekh. (13f)	Referativnyi zhurnal Mekhanika [Journal of Abstracts Mechanics]
Ref. zhur.: Met. (16h)	Referativnyi zhurnal· Metallurgiia [Journal of Abstracts: Metallurgy]
Ref. zhur Transp. (16d)	Referativnyi zhurnal: Transport [Journal of Abstracts: Transportation]
Sakh. prom. (16c)	Sakharnaia promyshlennost' [Sugar Industry]
Sbor nauch. rab. Inst. bud. i arkhit. AN BSSR (10b)	Akademiia navuk BSSR, Minsk. Instytut budaunitstva i arkhitektury. Sbornik nauchnykh rabot [Academy of Sciences of the White Russian S.S.R. Institute of Construction and Architecture. Collected Papers]
Sbor. nauch. rab. Inst metalofiz. AN URSR (16h)	Akademiia nauk URSR, Kiev. Instytut metalofizyky. Sbornik nauchnykh rabot [Academy of Sciences of the Ukrainian S.S.R. Institute of the Physics of Metals. Collected Papers]
Sbor. nauch. rab. VNIIPPiT (2c)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut poligraficheskoi promyshlennosti i tekhniki. Sbornik nauchnykh rabot [All-Union Scientific Research Institute of the Printing Industry and Technology. Collection of Scientific Papers]
Sbor. nauch. st. Azovo-cher. inst. mekh. sel'khoz. (15a)	‡Zernovoy. Azovo-chernomorskii institut mekhanizatsii sel'skogo khoziaistva. Sbornik nauchnykh statei [Azov-Black Sea Institute for the Mechanization of Agriculture. Collected Articles]
Sbor. nauch. trud. Bel. politekh. inst. (16a)	Minsk. Belorusskii politekhnicheskii institut. Sbornik nauchnykh trudov [White Russian Polytechnic Institute. Collected Scientific Papers]
Sbor. rab. Kursk. gidromet. obser. (13f)	‡Kursk. Gidrometeorologicheskaia observatoriia. Sbornik rabot [Hydrometeorological Observatory. Collected Papers]
Sbor. rab. po sinop. (13f)	Russia (1923- U.S.S.R.) Glavnoe upravlenie gidrometeorologicheskoi sluzhby. Sbornik rabot po sinoptike [Main Administration of the Hydrometeorological Service. Papers on Synoptics]
Sbor. rab. Tbil. gidromet. obser. (13f)	‡Tiflis. Gidrometeorologicheskaia observatoriia. Sbornik rabot [Hydrometeorological Observatory. Collected Papers]
Sbor. rats. predl. vnedr. v proizv. (16k)	Sbornik ratsionalizatorskikh predlozhenii, vnedrennykh v proizvodstvo [Collection of Innovations Introduced in Production]
Sbor. trud. Arkh. gos. ped. inst. (1a)	‡Archangel. Gosudarstvennyi pedagogicheskii institut. Sbornik trudov [State Pedagogical Institute. Collected Papers]
Sel'. khoz. (15a)	Sel'skoe khoziaistvo; sistematicheskii ukazatel' statei v inostrannykh zhurnalakh [Agriculture; Systematical Index of Articles in Foreign Periodicals]
Sel'. stroi. (16d)	Sel'skoe stroitel'stvo [Rural Construction]
Sel'khoz. lit. SSSR (15a)	Sel'skokhoziaistvennaia literatura SSSR [Agricultural Literature of the U.S.S.R.]
Sem'ia i shkola (8a)	Sem'ia i shkola [Family and School]
Shkola i proizv (8a)	Shkola i proizvodstvo [School and Production]
Smena (5e)	Smena [The Younger Generation]
Soob. AN Gruz. SSR (1a)	Akademiia nauk Gruzinskoi SSR, Tiflis. Soobshcheniia [Academy of Sciences of the Georgian S.S.R. Reports. Russian language edition]
Soob GAISH (13b)	Moscow Universitet. Gosudarstvennyi astronomicheskii institut. Soobshcheniia [University State Astronomical Institute. Reports]
Sots. kul't. (1b)	Sotsialistychna kul'tura [Socialist Culture]. In Ukrainian.
Sots trud (5d)	Sotsialisticheskii trud [Socialist Labor]
Sots zakon (7)	Sotsialisticheskaia zakonnost' [Socialist Legality]
Sov. arkheol. (4b)	Sovetskaia arkheologiia [Soviet Archaeology]
Sov. deput trud. (6)	Sovety deputatov trudiashchikhsia [Soviets of Workers' Deputies]
Sov. foto (16c)	Sovetskoe foto [The Soviet Photo]
Sov iust. (7)	Sovetskaia iustitsiia [Soviet Justice]
Sov. pedag. (8a)	Sovetskaia pedagogika [Soviet Peadgogy]
Sov. profsoiuzy (5d)	Sovetskie profsoiuzy [Soviet Trade Unions]
Sov. shakht. (16h)	Sovetskii shakhter [Soviet Miner]
Sov. torg (5a)	Sovetskaia torgovlia [Soviet Commerce]
Sov. Ukr. (11b)	Sovetskaia Ukraina [Soviet Ukraine]
Sred. spets. shr. (8a)	Srednee spetsial'noe obrazovanie [Secondary Specialized Education]
Sred. veka (4a)	Akademiia nauk SSSR. Institut istorii. Srednie veka [Academy of Sciences of the U.S.S.R. Institute of History. The Middle Ages]
Stan. i instr. (16g)	Stanki i instrument [Machine Tools and Their Cutting Tools]
Stek. i ker. (16c)	Steklo i keramika [Glass and Ceramics]
Stroi. i arkhit. (10b)	Stroitel'stvo i arkhitektura [Construction and Architecture]
Stroi. i arkhit. Mosk. (10b)	Stroitel'stvo i arkhitektura Moskvy [Construction and Architecture in Moscow]
Stroi. i dor. mash. (16g)	Stroitel'nye i dorozhnye mashiny [Road and Construction Machinery]
Stroi. mat. (16d)	Stroitel'nye materialy [Building Materials]
Stroi truboprov. (16h)	Stroitel'stvo truboprovodov [Pipeline Construction]
Stroitel' (16d)	Stroitel' [The Builder]
Svar. proizv. (16f)	Svarochnoe proizvodstvo [Welding Practice]
Svetotekhnika (16e)	Svetotekhnika [Illuminating Engineering]
Svod. biul. nov. inostr. knig. Ser. A (2a)	Svodnyi biulleten' novykh inostrannykh knig, postupivshikh v biblioteki SSSR. Seriia A· Estestvennye nauki, meditsina, sel'skoe khoziaistvo, tekhnika [Union List of New Foreign Books Received by the Libraries of the U.S.S.R. Series A· Natural Sciences, Medicine, Agriculture, Technology]
Svod. biul. nov. inostr. knig. Ser. B (2a)	Svodnyi biulleten' novykh inostrannykh knig, postupivshikh v biblioteki SSSR Seriia B: Obshchestvennye nauki [Union List of New Foreign Books Received by the Libraries of the U.S.S.R. Series B: Social Sciences]
Teatr (9c)	Teatr [The Theater]
Tekh. kino i telev. (9a)	Tekhnika kino i televidenia [Motion-Picture and Television Engineering]
Tekst. prom. (16f)	Tekstil'naia promyshlennost' [Textile Industry]
Teploenergetika (16g)	Teploenergetika [Heat Engineering]
Torg. za rub. (5a)	Torgovlia za rubezhom [Trade Abroad]
Trudy AANII (12b)	Leningrad. Arkticheskii i antarkticheskii nauchno-issledovatel'skii institut. Trudy [Arctic and Antarctic Scientific Research Institute. Transactions]
Trudy Alt. GMNII AN Kazakh. SSR (16h)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Altaiskii gornometallurgicheskii nauchno-issledovatel'skii institut. Trudy [Academy of Sciences of the Kazakh S.S.R. Altai Scientific Research Institute of Mining and Metallurgy. Transactions]
Trudy Azerb. gos. zaoch. ped. inst. (1a)	Baku. Azerbaidzhanskii gosudarstvennyi zaochnyi pedagogicheskii institut. Trudy [Azerbaijan State Correspondence Pedagogical Institute. Transactions] In Russian and Azerbaijani
Trudy BKNII (1a)	‡Ulan-Udo. Buriatskii kompleksnyi nauchno-issledovatel'skii institut. Trudy [Buryat Scientific Research Institute. Transactions]
Trudy Baik. limnol. sta. (13c)	Akademiia nauk SSSR. Baikal'skaia limnologicheskaia stantsiia. Trudy [Academy of Sciences of the U.S.S.R. Baikal Limnological Station. Transactions]
Trudy Est.-ist muz. AN Azerb SSR (13c)	Baku Estestvenno-istoricheskii muzei. Trudy [Natural History Museum Transactions]
Trudy GAISH (13b)	Moscow. Universitet. Gosudarstvennyi astronomicheskii institut. Trudy [University. State Astronomical Institute. Transactions]

Khim.prom. (16c)	Khimicheskaia promyshlennost' [Chemical Industries]
Khim v shkole (13d)	Khimiia v shkole [Chemistry in Schools]
Klin.med. (14a)	Klinicheskaia meditsina [Clinical Medicine]
Knizh.let. (2a)	Knizhnaia letopis' [Book Chronicle]
Koll.zhur. (13d)	Kolloidnyi zhurnal [Colloid Journal]
Komar chten. (13c)	Komarovskie chteniia [Komarov Lectures]
Komm.Ukr. (6)	Kommunist Ukrainy [Communist of the Ukraine]
Komm.Vooruzh.Sil (17a)	Kommunist Vooruzhennykh Sil [Communist of the Armed Forces]
Kommunist (6)	Kommunist [Communist]
Kons i ov.prom (16c)	Konservnaia i ovoshchesushil'naia promyshlennost' [The Canning and Dehydrated Vegetable Industry]
Koop.Kazakh. (5a)	Kooperator Kazakhstana [The Cooperative Worker of Kazakhstan]
Kozh -obuv prom (16f)	Kozhevenno-obuvnaia promyshlennost' [Leather and Footwear Industry]
Krat.soob.Inst. nar.Azii (4a)	‡Akademiia nauk SSSR. Institut narodov Azii. Kratkie soobshcheniia [Academy of Sciences of the U.S.S.R. Institute of the Peoples of Asia. Brief reports]
Kristallografiia (13f)	Kristallografiia [Crystallography]
Kryl.rod. (16b)	Kryl'ia rodiny [Wings of the Motherland]
Kuz -shtam.proizv. (16g)	Kuznechno-shtampovochnoe proizvodstvo [Forging and Stamping]
Let.gazet.st. (2a)	Letopis' gazetnykh statei [Chronicle of Newspaper Articles]
Let.izobr.isk. (10a)	Letopis' izobrazitel'nogo iskusstva [Chronicle of Fine Arts]
Let.muz.lit. (9b)	Letopis' muzykal'noi literatury [Chronicle of Musical Literature]
Let.zhur. st. (2a)	Letopis' zhurnal'nykh statei [Chronicle of Periodical Articles]
Masl.-zhir.prom. (16c)	Maslobolno-zhirovaia promyshlennost' [Oils and Fats Industry]
Mat.i dosl.z arkheol.Prikarp. i Vol. (4b)	‡Materialy i doslidzhennia z arkheologii Prikarpattia i Volyni [Materials and Research in the Archaeology of Ciscarpathia and Volhynia]. In Ukrainian.
Mat.po proizv.sil, Uzb. (5b)	Materialy po proizvoditel'nym siliam Uzbekistana [Materials on Productive Forces of Uzbekistan]
Mat sbor. (13e)	Matematicheskii sbornik [Mathematical Review]
Mat.v shkole (13e)	Matematika v shkole [Mathematics in Schools]
Med.ref.zhur. (14a)	Meditsinskii referativnyi zhurnal [Medical Abstracts]
Mekhanika (16g)	Mekhanika, periodicheskii sbornik perevodov inostrannykh statei [Mechanics, Translations of Foreign Articles]
Metalloved.i term. obr met. (16h)	Metallovedenie i termicheskaia obrabotka metallov [Metals and Heat Treatment of Metals]
Metallurg (16h)	Metallurg [Metallurgist]
Meteor.i gidrol. (13f)	Meteorologiia i gidrologiia [Meteorology and Hydrology]
Metod.anal.org. soed.nefti,ikh smes.i proizv. (16c)	‡Metody analiza organicheskikh soedinenii nefti, ikh smesei i proizvodnykh [Methods for the Analysis of Organic Petroleum Compounds, their mixtures, and derrivatives]
Metod.izuch.tekt. struk. (12c)	‡Metody izucheniia tektonicheskikh struktur [Methods for Studying Tectonic Structures]
Mont.i spets.rab. v stroi (16d)	Montazhnye i spetsializirovannye raboty v stroitel'stve [Assembling and Specialized Operations in Construction]
Moskva (11b)	Moskva [Moscow]
NTO (16a)	Nauchno-tekhnicheskie obshchestva SSSR [Scientific Technological Societies of the U.S.S.R.]
Na stroi Ros. (16d)	Na stroikakh Rossii [At Russian Construction Projects]. Organ of Gosudarstvennyi komitet Soveta Ministrov RSFSR po delam stroitel'stva [State Committee of the Council of Ministers of the R.S.F.S.R.]
Nar.Azii i Afr. (4a)	‡Narody Azii i Afriki; istoriia, ekonomika, kul'tura [Peoples of Asia and Africa, History, Economics, Culture]
Nar.khoz.Kazakh. (5b)	Narodnoe khoziaistvo Kazakhstana [The National Economy of Kazakhstan]
Nar.obr. (8a)	Narodnoe obrazovanie [Public Education]
Nauch.-metod.zap. Ural.gos.konser. (9b)	Sverdlovsk. Ural'skaia gosudarstvennaia konservatoriia iment M.P.Musorgskogo. Nauchno-metodicheskie zapiski [M.P.Musorgskii Ural State Conservatory. Methodological Studies]
Nauch.trudy Sev. zap.nauch.-issl. inst.sel'khoz. (15a)	‡Severo-zapadnyi nauchno-issledovatel'skii institut sel'skogo khoziaistva. Nauchnye trudy [North-western Scientific Research Institute of Agriculture. Studies]
Nauch.zap.Kiev. fin.-ekon.inst. (5b)	‡Kiev. Finansovo-ekonomichnyi instytut. Uchenye zapiski [Institute of Finance and Economics. Studies]
Nauch.zap.MIIVKH (16d)	Moscow. Institut inzhenerov vodnogo khoziaistva. Nauchnye zapiski [Institute of Water Resources Engineers. Studies]
Nauk.zap.L'viv. derzh.ped.inst. (1a)	Lvov. Derzhavnyi pedagogichnyi instytut. Naukovi zapysky [State Pedagogical Institute. Studies]
Nauka i zhizn' (13a)	Nauka i zhizn' [Science and Life]
Nauka i zhyttia (13a)	Nauka i zhyttia [Science and Life]. In Ukrainian.
Neft.khoz. (16h)	Neftianoe khoziaistvo [The Petroleum Industry]
Neftianik (16h)	Neftianik [The Petroleum Worker]
Nov.knigi (2a)	Novye knigi [New Books]
Nov.knigi za rub. Ser.A (13a)	Novye knigi za rubezhom. Seriia A. Matematika, mekhanika, astronomiia, fizika, geofizika, khimiia, geologiia [New Foreign Books. Series A: Mathematics, Mechanics, Astronomy, Physics, Geophysics, Chemistry, Geology]
Nov.knigi za rub, Ser.B. (16a)	Novye knigi za rubezhom. Seriia B: Tekhnika [New Foreign Books. Series B: Technology]
Nov.knigi za rub. Ser.V (2a)	Novye knigi za rubezhom. Seriia V: Biologiia, meditsina, sel'skoe khoziaistvo [New Foreign Books. Series V: Biology, Medicine, Agriculture]
Nov.knigi za rub.po obshchestv. naukam;ekon., filos.,ist., mezhdunar.otn. (2a)	Novye knigi za rubezhom po obshchestvennym naukam; ekonomika, filosofiia, istoriia, mezhdunarodnye otnosheniia [New Foreign Books on the Social Sciences; Economics, Philosophy, History, International Relations]
Nov.tov (5a)	Novye tovary; informatsionnyi biulleten' [New Consumer Goods, Information Bulletin]
Nov.vrem. (6)	Novoe vremia [New Times]
Novi knyhy URSR (2a)	Novi knyhy URSR [New Books of the Ukrainian S.S.R.]. In Ukrainian.
Num.i epig. (4b)	‡ Numizmatika i epigrafika [Numismatics and Epigraphy]
Obobshch.funk. (13e)	Obobshchennye funktsii [Generalized Functions]
Obog.rud (16h)	Obogashchenie rud [Ore Dressing]
Obshch.energ. (16e)	Obshchaia energetika [General Power Engineering]
Obshchestv.nauki v Uz. (1a)	Obshchestvennye nauki v uzbekistane [Social Sciences in Uzbekistan]
Obshchestv.pit. (16f)	Obshchestvennoe pitanie [Public Food Service]
Ogonek (1b)	Ogonek [The Little Light]
Oktiabr' (11b)	Oktiabr' [October]
Opt i spektr. (13f)	Optika i spektroskopiia [Optics and Spectroscopy]
Ortop.,travm.i protez. (14h)	Ortopediia, travmatologiia i protezirovanie [Orthopedics, Traumatology, and Prosthesis]
Osn.,fund.i mekh. grun. (16d)	Osnovaniia, fundamenty i mekhanika gruntov [Foundations and Soil Mechanics]
PMTF (16a)	PMTF; zhurnal prikladnoi mekhaniki i tekhnicheskoi fiziki [PMTF; Journal of Applied Mechanics and Technical Physics].
Paleont.zhur. (12c)	Paleontologicheskii zhurnal [Paleontological Journal]
Part.zhizn' (6)	Partiinaia zhizn' [Party Life]
Part.zhizn' [Uzb.] (6)	‡ Partiinaia zhizn' [Party Life]
Pediatriia (14b)	Pediatriia [Pediatrics]
Poligr.proizv. (2c)	Poligraficheskoe proizvodstvo [Printing Industry]
Polit.samoobr. (6)	Politicheskoe samoobrazovanie [Political Self-Education]
Pozh.delo (16d)	Pozharnoe delo [Fire Fighting]
Prep.ist.v shkole (4a)	Prepodavanie istorii v shkole [Teaching History in Schools]
Priborostroenie (16g)	Priborostroenie [Instrument Manufacture]
Priroda (13a)	Priroda [Nature]
Prisp.dlia tekh. obsluzh.i rem. avt. (16g)	Prisposobleniia dlia tekhnicheskogo obsluzhivaniia i remonta avtomobilei [Accessories for Technical Servicing and Repair of Automobiles]
Probl.endok.i gorm. (14a)	Problemy endokrinologii i gormonoterapii [Problems of Endocrinology and Hormone Therapy]
Probl.pered. inform. (16e)	Problemy peredachi informatsii [Problems of the Transmission of Information]
Probl.sovr.met. (16h)	Problemy sovremennoi metallurgii; sborniki perevodov i obzorov inostrannoi periodicheskoi literatury [Problems of Contemporary Metallurgy; Translations and Surveys of Foreign Periodical Literature]
Prof.-tekh.obr. (16a)	Professional'no-tekhnicheskoe obrazovanie [Vocational Technical Education]
Proizv.smaz.mat. (16g)	Proizvodstvo smazochnykh materialov [Production of Lubricants]
Prom.Arm. (16a)	Promyshlennost' Armenii [Industry of Armenia]
Prom.energ. (16e)	Promyshlennaia energetika [Industrial Power]
Put' i put.khoz. (16d)	Put' i putevoe khoziaistvo [Railroad Tracks and Roadway Maintenance]

Rad. shk. (8a)	Radians'ka shkola [Soviet School]. In Ukrainian.
Radio (16e)	Radio [Radio]
Radiobiologiia (13c)	Radiobiologiia [Radiobiology]
Radiotekh. i elektron (16e)	Radiotekhnika i elektronika [Radio Engineering and Electronics]
Ref. sbor. Ekon. prom. (5b)	Referativnyi sbornik. Ekonomika promyshlennosti [Journal of Abstracts: Economics of Industry]
Ref. zhur. Astron. i geod. (13b)	Referativnyi zhurnal. Astronomiia i geodeziia [Journal of Abstracts. Astronomy and Geodesy]
Ref. zhur.; Avtom. i radioelektr. (16e)	Referativnyi zhurnal Avtomatika i radioelektronika [Journal of Abstracts. Automatic Control and Radio Engineering]
Ref. zhur., Biol. (13c)	Referativnyi zhurnal Biologiia [Journal of Abstracts Biology]
Ref. zhur.; Elektrotekh. i energ. (16e)	Referativnyi zhurnal: Elektrotekhnika i energetika [Journal of Abstracts. Electrical Engineering and Electric Power]
Ref. zhur. Fiz. (13f)	Referativnyi zhurnal. Fizika [Journal of Abstracts: Physics]
Ref. zhur. Geofiz. (13f)	Referativnyi zhurnal. Geofizika [Journal of Abstracts. Geophysics]
Ref. zhur.; Geog (12b)	Referativnyi zhurnal Geografiia [Journal of Abstracts. Geography]
Ref. zhur. Geol. (12c)	Referativnyi zhurnal Geologiia [Journal of Abstracts: Geology]
Ref. zhur.; Gor. delo (16h)	Referativnyi zhurnal Gornoe de'o [Journal of Abstracts. Mining]
Ref. zhur. Khim. (13d)	Referativnyi zhurnal: Khimiia [Journal of Abstracts. Chemistry]
Ref. zhur.; Khim.; Biol. khim. (13c)	Referativnyi zhurnal Khimiia, Biologicheskaia khimiia [Journal of Abstracts: Chemistry; Biological Chemistry]
Ref. zhur.; Mashinostr. (16g)	Referativnyi zhurnal: Mashinostroenie [Journal of Abstracts: Machinery Manufacture]
Ref. zhur.; Mat. (13e)	Referativnyi zhurnal. Matematika [Journal of Abstracts. Mathematics]
Ref. zhur. Mekh. (13f)	Referativnyi zhurnal Mekhanika [Journal of Abstracts. Mechanics]
Ref. zhur.; Met. (16h)	Referativnyi zhurnal. Metallurgiia [Journal of Abstracts Metallurgy]
Ref. zhur Transp. (16d)	Referativnyi zhurnal: Transport [Journal of Abstracts. Transportation]
Sakh. prom. (16c)	Sakharnaia promyshlennost' [Sugar Industry]
Sbor nauch. rab. inst. bud. i arkhit. AN BSSR (10b)	Akademiia navuk BSSR, Minsk. Instytut budaunitstva i arkhitektury. Sbornik nauchnykh rabot [Academy of Sciences of the White Russian S.S.R. Institute of Construction and Architecture. Collected Papers]
Sbor. nauch. rab. inst. metallofiz. AN URSR (16h)	Akademiia nauk URSR, Kiev. Instytut metalofizyky. Sbornik nauchnykh rabot [Academy of Sciences of the Ukrainian S.S.R. Institute of the Physics of Metals. Collected Papers]
Sbor. nauch. rab. VNIIPPIT (2c)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut poligraficheskoi promyshlennosti i tekhniki. Sbornik nauchnykh rabot [All-Union Scientific Research Institute of the Printing Industry and Technology. Collection of Scientific Papers]
Sbor. nauch. st. Azovo-chor. inst. mekh. sel'khoz. (16a)	Zernovoy. Azovo-chernomorskii institut mekhanizatsii sel'skogo khoziaistva. Sbornik nauchnykh statei [Azov-Black Sea Institute for the Mechanization of Agriculture. Collected Articles]
Sbor. nauch. trud. Bel. politekh. inst. (16a)	Minsk. Belorusskii politekhnicheskii institut. Sbornik nauchnykh trudov [White Russian Polytechnic Institute. Collected Scientific Papers]
Sbor. rab. Kursk. gidromet. obser. (13f)	Kursk. Gidrometeorologicheskaia observatoriia. Sbornik rabot [Hydrometeorological Observatory. Collected Papers]
Sbor. rab. po sinop. (13f)	Russia (1923- U.S.S.R.) Glavnoe upravlenie gidrometeorologicheskoi sluzhby. Sbornik rabot po sinoptike [Main Administration of the Hydrometeorological Service. Papers on Synoptics]
Sbor. rab. Tbil. gidromet. obser. (13f)	Tiflis. Gidrometeorologicheskaia observatoriia. Sbornik rabot [Hydrometeorological Observatory. Collected Papers]
Sbor. rats. predl. vnedr. v proizv. (16h)	Sbornik ratsionalizatorskikh predlozhenii, vnedrennykh v proizvodstvo [Collection of Innovations Introduced in Production]
Sbor. trud. Arkh. gos. ped. inst. (1a)	Archangel. Gosudarstvennyi pedagogicheskii institut. Sbornik trudov [State Pedagogical Institute. Collected Papers]
Sel'. khoz. (15a)	Sel'skoe khoziaistvo; sistematicheskii ukazatel' statei v inostrannykh zhurnalakh [Agriculture; Systematical Index of Articles in Foreign Periodicals]
Sel'. stroi. (16d)	Sel'skoe stroitel'stvo [Rural Construction]
Sel'khoz. lit. SSSR (15a)	Sel'skokhoziaistvennaia literatura SSSR [Agricultural Literature of the U.S.S.R.]
Sem'ia i shkola (8a)	Sem'ia i shkola [Family and School]
Shkola i proizv. (8a)	Shkola i proizvodstvo [School and Production]
Smena (5e)	Smena [The Younger Generation]
Soob. AN Gruz. SSR (1a)	Akademiia nauk Gruzinskoi SSR, Tiflis. Soobshcheniia [Academy of Sciences of the Georgian S.S.R. Reports. Russian language edition]
Soob GAISH (13b)	Moscow Universitet. Gosudarstvennyi astronomicheskii institut. Soobshcheniia [University State Astronomical Institute. Reports]
Sots. kul't. (1b)	Sotsialistychna kul'tura [Socialist Culture]. In Ukrainian.
Sots. trud (5d)	Sotsialisticheskii trud [Socialist Labor]
Sots. zakon. (7)	Sotsialisticheskaia zakonnost' [Socialist Legality]
Sov. arkheol. (4b)	Sovetskaia arkheologiia [Soviet Archaeology]
Sov. deput. trud. (8)	Sovety deputatov trudiashchikhsia [Soviets of Workers' Deputies]
Sov. foto (16c)	Sovetskoe foto [The Soviet Photo]
Sov. iust (7)	Sovetskaia iustitsiia [Soviet Justice]
Sov. pedag. (8a)	Sovetskaia pedagogika [Soviet Peadgogy]
Sov. profsoiuzy (5d)	Sovetskie profsoiuzy [Soviet Trade Unions]
Sov. shakht. (16h)	Sovetskii shakhter [Soviet Miner]
Sov. torg. (5a)	Sovetskaia torgovlia [Soviet Commerce]
Sov. Ukr. (11b)	Sovetskaia Ukraina [Soviet Ukraine]
Sred. spets. obr. (8a)	Srednee spetsial'noe obrazovanie [Secondary Specialized Education]
Sred. veka (4a)	Akademiia nauk SSSR. Institut istorii. Srednie veka [Academy of Sciences of the U.S.S.R. Institute of History. The Middle Ages]
Stan. i instr (16g)	Stanki i instrument [Machine Tools and Their Cutting Tools]
Stek. i ker. (16c)	Steklo i keramika [Glass and Ceramics]
Stroi. i arkhit. (10b)	Stroitel'stvo i arkhitektura [Construction and Architecture]
Stroi. i arkhit. Mosk. (10b)	Stroitel'stvo i arkhitektura Moskvy [Construction and Architecture in Moscow]
Stroi. i dor. mash. (16g)	Stroitel'nye i dorozhnye mashiny [Road and Construction Machinery]
Stroi. mat. (16d)	Stroitel'nye materialy [Building Materials]
Stroi truboprov. (16h)	Stroitel'stvo truboprovodov [Pipeline Construction]
Stroitel' (16d)	Stroitel' [The Builder]
Svar. proizv. (16f)	Svarochnoe proizvodstvo [Welding Practice]
Svetotekhnika (16e)	Svetotekhnika [Illuminating Engineering]
Svod. biul. nov. inostr. knig. Ser. A (2a)	Svodnyi biulleten' novykh inostrannykh knig, postupivshikh v biblioteki SSSR. Serlia A: Estestvennye nauki, meditsina, sel'skoe khoziaistvo, tekhnika [Union List of New Foreign Books Received by the Libraries of the U.S.S.R. Series A: Natural Sciences, Medicine, Agriculture, Technology]
Svod. biul. nov. inostr. knig. Ser. B (2a)	Svodnyi biulleten' novykh inostrannykh knig, postupivshikh v biblioteki SSSR. Serlia B: Obshchestvennye nauki [Union List of New Foreign Books Received by the Libraries of the U.S.S.R. Series B: Social Sciences]
Teatr (9c)	Teatr [The Theater]
Tekh. kino i telev. (9a)	Tekhnika kino i televidenila [Motion-Picture and Television Engineering]
Tekst. prom. (16f)	Tekstil'naia promyshlennost' [Textile Industry]
Teploenergetika (16g)	Teploenergetika [Heat Engineering]
Torg. za rub. (5a)	Torgovlia za rubezhom [Trade Abroad]
Trudy AANII (12b)	Leningrad. Arkticheskii i antarkticheskii nauchno-issledovatel'skii institut Trudy [Arctic and Antarctic Scientific Research Institute. Transactions]
Trudy Alt. GMNII AN Kazakh. SSR (16h)	Akademiia nauk Kazakhskoi SSR, Alma-Ata Altaiskii gornometallurgicheskii nauchno-issledovatel'skii institut. Trudy [Academy of Sciences of the Kazakh S.S.R Altai Scientific Research Institute of Mining and Metallurgy. Transactions]
Trudy Azerb. gos. zaoch. ped. inst. (1a)	Baku. Azerbaidzhanskii gosudarstvennyi zaochnyi pedagogicheskii institut. Trudy [Azerbaijan State Correspondence Pedagogical Institute. Transactions] In Russian and Azerbaijani.
Trudy BKNII (1a)	Ulan-Ude. Buriatskii kompleksnyi nauchno-issledovatel'skii institut. Trudy [Buryat Scientific Research Institute. Transactions]
Trudy Baik. limnol. sta. (13c)	Akademiia nauk SSSR Baikal'skaia limnologicheskaia stantsiia. Trudy [Academy of Sciences of the U.S.S.R. Baikal Limnological Station. Transactions]
Trudy Est.-ist muz. AN Azerb SSR (13c)	Baku. Estestvenno-istoricheskii muzei Trudy [Natural History Museum Transactions]
Trudy GAISH (13b)	Moscow. Universitet. Gosudarstvennyi astronomicheskii institut. Trudy [University. State Astronomical Institute. Transactions]

Trudy GGI (12b)	Leningrad. Gosudarstvennyi gidrologicheskii institut. Trudy [State Hydrological Institute. Transactions]
Trudy GGO (13f)	Leningrad Glavnaia geofizicheskaia observatoriia. Trudy [Main Geophysical Observatory. Transactions]
Trudy GOIN (12b)	Moscow. Gosudarstvennyi okeanograficheskii institut Trudy [State Oceanographic Institute. Transactions]
Trudy IGEM (12c)	Akademiia nauk SSSR Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. Trudy [Academy of Sciences of the U. S. S. R. Institute of the Geology of Ore Deposits, Petrology, Mineralogy, and Geochemistry Transactions]
Trudy ITA (13b)	Akademiia nauk SSSR. Institut teoreticheskoi astronomii. Trudy [Academy of Sciences of the U S S. R. Institute of Theoretical Astronomy. Transactions]
Trudy Inst. eksp. morf. AN Gruz. SSR (13c)	ǂAkademiia nauk Gruzinskoi SSR, Tiflis. Institut eksperimental'noi morfologii. Trudy [Academy of Sciences of the Georgian S. S. R. Institute of Experimental Morphology. Transactions]. In Russian or Georgian with summaries in the other language.
Trudy Inst. elek., avtom. i telem. AN Gruz. SSR (16e)	Akademiia nauk Gruzinskoi SSR, Tiflis. Institut elektroniki, avtomatiki i telemekhaniki. Trudy [Academy of Sciences of the Georgian S. S. R. Institute of Electronics, and Automatic and Remote Control. Transactions]
Trudy Inst. etn. (12a)	Akademiia nauk SSSR. Institut etnografii. Trudy [Academy of Sciences of the U. S. S. R. Institute of Ethnography. Transactions]
Trudy Inst. geol. i geofiz. Sib. otd. AN SSSR (12c)	Akademiia nauk SSSR, Sibirskoe otdelenie. Institut geologii i geofiziki. Trudy [Academy of Sciences of the U. S. S. R. Siberian Department. Institute of Geology and Geophysics. Transactions]
[Trudy] Inst. geol. nauk AN URSR. Ser. geotek. i geofiz. (12c)	Akademiia nauk URSR, Kiev. Instytut geologichnykh nauk. [Trudy]. Seriia geotektoniky i geofizyky [Academy of Sciences of the Ukrainian S. S. R Institute of Geological Sciences. (Transactions). Series in Geotectonics and Geophysics]. In Ukrainian.
Trudy Inst. gidrobiol. AN URSR (13c)	Akademiia nauk URSR, Kiev. Instytut hidrobiologii. Trudy [Academy of Sciences of the Ukrainian S. S. R. Institute of Hydrobiology Transactions]
Trudy Inst. iad fiz. AN Kazakh. SSR (13f)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut iadernoi fiziki. Trudy [Academy of Sciences of the Kazakh S. S. R. Institute of Nuclear Physics. Transactions]
Trudy Inst. ist. AN Azerb. SSR (4a)	Akademiia nauk Azerbaidzhanskoi SSR, Baku. Institut istorii. Trudy [Academy of Sciences of the Azerbaijan S. S. R Institute of History. Transactions]
Trudy Inst. mash. Ssm. po teor. mash. (16g)	Akademiia nauk SSSR Institut mashinovedeniia. Trudy. Seminar po teorii mashin i mekhanizmov [Academy of Sciences of the U. S. S. R. Institute of Mechanical Engineering. Transactions. Seminar on the Theory of Machines and Mechanisms]
Trudy Inst. okean. (12b)	Akademiia nauk SSSR. Institut okeanologii. Trudy [Academy of Sciences of the U. S. S. R. Institute of Oceanography. Transactions]
Trudy KHS KHI (15a)	Kharkov. Sil's'kohospodars'kyi instytut. Trudy [Agricultural Institute. Transactions]
Trudy Kirov. otd. Vses. fiziol. ob-va (13c)	ǂVsesoiuznoe fiziologicheskoe obshchestvo imeni I. P. Pavlova. Kirovskoe otdelenie. Trudy [I. P. Pavlov All-Union Physiological Society. Kirov Branch. Transactions]
Trudy LIEI (16a)	Leningrad. Leningradskii inzhenerno-ekonomicheskii institut. Trudy [Leningrad Engineering and Economics Institute. Transactions]
Trudy LSGMI (14g)	Leningrad Sanitarno-gigienicheskii meditsinskii institut. Trudy [Medical Institute of Sanitation and Hygiene. Transactions]
Trudy NIKFI (16c)	Moscow. Nauchno-issledovatel'skii kinofotoinstitut. Trudy [Scientific Research Institute of Motion Pictures and Photography. Transactions]
Trudy Nauch.-issl. inst. shin. prom. (16f)	ǂ Moscow. Nauchno-issledovatel'skii institut shinnoi promyshlennosti. Trudy [Scientific Research Institute of the Tire Industry. Transactions]
Trudy OmSKhI (15a)	Omsk. Sel'skokhoziaistvennyi institut. Trudy [Agricultural Institute. Transactions]
Trudy Otd. geog. AN Kazakh. SSR (12b)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Otdel geografii. Trudy [Academy of Sciences of the Kazakh S. S. R. Section of Geography. Transactions]
Trudy SANIIRI (16d)	Tashkent Srednaziatskii nauchno-issledovatel'skii institut irrigatsii. Trudy [Central Asia Scientific Research Institute of Irrigation Transactions]
Trudy SIMSKH (15a)	Saratov. Institut mekhanizatsii sel'skogo khoziaistva. Trudy [Institute of the Mechanization of Agriculture. Transactions]
Trudy sov. Ikht kom. (15b)	Akademiia nauk SSSR Ikhtiologicheskaia komissiia. Trudy soveshchanii [Academy of Sciences of the U. S. S. R. Ichthyological Commission Transactions of Conferences]
Trudy TSIP (13f)	Moscow. TSentral'nyi institut prognozov. Trudy [Central Weather Institute. Transactions]
Trudy TSNII MPS (16g)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy [All-Union Scientific Research Institute of Railroad Transportation. Transactions]
Trudy TSNIIMF (17b)	Leningrad. TSentral'nyi nauchno-issledovatel'skii institut morskogo flota. Trudy [Central Scientific Research Institute of the Merchant Marine. Transactions]
Trudy TbII. NIGMI (13f)	Tiflis. Nauchno-issledovatel'skii gidrometeorologicheskii institut Trudy [Hydrometeorological Scientific Research Institute. Transactions]
Trudy UkrNIGMI (13f)	Kiev. Ukrainskii nauchno-issledovatel'skii gidrometeorologicheskii institut. Trudy [Ukrainian Scientific Research Hydrometeorological Institute. Transactions]
Trudy Ural. politekh. inst. (16a)	Sverdlovsk. Ural'skii politekhnicheskii institut. Trudy [Ural Polytechnic Institute. Transactions]
Trudy Uz. geol. upr. (12c)	ǂUzbek SSR. Geologicheskoe upravlenie. Trudy [Uzbek S. S. R. Geological Administration. Transactions]
Trudy VNIGRI (12c)	Leningrad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy [All-Union Petroleum Geological Prospecting Institute. Transactions]
Trudy VNIIKOP (16c)	Moscow. TSentral'nyi nauchno-issledovatel'skii institut konservnoi i ovoshchesushil'noi promyshlennosti. Trudy [State Scientific Research Institute for the Canning and Dehydrated Vegetables Industry. Transactions]
TSement (16d)	TSement [Cement]
TSitologiia (13c)	TSitologiia [Cytology]
Tyl i snab. Sov. Voor. sil (17a)	Tyl i snabzhenie Sovetskikh Vooruzhennykh Sil [The Rear and Supply of Soviet Armed Forces]
Uch. zap. Kar. ped. inst. (1a)	Petrozavodsk. Karel'skii pedagogicheskii institut. Uchenye zapiski [Karelian Pedagogical Institute. Studies]
Uch. zap. Kish. un.: Mezhvuz. sbor. po polit. ekon. (5b)	ǂ Kishinev. Universitet. Uchenye zapiski: Mezhvuzovskii sbornik po politicheskoi ekonomii [University. Studies: Interuniversity Papers on Economics].
Uch. zap. Kuib. gos. ped. inst. (1a)	Kuybyshev. Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Studies]
Uch. zap. Mar. zhen. gos. ped. inst. (1a)	ǂ Mary. Zhenskii gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute for Women. Studies]
Uch. zap. Mord. gos. un. (1a)	Saransk. Mordovskii gosudarstvennyi universitet. Uchenye zapiski [Mordvinian State University. Studies]
Uch. zap. TGU (1a)	Tomsk. Universitet. Uchenye zapiski [University. Studies]
Uchet. i fin. v kolkhoz. i sovkhoz. (6b)	Uchet i finansy v kolkhozakh i sovkhozakh [Accounting and Finance on Collective and State Farms]
Ukr. bot. zhur. (13c)	Ukrains'kyi botanichnyi zhurnal [Ukrainian Botanical Journal]. In Ukrainian.
Ukr. fiz. zhur. (13f)	Ukrains'kyi fizychnyi zhurnal [Ukrainian Physical Journal]. In Ukrainian.
Ukr. ist. zhur. (4a)	Ukrains'kyi istorychnyi zhurnal [Ukrainian Historical Journal]. In Ukrainian.
Ukr. mat. zhur. (13e)	Ukrainskii matematicheskii zhurnal [Ukrainian Mathematical Journal]
Usp. fiz. nauk (13f)	Uspekhi fizicheskikh nauk [Progress in the Physical Sciences]
Usp. khim. (13d)	Uspekhi khimii [Progress in Chemistry]
Usp. mat. nauk. (13e)	Uspekhi matematicheskikh nauk [Progress in the Mathematical Sciences]
Uzb. khim. zhur. (13d)	Uzbekskii khimicheskii zhurnal [Uzbek Chemical Journal]
Ved. Verkh. Sov. RSFSR (6)	Russia (1917- R. S. F. S. R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]
Ved. Verkh. Sov. SSSR (6)	Russia (1923- U. S. S. R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]
Vest. AN SSSR (1a)	Akademiia nauk SSSR. Vestnik [Academy of Sciences of the U. S. S. R. Journal]
Vest. elektroprom. (16e)	Vestnik elektropromyshlennosti [Review of the Electrical Industry]

Vest. ist. mir. kul't. (4a)	Vestnik istorii mirovoi kul'tury [Review of the History of World Culture]
Vest. LGU (1a)	Leningrad. Universitet. Vestnik [University. Review]
Vest. mash. (16g)	Vestnik mashinostroeniia [Machine-Building Review]
Vest. Mosk. un. Ser. 1 Mat., mekh. (13a)	Moscow. Universitet. Vestnik. Seriia 1: Matematika, mekhanika [University. Review. Series 1: Mathematics, Mechanics]
Vest. Mosk. un. Ser. 7: Filol., zhur. (11b)	Moscow. Universitet. Vestnik. Seriia 7: Filologiia, zhurnalistika [University. Review Series 7: Philology, Journalism]
Vest. Mosk. un. Ser. 9: Ist. (4a)	Moscow. Universitet. Vestnik. Seriia 9: Istoriia [University. Review. Series 9 History]
Vest. Mosk. un. Ser 10: Pravo (7)	Moscow. Universitet. Vestnik. Seriia 10 Pravo [University. Review. Series 10 Law]
Vest. protivovozd. obor. (17a)	Vestnik protivovozdushnoi oborony [Air Defense Review]
Vest. sel'khoz. nauki (15a)	Vestnik sel'skokhoziaistvennoi nauki [Review of Agricultural Science]
Vest. sel'khoz. nauki [Kazakh.] (15a)	†Vestnik sel'skokhoziaistvennoi nauki [Review of Agricultural Science].
Vest. stat. (5b)	Vestnik statistiki [Statistical Review]
Vest. TSNII MPS (16g)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut. zheleznodorozhnogo transporta. Vestnik [All-Union Scientific Research Institute of Railroad Transportation. Journal]
Vest. Vozd. Fl. (17a)	Vestnik Vozdushnogo Floia [Review of the Air Force]
Vest. vys. shkoly (8a)	Vestnik vysshoi shkoly [Review of Schools for Higher Education]
Visnyk ABIA URSR (10b)	Akademiia budivnytstva i arkhitektury URSR. Visnyk [Academy of Construction and Architecture of the Ukrainian S.S.R. Journal]. In Ukrainian.
Visnyk Kyiv. un. Ser. fiz. ta khim. (13f)	Kiev. Universytet. Visnyk. Seriia fizyky ta khimii [University. Review. Series in Physics and Chemistry]. In Ukrainian.
Visnyk Nauk. stud. tov. Kyiv. un. (1a)	Kiev. Universytet. Naukove studentske tovarystvo. Visnyk [University. Student Scholarly Society. Review] In Ukrainian.
Visnyk sil'hosp. nauky (15a)	Visnyk sil'skokhospodarskoi nauky [Review of Agricultural Science]. In Ukrainian.
Visti Inst. gidrol. i gidr. AN URSR (16d)	† Akademiia nauk URSR, Kiev. Instytut hidrologii i hidrotekhniky. Visti [Academy of Sciences of the Ukrainian S.S.R. Institute of Hydrology and Hydraulic Engineering. Bulletin]. In Ukrainian
Vneshn. torg. (6a)	Vneshniaia torgovlia [Foreign Trade]
Voen.-ist. zhur. (4a)	Voenno-istoricheskii zhurnal [Military History Journal]
Voen.-med. zhur. (14a)	Voenno-meditsinskii zhurnal [Journal of Military Medicine]
Voen. vest. (17a)	Voennyi vestnik [Military Review]
Vokrug sveta (12b)	Vokrug sveta [Around the World]
Vop. ekon (5b)	Voprosy ekonomiki [Problems of Economics]
Vop. filos. (3a)	Voprosy filosofii [Problems of Philosophy]
Vop. ist. (4a)	Voprosy istorii [Problems of History]
Vop. ist. KPSS (6)	Voprosy istorii KPSS [Problems of the History of the Communist Party of the Soviet Union]
Vop. mekh. (13f)	† Voprosy mekhaniki, sbornik statei [Problems of mechanics, Collected papers]
Vop. mikropaleont (12c)	Voprosy mikropaleontologii [Problems of Micropaleontology]
Vop. okh. mat. i det. (14b)	Voprosy okhrany materinstva i detstva [Problems of Mother and Child Care]
Vop. raket. tekh. (16b)	Voprosy raketnoi tekhniki; sbornik perevodov i obzorov inostrannoi periodicheskoi literatury [Problems of Rocket Engineering; Translations and Surveys of Foreign Periodical Literature]
Vsem prof. dvizh. (5d)	Vsemirnoe profsoiuznoe dvizhenie [World Trade-Union Movement]
Vzaim. i tekh. izm. v mashinostr.; mezhvuz. sbor. (16g)	Vzaimozamenlaemost' i tekhnicheskie izmereniia v mashinostroenii; mezhvuzovskii sbornik [Interchangeability and Technical Measurements in Machinery Manufacture; Interuniversity Papers]
Za rul. (16g)	Za rulem [At the Wheel]
Zap. Nauch.-issl. inst. iaz., lit., ist. i ekon. (1a)	† Saransk. Nauchno-issledovatel'skii institut iazyka, literatury, istorii i ekonomiki. Zapiski [Scientific Research Institute of Language, Literature, History, and Economics. Records]
Zhel.-dor. transp. (16g)	Zheleznodorozhnyi transport [Railroad Transportation]
Zhil. strol. (16d)	Zhilishchnoe stroitel'stvo [Housing Construction]
Zhur eksp. i teor. fiz. (13f)	Zhurnal eksperimental'noi i teoreticheskoi fiziki [Journal of Experimental and Theoretical Physics]
Zhur. fiz. khim. (13d)	Zhurnal fizicheskoi khimii [Journal of Physical Chemistry]
Zhur. neorg. khim. (13d)	Zhurnal neorganicheskoi khimii [Journal of Inorganic Chemistry]
Zhur. ob. khim. (13d)	Zhurnal obshchei khimii [Journal of General Chemistry]
Zhur. prikl. khim. (16c)	Zhurnal prikladnoi khimii [Journal of Applied Chemistry]
Zhur. tekh. fiz. (13a)	Zhurnal tekhnicheskoi fiziki [Journal of Technical Physics]
Zhur. vych. mat. i mat. fiz. (13e)	† Zhurnal vychislitel'noi matematiki i matematicheskoi fiziki [Journal of Computer Mathematics and Mathematical Physics]
Znamia (11b)	Znamia [The Banner]
Znan. sila (13a)	Znanie - sila [Knowledge is Power]
Znan. ta pratsia (13a)	Znannia ta pratsia [Knowledge and Work]. In Ukrainian.
Zool. zhur. (13c)	Zoologicheskii zhurnal [Zoological Journal]

AALTO, ALVAR, 1898-
Finnish architect Alvar Aalto A Bronnikov Arkhit. SSSR no 7 58-63 '61

ABACUS
Nomographic calculability with the aid of the rectilinear abacus of Descartes V I Arnol'd Usp mat nauk 16 no 4 133-135 Jl-Ag '61

ABAEV, VASILII IVANOVICH, 1900-
Ethnography of the Ossetes in the works of V.I.Abaev. Z.D.Gagloeva. Izv.IUgo-Oset.nauch.-issl.inst. no.10 44-52 '60.
V.I.Abaev and problems of Ossetic history. Z.N. Vaneev. Izv.IUgo-Oset.nauch.-issl.inst. no.10 30-43 '60.

ABDOMEN
Effect of transplanting separate pieces of the liver into the abdominal cavity and central nervous system (data on the mechanism of formation of symptoms in the nervous system in hepatic insufficiency) [with summary in English] T. Maros and others Arkh pat 21 no 10 39-45 '59.

ABELIAN FUNCTIONS see Functions, Abelian

ABELIAN GROUPS
Group of Abelian extensions of a periodic Abelian group with the aid of an Abelian group without torsion. V S. Zhuravskii Usp mat nauk 16 no 4 161-166 Jl-Ag '61

ABERRATION
Reducing the effect of the secondary spectrum on the quality of an image. L G. Bobchuk, A IA. Ozherel'ev. [Trudy] MVTU no.102 66-69 '61.

ABKHAZIA—ECONOMIC CONDITIONS
[The Abkhazian A.S.S.R.] Abkhazskaia ASSR. Sukhumi, Abgosizdat, 1961. 148 p.

ABKHAZIA—SOVIETS—CONGRESSES
Tulumdzhian, A.O., comp. [Congress of Abkhazian soviets, collection of documents and materials, 1922-1923] S"ezdy Sovetov Abkhazii, sbornik dokumentov i materialov 1922-1923 gg. Sukhumi, Abknazskoe gos.izd-vo, 1959.

ABKHAZIA—STATISTICS
Abkhazian A.S.S.R. Statisticheskoe upravlenie. [Forty years of the achievements of Soviet Abkhazia in figures] Dostizhenila Sovetskoi Abkhazii za 40 let v tsifrakh. Tbilisi, Gosstatizdat, 1961. 206 p.

ABNORMALITIES (PLANTS)
Abnormalities in the structure of the flower in garden forms of the larkspur Consolida ajacis (L.) Schur [with summary in English] IE.L Kordium Ukr.bot. zhur. 18 no.4 59-62 '61.
Double-flowering oriental poppy (Papaver orientale L.) in the mountains of Istisu V Kh. Tutaiuk Dokl. AN Azerb SSR 17 no 6,511-514 '61
Teratology of flowers in Rubas L. from the Talysh. I. I. Kariagin, G F Akhundov Izv AN Azerb. SSR Ser. biol. i med nauk no 6 3-10 '61

ABORTION—COMPLICATIONS AND SEQUELAE
Postabortal anaerobic sepsis [with summary in English]. A. A. Nikol'skaia. Vop okh. mat i det. 6 no 7:64-69 Jl '61.

ABRASIVES
Admissible temperature jumps in the medium during the firing of abrasives [with summary in English] Sh N. Pliat. Inzh.-fiz. zhur. 4 no. 9:90-93 S '61.
Wear-resistant parts made of abrasive materials V.M Sodolovskii Obog. rud 4 no. 3:43-47 '59.

ABSORPTION
Absorption of tail nitrous gases by manganous oxide hydrate V. Samarchian. Prom. Arm 4 no 6-61-63 Je '61.
Effect of iron oxides on the thermal expansion coefficient of primer enamels. K. P. Azarov, V. E. Gorbatenko Zhur. prikl. khim. 34 no. 8-1883-1885 Ag '61
Methods for calculating rectification and absorption equipment I M Anoshin Izv. vys. ucheb zav., pishch tekh. no 3 100 110 '60

ABSORPTION OF LIGHT
Characteristics of light absorption and luminescence in binary solid solutions of low concentration. A F Lubchenko Opt. i spektr. 10 no 6 732-736 Je '61
Cotton-Mouton effect in the region of the impurity absorption of light A F Lubchenko Opt i spektr 10 no 3, 379-383 Mr '61
Light absorption by electrons of nonmetallic crystals in an electric field [with summary in English] V A Akovlev Zhur eksp i teor fiz 40 no 6-1695-1698 Je '61
Optical reversibility principle and its application in the theory of thin-layer coatings. P. G. Kard Opt. i spektr 11 no 2-237-241 Ag '61
Theory of light reflection from a thin absorbing layer deposited on a metal A. Vasilchek Opt i spektr 11 no 2 242-247 Ag '61

ABSORPTION OF SOUND
Theory of sound absorption in dilute solutions of He^3 in He II [with summary in English] A F Andreev Zhur. eksp i teor fiz. 40 no 6 1705-1709 Je '61

ABSORPTION SPECTRA
Absorption of vapors of organic compounds Part 2 Dibenzyl and stilbene. O. P. Kharitonova Opt i spektr 10 no. 6-745-748 Je '61
Anomalous impurity absorption near the exciton bands of molecular crystals V L Broude, E I Rashba, E F. Sheka Dokl AN SSSR 139 no. 5 1085-1088 Ag '61
Effect of superposing the absorption spectra of the determinable and the interfering component in absorption spectrum analysis. A. O. Sall'. Opt i spektr 10 no 6.806-808 Je '61
New data on absorption spectra of thiazine dyes. N. M. Melankholin. Opt. i spektr. 11 no. 2-286-289 Ag '61
Optical absorption of germanium and silicon beyond the main absorption edge at high temperatures IU I Khanov Fiz tver tela 3 no 7-2105-2110 Jl '61
Overlapping integral of two absorption bands. V. E Zuev. Izv. vys ucheb zav., fiz no. 3,175-176 '61
Relation between an absorption spectrum and the dependence of the Raman spectrum on the incident light frequency L N Ovander Opt i spektr 10 no 3:420-421 Mr '61
Studying the equilibria in nonaqueous solutions of electrolytes using absorption spectra Part 2 Picric acid and sodium picrate in acetic acid, pyridine, acetronitrile and acetone. N. A. Izmailov, E. L. Gurevich Opt i spektr. 10 no. 6-767-772 Je '61
Using X-ray bremsstrahlung spectra for the study of absorption spectra in the ultrasoft region A P. Lukirskii Izv AN SSSR Ser fiz 25 no. 8 910-912 Ag '61

ABSTRACT ALGEBRA see Algebra, Abstract

ABSTRACT ART see Art, Abstract

ABSTRACT METRICS see Distance geometry

ABSTRACTION
Forms of scientific abstractions and the methods of their corroboration [with summary in English, p. 185]. D. P Gorskii. Vop filos 15 no 9-65-78 '61
Gorskii, D. P. [Problems of abstraction and the formation of ideas] Voprosy abstraktsii i obrazovanie ponlatii. Moskva, Izd-vo Akad. nauk SSSR, 1961. 350 p.

ACADEMIC DECORATIONS OF HONOR see Decorations of honor, Academic

ACADEMY OF SCIENCES OF THE TURKMEN S. S. R.—CONGRESSES
Annual meeting of the Academy of Sciences of the Turkmen S. S. R. Izv. AN Turk. SSR. Ser. obshchestv. nauk no. 2:100 '61.

ACADEMY OF SCIENCES OF THE UKRAINIAN S. S. R.
Organization of new sections and laboratories. Dop. AN URSR no. 7 975 '61
Regulations on the publishing activity of the Academy of Sciences of the Ukrainian S. S. R Dop AN URSR no. 7 971-971 '61.

ACADEMY OF SCIENCES OF THE U. S. S. R.
For the most extensive development of research in institutions of higher learning! A V Topchiev Vest vyssh shkoly 19 no 8:57-59 Ag '61
In the Presidium of the Academy of Sciences of the U.S.S.R. Vest. AN SSSR 31 no. 8:101 Ag '61

ACCELERATION—PHYSIOLOGICAL EFFECT
Some changes in higher nervous activity during acceleration V I Babyshkin and others. Voen.-med. zhur. no 6.54-58 Je '61

ACCELEROMETERS
Transducer of linear accelerations A. L. Gorelik Vest. protivovozd. obor no. 7 18-20 Jl '61

ACCELEROMETERS—TESTING
How can an accelerometer be tested? L. M Kepisy Vest. Vozd. Fl. no 6.56-57 Je '61.

ACCLIMATIZATION (PLANTS)
Acclimatization of the Kanzin plum. G. K. Renard. Trudy OmSKhI 43 107-114 '61.

ACCOUNTING
Shchenkov, S. A. [Industrial accounting] Bukhgalterskii uchet v promyshlennosti. Izd. 2, Moskva, Gosfinizdat, 1961. 416 p.

ACETALDEHYDE
Synthesis of ethoxyacetalaldehyde and its chemical transformation M F. Shostakovskii and others. Izv AN SSSR Otd. khim nauk no 8:1495-1500 Ag '61.

ACETALS
Synthesis of acetals based on vinyl ethers of n-butyl- and crotyloxyethanols. B I Mikhant'ev, L. A. Prilukhina Zhur ob. khim. 31 no 9-2766-2768 Ag '61.

ACETIC ACID
Alkylaminoethyl esters of benzilic and diphenylacetic acids S. G. Kuznetsov. Zhur ob khim. 31 no. 8 2623-2629 Ag '61.
Complex anions of nickel with nitrilotriacetic acid S I U. Elovich, L G. Tonkonog Zhur neorg. khim 6 no 8-1791-1794 Ag '61.
Equilibrium liquid - liquid in the system acetic acid - water - butane G D. Efremova, R. O. Prianikova Khim. prom no 8 561-566 Ag '61.
Phase equilibria in the acetic acid - nitrogen system G. D Efremova, L A. Makarevich, F. S. Sokolova Khim prom. no 8 563-564 Ag '61
Reaction between samarium ions and ethylenediaminetetraacetic acid I. V Tananaev, G V. Shevchenko Zhur neorg khim 6 no 8.1909-1913 Ag '61
Study of the electrophilic substitution reaction at a saturated carbon atom by the isotope exchange method. Report No 3. Isotope exchange of esters of α-bromomercurilarylacetic acids with mercury bromide tagged with Hg^{203}, in water - dioxane. O A. Reutov, V. I Sokolov, L. P Beletskaia Izv AN SSSR. Otd khim nauk no 8 1427-1429 Ag '61
Synthesis and transformations of (N-benzoyl-2-pyrrolidinone-5-yl)-acetic acid. Derivatives of β-aminoadipic acid in a β-carboxylic group. B. V. Kleev, IU L Smashkevich, A. E. Gol'dovskii. Zhur ob khim. 31 no 8 2595-2599 Ag '61.
Vapor phase catalytic ketonization of CH_3COOH over oxides of tetravalent metals and BeO V. I. Akerson and others. Izv. AN SSSR. Otd. khim nauk no. 8 1527-1528 Ag '61

ACETOACETIC ACID
Synthesis and transformations of unsaturated organosilicon compounds. Reactions of γ-silicon-containing acetylenic chlorides with sodium acetoacetic and sodium malonic esters. M. F. Shostakovskii, V. P. Kuznetsova, N. V Komarov Zhur. ob. khim. 31 no 8 2504-2507 Ag '61.

ACETOACETIC ACID (Continued)

Synthesis of methylacetoacetic ester by the methylation of acetoacetic ester with dimethyl sulfate E A Mistrukov, Izv. AN SSSR Otd khim nauk no 8 1512-1513 Ag '61

Transesterification. Part 2 Effect of solvents on the transesterification of α-alkylacetoacetic esters. M I Kabachnik and others. Zhur ob khim 31 no 8 2682-2692 Ag '61

ACETYLENE

Detonation of acetylene R I Soloukhin PMTF no 1 18-20 My-Je '60

Lower adsorption capacity of activated coal as a result of the polymerization of acetylene on its surface Al M Kuliev, B. A. Pinsker, T. P. Brovchenko Azerb khim zhur. no. 3:31-35 '60

Synthesis of vinyl chloride by the conjugated dehydrochlorination of 1, 2-dichloroethane and by hydrochlorination of acetylene. M. F Nagiev, T. A Gadzhiev, N G. Guseinov Azerb. khim zhur no 3 11-18 '60.

ACETYLENE—SPECTRA

Investigating the nature of the complexes and derivatives of acetylene by the method of infrared absorption spectra A Gastilovich and others Opt i spektr. 10 no. 5 595-598 My '61.

ACETYLENE GENERATORS—COLD WEATHER OPERATION

Increasing the frost resistance of acetylene generators. V.V. Mavrin. Svar. proizv. no. 9 28-29 S '61

ACIDS

Investigating the distribution of intensity in the wing of the Rayleigh curve and studying the time of relaxation of anisotropic carboxylic acids and their solutions in acetone H. P Roshchyna Visnyk Kyiv un no 2 Ser fiz ta khim no 1 57-60 '59

ACIDS, FATTY

Calcium sodium lubricants based on synthetic fats I. S Levit Proizv smaz mat. no 6/8:23-25 '61.

Device for rapid drying of fats and fatty acids. A IA Naab, G. A. Miroslavskaia. Mist.-zhir prom. 27 no. 6:33 Ag '61

Obtaining high-quality synthetic acids by the continuous oxidation of paraffin hydrocarbons derived from diesel fuels after the separation of paraffin by urea TS N Shcheglova Proizv smaz mat no 6/8:77-87 '61

Operation of oxidation equipment and the production of lubricants based on synthetic fatty acids at the Berdyansk Petroleum Oil Plant. D. V Faerman. Proizv smaz. mat no 6/8-60-63 '61

Positional isomerization of fatty acids with the interaction of fat and alkali G M Pavlov, V. I Poddubnyi Izv vys ucheb zav., plakch tekh no 3,132-134 '60

Problems pertaining to raw materials and technology in producing lubricants based on synthetic fats for mass consumption. I E Dobkin Proizv. smaz. mat. no 6/8: 12-23 '61

Putting a plant for the distillation of fatty acids from cottonseed soap stocks into operation V G Klepikov, G. P. Korneichuk, S. Sh. Zufarov. Masl.-zhir prom 27 no 6,37-42 Ag '61.

Resolution passed on July 11, 1959 by the conference-seminar on present conditions of production, use and quality of lubricants based on synthetic fatty acids. Proizv smaz mat no 6/8-192-197 '61.

ACIDS, ORGANIC

Free radical addition of carboxylic acids to α-olefins. G I Nikishin, IU N Ogibin, A D Petrov Izv. AN SSSR Otd. khim. nauk no 8 1487-1495 Ag '61.

Mechanism of the thermal decomposition of carboxylic acid salts. M. M Shemiakin Izv AN SSSR Otd. khim. nauk no 8 1515-1516 Ag '61

Method based on the use of catalytic polarographic currents in the study of the complexing of molybdenum with various acids K. B IAsimirskii, L I Budarin Zhur neorg khim. 6 no 8,1850-1855 Ag '61.

New method of synthesizing acid chlorides and acid bromides of aromatic acids IU. A. Ol'dekop, A M. Katsnina, S. A. Shkliar. Dokl. AN SSSR 139 no. 6:1383-1385 Ag '61.

Organotin and organolead derivatives of some nitrogen-containing acids. D. A. Kochkin, S. G. Verenikina, I. B Chekmareva. Dokl. AN SSSR 139 no 6 1375-1378 Ag '61.

Structure of δ-keto acids. IU. A. Pentin and others Dokl AN SSSR 139 no 5 1121-1123 Ag '61

Using partition chromatography for the separation of low molecular weight acids obtained in the oxidation of soft paraffins. P. G. Gushanskaia and others. Khim i tekh topl. i masel 6 no. 8:31-36 Ag '61.

ACORNS

Growth and fruiting of trees as affected by meteorological conditions. A. A. Molchanov. Trudy Lab lesoved 3:5-50 '61.

ACOUSTIC PHENOMENA IN NATURE

Acoustics of trees. V. I. Arabadzhi, S. D. Zhinchuk. Priroda 50 no. 9:91-92 S '61.

ACOUSTICAL MATERIALS

Soundproof porous ceramic. V. T. Veenkov, N. I Lobanov, L. A. Smirnova Stek i keram. 18 no 8:26-30 Ag '61

ACRIDINE—SPECTRA

Phototransfer of protons in acridine derivatives at low temperatures, as observed in luminescence spectra A V Shablia, A N. Terenin Opt i spektr 10 no 5 617-620 My '61.

ACROBATICS

Zapashnyi, V. M. [Vaulting acrobatics; collection of exercises for groups of amateur performers] Vol'tizhnaia akrobatika, sbornik uprazhnenii dlia kollektivov khudozhestvennoi samodeiatel'nosti. Moskva, Gos. izd-vo "Iskusstvo," 1961 129 p.

ACROLEIN

Complexes of polyacrolein with salts of heavy metals. M M Koton and others Dokl AN SSSR 139 no 6 1372-1374 Ag '61

Structure of a trimer of acrolein diethylacetal S S. Ilkin, V. F. Kucherov Izv AN SSSR Otd khim nauk no 8:1522-1524 Ag '61

Study of catalytic oxidation of propylene. Report No 6: Interrelation of voluminal and surface factors in the oxidation of propylene into acrolein N. I Popova, R. N. Stukova, V. F. Latyshev. Izv Sib otd AN SSSR no. 8:78-82 '61.

ACRYLAMIDE

Polyacrylamide. M. I. Savitskaia. Priroda 50 no. 9 93-94 S '61

ACTINARIA see Sea-anemones

ACTING

"The actor and the playwright" by S TSimbal Reviewed by N. Smolitskaia Teatr 22 no 9 141-143 S '61

Is an actor able to speak? Vera Baliuna. Teatr 22 no 9 61-63 S '61.

On our successors F Gaenko Teatr 22 no 9 120-123 S '61

Rights and responsibilities of the actor A Anastas'ev Teatr 22 no 9 43-52 S '61

And your opinion? (review of readers' letters). Teatr 22 no 9 61-69 S '61

Why the theater has ineffective actors. Vol'demar Panso Teatr 22 no 9 53-60 S '61.

ACTING—AUDITIONS

Competitions in action G. Shcherbina. Teatr 22 no 9 157-158 S '61.

ACTING—STUDY AND TEACHING

(see also subdivision under Moscow)

They have joined the ranks of actors. Teatr 22 no 9 162 S '61

ACTINOMETER

Results of investigating the sensitivity of balance meters and pyrgeometers N N Andreeva Trudy AANII 229 147-166 '61.

ACTIVATED CARBON see Carbon, Activated

ACTIVATION ANALYSIS

Activation energy of recrystallization and the evaluation of recrystallization properties of metals and alloys S. S. Gorelik. Fiz. met. i metalloved. 12 no 1:55-63 Jl '61.

ACTIVITY COEFFICIENTS

Activity of water in three-component solutions of alkali metal chlorides [with summary in English] M S. Stakhanova, V. A. Vasilev Zhur. fiz. khim. 35 no 8 1839-1845 Ag '61

ACUTE CATARRHAL JAUNDICE see Hepatitis, Infectious

ADDING MACHINES see Calculating machines

ADDITIVES

Additivity of the limiting molal volume [with summary in English]. N. D. Litvinov. Zhur. fiz. khim. 35 no 8: 1745-1749 Ag '61.

ADEN—DESCRIPTION

Town in a crater. Boris Tartakovs'kyi Znan. ta pratsia no 9 15-17 S '61

ADENINE

Effect of gamma irradiation on the synthesis of desoxyribonucleic acid in isolated cell nuclei of the thymus gland. Report No. 1: Incorporation of formate-C^{14} and adenine-C^{14} into nitrogenous bases of desoxyribonucleic acid of isolated nuclei. E. V. Budilova. Radiobiologiia 1 no. 3:333-335 '61.

ADHESION

"Autohesion and adhesion" by S. S. Voiutskii. Reviewed by V. V. Deriagin, V. P. Smilga Zhur. fiz. khim. 35 no. 8:1894-1895 Ag '61.

ADHESIVES

Adhesive material made of industrial wastes. V K. Khavin. Poligr. proizv. no 6 20 Ag '61.

Rubber-bituminous cement Stroitel' no. 8:24-25, 4 of cover Ag '61.

ADIPIC ACID

Kinetics of the lactone ring formation of diastereomeric tetrahydroxyadipic acids L. A. Mal. Zhur. ob khim 31 no 8 2640-2641 Ag '61.

Synthesis and transformations of (N-benzoyl-4-pyrrolidinone-5-yl)-acetic acid Derivatives of β-aminoadipic acid in a β-carboxylic group. B V Klcev, IU. I Smushkevich, A I. Gol'dovskii Zhur ob khim 31 no 8 2595-2599 Ag '61

ADMINISTRATION OF CRIMINAL JUSTICE see Criminal justice, Administration of

ADMINISTRATIVE ECONOMIC COUNCILS

(see also subdivision under Armenia, Donetsk Province, Mari A. S. S. R.)

V. I. Lenin on the role and tasks of councils of the national economy. A. A. Smelov Trudy Azerb. ges zaoch. ped inst. 6:34-54 '59

ADRENAL CORTEX—DISEASES

Case of acute adrenal cortex insufficiency. V. A. Kovanev, A. P Kuz'michev. Probl. endok. i gorm 7 no 4 110-112 '61

So-called adenomas and adenomatous hyperplasias of the adrenal cortex in hypertension [with summary in English] M P Andreeva Arkh. pat 21 no. 9 51-60 '59

ADRENAL GLANDS

Enzyme-secretory function of the intestine after removal of the adrenals and the administration of steroid hormones in dogs [with summary in English] Chzhou Lui [Chou Lu] Biul eksp biol i med 51 no 5 53-58 My '61

Hypophysial and adrenal gland disorders in brucellosis A. S. Grinshpun. Probl. endok. i gorm 7 no 1 108-110 '61.

Observations on the endocrine function of adrenal glands in human embryogenesis. S D Levina Dokl AN SSSR 139 no. 5 1266-1268 Ag '61

Role of the adrenal glands in the development of an acute leukocyte reaction A N. Chigirinskoi. Probl endok i gorm 7 no 1 46-52 '61

Topography of adrenal glands [in Georgian with summary in Russian]. M. IA Tatishvili. Trudy Inst. eksp. morf. AN Gruz. SSR 8 151-169 '60.

ADRENALINE

Chemotactic sensitivity of leucocytes to adrenaline A I Shabalin. Trudy Kiev otd Vses fiziol ob-va 1 no. 1 38-41 '60

Effect of adrenaline on the physical electrotonus of smooth muscles. M I Shuba Fiziol zhur 47 no 8: 1066-1073 Ag '61.

Indices of mediators of the blood in bronchial asthma in children and their change under the influence of cortisone therapy N V. Dogel', L. L Mikheeva Pediatriia no 6 43-47 '61

Liberation of a physiologically active substance by the ventricle of the frog heart response to the action of adrenaline. T. G Putintseva. Fiziol zhur 47 no 8 1056-1061 Ag '61

ADRENERGIC BLOCKING AGENTS

Adrenolytic hypothesis of the mechanism of analgesia. I. N Guseva. Fiziol. zhur. 47 no. 8:958-964 Ag '61

ADRENOCORTICAL HORMONES

Enzyme-secretory function of the intestine after removal of the adrenals and the administration of steroid hormones in dogs [with summary in English] Chzhou Lui [Chou Lu] Biul eksp biol i med 51 no 5-53-58 My '61

ADSORBENTS

Gas chromatography method used in the quality control of synthesized adsorbent specimens of the molecular sieve type. N. I. Lulova and others. Khim i tekh. topl. i masel 6 no 8 59-63 Ag '61

ADSORPTION

Adsorption energy of CO_2, SO_2, $(CH_3)_2CO$ and $(C_2H_5)_2O$ on graphite N. N. Avgul', A V Kiselev, L A Lygina. Izv AN SSSR Otd. khim nauk no 8 1395-1403 Ag '61

Adsorption energy of water, alcohols, ammonia and methylamine on graphite N. N Avgul', A. V. Kiselev, L. A Lygina Izv AN SSSR Otd khim. nauk no 8 1404-1411 Ag '61

Adsorption phenomena under conditions of ammonia synthesis [with summary in English] A. I. Krasil'shchikov, L. G. Antonova. Zhur. fiz. khim. 35 no. 8: 1710-1715 Ag '61.

Chemical adsorption of oxygen on a freshly cracked graphite surface. IU. A. Zarifiants, V. F. Kiselev, G. G. Fedorov. Zhur. fiz. khim. 35 no 8:1805-1806 Ag '61.

Chemical and physical adsorption of oxygen on a freshly split graphite surface G. G. Fedorov, IU A. Zarifiants, V F. Kiselev. Dokl AN SSSR 139 no 5 1166-1169 Ag '61.

Coagulation of lyophobic sols under the effect of electrolyte mixtures. Part 3: Effect of counter-ion adsorption [with summary in English]. V. M. Barbol, IU. M. Glazman, I. M. Dykman. Koll. zhur. 23 no. 4:370-380 Jl-Ag '61.

ADSORPTION (Continued)

Determination of the specific surface of clays and kaolins by means of radioactive tungsten [with summary in English] D M Shakhtin, E V Leontovich Koll zhur 23 no 4:495-498 Jl-Ag '61

Determining the degree of adsorption of an organic component in the liquid phase [with summary in English] A. V. Shashkina, L I Kulakova. Zhur fiz khim 35 no 8,1846-1852 Ag '61

Effect of dissolved dyes on the formation of specific adsorption properties of a silica gel surface Z Z. Vysotskii, L F Divnich, M V Polnkov. Dokl. AN SSSR 139 no 6 1400-1102 Ag '61

Effect of the nature of silica gel and quartz surfaces on their adsorption properties Part 4. Adsorption and heat of adsorption of aliphatic alcohols on powered silica gel [with summary in English] L. G. Ganichenko and others Zhur fiz. khim, 35 no 8 1718-1726 Ag '61

Separation of quaternary arsonium compounds into optical antipodes by asymmetric adsorption on natural dissymmetric adsorbents G Kh Kamai and others Dokl AN SSSR 139 no 5 1112-1113 Ag '61

Statistical thermodynamic calculation of adsorption equilibrium for benzene on graphite A V Kiselev, D P Poškus Dokl AN SSSR 139 no 5 1145-1148 Ag '61

Synthesis of artificial zeolites and study of their adsorption properties [with summary in English] T E. Neimark and others Koll. zhur. 23 no 4:454-461 Jl-Ag '61

Thermodynamic explanation of internal adsorption in solids. V. I Arkharov Fiz met i metalloved 12 no.1:151-153 Jl '61

ADULT EDUCATION
(see also subdivision under Borovichi)

N. K Krupskaia's letters relating to the problem of cultural revolution Submitted by V S Dridzo, Z L Shvelidze. Ist arkh. 7 no 4 3-18 Jl-Ag '61

ADVERTISING see subdivision under Sweden

ADYGE AUTONOMOUS PROVINCE—CANNING INDUSTRY

Our contribution to the 33d Congress of the CPSU. F. I. Kravchenko Konservy i ov prom. 16 no.9 4-5 S '61.

ADYGE LITERATURE—HISTORY AND CRITICISM

Khapsirokov, K. K. [National character of the literature of the Adyge peoples] O natsional'nom svoeobrazii literatur adygskikh narodov. Cherkessk, Karachaevo-Cherkesskoe knizhnoe izd-vo, 1960. 62 p. (MH)

ADYGINE VALLEY—PRECIPITATION (METEOROLOGY)

Regions of the Kirghiz Range marked by increased moisture A A Grigor'ev Meteor i gidrol no 9 33-34 S '61

ADZHARISTAN—LOCUSTS

Characteristics of geographical distribution and ecology of grasshoppers in Adzharia M. V Stollarov Soob. AN Gruz. SSR 26 no 4 441-446 Ap '61

AERIAL BOMBING see Bombing, Aerial

AERIAL PHOTOGRAMMETRY

Determining the elements of ice drift in the sea from the airplane. V V. Betin, K P. Shirokov. Trudy GOIN no. 63 64-77 '61.

Investigating the deformation of photographic paper dried by different methods. M. V. Filippov. Trudy OmSKhI 42 no. 2:55-61 '60.

AERIAL SPORTS

Let us be prepared for the Congress of our Party as Communists should Kryl. rod. 12 no. 8-1 Ag '61.

Toward the 22d Congress of the CPSU. Kryl. rod. 12

Coefficient of resistance for a sphere at supersonic speeds in gases with differing specific heat ratios G I Mishin Zhur. tekh fiz. 31 no 4 495-498 Ap '61.

Effect of supersonic gas flow on the lower ultimate stress for a cylindrical panel. IU IU. Shvelko Izv AN SSSR. Otd. tekh nauk Mekh i mashinostr no 4 14-19 Jl-Ag '61

Stability of orthotropic plates in a supersonic gas flow S A Ambartsumian, Zh. I. Bagdasarian Izv AN SSSR Otd. tekh. nauk Mekh. i mashinostr no. 4 91-96 Jl-Ag '61

Supersonic flow of an ideal fluid around conical bodies at a given angle of attack. Zhur. vych. mat i mat fiz 1 no 1:144-150 Ja-F '61

AERONAUTICAL INSTRUMENTS—TESTING

They did it themselves. A. I. Gubskii. Vest. Vozd. Fl no. 6:78 Je '61

AERONAUTICS

Aeronautical engineering abroad Grazhd. av. 18 no 7 31 Jl '61.

Aeronautics. Vest. Vozd. Fl. no. 8:95 Ag '61

Facts, events, people Kryl rod 12 no 8:14-15 Ag '61

IAkovlev, A. S. [Tales of an airplane designer] Rasskazy aviakonstruktora. Moskva, Gos. izd-vo detskoi lit-ry M-va prosv. RSFSR, 1961. 412 p.

New developments in aeronautics. I Gil'berg. Znan. sila 36 no 8:12-15 Ag '61

Readers' letters Grazhd av 18 no 7 21 Jl '61.

AERONAUTICS—ACCIDENTS

We should fully eliminate the conditions which can lead to aircraft accidents. S Chernousov. Komm Vooruzh Sil. 1 no. 6:26-30 Mr '61.

AERONAUTICS—BIBLIOGRAPHY see Bibliography—Aeronautics

AERONAUTICS—HISTORY

"Over invisible barriers" by M L. Gallai Reviewed by P Kondrat'ev Grazhd av 18 no. 7 32 Jl '61.

AERONAUTICS—PSYCHOLOGY

"Aviation psychology" by K. K Platonov. Reviewed by IU A Petrov Voen.-med zhur. no. 6,88-91 Je '61

AERONAUTICS—STUDY AND TEACHING
(see also subdivision under Irkutsk)

Work and objectives of the Party Committee of the Air Force Academy. I. Semenov Komm. Vooruzh. Sil 1 no. 6,62-66 D '60.

AERONAUTICS, COMMERCIAL
(see also subdivision under Kamchatka; Moscow)

Answers with comments Grazhd av. 18 no 7:11-12 Jl '61.

Flight in Soviet airplanes is a real pleasure. V. Shipov. Grazhd. av. 18 no. 8,12-13 Ag '61.

On the airways of the world V Danilychev. Grazhd. av. 18 no 7 15 Jl '61

Our outside correspondence report. Grazhd av. 18 no. 7 24-25 Jl '61

Service awards. V. Veshin Grazhd. av. 18 no. 7 10-11 Jl '61.

Summer navigation during the third year of the seven-year plan E F. Loginov. Grazhd. av 18 no. 7 2-4 Jl '61.

Vital activity of Communists. V. Zuev. Grazhd. av. 18 no. 8 6-7 Ag '61.

AERONAUTICS, COMMERCIAL—PASSENGER TRAFFIC

Integrated services for air passengers in Moscow. L. A. TSekhanovich, V. M. Tikhonov. Gor khoz. Mosk. 35 no. 8:22-25 Ag '61.

AERONAUTICS, MILITARY

he rules of military aeronautics.
. Vooruzh. Sil 1 no. 5:39-43 D '60.

RY—ACCIDENTS

s! But what was done? A. N.
'1. no. 7:56-58 Jl '61.

Y—OBSERVATIONS

ng plane on duty. N. A. Vishnia-
no. 7,53-55 Jl '61.

Y—STUDY AND TEACHING

the Army Air Forces thanks the
rs of a university. Vest. Vozd.

. G. Mishurnyi, V. D Dmi-
o. 8:35-40 Ag '61.

Elfimov. Vest. Vozd. Fl. no. 6:

n the students of military engi-
ndnik. Komm. Vooruzh. Sil 1

s of the academy. A. A. Izmai-
, 8:76-77 Ag '61.

AERONAUTICS IN AGRICULTURE
(see also subdivision under Crimea, Khabarovsk Territory; Virgin Territory)

Account for all resources A Sladkov. Grazhd av 18 no 7 13 Jl '61

Three million rubles should be saved every year. M Matveev. Grazhd av 18 no 8 10 Ag '61

AERONAUTICS IN GEOLOGY

Aerogeologic methods of studying tectonic structures. S.S.Shul'ts. Metod. izuch. tekt. struk. no.2:236-257 '61.

AERONAUTICS IN WILDLIFE CENSUS see subdivision under Kola Peninsula

AEROSOLS

Aerosol theory of atmospheric electricity V I. Kraav Trudy GGO no 120 73-77 '61.

Concerning priority in the development of the theory of diffusiophoresis and thermophoresis of small aerosol particles. B. V. Deriagin, S P Bakanov. Koll zhur. 23 no. 4:505-507 Jl-Ag '61

Development of a method for aerosol immunization against typhoid fever and dysentery N. I Aleksandrov and others. Voen.-med. zhur no 5 54-59 My '61

Dispersity and electric properties of aerosols originated by the radiolysis of gaseous hydrocarbons. V S Bogdanov Izv AN SSSR Otd. khim nauk no 8 1520-1522 Ag '61.

New method for determining the efficiency of the deposition of aerosols from a flow on a stationary cylinder [with summary in English]. L. V Radushkevich. Zhur fiz. khim. 35 no. 8:1870-1873 Ag '61

Simple method for measuring the particles of the aerosols of fluids V. I. Somin, V A Pis'mennyi Voen.-med zhur. no 5 69-71 My '61

AESTHETICS

Be wary of bad taste! I. Abramskii. Moskva 5 no.8: 184-190 '61.

A book on the typical and its critical evaluation. O A. Zhagar. Vop. filos. no. 6,203-204 '57.

"Lectures on Marxist-Leninist aesthetics" by A Zis' Reviewed by G. Kursanov, M. Rogachevskii Teatr 22 no 9 140-141 S '61

Mozhuingun, S. E. [Abstractionism is the destruction of aesthetics] Abstraktsionizm-razrushenie estetiki. Moskva, Izd-vo sotsial'no-ekon lit-ry, 1961. 221 p.

Talks about art. IA. Varshavskii. Sov. shakhi. 10 no. 8:39-41 Ag '61.

Theoretician to the artist V. Razumnyi. Iskusstvo kino no 8 129-134 Ag '61.

AESTHETICS—STUDY AND TEACHING
(see also subdivision under China; Greece, Vnukovo)

Aesthetic development of students in their contact with nature. I. F. Goncharov. Sov pedag 25 no 8 82-86 Ag '61.

Aesthetic training in rural schools I. I Dolgopolov Sov pedag. 25 no 8 77-81 Ag '61.

"Aesthetic training of students" by B P. Rozhdestvenskii, G. A. Petrova, T. V Shutkinova Reviewed by P. Lazareva. Nar obr. no 9 118-119 S '61.

Beginning of a useful work. M. I. Khodova. Sred. spets. obr. 8 no. 8:48-49 Ag '61.

Educational community of Kiev discusses the tasks of aesthetic education. O. I. Gavrylenko. Rad. shk. 40 no. 6,94-96 Je '61.

Let's satisfy more fully the aesthetic demands of the builders of communism Vest. vys. shkoly 19 no 8: 91-96 Ag '61

AFFORESTATION
(see also subdivision under Kherson Province; Kuybyshev Province; Mingechaur Reservoir region, Siberia)

Cherstvin, V. A. [Storing seeds of valuable and fast-growing trees and preparing them for sowing] Khranenie i podgotovka k posevu semian tsennykh i bystrorastushchikh drevesnykh porod. Moskva, Goslesbumizdat, 1961. 26 p. (DA)

[New methods for the afforestation of rolling sands] Novye sposoby oblesenila bugristykh peskov. [By] N. K. Zagaikovich i dr. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 216 p. (DA)

AFGHANISTAN—CULTURE

Pikulin, M. G. [Developing the national economy and culture of Afghanistan, 1955-1960] Razvitie natsional'noi ekonomiki kul'tury Afganistana 1955-1960. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, 1961. 149 p.

AFGHANISTAN—ECONOMIC CONDITIONS

Akhramovich, R. T. [Afghanistan after the Second World War; historical study] Afganistan posle vtoroi mirovoi voiny; ocherk istorii. Moskva, Izd-vo vostochnoi lit-ry, 1961, 176 p.

Pikulin, M. G. [Developing the national economy and culture of Afghanistan, 1955-1960] Razvitie natsional'noi ekonomiki kul'tury Afganistana 1955-1960. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, 1961. 149 p.

AFGHANISTAN—HISTORY—SOURCES

"The jewel of chronicles," a little-known source for the history of Afghanistan and northwestern India G. A. Veloshina Krat. soob. Inst nar. Azii no 42 3-18 '61

AFGHANISTAN—PHYTOGEOGRAPHY

Notes on phytogeographical regions of Tajikistan and northeastern Afghanistan O. E. Agakhaniants Izv Otd sel'khoz i biol nauk AN Tadzh. SSR no 1 29-33 '60

AFGHANISTAN—POLITICS AND GOVERNMENT

Akhramovich, R. T. [Afghanistan after the Second World War; historical study] Afganistan posle vtoroi mirovoi voiny, ocherk istorii. Moskva, Izd-vo vostochnoi lit-ry, 1961. 175 p.

AFRICA—CULTURE

Problems concerning African spiritual culture south of the Sahara and the theory of Marcel Griaule [with summary in French] B. Shatevskaia Vest ist mir. kul't no. 4, 3-25 Jl-Ag '61.

AFRICA—DESCRIPTION AND TRAVEL

Africa is beautiful! Muriel Shaginian. Ogonek 39 no 26:21 Je '61.

AFRICA—ECONOMIC CONDITIONS

"Africa, 1960; concise handbook." Reviewed by A. Kurakin. Geog. v shkole 24 no. 5:89-90 S-O '61

Prospects for Africa's economic development. V. S. Semenov Nar. Azii i Afr no. 2:3-13 '61

AFRICA—FOREIGN ECONOMIC RELATIONS—UNITED STATES

United States monopolies in Africa [with English summary in appendix] I. Goncharov Vnesh torg 41 no 8 21-28 '61

AFRICA—HISTORY

Historical evening "Africa struggles" B. A. Rusakov Prep ist v shkole 16 no 5 87-90 S-O '61

"Old Africa rediscovered" [in English] by Basil Davidson. Reviewed by O. A. Gorovoi Nar. Azii i Afr no 2:206-207 '61.

AFRICA—NATIVE RACES

Northern boundary of the land of the Zenaga tribe V. V. Matveev Krat. soob. Inst nar. Azii no 17 61-63 '61.

AFRICA—POLITICS

"Africa, 1960; concise handbook." Reviewed by A. Kurakin. Geog. v shkole 24 no 5:89-90 S-O '61

Collapse of the colonial system in Africa IU. IAsnev Komm Vooruzh. Sil 1 no 2 35-39 Ja '61

"Lenin and the East; collected articles"; "Lenin the great friend of the peoples of the East" by A. N. Khalfets. Reviewed by B. Mikhailov. Nar. Azii i Afr no 2:154-150 '61

Prospects for Africa's economic development V. S. Semenov Nar. Azii i Afr no. 2:3-13 '61.

Shabad, B. A. [Ideological foundations of present-day colonialism] Ideologicheskie osnovy sovremennogo kolonializma. Moskva, Izd-vo vostochnoi lit-ry, 1961. 102 p.

AFRICA—PORTUGUESE COLONIES

Portuguese colonialism in Africa [with summary in English, pp 243-244] A. M. Khazanov Nar. Azii i Afr. no 2:71-83 '61.

Seiful'-Muliukov, F. M. [Portugues colonies in Africa] Portugal'skie kolonii v Afrike. Moskva, Izd-vo "Znanie," 1961. 47 p. Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 7, Mezhdunarodnaia, no. 15)

AFRICA—TRADE UNIONS—CONGRESSES

Address of Marcel Bras, the World Federation of Trade Unions Secretary at the First All-African Trade-Union Congress. Vsem. prof. dvizh. no. 8, 17-18 Ag '61

African unity and international solidarity. Vsem. prof. dvizh. no. 8:15-16 Ag '61.

AFRICA, NORTH—COMMERCE—SUDAN

Early Arabic data on western Sudan and its commercial contacts with North Africa. L. E. Kubbel'. Krat. soob. Inst. nar. Azii no 47 43-48 '61.

AFRICA, NORTH—FOREIGN ECONOMIC RELATIONS—GHANA

Economic contacts of Ghana with Maghreb in the middle of the 11th century as described in the writings of Arabic authors. E. A. Tarverdova. Krat. soob. Inst. nar. Azii no 48:72-83 '61.

AFRICA, NORTH—POLITICS

"North Africa on the path to independence" by Enzo Rava. Reviewed by L. Robertov. Nar. Azii i Afr no 2:200 '61.

AFRICA, SOUTHWEST—NATIVE RACES

Situation of the people of Southwest Africa L. D. IAblochkov Krat. soob. Inst nar. Azii no. 46, 3-29 '61.

AFRICA, UNION OF SOUTH see South Africa, Union of

AFRICAN STUDIES

African Institute. Nar. Azii i Afr. no. 2, 223-224 '61.

Problems in the history of the countries of tropical Africa at the 25th International Congress of Orientalists I. O. Chertok Nar. Azii i Afr no. 2:225-230 '61.

AGE

Age aspect of microscopic vascular anatomy of the human lungs [in Georgian with summary in Russian] T. A. Gibradze Trudy Inst. eksp. morf. AN Gruz. SSR 8 181-195 '60

AGED

The characteristics of active rest in aged subjects [with summary in English] S. A. Tanin Biul. eksp. biol. i med. 51 no 5 3-7 My '61.

AGGREGATES

Boundedness of compact sets in K-spaces. V. F. Volkodavov Uch. zap. Kuib. gos. ped. inst no 29:67-71 '59

Elaboration of certain calculation procedures toward approximate solutions of Chebyshev problems with parameters entering nonlinearly Part 3 [with summary in English] E. IA. Remez, V. T. Gavriliuk Ukr. mat. zhur. 13 no 2:150-172 '61.

Integral representation of one class of excessive random variables [with summary in English] Lian Chzhi-shuen [Liang Chih-shêng]. Vest. Mosk. un. Ser. 1: Mat., mekh. 16 no 4:35-38 Jl-Ag '61

Non-self-intersecting curves on a surface. N. N. Konstantinov Mat. sbor. 54 no. 3 253-294 Jl '61.

Note on the theory of measure V. D. Erokhin. Usp. mat. nauk 16 no. 3:175-180 My-Je '61

One class of point discontinuous functions. S. N. Meigelian, A. A. Talalian Dokl. AN Arm. SSR 32 no. 4:183-187 '61.

Some estimations concerning algebraic hypersurfaces and derivatives of rational functions. E. P. Dolzhenko. Dokl. AN SSSR 139 no. 6, 1287-1290 Ag '61.

Structure of measurable functions. Part 2. Hoang Tui. Mat. sbor. 54 no 2 177-208 Je '61.

Structure of the ideals of the object of a category. I. G. Shul'geifer. Mat. sbor. 54 no. 2, 209-224 Je '61

Sufficient conditions for asymptotic stability of an infinite point in the system $\dot{x} = y - F(x)$, $\dot{y} = -g(x)$ M. I. Voilokov Usp. mat. nauk 16 no. 3 163-170 My-Je '61

Theorems of duality for approximations with the aid of convex sets A. L. Garkavi Usp. mat. nauk 16 no 4 141-145 Jl-Ag '61.

Two-dimensional surfaces of spaces of affine connectivity V. D. Izmailov. Mat. sbor. 54 no 3, 311-330 Jl '61.

AGGREGATES (BUILDING MATERIALS)

(see also subdivision under Astrakhan)

Development of keramzit production. Stroi. i arkhit. Mosk. 9 [i.e. 10] no. 8:36 Ag '61.

Obtaining slag "pumice" in an experimental tilting basin at the Novyy Lipetsk metallurgical plant I. N. Reznikov, S. M. Terekhov Stroi. mat. 7 no. 8:27-29 Ag '61.

AGGREGATES (BUILDING MATERIALS)—STANDARDS

State Standard for classifying porous inorganic aggregates for lightweight concretes Biul. stroi. tekh 18 no. 8:9-10 Ag '61.

State Standard for keramzit gravel' Biul. stroi. tekh. 18 no. 7:17-18 Jl '61.

AGGREGATES (BUILDING MATERIALS)—STORAGE

Precast storage silos for aggregates. A. Chernit. Na stroi. Ros. no. 7 19 Jl '61

AGGREGATES (BUILDING MATERIALS)—TESTING

Electric method of determining water saturability and density of a mixture of agloporite fragments A. T. Lobanov. Sbor. nauch. trud. Bel. politekh. inst. no. 80: 49-53 '60

Method of testing raw materials for the production of agloporite. Stroi. mat. 7 no. 8, 33-35 Ag '61.

State Standard for testing porous inorganic aggregates for lightweight concretes. Biul. stroi. tekh. 18 no. 7: 14-17 Jl '61.

Study of the strength of agloporite under compression. IA. I. Drozd, A. T. Lobanov. Sbor. nauch. trud. Bel. politekh. inst. no 80:8-15 '60.

AGING

Antigenic characteristics of lipoid-polysaccharide complexes from tissues of old animals [with summary in English] V. A. Karev. Biul. eksp. biol. i med. 51 no. 4, 86-91 Ap '61.

AGRICULTURAL ADMINISTRATION

(see also subdivision under Dubovka District, Mordvas District)

Some problems concerning the right of the executive committees of province soviets to supervise the work of collective farms. B. D. Kliukin. Vest. Mosk. un. Ser. 10: Pravo 16 no. 3:13-23 Jl-S '61.

AGRICULTURAL CHEMICALS

Subject the construction of enterprises manufacturing mineral fertilizers to a strict control. A. Poperechnyi, E. Korobkova. Fin. SSSR 22 no. 8 35-39 Ag '61.

AGRICULTURAL CHEMISTRY

Economic efficiency of the comprehensive use of chemistry in agriculture. N. Baranov. Vop. ekon. no. 8: 102-110 S '61.

Scientists compete with nature. IU. Polkovnikov. Vokrug sveta no 8, 17-19 Ag '61.

AGRICULTURAL CHEMISTRY—RESEARCH see subdivision under Soviet Far East

AGRICULTURAL CONTRACTS see Contracts, Agricultural

AGRICULTURAL CREDIT see subdivision under Latvia

AGRICULTURAL EDUCATION

(see also subdivision under Ukraine)

For a great upsurge in socialist agriculture. Vest. vys. shkoly 19 no 8 83-87 Ag '61

AGRICULTURAL GEOGRAPHY

"Agricultural geography of the U. S. S. R." by G. A. Zapalov. Reviewed by S. Shesterikov. Geog. v shkole 24 no. 5:87-88 S-O '61.

AGRICULTURAL GEOGRAPHY—STUDY AND TEACHING

Use of the materials of the January (1961) Plenum of the Central Committee of the CPSU in teaching the course on economic geography M. Gus'kova Geog. v shkole 24 no. 5:37-45 S-O '61.

AGRICULTURAL IMPLEMENTS see subdivision under China

AGRICULTURAL LABORERS

Good that you have counsel. . . V. Lamm Sem'ia i shkola 16 no. 6 30 Je '61.

AGRICULTURAL LAWS AND LEGISLATION

Russia (1923- U. S. S. R.) Laws, statutes, etc. [Collection of legislative enactments of land tenure] Sbornik zakonodatel'nykh aktov o zemle. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 255 p.

AGRICULTURAL MACHINERY

Agriculture should have new improved machinery. V. R. Gorbunov, K. P. Marakhtanov, L. N. Musinov Fiz. v shkole 21 no. 2:10-26 Mr-Ap '61.

Coordinated use of combines and means of transportation [with summaries in English, German, and French]. F. S. Zavalishin. Vest. sel'khoz. nauki 6 no. 8:82-89 Ag '61.

Discussing the principles of efficient use of agricultural machinery during physics lessons in rural schools V. G. Serdinskii. Fiz. v shkole 21 no 3 70-74 My-Je '61.

Domaratskii, P. I. [Ridging unit] Agregat dlia narezki i obrabotki griad. [Leningrad] Lenizdat, 1961. 14 p. (Dostizhenia sel'skokhoziaistvennoi nauki - v proizvodstvo)
(DA)

Eliminate departmental dissociation. L. Zil'bermints NTO 3 no 9 46 S '61.

Gladkov, N. G. [Grain cleaning machinery; structural features, calculation, design, and operation] Zernoochistitel'nye mashiny; konstruktsii, raschet, proektirovanie i ekspluatatsiia. Izd. 2., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 367 p.
(DA)

Increasing the speed of tractor-driven machinery and the tasks of science. Vest. sel'khoz. nauki 6 no. 8:16-19 Ag '61.

Machinery for sugar-beet growers. N. Ignatenko. NTO 3 no. 9:36 S '61.

Reducing the weight of agricultural machinery and equipment [with summary in English]. I. S. Siniagovskii, G. S. Trofimov. Izv. TSKhA no. 2 198-200 '61.

Such machines exist! L. Davydov. Nauka i zhizn' 28 no 8:8-10 Ag '61.

Utilization of machinery on collective farms under new conditions. N. I. Tolkachev, M. A. Lapin. Trudy SIMSKH no. 23:105-112 '60.

Vainer, M. G., and V. P. Alfer'ev. [Planning in connection with machinery and equipment for agriculture] Planirovanie material'no-tekhnicheskikh sredstv v sel'skom khoziaistve. Moskva, Gos. izd-vo planovo-ekon. lit-ry, 1961. 175 p.
(DA)

Voitov, P. I. [Mechanized cultivation of vegetables] Mekhanizatsiia vozdelyvaniia ovoshchnykh kul'tur. Izd. 2., perer. i dop. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 231 p.
(DA)

Without idle running. A. Smirnitagina. Nauka i zhizn' 28 no. 8:20-21 Ag '61

AGRICULTURAL MACHINERY—TESTING

Machines take an examination. A. Shevchenko. Znan. ta pratsia no. 8:16-17 Ag '61.

AGRICULTURAL MACHINERY INDUSTRY

(see also subdivision under Kherson)

Determining the number of workers engaged in intra-plant freight conveyance. L. Karpov. Biul. nauch. inform., trud i zar. plata 4 no. 7:18-24 '61.

AGRICULTURAL PESTS

Nikiforov, A. M. [Control of pests and diseases in farm crops] Bor'ba s vreditelyami i boleznyami sel'skokhozyaistvennykh kul'tur. Izd 3. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 130 p. (Uchebniki i uchebnye posobiia dlia podgotovki sel'skokhoziaistvennykh kadrov massovoi kvalifikatsii)
(DA)

AGRICULTURAL PESTS—CONGRESSES

Second scientific and practical conference on the control of soil pests. N. M. Utrobina. Zool. zhur. 40 no. 9 1434-1436 S '61.

AGRICULTURAL POLICY
(see also subdivision under Alma-Ata Province, Arabika region)

Foreword. Editorial board. Trudy KHSKHI. 25 3-4 '60.

Forms of economic relations between city and village under socialism. T. M. Fedorova. Uch. zap. Kish. un. Mezhvuz. sbor. po polit. ekon. no. 1 58-68 '60.

Inspiring prospects. N. Anisimov. Komm. Vooruzh. Sil. 1 no. 1 9-11 F '61.

Program of the CPSU and the problem of alliance of workers and peasants. B. Kovalevskii. Komm. Ukr. 37 no. 9 27-35 S '61.

AGRICULTURAL RESEARCH
(see also subdivision under Kazakhstan, Leningrad, Saratov Province, Ukraine)

December Conference of the Timiriazev Agricultural Academy. I. S. Shatilov. Izv. TSKhA. no. 2 231-236 '61.

General Assembly of the Lenin All-Union Academy of Agricultural Sciences. Vest. sel'khoz. nauki. 6 no. 6. 14-15 Ag '61.

"Method of marked atoms in agrophysiology" by P. A. Vlasiuk, E. S. Kosmatyi. Reviewed by IE. M. Skobets'. Nauka i zhyttia. 11 no. 7 31 Jl '61.

Physics and the mystery of a green leaf. E. Rybalka. Znan. ta pratsia. no. 10 15-16 O '61.

Scientists compete with nature. Iu. Polkovnikov. Vokrug sveta. no. 8;17-19 Ag '61.

AGRICULTURAL WAGES
(see also subdivision under Ukraine)

Improving forms of labor organization and wages on collective and state farms. Ekon. sel'khoz. 32 no. 8 107-115 Ag '61.

Scope of students' work and their wages. I. I. Korsun. Rad. shk. 40 no. 6 27 Je '61.

Wage system for the workers of enterprises engaged in processing the certified seeds of vegetable, vine and forage root crops. Biul. Gos. kom. po vop. truda i zar. platy. no. 6, 3-5 '61.

AGRICULTURE
(see also subdivision under Bulgaria, Buryat-Mongolia, Carpathian Mountain region, Georgia, Golodnaya Steppe, India, Iran, Karaganda Province, Kazakhstan, Novosibirsk Province, Orenburg Province, Shiraki Steppe, Turgay Plateau; Ukraine, Virgin Territory)

Agricultural development among the Dungans and the Uigurs of the Semirech'ye from the 1870's to the 1890's. L. M. Auzova. Izv. AN Kazakh. SSR. Ser. ist., arkheol. i etn. no. 1, 56-69 '61.

[Agronomist's notebook] Zapisnaia knizhka agronoma. [Moskva] Mosk. rabochii, 1961. 399 p.
(DA)

Arkhimovich, A. Z. [Plant culture in the U. S. S. R.] Rastenievodstvo SSSR. Miunkhen, 1960. 232 p. Institut zur Erforschung der UdSSR. Issledovaniia i materialy, no. 57)

Belichenko, P. P. [New aspects of competition in the village] Novoe v sorevnovanii na sele. Moskva, Gos. izd-vo sel'skhoz. lit-ry, zhurnalov i plakatov, 1961. 158 p.
(DA)

Benediktov, I. [Development of agriculture in the post-war period] Razvitie sel'skogo khoziaistva v poslevoennyi period. [Moskva] Gos. izd-vo polit. lit-ry, 1947. 79 p.

First steps in the reorganization of local agricultural administration. A. Polnikov. Vest. sel'khoz. nauki. 6 no. 8;131-138 Ag '61.

Great program for the establishments of communism. Vest. sel'khoz. nauki. 6 no. 8 3-13 Ag '61.

Grigorovskii, V. E. [Program for the new expansion of agriculture] Programma novogo pod"ema sel'skogo khoziaistva. [Leningrad] Lenizdat, 1961. 73 p.

Improving the production organization with the aid of linear programming methods. I. Popov. Ekon. sel'khoz. 32 no. 8;26-34 Ag '61.

Nature, conditions and forms of the intensification of the socialist agriculture. Z. A. Sidorenko. Trudy KHSKHI. 25;5-26 '60.

Toward an abundance of agricultural products. Komm. Vooruzh. Sil. 1 no. 3-4 8 F '61.

AGRICULTURE—ABSTRACTS

[Agriculture; classed index of articles in foreign periodicals.] Sel'. khoz., sist. ukaz. st. v inostr. zhur. no. 7 '61.

AGRICULTURE—ACCOUNTING

Analyzing the results of the sale of products. P. I. Savichev. Uchet i fin. v kolkhoz i sovkhoz. 18 no. 8;11-18 Ag '61.

Brief news. D. V. Lebed'. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 9 63-64 S '61.

Eliminate irregularities in the acquisition of supplies by means of accounting documentation. F. V. Golubev and others. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 9 37-40 S '61.

Forms for annual reports of state farms and other agricultural enterprises for 1961. N. K. Nikol'skii. Uchet. i fin. v kolkhoz. i sovkhoz. 18 no. 9;57-61 S '61.

Strength the economic work on collective and state farms. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 9, 2-4 S '61.

AGRICULTURE—ACCOUNTING—BIBLIOGRAPHY see Bibliography—Agriculture—Accounting

AGRICULTURE—AUDIO-VISUAL AIDS

[Economics of socialist agricultural enterprises, visual aids] Ekonomika sotsialisticheskikh sel'skokhoziaistvennykh predpriiatii, nagliadnye posobiia. [Moskva] Gos. izd-vo polit. lit-ry, 1961. 1 v. plates

AGRICULTURE—AUDITING AND INSPECTION see subdivision under Votkinsk District

AGRICULTURE—BIBLIOGRAPHY see Bibliography—Agriculture

AGRICULTURE—CLASSIFICATION

Standard classification of capital assets of agricultural enterprises. Uchet i fin. v kolkhoz i sovkho... 18 no. 8;48-56 Ag '61.

AGRICULTURE—ECONOMIC ASPECTS
(see also subdivision under Kazakhstan)

Alliance of workers and peasants in capitalist countries. B. Kuznetsov. Polit. samoobr. 5 no. 9;98-103 S '61.

Economics and organization of agriculture in the U. S. S. R. by A. A. Kastorin. Book review. Nar. obr. no. 9 119 S '61.

Let's give more attention to the basic economic problems of agriculture. A. M. Unkovskii. Shkola i proizv. 5 no. 6 39-41 Je '61.

Scientific and methodological seminar of instructors in the economics and organization of agricultural enterprises. I. Kuvshinov. Ekon. sel'khoz. 32 no. 8;116 Ag '61.

Special features of the development of productive forces in agriculture. A. Lapin. Polit. samoobr. 5 no. 9;50-58 S '61.

AGRICULTURE—ECONOMIC ASPECTS—BIBLIOGRAPHY see Bibliography—Agriculture—Economic aspects

AGRICULTURE—EXPERIMENTATION
(see also subdivision under Khmel'nitskiy Province; Stavropol Territory; Ukraine, Zaporozh'ye Province)

Experimental work of students on a school farm. I. F. Razdymalin. Shkola i proizv. 5 no. 6;58-63 Je '61.

AGRICULTURE—FINANCE

State deliveries and consolidation of collective and state farm finances. S. Nedelin. Fin. SSSR. 22 no. 8 17-25 Ag '61.

AGRICULTURE—LABOR PRODUCTIVITY
(see also subdivision under Kharkov Province, Turkmenistan)

Bloknot agitatora (Leningrad). [Special issue "Let's prepare for the 22d Congress of the CPSU] Spetsial'nyi vypusk; Navstrechu XXII s"ezdu KPSS. [Leningrad, Lenizdat, 1961]. 176 p.

Make fuller use of the possibilities of the collective farm system. V. Zaitsev, V. Skvortsov. Part. zhizn'. no. 18; 31-38 S '61.

Popov, N. I. [Mathematical method for analyzing labor productivity in agriculture according to factors involved] O matematicheskom metode analiza proizvoditel'nosti truda v sel'skom khoziaistve (po faktoram). Moskva, Gos. izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 102 p.

AGRICULTURE—MAPS

Kuropatenko, F. K. [Soil mapping of zones covered by machine-tractor stations and administrative regions] Zemleustroitel'noe kartografirovanie zon deiatel'nosti MTS i administrativnykh raionov. Pod red. V. I. Sukhova. Gorki, M-vo sel'. khoz. SSSR, 1957. 161 p.

AGRICULTURE—PERIODICALS see subdivision under Kazakhstan

AGRICULTURE—PRODUCTION STANDARDS

Establishing work norms on collective and state farms. A. Larionov. Ekon. sel'khoz. 32 no. 8;95-104 Ag '61.

AGRICULTURE—STATISTICS
(see also subdivision under Votkinsk District)

Agricultural statistics report forms. G. Sutkovenko. Vest. stat. no. 8 76-77 '61.

AGRICULTURE—STUDY AND TEACHING
(see also subdivision under Cherkassy Province, Lvov Province; Odessa Province, Stavropol Territory, Ukraine, White Russia)

Agricultural institutions of higher learning have a great future. M. A. Ol'shanskii. Vest. vys. shkoly. 19 no. 5 31-33 Ag '61.

Boarding schools and agriculture. V. M. Dmytrenko. Rad. shk. 40 no. 7 11-21 Jl '61.

Every year we move forward to new frontiers. F. Z. Zyrianov. Nar. obr. no. 9 52-56 S '61.

Our connections with collective farms are strengthening. B. K. Zhechela. Rad. shk. 40 no. 6 21-24 Je '61.

Personal example of a teacher. B. T. Malyshev. Stad. spets. obr. 8 no. 8, 7-9 Ag '61.

Reserve of the brigades of communist labor. S. F. Prokopyvnyi. Rad. shk. 40 no. 6 17-18 Je '61.

Statute on student brigades of collective and state farms. Nar. obr. no. 9 insert 11-16 S '61.

Student brigade is a school for the future builders of communism. I. I. Rozhkov. Rad. shk. 40 no. 6 28-29 Je '61.

A "university of agriculture." H. Benderska. Sots. kul't. no. 8 19 Ag '61.

Work is a reliable teacher. I. I. Savvatcev. Rad. shk. 40 no. 6 69-71 Je '61.

AGRICULTURE, COOPERATIVE
(see also subdivision under Czechoslovakia)

How foreign tollers tried to help Soviet agriculture, from 1921 to 1925. Submitted by M. I. Rybinskii, G. IA. Iarie. Ist. arkh. 7 no. 4;51-73 Jl-Ag '61.

AIR—POLLUTION

Pure air is the guarantee of health. D. M. Kaliuzhnyi. Nauka i zhyttia. 10 no. 3 39-42 Mr '60.

AIR, IONIZED

Motion of an ionized gas in the upper atmosphere; a survey. V. P. Dokuchaev. Izv. vys. uchteb. zav., radiofiz. 4 no. 1 5-30 '61.

AIR, MOISTURE OF see Humidity

AIR COMPRESSORS

Mobile compressor units for general use. V. K. Moskalenko. Biul. tekh.-ekon. inform. no. 7 91-96 '61.

AIR CURTAINS

Air curtains of gates. M. I. Chernykh. Trudy Ural. politekh. inst. no. 85, 136-147 '60.

AIR-ENTRAINED CONCRETE

Air-entrained concrete with a cement-lime binder for large elements. S. A. Mironov, M. IA. Krivitskii. Bet. i zhel.-bet. no. 8;361-364 Ag '61.

AIR FLOW

Effect of the shape factor on external heat transfer in the case of forced convection [with summary in English] V. K. Shchitnikov. Inzh.-fiz. zhur. 4 no. 8, 117-120 Ag '61.

AIR PILOTS

Executive capacity. V. P. Lysenko. Vest. Vozd. Fl. no. 8, 45-49 Ag '61.

From the 21st to the 22d Congress of the CPSU. Vest. Vozd. Fl. no. 8;12-22 Ag '61.

"Here is 'fish'." V. Razin. Smena. 36 no. 16-18-19 My '61.

Proper diet for a pilot. O. IAmchenko. Grazhd. av. 18 no. 8-20 Ag '61.

Soviet flyer. Iu. A. Gagarin. Vest. Vozd. Fl. no. 7 1-4 Jl '61.

Test pilots. Vest. Vozd. Fl. no. 6-20-23 Je '61.

Wonderful destinies. Z. Sorokin. Kryl. rod. 12 no. 8 20 Ag '61.

AIR PILOTS—DISEASES AND HYGIENE

They fly tomorrow. L. G. Dergacheva. Vest. Vozd. Fl. no. 6-07-08 Je '61.

AIR PREHEATERS

Pulsation of the flame of air-heating burners. M. L. Lavrent'ev, A. A. Berdnik. Metallurg. 6 no. 6-6-7 Ag '61.

AIR PUMP

Designing pneumatic pumps. I. L. Logov. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 4;162-164 Jl-Ag '61.

AIR RESISTANCE

Coefficient by resistance for a sphere at supersonic speeds in gases with differing specific heat ratios. G. I. Mishin. Zhur. tekh. fiz. 31 no. 4 495-498 Ap '61.

AIR TRAFFIC CONTROL

At a control center. A. A. Seliverstov. Vest. Vozd. Fl. no. 8;54 Ag '61.

Experienced officer controls flights. Vest. protivovozd. obor. no. 7;43 Jl '61.

AIRFOILS

Analyzing aerodynamic characteristics of slender cambered bodies and nonplane airfoils N P. Korobeinikov Izv. vys. ucheb. zav , av tekh 4 no 3,3-13 '61

Coefficients of rotary derivative downwashes generated in a flow by a wing in case of an unsteady motion N N Kisliagin Izv AN SSSR Otd tekh nauk Mekh i mashinostr no. 4 20-25 Jl-Ag '61.

Experimental investigation of the effect of certain variants of the blowing of a plane gas jet on airfoils with a flap. A. I Matiazh. Izv vys. ucheb zav , av tekh 4 no. 3;21-30 '61

AIRPIPES

Determining the coefficients of local resistances of valves by the reaction method G V Rossin Trudy Ural. politekh. inst no 85:143-155 '60

AIRPLANES

Iakovlev, A. S. [Tales of an airplane designer] Rasskazy aviakonstruktora. Moskva, Gos. izd-vo detskoi lit-ry M-va prosv. RSFSR, 1961. 412 p.

Largest and smallest Vest Vozd. Fl no 5 95 My '61

AIRPLANES—CONTROLS

Automatic instruments on an airplane M. Rebrov Kryl rod 12 no 8 21-22 Ag '61

Use of automatic control for improving the stability and controllability of an airplane A A D'iachenko Vest protivovozd obor no. 9 44-47 S '61

AIRPLANES—DESIGN AND CONSTRUCTION

Designing the freight floor of an airplane. O N. Korol'kov Izv. vys. ucheb. zav. , av. tekh. 4 no 3,78-88 '61

AIRPLANES—ENGINES—TESTING

Yesterday's officers work at the stand IU. Bulanov Grazhd av 18 no 8 5 Ag '61

AIRPLANES—FLIGHT TESTING

Above all Vest. Vozd Fl. no 6 12 Je '61

Reconnaissance plane of new speeds B. V Nikitin. Vest Vozd Fl no. 6 17-20 Je '61

AIRPLANES—FUSELAGE

Torsion calculation of the fuselage at the wing center section. S. N. Kan, A. V. Sliant'ev Izv vys ucheb zav , av. tekh. 4 no 3;56-68 '61

AIRPLANES—HANDLING CHARACTERISTICS

"Is there a limit to the altitude and flying speed of an airplane" by N I Nikolaev Reviewed by I N Rogachevskii Vest protivovozd obor no 9 77-78 S '61.

Limit of flying ranges B Stepanov. Grazhd av 18 no 7 30 Jl '61.

AIRPLANES—HYDRAULIC EQUIPMENT

Static and dynamic characteristics of a hydraulic drive in a system of "nozzle-flap and hydraulic cylinder." N A Borisova. Trudy MAI no.134:78-88 '61

AIRPLANES—LANDING

On a landing run N. V. Zotov. Vest. Vozd. Fl. no. 6:32 Je '61.

AIRPLANES—LONGITUDINAL STABILITY see Stability of airplanes, Longitudinal

AIRPLANES—MAINTENANCE AND REPAIR

(see also subdivision under Alma-Ata; Bykovo; Vnukovo)

Communists set an example. I. Musiaev. Grazhd. av 18 no. 8:4 Ag '61.

Feeling of high responsibility. N. Gaikusha. Grazhd av. 18 no. 8.4 Ag '61

Improve the accounting for labor productivity A Matvienko, V. Kulik. Grazhd av 18 no 7 14 Jl '61

The organizing force. N. Koleantchenko. Grazhd av 18 no. 8 3 Ag '61

Productive capacity has been doubled. A. Itskovich. Grazhd. av. 18 no. 8:2 Ag '61.

Test of technical preparedness. N. Grigor'ev. Grazhd. av. 18 no. 8:2 Ag '61.

AIRPLANES—MODELS

Create, invent, test Kryl rod. 12 no. 8:28 Ag '61

Piloting an airplane model IU. Strotkin Kryl rod. 12 no. 8 27 Ag '61.

AIRPLANES—MODELS—RUBBER MOTORS

What does my nomogram tell? E. Smirnov. Kryl. rod. 12 no 8:29-31 Ag '61.

AIRPLANES—MODELS—TESTING

Winners and record breakers M. Semenov. Kryl. rod 12 no. 8 26 Ag '61.

AIRPLANES—PILOTING

Maintaining formal rules. D. Marchenko. Grazhd. av. 18 no. 8:8-9 Ag '61.

AIRPLANES—PRESSURIZATION

Explosive decompression during cabin depressurization N. P. Beliaev. Voen -med. zhur. no 5:72-75 My '61.

Testing the components of high altitude equipment. P. I Nikitin. Vest. Vozd. Fl. no 6:81-82 Je '61.

AIRPLANES—TURBOJET ENGINES

Effect of parameters of the two-stage system on the specific thrust and specific fuel consumption of two-stage turbojet engines. A. L Klimchkin, I A Konshin Izv vys. ucheb zav., av. tekh. 4 no 3 100-112 '61

AIRPLANES—WINGS

Effect of thermal stresses on the stability of a sandwich wing panel V F Karnozhitskii Izv. vys. ucheb zav , av. tekh. 4 no. 3,68-77 '61

AIRPLANES, MILITARY

(see also subdivision under Great Britain, United States)

Before a flight in a military training plane. I. F. Druzhkov. Vest Vozd. Fl. no 5 30 My '61

Stopping violations of discipline Vest. Vozd. Fl no. 5 15 My '61

We are introducing advanced experience. I G Sazonov Vest Vozd Fl. no 5 30-31 My '61

AIRPLANES, MILITARY—ACCIDENTS

Prerequisites engendered by carelessness I F. Rubtsov Vest. Vozd Fl no 6:59-60 Ag '61

AIRPLANES, MILITARY—DISPATCHING

Control of flights from the command and dispatch center N. I Shturm Vest Vozd Fl no 7 46-48 Jl '61

AIRPLANES, MILITARY—ELECTRIC EQUIPMENT

They made it themselves I. M. Gol'shtein Vest. Vozd Fl no 8 43 Ag '61

AIRPLANES, MILITARY—HANDLING CHARACTERISTICS

Influence of a vibration damper for pitching on the longitudinal stability and controllability of planes A A Shcherbakov and others. Vest. Vozd. Fl no 7 59-63 Jl '61.

AIRPLANES, MILITARY—LANDING

Flyer makes a computation for a landing. N. K. Levichev Vest Vozd Fl no 7 50-52 Jl '61.

Why did the flyer pass into the second ring? N. T. Teniteskii Vest Vozd Fl no. 8:60-61 Ag '61

AIRPLANES, MILITARY—MAINTENANCE AND REPAIR

Air park day But what does the flight personnel do? A R. Slivka, M. V. Gorelaevets Vest. Vozd. Fl. no 6 52-51 Je '61

The airplane is ready to fly! I P. Bobrov. Vest protivovozd obor no 9 41-43 S '61

Beginning of great changes I V. Kuznetsov Vest protivovozd. obor. no 7 35-36 Jl '61.

By a broad highway. M F Rebrov. Vest Vozd Fl. no 7:64-66 Jl '61.

Calculation of operations in a maintenance unit. V. S. Budatin Vest. Vozd. Fl. no. 6 79-80 Je '61

Carefully analyze each premise. IU. V. Sukhorukov. Vest. protivovozd. obor. no. 6 27-28 Je '61.

Creative thought is in full swing. S A. Khpralov. Vest protivovozd. obor. no. 7,44-45 Jl '61

Documentation must be simple and clear IU. K. IAchnik. Vest. Vozd. Fl no 6 30 Je '61.

Engineer and military training K M Shpilev, M. I Golyshev. Vest. Vozd Fl. no 7 5-19 Jl '61.

Flight day M S Kirichenko Vest protivovozd obor. no 9 37-40 S '61.

Gratitude. Vest Vozd. Fl. no. 8,42 Ag '61

He gave his word and kept it. N. G. Konikov, V. T. Sivtsov. Vest Vozd. Fl no 8,24-32 Ag '61.

Isn't there some other way? B. A. Shiliafert, O. L. Mezenin. Vest. Vozd. Fl. no. 6,76-77 Je '61.

Let us furnish flights according to schedule A. Blok. Tyl i snab. Sov. Voor. Sil 21 no 5:64-67 My '61

People in service units of the Air Force M. Golyshev, M Rebrov. Tyl i snab Sov. Voor. Sil 21 no 7 69-74 Jl '61

The rear and flights. A. A. Anpilov. Vest. Vozd. Fl no 8:62-63 Ag '61.

Technical councils on operations P. S. Shevel'ko. Vest. Vozd. Fl. no 7-71-72 Jl '61.

Technical lieutenant V. I. Krukonis. M. S. Novikov Vest Vozd Fl. no. 8:32-33 Ag '61.

Thanks to the mechanic. M. S. Novikova. Vest. Vozd. Fl. no. 5:43 My '61.

These skills are needed by everyone. O. A Eshchenko. Vest. Vozd. Fl no. 7 68-69 Jl '61

Yes, our work is creative. V. N. Koblikov Vest. Vozd. Fl. no. 5:52-54 My '61.

When they forget about control. A P. Bakh. Vest. Vozd Fl. no. 7:58 Jl '61.

Why did Osipov take a long time to eliminate the defect? A. V. Kulashnikov. Vest Vozd Fl. no. 7:75-76 Jl '61

AIRPLANES, MILITARY—OXYGEN EQUIPMENT

When they forget their duties. V. A. Bershov. Vest. Vozd. Fl. no. 7-26-29 Jl '61.

AIRPLANES, MILITARY—REFUELING

They refuel planes Vest. protivovozd. obor. no. 7-39 Jl '61.

AIRPLANES, MILITARY—STARTING DEVICES

This is necessary in group flights A I. Kolomiets. Vest Vozd Fl no. 5 54-56 My '61.

AIRPORTS see subdivision under Andizhan; Kiev, Moscow, Pavlodar, Rostov-on-Don

AIRPORTS—LIGHTING

Lights of the airdrome burn. Vest. protivovozd obor no 7 38 Jl '61.

AIRPORTS—MANAGEMENT see subdivision under Petropavlovsk-Kamchatskiy

AIRPORTS—TECHNOLOGICAL INNOVATIONS see subdivision under Vnukovo

AIRPORTS—TRAFFIC CONTROL

Ground and air. M Zaika Grazhd av. 18 no 8 8 Ag '61

AIRPORTS—VISIBILITY

Landing visibility under conditions of precipitation and minimum weather for an airfield A D Andreev Vest. Vozd Fl no 8:88 Ag '61

AITMATOV, CHINGIZ, 1928-

Golden vein. Z. Kedrina. Moskva 5 no. 8:212-215 '61.

AK-GAZA—LOESS

Porosity of loess soils of the Ak-Gaza Plateau. L. G. Bakaev. Nauch. zap. MIIVKH 23 30-48 '60.

AKBASTAU VALLEY—JOINTS (GEOLOGY)

Role of jointing in the relief formation of the Akbastau River basin in central Kazakhstan G. Z Popova Trudy Otd geog. AN Kazakh SSR no 8 210-213 '61

AKHAL—ECONOMIC CONDITIONS

Akhal on the eve of the annexation to Russia. D. Davletov. Izv. AN Turk SSR, Ser. obshchestv nauk no 2 3-11 '61

AKHIEZER, NAUM IL'ICH, 1901-

Naum Il'ich Akhiezer, on his 60th birthday. M G. Krein and B. IA Levin Usp mat. nauk 16 no 1 224-234 Jl-Ag '61

AKHTALA REGION (ALVERDI DISTRICT)—JASPER

Conditions of the formation of jasper-type rocks of the Akhtala ore area N. M Chernyshov Izv AN Arm SSR Geol i geog nauki 14 no 3 55-59 '61

AKIEV, KALYK, 1883-

Baikhodzhoev, S. [Kalyk, folk singer. Kalyk, narodnyi pevets. Frunze] 1960. 80 p. [In Kirghiz.] (MH)

AKMOLINSK DISTRICT—NATURAL HISTORY

Nature calendar of the Akmolinsk City and its vicinity S V Kol'tsov Trudy Otd. geog AN Kazakh SSR no 8 124-135 '61.

AKMOLINSK PROVINCE see Tselinograd Province

AKSAKOV, SERGEI TIMOFEEVICH, 1791-1859

Mashinskii, S. I. [S. T. Aksakov; his life and works] S. T. Aksakov; zhizn' i tvorchestvo. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 542 p.

AKSAY—RETAIL TRADE

Possibilities exist for those who want to use them V. Afanas'ev Koop. Kazakh 4 no. 5/6:35 My-Je '61

AKSENOV, MIRLEN LAZAREVICH

Aksenov, Mirlen Lazarevich. Fiz. v shkole 21 no. 3 4 My-Je '61.

AKSTAFA RIVER—FLOODS

Development of the technique for long-range forecasting and the formation of maximum river discharges in the northeastern part of the Lesser Caucasus. V. F Poklepa Trudy Tbil. NIGMI no. 7 107-112 '60.

AKTOGAY—RAILROADS—STATIONS

Aktogay is on the line. Ogonek 30 no. 30:17 S '61.

AKTYUBINSK—CHEMICAL INDUSTRIES

Raise the requirements for intraplant planning. M. Neimer. Nar. khoz. Kazakh. 19 no. 8:49-53 Ag '61.

AKTYUBINSK—COOPERATIVE SOCIETIES

Let's reach the planned goal I. Tuleshov. Koop Kazakh. 4 no. 5/6:10-11 My-Je '61.

AKTYUBINSK—SCHOOL LUNCHROOMS, CAFETERIAS, ETC.

Self-service counters in schools. E. Lupeiko. Obshchestv. pit. no. 7:42 Jl '61.

AKTYUBINSK PROVINCE—MILLET

Practices used in the cultivation of millet in the arid steppe region of Aktyubinsk Province. K. I. Tulebaev. Vest. sel'khoz. nauki [Kazakh.] 4 no. 3:28-30 Mr '61.

AKTYUBINSK PROVINCE—SOYBEAN

Soybean in the semidesert region of Aktyubinsk Province. A. A. Lebedev. Vest. sel'khoz. nauki [Kazakh.] 4 no 5: 55-59 My '61.

AL-AFGHANI, JAMAL AL-DIN, 1838-1897

Muhammad Jamal al-Din al-Afghani as politician O V Bogushevich Krat soob Inst nar Azii no 47 11-20 '61

AL-JABARTI, 1754-1822

The chronicle of al-Jabarti as a historical source I M Fil'shtinskii Krat soob Inst nar Azii no 47 94-100 '61

Jabarti and the fourth volume of his chronicles Kh I Kil'berg Nar Azii i Afr no 2:107-116 '61

ALA-TAU, DZUNGARIAN see Dzungarian Ala-Tau

ALA-TAU, ZAILIYSKIY see Trans-Ili Ala-Tau

ALABASTER

Houses made from slag-alabaster blocks. N.E.Kozak. Put' i put.khoz. 5 no.7 33 Jl '61.

ALAKUL'SKIY DISTRICT—COOKERY

She is generous in sharing her experience Koop Kazakh 4 no 5/6 12 My-Je '61.

ALASKA—DESCRIPTION AND TRAVEL

From Dawson into the ocean Jack London. Vokrug sveta no.8:59-62 Ag '61.

ALAVERDI DISTRICT—ROCKS, IGNEOUS

Calculation of the age of intrusions of the Alaverdi ore area N R. Azarian Izv. AN Arm SSR Geol. i geog nauki 14 no 3 51-54 '61

ALBANIA—TRADE UNIONS—CONGRESSES

Fifth Congress of the Trade Unions of Albania. Misha Kristach. Vsem prof dvizh. no.8.35-36 Ag '61

ALBANIANS see subdivision under Caucasus

ALBEDO

Albedo of clouds, water, and the snow and ice surface A P Koptev. Trudy AANII 229 167-174 '61

ALCOHOLATES

Thermal decomposition of alcoholates of tertiary alcohols containing trifluoromethyl groups. I L.Knuniants, IU A Cheburkov, IU V Makarov Izv AN SSSR Otd khim nauk no 8 1471-1475 Ag '61

ALCOHOLISM

(see also subdivision under Novo-Orsk District)

Galant, I. B. [Drunkenness and mental illness] P'ianstvo i psikhicheskie bolezni. Moskva, Medgiz, 1960. 31 p. (Nauchno-populiarnaia meditsinskaia literatura) (DNLM)

Influence of alcoholism on posterity. A. Litmanovich. Sem'ia i shkola 16 no.8:46 Ag '61.

Rikhter, G. E. [Mental disorders in chronic alcoholic intoxication; clinical aspects, classification, and treatment] Psikhicheskie narusheniia pri khronicheskoi alkogol'noi intoksikatsii; klinika, klassifikatsiia i lechenie. Kiev, Gos. med. izd-vo USSR, 1961. 90 p. (Biblioteka prakticheskogo vracha) (DNLM)

ALCOHOLS

Determination of primary and secondary higher alcohols of the aliphatic series in their mixtures A. N. Bashkirov and others Metod anal org soed nefti, ikh smes i proizv no 1 170-177 '60.

Effect of monomolecular films on evaporation from the surface of water. V. S. Makarova, V. I. Kuznetsov. Trudy GGI no. 91:5-13 '61.

[illegible] the nature of silica gel and quartz surfaces on sorption properties. Part 4. Adsorption and desorption of aliphatic alcohols on powered silica summary in English] L. G. Ganichenko and [illegible] fiz. khim 35 no. 8:1716-1726 Ag '61.

[illegible] logical system with a suspended catalyst [illegible] tion of alcohol by oxo synthesis method. [illegible] others. Khim i tekh topl. i masel 6

Tertiary triatomic alcohols of the acetylene and ethylene series and their transformations Part 24. Peracetic acid oxidation of 1, 2, 5-triols of the ethylene series 2, 3, 6-trimethyl-4-octen-2, 3, 6-triol, 3, 4, 7-trimethyl-5-nonen-3, 4, 7-triol, and 5-methyl-2-(1-oxycyclopentyl)-3-hexen-2, 5-diol V I Nikitin, M M Tuliaganov. Zhur ob khim 31 no 8 2538-2541 Ag '61

Thermal decomposition of alcoholates of tertiary alcohols containing trifluoromethyl groups I L Knuniants, IU A Cheburkov, IU V Makarov. Izv AN SSSR, Otd. khim nauk no 8 1471-1475 Ag '61

ALDAN PLATEAU—PHLOGOPITE

Litsarev, M. A. [Genesis of Aldan phlogopite deposits] Genezis flogopitovykh mestorozhdenii Aldana. Moskva, Izd-vo Akad. nauk SSSR, 1961. 166 p. (Akademiia nauk SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. Trudy, no. 67)

ALDEHYDES

Determination of aldehyde and carboxyl groups in cellulose preparations. Kh U. Usmanov, R V Perlina Uzb khim zhur no 4:22-31 '61

Reactions of phosphines. Part 1. Reactions of aliphatic phosphines with aldehydes and ketones K. A Petrov, V A Parshina. Zhur. ob khim. 31 no. 8 2729-2731 Ag '61

Sources for the formation of aldehydes in the madeirization process and their identification by paper chromatography. N. Kazumov. Prom. Arm. 4 no.8:47-51 Ag '61.

ALDER

Black alder strengthens banks. Ladislaw Wlk. Priroda 50 no.9 100-102 S '61

ALDOLASE

Effect of ionizing radiation on myogen A G. V. Chitoreldze Soob. AN Gruz SSR 26 no. 5 539-546 My '61.

ALFALFA

Effect of alfalfa and cotton on the amount and composition of humus in Sierozem meadow soils of the Shirvan Steppe S. A. Aliev Dokl AN Azerb SSR 17 no 6:515-518 '61.

Effect of alfalfa on changes in the composition of organic matter and the nutrient content of soils. N N Edigarova Izv AN Azerb. SSR Ser biol. i med nauk no. 5:115-118 '61.

Ensiling alfalfa is an economic method for preserving its nutritive value. V A. Vernigor, P. A. Syaev. Vest. sel'khoz. nauki [Kazakh.] 4 no. 2 42-46 F '61.

Interrelation of the components of grassland mixtures. I. O. Baitulin. Vest. sel'khoz. nauki [Kazakh.] 4 no 5: 27-44 My '61.

Quality of seeds obtained from alfalfa crops at various years after planting. V. P. Gorshening. Trudy OmSKhI 43 83-92 '61.

ALFALFA—FERTILIZERS AND MANURES

Applying trace element fertilizers to alfalfa seed plants. Ch. S. Rakisheva. Vest. sel'khoz. nauki [Kazakh.] 4 no. 5:45-48 My '61.

ALGAE

(see also subdivision under Crimea; Danube Delta, Kiliyskoye Girlo region, Ukraine)

Effect of injury on primary and secondary fluorescence in algae V. V. Mel'nikova. Izv. Otd. sel'khoz. i biol nauk AN Tadzh. SSR no 1:15-28 '60.

Materials on algae of the Istisu mineral springs near Kel'badzhar, Azerbaijan S S. R. D G Aliev Izv. AN Azerb SSR Ser. biol. i med nauk no. 5:23-29 '61.

Study of oxidases containing metals in Chlorella [with summary in English]. P. O. Kolesnikov, L. O. Einor. Ukr. bot. zhur. 18 no. 4:46-51 '61.

ALGEBRA

(see also subdivision under Bulgaria)

Constructive algebras. Part 1. A. I. Mal'tsev. Usp. mat. nauk [illegible] My-Je '61

EXERCISES, ETC.

[illegible] lized subprograms for the solution [illegible] worked out by the Computer [illegible] State University. V. V. Voevodin [illegible] fiz. 1 no. 1:180-181 Ja-F '61

[illegible] course. N. P. Skinderev. Mat. v [illegible] Ag '61.

[illegible] iative free sums of algebras with [illegible] lgebra. TS. E. Dididze Mat. [illegible] 4 Jl '61.

[illegible] Fields, Algebraic

[illegible] see Functions, Algebraic

[illegible] rning algebraic hypersurfaces [illegible] onal functions. E. P. Dolzhenko. [illegible] 6:1287-1290 Ag '61.

[illegible] IAL STATUS [illegible] ciation of Democratic Lawyers. [illegible] 4 S '61.

ALGERIA—POLITICS AND GOVERNMENT

All machinations of French colonizers will be of no avail V. Pustov Komm. Vooruzh Sil 1 no. 4:02-04 F '61

The national revolution in Algeria R. G. Landa Krat soob Inst nar Azii no 47 19-54 '61

New books and materials on Algeria. R. G. Landa. Nar. Azii i Afr no 2:84-88 '61

ALGORISM

Algorisms for the simplification of disjunctive normal forms of finite indices. RU. I Zhuravlev. Dokl Ak SSSR 139 no 6 1329-1331 Ag '61.

Selecting the chains in an algorism set. V. V. Martynick Zhur. vych. mat. i mat. fiz. 1 no 1:151-162 Ja-F '61

Some algorisms for solving the unitic problem of eigenvalues. V. N Kublanovskaia. Zhur vych mat i mat fiz. 1 no. 4:555-570 Jl-Ag '61.

ALI-BAYRAMLY DISTRICT—FISH CULTURE

Results of commercial rearing of the young of fishes spawning in lakes and flood plains on the Ali-Bayramly Fish Farm G D Agalarov, G. S Abbasov Izv AN Azerb SSR Ser biol. i med nauk no. 5 87-95 '61

ALIENS

Boguslavskii, M. M., and A. A. Rubanov. [Legal status of Soviet citizens in foreign countries] Pravovoe polozhenie sovetskikh grazhdan za granitsei. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1961. 110 p.

ALIEV, GUSEIN

Gusein Aliev. L. Zul'fugarova. Teatr 22 no. 8 151 S '61.

ALIMENTARY CANAL—INNERVATION

Changes in the electrical activity of the reticular formation during the blocking of gastric and rectal reflexes G. K Kadyrov. Izv AN Azerb. SSR Ser. biol. i med nauk no. 6:107-116 '61.

Development of neural elements of the human alimentary canal during the embryonic period [in Georgian with summary in Russian] K. I Chichinadze. Trudy inst eksp. morf. AN Gruz. SSR 8:139-140 '60.

ALIMENTARY CANAL—SURGERY

Tomsk, Tomskii gosudarstvennyi meditsinskii institut. [Problems in surgery of the esophagus and stomach. Biological effect of rays from the 25 Mev. betatron] Voprosy khirurgii pishchevoda i zheludka. Biologicheskoe deistvie luchei betatrona 25 Mev. Tomsk, Izd-vo Tomskogo univ., 1960. 354 p. (DNLM)

ALKALI EARTH METALS—OPTICAL PROPERTIES

Boundary of the fundamental absorption of light by chalcogenides of alkali-earth metals. V. P. Rombakh. Opt i spektr. 10 no 5.683-684 My '61.

ALKALI METAL ALUMINATES—SPECTRA

Infrared absorption spectra of synthetic aluminates of alkali and alkaline earth metals. V. A. Kolesova. Opt. i spektr. 10 no 3.414-416 Mr '61.

ALKALI METAL BROMIDES

Polytherm of an aqueous reciprocal system consisting of sodium and potassium bromides and iodides. A. I. Dzhabarov, A. I. Agaev Azerb.khim. zhur. no 4:103 111 '60.

ALKALI METAL HALIDES

Depth of coloring of alkali halide crystals when bombarded by 6 to 15 kv. electrons at different angles. A R.Shul'man, E. P. Gel'. Fiz tver. tela 3 no. 3.524-529 Mr '60

Structural defects in alkali halide crystal phosphors. L. M. Shamovskii, A S Shibanov. Fiz. tver. tela 3 no. 7:2123-2130 Jl '61.

ALKALI METAL HALIDES—ELECTRIC PROPERTIES

Characteristic energy losses arising in the reflection of electrons from single crystals of alkali halides M L. Kapitsa, S. A. Fridrikhov, A. R. Shul'man Fiz. tver. tela 2 no. 3:517-523 Mr '60

ALKALI METAL HALIDES—SPECTRA

Second order Raman spectra of mixed crystals of alkali halides. A. I. Stekhanov, M. B. Elfashberg. Opt. i spektr. 10 no. 3:348-353 Mr '61.

ALKALI METAL IODIDES

Polytherm of an aqueous reciprocal system consisting of sodium and potassium bromides and iodides. A. I. Dzhabarov, A. I. Agaev. Azerb. khim. zhur no. 4:103-111 '60.

ALKALIES

Lime recovery in the production of straw and cane pulp by the alkaline process. B. D. Grubshtein. Bum. prom. 36 no. 8:12-13 Ag '61.

ALKANES see Paraffins

ALKENES see Olefins

ALKYLATION

Alkylation of β-methyldecahydronaphthalene. IU. G. Mamedaliev, O. A. Zutikova. Azerb. khim. zhur. no 5: 15-20 '60.

ALKYLATION (Continued)

Alkylation of thiophene with unsaturated hydrocarbons [in Azerbaijani with summary in Russian] I Dzh. Sadykhov. Azerb. khim zhur no 3,89-97 '60

Synthesis of low molecular weight aromatic hydrocarbons from a natural aromatic concentrate B. F. Pishnamazzade, L. M. Kosheleva, G. N. Suleimanov Azerb. khim. zhur no. 4:35-43 '60

ALL-UNION COMMUNIST PARTY (BOLSHEVIK) see Communist Party of the Soviet Union

ALLELOPATHY

Reciprocal influence of vegetable crops. V. I. Edel'shtein. Priroda 50 no.9:123-124 S '61.

ALLERGY

Allergic factor in neurotic hypertension in monkeys [with summary in English] M. Kh. Markov Arkh pat 21 no.10:31-38 '59.

Anaphylactic shock ending fatally following administration of penicillin O I Kharitonov Pediatriia no 6 78 '61.

Anaphylactic shock following administration of penicillin A. A. Lobanov Voen -med zhur no 5 40-41 My '61

Bigne's method in the study of autosensitization in radiation sickness [with summary in English] N. N. Klemparskaia, N V Raeva. Biul eksp biol i med 51 no 5 77-81 My '61

ALLOXAZINE

Series of alloxazine and isoalloxazine. Part 2. New synthesis of the compounds of the alloxazine series. V M Berezovskii, L. S. Tul'chinskaia. Zhur ob. khim. 31 no. 8:2779-2782 Ag '61.

ALLOYS

Detection of the formation of chemical compounds in binary alloys by the contact welding method. L. N. Erastov Fiz. tver tela 2 no 2 277-279 F '60.

ALLOYS—CORROSION

Passivity of corrosion-resistant alloys in solutions of chlorides [with summary in English] I. L. Rozenfel'd, V. P. Maksimchuk. Zhur. fiz. khim 35 no 8:1832-1838 Ag '61.

ALLOYS—ELECTRIC PROPERTIES

Electric transfer in diluted metallic solutions. D. K. Belashchenko. Zhur. fiz. khim 35 no 8:1875-1876 Ag '61.

Methods of stabilizing alloys for resistance of a high degree of accuracy. V. S. Mostkin, E. A. Al'tman. Metalloved i term. obr. met no. 8:43-46 Ag '61.

ALLOYS—METALLOGRAPHY

Causes of the occurrence of anomalous plasticity alloys. A. A. Preobrazhenskov. Trudy Inst. ind. fiz. AN Kazakh. SSR 4,53-62 '61

Effect of nonmetallic inclusions on the structure of magnetically soft alloys. B. V. Molotilov, I N. Golikov. Metalloved. i term obr. met. no. 8:46-51 Ag '61.

Studying the effect of plastic and elastic deformation on the coercive force of ordered and unordered alloys. I. IA. Dekhtiar, D. A. Levina. Fiz. met. i metalloved. 12 no.1:30-37 Jl '61.

ALLOYS—TESTING

Effect of thin wire shrinkage. G. I. Chernysheva, A. A. Zhukhovitskii Izv. vys. uchab. zav., chern met 4 no 7:129-137 '61.

ALLOYS—THERMAL PROPERTIES

Heat capacity of systems with a special additional parameter. A. N. Men'. Fiz. met. i metalloved. 12 no.1:158-160 Jl '61.

ALLUVIUM

(see also subdivision under Ingulets Valley, Black Sea Lowland)

Facies, dynamic phases, and series of alluvium. I. P. Kartashov. Izv. AN SSSR, Ser. geol. 26 no. 9:77-90 S '61.

ALMA-ATA—AIRPLANES—MAINTENANCE AND REPAIR

An airplane has wings to fly. K. Tarasov. Grazhd. av. 18 no. 7:5-6 Jl '61.

ALMA-ATA—DISTRIBUTIVE EDUCATION

When a friend helps.... A. Riudiger. Koop. Kazakh 4 no. 5/6:55 My-Je '61.

ALMA-ATA PROVINCE—AGRICULTURAL POLICY

Agricultural planning in the district. N. Filatov. Nar. khoz. Kazakh. 19 no. 8:89-94 Ag '61.

ALMA-ATA PROVINCE—EROSION

Preliminary data on ravine erosion in the southern part of Alma-Ata Province. M. Zh Zhandaev. Trudy Otd. geog. AN Kazakh. SSR no. 8:188-192 '61.

ALMA-ATA PROVINCE—IRRIGATION FARMING

Problems concerning the farming system in irrigated areas of Alma-Ata Province. G Z. Bliashev, A. I Azhkeev. Vest. sel'khoz. nauki [Kazakh] 4 no 2 13-18 F '61.

ALMA-ATA PROVINCE—LANDFORMS—MAPS

Landforms of the southern part of Alma-Ata Province, their mapping and economic utilization. M Zh Zhandaev, A. V. Chigarkin. Trudy Otd geog. AN Kazakh SSR no 8 136-146 '61.

ALMA-ATA PROVINCE—RESTAURANTS, LUNCHROOMS, ETC.

Tastier and cheaper. R. Mikronova. Koop. Kazakh. 4 no. 4 54-55 Ap '61.

ALMA-ATA PROVINCE—RETAIL TRADE

Seminar was useful N S Skliarova. Koop Kazakh 4 no 5/6 34 My-Je '61

ALMA-ATA PROVINCE—ROTATION OF CROPS

Problems concerning the farming system in irrigated areas of Alma-Ata Province. G. Z. Bliashev, A. I. Azhkeev. Vest. sel'khoz. nauki [Kazakh.] 4 no. 2 13-18 F '61.

ALMA-ATA PROVINCE—SELF-SERVICE STORES

Transformed store Koop Kazakh. 4 no 5/6 38-39 My-Je '61.

ALPHA RAYS—INDUSTRIAL APPLICATIONS

Quantitative control of products of ore dressing with the help of alpha rays. I. N Plaksin, V N Smirnov Izv. AN SSSR Otd tekh nauk Met i topl no. 4 116-122 Jl-Ag '61.

ALPINE FLORA see subdivision under Tatra Mountains

ALSACE—CITIES AND TOWNS

The socioeconomic and political development of Alsatian cities in the late 15th and early 16th century T. F. Lavrova. Sbor trud. Arkh gos ped inst no. 3-69-83 '59

ALTAI MOUNTAINS—IRON ORES

Akademiia nauk SSSR. Mezhduvedomstvennaia postoiannaia komissiia po zheleza. [Iron-ore deposits of the Altai-Sayan mountainous region] Zhelezorudnye mestorozhdeniia Altae-Saianskoi gornoi oblasti. Moskva.

Vol. 1, Book 1, [Geology] Geologiia. 1958.
Vol. 2, Book 2, [Description of the deposits] Opisanie mestorozhdenii. 1959.
(NN)

ALTAI MOUNTAINS—NONFERROUS METALS

Increasing the economic efficiency of treating the complex metal ores of the Altai Mountains N S Saltybaldin Trudy Alt. GMNII AN Kazakh SSR 11:102-108 '61.

ALTAI MOUNTAINS—PALEONTOLOGY, STRATIGRAPHIC

Faunal finds in the fossil-free lower Carboniferous terrigenous strata of the Kalba Range and the western part of the southern Altai. A. Kh. Kagarmanov, E G Moiseeva Dokl AN SSSR 139 no 5-1187-1189 Ag '61.

ALTAI MOUNTAINS—PYRITES

Efficient utilization of Altai pyritic concentrates. A. IA. Zaplavnyi, N. S. Saltybaldin Trudy Alt GMNII AN Kazakh SSR 11:93-101 '61.

ALTAI MOUNTAINS—RUGOSA

[Paleontological basis of the Paleozoic stratigraphy in the Rudnyy Altai] Paleontologicheskoe obosnovanie stratigrafii paleozoia Rudnogo Altaia. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr.

No. 3. Spasskii, N. IA. [Devonian Tetracoralla in the Rudnyy Altay] Devonskie chetyrekhluchevye korally Rudnogo Altaia. 1960. 142 p.

ALTAI TERRITORY—COLLECTIVE FARMS

With Nikolai Lozovoi in Soldatovo. B. Mazhaev. Oktiabr' 38 no. 9:160-169 S '61.

ALTAI TERRITORY—DESCRIPTION AND TRAVEL

With Nikolai Lozovoi in Soldatovo. B. Mozhaev. Oktiabr' 38 no. 9:160-169 S '61.

ALTAI TERRITORY—FIELD CROPS

Rational structure of planting acreage in the Altai. G. Nalivaiko. Ekon. sel'khoz. 32 no. 8:41-47 Ag '61

ALTAI TERRITORY—RHIZOSPHERE MICROBIOLOGY

Distribution of Azotobacter in the rhizosphere of wild plants in some soils of the Altai Territory and Novosibirsk Province. N. N. Naplekova. Izv. Sib. otd. AN SSSR no. 8:110-116 '61.

ALTAI TERRITORY—STATE FARMS

Ready dinners taken to the field; from the experience of state farms in the Altai Territory. A. Volgin. Obshchestv. pit. no. 6:10-13 Je '61.

ALTAI TERRITORY—THEATER

"You've brought us sunshine .." V. Ivanova. Moskva 5 no.8 197-199 '61.

ALTERNATING CURRENTS see Electric currents, Alternating

ALTIMETER

Control of the flight path by means of the radio altimeter R G. Dakhnovskii Vest Vozd. Fl. no. 6 77-78 Je '61

ALTIMETER—TESTING

Officer A M Bugrov made this apparatus. A P. Borisovich. Vest Vozd Fl no 8:87 Ag '61

ALTITUDE, INFLUENCE OF

Change in pulmonary ventilation in respiration under excessive pressure at high altitudes Voen -med zhur. no 6,58-61 Je '61

ALUMINATES

Interaction of sodium-calcium hydrosilicate with high-modulus aluminate solutions V. D Ponomarev, L. G Romanov. Izv. AN Kazakh SSR, Ser., met., obog i ogneup no. 2, 43-52 '61

ALUMINOSILICATES

Heat capacity and desorptive ability of aluminosilicate catalysts [with summary in English]. B. S. Belosel'skii, Bi TSze-tsin [Pi Tsê-ching] V. K. Solinkov Inzh -fiz zhur 4 no. 9:104-107 S '61.

Value endothermic effect on the thermograms of aluminosilicates as a criterion of their activity V. E Smirnova, Z. G Zul'fugarov. Azerb khim zhur no 2:49-55 '61.

ALUMINOTHERMY

Welding cathodic protection rods with ferroaluminum thermite V K Derlugin Stroi truboprov. 6 no. 7: 19-20 Jl '61.

ALUMINUM

Corrosion-prevention measures for pipes of an aluminum motor-vehicle radiator. A I. Lipovetskaia Trudy NIIKHIMMASH no 27:99-101 '59

Demonstrating the coloring of aluminum as an imitation of gold I K Turyshev Khim v shkole 16 no 4:86-87 Jl-Ag '61

Electrolytic method of depositing tantalum on aluminum foil. V. N. Gurin, A. P. Obukhov. Zhur. prikl. khim. 34 no 8 1891-1892 Ag '61.

Geochemical characteristics of aluminum and titanium in the loess of White Russia. K I Lukashev, S G Dromashko, I A. Dobrovol'skaia. Dokl. AN BSSR 5 no 8:344-351 Ag '61

Incorporation of the isotope Au^{198} into an anodic oxide film on aluminum. A. F. Bogoiavlenskii, N. K. Matiazh. Zhur. prikl. khim. 34 no. 8:1892-1893 Ag '61.

Paramagnetic resonance in metallic aluminum. A. A. Galkin, V P. Naberezhnykh. Zhur eksp. i teor fiz. 40 no 6 1876-1877 Je '61

Phase diagram of the aluminum - rhenium system E. M Savitskii, M. A Tylkina, K. B. Povarova. Zhur. neorg khim 6 no 8 1962-1965 Ag '61

Reaction between indium chloride and aluminum in a melt. A P. Palkin, T. A. Marshakova, A. S Vinokurova. Zhur. neorg khim 6 no 8:1971-1972 Ag '61.

Use of plated aluminum instead of copper in the manufacture of electric equipment M. R. Raukhman. Vest. elektroprom. 32 no. 8:11-17 Ag '61.

ALUMINUM—ANALYSIS

Trilonometric determination of aluminum in ores. A. G. Lisshenko. Obog. rud 4 no.5:23-25 '59.

ALUMINUM—CORROSION

Corrosion of the aluminum sheathing of power cables in oil refineries. Z. I. Rudzskii, A. A. Spirin. Azerb. neft. khoz. 39 no. 2 40-41 F '60.

ALUMINUM—ELECTROMETALLURGY

Anode of aluminum electrolytic cells with vertical feed of the electric current. E. Balazh [E. Balaza]. Izv. vys. ucheb. zav., tsvet. met. 4 no. 4:71-78 '61.

Bolinev, A. I. [Electrolyte of aluminum baths] Elektrolit alliuminievykh vann, Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 198 p.

Effect of barium chloride on the physicochemical properties of cryolite-alumina melts. A. I. Belinev, L. A. Firsanova Izv. AN SSSR. Otd. tekh. nauk Met i topl no. 4:3-11 Jl-Ag '61.

ALUMINUM—ISOTOPES

Measuring the angular distribution for the Al^{27} (p, p') Al^{27*} reaction with the aid of a magnetic analyzer when E_p=6.6 Mev. S. S. Vasil'ev, E. A. Romanovskii, G. F. Timushev. Zhur. eksp. i teor. fiz. 40 no. 3:972-973 Mr '61.

ANTIGENS AND ANTIBODIES

Antigenic characteristics of lipoid-polysaccharide complexes from tissues of old animals [with summary in English] V A. Karev Biul eksp biol i med 51 no 4 86-91 Ap '61

Antigenic properties of certain fractions of Ehrlich mouse adenocarcinoma Report No 2 Studies on antigenic properties of tumor fractions in gel precipitation reactions and in experiments on vaccinated mice [with summary in English] I S Bashkaev Biul eksp biol i med 51 no 5 86-91 My '61

Effect of antisera against irradiated malignant tissues on the growth of experimental tumors in animals exposed to irradiation Report No 1 Antibody-producing capacity of irradiated antigens in various species of animals [with summary in English] I N Maiskii, P P Filatov, G V Suvorova Biul eksp biol i med 51 no 4 92-95 Ap '61

Establishing differences between individual schools of the sockeye salmon (Oncorhynchus nerka Wahlb.) by the precipitation reaction M. G. Zaks, M M Sokolova Dokl AN SSSR 139 no. 6 1491-1494 Ag '61.

"Immunopathology in the clinic and in research and the problem of autoantibodies" [in German] by P. Miescher, K. Vorlaender Reviewed by D. G. Al'pern Arkh pat 21 no 9, 77-78 '59

Methods of preserving X-virus antigens [with summary in English]. B G Bolarskii. Izv TSKhA no 2 221-223 '61

ANTIMISSILE MISSILES

(see also subdivision under United States)

"Antimissile missile" (according to data revealed by the foreign press) by M N Nikolaev Reviewed by V N Zhukov. Vest Vozd Fl. no. 6 83-85 Je '61

Combat equipment of an antimissile missile (as revealed by foreign press data). V A. Belokhvostov, N. I Sizov. Vest protivovozd obor no 7 21-24 Jl '61

ANTIMONY

Reduction of the harmful effect of antimony in cyaniding gold ores. S. B. Leonov, M F Khabrov. Izv. vys. ucheb. zav., tsvet. met. 4 no. 4, 91-96 '61.

Study of the effect of small admixtures of lead and antimony on the parameters of the boundary and volume diffusion of these admixtures into copper [with summary in English] S. D. Hertsriken, A L Revo Ukr. fiz. zhur 6 no. 3 398-407 My-Je '61

ANTIMONY—METALLURGY

Distribution of arsenic and selenium inclusions during the zonal recrystallization of antimony V N Vigdorovich, V. S Ivleva, L IA. Krol' Izv. AN SSSR Otd tekh nauk Met i topl no 4 29-30 Jl-Ag '61

ANTIMONY-BISMUTH ALLOYS see Bismuth-antimony alloys

ANTIMONY CHLORIDE

Phosphoryl chloride in the system containing phosphorus, antimony, and bismuth chlorides B A Voitovich Zhur neorg khim 6 no 8 1914-1918 Ag '61

ANTIMONY CRYSTALS

Etching grooves on face (111) of antimony single crystals V. M Kosevich Kristallografiia 6 no. 3 475-476 My-Je '61

ANTIMONY-INDIUM-GALLIUM ALLOYS see Indium-antimony-gallium alloys

ANTIMONY ORES

(see also subdivision under Fergana)

Flotation of antimony ores. E P. Stakhanova. Obog. rud 4 no. 3 3-5 '59.

ANTIMONY SULFIDE CRYSTALS

Effect of impurities on the properties of Sb_2S_3. V. I. Liashenko, A. F. Skubenko Fiz. tver. tela 3 no 8: 2499-2501 Ag '61.

ANTIOXIDANTS

Mechanism of radical and peroxide inactivation by natural tissue antioxidants. A. I. Zhuravlev, A. I. Polivoda, B. N. Tarusov. Radiobiologiia 1 no. 3: 321-324 '61.

ANTIQUITIES see also Archaeology; also subdivision 'Antiquities' under Azerbaijan; Crimea; Gelendzhik Bay region; Kanev District; Khanegya region, Loo; Nemrut Dag; Nezviska; Petra, Jordan; Planerskoye; Russia; Siberia; Styrfaz; Transbaikalia; Turkmenistan, Ude; Ukraine; United Arab Republic; Ushkalka, Volhynia

ANTS

Ants are defenders of the woods. Nauka i zhyttia 11 no. 7:54 Jl '61.

ANUS—DISEASES

Aminev, A. M. [Anal fissures. Coccygeal pain. Proctalgia. Pruritus ani] Treshchiny zadnego prokhoda. Kopchikovaia bol'. Proktalgiia. Zud zadnego prokhoda, Kuibyshev, 1959. 111 p. (DNLM)

AORTA—ABNORMITIES AND DEFORMITIES

Case of incomplete bifurcation of the aortic arch with duplication of the number of its large vessels [with summary in English] A A. Siviakov, IU. N. Andriushin Arkh pat 21 no 10, 60-62 '59

AORTA—CANCER

Case of primary sarcoma of the intima of the aorta [with summary in English]. A. N. Kovaleva, B. O Press Arkh. pat. 21 no. 10, 62-65 '59

AORTA—DISEASES

Case of septic ulcerous endocarditis in a child with subvalvular perforation of the wall of the aorta E N. Nesterov, A. F Nesterina Vop okh. mat i det 6 no. 7, 91-92 Jl '61

Significance of prolonged functional tension of the nervous system in the development of lipoidosis of the aorta and lesions of the myocardium in rabbits [with summary in English] P S Khomulo. Biul. eksp. biol i med 51 no 5 39-41 My '61

AORTA—INNERVATION

Investigating the afferent part of the unconditioned reflex arc of the aorta in acute radiation sickness. A. N. Balashova. Radiobiologiia 1 no. 3 365-371 '61.

APARTMENT HOUSES

(see also subdivision under Czechoslovakia; Estonia; Europe, Western; Minsk; Moscow; Tashkent; Tiflis, White Russia)

Agloporite concrete in housing construction. M. Izraelit. Zhil. stroi. no. 7 22-23 Jl '61.

Apartment houses made of prefabricated rooms. S. Ataev and others Zhil. stroi no. 7 24-26 Jl '61.

Assembly of large-panel houses in Minsk. S. Gol'din, N Zarovkina, V. Minkevich. Zhil. stroi. no. 7, 9-10 Jl '61.

Bobkov, V. T. [Technological progress in housing construction; text for a film strip] Tekhnicheskii progress v zhilishchnom stroitel'stve; material k diafil'mu. Moskva, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, 1960. 38 p.

Changes in the cost of walls as related to the varying orientation of buildings without cellars relative to the horizontal surface lines. R M Rondel' Shor nauch trud Bel politekh inst no. 39; 16-21 '60.

Conferences on large-panel housing construction Zhil. stroi no. 8 2 of cover, 3 of cover Ag '61

Housing construction combine under the Main Administration for Housing and Public Construction in the City of Moscow. V. Galitskii, A. Kashirskii. Stroi. i arkhit. Mosk 9 [i. e. 10] no. 8 2-4 Ag '61.

Improving techniques for assembling large-panel houses. M. Merkling. Stroi i arkhit. Mosk. 9[i. e. 10] no 7, 20-23 Jl '61.

In the Institute of Experimental Planning. Biul. stroi. tekh. 18 no. 8; 32-34 Ag '61.

In the Office of State Construction of the U. S. S. R. Zhil. stroi no 8 16 Ag '61

Large-panel houses made of concrete with pulverized quartz I. Bernei and others. Zhil. stroi. no 8; 7-9 Ag '61.

Large-panel houses using elements with a low cement content. G Badanov, IA. Rozenberg. Na stroi. Ros. no. 7; 30-32 Jl '61.

Let's disseminate the Leningrad method of prefabricated housing construction. Bet. i zhel.-bet. no. 8; 383-384 Ag '61.

Method of determining the most economical ratio for the sides of a section of an apartment house. A T Triniuk Shor. nauch. trud Bel. politekh. inst. no. 39; 22-41 '60.

Minsk housing construction combines. I. IAnkovskii. Zhil. stroi. no. 7 11-13 Jl '61.

New standard plans for large-panel houses. Stroitel' no. 7 31 Jl '61.

Plan for building apartment houses out of up-to-date elements in 1962 and 1963. Gor. khoz. Mosk. 35 no. 8; 48 Ag '61.

Planning and construction of the "Kopytovka" microdistrict. T. G. Zaikin Gor. khoz. Mosk. 35 no. 8; 20-22 Ag '61.

Prefabrication techniques in construction and problems of the architectural ensemble V. Kazarinova. Arkhit. SSSR no. 6 15-21 '61

Shagin, P. P. [Stability of frameless apartment houses made of precast elements on highly or irregularly compressed soils] Prochnost' i ustoichivost' beskarkasnykh zhilykh zdanii iz sbornykh elementov na sil'no i neravnomerno szhimaemykh gruntakh. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 119 p.

Silicate concrete for building apartment houses. A. Voronov. Stroi. i arkhit. Mosk. 9[i. e. 10] no. 7; 17-19 Jl '61.

Using new techniques. L. London. Stroi. i arkhit. Mosk. 9 [i. e. 10] no. 8; 13-16 Ag '61.

Ways of improving housing construction with precast slabs. IU. Dykhovichnyi. Stroi. i arkhit. Mosk. 9 [i. e. 10] no. 8-5-10 Ag '61.

APARTMENT HOUSES—MAINTENANCE AND REPAIR

Gypsum and gypsum concrete details for the capital repair of houses. L. I. Shumakher. Gor. khoz. Mosk. 35 no. 8; 41 Ag '61.

APATITE—ANALYSIS

Oknina, V. A. [Methods of chemical analysis of ores] Metody [illegible] Pod red. G. A [illegible] Izd-vo khim.

APES

Akademiia meditsinskikh nauk SSSR, Moscow. Institut eksperimental'noi patologii i terapii. [Physiology and pathology of the higher nervous activity of apes; collection of works] Fiziologiia i patologiia vysshei nervnoi deiatel'nosti obez'ian; sbornik rabot. Sukhumi, 1960. 190 p. (DNLM)

Sound communication system of apes. N. I. Zhinkin. Izv. APN no. 113-183-226 '60.

APOLOGETICS

Zen'kovskii, V. V. [Apologetics] Apologetika. Paris [YMCA-Press] 1957. 200 p. (RPB)

APPARATUS, ORTHOPEDIC see Orthopedic apparatus

APPELLATE PROCEDURE

Basic problems concerning the review of judicial decisions in civil cases by the presidiums of appellate courts. S. S. Moskvin Vest. Mosk. un. Ser. 10 Pravo 16 no. 3; 34-43 Jl-S '61.

Compromise reached in appellate courts. O. Stepanova. Sots. zakon. 38 no 9, 49-52 S '61.

Nikolaev, V. S. [Objectives of appellate procedure and the supervisory review of judicial decisions in Soviet criminal procedure] Zadachi kassatsionnogo proizvodstva i revizionnyi poriadok peresmotra del v sovetskom ugolovnom protsesse. [Moskva] Izd-vo Mosk. univ., 1961. 49 p.

APPENDICITIS

Development of appendicitis as a result of helminthiasis. I. D. Klopov Voen.-med zhur. no 6-77-78 Je '61

APPLE

(see also subdivision under Kharkov Province, Svyan Lake region)

Effect of pollinizers on the quality of apples. N. I. Il'minskaia. Trudy OmSKhI 43 123-130 '61.

Garden Month. B. Aleksandrov. IUn. nat. no. 8 36 S '61.

Photosynthesis and metabolic processes in the apple tree [with summary in English]. K. S. Harnida Ukr. bot. zhur. 18 no. 4; 38-45 '61.

APPLE—DISEASES AND PESTS

Forecasting mass outbreaks of the apple ermine moth (Hyponomeuta malinellus Zell.) in Moscow Province [with summary in English]. V. I. Benkevich. Zool. zhur. 40 no. 8, 1164-1171 Ag '61.

APPLE—FERTILIZERS AND MANURES

Effect of fertilizers on the development of standard apple rootstock D. S Kryvul'ko Visnyk sil'hosp nauky 3 no 4-77-80 Ap '60

APPLE—WATER REQUIREMENTS

Water economy of the apple tree under conditions of sufficient and unsufficient moisture. R. V Kosheleva. Izv. AN Turk. SSR, Ser. biol. nauk no 1; 20-34 '61.

APPROXIMATE COMPUTATION

Best approximation of ideally monotonic and certain other funtions in the L-metric by means of trigonometric polynomials. V. K. Dziadyk. Izv. AN SSSR, Ser. mat. 25 no. 2; 173-238 Mr-Ap '61

Best approximation of the funtions of two variables by means of $\varphi(x) + \psi(y)$ functions. IU. P. Ofman. Izv. AN SSSR, Ser. mat. 25 no. 2; 239-252 Mr-Ap '61.

Evaluation of the inaccuracies occurring in the derivation of approximate solutions to simple equations of gas dynamics. S. K. Godunov. Zhur. vych. mat. i mat. fiz. 1 no. 4; 622-637 Jl-Ag '61.

Reducibility of a continuous function of a real variable and the structure of the stationary points of the corresponding iterative process. A. N. Sharkovskii. Dokl AN SSSR 139 no. 5 1067-1070 Ag '61.

Theorems of duality for approximations with the aid of convex sets. A. L. Garkavi. Usp. mat. nauk 16 no 4 141-145 Jl-Ag '61.

APPROXIMATE COMPUTATION—STUDY AND TEACHING

Rules and problems on approximate computation in the sixth grade. R. I. Matiugina. Mat. v shkole no. 4 39-40 Jl-Ag '61.

Some remarks on the chapter "Approximate computations" in the arithmetic textbook. N. IA. Fraisman. Mat. v shkole no. 4; 40-41 Jl-Ag '61.

Studying the section "approximate computation" in the arithmetic course of the sixth grade. V. I. Bellaev. Mat. v shkole no. 4; 34-39 Jl-Ag '61.

APSHERON ARCHIPELAGO—OIL FIELD BRINES

Changes in the chemical composition of waters in fields of the Kala series of the southeastern Apsheron Archipelago. K F. Kasumov Azerb neft khoz 10 no 1 4-6 Ja '61

APSHERON ARCHIPELAGO—PETROLEUM GEOLOGY

Analysis of the results and plan for future prospecting in the Kamni Grigorenko area. I R. Reikhman, B M Kerimov. Azerb. neft khoz 40 no. 6 7-10 Je '61

APSHERON PENINSULA—CONDENSATE OIL WELLS

Some features of the gas condensate mixture from well no. 9 of the Zyrya area K. V Vinogradov and others Azerb. neft. khoz. 39 no. 1 27-29 Ja '60

APSHERON PENINSULA—FOLDS (GEOLOGY)

Some opinions on the formation of the Surakhany and Karachukhur anticlinal uplifts. Ch M Shcidaev Azerb neft. khoz. 10 no 6 10-13 Je '61

APSHERON PENINSULA—GEOLOGY, STRATIGRAPHIC

Correlation of cross sections of the producing formation of the Apsheron Peninsula and the red bed of western Turkmenia, follow-up to the article by G I Gorin I. M. Shvarts. Azerb. neft. khoz 39 no. 1 16-17 Ja '60.

APSHERON PENINSULA—OIL FIELDS—PRODUCTION METHODS

Ismail-Zade, D. I., and G. A. Mamedov. [Development of the Kirmaki series of the Buzovny-Mashtagi field] Voprosy razrabotki kirmakinskoi svity Buzovny-Mashtaginskogo mestorozhdeniia. Baku, Azerbaidzhanskoe gos. izd-vo neft. i nauchno-tekhn. lit-ry, 1960. 89 p.

Mustafaev, M. M. [History of the development of the Bibi-Eybat Field] Iz istorii razvitiia Bibieibatskogo neftianogo mestorozhdeniia. Baku, Azerbaidzhanskoe gos. izd-vo, 1961. 70 p.

Remote control of the operation of flowing wells in the Zyrya area. R. R. Verkhov, G. S Shelevel, I. S. Borts Azerb. neft. khoz 39 no. 2 23-24 F '60.

APSHERON PENINSULA—OIL WELL LOGGING, RADIATION

Distortion of gamma-ray logging curves resulting from lost circulation. B. M. Lintengarten. Azerb. neft khoz 40 no. 1;11-12 Ja '61

APSHERON PENINSULA—PETROLEUM GEOLOGY

Seismic prospecting data on the tectonics of the sediments underlying the producing formation in the Apsheron petroliferous province. A M Khenkina Azerb. neft. khoz. 40 no. 6 4-7 Je '61.

APSHERON PENINSULA—QUINCE

Characteristics of the chemical composition and some pharmacological properties of medicinal and galenic preparations derived from the leaves of quince grown in Azerbaijan. R K Aliev and others Izv AN Azerb SSR. Ser biol i med nauk no 6;117-127 '61

APSHERON PENINSULA—WINDS

Winds in the lower troposphere over the Apsheron Peninsula during the Baku northers. S D Koshinskii Trudy Tbil NIGMI no. 7 26-37 '60.

APSHERON PENINSULA—WOODY PLANTS—WATER REQUIREMENTS

Water economy of seedlings of some arboraceous species during foliar application of boron and manganese B. Z Gussinov. Trudy Azerb. gos. znoch. ped. inst. 6 93-102 '58.

APSHITSA VALLEY—PALEONTOLOGY, STRATIGRAPHIC

Stratigraphic significance of globigerinids in Miocene deposits of Transcarpathia [with summary in English] I. V. Vcshlinst'kyi. Dop AN URSR no 7 946-950 '61.

AQUATIC BIRDS see Water birds

AQUATIC PLANTS

Evaporation from the surface of water and the effect of aquatic vegetation and weather conditions on it A. N Popov. Sbor. rab. Kursk gidromet obser. no 1 84-90 '60.

AQUATIC SPORTS—EQUIPMENT AND SUPPLIES

Walking on water. Znan. sila 36 no. 8;16 Ag '61.

ARAB COUNTRIES—CHEMISTRY

Chemistry in Arab countries and its sources. Iu. S. Musabekov, Iz ist. nauki i tekh. v stran. Vost. no. 1: 437-453 '60.

ARAB COUNTRIES—HISTORY—SOURCES

Greek and Syrian sources for the history of the northern Arab tribes from the 4th to the 6th century. N. V. Pigulevskaia. Krat. soob. Inst. nar. Azii no. 47 64-70 '61.

ARAB COUNTRIES—RELATIONS (GENERAL) WITH RUSSIA

Cultural and economic contacts between Russia and Arab countries in the first half of the 19th century, from the collection of Central Historical Archives in Leningrad. A. A. Kartsev. Krat. soob Inst. nar. Azii no. 47 30-37 '61.

ARABIA—LAND TENURE

The sixth volume of Ibn Miskawayh's universal history as a source for the study of social relations in the late years of the caliphate. B. IA. Shuster Krat soob Inst nar Azii no 47 82-88 '61

ARABIC ART see Art, Mohammedan

ARABIC LANGUAGE—GRAMMAR

Shaibatov, G. Sh. [The modern Arabic language] Sovremennyi arabskii iazyk. Pod obshchel red. G. P. Serdiuchenko. Moskva, Izd-vo vostochnoi lit-ry, 1961. 111 p. (IAzyki zarubezhnogo Vostoka i Afriki)

ARABIC MANUSCRIPTS see Manuscripts, Arabic

ARABIC MATHEMATICS see Mathematics, Arabic

ARABIC STUDIES

The manuscripts of V G Tizengauzen K. A Boiko Krat soob Inst. nar Azii no 47 21-29 '61

ARABIKA REGION—KARST

Results of speleological explorations on the Arabika limestone massif in 1960 L. I Maruashvili, Z K Tintilozov, G Z Changashvili Soob AN Gruz SSR 26 no 5 547-554 My '61

ARABS

(see also subdivision under Armenia)

Atheistic training of students during lessons on the topic "Arabs in the 6th-11th centuries." Z Akhmerov Prep ist v shkole 16 no 5 72-75 S-O '61

ARAL SEA—FISHERIES

Factors affecting fluctuations of fish catches in the Aral Sea. A V. Voloshkin. Trudy sov. Ikht. kom. no 13 427-429 '61

ARAL SEA REGION—SORGHUM

Cultivation of sorghum in the northern Aral Sea Region. Iu. I. Kirillov, I. I. Kozulia. Vest. sel'khoz. nauki [Kazakh.] 4 no. 3 21-26 Mr '61.

ARBAZH DISTRICT—TRANSPORTATION, AUTOMOTIVE—FINANCE

Business accounting in automotive transportation. V. S. Vokhmianin. Uchet i fin v kolkhoz i sovkhoz 18 no 8,31-33 Ag '61

ARBITRATION AND AWARD

Correlation between the decisions of courts and arbitration agencies. V. Shchegiov. Sov. just. no. 17:23-24 S '61.

Decisions of arbitration agencies. Sov. just. no. 17:32 S '61.

Green light for new methods in the work of arbitration agencies. P. Uskov. Sov. just. no. 17 22 S '61.

Kallistratova, R. F. [Examination of commercial disputes in state arbitration agencies] Razreshenie sporov v gosudarstvennom arbitrazhe. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 204 p.

Shapkina, G. S. [Preparation of delivery of goods contracts and the arbitration of precontract disputes] Oformlenie postavok dogovorami i razreshenie predogovornykh sporov. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 101 p. (Bibliotechka khoziaistvennika i rabotnika iuridicheskoi sluzhby)

ARCHAEOLOGICAL SPECIMENS—COLLECTION AND PRESERVATION

"Monuments of culture"; research and restoration. Reviewed by N. N. Voronin, A. G. Chiniakov Sov arkheol no. 3;314-318 '61.

ARCHAEOLOGICAL SURVEYING

"Archaeological surveying and excavations" by D. A. Avdusin. Reviewed by N. IA. Merpert. Sov arkheol. 5 no. 3;307-314 '61

ARCHAEOLOGY

(see also subdivision under Caspian Lowland; also subdivision 'Antiquities' under Azerbaijan; Crimea; Gelendzhik Bay region; Kanev District; Khanegya region; Loo; Nemrut Dag; Nezviska; Petra, Jordan, Planerskoye; Russia; Siberia; Styrfaz, Transbaikalia; Turkmenistan; Ude; Ukraine; United Arab Republic; Ushkaika, Volhynia)

Discussing the results of 1960 field studies at a session of the Department of History of the Academy of Sciences of the U.S.S.R. V. A. Aleksandrov, N IA. Merpert. Vop. ist. no. 9;118-125 S '61.

Results of field research of archaeologists and ethnographers. N. IA. Merpert. Vest. AN SSSR 31 no. 8;121-124 Ag '61.

ARCHAEOLOGY—CONGRESSES

Conference on the history and archaeology of the Greek city. G. A. TSvetaeva. Sov. arkheol. 5 no. 3;320-325 '61.

ARCHAEOLOGY—METHODOLOGY

Statistical method for studying the paleolith and mesolith. A. P. Chernysh. Mat i dosl. z arkheol. Prikarp. i Vol. no. 2;29-39 '59.

ARCHANGEL GOVERNMENT—POLITICS AND GOVERNMENT

The struggle for the consolidation of Archangel Government soviets at the end of the restoration of the national economy K S. Ivanova Shor trud Arkh gos. ped inst no 3 3-16 '59

ARCHES

Designing arches with a superstructure. V. I. Klimanov. Issl po teor sooruzh no 10 208-221 '61.

ARCHITECTURAL ACOUSTICS

Experimental study of the acoustics of large rooms. A. N. Kacherovich, O. D. Burkov. Trudy NIKFI no. 34: 36-60 '60.

Measurement of reverberation time by means of a short sound signal. O. D. Burkov. Trudy NIKFI no. 34: 16-25 '60.

Nondirectional ultrasonic emitter for studying the acoustics of rooms by using models. V. M. Gardashi'an. Trudy NIKFI no. 34 61-68 '60.

Qualitative estimation of the acoustics of large rooms. A. N. Kacherovich. Trudy NIKFI no. 34 26-35 '60.

Using models for the study of auditorium acoustics V M Gardashi'an Tekh kino i telev. 5 no 6 75-79 Ag '61

ARCHITECTURAL MODELS

Nondirectional ultrasonic emitter for studying the acoustics of rooms by using models. V. M. Gardashi'an. Trudy NIKFI no 34 61-68 '60.

Planning with the use of models. V. Gorodskoi. Stroi. i arkhit. 9 no 7 31-34 Jl '61

ARCHITECTURE

(see also subdivision under Barnaul, China; Finland, Novosibirsk, Petrodvoretz; Poland, Tiflis, Uzbekistan)

Baitenev, I. A. [Architecture] Arkhitektura. Leningrad, Khudozhnik RSFSR, 1960. 61 p. (Besedy ob iskusstve)

Resolution of the Third All-Union Congress of Soviet Architects Arkhit SSSR no 6 3-5 '61

Some problems in the development of modern architecture. V Tasalov Arkhit. SSSR no. 6;50-53 '61.

To the Central Committee of the CPSU and the Council of Ministers of the U S S R Arkhit. SSSR no 6 1-2 '61.

Toward new success in Soviet architecture. Stroi. i arkhit. 9 no 7 1-4 Jl '61

ARCHITECTURE—CONGRESSES

Third all-Union Congress of Soviet Architects. Arkhit SSSR no. 7;2-15 '61

Third All-Union Congress of Soviet Architects P. Kuzanian. Na stroi Ros. no 7 3 of cover Jl '61.

ARCHITECTURE—DICTIONARIES

Pushkarev, V. I., and A. M. Shchegoleva, comps. [English-Russian and Russian-English dictionary of building and architectural terms] Anglo-russkii i russko-angliiskii arkhitekturno-stroitel'nyi slovar'. Pod red. L. S. IAmpol'skogo. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 841 p.

ARCHIVES

(see also subdivision under Czechoslovakia; Tiflis, Ukraine)

Malakovskii, I. L. [Archives in ancient and feudal slave holding states] Arkhivy i arkhivnoe delo v rabovladel'cheskikh gosudarstvakh drevnosti i v epokhu feodalizma; posobie dlia studentov Moskovskogo gosudarstvennogo istoriko-arkhivnogo instituta. Pod red. V. V. Maksakova. Moskva, Mosk. gos. istoriko-arkhiv. in-t, 1959. 96 p. (Arkhivy i arkhivnoe delo v inostrannykh gosudarstvakh, no. 1)

(MH)

ARCTIC REGIONS

Sleep of people in Arctic regions. V. N. Semagin. Fiziol. zhur. 47 no 6;950-957 Ag '61.

ARCTIC REGIONS—ATMOSPHERIC TRANSPARENCY

Atmospheric transparency in the Arctic. S. V. Zvereva Trudy AANII 229,90-116 '61.

ARCTIC REGIONS—SOLAR RADIATION

Accumulated and diffuse radiation in the Arctic. B. M. Gal'perin Trudy AANII 229;117-131 '61

Basic characteristics of the radiation balance of the ground surface and the atmosphere in the Arctic. M. S. Marshunova. Trudy AANII 229-5-53 '61

Some characteristics of the radiation climate in the central Arctic. N. T. Chernigovskii. Trudy AANII 229: 54-83 '61.

The technique of calculating the radiation balance of the snow and ice cover in the Arctic. Iu. P. Doronin Trudy AANII 229 84-89 '61

ARDATOV DISTRICT—BEE CULTURE—ACCOUNTING

Accounting for and calculating bee culture production. S. V IAshanin. Uchet i fin v kolkhoz i sovkhoz. 18 no. 8;20-21 Ag '61.

ARGENTINA—LABOR AND LABORING CLASSES

We are in the fighters' camp. Rubens Iscaro. Sov. profsoiuzy no. 17;34-38 S '61.

ARGENTINA—TRADE UNIONS

We are in the fighters' camp Rubens Iscaro Sov. profsoiuzy no 17 34-38 S '61

ARGILLITE see subdivision under Greater Balkhan Range

ARITHMETIC

Pchelko, A.S., and G.B. Poliak. [Arithmetic] Arifmetika, uchebnik dlia 4-go klassa nachal'noi shkoly. Izd.4. Moskva, Gos.uchebno-pedagog.izd-vo, 1958. 158 p. (MiD)

Shevchenko, I.N. [Arithmetic] Arifmetika; uchebnik dlia 5 i 6 klassov semiletnei i srednei shkoly. Izd.4. Moskva, Gos uchebno-pedagog izd-vo, 1959. 207 p. (MiD)

ARITHMETIC—FOUNDATIONS

Tarski, Alfred. [Introduction to logic and to the methodology of deductive sciences. Translated from the English] Vvedenie v logiku i metodologiiu deduktivnykh nauk. Red i predisl. k russkomu perevodu S.A.IAnovskoi. Prim. G.M.Adel'sona-Vel'skogo. Moskva, Gos izd-vo inostr lit-ry, 1948. 325 p. (CU)

ARM—WOUNDS AND INJURIES

Case of severe complication in a forearm injury V I Zakharov Ortop travm i protez no 6 66-67 '61

Case of treatment of severe arm injury D I.Stepanova, A G Ostrovskii Ortop , travm i protez no 6 65-66 '61

ARMATURES

Determination of the ellipticity coefficient of the magnetic field of the massive rotor of an electric machine A A Lebedev Izv vys ucheb zav , elektromekh 4 no 8 18-21 '61

ARMENIA—ADMINISTRATIVE ECONOMIC COUNCILS

In the Armenian Economic Council Prom. Arm 4 no 5:73-75 My '61

In the Armenian Economic Council. Prom Arm. 4 no.6:72-73 Je '61.

In the Armenian Economic Council. Prom. Arm. 4 no.8:78-79 Ag '61.

ARMENIA—AGRICULTURAL POLICY

The program of life. K.Udumian. Kommunist 38 no 14 80-81 S '61

ARMENIA—ARABS

Arab emirates in Armenia during the rule of the Bagratids A.N Ter-Gevondian Krat. soob Inst nar Azii no 47 71-74 '61

ARMENIA—ATMOSPHERIC TEMPERATURE

Selecting rated outside temperature of air for heating systems in Armenia K.Ter-Mkrtchian, G Melikian Prom. Arm. 4 no 5 58-61 My '61.

ARMENIA—BORING MACHINERY—TECHNOLOGICAL INNOVATIONS

Development of equipment for boring operations in Armenian metal mines. E Simonian Prom Arm 4 no 5 10-15 My '61.

ARMENIA—BOTANY

Some new and rare plants in the flora of Armenia, E.TS. Gabrielian. Izv.AN Arm.SSR.Biol.nauki 14 no.6: 91-93 '61.

ARMENIA—BUILDING MATERIALS

Outlook for the development of porous perlite production in Armenia. L. Zakharov. Prom Arm 4 no 6 14-18 Je '61.

Stop contemptible practices in the management of capital construction. A.Akopian. Prom. Arm. 4 no.8:12-14 Ag '61.

ARMENIA—CHEMICAL INDUSTRIES

Factory is proud of him. Prom. Arm. 4 no.8:58-59 Ag '61.

ARMENIA—CONSTRUCTION INDUSTRY

Eliminate all shortcomings in industrial building Prom. Arm. 4 no.6:3-6 Je '61.

In the Armenian State Committee of Construction Prom. Arm. 4 no.5,76-77 My '61.

Meeting of active members of the economic council on problems of capital construction. Prom. Arm. 4 no.8:79-81 Ag '61.

ARMENIA—COPPER—METALLURGY

"Development of copper melting in Armenia" by V.A. Melkonian. Reviewed by A. Grigorian Prom Arm 4 no.6:76-77 Je '61.

ARMENIA—CRANES, DERRICKS, ETC.

Use building and erecting cranes efficiently, A. Ter-Israelian. Prom. Arm. 4 no.6:19-22 Je '61

ARMENIA—CRIMINAL LAW

Armenian S.S.R. Laws, statutes, etc. [The criminal code of the Armenian S.S.R.; adopted at the fifth session of the Fifth Supreme Soviet of the Armenian S.S.R., March 7, 1961] Ugolovnyi kodeks Armianskoi SSR. Priniat na piatoi sessii Verkhovnogo Soveta Armianskoi SSR piatogo sozyva 7 marta 1961 g. Erevan, Armgosizdat, 1961. 182 p.

ARMENIA—CRIMINAL PROCEDURE

Armenian S.S.R. Laws, statutes, etc. [The criminal procedure code of the Armenian S.S.R., adopted at the fifth session of the Fifth Supreme Soviet of the Armenian S.S.R., March 7, 1961] Ugolovno-protsessual'nyi kodeks Armianskoi SSR. Priniat na piatoi sessii Verkhovnogo Soveta Armianskoi SSR piatogo sozyva 7 marta 1961 goda. Erevan, Aipetrat, 1961. 261 p.

ARMENIA—ECONOMIC CONDITIONS

Let us be prepared for the 22d Congress of the CPSU. Prom Arm. 4 no. 5 3-6 My '61.

Preparing for the 22d Congress of the CPSU. Prom. Arm 4 no 5 62 My '61

The rapid development of socialist Armenia. Sh Arushanian Komm Vooruzh. Sil 1 no 17 52-55 S '61

ARMENIA—EFFICIENCY, INDUSTRIAL

Improve the organization of efficiency promotion. Prom Arm. 4 no 5 75-76 My '61

ARMENIA—ELECTRIC POWER DISTRIBUTION

Innovators save electric power. Prom Arm 4 no 5 49-50 My '61

The power factor is an index of efficient use of electric power. A Arakelian. Prom.Arm. 4 no.8 20-23 Ag '61.

Republican conference on efficient use of electric power. Prom.Arm. 4 no.8:70-72 Ag '61.

ARMENIA—ELECTRIC POWER DISTRIBUTION—SAFETY MEASURES

New regulations for operation and safety measures in electric power units. Prom.Arm. 4 no.8:85-86 Ag '61.

ARMENIA—ELECTRIC PROSPECTING

Geologic effectiveness of electric logging of ore deposits in the Armenian S S R R.T Maridzhanian Izv AN Arm SSR Geol. i geog nauki 14 no 3 43-50 '61

ARMENIA—FEEDS

Combined scientific technical seminar. Prom Arm 4 no.5:63 My '61

ARMENIA—FLOODS

Characteristics of spring floods in river basins of Armenia M V. Shaginian Trudy Tbil NIGMI no 7 126-132 '60

ARMENIA—FOOD INDUSTRY

Work days of the scientific technical society. A. Zorabian, E Khlebunova. Prom. Arm 4 no.6:64-66 Je '61

ARMENIA—GYPSUM

Outlook for the production of gypsum in Armenia. O Martirosian Prom Arm 4 no.5 15-20 My '61

ARMENIA—HISTORY

"Persian documents of the Matenadaran" Vol. 2: Decrees Reviewed by M I Arunova, K. Z Ashrafian. Nar Azii i Afr no 2:211 '61

ARMENIA—HYDROELECTRIC POWER STATIONS

Automatic regulation of the power of a hydroelectric power station in the Armenian electric power system according to watercourse conditions. L. Khurshudian. Prom.Arm. 4 no.8.31-37 Ag '61.

ARMENIA—INDUSTRIAL BUILDINGS

Green light to the construction of industrial buildings. A. Shkulev. Prom. Arm. 4 no.6:10-13 Je '61

Improve the work of designing and planning organizations. L. Erzinkian. Prom. Arm. 4 no.8.5-7 Ag '61.

ARMENIA—INDUSTRIAL MANAGEMENT

Specialization and cooperation of the industries of the Armenian Economic Council. A. Saiadian. Prom. Arm. 4 no.8:8-11 Ag '61.

Technical assistance to basic plants. Prom. Arm. 4 no.8:86 Ag '61.

ARMENIA—INDUSTRIES—FINANCE

Improving the utilization of working capital. M. Mirzabekian, Sh. Nazarian. Prom. Arm. 4 no.8:27-31 Ag '61.

ARMENIA—LABOR AND LABORING CLASSES

Heroic weekdays ("Armenian workers during the last 40 years" by A. K. Grigorians). Reviewed by L Shakhkamian. Prom. Arm 4 no. 5, 79-80 My '61.

ARMENIA—LEATHER INDUSTRY

Use of latex in the leather industry. S. Kasparianz, M. Kirakosianz. Prom. Arm. 4 no. 6:38-40 Je '61

ARMENIA—MANUFACTURES

Expand the assortment, improve the quality of recreation and household goods. S. Safarian. Prom. Arm. 4 no. 6:7-10 Je '61.

ARMENIA—MANUFACTURES—QUALITY CONTROL

The improvement of the quality of consumer goods is on the agenda. Prom. Arm. 4 no.8:81-82 Ag '61.

ARMENIA—PERLITE (MINERAL)

Outlook for the development of porous perlite production in Armenia L Zakharov Prom Arm 4 no 6 14-18 Je '61

ARMENIA—PRECAST CONCRETE

Efficiency of using precast reinforced concrete in agricultural building E Seferov Prom Arm 4 no 6 24-27 Je '61.

ARMENIA—PRINTING INDUSTRY

Printing establishments are needed by Armenian industries V Skobelkin Prom. Arm 4 no 5 71-74 My '61

ARMENIA—PUMICE

Using lithoidal pumices of the Lusavan deposit as raw material for founding bottle glass M Manukian and others Prom Arm 4 no 5 12-15 My '61

ARMENIA—RAILROADS, INDUSTRIAL

Efficiency of the consolidation and cooperation of transportation units in Armenian enterprises I Abramian Prom. Arm. 4 no.5 31-34 My '61

ARMENIA—RESEARCH, INDUSTRIAL

In the Republican House of Technology Prom Arm 4 no 5 77-78 My '61.

Toward new achievements of the scientific technical societies of Armenia. Prom. Arm. 4 no.8 69-70 Ag '61.

ARMENIA—SCIENCE

Ambartsumian, V.A. [Science in Armenia during the past 10 years] Nauka v Armenii za 40 let Erevan, Izd-vo AN Armianskoi SSR, 1960. 73 p.

ARMENIA—SHOE INDUSTRY

Potentialities for increasing labor productivity in Armenian shoe industry G Khachatrian Prom Arm 4 no 5 27-30 My '61

ARMENIA—SHOE MANUFACTURE

Using capron in the shoe industry. A.Chakholian. Prom Arm. 4 no.8.63-65 Ag '61.

ARMENIA—SOLAR RADIATION

Solar energy estimates in Armenia. IA A Ibadinskii Trudy Tbil NIGMI no. 7 49-70 '60.

ARMENIA—TECHNICAL SOCIETIES

Work days of the scientific technical society A Zorabian, E. Khlebunova. Prom Arm 4 no. 6:64-66 Je '61

ARMENIA—TECHNOLOGICAL INNOVATIONS

Highly recommended experience. Prom. Arm. 4 no.8 81 Ag '61.

More attention to the initiative of workers in the fight for technical development G. Pakhlevanian. Prom. Arm. 4 no 5 6-9 My '61.

Toward new achievements in the Armenian industry. Prom Arm 4 no 5: 71-73 My '61

ARMENIA—TECHNOLOGY—PERIODICALS

Conference of readers of the periodical "Promyshlennost Armenii" Prom Arm. 4 no 6:74-75 Je '61

ARMENIA—TELECOMMUNICATION

Following-up decisions of a conference. Prom Arm 4 no. 5:62 My '61

ARMENIA—TEXTILE INDUSTRY—MANAGEMENT

Utilization of the potentialities of working time in the textile industry in Armenia. A. Avanesian. Prom. Arm. 4 no.8:23-26 Ag '61.

ARMENIA—VOLCANOES

Some features of the upper Cretaceous volcanism of northern Armenia A Kh. Mnatsakanian Izv. AN Arm SSR Geol i geog. nauki 14 no 3 25-36 '61

ARMENIAN LANGUAGE—GRAMMAR

Garibian, A. [Armenian language; grammar and spelling] Armianskii iazyk; grammatika i pravo-pisanie. Uchebnik dlia 2-go klassa. Izd.7. Erevan, Armgiz, 1960. 94 p.

Garibian, A.S. [Brief course in the Armenian language for self instruction] Kratkii kurs armianskogo iazyka na pravakh samouchitelia. Izd.3. Erevan, Armuchpedgiz, 1960. 389 p.

ARMENIAN LITERATURE—HISTORY AND CRITICISM—BIBLIOGRAPHY see Bibliography—Armenian literature—History and criticism

ARMIES see also subdivision 'Army' under Russia

AROMATIC COMPOUNDS—SPECTRA

Vibration spectra of aromatic compounds. Part 8 Characteristic vibrations of 1, 2-o-disubstituted benzenes A M. Bogomolov. Opt i spektr 10 no. 3 322-327 Mr '61.

Vibration spectra of aromatic compounds. Part 9. Theoretical calculation of the intensities in the infrared spectra of benzene and certain deuterated benzenes. M. A Kovner, B. N Snegirev. Opt. i spektr. 10 no. 3: 328-334 Mr '61

AROMATIZATION

Absorption band frequencies and intensities of monosubstituted benzenes in the region of the valence oscillations of C - H arom bonds. M P. Lisitsa, I N Khalmanova Opt i spektr 11 no 2 185-191 Ag '61

ARRHYTHMIA

Effect of ajmaline on auricular and ventricular arrhythmias in dogs [with summary in English] F I Gendenshtein Biul. eksp biol i med 51 no 1 71-75 Ap '61

Results of treating of individual disorders in cardiac rhythm with quinidine, quinine bromide and novocainamide I M Arrigoni Klin. med. no. 7 91-95 '61.

ARSENIC HALIDE

Distribution of hydrohalic acids and arsenic halides in the system water - organic solvent F. G. Zharovskii, V. A Litvinenko. Zhur neorg. khim 6 no 8 1910-1943 Ag '61.

ARSON

Indulgence to the perpetrators of vicious criminal offenses B Abraimov Sots zakon 36 no 9 68 S '61

ARSONIUM COMPOUNDS

Separation of quaternary arsonium compounds into optical antipodes by asymmetric adsorption on natural dissymmetric adsorbents G. Kh Karnal and others Dokl AN SSSR 139 no 5 1112-1113 Ag '61

ART

(see also subdivision under Communist Countries, Germany, East)

Brief notes. Iskusstvo 24 no. 7:73-76 '61.

Kornilovich, K. [Chronicles of Russian art, Famous monuments of our ancient architecture, painting, books, jewelry, and their creative masters] Iz letopisi russkogo iskusstva; O proslavlennykh pamiatnikakh nashego drevnego zodchestva i zhivopisi, knizhnogo i iuvelirnogo dela i o sozdavavshikh ikh iskusnykh masterakh. Leningrad, Gos. izd-vo "Iskusstvo," 1960. 203 p. (Rasskazy ob iskusstve)

Propagandizing art is an important tool for the aesthetic education of the people. E. Belashova. Iskusstvo 24 no. 7:5-6 '61.

ART—CATALOGS

[Chronicle of fine arts.] Let. izobr. isk. no. 3 '61.

ART—EXHIBITIONS see subdivision under Moscow

ART—HISTORY

Brief news. Vest. ist. mir kul't. no. 4:168 Jl-Ag '61

ART—PERIODICALS

Looking over foreign periodicals. Iskusstvo 24 no. 7: 71-72 '61.

ART—STUDY AND TEACHING

Orlovskii, G. I. [Art education of a drawing teacher] O khudozhestvennom obrazovanii uchitelia risovaniia, iz opyta raboty. Leningrad, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 163 p.

ART, ABSTRACT

Mozhitagun, S. E. [Abstractionism is the destruction of aesthetics] Abstraktsionizm-razrushenie estetiki. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 221 p.

ART, CHINESE—BIBLIOGRAPHY see Bibliography—Art, Chinese

ART, MOHAMMEDAN

Veimarn, B. V., T. P. Kaptorova, and A. G. Podol'skii. [Art of the Arab peoples; the medieval period] Iskusstvo arabskikh narodov; srednevekovyi period. Moskva, Gos. izd-vo "Iskusstvo," 1960. 197 p. (Ocherki istorii i teorii izobrazitel'nykh iskusstv)

ART, WHITE RUSSIAN

"The art of Soviet White Russia." Reviewed by L. Drobau. Belarus' 18 no. 9:30 S '61.

ART GALLERIES AND MUSEUMS

(see also subdivision under Erivan; Leningrad; Odessa)

Activities of art museums in the U. S. S. R. Iskusstvo 24 no. 7:79 '61.

ART SCHOOLS see subdivision under Kharkov

ARTEM ISLAND—PETROLEUM—OPTICAL PROPERTIES

Study of the optical activity of oils from Artem Island. I. S. Sattar-Zade. Azerb neft. khoz. 40 no. 6 37-39 Je '61.

ARTERIES

Muscle proteins in vascular walls and change in the amount in hypertension [with summary in English] V. A. IUr'ev Biul. eksp. biol. i med 51 no. 5:59-63 My '61.

ARTERIES—DISEASES

Volevich, R. V. [Nodular periarteritis] Uzelkovyi periarteriit. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 245 p.
(DNLM)

ARTERIOSCLEROSIS

Akademiia meditsinskikh nauk SSSR, Moscow. Institut terapii. [Atherosclerosis and myocardial infarct, transactions of the Ninth session of the Institute of Therapy jointly with the Department of Pathology Anatomy of the Institute of Experimental Medicine, February 3-5, 1958] Ateroskleroz i infarkt miokarda Trudy IX nauchnoi sessii Instituta terapii sovmestno s Otdelom patologicheskoi anatomii Instituta eksperimental'noi meditsiny, 3-5 fevralia 1958 g. Pod red. N. N. Anichkova i A. L. Miasnikova. Moskva, Medgiz, 1959. 313 p.
(DNLM)

Characteristics of arterial reactivity in reversed development of experimental cholesterol atherosclerosis in dogs A N Fedoseev Dokl AN SSSR 139 no 5 1262-1265 Ag '61

Il'inskii, B. V. [Atherosclerosis; problems in etiology and pathogenesis and their application to the clinical aspects] Ateroskleroz, voprosy etiologii i patogeneza i pritozhenie ikh k klinike. Leningrad, Medgiz, 1960. 332 p.
(MnU)

Problem of the effect of neural regulation of the liver on the course of experimental atherosclerosis [with summary in English] L. E Ganelina. Biul eksp biol i med. 51 no 4 46-51 Ap '61

Study of some histochemical characteristics of the aortic wall in experimental atherosclerosis N M Patkanadze Soob AN Gruz SSR 26 no 4 485-492 Ap '61

ARTESIAN WELLS

Automation of the pumping operation of an artesian well. A M Samokhvalenko Kons i ov prom 16 no 6 16-19 Je '61

Calculating the discharge of interacting pressure wells with a "floating" filter E F Drondin Izv vys ucheb zav., stroi i arkhit 4 no. 3 98-102 '61

Using asbestos cement pipes to line artesian wells. P. A Anatol'evskii Mont i spets. rab. v stroi 23 no. 8 20-21 Ag '61

Water from artesian wells for irrigating the semidesert zone of Kazakhstan [with summaries in English, German, and French]. IU. I. Kirillov and others. Vest. sel'khoz. nauki 6 no. 8:90-98 Ag '61.

ARTESIAN WELLS—EQUIPMENT AND SUPPLIES

Portable unit for installing artesian well pumps V. G Dovbysh Mont i spets rab. v stroi. 23 no. 8 18-19 Ag '61.

ARTHRITIS

Morphological changes in experimental polyarthritis induced in white rats by β-hemolytic Streptococcus A [with summary in English]. P V. Smirnov, L. V. Beletskaia, N. A Borodiiuk Arkh pat. 21 no 9:16-21 '59

ARTHRITIS, RHEUMATOID

Current possibilities in the treatment of deforming arthroses P F Motzen. Ortop., travm. i protez. no 5,69-75 '61.

ARTHROSIS DEFORMANS see Arthritis, Rheumatoid

ARTIFICIAL HORIZONS see Horizons, Artificial

ARTIFICIAL ISLANDS

Results of the contest on offshore structures. Azerb neft. khoz 39 no. 1.17 Ja '60

ARTIFICIAL KIDNEY

Apparatus of life. Moskva 5 no. 8:196 '61.

ARTIFICIAL LEATHER see Leather, Artificial

ARTIFICIAL LIMBS

Prosthesis for a patient following avulsion of the right upper extremity with the scapula A E. Kalnina, S. IA. Gumilovskaia Ortop., travm i protez. no. 5:56-58 '61.

Prosthetic method in lateral deformities of the leg stump. M. S Pevzner, V A. Bankin. Ortop., travm i protez no. 5:17-22 '61.

ARTIFICIAL SATELLITES

Aleksandrov, S. G., and R. E. Fedorov. [Soviet satellites and spaceships] Sovetskie sputniki i kosmicheskie korabli. Izd. 2. dop. i perer. Moskva, Izd-vo Akad. nauk SSSR, 1961. 439 p. (Nauchno-populiarnaia serila)

Distance for the gliding of a winged aircraft moving with cosmic speeds. F. G. IAsinskii Izv. vys. ucheb zav.; av. tekh. 4 no. 3:31-37 '61.

Symposium "Optical and radio observations of artificial satellites." A. A. Blagonravov. Vest. AN SSSR 31 no. 8:97-99 Ag '61.

ARTIFICIAL SATELLITES—MODELS

Flying model of a satellite on a cord. G. Dragunov. Znan. ta pratsia no. 8:30-31 Ag '61.

ARTIFICIAL SATELLITES—ORBITS

Determining the orbit of an artificial satellite. A. B. Palei Fiz v shkole 21 no 3:81-82 My-Je '61

ARTIFICIAL SATELLITES IN TELECOMMUNICATION

Space communication in action. G. Rapoport. Znan. ta pratsia no. 10 10-11 O '61.

ARTILLERY

Around us. Ogonek 39 no. 26:25 Je '61

Artillery support of a forcing operation N Menshenkov. Voen. vest. 41 no 5:14-17 My '61

Several specimens of Russian medieval artillery A. N Kirpichnikov, I. N. Khlopin. Sov. arkheol. 5 no 3:233-240 '61.

ARTILLERY—PROBLEMS, EXERCISES, ETC.

Battery supports the forcing of a river from the march. M Pankov Voen. vest. 41 no 5 87-91 My '61

Determination of the geographical coordinates of a point by means of a plotting scale B Rokov Voen. vest 41 no 5 91-94 My '61

Fire by direct laying on targets above water. I. Zaitsev. Voen vest 41 no. 5:113-115 My '61

Military training competitions. I. Nikolaev, G. Deviatov. Voen vest. 41 no. 5, 84-86 My '61.

Preparation of firing data from closed fire positions. A. Volontsevich Voen vest. 41 no 5 111-113 My '61

ARTISANS see subdivision under Great Britain, India, Kazakhstan

ARTISTS—CORRESPONDENCE, REMINISCENCES, ETC

Kardovskii, D. N. [Dmitrii Nikolaevich Kardovskii on art, reminiscences, articles, letters] Dmitrii Nikolaevich Kardovskii ob iskusstve, vospominaniia, stat'i, pis'ma. Moskva, Akad. khudozh. SSSR, 1960. 338 p.
(MH)

ASBESTOS CEMENT

House with walls made of asbestos cement panels A. Voinov, G. Madalinskii A Zhigal'skii Zhil. stroi. no 7:16-19 Jl '61.

How to build an asbestos cement roof G. Blok, A. Litvinov Stroitel' no 7 29-30 Jl '61

In an asbestos cement products laboratory. Na stroi. Ros. no 7 2 of cover Jl '61.

Quantity of new fasteners needed for corrugated asbestos cement sheets. Biul stroi. tekh 18 no. 8 23 Ag '61

Redesigning the SM-550 unit for cleaning and oiling metal linings G. S. Baibak Stroi mat 7 no. 8 32 Ag '61

Temporary interrepublic technical specifications for devices used in fastening deeply corrugated asbestos cement sheets Biul stroi. tekh. 18 no. 7 10-12 Jl '61.

Use of clamps in the assembly of asbestos cement panels V. P Galani, L. I Pashenin Stroi. truboprov 6 no 7 20-21 Jl '61

ASCARIDS AND ASCARIASIS

Amount of antiascarid antibodies in serum globulin fractions of rabbits with pulmonary ascariasis M V Dalin Dokl. AN SSSR 139 no. 5 1254-1257 Ag '61.

ASCORBIC ACID

Species differences in carbohydrate and ascorbic acid metabolism disorders in rodents with plague intoxication [with summary in English] A. G. Kratinov, N. M Khar'kova Biul eksp biol i med 51 no 5 63-67 My '61

ASH (TREE)

Calcium oxalate in the wood of common ash (Fraxinus excelsior L.). V. A. Palandzhian. Izv. AN Arm. SSR, Biol. nauki 14 no. 6:85-90 '61.

ASHKHABAD—RESTAURANTS, LUNCHROOMS, ETC.

Bright and dark sides of the restaurants of Ashkhabad. G. Orkin. Obshchestv. pit. no. 7:23-24 Jl '61.

ASHKHABADSKIY DISTRICT—FORAGE PLANTS

Experimental seeding of forage crops in Ashkhabadskiy District. S O Ovezmuradov. Izv. AN Turk. SSR Ser biol. nauk no. 1, 35-41 '61.

ASIA—FOREIGN RELATIONS—RUSSIA

"The aroused East; notes of Soviet journalists on N. S. Khrushchev's visit to India." Reviewed by I IA. Podkopaev Nar. Azii i Afr no 2:159-161 '61.

ASIA—GEOGRAPHY

"Reader on physical geography; non-Soviet Asia" by N. A. Gvozdetskii, IU. K. Efremov, I. V. Kozlov. Reviewed by G. A. Belosel'skaia. Geog v shkole 24 no. 5:86-87 S-O '61.

ASIA—HISTORY

Guber, A. A., and A. N. Kheifets. [Modern history of the foreign countries of the East, a textbook for teachers colleges] Novaia istoriia stran zarubezhnogo Vostoka, uchebnik dlia pedagogicheskikh institutov. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 241 p.

ASIA—LAND TENURE

Agrarian reforms in the countries of the Near and Middle East, India and Southeastern Asia [with summary in English, p 242] R A Ulianovskii Nar Azii i Afr no 2:14-30 '61

ASIA—MONSOONS

Effect of thermal factors on the development of summer monsoons in eastern Asia O G Sorochan Trudy GGO no 122 3-11 '61

ASIA—POLITICS

"Lenin and the East; collected articles"; "Lenin the great friend of the peoples of the East" by A N Kheifets Reviewed by B Mikhailov Nar Azii i Afr no 2 151-158 '61

Shabad, B. A. [Ideological foundations of present-day colonialism] Ideologicheskie osnovy sovremennogo kolonializma. Moskva, Izd-vo vostochnoi lit-ry, 1961. 102 p.

Soikin, G. Z. [The First Congress of Oriental Peoples] Pervyi s"ezd narodov Vostoka. Moskva, Izd-vo vostochnoi lit-ry, 1961. 78 p

ASIA, CENTRAL—DESCRIPTION AND TRAVEL

Shneiderov, V. A. [Under the sky of ancient deserts] Pod nebom drevnikh pustyn'. Moskva, Gos. izd-vo detskoi lit-ry M-va prosv. RSFSR, 1961. 221 p.

ASIA, CENTRAL—DIKES (GEOLOGY)

Some examples of the analysis of the age relationship between postore dikes and quartz veines A D Kalenov Trudy IGEM no 41:189-193 '61.

ASIA, CENTRAL—GAS, NATURAL—GEOLOGY

Geology of intermontane troughs in Central Asia and their oil and gas potentials Pan Chzhu-Sian, G.E Riabukhin Izv vys ucheb zav , geol i razv 4 no 7 3-21 Jl '61

ASIA, CENTRAL—METEOROLOGY

Correlation between the wind velocity and the relative geopotential of certain isobaric surfaces in the free atmosphere over Central Asia Kh. Khafizov Izv AN Uz SSR Ser fiz -mat nauk 3,76-82 '61.

ASIA, CENTRAL—PALEONTOLOGY

In Central Asia. A.K. Rozhdestvenskii. Vest AN SSSR 31 no.8:85-90 Ag '61

ASIA, CENTRAL—PETROLEUM GEOLOGY

Geology of intermontane troughs in Central Asia and their oil and gas potentials Pan Chzhu-Sian, G E Riabukhin Izv vys ucheb zav , geol. i razv 4 no 7 3-21 Jl '61

ASIA, CENTRAL—QUARTZ

Some examples of the analysis of the age relationship between postore dikes and quartz veines A. D. Kalenov Trudy IGEM no. 41:189-193 '61.

ASIA, SOVIET CENTRAL see Soviet Central Asia

ASSEMBLY-LINE METHODS

(see also subdivision under Saratov)

Assembly-line work and wage payment systems. V. Spirova and others Sots trud 6 no 8,105-115 Ag '61

Automation of assembly lines for low-power electric motors. E. Adzhemian, G. Tarasova. Prom. Arm. 4 no.8:37-40 Ag '61.

New machines, machine units and continuous production lines for textile finishing S L Sibirtsev. Tekst prom 21 no 7 45-48 Jl '61

ASSEMBLY-LINE METHODS—TECHNOLOGICAL INNOVATIONS see subdivision under Moscow

ASTRAKHAN PROVINCE—POULTRY HOUSES AND EQUIPMENT

Frame and read building for waterfowl. A. Makarov. Sel'. stroi. 16 no 7 4-5 Jl '61

ASTRAKHAN PROVINCE—VEGETABLE GARDENING

Worthy welcome to the 22d Congress of the CPSU. T. F. Voronov. Kons. i ov. prom. 16 no. 9:7-8 S '61

ASTRONAUTICS

Address of the Central Committee of the CPSU, the Presidium of the Supreme Council of the U S S R and of the Government of the Soviet Union. Sov. shakht. 10 no 8 1-2 Ag '61.

Announcement of the Central Committee of the CPSU, the Presidium of the Supreme Soviet of the U. S S R , and the Government of the Soviet Union. Voen vest 41 no. 5:3-4 My '61

Appeal of the Central Committee of the CPSU, Presidium of the Supreme Soviet of the U S S R , and the government of the Soviet Union Fiz v shkole 21 no 2:1-2 Mr-Ap '61

Appeal of the Central Committee of the CPSU, Presidium of the Supreme Soviet of the U. S. S. R , and the Government of the Soviet Union Sov pedag 25 no 3 3-4 Ag '61

First flight of man into outer space. Vest. Vozd Fl. no 5 6-14 My '61.

First 24 hours in space. Nauka i zhizn' 28 no. 8:4-5 Ag '61

Gagarin, IU. A. [Road to outer space; story of the Soviet pilot-astronaut] Doroga v kosmos; rasskaz letchika-kosmonavta SSSR. [Moskva] Izd-vo "Pravda," 1961. 173 p.

Great event in the history of humanity Tyl i snab. Sov. Voor. Sil 21 no. 5 3-5 My '61.

Great victory in outer space Znan. sila 36 no. 8:1 Ag '61

He came back! S. Beglov. Ogonek 39 no. 33:25 Ag '61.

Historical flight dedicated to the 22d Congress of the CPSU. V. V. Bazykin. Mat. v shkole no. 4 3-8 Jl-Ag '61.

In the name of science, native land, and progress of the humanity. Priroda 50 no.9:75 S '61.

Into the spaces of the universe. V. V. Dobronravov. Vest. Vozd. Fl. no. 6 8-12 Je '61.

Kaznovskii, V. P. [Space rockets] Kosmicheskie rakety. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 122 p. (Biblioteka shkol'nika)

Man strives to conquer outer space. V Komarov. Sov. shakht. 10 no. 8:42-44 Ag '61.

Nature of gravitation and weightless rockets. V. I. Cherednychenko Nauka i zhyttia 10 no. 3 9-13 Mr '60

[New flight into space!] Novyi polet v kosmos! Moskva Voen. izd-vo M-va obor. SSSR, 1961. 76 p. (Za nashu Sovetskuiu Rodinu)

New unprecedented triumph of the Soviet people, Soviet science and technology! Vnesh. torg. 41 no 8:2a-2b '61

New ways to the stars. V. Komarov Sem'ia i shkola 16 no. 7,7-9 Jl '61.

Nikita Sergeevich Khrushchev's speech on April 14th in the Red Square. Sem'ia i shkola 10 no. 6:1-5 Je '61

One more victory of Soviet science and technique; unprecedented flight of the cosmonaut G.S Titov around the globe in the spaceship "Vostok-2." Priroda 50 no.9:9-10 S '61.

Path to outer space is paved. A. Nikolaev. Voen. vest. 41 no. 5:8-10 My '61

"Road into space" by IUrii Gagarin. Reviewed by K. Pozdniaev. Oktiabr' 38 no. 9:214-215 S '61.

Road to the stars. A. Blagonravov. Znamia 31 no.9: 21-30 S '61.

"Seminar" of an astronaut. Nauka i zhizn' 28 no. 7:52-53 Jl '61.

[Soviet man in space] Sovetskii chelovek v kosmose; sbornik. Moskva, Izd-vo "Znanie," 1961. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 9, Fizika i khimiia, no. 9)

Space speeds. P. K. Isakov. Nauka i zhyttia 10 no. 3: 14-17 Mr '60.

Sparkling orbits. Vadim Kozhevnikov. Ogonek 39 no. 33:1, 4 Ag '61.

Thoughts about the flight of IU. O. Gagarin. O. F. Makarchenko. Nauka i zhyttia 11 no 7:11-13 Jl '61.

To all scientists, engineers, technicians, and workers, to all groups and organizations, taking part in the successful accomplishment of the first manned cosmic flight on the ship-satellite "Vostok," and to the first Soviet cosmonaut Comrade IUrii Alekseevich Gagarin. Fiz. v shkole 21 no. 2:3 Mr-Ap '61

Toward other planets. K. G. Mikhailov. Vest. Vozd. Fl. no. 7:20-24 Jl '61.

Triumph of unity between party and science. A. V. Topchiev. Ogonek 39 no. 26:5 Je '61.

TSesevich, V. P. [The path into space is open!] Put' v kosmos otkryt. Pod red. A. F. Bogorodskogo. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 29 p.

Twenty-five hours in space. IUn. nat. no. 8 4 S '61.

Unequaled heroism. Fiz. v shkole 21 no. 2:4-7 Mr-Ap '61

Unprecedented achievement. Vest protivovozd obor. no 9 8 S '61.

What I saw and how I felt in space, the story of pilot-cosmonaut G.S. Titov. Priroda 50 no.9:75-77 S '61.

Will astronauts of the future need a magnetic compass? Nauka i zhizn' 28 no 7:83 Jl '61

ASTRONAUTICS, MILITARY see subdivision under United States

ASTRONAUTS

Seven hundred thousand kilometers in 25 hours. Znan. ta pratsia no 9 1 S '61

ASTRONOMICAL CLOCKS

Using a quartz oscillator and the synchronous motor of a recording chronograph as a clock mechanism for parallactic mountings [with summary in English] A. A. Latypov, I. G. Uatlmenko. Astron. zhur. 38 no 4 772-773 Jl-Ag '61.

ASTRONOMICAL INSTRUMENTS

The KIM-3 measuring instrument E. IA. Rugeviavskaia, B. I. Kozarenko. Trudy GAISH 30 161-180 '61

ASTRONOMICAL MODELS

Shock waves in the atmosphere of RR Lyrae [with summary in English]. R. S. Ioshnikov. Astron zhur. 38 no 4 623-633 Jl-Ag '61.

ASTRONOMICAL PHOTOGRAPHY

Determining the optical center of a plate. E. IA. Rugevlavskaia Trudy GAISH 30 192-195 '61.

ASTRONOMICAL PHOTOMETRY see Photometry, Astronomical

ASTRONOMICAL REFRACTION see Refraction, Astronomical

ASTRONOMY

Perel'man, IA. I. [Entertaining astronomy] Zanimatel'naia astronomiia. Izd. 10. Pod red. P. G. Kulikovskogo. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 311 p.

This is going to be an interesting collection! A. A. Mikhailov. Nauka i zhizn' 28 no. 8:70 Ag '61

"Vistas in astronomy" [in English]. Vol. 3. Reviewed by A. A. Boiarchuk and others. Astron. zhur. 38 no. 4. 777-782 Jl-Ag '61.

ASTRONOMY—ABSTRACTS

[Astronomy and geodesy.] Ref. zhur.: Astron. i geod. no. 9 S '61.

ASTRONOMY—BIBLIOGRAPHY see Bibliography—Astronomy

ASTRONOMY—OBSERVATIONS

Astronomic observations in schools for the 1961-1962 school year. P. I. Popov. Fiz. v shkole 21 no 3:49-54 My-Je '61.

Astronomical observations in October. M. M. Dagaev. Priroda 50 no. 9:127-128 S '61.

ASTRONOMY—STUDY AND TEACHING

Astronomy program for general secondary technical schools with vocational instruction Fiz. v shkole 21 no. 3:55-57 My-Je '61.

Grading the students' knowledge in astronomy. A. A. Kurlaeva. Fiz. v shkole 21 no 3:79 My-Je '61

ASTRONOMY, SPHERICAL AND PRACTICAL

Kulikov, K. A. [Course in spherical astronomy] Kurs sfericheskoi astronomii. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 174 p.

Method for simultaneous determination of approximate values of azimuth, latitude, and chronometer correction from observations of two stars. L. S. Chernukhin. N. S. Il'in. Trudy OmSKhI 42 no. 2:63-68 '60.

ASTROPHYSICS

"Scientific works in two volumes" by V. A. Ambartsumian. Reviewed by K. F. Ogorodnikov. Vest. AN SSSR 31 no. 8:135-138 Ag '61.

Small bodies and the problems of planets. S. K. Vsekhsviatskyi. Nauka i zhyttia 11 no. 7:18-21 Jl '61

ASTROPHYSICS—BIBLIOGRAPHY see Bibliography—Astrophysics

ASYMPTOTES

Quasi-classical asymptotic solutions of certain problems of mathematical physics V. P. Maslov. Zhur. vych. mat. i mat. fiz. Ja-F '61.

Short-wave asymptotic expressions for Green's functions of a paraboloid of revolution (axisymmetric case). V. I. Ivanov. Zhur. vych. mat. i mat. fiz. 1 no. 1:90-104 Ja-F '61.

ASYNCHRONOUS ELECTRIC MOTORS see Electric motors, Induction

ATERK—COINS

The treasure of Aterk. A. M. Radzhabli. Dokl. AN Azerb. SSR 17 no. 6 547-551 '61

ATHEISM

(see also subdivision under Kirovograd Province; Turkmenistan)

Dolgikh, F. I., and A. P. Kurantov. [Communist education and the overcoming of religious vestiges] Kommunisticheskoe vospitanie i preodolenie religioznykh perezhitkov. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 90 p. (Nauchno-populiarnaia biblioteka)

"For militant atheism." Reviewed by V. Kulyk. Nauka i zhyttia 10 no. 3 56-57 Mr '60.

From the religious darkness to sunshine ("They disavowed religion" by R. Mokhortov, L. Vasyl'iev, R. Bagmut. Reviewed by B. Rogoza). Znan. ta pratsia no. 8 14-15 Ag '61.

Give constant attention to the promotion of atheism. K. Petrosov. Komm. Vooruzh. Sil 1 no. 5 41-49 D '60

Guides for the promoters of atheism ("Companion of an atheist." Reviewed by P. Kamenev). Nauka i zhyttia 10 no. 3 55-56 Mr '60

Soviet science is a powerful weapon in the struggle against religion and idealism [in Uzbek with summary in Russian]. Kh. Gizitdinov. Obshchestv. nauki v Uz. no. 6 16-21 '61.

ATHEISM—STUDY AND TEACHING

Atheistic education of students in primary grades. K. P. Kindrat. Nar. shk. 40 no. 7 65-68 Jl '61

Atheistic training of students during lessons on the topic "Arabs in the 6th-11th centuries." Z. Akhmerov. Prep. ist. v shkole 16 no. 5 72-75 S-O '61.

Use of physical experiments in antireligious work among the population. S. I. Ilyrov. Fiz. v shkole 21 no. 3 84-85 My-Je '61

ATLANTIC OCEAN—COPEPODA

Water masses and plankton. Report No. 1: Calanus finmarchicus s. l. species as indicators of definite water masses [with summary in English]. V. A. Ushakov. Zool. zhur. 40 no. 9 1314-1334 S '61.

ATLANTIC OCEAN—HERRING

Relationship between variations in the number of pyloric appendages in different forms of the Atlantic herring and the abundance of available food. A. V. Chepurnov. Trudy sov. ikht. kom. no. 13 353-354 '61

Some characteristics of growth in length in the Atlantic-Scandinavian herring in summer. D. A. Shubnikov. Trudy sov. ikht. kom. no. 13 303-306 '61.

ATLASES

New school atlases. P. M. Kozlov. Geog. v shkole 24 no. 4 20 Jl-Ag '61.

ATMOSPHERE

Energy spectrum and total number of low-energy photons in cosmic rays in the stratosphere [with summary in English]. A. N. Charakhchian, T. N. Charakhchian. Zhur. eksp. i teor. fiz. 40 no. 6 1602-1605 Je '61.

ATMOSPHERIC ELECTRICITY

Aerosol theory of atmospheric electricity. V. I. Kraav. Trudy GGO no. 120 73-77 '61.

ATMOSPHERIC PRESSURE

Comparative evaluation of some methods for determining the barofunction of the ear. P. I. Kalinin. Voen.-med. zhur. no. 5 76-77 My '61

ATMOSPHERIC PRESSURE—PHYSIOLOGICAL EFFECT

Hemodynamic studies during the respiration under excessive pressure [with summary in English]. Iu. A. Vlasov. Biul. eksp. biol. i med. 51 no. 4 22-27 Ap '61

ATMOSPHERIC TEMAPERATURE

(see also subdivision under Armenia; Kara Sea region, White Russia)

Mean monthly air temperatures of various reliability in the European part of the U. S. S. R. A. N. Lebedev. Trudy GGO no. 123, 93-109 '61.

Principal characteristics of the distribution of atmospheric temperature during various seasons (in the 0-100 kilometer layer). V. R. Dubentsov. Meteor. i gidrol. no. 9 3-12 S '61.

Theory of diurnal humidity and air temperature variations in the lower atmospheric layer. M. E. Berland, I. I. Solomatina. Trudy GGO no. 123 62-69 '61.

ATMOSPHERIC TRANSPARENCY

(see also subdivision under Arctic regions; Leningrad Province)

Compensation photometer for accurate measurement and recording of atmospheric transparency. V. I. Goryshin. Trudy GGO no. 118 26-41 '61.

Experimental investigation of spectral transparency of the atmosphere. Iu. I. Rabinovich, L. N. Guseva. Trudy GGO no. 118 69-76 '61.

Vertical distribution of aerosol attenuation in the troposphere. Iu. I. Rabinovich. Trudy GGO no. 118 18-25 '61.

ATMOSPHERIC TURBULENCE

Method of detecting and forecasting zones of increased turbulence at high levels. M. V. Zavarina. Trudy GGO no. 123 119-126 '61.

ATOMIC BEAMS

Atomic beam as a light source for the study of gas spectra. V. I. Olintsov. Opt. i spektr. 10 no. 3 403-409 Mr '61

ATOMIC BOMB see subdivision under Hiroshima

ATOMIC BOMB—HISTORY

Jungk, Robert. [Brighter than a thousand suns; a personal history of the atomic scientists. Abridged translation from the English] IArche tysiach solnts; povestvovanie ob uchenykh-atomnikakh. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhniki, 1961. 279 p. (CU)

ATOMIC ENERGY—HISTORY

Jungk, Robert. [Brighter than a thousand suns; a personal history of the atomic scientists. Abridged translation from the English] IArche tysiach solnts; povestvovanie ob uchenykh-atomnikakh. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhniki, 1961. 279 p. (CU)

ATOMIC NUCLEI see Nuclei, Atomic

ATOMIC POWER—INTERNATIONAL CONTROL

Who is interfering? V. Emel'ianov. Nov. vrem. 10 no. 36 18-20 S '61.

ATOMIC POWER PLANTS see subdivision under United States

ATOMIC SPECTRUM see Spectrum, Atomic

ATOMIC THEORY

Quasi-classical theory of amorphous ferromagnetics. A. I. Gubanov. Fiz. tver. tela 2 no. 3 502-505 Mr '60.

ATOMIC WEAPONS—INTERNATIONAL CONTROL

Against the danger of the spread of atomic weapons. A. M. Kuzin. Vest. AN SSSR 31 no. 8 78-80 Ag '61

ATOMIZATION

Characteristics of the evaluation of the fineness of fuel atomization. L. V. Kulagin. Trudy TSNII MPS no. 214 103-114 '61

ATOMS

Calculation of nonrelativistic S-states of two-electron atoms and ions [with summary in English]. A. M. Ermolaev. Vest. LGU 16 no. 16, 19-33 '61

Concept of atom structure taught in the secondary school physics course. Iu. P. Avotin. Dokl. APN no. 1 25-27 '61.

Distribution of atoms at excited levels in an arc at low pressure. I. M. Belousova, D. B. Gurevich. Opt. i spektr. 10 no. 3 410-412 Mr '61

Effect of an electric field on the temperature threshold of the appearance of positive ions in the surface ionization of atoms. E. IA. Zandberg. Zhur. tekh. fiz. 30 no. 2 206-215 F '60.

Electronic polarizability and diamagnetic susceptibility of neutral atoms in the Thomas-Fermi model [with summary in English]. T. Titts. Zhur. eksp. i teor. fiz. 40 no. 6 1699-1704 Je '61

ATROPINE

Use of gastripon in gastrointestinal diseases. G. N. Karapetian, A. M. Vecher. Klin. med. no. 7 53-56 '61.

ATTENTION

Research on the correlation between transference and distribution of attention. K. K. Platonova, A. A. Topornina. Dokl. APN no. 1 87-88 '61.

AUDIO-VISUAL EQUIPMENT

Pictures and tables for elementary grades. Geog. v shkole 24 no. 5 48 S-O '61.

AUDITING see subdivision under Kishinev; Vladimir Province; Volgograd Province

AUREOMYCIN

Some problems in the mechanism of action of biomycin (chlortetracycline). Report No. 1: Effect of chlortetracycline on rabbits of different ages in relation to the dose, length of use, and method of administration. I. S. Dergachev and others. Pediatriia no. 9 50-56 '61

AURORAS—RESEARCH

Research on night sky radiations and aurora borealis. A. V. Mironov. Vest. AN SSSR 31 no. 8 116-118 Ag '61.

AUSTRALIAN FOLK SONGS see Folk songs, Australian

AUSTRIA—COMMERCE—RUSSIA

Long-term contracts with the firm "Vest." A. Vyzhanov. Vnesh. torg. 41 no. 9 19 '61.

AUSTRIA—METALLURGICAL PLANTS

In Austria. A. Egorichev. Metallurg 6 no. 8 35-37 Ag '61.

AUSTRIA—VOCATIONAL EDUCATION

System of vocational education in Austria. M. Topaler. Prof.-tekh. obr. 18 no. 5 30-32 My '61

AUTHORS see subdivision under Ukraine, Western

AUTHORS, UKRAINIAN

Attempt to determine the author who used the pseudonym Kliryk Ostrozkyi. P. K. IAremenko. Nauk. zap. L'viv. derzh. ped. inst. 16 3-20 '60

AUTOMATIC CONTROL

Active control and its errors. V. L. Romanov. Vznim. i tekh. izm. v mashinostr., mezhvuz. sbor. no. 3 303-313 '61.

Akademiia nauk SSSR. Institut gornogo dela. [Mechanization and automatization in mining] Mekhanizatsiia i avtomatizatsiia v gornoi promyshlennosti, sbornik statei. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 348 p.

Automatic control for changing the direction of the flame in pot furnaces. M. A. Zezin, L. D. Rakov, N. T. Popov. Stek. i fark. 18 no. 8 15-22 Ag '61

Automatic control of boilers. P. G. Bogatin. Neftianik 6 no. 4 13-14 Ap '61

Automatic control of heat-treating furnaces on a programmed operation. L. M. Gel'fand, L. F. Linandes. Metallurg 6 no. 8 29-31 Ag '61.

Automatic control of machines for repeated drawing with the help of electric models. I. G. Grinman, N. I. Sakhipov. Trudy Inst. fiz. AN Kazakh. SSR 4 172-183 '61

Automatic control of the thickness of rubber sheets on calenders. IA. IA. Zil'vestr. I. M. Starov. Kauch. i rez. 20 no. 8 20-23 Ag '61.

Automatic control of thermal conditions in steel smelting arc furnaces. V. M. Vinogradov. Izv. vys. ucheb. zav., chern. met. 4 no. 7 180-191 '61.

Automatic control system of the depth of weld penetration in arc welding. A. I. Akulov, V. K. Isachenko. Svar. proizv. no. 8 23-25 Ag '61.

Automatic regulation of stripping columns by the flash point. R. B. Gun, A. L. Chaiko. Neftianik 5 no. 8 12-13 Ag '60.

Automatic regulation of the humidity of the air. I. I. Novikov, R. V. Ostrovskii. Poligr. proizv. no. 7 20-21 Jl '61.

Automatic regulation of the operation of a hydraulic piston pump. V. Pertsov. Neftianik 5 no. 8 20 Ag '60.

Automatic stress regulator for reinforcement. V. L. Pan'kov, E. G. Khaime. Bet. i zhel.-bet. no. 8 369-370 Ag '61

Automatic tensioning of belts. D. Sh. Gaziev. Neftianik 5 no. 6 18 Ag '60

"Automatically controlled die stamping equipment" by G. M. Rodov, I. M. Podkabinnik. Reviewed by S. L. Zlotnikov. Kuz.-shtam. proizv. 3 no. 8 45 Ag '61

Automation of the arc furnace in electric steel melting shops. B. S. Dobychin. Sbor. nats. predl. vnedr. v proizv. no. 5 17-19 '60

Automatization of operational procedures in railroad transportation. L. V. Zakis, V. A. Persianov, A. P. Poluektov. Zhel.-dor. transp. 43 no. 9 64-67 S '61

Blokh, Z. Sh. [Transient processes in linear automatic control systems] Perekhodnye protsessy v lineinykh sistemakh avtomaticheskogo regulirovaniia. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 402 p.

Borzov, K. V. [Control and measuring instruments used in mining] Kontrol'no-izmeritel'nye pribory, primeniaemye v gornodobyvaiushchei promyshlennosti. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 158 p.

Centrifugal separator for liquids with automatic control. V. A. Kuzin, N. P. Petrov. Khim. mash. no. 4, 5-8 Jl-Ag '61.

Closed circuit comminution control with a constant water consumption. M. N. Kazennov. Obog. rud 4 no. 2 32-36 '59.

Conditions of completeness for finite automatic systems. A. A. Letichevskii. Zhur. vych. mat. i mat. fiz. 1 no. 4 702-710 Jl-Ag '61.

Conference on the intensification and automation of firing in tunnel kilns. Stroi. mat. 7 no. 8 3 of cover Ag '61.

Conference on the mechanization, automatization, and introduction of new technical methods and equipment in the transportation and storage of petroleum and petroleum products. Neft. khoz. 39 no. 6 63-66 Je '61

Consumption control of the water fed to a classifier with a closed comminution circuit. E. L. Kritskii. Obog. rud 4 no. 2 37-39 '59

Dandurand, M. [Automatic control system of experimental nuclear reactors] Systemy avtomaticheskogo upravleniia eksperimental'nykh iaderaykh reaktorov. Moskva, 1960. 7 p. (International Federation of Automatic Control, 1st International Congress, Moscow, 1960 [Doklady, no. 38])

[MICROFILM]

Dependence of a relay control system with an unstable object on the dynamic parameters [with summary in English]. S. D. Kinlapin. Izv. vys. ucheb. zav.; radiofiz. 4 no. 1 151-164 '61.

AUTOMATIC CONTROL (Continued)

Designing of control circuits with contactless elements. IU. N. Ivenskii. Vest. elektroprom. 32 no. 8 41-44 Ag '61

Device for automatic control of textile-fabric dyeing. V. P. Balditsyn. Biul. tekh.-ekon. inform. no. 7:64-65 '61

Evaluating the efficiency of automatic control systems. L. N. Voronts ov. Vzaim. i tekh. izm. v mashinostr., mezhvuz. sbor. no. 3:379-385 '61

Experience in automating a waterside pumping house. V. F. Malov. Elek. sta. 32 no. 6:81-82 Je '61

Gille, J.-C., and P. A. Decaulne. [Concerning the stability of forced oscillations in nonlinear automatic control systems] Ob ustoichivosti vynuzhdennykh kolebanii v nelineinykh sistemakh avtomaticheskogo regulirovaniia. Moskva, 1960. 10 p. (International Federation of Automatic Control, 1st International Congress, Moscow, 1960 [Doklady, no. 41)]
[MICROFILM]

International Federation of Automatic Control, 1st International Congress, Moscow, 1960. [Proceedings] Trudy. Moskva, Izd-vo Akad. nauk SSSR.
[Vol. 1] [Theory of continuous systems. Specialized mathematical problems] Teoriia nepreryvnykh sistem. Spetsial'nye matematicheskie problemy. 1961. 754 p.

International Federation of Automatic Control, 1st International Congress, Moscow, 1960. [Proceedings] Trudy. Moskva, Izd-vo Akad. nauk SSSR.
[Vol. 3] [Statistical investigation methods. Theory of structures, simulation, terminology, and education] Statisticheskie metody issledovaniia. Teoriia struktur, modelirovanie, terminologiia, obrazovanie. 1961. 744 p.

International Federation of Automatic Control, 1st International Congress, Moscow, 1960. [Proceedings] Trudy. Moskva, Izd-vo Akad. nauk SSSR.
[Vol. 4.] [Equipment for automatic control] Tekhnicheskie sredstva avtomatiki. 1961. 895 p.

International Federation of Automatic Control, 1st International Congress, Moscow, 1960. [Proceedings] Trudy. Moskva, Izd-vo Akad. nauk SSSR.
[Vol. 5.] [Automatic control of production processes, machinery manufacture, electric power production, electric driving, and transportation] Avtomatizatsiia proizvodstvennykh protsessov, mashinostroenie, elektroenergetika, elektroprivod, transport. 1961. 490 p.

International Federation of Automatic Control, 1st International Congress, Moscow, 1960. [Proceedings] Trudy. Moskva, Izd-vo Akad. nauk SSSR.
[Vol. 6.] [Automatic control of industrial processes; chemistry, petroleum refining, power engineering, nuclear power engineering, and metallurgy] Avtomatizatsiia proizvodstvennykh protsessov, khimiia, neftepererabotka, teploenergetika, iadernaia energetika, metallurgiia. 1961. 851 p.

Investigation of a system for the automatic control of the power level of a nuclear reactor [with summary in English] A. V. Bondarenko and others. Inzh.-fiz. zhur. 4 no. 8:54-62 Ag '61

Kondo, Bunji, Iwei, Sosuke and Soga, Masakazu. [Transient processes with finite duration in pulse systems with saturation] Perekhodnyi protsess konechnoi dlitel'nosti v impul'snykh sistemakh s nasyshcheniem. Moskva, 1960. 13 p. (International Federation of Automatic Control, 1st International Congress, Moscow, 1960 [Doklady, no. 35)]
[MICROFILM]

Kravtsov, A. F., and V. G. Alekseev. [Control and automation of metallurgical processes; a laboratory manual] Kontrol' i avtomatizatsiia metallurgicheskikh protsessov, laboratornyi praktikum. Izd. 2, stereotipnoe. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1960. 1 v.

Logical control mechanisms for automatic machines. B. N. IUrukhin. Trudy Inst. mash. Sem. po teor. mash. 22 no. 87:39-61 '61

Mechanization and automatic control in the recovery of oil. Azerb. neft. khoz. 40 no. 1:35, 44 Ja '61

Methods and results of research in the automatic control of tractors. L. A. Baranov, IA. L. Bronshtein. Vest. sel'khoz. nauki [Kazakh.] 4 no. 3:50-60 Mr '61

Miller, G. R. [Automatic control in industrial electric-power supply systems] Avtomatizatsiia v sistemakh elektrosnabzheniia promyshlennykh predpriiatii. Moskva, Gos. energ. izd-vo, 1961. 175 p.

Mitsumaki, Tatsuo. [Modified optimalizing control system] Modifsirovannaia optimal'naia sistema regulirovaniia. Moskva, 1960. 16 p. (International Federation of Automatic Control, 1st International Congress, Moscow, 1960 [Doklady, no. 49)]
[MICROFILM]

Mordkhelovich, I. L., and P. I. Khaldeev. [Mechanization and automatization of industrial boiler rooms] Mekhanizatsiia i avtomatizatsiia promyshlennykh kotel'nykh. Moskva, Gos. energ. izd-vo, 1961. 182 p.

New diagrams and equipment for the control of welding operations. M. P. Zaitsev. Svar. proizv. no. 9:6-9 S '61.

New system for the control of boiler-turbogenerator units. L. S. Bravin, A. G. Chachko. Teploenergetika 8 no. 9:28-33 S '61

One statistical problem of optimum control. I. F. Mishchenko, L. S. Pontriagin. Izv. AN SSSR, Ser. mat. 25 no. 4:477-498 Jl-Ag '61

Patient, D. A. [Techniques for the automation of sampling and chemical analysis] Avtomatizatsiia otbora i khimicheskogo analiza prob. Moskva, 1960. 15 p. (International Federation of Automatic Control, 1st International Congress, Moscow, 1960 [Doklady, no. 115)]
[MICROFILM]

Potentiometric multiplication network with decreased systematic error. N. P. Polnikov. Izv. vys. ucheb. zav., elektromekh. 4 no. 8:89-93 '61.

Problem concerning the design of ultrastable and multistable systems. V. K. Chichinadze. Trudy Inst. elek., avtom. i telem. AN Gruz. SSR 2:17-32 '61

Problems of automatic control in the drawing industry. I. G. Grinman and others. Trudy Inst. fiz. AN Kazakh. SSR 4:122-125 '61

Problems of calculating and designing systems with combined control. V. G. Terskov. Trudy MAI no. 131 46-77 '61

Relay control system for an unstable object [with summary in English] S. D. Kiniapin. Izv. vys. ucheb. zav., radiofiz. 4 no. 1:136-150 '61.

Similarity of gas-turbine control systems. E. M. Siuzi-mova. Trudy TSNII MPS no. 214:52-62 '61

Stability of the periodic conditions of the fundamental frequency in complex oscillatory systems containing three-phase saturable reactors. V. A. Tsvetkov. Elektroenergetika no. 4:84-83 '61

Standard pickups for mechanical remote control of pumps. G. K. Lomonos. Priborostroenie no. 8:32-3 ol. cover. Ag '61.

State of the development and manufacture of actuating mechanisms for automatic control systems. A. TS. Cherviakovskii. Priborostroenie no. 8:1-3 Ag '61.

Stefanovich, T. Kh. [Magnetic amplifiers for the automation of industrial systems] Magnitnye usiliteli dlia avtomatizatsii promyshlennykh ustanovok. Moskva, Gos. energ. izd-vo, 1961. 247 p.

Synchronization of the operation of fans or smoke exhaust fans using the current to their electric motors. A. M. Birlukov. Energetik 9 no. 4:23-24 Ap '61

Systems for the automatization of lumber cutoff sawing. M. G. Dranovskii, IU. G. Gorodetskii, R. Kh. Botner. Der. prom. 10 no. 8:12-14 Ag '61

Technological principles in the control of crushing machines and classifiers. V. A. Olevskii. Obog. i ud. 4 no. 2:40-47 '59.

Use of automatic control for improving the stability and controllability of an airplane. A. A. D'iachenko. Vest. protivovozd. obor. no. 9:44-47 S '61

Using active control systems in machining on lathes. N. N. Ganchev. Vzaim. i tekh. izm. v mashinostr., mezhvuz. sbor. no. 3:314-323 '61

Work on electric power plants without attendants at the main control panels. A. I. Naumchuk, A. P. Petrokov. Elek. sta. 32 no. 6:82-84 Je '61

AUTOMATIC CONTROL—ABSTRACTS

[Automatic control and radio engineering.] Ref. zhur. Avtom. i radioelektr. no. 9 S '61.

AUTOMATIC CONTROL—BIBLIOGRAPHY see Bibliography—Automatic control

AUTOMATIC CONTROL—CONGRESSES

Convocation of the 2d Congress of the International Federation of Automatic Control. V. A. Trapeznikov. Izv. vys. ucheb. zav., elektromekh. 4 no. 8:104-105 '61

First International Congress of Automatic Control. V. I. Ivanenko. Izv. vys. ucheb. zav., radiotekh. 3 no. 6:672-674 N-D '60.

Second International Congress of the Executive Council of the International Federation for Automatic Control. Khim. prom. no. 8:592 Ag '61

The second international congress of the International Association on Automatic Control. V. A. Trapeznikov. Izm. tekh. no. 9:61 S '61.

Second International Congress of the International Federation of Automatic Control. Kons. i ov. prom. 16 no. 9:45 S '61.

AUTOMATIC CONTROL—TERMINOLOGY

Natsional'nyi komitet po avtomaticheskomu upravleniiu. Nauchno-tekhnicheskii komitet terminologii. [Terminology on the basic concepts of automatic control] Terminologiia osnovnykh poniatii avtomatiki, doklad. Moskva, 1960. 31 p. (International Federation of Automatic Control, 1st International Congress, Moscow, [Doklady, no. 282)]
[MICROFILM]

AUTOMATIC PILOT (AIRPLANES)

Automatic instruments on an airplane. M. Rebrov. Kryl. rod. 12 no. 8:21-22 Ag '61.

Dynamic links in the system of automatic regulation. A. V. Serebriakov. Vest. protivovozd. obor. no. 6:14-18 Je '61.

AUTOMATIC TIMERS

Device for the simultaneous switching-on of stop watch and current [with summary in English] P. N. Bobrov, G. P. Timofeev. Zhur. fiz. khim. 35 no. 8:1850-1851 Ag '61

Homemade timer and experiments with it. N. N. Nechaev. Fiz. v shkole 21 no. 3:60-62 My-Je '61

AUTOMATION

Automation and technological progress. K. Klimenko. Vop. ekon. no. 9:14-22 S '61.

Automation in processing radar information (as revealed by foreign press data). A. G. Malinovskii, L. P. Sverbinov. Vest. protivovozd. obor. no. 8:47-51 Ag '61

Automation of the pumping operation of an artesian well. A. M. Samokhvalenko. Kons. i ov. prom. 16 no. 5:18-19 Je '61

Complete automation of soda plants. A. B. Tiutiunnikov, V. I. Potiashkov. Khim. prom. no. 8:553-556 Ag '61

Experience of Dagestan canning and preserving enterprises in the mechanization and automation of production. I. S. Bogdanova, S. M. Abdullaev. Kons. i ov. prom. 16 no. 6:37-38 Je '61

Introducing the mechanization, automatic and technological innovations at thermal power stations. V. K. Solovtsov. Biul. tekh.-ekon. inform. no. 8:49-52 '61

Mechanization and automation of auxiliary operations at the "Krasnyi Proletarii" Plant. Z. D. Bonshtein. Stan. i instr. 32 no. 9:7-14 S '61.

Mechanization and automation of production processes at the Leningrad Machine-Tool Plant. E. I. Zaderakii. Stan. i instr. 32 no. 9:5-7 S '61.

Mechanization and automation of production processes in manufacturing micrometers at the "Kalibr" Plant. V. M. Volkov. Stan. i instr. 32 no. 9:10-11 S '61.

The 1187 automatic line for machining exhaust collectors. A. A. Lapin. Biul. tekh.-ekon. inform. no. 7:35-37 '61

On the new technological basis. S. I. Kharakhorkhiev, G. R. Abramovych. Nauka i zhyttia 10 no. 3:18-20 Mr '60.

Organizing automatic control of the manufacture of sulfuric acid by the contact process. S. V. Kuznetsov. Khim. prom. no. 8:548-553 Ag '61.

Technological progress and the work of laborers. V. Mitaev. Polit. samoobr. 5 no. 9:72-80 S '61

Vydrin, A. I., and M. Z. Gamus. [Partial mekhanization and automation in assembly shops] Malaia mekhanizatsiia i avtomatizatsiia v sborochnom tsekhe. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 164 p.

AUTOMATION—BIBLIOGRAPHY see Bibliography—Automation

AUTOMATION—CONGRESSES

Second conference on automation and mechanization of the basic technological processes in the rubber industry. I. M. Rumpianskii. Kauch. i rez. 20 no. 8:55-57 Ag '61

AUTOMOBILE DRIVERS

Toward new successes. V. Liubimov. Tyl i snab. Sov. Vooruzh. Sil 21 no. 6:87 Je '61.

New standards for obstacle driving competitions. V. Berezkin. Za rul. 19 no. 7:11-12 Jl '61.

Pay more attention to practical work. E. Gol'denberg. Za rul. 19 no. 7:20-21 Jl '61.

AUTOMOBILE INDUSTRY

Statute of the all-Union export-import association "Avtoeksport." Vneshn. torg. 41 no. 9:31-35 '61.

AUTOMOBILE INDUSTRY—TECHNOLOGICAL INNOVATIONS see subdivision under Moscow

AUTOMOBILE INDUSTRY WORKERS see subdivision under Gorkiy

AUTOMOBILE RACING

Beliaev, N. Z., and M. IU. Shlezinger. [Manual for automobilists] Uchebnoe posobie shoferu-liubiteliu. Moskva, Izd-vo DOSAAF, 1961. 222 p.

How to attract automobile owners to participate in automobile racing. IU. Gofman. Za rul. 19 no. 7:23 Jl '61.

Is it or isn't it a sport? P. Baranov and others. Za rul. 19 no. 7:10 Jl '61.

AUTOMOBILES

(see also subdivision under France; United States)
Beliaev, N. Z., and M. IU. Shlezinger. [Manual for automobilists] Uchebnoe posobie shoferu-liubiteliu. Moskva, Izd-vo DOSAAF, 1961. 222 p.

AUTOMOBILES—BRAKES

Model of hydraulic drive brakes. Za rul. 19 no. 7:24 Jl '61.

AUTOMOBILES—DYNAMICS

Method of calculating the speed of automobile motion by the run of the road. O. V. Margvelashvili. Soob. AN Gruz. SSR 26 no. 5:573-578 My '61.

AUTOMOBILES—LIGHTING see subdivision under Kirzhach

AUTOMOBILES—MAINTENANCE AND REPAIR (see also subdivision under Kharkov)

[Accessories for technical servicing and repair of automobiles] Prisp. dlia tekh. obsluzh. i rem. avt. no 2 '61.

AUTOMOBILES—MODELS see subdivision under Uzbekistan

AUTOMOBILES—TOURING

Amateur automobilists go South. A Anisimov, N.Sinel'nikov, B Gartenberg. Za rul. 19 no.7 16-19 Jl '61.

AUTOMOBILES, GAS TURBINE see subdivision under Great Britain

AUTOMOBILES, MILITARY

For superior discipline and exemplary order P. Ostrizhnyi Tyl i snab Sov Voor. Sil 21 no 6 81-83 Je '61.

High discipline is a guarantee of work free of accidents. N Shakhov. Tyl i snab Sov. Voor Sil 21 no 5 77-80 My '61.

Raise the technical readiness of automobile transport. Tyl i snab. Sov Voor. Sil 21 no. 6 78-80 Je '61.

AUTOMOBILES, MILITARY—ACCIDENTS

An accident-free record is the concern of all commanders and leaders. A Gornyi Tyl i snab. Sov Voor. Sil 21 no. 7-17-21 Jl '61.

AUTOMOBILES, MILITARY—MAINTENANCE AND REPAIR

By their own efforts. M Chernov Tyl i snab. Sov. Voor. Sil 21 no. 5 83 My '61.

AUTOMOBILES, MILITARY—SAFETY MEASURES

We have no automobile accidents R. IAblonovskii. Tyl i snab Sov. Voor Sil 21 no 5:81-83 My '61

AUTOMOBILES, RACING

MAZ 1500 racing car. V. Maiboroda. Za rul. 19 no.7 15-17 Jl '61.

AUTOMOBILES, RACING—EQUIPMENT AND SUPPLIES see subdivision under Germany, East

AUTOMOTIVE TRANSPORTATION see Transportation, Automotive

AUTONOMIC DRUGS

Physiological mechanism of potentiation of the action of types A and B botulism toxin in the body [with summary in English]. V. V. Mikhailov. Arkh. pat. 21 no 9 7-16 '59.

Surgical treatment in thyrotoxicosis with the use of neurovegetative block. L. Z. Drobkov Probl. endok. i gorm. 7 no. 4 77-82 '61.

Use of the neuroblocking preparations gantripon and gastrobomate. G. L. Levin, A. I. Abaev. Klin. med. no. 7. 53-58 '61.

AUTORADIOGRAPHY

Use of liquid emulsions in autoradiography with thymidine-H^3 and adenine-C^{14}. L. N. Zhinkin and others. TSitologiia 3 no. 4:478-481 Jl-Ag '61

AUTORADIOGRAPHY—EQUIPMENT AND SUPPLIES

Chamber for producing organ autograms. M. N. Milovskii, Z. A. Riabinina Biul. eksp. biol i med 51 no 5 118-121 My '61.

AUXILIARY POLICE

An unprincipled public prosecutor. S. Koblents Sots zakon 30 no. 9:64 S '61.

[Voluntary policeman's manual] Spravochnik druzhinnika. Moskva, Gos. izd-vo furid. lit-ry, 1961. 118 p.

AVALANCHES

Indirect signs of avalanche danger. Kh. D. Peov. Izv. Sib. otd. AN SSSR no. 8: 50-61 '61.

AVARICE

Greed. G. Krytov. Ogonek 39 no. 32:29 Ag '61.

AVENS see subdivision under Azerbaijan

AVIATION MECHANICS (PERSONS)

In the interests of advanced training. E. V. Sazonov. Vest. protivovozd. obor. no. 6:41-42 Je '61.

Is rank categorization necessary for flight mechanics? We think so. G. S. Kolonskov. Vest Vozd. Fl. no. 5:61 My '61.

AVIATION MEDICINE

Lavnikov, A. A. [Aviation medicine] Aviatsionnaia meditsina. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 274 p.
(DNLM)

AXES

Scythian axes. V. A. Il'inskaia. Arkheologiia 12:27-52 '61.

AYAGUZ DISTRICT—RETAIL TRADE

Ayaguz news. Koop. Kazakh. 4 no. 5/6:13 My-Je '61.

AZEPINONE

Manufacture of caprolactam. M. Sartisov. Pozh. delo 7 no. 8:6 Ag '61.

AZERBAIJAN—ANIMALS AS CARRIERS OF DISEASE

Results and problems of research on natural disease foci in Azerbaijan M A. Musaev Izv AN Azerb SSR Ser biol i med nauk no 6 51-57 '61

AZERBAIJAN—ANTIQUITIES

Materials of the Shakhtakhty burial ground O. A. Abdullaev. Izv AN Azerb. SSR. Ser obshchestv nauk no. 5:27-37 '61.

AZERBAIJAN—AVENS

Materials on the study of the rhizome of water avens R K Aliev, N D Aliev, A Kh. Rakhimova Dokl. AN Azerb SSR 17 no 6.519-524 '61

AZERBAIJAN—BELEMNITES

New belemnites from lower Cretaceous deposits of the southeastern Caucasus. Ak. A Ali-zade Dokl AN Azerb SSR 17 no 6:495-499 '61

AZERBAIJAN—BUILDING MATERIALS INDUSTRY

Building materials industry in Azerbaijan reaches a new stage T D Akhmedov, L B Sheinin, E. P Paronian Stroi mat. 7 no 8:3-8 Ag '61

AZERBAIJAN—CABBAGE—FERTILIZERS AND MANURES

Effect of different amounts of mineral fertilizers on cabbage yields in principal vegetable regions of the Azerbaijan S S R. [in Azerbaijani with summary in Russian] Sh D. Asadov. Izv AN Azerb SSR Ser biol i med nauk no 5:103-108 '61.

AZERBAIJAN—CANNING INDUSTRY

Scientific and technical conference of workers of the Azerbaijan canning industry. V. V Maloian. Kons i ov prom. 16 no 6:39-40 Je '61

AZERBAIJAN—CHEMICAL INDUSTRIES

Expansion of the chemical industry of Azerbaijan during the current seven-year plan, and the objectives of the D. I. Mendeleev All-Union Chemical Society M. M Movsumzade. Azerb. khim. zhur. no. 3 3-6 '60

AZERBAIJAN—CHEMISTRY

Progress of chemistry in Azerbaijan over the last 40 years. IU G. Mamedaliev Azerb khim zhur. no 2 3-10 '60

AZERBAIJAN—COCCIDIOSES

New coccidian species of the genus Eimeria from the red-tailed gerbil (Meriones erythrourus Gray) M A Musaev, F K Alieva Izv AN Azerb. SSR Ser biol i med nauk no 5:53-59 '61

AZERBAIJAN—COLLECTIVE FARMS

Efforts to strengthen the alliance of Azerbaijan workers and collective farmers from 1935 to 1937 [in Azerbaijani with summary in Russian] Z. B. Shikhlinskii Trudy Inst ist AN Azerb. SSR 14 135-160 '60

AZERBAIJAN—CULTURE

The development of socialist culture in Baku, from 1920 to 1940 [in Azerbaijani with summary in Russian]. I. A. Isaev. Izv. AN Azerb. SSR. Ser obshchestv. nauk no. 5:3-14 '61.

AZERBAIJAN—DEEP-SEA DEPOSITS

Using seismic prospecting for studying the tectonics of Mesozoic sediments in offshore areas N. I. Shapirovskii, IU G. Ganbarov. Azerb. neft khoz 40 no 1 8-11 Ja '61.

AZERBAIJAN—DESCRIPTION AND TRAVEL

Akademiia nauk Azerbaidzhanskoi SSR, Baku. Institut istorii. [Travelers' reports on Azerbaijan] Puteshestvenniki ob Azerbaidzhane. Pod red. E. M. Shakhmalieva. Baku.
Vol. 1. IAmpol'skii, Z. I., comp. 1961. 497 p.

AZERBAIJAN—ECONOMIC CONDITIONS

Economic results of taxes levied on Azerbaijan by Sultan Husayn and Nader Shah Sh. S Guseinov. Izv. AN Azerb. SSR Ser. obshchestv nauk no. 4:11-23 '61.

AZERBAIJAN—ECONOMIC RESEARCH

In the Institute of Economics of the Academy of Sciences of the Azerbaijan S. S. R. A. Aleskerov, G. Guseinov. Vop. ekon. no. 9:158-159 S '61.

AZERBAIJAN—EDUCATION, COOPERATIVE

We are finding new forms of cooperation with production. I. A. Ibragimov. Vest. vys shkoly 19 no. 8:54-55 Ag '61

AZERBAIJAN—ELECTRIC INDUSTRIES

Let's celebrate the 22d Congress of the CPSU in an appropriate way N. I. Nasrullaev Vest elektroprom 32 no 9.1-3 S '61.

AZERBAIJAN—ELECTRIC PROSPECTING

Effectiveness of electric prospecting in the Agdzhabedi-Zhdanovsk area of the Azerbaijan S. S. R. [in Azerbaijani with summary in Russian]. Kh. D. Dzhafarov. Azerb. neft. khoz. 40 no. 1:6-9 Ja '61.

AZERBAIJAN—EROSION

Conditions of the formation and age of the erosion surface of ultrabasic rocks in the Lesser Caucasus Sh. I Allakhverdiev Dokl AN Azerb SSR 17 no 6 479-483 '61

AZERBAIJAN—FORAMINIFERA, FOSSIL

New types of arenaceous Foraminifera from Albian sediments of the Caspian Sea region (northeastern Azerbaijan) Ch. A Tairov Azerb neft. khoz. 39 no. 2 10-12 F '60.

AZERBAIJAN—GALENA

Some properties of natural galena from deposits of the Azerbaijan S S R. [in Azerbaijani with summary in Russian] E I. Manafli, M A Talibli Izv AN Azerb SSR Ser fiz -mat i tekh nauk no 6 69-75 '60

AZERBAIJAN—GAS, NATURAL

Chemical processing of oil reservoir gases of Azerbaijan. Report No 1 Sh. B Aliev Azerb. khim zhur no. 3,49-64 '60

AZERBAIJAN—GAS, NATURAL—GEOLOGY

Geological prospecting in 1960 in the Azerbaijan S. S. R. B K. Babazade Azerb neft khoz. 39 no 2 1-5 F '60.

AZERBAIJAN—GEOCHEMISTRY

Manganese content of formation waters and sedimentary rocks in oil fields of Azerbaijan D. I. Zul'fugarly Azerb. khim. zhur no 4-113-120 '60

AZERBAIJAN—GEOLOGY

Sultanov, K. M., and T. S. Shakhsuvarov. [Geological field trips in Azerbaijan] Geologicheskie ekskursii po Azerbaidzhanu. Baku, Azerbaidzhanskoe gos. izd-vo neft. i nauchno-tekhn. lit-ry, 1960. 105 p.

AZERBAIJAN—GRASSES

Growth, development, and yields of some forage grasses in soils of various salinity [in Azerbaijani with summary in Russian] Z S Azizbekova Izv AN Azerb SSR Ser. biol i med nauk no 5:3-11 '61

AZERBAIJAN—HISTORY

History of Azerbaijan in the second half of the 18th century G B Abdullaev Trudy Inst. ist AN Azerb SSR 14 57-111 '60

"The history of Azerbaijan" Vol 1 Reviewed by A P Novoseltsev Vop. ist. no 9 145-150 S '61.

AZERBAIJAN—LAMBS

Growth of the skeleton and internal organs in young lambs of the Azerbaijan mountain merino G K Kuliev Izv. AN Azerb SSR Ser biol i med nauk no 5:63-66 '61

AZERBAIJAN—LANGUAGES

The ancient languages of Azerbaijan. K G Aliev. Trudy Inst ist AN Azerb SSR 14 35-56 '60

AZERBAIJAN—NEMATODA

Trichostrongylid fauna of the abomasum in two-hump camels of Azerbaijan S M Asadov, M I. Kolesnichenko Izv AN Azerb SSR Ser biol i med nauk no. 5, 61-63 '61

AZERBAIJAN—OIL FIELDS—PRODUCTION METHODS

Azerbaijan oil field industry in 1960 A D Amirov. Azerb. neft. khoz. 39 no 11-3 Ja '60.

Petroleum recovery from horizons of the producing formation of Azerbaijan. G I Blank, M Z. Chernomordikov, E. A Martirosova Azerb. neft. khoz 40 no 6 21-25 Je '61

AZERBAIJAN—OIL RESERVOIR ENGINEERING

The year 1961 in the third in the seven-year plan for petroleum production in Azerbaijan A. D. Amirov. Azerb. neft. khoz. 40 no. 1:1-3 Ja '61.

AZERBAIJAN—OIL WELL PUMPS

Results of using NGV-SP-28 deep-well pumps without bushings in fields of the Oil Field Administration of the Kirov Petroleum Trust. K. A. Karapetov, Kh G. IArullin, S. IA. Gadzhieva. Azerb. neft khoz 40 no. 1:33-35 Ja '61.

AZERBAIJAN—PEASANT UPRISINGS

History of the peasant movement in Azerbaijan from 1870 to 1900 I M Gasanov. Izv AN Azerb SSR Ser. obshchestv no 1,37-40 '61

AZERBAIJAN—PERLITE (MINERAL)

Possibility of using Azerbaijan "air-entrained" perlite in the preparation of quick-setting pastes for plugging drilling fluid outlets. A. M. Avanesova, A. I. Mamedov, N. M. Dzhabarova. Azerb neft Khoz 39 no 1 22-23 Ja '60.

AZERBAIJAN—PETROLEUM—ANALYSIS

Chromium content of Azerbaijan crude oils. D. I. Zul'fugarly. Azerb. khim. zhur. no. 6:127-132 '60.

Macroelements in petroleum ashes of Azerbaijan [in Azerbaijani with summary in Russian] D. I. Zul'fugarly and others. Azerb. khim. zhur. no. 2:149-152 '60.

Vanadium content of oils of Azerbaijan. D. I. Zul'fugarly. Azerb. khim. zhur. no. 3:139-146 '60

AZERBAIJAN—PETROLEUM—REFINING

Refining of kerosine fractions from straight-run oils of Azerbaijan. M A Mardanov, S A. Sultanov, S G. Narodits kaia. Azerb, khim zhur no 6·45-49 '60

AZERBAIJAN—PETROLEUM GEOLOGY

Geological prospecting in 1960 in the Azerbaijan S. S. R. B. K. Babazade. Azerb neft khoz. 39 no 2 1-5 F '60.

AZERBAIJAN—PETROLEUM INDUSTRY—SAFETY MEASURES

Guarding the safety of labor Neftianik 6 no 4 23 Ap '61

AZERBAIJAN—PETROLOGY

Changes in the lithological composition of lower Maikop deposits of the Tertiary Caspian monocline in the Amirkhanly, Saadan, and Sinzani-Nardaran areas. G h. Abdullaev, A. S Panakhov. Dokl. AN Azerb SSR 17 no. 6;489-493 '61

AZERBAIJAN—PISTACHIO

Establishing the possibility of pistachio culture under conditions of dry farming at the foot of the Lesser Caucasus [in Azerbaijani with summary in Russian] S R. Aslanov. Izv AN Azerb SSR Ser biol i med nauk no 6·37-42 '61

AZERBAIJAN—ROCKS, SEDIMENTARY

Density of sedimentary rocks of eastern Azerbaijan R. M. Gadzhiev Azerb. neft. khoz 39 no 1 13-16 Ja '60.

AZERBAIJAN—SECONDARY RECOVERY OF OIL

Recovering residual oil in the Azerbaijan S S R. A S Velikovskii, V P Terzi Azerb. neft khoz 40 no 6 13 Je '61

AZERBAIJAN—SMUTS

The wheat smut Tilletia controversa Kühn. in Azerbaijan. Kh. A Ismailov. Dokl AN Azerb. SSR 17 no. 6 507-509 '61

AZERBAIJAN—SOCIAL GROUP WORK

Social group work in the rural areas of Azerbaijan from 1926 to 1929 N G Ostpova Trudy Inst ist AN Azerb SSR 14 115-134 '60

AZERBAIJAN—SOILS—COMPOSITION

Biogeochemical provinces in the Azerbaijan S. S. R. A. N Giul'akhmedov Izv AN Azerb SSR Ser. biol. i med nauk no 5;97-101 '61

AZERBAIJAN—SPITTLE INSECTS

Philaenus spumarius L. (Homoptera, Cercopidae) as a grain crop pest in Azerbaijani [in Azerbaijani with summary in Russian] A. M. kulieva. Izv AN Azerb SSR. Ser. biol i med. nauk no. 5;73-81 '61

AZERBAIJAN—SULFUR

Sulfur content of Azerbaijan oils and light-colored petroleum products obtained from them [in Azerbaijani with summary in Russian]. I I Namazov, G G Ashumov, S. A. Eivazova Azerb neft. khoz. 39 no. 2 33-34 F '60.

AZERBAIJAN—TELEVISION

Television in Azerbaijan. Radio no. 3;10 Mr '61.

AZERBAIJAN—THEATERS—STAGE SETTING AND SCENERY

Decorative design of the first years of Soviet rule. D. A Safaralieva. Izv AN Azerb SSR Ser. obshchestv nauk no 4;97-108 '61

AZERBAIJAN—WEAVING

History of weaving in Azerbaijan [in Azerbaijani with summary in Russian]. G. A. Guliev Izv. AN Azerb SSR Ser. obshchestv. nauk no 4;25-36 '61.

AZERBAIJANI POETRY

A 13th century poem in Azerbaijani [in Azerbaijani with summary in Russian] Mirali Seidov Dokl AN Azerb SSR 17 no 6·525-529 '61

AZEVO REGION—GEOLOGY, STRATIGRAPHIC

Specific features of the cross section of the Devonian terrigenous stratum in the Azevo-Salaush area (northeastern Fatalistan) V I Averianov Dokl AN SSSR 139 no 5 1173-1176 Ag '61

AZHBULAT, LAKE—BRINES

Formation of the chemical composition of brine in Lake Bol'shoy Azhbulat, M. F. Liapunov Izv Sib otd AN SSSR no. 8;83-92 '61.

AZO COMPOUNDS

Rearrangement of triazenes Part 1 Rearrangement of asymmetric triazenes in aminoazo compounds V. M Berezovskii, L. S Tul'chinskaia Zhur. ob. khim. 31 no. 8 2774-2779 Ag '61

AZOTOBACTER

Distribution of Azotobacter in the rhizosphere of wild plants in some soils of the Altai Territory and Novosibirsk Province. N. N. Naplekova Izv Sib otd AN SSSR no. 8 110-115 '61.

Metabolism in wheat in connection with the application of granulated superphosphate and azotobacterin. L I. Kulikova. Trudy OmSKhI 43,23-32 '61

AZOV, SEA OF—ANCHOVIES

Effect of food supply on the survival of larvae of anchovies in the Sea of Azov. P. I Gludinin. Trudy sov. Ikht. kom. no. 13 454-456 '61.

Factors determining the dynamics of abundance of plankton-eating fishes in the Sea of Azov. V N. Matskii Trudy sov. Ikht kom no. 13 205-210 '61

Variation of biological indices and their adaptive significance as exemplified by the anchovies of the Black Sea and the Sea of Azov. N F. Taranenko. Trudy sov. Ikht. kom. no. 13 381-385 '61

AZOV, SEA OF—FISHERIES

Principal factors determining fluctuations in the stocks of sturgeons and other commercial fishes caught by fine-meshed nets in the Sea of Azov E. G. Boiko Trudy sov. Ikht kom. no. 13 147-157 '61.

AZOV, SEA OF—HERRING

Factors determining the dynamics of abundance of plankton-eating fishes in the Sea of Azov. V. N. Matskii. Trudy sov. Ikht. kom. no. 13 205-210 '61.

AZOV, SEA OF—HYDROGRAPHY

Composite method of constructing the free sea level surface. IU. V. Preobrazhenskii, M. V. Remezova. Trudy GOIN no. 63;29-63 '61.

AZOV SEA REGION—ORE DEPOSITS

Distribution of sulfur in the Cimmerian ore-bearing deposits of the Azov Basin. A U. Litvinenko, A D. Dodatko. Dokl. AN SSSR 139 no. 6·1452-1455 Ag '61.

BABAT, GEORGII IL'ICH, 1911-1960

Georgii Il'ich Babat; obituary. Izv vys. ucheb. zav., radiotekh 3 no 6·675-676 N-D '60

BACTERIA, EFFECT OF DRUGS ON

Determining the sensitivity of microbes to antibiotics P. A. Borisov. Voen -med. zhur. no. 5.67-68 My '61.

BACTERICIDES

Bactericidal properties of certain ether preparations. Shamkhal Mamedov and others Azerb. khim. zhur. no. 1;85-89 '61.

BACTERIOPHAGE

Use of the method of phage typing of staphylococci in the study of staphylococcal diseases in children [with summary in English] V. A. Khrushchova, F. M Teitel'baum. Vop. okh. mat. i det. 6 no. 7;52-57 Jl '61.

BADKHYZ—PASTURES AND MEADOWS

Carotene content of principal pasture plants in Badkhyz I. A. Ermakova. Izv. AN Turk SSR. Ser biol. nauk no. 1 42-48 '61.

BAFFIN BAY—TIDES

Computing semidiurnal tides (M_2) in the Baffin Bay and the Davis Strait by G. V. Polukarov's method. V. M. Al'tshuler, O. A. Vladimirov. Trudy GOIN no. 64: 112-117 '61.

BAGGING

Sugar factories should receive durable sacks. V. S. Nosulenko. Sakh. prom. 35 no. 8;28-29 Ag '61.

BAGRATION, PETR IVANOVICH, 1765-1812—FICTION

Golubov, S. N. Bagration. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 340 p. (Sovetskii voennyi roman) (NN)

BAIANOVICH, ALEKSEI IVANOVICH, 1893-1961

A. I. Baianovich; obituary. Ukr. ist. zhur. 5 no. 5;173 S-O '61.

BAIKAL, LAKE—WATER—COMPOSITION

Votintsev, K. K. [Hydrochemistry of Lake Baikal] Gidrokhimiia ozera Baikal. Moskva, Izd-vo Akad nauk SSSR, 1961. 310 p. (Akademiia nauk SSSR. Baikal'skaia limnologicheskaia stantsiia Trudy, vol. 20)

BAIKAL, LAKE—WHITEFISHES

Causes of fluctuations in the abundnce of the whitefish Coregonus autumnalis Pall in Lake Baikal S. I Krasnoshchekov. Trudy sov. Ikht kom no. 13 236-241 '61

BAIKAL LAKE REGION—DIOPSIDE

Mechanism of formation of boudinage structures in quartz-diopsides of the southwestern Lake Baikal region I. S. Delitsin Trudy IGEM no 41·106-118 '61

BAIKAL LAKE REGION—QUARTZ

Mechanism of formation of boudinage structures in quartz-diopsides of the southwestern Lake Baikal region. I. S. Delitsin Trudy IGEM no 41·106-118 '61

BAIL

"Fashion", a satirical sketch. IU Klarov. Sots zakon 38 no 9 55-56 S '61.

The results of indulgence IU. Feofanov Sots zakon 38 no 9 61-63 S '61.

BAKERS AND BAKERIES

(see also subdivision under Kartal'skiy District, Leningrad)

Wernicke, Walter. [Baking; theory and practice of the baking of bread and other products. Translated from the German] Khlebopechenie; teoriia i praktika prigotovleniia khleba i khlebnykh izdelii. Izd. 2., perer. Moskva, Pishchepromizdat, 1960. 347 p. (DA)

BAKU—COMMERCE

History of the commercial contacts of the city of Baku from 1607 to 1830 [in Azerbaijani with summary in Russian]. M. A. Musaev. Izv. AN Azerb. SSR. Ser obshchestv. nauk no 5;15-26 '61

BAKU—EDUCATION

The development of socialist culture in Baku, from 1918 to 1940 [in Azerbaijani with summary in Russian] I. A. Isaev. Izv. AN Azerb. SSR. Ser obshchestv nauk no. 5;3-14 '61.

BAKU—LANDSCAPE GARDENING

Landscaping in Baku. G. Alekserov. Arkhit. SSSR no 7 28-29 '61.

BAKU—RAILROADS—CARS

Welcome, tomorrow! IU. Sbitnev. Smena 38 no.10·2-3 My '61.

BAKU ARCHIPELAGO—GEOLOGY, STRUCTURAL

Recent data on the tectonics of the southeastern part of the Baku Archipelago. I S. Gasanov, IU. G. Ganbarov. Azerb. neft khoz. 39 no.1.4-7 Ja '60.

BAKU REGION—OIL WELL DRILLING

Difficulties have been overcome. IArmet IAraliev. Neftianik 5 no. 6 5-6 Ag '60.

BALADZHARY—RAILROADS—MAINTENANCE AND REPAIR

New developments at the washing and steaming station Baladzhary. M. M. Akhundov. Zhel. dor. transp 43 no. 8.69-70 Ag '61.

BALANCE OF PAYMENTS

(see also subdivision under United States)

Frei, L. I. [International balance of payments and the financing of the foreign trade of capitalist countries] Mezhdunarodnye raschety i finansirovanie vneshnei torgovli kapitalisticheskikh stran. Izd. 3., perer. i dop. Moskva, Vneshtorgizdat, 1960. 437 p. (MH)

BALASHOV—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

A city party committee and managerial personnel A. Prazdnikov. Part. zhizn' no. 19 38-43 O '61.

BALASHOV—PARACHUTING—SOCIETIES, ETC.

In the active Balshov Club. V. Zinchuk. Kryl. rod 12 no. 8;13 Ag '61.

BALCONIES

Balconies with side supporting braces. Strol. i arkhit. 9 no. 7;36 Jl '61.

New type of balconies. B. Krishtop. Strol. i arkhit. 9 no. 8·19-20 Ag '61.

BALKAN PENINSULA—HISTORY

[Liberation of Bulgaria from the Turkish yoke; documents in three volumes] Osvobozhdenie Bolgarii ot turetskogo iga; dokumenty v trekh tomakh. Moskva, Izd-vo Akad. nauk SSSR.

Vol. 1, [The liberation struggle of the southern Slavs and Russia from 1875 to 1877] Osvoboditel'naia bor'ba iuzhnykh slavian i Rossii, 1875-1877. Pod red. S. A. Nikitina i dr. 1961. 713 p.

BALKHAN REGION—PETROLOGY
Lithology of Pliocene deposits in the Balkhan region. M. F. Fesenov. Izv. AN Turk SSR Ser. fiz.-tekh., khim i geol. nauk no 1 88-93 '61

BALKHASH—FLOTATION
Improvement of flotation processes at the Balkhash plant I. N. Shoraher. Obog i ud 5 no 1 3-6 '60

BALKHASH DISTRICT—MUSKRATS
Nearer to the farm. P. IUr'ev. Koop Kazakh 4 no 5/6: 65 My-Je '61

BALKHASH LAKE REGION—THRIPS
A new thrips species (Thysanoptera) from the Lake Balkhash region [with summary in English]. N. P. Dindeshko. Zool. zhur. 40 no. 8 1251-1253 Ag '61.

BALL BEARINGS
Miniature ball bearings. Znan. ta pratsia no. 6:26 Ag '61.

BALLADS, UKRAINIAN
Style of folk ballads. H. M. Udovychenko. Dop. ta pov UzhDU, Ser. filol. no. 2:53-55 '58.

BALLAST (RAILROADS)
Ballast temper. K. E. Ivanov, E. P. Bondarenko. Put' i put. khoz. 5 no. 7-7-9 Jl '61.
Compaction of crushed stone ballast by means of machine-mounted vibratory plates. P. M. TSigel'nyi, G. S. Andreev, G. T. Samorukova. Vest TSNII MPS 20 no 5 43-46 '61

BALLET
(see also subdivision under Kuybyshev; Leningrad, Minsk; Tiflis)
Flight.... Natal'ia Dudinskaia. Ogonek 30 no. 39:6 S '61.

BALLISTIC MISSILE EARLY WARNING SYSTEM
Passive systems of detecting ballistic rockets (as revealed by foreign press data). E. A. Malyshkin. Vest protivovozd obor. no. 8:23-25 Ag '61

BALLISTOCARDIOGRAPHY
Ballistocardiogram of patients with subacute rheumocarditis with situs inversus viscerum. A. I. Batrak. Klin. med. no. 7:141-142 '61.

BAL'MONT, VLADIMIR ALEKSANDROVICH, 1901-
Anniversary of a scientist. M. A. Ermekov. Vest. sel'khoz. nauki [Kazakh.] 4 no. 1:76-79 Ja '61.

BALTIC PROVINCES—HISTORY
"The Baltic question in the 16th and the 17th centuries" [in French] by W. Czaplinski. Reviewed by A. S. Kan. Sred. veka no. 20 301-302 '61

BALTIC SEA—HERRING
Relation between growth and sexual maturation in spring-spawning Baltic herring. L. A. Rannak. Trudy sov. ikht. kom. no. 13:337-343 '61.

BALTIC SEA—HYDROGRAPHY
Level fluctuations in the Baltic Sea. N. N. Lazarenko. Trudy GOIN no 65 39-127 '61

BALTIC SEA—HYDROLOGY
Hydrological fronts in the Straits of Denmark and Kattegat, their movement and effect on hydrological conditions in the Baltic Sea. I. M. Soskin. Trudy GOIN no 65:3-13 '61
Hydrometeorological surveys for the Baltic Sea. I. Z. Leder. Trudy GOIN no. 65:163-167 '61.

BALTIC SEA—METEOROLOGY, MARITIME
Hydrometeorological surveys for the Baltic Sea. I. Z. Leder. Trudy GOIN no. 65:163-167 '61.

BALTIC SEA—OCEAN CURRENTS
Currents at the Khiumadal lightship. I. M. Soskin. Trudy GOIN no 65:136-153 '61
Determining the coefficient K during work with the electromagnetic current meter in the Baltic Sea. V. I. Solov'ev, I. M. Soskin. Trudy GOIN no. 65:154-162 '61

BALTIC SEA—PLANKTON
Plankton as a factor determining the distribution and productivity of plankton-eating fishes in the Baltic Sea. I. I. Nikolaev. Trudy sov. ikht. kom. no. 13:364-373 '61.

BALTIC SEA—SALINITY
Hydrochemical characteristics as indicators of the inflow of waters of the North Sea into the Baltic Sea during 1950-1959. N. M. Pastukhova. Trudy GOIN no. 65:168-187 '61

BALTIC SEA—SEA ICE
Characteristics of freezing of the Baltic Sea in the winter of 1959/60. V. V. Betin, A. P. Zaitsev. Trudy GOIN no. 63:78-89 '61.

BALTIC SEA REGION—BEETLES, FOSSIL
Members of the family Helodidae (Coleoptera) from Baltic amber. S. M. Iablokov-Khnzorian. Paleont. zhur. no. 1:106-116 '61.

BALTIC SEA REGION—PRECIPITATION (METEOROLOGY)
Effect of the shore line on air currents and distribution of precipitation. A. I. Buz. Sbor. rab. po sinop. no 5 3-12 '60

BALTIC STATES—COMMUNIST EDUCATION
Evening universities have started their work. V. Allabiev. Komm. Vooruzh. Sil 1 no 4 58-60 N '60

BALTIC STATES—HISTORY
"Soviet Baltic states in the fraternal family of Soviet peoples." Reviewed by I. V. Dubrovina, V. V. Suchkov. Vop. ist. no 9:142-145 S '61.

BALTIC STATES—RELATIONS (GENERAL) WITH WHITE RUSSIA
Gorbunov, T. S. [Fraternal peoples; contacts of the White Russian people with Baltic peoples] Narody-brat'ia, o sviaziakh belorusskogo naroda s narodami Pribaltiki. Minsk, 1961. 28 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Belorusskoi SSR, no. 17)

BANACH SPACES
Criterion of the affinity of two Banach spaces. S. G. Krein, IU. I. Petunin. Dokl. AN SSSR 139 no. 6 1295-1298 Ag '61.

BAND THEORY OF SOLIDS see Energy-band theory of solids

BANDAGES AND BANDAGING
Method of applying the individual bandage packet. G. I. Serdiukov. Voen.-med. zhur. no. 6, 72 Je '61.
Sealing substances in minor injuries. V. N. Chetverikova. Ortop., travm. i protez. no 7:53-55 '61.

BANFI, ANTONIO, 1886-1957
Antonio Banfi; obituary. Vop. filos. no. 6:209-210 '57.

BANG'S DISEASE see Brucellosis in cattle

BANKING LAW
New legislative enactments in the sphere of banking law. E. G. Polonskii. Vest. Mosk. un. Ser. 10: Pravo 16 no. 3:24-33 Jl-S '61.

BANKS AND BANKING
(see also subdivision under Leningrad; United States)
Additions and deficiencies of control over cost reduction in construction. D. Dukel'skii. Fin. SSSR 22 no 8: 40-43 Ag '61
Subject the construction of enterprises manufacturing mineral fertilizers to a strict control. A. Poparechnyi, E. Korobkova. Fin. SSSR 22 no. 8:35-39 Ag '61.
Unused possibilities. A. Danilov. Fin SSSR 22 no. 8 67-70 Ag '61.

BAPTISTS
Local news. Brat. vest. no. 2:77-79 '61.
To all parishes of Evangelical Christians and Baptists in the U.S.S.R. Brat. vest. no. 2:5 '61.
To all parishes of Evangelical Christians and Baptists in the U.S.S.R. Brat. vest. no. 3:3 '61.

BAPTISTS—RELATIONS
Letters of condolence. Brat. vest. no. 3:74-75 '61.

BARANSKII, NIKOLAI NIKOLAEVICH, 1881-
Nikolai Nikolaevich Baranskii's 80th birthday. A. A. Dometti and others. Geog. v shkole 24 no. 4:7-8 Jl-Ag '61.

BARBITURIC ACID
Polarographic and adsorptive properties of benzoyl derivatives of some barbiturates. K. R. Voronova, A. G. Stromberg. Zhur. ob. khim. 31 no. 8:2786-2792 Ag '61.

BARENTS SEA—CODFISH
Possible effect of feeding on the abundance of young codfish. I. IA. Ponomarenko. Trudy sov. ikht. kom. no. 13: 301-306 '61.

BARENTS SEA—OCEAN CURRENTS
Permanent currents in the northern part of the Barents Sea. V. P. Novitskii. Trudy GOIN no. 64:3-32 '61.
Some data on water exchange between the Barents and the Norwegian Seas. B. P. Kudlo. Trudy GOIN no. 64: 33-38 '61.

BARENTS SEA—RAYS (FISHES)
Raja hintea Fries in the boundary region between the Norwegian and Barents Seas [with summary in English]. V. P. Ponomarenko. Zool. zhur. 40 no. 8:1260-1261 Ag '61.

BARENTS SEA—SEA ICE
Some characteristics of seasonal and long-range variations in the position of the ice edge in the Barents Sea. N. S. Uralov. Trudy GOIN no. 64:39-77 '61.

BARITE
Reduction of barite by natural petroleum gases. G. B. Shakhtakhtinskii, S. M. Guseln-Zade, G. Bagirov. Azerb. khim. zhur. no. 2:135-139 '60.

BARIUM—ISOTOPES
Quadrupole moments and isotopic displacements in barium isotopes. N. I. Kaliteevskii, E. D. Fradkin, M. P. Chaika. Izv. AN SSSR. Ser. fiz. 25 no. 9: 1176-1179 S '61.

BARIUM CHLORIDE
Effect of barium chloride on the physicochemical properties of cryolite-alumina melts. A. I. Belinev, L. A. Frianova. Izv. AN SSSR Otd. tekh. nauk. Met. i topl no 4 3-11 Jl-Ag '61.

BARIUM COMPOUNDS
Gerieva, M. Kh. [New special-purpose cement] Novyi tsement spetsial'nogo naznacheniia. Ordzhonikidze, Severo-Osetinskoe knizhnoe izd-vo, 1961. 74 p.

BARIUM HAFNATE
Some data on the $BaTiO_3$--$BaHfO_3$ phase diagram. E. G. Fesenko, O. I. Prokopalo. Kristallografiia 6 no. 3:460-470 My-Je '61.

BARIUM OXIDE
Effect of barium oxide on the viscosity and desulfurizing capacity of blast furnace slags. L. I. Stepushova. Izv. AN SSSR Otd. tekh. nauk Met. i topl. no 4:18-23 Jl-Ag '61

BARIUM TITANATES
Some data on the $BaTiO_3$--$BaHfO_3$ phase diagram. E. G. Fesenko, O. I. Prokopalo. Kristallografiia 6 no. 3:460-470 My-Je '61.

BARIUM TITANATES—ELECTRIC PROPERTIES
Anomalous changes in lattice periods and in the dielectric and piezoelectric properties of (Ba, Pb)TiO_3 solid solutions. IU. N. Venevtsev and others. Kristallografiia 6 no. 3:375-380 My-Je '61.
Wave guide method for measuring the permeability of barium titanates. IU. A. Smirnov. Uch. zap. Kuib. gos. ped. inst no. 29 93-96 '59.

BARK BEETLES see subdivision under Khuto District

BARLEY see subdivision under Pamirs

BARNAUL—ARCHITECTURE
Color composition in architecture of the central thoroughfare in Novosibirsk and Barnaul. V. P. Borzov. Izv. vys. ucheb. zav., stroi. i arkhit. 1 no. 4 140-160 '61.

BARNAUL—AUXILIARY POLICE
Developing militia's inner beauty. IU. Popov. Sov. profsoiuzy no. 17:42-43 S '61

BASEBALL
Russian baseball (lapta). Samson Gliazer. Sem'ia i shkola 10 no. 8:47-48 Ag '61.

BASHKIRIA—CONSTITUTION
Bashkir A. S. S. R. Constitution. [Constitution (fundamental law) of the Bashkir Autonomous Soviet Socialist Republic; with amendments adopted at the sessions of the Supreme Soviet of the Bashkir A. S. S. R.] Konstitutsiia (osnovnoi zakon) Bashkirskoi Avtonomnoi Sovetskoi Sotsialisticheskoi Respubliki; s izmeneniiami i dopolneniiami, prinintymi na sessiiakh Verkhovnogo Soveta Bashkirskoi ASSR. Ufa, Bashkirskoe knizhnoe izd-vo, 1961. 27 p.

BASHKIRIA—CONSTRUCTION INDUSTRY
Bashkirian interfarm construction trust mobilizes its potentials. P. Silvnev. Sel' stroi. 16 no. 7:6-8 Jl '61.

BASHKIRIA—GEOLOGY, STRATIGRAPHIC
Correlation of the lower Carboniferous terrigenous stratum of northwestern Bashkiria based on the palynological and mineralogical analysis of clayey rocks. R. T. Valiullina, V. N. Chernomorskii. Dokl. AN SSSR 130 no. 5 1181-1184 Ag '61.

BASHKIRIA—ICE
Glazed frost in Bashkiria. A. A. Patskov. Meteor. i gidrol. no. 9:39-40 S '61.

BASHKIRIA—LAND TENURE
"Stolypin's agrarian reform in Bashkiria" by Kh. F. Usmanov. Reviewed by I. G. Akmanov. Vop. ist. no. 9: 155-157 S '61.

BASHKIRIA—OIL FIELDS—PRODUCTION METHODS
Ufa Petroleum Scientific Research Institute in the struggle for advanced technology. K. A. Batrak. Neftianik 5 no 8:2-3 Ag '60.

BASHKIRIA—OIL SANDS—PERMEABILITY
Results of the study of the jointing and reservoir properties of Paleozoic rocks in eastern Bashkiria as exemplified by the Kinzebulatovo field. V. K. Gromov, R. K. Petrova. Trudy VNIGRI no. 165:56-80 '61.

BASHKIRIA—ROCK DRILLS—TESTING
Results of testing diamond bits in drilling small-diameter wells in Bashkiria. S. I. Kuvykin, N. G. Kagarmanov. Neft. khoz. 38 no. 4:31-37 Ap '60.

BASHKIRIA—THEATER
"Sea gull" Z Finitskaia Teatr 22 no 9 116-117 S '61

BASKAN VALLEY—GLACIERS
Glacier dynamics in the Baskan River basin of the Dzungarian Ala-Tau in 1956-1957 P A Cherkasov Trudy Otd geog AN Kazakh SSR no 8 75-97 '61

BASKETBALL see subdivision under Riga

BATHROOMS
New means of making waterproof underlayers. K Shkerbelis. Zhil stroi no. 7 35 Jl '61

BATHS, MOOR AND MUD see subdivision under Saki (Crimea)

BATS
Physiological characteristics of thermoregulation in bats [with summary in English] K P Ivanov Biul eksp biol i med 51 no 4 12-16 Ap '61
Structure of spinal neuroplexuses in bats (Myotis oxygnathus) V S Abashidze. Trudy Inst. eksp morf AN Gruz SSR 8 127-129 '60

BATTERIES, ELECTRIC see Storage batteries

BATTERIES, SOLAR see Solar batteries

BATUM—PETROLEUM REFINERIES
The tanks of the brigades of communist labor are broadening V G. Belianskii Neftianik 5 no 8 4 Ag '60.

BAUDOUIN DE COURTENAY, JAN IGNACY NIECISLAW, 1845-1929
Once upon a time... (to be continued). Viktor Shklovskii. Znamia 31 no.9:176-187 S '61.

BAUXITE
Leaching of bauxites by high-modulus alkali solutions. V D. Ponomarev and others Izv AN Kazakh SSR Ser met., obog, i ugneup. no. 2,27-32 '61

BAYAUT REGION—IRRIGATION
Reclamation of second-order lands of the Bayaut massif A. F. Sosedko Mat. po proizv sil Uzb no 15 271-280 '60.

BAYGIL'DINA, ROZA KHASANOVA
Baygil'dina, Roza Khasanova. Fiz. v shkole 21 no 2:9 Mr-Ap '61

BEACH EROSION see subdivision under Kakhovka Reservoir

BEADS—CLASSIFICATION see subdivision under Russia, Southern

BEAMS AND GIRDERS
Beam on a two-layer semispace beyond the elastic limit A P Sinitsyn Issl po teor sooruzh no 10:117-126 '61
Calculating deformations of prestressed concrete beams of varying height with two sloping surfaces G. I. Berdichevskii. Bet. i zhel.-bet no 8:376-381 Ag '61
Designing reinforced concrete beams for shear strength K. V. Zelenskii Shor. nauch. rab Inst bud i arkhit AN BSSR no 4:108-112 '60.
Determining engineering parameters for section parts subjected to bending and stretching A F Akhmerov, I F. Parkhomenko Izv. vys. ucheb. zav., av tekh 4 no. 3,127-133 '61
Elements for fastening crane rails to reinforced concrete beams. Biul stroi tekh 18 no. 7 37-38 Jl '61
Package method of manufacturing reinforced concrete beams. M. Karchemskii. Stroi i arkhit. 9 no. 7 17-18 Jl '61.
Prestressed concrete beams for bridge crane supports. Biul stroi. tekh. 18 no. 7.35-37 Jl '61
Prestressed concrete beams with two sloping surfaces. Biul stroi tekh. 18 no. 7 28-31 Jl '61.
Rigidity of beams under transverse flexure. A. V. Dinlov Issl po teor sooruzh. no 10 69-80 '61.
Shortened prestressed concrete beams with two sloping surfaces. Biul stroi. tekh. 18 no 8:21 Ag '61.

BEAMS AND GIRDERS, CONTINUOUS
Designing continuous beams for a live load according to the limiting state, taking into account the plastic properties of the material V A. Kiselev. Issl. po teor. sooruzh. no 10:134-155 '61

BEAMS AND GIRDERS, CONTINUOUS—VIBRATION
Determining the frequency of natural vibrations in regular continuous beams with distributed loading L. M Turovskii Issl po teor sooruzh. no 10:10-22 '61.

BEANS see subdivision under Kazakhstan; Ural Mountain region

BEARINGS (MACHINERY)
Friction compensation in bearings of a rotating shaft. B. A. Komashinskii. Priborostroenie no. 8,26-27 Ag '61.
Graphoanalytic analysis of the motion of the journal in a bearing A G. Burgvits, G A Zav'ialov Trudy Inst mash Sem. po teor mash 22 no 87 31-38 '61
Investigating antifriction properties of materials for sliding bearings operating in an alkaline medium I V Vasil'ev, A. D Gopius Trudy NIIKHIMMASH no 27 120-126 '59
Investigating antifriction properties of materials for sliding bearings operating in chloride solutions I V Vasil'ev, A. D Gopius Trudy NIIKHIMMASH no 27, 137-141 '59.
Losev, A. V., and others. [Using and repairing antifriction bearings in locomotives] Ekspluatatsiia i remont podshipnikov kacheniia lokomotivov. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenii, 1961. 102 p.

BEAUTY CULTURE
Fridman, R. A. [Consumer's information about perfumery and cosmetics] Pokupateliu o parfumerii i kosmetike. [Leningrad] Gostorgizdat, 1961. 191 p.
Notes of a make-up specialist. Vladimir IAkovlev. Ogonek 39 no. 33,28 Ag '61

BEDNYI, DEM'IAN, 1883-1945
Dem'ian Bednyi as skillful satirist. V. I. Rudova. Shor trud Arkh gos ped inst no 3 99-122 '59

BEE CULTURE—ACCOUNTING see subdivision under Aidatov District, Orenburg Province

BEE EATERS—PARASITES see Parasites—Bee eaters

BEECH see subdivision under Caucasus

BEES
Changes with age in the height of wax glands in different bee groups [with summary in English]. E. D. Bozina. Zool zhur. 40 no 8 1159-1163 Ag '61.

BEETLES, FOSSIL see subdivision under Baltic Sea region

BELAYA TSERKOV'—SUGAR BEETS
Monospermous sugar beets from Belaya TSerkov'. O. K. Kolomiets Shkola i proizv 5 no 6 70-73 Je '61.

BELAYA VALLEY (BASHKIRIA)—CAVE DRAWINGS
Traces of early cave drawings in the southern Urals. O. N. Bader. Sov arkheol 5 no 3:319-320 '61

BELEMNITES see subdivision under Azerbaijan

BELGOROD-DNESTROVSKIY—DESCRIPTION
Kliuchnik, A.G. [Belgorod-Dnestrovskiy] Belgorod-Dnestrovskii. [Odessa] Odesskoe knizhnoe izd-vo, 1960. 145 p. (MIl)

BELIAVSKAIA, ANNA PETROVNA
Beliavskaia, Anna Petrovna. Fiz. v shkole 21 no. 3:7 My-Je '61

BELINSKII, VISSARION GRIGOR'EVICH, 1811-1848
Difficult lot. N. Smirnov-Sokol'skii. Ogonek 39 no. 24 17 Je '61.
Heroic deed of Russian criticism. B. Riurikov. Ogonek 39 no. 24,16-17 Je '61.
How the Russian revolutionary democrats of the 1860's struggled for the ideological legacy of V. G. Belinskii, on the 150th anniversary of V G Belinskii's birth. M P Protasova Obshchestv nauki v Uz no 6:11-15 '61
Hundred fiftieth anniversary of V. G. Belinskii's birth Vest. AN SSSR 31 no. 8:129-132 Ag '61.
Meetings with a stranger. Mark Poliakov. Nauka i zhizn' 28 no 8:80-83 Ag '61.
The 150th anniversary of V. G Belinskii's birth. Sov pedag 25 no. 8:160 Ag '61.
The 150th anniversary of V. G. Belinskii's death. Vest Mosk. un Ser 7. Filol., zhur. 16 no. 5 92-94 S-O '61.
Training decides man's fate. M. Shabaev. Sem'ia i shkola 16 no. 6:10-11 Je '61.
V. G. Belinskii on child psychology. P. Razmyslov. Sem'ia i shkola 16 no 6 12 Je '61.

BELLINGSHAUSEN, FADDEI FADDEIEVICH, 1799-1852
Russian seafarers at the southern continent; 140th anniversary of the end of the first round-the-world Antarctic expedition of F. F. Bellingshausen and M. P. Lazarev. D. M. Lebedev. Priroda 50 no. 9:78-83 S '61.

BELOMORSK—SAWMILLS
From the editors' mail. Sots. trud 6 no. 8:131-132 Ag '61.

BELOVO—SOIL STABILIZATION
Compaction of sagging loams with high moisture content. A. O. Cherkasov. Osn., fund. i mekh. grun. 3 no. 4: 22 '61.

BELTS AND BELTING
Flat-toothed belts. F. M. Sokolovskaia. San. i instr. 32 no. 8:16-18 Ag '61

BENDING MACHINES
Fedorov, N. A., and I. Z. Shabol'skii. [Multipurpose automatic bending machines] Universal'no-gibochnye avtomaty. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 182 p.

BENTHOS see subdivision under Danube Delta, Kilyiskoe Girlo region

BENTONITE
(see also subdivision under Koles region, Khanbr District)
Electrochemical study of bentonite suspensions. Part I. Potentiometric titration of aminobentonite complexes [with summary in English]. I. A. Uskov, I. I. Rabinovich Kolloid. zhur. 23 no 4,469-474 Jl-Ag '61
Electrodialysis of suspensions. Part 1: Electrodialysis of bentonite [with summary in English] III M Gerasimovskii, I. M Boikova Vest. LGU 16 no 16 105-113 '61
More on purification of juices with bentonites. V. I. Chopik, M. A. Kokhan, A. P. Gaiduk. Sakh. prom. 35 no. 8 21-23 Ag '61

BENZENE
Absorption band frequencies and intensities of some substituted benzenes in the region of the valence oscillations of C - H aromatic bonds M. P. Kirshina, E. N. Klimanova Opt. i spektr. 11 no 3,385-391 Ag '61
Alkylation of benzene with allyl bromide in the presence of sulfuric acid. IU G. Mamedaliev, R. A. Dzhafarova, A. R. Musaeva Azerb. khim. zhur. no 2, 1-8 '61
Dehydrogenation of a vat residue after the removal of cumene by distillation from a catalizate obtained in the alkylation of benzene with propylene in the presence of aluminum. D. A. Akhmedzade, V. D. [Amirgulibli], G. I. Avetisian Azerb. khim. zhur. no 1:55-61 '61
Investigating the process of dehydrogenation of butylbenzene into (butenyl) benzene A. Z. Shikhmamedbekova, N. A. Sevost'ianova, S. I. Sadykh-Zade. Azerb. khim. zhur. no 5 37-46 '60
Statistical thermodynamic calculation of adsorption equilibrium for benzene on graphite A. V. Kiselev, D. P. Poškus. Dokl AN SSSR 139 no 5 1145-1148 Ag '61

BENZENE—DIPOLE MOMENTS
Dipole moments of disubstituted benzenes having electron-acceptor functional groups [with summary in English]. A. E. Lutskii, V. T. Alekseeva, B. P. Fabrichnyi, G. A. Shvekhgeimer, A. I. Shatenshtein, L. N. Ivanova, I. A. Dyatkina. Zhur. fiz. khim. 35 no. 8:1708-1709 Ag '61

BENZENE—ELECTRIC PROPERTIES
Temperature dependence of the complex dielectric permeability of chlorobenzene and bromobenzene at a wavelength of 11.5 cm L. M Imanov, K. I. Zul'fugarzade Izv AN Azerb. SSR Ser. fiz.-mat. i tekh. nauk no 5 117-127 '60

BENZENE—SPECTRA
Raman spectra of (mono)amylbenzene isomers. I. G. Ismailzade and others. Azerb. khim. zhur. no 4 73-76 '60.
Raman spectra of some tri- and tetraalkylbenzenes and condensed aromatic hydrocarbons Kh. P. Sterina and others. Izv AN SSSR Otd. khim. nauk no 8 1444-1450 Ag '61
Simplified calculation method in analyzing low intramolecular oscillations of mono-substituted derivatives of benzene. Part 1 A. V Sechkarev. Izv vyssh. ucheb. zav., fiz no. 3,88-94 '61
Spectral investigations of benzene. V. L. Broude. Dep. fiz. nauk 74 no. 4:577-600 Ag '61.
Vibration spectra of aromatic compounds. Part 8 Characteristics vibrations of 1, 2-o-disubstituted benzenes. A. M. Bogomolov. Opt. i spektr 10 no 3,522-527 Mr '61

BENZENE CRYSTALS—SPECTRA
Absorption spectra of crystals of ordinary and deuterated benzene at 20°K. V. L. Broude, M. I. Chopin [and others] Opt. i spektr. 10 no. 5:634-639 My '61.

BENZENETHIOL
Addition of thiophenol to β-cyan-vinyl ketones A. N. Nesmeianov, L. V. Rybin, M. I. Rybinskaia Izv AN SSSR. Otd. khim nauk no 8 1451-1453 Ag '61

BENZILIC ACID
Alkylaminoethyl esters of benzilic and diphenylacetic acids. S. G. Kuznetsov. Zhur. ob. khim. 31 no 8 2623-2629 Ag '61.

BENZIMIDAZOLE
Scientific conference on experimental study and clinical testing of dimezol. M. A. Rozin. TSitologiia 3 no. 4 494-495 Jl-Ag '61.

BENZOIC ACID
Effect of certain substances on the solubility of benzoic acid in ethyl alcohol and a 50% mixture of ethyl alcohol and water. V. F. Sergeeva, G. P. Kalnzhinova Zhur ob. khim. 31 no. 8,2245-2248 Ag '61.
Energy of formation of a free benzoate radical [with summary in English]. Kh. S. Bagdasar'ian. Zhur fiz. khim. 35 no. 8:1774-1776 Ag '61.

BENZOIC ACID (Continued)

ω-Dialkylamino alkyl esters of 3, 4, 5-trimethoxybenzoic acid. Part 2. V. M. Solov'ev, A. P. Arendaruk, A. P. Skoldinov. Zhur. ob. khim. 31 no. 8: 2577-2585 Ag '61.

BENZOPYRYLIUM COMPOUNDS

Furanidinebenzopyrylium salts. I. K. Korobitsyna, In' Chan'-le, Iu. K. Iur'ev. Zhur. ob. khim. 31 no. 8: 2548-2552 Ag '61.

BENZOYLATION

Acylation of aromatic compounds in the presence of metal catalysts. Benzoylation of naphthalene. Uzb. khim. zhur. no. 4: 58-63 '61.

BERDYANSK—LUBRICATION AND LUBRICANTS

Operation of oxidation equipment and the production of lubricants based on synthetic fatty acids at the Berdyansk Petroleum Oil Plant. D. V. Fuerman. Proizv. smaz. mat. no. 6/8: 60-63 '61.

BERDYEV, TAGAN BERDYEVICH, 1911-

Professor T. B. Berdyev, member of the Academy of Sciences of the Turkmen S.S.R. Izv. AN Turk. SSR. Ser. obshchestv. nauk no. 3: 96-97 '61.

BEREZOVKA DISTRICT—COLLECTIVE FARMS

A beacon summons. Pavel Obloga. Sov. Ukr. 11 no. 9: 115-130 S '61.

BERING SEA—SEDIMENTS (GEOLOGY)

Stratigraphy of sediments and paleogeography of the Bering Sea in the Quaternary period. Kh. M. Saidova, A. P. Lisitsyn. Dokl. AN SSSR 139 no. 6: 1221-1224 Ag '61.

BERLIN—INTERNATIONAL STATUS

Put an end to the occupation of West Berlin! N. Sidorov. Kommunist 38 no. 14: 157-160 S '61.

BERLIN—TRADE UNIONS

Cultural work in a trade-union group. Adelheid Hugeland, Monica Nawratsel. Sov. profsoiuzy 17 no. 18: 11 S '61.

BERLIN, BATTLE OF, 1945

The first blow. S. Pereverkin. Voen. vest. 41 no. 5: 15-19 My '61.

BERLIN QUESTION (1945-)

Airplane arrived from Berlin. G. Gurkov. Ogonek 39 no. 35: 6 Ag '61.

To prevent fire.... G. Gurkov. Ogonek 39 no. 34: 4-5 Ag '61.

BERRIES

Lobanov, G. A. [New varieties of fruits and berries] Vyvedenie novykh sortov plodovykh i iagodnykh rastenii. Izd. 3., ispr. i dop. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 183 p. (DA)

BERSHAD' DISTRICT—AMATEUR ART ACTIVITIES

Making his dream come true. V. Makogon. Sov. Ukr. 11 no. 9: 104-106 S '61.

BERSHAD' DISTRICT—RURAL LIBRARIES

It's our duty. V. Kavun. Sots. kul't. no. 8: 34 Ag '61.

BERYLLIUM

Properties of the lower states of Li^5 and Be^8 nuclei appearing in the decay of light nuclei. S. S. Vasil'ev, V. V. Komarov, A. M. Popova. Izv. AN SSSR. Ser. fiz. 25 no. 9: 1117-1120 S '61.

BERYLLIUM COMPOUNDS

Determination of the solubility of beryllium carbide in a liquid copper-beryllium alloy. F. Sh. Muratov, A. V. Novoseleva. Zhur. neorg. khim. 6 no. 8: 1974-1976 Ag '61.

BERYLLIUM-COPPER ALLOYS see Copper-beryllium alloys

BERYLLIUM CRYSTALS—GROWTH

Oriented growth of beryllium precipitates on textured and isotropic base layers. V. M. Amonenko and others. Fiz. met. i metalloved. 12 no. 1: 73-77 Jl '61.

BERYLLIUM-NICKEL ALLOYS see Nickel-beryllium alloys

BERYLLIUM OXIDES—THERMAL PROPERTIES

Heat content of beryllium and lithium oxides at high temperatures [with summary in English]. E. N. Rodigina, K. Z. Gorneľskii. Zhur. fiz. khim. 35 no. 8: 1828-1831 Ag '61.

BESKARGAYSKIY DISTRICT—RETAIL TRADE

Conduct exhibitions and sales! G. Filippov. Koop. Kazakh. 4 no. 5/6: 73-74 My-Je '61.

BESSEL'S FUNCTIONS

Asymptotic expansion of cylindrical functions of two imaginary variables. P. I. Kuznetsov. Zhur. vych. mat. i mat. fiz. 1 no. 4: 571-589 Jl-Ag '61.

BETA RAYS

Asymmetry of the beta radiation from Co^{60} nuclei polarized in a cobalt-iron alloy. B. N. Samoilov and others. Zhur. eksp. i teor. fiz. 40 no. 6: 1871-1871 Je '61.

Using the "TISS" radiometer for recording soft Beta radiation. A. O. Furman, I. I. Kobzev. Izv. TSKhA no. 2: 232-233 '61.

BETA RAYS—INDUSTRIAL APPLICATIONS

Radioactive method of determining the amount of color on the impression. V. P. Mel'nikov. Poligr. proizv. no. 7: 14-16 Jl '61.

BETA RAYS—MEASUREMENT

Dose distribution along the axis of a flat beta-applicator. Report No. 1. Homogeneous medium. A. M. Kononenko, V. A. Petrov, V. E. IAkhontova. Radiobiologiia 1 no. 3: 452-460 '61.

Using the ionization chamber as a standard unit for measuring the activity of beta-emitting substances. K. K. Aglintsev. Izm. tekh. no. 9: 39-42 S '61.

BIBENZYL

Absorption of vapors of organic compounds. Part 2. Dibenzyl and stilbene. O. P. Kharitonova. Opt. i spektr. 10 no. 6: 745-749 Je '61.

BIBLIOGRAPHICAL EXHIBITIONS see subdivision under Moscow

BIBLIOGRAPHY

[Book chronicle.] Knizh. let. nos. 36, 38 '61.

[Book chronicle.] Knizh. let. no. 37 '61.

[Information index of bibliographical lists and card files.] Inform. ukaz. bibl. spis. i kart. no. 16 Ag '61.

[Information index of bibliographical lists and card files.] Inform. ukaz. bibl. spis. i kart. no. 17 S '61.

New books. Komm. Vooruzh. Sil 1 no. 2: 94 O '60.

New books. Komm. Vooruzh. Sil 1 no. 3: 93 N '60.

New books. Kommunist 38 no. 15: 127-128 O '61.

New books. Nauka i zhyttia 10 no. 3: 62 Mr '60.

[New books.] Nov. knigi no. 37 S '61.

[New books.] Nov. knigi nos. 38-40 S-O '61.

These books will be published in 1961. Komm. Vooruzh. Sil 1 no. 2: 90-91 Ja '61.

BIBLIOGRAPHY—AERONAUTICS

New books. Grazhd. av. 18 no. 8: 32 Ag '61.

BIBLIOGRAPHY—AGRICULTURE

[Agricultural literature of the U.S.S.R.] Sel'khoz. lit. SSSR nos. 5-6 '61.

Dissertations. Vest. sel'khoz. nauki 6 no. 8: 55, 74, 89 Ag '61.

In the Scientific Council of the Academy. Izv. TSKhA no. 2: 237-240 '61.

[Information bulletin of new foreign books, received by the Lenin Library. Series 2: Biological, medical, and agricultural sciences.] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 2: Biol., med. i sel'skokhoz. nauki nos. 25-26 '61.

[Information bulletin of new foreign books, received by the Lenin Library. Series 2: Biological, medical, and agricultural sciences.] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 2: Biol., med. i sel'skokhoz. nauki no. 27 '61.

New books. Visnyk sil'hosp. nauky 3 no. 4: 96 Ap '60.

[New foreign books. Series V: Biology, medicine, agriculture] Nov. knigi za rub. Ser. V: Biol., med., sel'. khoz. nos. 8-9 Ag-S '61.

New textbooks and manuals on production instruction in rural schools. R. D. Chmir. Rad. shk. 40 no. 6: 84-85 Je '61.

Publications of the Lenin All-Union Academy of Agricultural Sciences. Vest. sel'khoz. nauki 6 no. 8: 138 Ag '61.

Works of scientific institutions. Vest. sel'khoz. nauki 6 no. 8: 155 Ag '61.

BIBLIOGRAPHY—AGRICULTURE—ACCOUNTING

New books on economics and accounting in agriculture. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 8: 58-59 Ag '61.

BIBLIOGRAPHY—AGRICULTURE—ECONOMIC ASPECTS

New books on economics and accounting in agriculture. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 8: 58-59 Ag '61.

Pamphlets on the questions of economics. A. Pyrs'kyi. Nauka i zhyttia 10 no. 3: 58-59 Mr '60.

BIBLIOGRAPHY—ANATOMY

List of principal published scientific works by Academician Aleksandr Nikolaevich Natishvili. Trudy Inst. eksp. morf. AN Gruz. SSR 6: 7-9 '60.

BIBLIOGRAPHY—ARMENIAN LITERATURE—HISTORY AND CRITICISM

Babajan, A. S. [Armenian literary ties, 1920-1960; bibliographic materials] Armianskie literaturnye sviazi, 1920-1960; materialy k bibliografii. Erevan, Izd-vo Akad. nauk Armianskoi SSR, 960. 150 p. (CU)

BIBLIOGRAPHY—ART, CHINESE

Soviet publications on Chinese art [in English]. N. V. Shepeleva. Vest. ist. mir. kul't. no. 1: 155-161 Jl-Ag '61.

BIBLIOGRAPHY—ASTRONOMY

New books and articles on physics, engineering and astronomy. Fiz. v shkole 21 no. 2: 105-106 Mr-Ap '61.

New books on physics, technology, and astronomy. Fiz. v shkole 21 no. 3: 105-107 My-Je '61.

BIBLIOGRAPHY—ASTROPHYSICS

Abstracts of articles on astrophysics published in the "Radiofizika" vol. 3, nos. 5 and 6, 1960. Astron. zhur. 38 no. 4: 783-784 Jl-Ag '61.

BIBLIOGRAPHY—AUTOMATIC CONTROL

New books. Priborostroenie no. 8: 3 of cover Ag '61.

BIBLIOGRAPHY—AUTOMATION

Moscow. TSentral'naia politekhnicheskaia biblioteka. [Over-all mechanization and automation of production, bibliography] Kompleksnaia mekhanizatsiia i avtomatizatsiia proizvodstvennykh protsessov, bibliograficheskii ukzor literatury. Moskva, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, 1958. 30 p. (Material v pomoshch' lektoru)

BIBLIOGRAPHY—BIBLIOGRAPHY

[Bibliography of Soviet bibliography, 1959.] Bibliografiia sovetskoi bibliografii, 1959. publ. 1961. 500 p.

BIBLIOGRAPHY—BIOLOGY

Bookshelf. TSitologiia 3 no. 1: 496-500 Jl-Ag '61.

[Information bulletin of new foreign books, received by the Lenin Library. Series 2: Biological, medical, and agricultural sciences.] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 2: Biol., med. i sel'skokhoz. nauki nos. 25-26 '61.

[Information bulletin of new foreign books, received by the Lenin Library. Series 2: Biological, medical, and agricultural sciences.] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 2: Biol., med. i sel'skokhoz. nauki no. 27 '61.

[New foreign books. Series V: Biology, medicine, agriculture] Nov. knigi za rub. Ser. V: Biol., med., sel'. khoz. nos. 8-9 Ag-S '61.

BIBLIOGRAPHY—BUILDING MACHINERY

New books. Stroi. i dor. mash. 6 no. 8: 3 of cover Ag '61.

BIBLIOGRAPHY—CEMENT INDUSTRIES

Bibliography. TSement. 27 no. 4: 32 Jl-Ag '61.

BIBLIOGRAPHY—CHEMICAL ENGINEERING

Bibliography. Khim. mash. no. 4: 47-48 Jl-Ag '61.

BIBLIOGRAPHY—CHEMISTRY

Informational publications of the NIITEKHIM [Scientific Research Institute of the State Committee on Chemistry attached to the Council of Ministers of the U.S.S.R.]. Khim. v shkole 16 no. 1: 96 Jl-Ag '61.

New books. Khim. v shkole 16 no. 4: 93 Jl-Ag '61.

BIBLIOGRAPHY—CHILDREN

New books. Sem'ia i shkola 16 no. 6: 47 Je '61.

BIBLIOGRAPHY—CHILDREN'S LITERATURE

New books of the State Publishing House for Children's Literature. V. E. Stepanova. Prep. ist. v shkole 16 no. 5: 108-113 S-O '61.

BIBLIOGRAPHY—CHINA

"Bibliography of China" by P. E. Skachkov. Reviewed by K. I. Shafranovskii, T. K. Shafranovskaia. Nar. Azii i Afr. no. 2: 179-182 '61.

BIBLIOGRAPHY—COMMERCE

Dissertations on the economics of commerce and the science of staple commodities. Sov. torg. 34 no. 8: 59-60 Ag '61.

BIBLIOGRAPHY—COMMUNISM

Bookshelf. Prep. ist. v shkole 16 no. 5: 113-118 S-O '61.

Communism and the theory of the socialist state. A. Dolinin. Polit. samoobr. 6 no. 9: 148-152 S '61.

BIBLIOGRAPHY—COMMUNIST PARTY IN LITERATURE

Literary works recommended for students of the history of the CPSU. A. Nikitin. Komm. Vooruzh. Sil 1 no. 4: 85-90 N '60.

Literary works recommended for students of the history of the CPSU. A. Nikitin. Komm. Vooruzh. Sil 1 no. 5: 88-93 D '60.

Portrayal of the Communists in Soviet literature. N. Chumakov, L. Skrzhypchak. Sots. kul't. no. 8: 40-43 Ag '61.

BIBLIOGRAPHY—COMMUNIST PARTY OF THE SOVIET UNION

Brief review of the literature on the work of the CPSU during the Great Patriotic War I V. Stavitskii, G A. Kumanev Vop ist KPSS 5 no 5 158-175 '61

Brief reviews of new books. Polit. samoobr. 5 no. 9: 155-157 S '61.

Documents and articles on the history of the CPSU and the international communist and labor movement published in May and June of 1961 in periodicals and scholarly serials. Vop ist KPSS 5 no 5 205-210 '61.

BIBLIOGRAPHY—COMMUNIST STATE

Communism and the theory of the socialist state. A. Dolinin. Polit. samoobr. 5 no 9 146-152 S '61

BIBLIOGRAPHY—COMMUNISTS

Literature on party members. I. Gubanov, V. Fat'ianov. Polit. samoobr. 5 no. 9:152-155 S '61.

BIBLIOGRAPHY—CONCRETE

Summaries of articles from foreign magazines. Stroi i dor mash. 6 no 8 40 Ag '61

BIBLIOGRAPHY—CONSTRUCTION INDUSTRY

From the pages of foreign magazines. Zhil. stroi. no 7 3 of cover Jl '61.

From the pages of magazines Stroi i dor mash 6 no 8 38-40 Ag '61

New literature on construction. Biul. stroi. tekh. 18 no. 7 47 Jl '61.

New literature on construction. Biul. stroi. tekh. 18 no. 8:46-48 Ag '61.

BIBLIOGRAPHY—DISSERTATIONS, ACADEMIC

Defense of theses. A. K. Chernenko. Izv Sib. otd. AN SSSR no. 7:129-132 '61.

Dissertations for the degree of candidate of technical sciences A. S. Sergeev. Elektrichestvo no 4 92-94 Ap '61.

BIBLIOGRAPHY—DIVING, SUBMARINE

Recommended reading. Nauka i zhizn' 28 no. 7:102 Jl '61.

BIBLIOGRAPHY—EARTHQUAKES AND BUILDING

Papers from the Second World Conference on Earthquake Resistant Construction. Biul. stroi. tekh 18 no. 7:45-47 Jl '61.

BIBLIOGRAPHY—ECONOMICS

[New foreign books on the social sciences; economics, philosophy, history, international relations.] Nov. knigi za rub. po obshchestv. naukam; ekon., filos., ist., mezhdunar. otn. 4 no. 9 S '61.

BIBLIOGRAPHY—EDUCATION

Bookshelf. Nar. obr. no 9:115, 117-118 S '61.

Literature on boarding schools and schools and groups with longer hours B Mel'nychenko Rad. shk 40 no 7 92 Jl '61.

To be published. Sem'ia i shkola 16 no. 8:42 Ag '61.

BIBLIOGRAPHY—EDUCATION, COOPERATIVE

Student work brigades and research in general schools, list of literature Rad. shk 40 no 6 85-88 Je '61.

BIBLIOGRAPHY—EDUCATION, PRESCHOOL

Library of the preschool education worker. I. Vinnyk. Doshk. vykh. 22 no. 9:42 S '61.

New books on the education of preschool children. L. G. Doshk. vykh. 22 no. 9:40-42 S '61.

BIBLIOGRAPHY—EDUCATION OF CHILDREN

To be published. Sem'ia i shkola 16 no. 6:47 Je '61.

BIBLIOGRAPHY—ELECTRONIC CALCULATING MA-

mat. fiz. 1 no. 2:368-

nics.] Annot. ukaz. lit.

nics.] Annot. ukaz. lit.

, engineering and
), 2:105-106 Mr-Ap

IERICAN

ged V. Kazarinov.
92 N '60.

ZATION
ew machinery and
nended literature]
aistvo; rekomendatel'-
ie. biblioteka SSSR
rosti nauki i tekhniki,

BIBLIOGRAPHY—FOLKLORE

Mel'ts, M. IA., comp. [Russian folklore; bibliographic index, 1946-1956] Russkii fol'klor, bibliograficheskii ukazatel', 1945-1959. Pod red. A. M. Astakhovoi i S. P. Luppova. Leningrad, Biblioteka Akad. nauk SSSR, 1961. 401 p.

BIBLIOGRAPHY—FOUNDATIONS

Works on soil mechanics and foundation construction published in 1960-1961. Osn., fund. i mekh. grun. 3 no. 4:3 of cover-4 of cover '61.

BIBLIOGRAPHY—FREQUENCY REGULATION

Defense of dissertations. A. L. Zinov'ev, V. A. Grotzhevskii. Izv. vys. ucheb. zav., radiotekh. 3 no 6 671 N-D '60

BIBLIOGRAPHY—FRUIT CULTURE

Recent developments in fruit and berry culture. B. A. Bykov. Priroda 50 no. 9:122-123 S '61.

BIBLIOGRAPHY—GEOGRAPHY

Books on the geography of the U. S. S. R. Reviewed by I. S. IUn'ev. Geog. v shkole 24 no. 5:93-96 S-O '61

BIBLIOGRAPHY—GEOLOGICAL TIME

Bugel'skaia, L. V., comp. [Determination of the absolute age of rocks and minerals; a bibliography of the Soviet and foreign literature for 1945-1957.] Opredelenie absoliutnogo vozrasta gornykh porod i mineralov; bibliografiia sovetskoi i zarubezhnoi literatury za 1945-1957 gody. Moskva, Izd-vo Akad. nauk SSSR, 1961. 100 p.

BIBLIOGRAPHY—GEOLOGY

Literature. Trudy Lab. geol. ugl no 12 177-179 '61.

Literature. Trudy Lab. geol. ugl. no. 12.251-252 '61

Literature on geology and allied disciplines received by the library of the Department of Geological Sciences of the U. S. S. R. in June 1961. Izv. AN SSSR. Ser. geol. 26 no. 9:117-128 S '61.

BIBLIOGRAPHY—GEORGIA

Akhvlediani, Khariton [Bibliography on southern Georgia] Bibliografiia IUzhnoi Gruzii. Batumi, Gostzdat, 1960. 626 p. [In Georgian and Russian.] (MH)

BIBLIOGRAPHY—GEORGIAN LITERATURE

Akhvlediani, Khariton. [Bibliography on southern Georgia] Bibliografiia IUzhnoi Gruzii. Batumi, Gostzdat, 1960. 626 p. [In Georgian and Russian.] (MH)

BIBLIOGRAPHY—HARD FACING

Leningradskii Dom nauchno-tekhnicheskoi propagandy. Nauchno-tekhnicheskaia biblioteka. [Deposition of wear-resistant and heat-resistant alloys; a bibliography] Naplavka iznosostoikikh i zharoprochnykh splavov; bibliograficheskii ukazatel' literatury. Pod red. L. L Mal'tseva. Leningrad, 1960. 67 p.

BIBLIOGRAPHY—HISTORY

Annotations. Vop. ist. KPSS 5 no. 5 195-204 '61.

Articles published in Soviet historical periodicals. Vop. ist. no. 9.166-169 S '61

Bookshelf Prep. ist. v shkole 16 no 5.113-118 S-O '61

Brief notes on historical articles. Vop. ist. no. 9: 187-202 S '61

Brief reviews of papers presented to the 11th International Congress of Historians Sred veka no. 20:314-324 '61.

Dissertations for the degree of Candidate of Historical Science defended in 1959 (to be continued). Vop. ist. no. 9:177-183 S '61.

Foreign reviews of Soviet historical studies. Vop. ist. no. 9.202-203 S '61.

Historical articles in periodicals published in the people's democracies. Vop. ist. no. 9:186-187 S '61.

International bibliography of historical sciences. S. A. Feigina. Vop. ist. no. 9:203-204 S '61.

New books. Vop. ist. no. 9:163-166 S '61.

[New foreign books on the social sciences; economics, philosophy, history, international relations.] Nov. knigi za rub. po obshchestv. naukam; ekon., filos., ist., mezhdunar. otn. 4 no. 9 S '61.

A ten-day conference of Soviet historians. M. I. Pshedetskii. Vop. ist. no. 9:173-174 S '61.

BIBLIOGRAPHY—HYDROLOGY

Literature on meteorology, hydrology, and oceanography published in 1960 (continuation). Meteor. i gidrol no. 9: 60-63 S '61.

BIBLIOGRAPHY—INDIA

"Bibliography of India; prerevolutionary and soviet literature in Russian and the languages of the peoples of the U. S. S. R., original and in translation." Reviewed by Kh. S. Nadel'. Nar. Azii i Afr. no 2:182-181 '61.

BIBLIOGRAPHY—INDIA—SEPOY REBELLION, 1857-1858

Sources for and studies on the history of the Sepoy Army during the Sepoy Rebellion of 1857-1859 and subsequent military reforms. A. A. Gorbovskii. Krat. soob. Inst. nar. Azii no. 42:37-53 '61.

BIBLIOGRAPHY—INDUSTRY

New books and information materials received by the Scientific Technical Library of the Armenian Economic Council. Prom. Arm. 4 no. 5:81-82 My '61.

New books and information materials recieved by the Scientific Technical Library of the Armenian Economic Council. Prom. Arm. 4 no. 6,79-80 Je '61.

New books and information materials received by the Scientific Technical Library of the Armenian Economic Council. Prom. Arm. 4 no. 8:87-88 Ag '61

New books received by the Scientific Technical Library of the State Scientific Technical Committee at the Council of Ministers of the Armenian S. S. R. Prom. Arm. 4 no. 6:80-82 Je '61.

New books received by the Scientific Technical Library of the State Scientific Technical Committee of the Armenian Council of Ministers. Prom. Arm. 4 no. 5 82-85 My '61.

BIBLIOGRAPHY—INLAND WATER TRANSPORTATION

Mozhdunarodnaia kniga. [Soviet books on river transportation to be published in 1961] Sovetskie knigi po rechnomu transportu na 1961 g. Moskva, [1960] 71 p. (Katalog dlia znatvok, no. 14)

BIBLIOGRAPHY—INSTRUMENTS

From periodicals. Izm. tekh. no. 9:62 S '61.

New books. Priborostroenie no. 8:3 of cover. Ag '61.

BIBLIOGRAPHY—INTERNATIONAL RELATIONS

[New foreign books on the social sciences; economics, philosophy, history, international relations.] Nov. knigi za rub. po obshchestv. naukam; ekon., filos., ist., mezhdunar. otn. 4 no. 9 S '61.

BIBLIOGRAPHY—KAZAKH PHILOLOGY

New books on the Kazakh language and literature. Izv. AN Kazakh SSR Ser filol i isk. no. 2.106-108 '61.

BIBLIOGRAPHY—KHRUSHCHEV, NIKITA SERGEEVICH, 1894-

[Reports and Speeches of N. S. Khrushchev, First Secretary of the Central Committee of the CPSU and Chairman of the Council of Ministers of the U. S. S. R.] Doklady i vystupleniia Pervogo sekretaria TSentral'nogo Komiteta KPSS, Predsedatelia Soveta Ministrov SSSR N. S. Khrushcheva. Moskva, 1961. 7 p.

BIBLIOGRAPHY—LABOR AND LABORING CLASSES

Selected bibliography on problems of labor and wages. Biul. nauch inform., trud i zar. plata 4 no 7 75-79 '61

BIBLIOGRAPHY—LIGHTING

Optics and lighting engineering. Tekh. kino i telev. 5 no. 8:83-87 Ag '61.

BIBLIOGRAPHY—LITERATURE

[Information bulletin of new foreign books, received by the Lenin Library. Series 3: Social sciences, belles-lettres, art.] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 3: Obshchestv. nauki, khud. lit., isk. nos. 25-27 '61.

BIBLIOGRAPHY—LOMONOSOV, MIKHAIL VASIL'EVICH, 1711-1765

Literature on the occasion of M. V. Lomonosov's anniversary. Khim. v shkole 16 no. 4:35 Jl-Ag '61.

BIBLIOGRAPHY—MACHINERY

Moscow. TSentral'naia politekhnicheskaia biblioteka. [Over-all mechanization and automation of production; bibliography] Kompleksnaia mekhanizatsiia i avtomatizatsiia proizvodstvennykh protsessov; bibliograficheskii obzor literatury. Moskva, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, 1958. 30 p. (Material v pomoshch' lektoru)

BIBLIOGRAPHY—MAGNETISM, TERRESTRIAL

A list of M. A. Rykachev's works E. L. Androsikova, E. D. Slobodskaia. Trudy GGO no. 123.11-27 '61.

BIBLIOGRAPHY—MATHEMATICAL PHYSICS

Books. Zhur. vych. mat. i mat. fiz. 1 no. 4:750-752 Jl-Ag '61.

BIBLIOGRAPHY—MATHEMATICS

Bibliography. Zhur. vych. mat. i mat. fiz. 1 no. 1:184 Ja-F '61.

Bibliography. Zhur. vych. mat. i mat. fiz. 1 no. 2:355-368 Mr-Ap '61.

Books. Zhur. vych. mat. i mat. fiz. 1 no 3:552 My-Je '61.

New books on mathematics. Usp. mat. nauk 16 no. 4. 250-252 Jl-Ag '61.

BIBLIOGRAPHY—MECHANICAL ENGINEERING

Books, dissertations, periodicals. Stan. i instr. 32 no. 8:41-43 Ag '61.

Books. Periodicals. Stan. i instr. 32 no. 9:42-43 S '61.

New books. Vest. mash. 41 no. 8:72, 80-90 Ag '61.

Review of foreign periodicals. Vest. mash. 41 no. 8: 91-92 Ag '61.

BIBLIOGRAPHY—MEDICINE

[Information bulletin of new foreign books, received by the Lenin Library Series 2· Biological, medical, and agricultural sciences] Inform biul. nov inostr.knig, postup.v Bibl.im. V.I.Len Ser.2· Biol., med i sel'skokhoz.nauki nos.25-26 '61.

[Information bulletin of new foreign books, received by the Lenin Library. Series 2; Biological, medical, and agricultural sciences.] Inform.biul nov.inostr.knig, postup.v Bibl.im. V.I.Len. Ser.2 Biol., med.i sel'skokhoz.nauki no.27 '61.

[New foreign books. Series V· Biology, medicine, agriculture] Nov.knigi za rub Ser V· Biol , med., sel'. khoz. nos.8-9 Ag-S '61

BIBLIOGRAPHY—METALLURGICAL PLANTS

New books. Metallurg 6 no 8·31 Ag '61

BIBLIOGRAPHY—METEOROLOGY

A list of M. A Rykachev's works E. L Andronikova, E. D Slobodskaia Trudy GGO no 123 11-27 '61

Literature on meteorology, hydrology, and oceanography published in 1960 (continuation) Meteor i gidrol no 9 60-63 S '61.

BIBLIOGRAPHY—MIDDLE AGES

Soviet historical studies on the Middle Ages published in 1958 I L Frolova Sred veka no. 20 351-360 '61.

BIBLIOGRAPHY—MILITARY ART AND SCIENCE

Bookshelf. Vest. protivovozd obor. no. 8;77 Ag '61.

BIBLIOGRAPHY—MILITARY EDUCATION

Recommended literature for soldiers, booklets on military life and military education N Khlynov. Komm Vooruzh Sil 1 no. 2 89-93 O '60

BIBLIOGRAPHY—MILLER, ANATOLII FILIPPOVICH, 1901-

Published works of Doctor of History Professor A F. Miller, on his 60th birthday Nar Azii i Afr. no 2;237-240 '61

BIBLIOGRAPHY—MOTION-PICTURE PHOTOGRAPHY—FILMS

Motion-picture film and its photographic processing. Tekh. kino i televi. 5 no 8;87-89 Ag '61

BIBLIOGRAPHY—MUNICIPAL SERVICES

Bibliography. Gor. khoz. Mosk. 35 no. 8;45-46 Ag '61.

BIBLIOGRAPHY—MUSIC

[Chronicle of musical literature.] Lit. muz. lit. no.3 '61.

BIBLIOGRAPHY—NATURE STUDY

For children about nature. Sem'ia i shkola 16 no 7;42 Jl '61.

BIBLIOGRAPHY—OCEANOGRAPHY

Literature on meteorology, hydrology, and oceanography published in 1960 (continuation). Meteor. i gidrol. no.9 60-63 S '61.

BIBLIOGRAPHY—OPTICS

Optics and lighting engineering. Tekh. kino i televi. 5 no. 8;83-87 Ag '61.

BIBLIOGRAPHY—ORE DRESSING

Domestic and foreign literature on ore dressing. Obog. rud 3 no. 6;57-60 '58

Russian and foreign literature on mineral dressing Obog rud 4 no 6 56-58 '59

Russian and foreign publications on mineral dressing. Obog. rud 4 no. 1·44-46 '59.

Russian and foreign publications on mineral dressing. Obog. rud 4 no. 3;58-60 '59.

Russian and foreign publications on mineral dressing. Obog. rud 4 no. 5;45-47 '59.

Russian and foreign publications on mineral dressing. Obog. rud 5 no. 1;58-60 '60.

Russian and foreign publications on mineral dressing. Obog. rud 5 no. 2;58-61 '60.

Russian and foreign publications on mineral dressing. Obog. rud. 5 no. 4·59-61 '60.

Russian and foreign publications on mineral dressing. Obog. rud 5 no. 6;60-63 '60.

Russian and foreign publications on mineral dressing. Obog. rud 6 no. 1;66-68 '61.

Russian and foreign publications on mineral dressing. Obog. rud 6 no. 2;52-55 '61.

Russian and foreign publications on mineral dressing and sintering. Obog. rud 4 no. 4;60-62 '59.

Russian and foreign publications on mineral ore dressing. Obog. rud. 5 no. 3;66-69 '60.

BIBLIOGRAPHY—OSCILLATORS, ELECTRIC

Defense of dissertations. A. L. Zinov'ev, V. A. Grolzhevskii. Izv. vys. ucheb. zav.; radiotekh. 3 no. 6;671 N-D '60.

BIBLIOGRAPHY—PHILOSOPHY

[New foreign books on the social sciences; economics, philosophy, history, international relations.] Nov. knigi za rub.po obshchestv.naukam; ekon., filos., ist., mezhdunar.otn. 4 no.9 S '61.

New philosophical studies. Vop. filos. 15 no. 9;176-183 '61.

BIBLIOGRAPHY—PHYSICS

New books Inzh.-fiz. zhur. 4 no 3 135-137 Mr '61

New books Inzh.-fiz. zhur. 4 no. 6·138-142 Ag '61

New books and articles on physics, engineering and astronomy Fiz v shkole 21 no 2;105-106 Mr-Ap '61

New books on physics. T. O. Vreden-Kobetskaia. Usp. fiz. nauk 74 no. 4;761-764 Ag '61.

New books on physics, technology, and astronomy. Fiz. v shkole 21 no. 3;105-107 My-Je '61.

BIBLIOGRAPHY—PIPELINES

Newly published. Strol. truboprov. 6 no. 7·32 Jl '61.

BIBLIOGRAPHY—POLYMERS

Manuals on high polymers A. A. Grabetskii. Khim. v shkole 16 no 4;88-91 Jl-Ag '61

BIBLIOGRAPHY—PORTER, WILLIAM SYDNEY, 1862-1910

Moscow. Vsesoiuznaia gosudarstvennaia biblioteka inostrannoi literatury. [O. Henry, a biobibliographical index published on the 50th anniversary of his death] O. Genri; bio-bibliograficheskii ukazatel' k 50-letiiu so dnia smerti. Moskva, Izd-vo Vses. knizhnoi palaty, 1960. 141 p. (Pisateli zarubezhnykh stran) (CU)

BIBLIOGRAPHY—POWER ENGINEERING

From industrial periodicals. Prom. energ. 16 no. 9·61 S '61.

Literature on industrial power engineering. Prom. energ. 16 no. 9;62 S '61.

BIBLIOGRAPHY—PRINTING INDUSTRY

Book reviews. V. V. Popov. Poligr. proizv. no. 7;31-32 Jl '61.

BIBLIOGRAPHY—RADIO, MILITARY

Bookshelf. Vest protivovozd obor no. 9·76 S '61.

BIBLIOGRAPHY—RAILROADS

New books Vest. TSNII MPS 20 no. 5 64 '61

[Railroad literature published in the U.S.S.R. during 1958] Zheleznodorozhnaia literatura SSSR 1958. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 385 p.

BIBLIOGRAPHY—RELIGION—CONTROVERSIAL LITERATURE

"The truth about religion" N. Kosenko. Sots kul't no 8·43 Ag '61.

BIBLIOGRAPHY—RUSSIAN LITERATURE

Bibliography. Oktiabr' 38 no. 9;218-220 S '61.

BIBLIOGRAPHY—RUSSIAN LITERATURE—HISTORY AND CRITICISM

Drobienkova, N.V., comp. [Bibliography of Soviet Russian works published from 1917 to 1957 on literature of the 11th to the 17th century] Bibliografiia sovetskikh russkikh rabot po literature XI-XVII vv. za 1917-1957 gg. Pod red. i so vstup. stat'oi V. P. Adrianovoi-Peretts. Moskva, Izd-vo Akad. nauk SSSR, 1961. 434 p.

BIBLIOGRAPHY—RUSSIAN POETRY

Abramkin, V. M., and A. Lur'e, comps. [Library of a poet; an annotated bibliography, 1933-1960] Biblioteka poeta; annotirovannaia bibliografiia, 1933-1960. Obshchii plan. Leningrad, Sovetskii pisatel', 1960. 234 p. (NN)

BIBLIOGRAPHY—SALTYKOV, MIKHAIL EVGRAFOVICH, 1826-1889

Dobrovol'skii, L. M. [Bibliography of the literature on M. E. Saltykov-Shchedrin; 1848-1917] Bibliografiia literatury o M. E. Saltykove-Shchedrine; 1848-1917. Moskva, Izd-vo Akad. nauk SSSR, 1961. 420 p.

BIBLIOGRAPHY—SCIENCE

[Information bulletin of new foreign books, received by the Lenin Library. Series I: Physical, mathematical, chemical, geological and geographical sciences; technology and technological sciences] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. I: Fiz.-mat., khim. i geol.-geog. nauki; tekh. i tekh. nauki nos. 25-26 '61.

New books. Vest. AN SSSR 31 no. 8;141-146 Ag '61.

[New foreign books. Series A: Mathematics, mechanics, astronomy, physics, geophysics, chemistry, geology] Nov. knigi za rub. Ser. A: Mat., mekh., astron., fiz., geofiz., khim., geol. 14 no. 9 S '61.

BIBLIOGRAPHY—SHEVCHENKO, TARAS, 1814-1861

Kiev. Derzhavna respublikanska biblioteka URSR imeni KPRS. [Taras Hryhorovych Shevchenko, 1814-1861; bibliographic materials for large libraries] Taras Hryhorovych Shevchenko, 1814-1861; metodychno-bibliograficbni materialy dlia masovykh bibliotek. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1961. 81 p. (Na dopomohu bibliiekarevi)

BIBLIOGRAPHY—SIBERIA—HISTORY

Literature on the history of Siberia published in 1960; a brief critico-bibliographical survey. V. I. Dulov. Izv Sib. otd. AN SSSR no. 8;131-135 '61.

BIBLIOGRAPHY—SINTERING

Russian and foreign publications on mineral dressing and sintering Obog rud 4 no. 4·60-62 '59.

BIBLIOGRAPHY—SOCIAL SCIENCES

[Information bulletin of new foreign books, received by the Lenin Library. Series 3 Social sciences, belles-lettres, art] Inform. biul. nov. inostr. knig, postup. v Bibl. im V. I. Len. Ser. 3: Obshchestv. nauki, khud lit., isk. nos. 25-27 '61.

BIBLIOGRAPHY—SOIL MECHANICS

Works on soil mechanics and foundation construction published in 1960-1961. Osn., fund. i mekh. grun. 3 no. 4;3 of cover-4 of cover '61.

BIBLIOGRAPHY—SPAIN—HISTORY

Soviet studies in the field of Spanish modern and current history. L V Ponomareva Vop. ist. no 9 131-140 S '61.

BIBLIOGRAPHY—SUGAR BEETS

From recent technical and agricultural literature Sakh prom. 35 no. 8·79 Ag '61.

BIBLIOGRAPHY—SUGAR INDUSTRY

From recent technical and agricultural literature. Sakh. prom. 35 no. 8;79 Ag '61.

BIBLIOGRAPHY—TALES, OSSETIC

Classification of Ossetic folk tales using the system of Aarne-Andreev. A. Kh. Blazyrov. Izv. IUgo-Oset. nauch.-issl. inst. no. 10;94-112 '60.

BIBLIOGRAPHY—TECHNOLOGY

[Information bulletin of new foreign books, received by the Lenin Library. Series 1· Physical, mathematical, chemical, geological and geographical sciences, technology and technological sciences] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 1· Fiz.-mat., khim. i geol.-geog. nauki; tekh. i tekh. nauki nos. 25-26 '61.

New books and information materials received by the Scientific Technical Library of the Armenian Economic Council. Prom. Arm. 4 no. 5, 61-62 My '61

New books and information materials recieved by the Scientific Technical Library of the Armenian Economic Council. Prom. Arm. 4 no. 6;79-80 Je '61.

New books and information materials received by the Scientific Technical Library of the Armenian Economic Council. Prom. Arm. 4 no. 8;87-88 My '61.

New books on physics, technology, and astronomy. Fiz. v shkole 21 no. 3;105-107 My-Je '61.

New books received by the Scientific Technical Library of the State Scientific Technical Committee at the Council of Ministers of the Armenian S. S. R. Prom. Arm. 4 no. 6;80-82 Je '61.

New books received by the Scientific Technical Library of the State Scientific Technical Committee of the Armenian Council of Ministers. Prom. Arm. 4 no. 5; 82-85 My '61

[New foreign books. Series B: Technology]. Nov. knigi za rub. Ser. B: Tekh. 5 no. 9 S '61.

BIBLIOGRAPHY—TELEVISION

Television. Tekh. kino i televi. 5 no. 8;90-92 Ag '61.

BIBLIOGRAPHY—TEXTILE INDUSTRY

Recommended reading. Tekst. prom 21 no. 7;91-93 Jl '61

BIBLIOGRAPHY—TEXTILE MACHINERY

Bibliographical notes on new foreign equipment. Tekst. prom. 21 no. 7;89-90 Jl '61.

BIBLIOGRAPHY—WAGE PAYMENT SYSTEMS

Selected bibliography on problems of labor and wages Biul nauch inform , trud i zar plata 4 no 7 75-79 '61

BIBLIOGRAPHY—WELDING

Foreign publications on welding E P Pal'tseva Svar proizv no 8 48 Ag '61

Foreign publications on welding. E.P. Pal'tseva. Svar. proizv. no.9:47 S '61

Soviet inventions in welding. Svar.proizv. no.9 45 S '61

Soviet publications on welding V A Nevskii Svar proizv no 8 46-47 Ag '61

Soviet publications on welding. V.A. Nevskii. Svar. proizv no 9 46 S '61.

BIBLIOGRAPHY—WORLD WAR, 1939-1945

Brief review of the literature on the work of the CPSU during the Great Patriotic War I V Stavitskii, G A Kumanev. Vop ist KPSS 5 no 5 158-175 '61.

New books Tyl i snab Sov. Voor Sil 21 no 7 96 Jl '61

BIBLIOGRAPHY, INTERNATIONAL

International bibliographical contacts of the Petersburg Academy of Sciences in the early 20th century. A.M. Sorkin Vest. ist mir. kul't no 4 95-101 Jl-Ag '61

BICYCLES AND TRICYCLES

TSentral'nyi institut nauchno-tekhnicheskoi informatsii mashinostroeniia. [Bicycles and motorcycles, catalog] Velosipedy i mototsikly; katalog. Moskva, 1960. 159 p.

BIDSTRUP, HERLUF

Great talent. Bor. Efimov. Iskusstvo 24 no. 7:45-18 '61.

BIG BUSINESS

(see also subdivision under United States)

Volkov, M. IA. [What is a financial oligarchy] Chto takoe finansovaia oligarkhiia. Moskva, Gos. izd-vo polit. lit-ry, 1961. 79 p.

BILIARY TRACT—RADIOGRAPHY

Clinical and roentgenological diagnosis of internal biliary fistulas. N A Gavrilov, V.S Luk'ianov, V P Parfenova. Klin med. no. 7 46-50 '61

BINAGADY REGION—GEOLOGY, STRATIGRAPHIC

Geological structure of the Binagady site of fossil bones K A Alizade Trudy Est -ist muz. AN Azerb. SSR no 10 5-9 '55

BINAGADY REGION—PALEONTOLOGY, STRATIGRAPHIC

Binagady site of upper Quaternary fauna and flora on the Apsheron Peninsula N. I Burchak-Abramovich, R. D. Dzhafarov Trudy Est -ist muz AN Azerb SSR no 10 89-146 '55

BINAGADY REGION—RHINOCEROS, FOSSIL

Dzhafarov, R. D. [The rhinoceros of Binagady] Binagadinskii nosorog. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1960. 99 p. (Baku. Estestvenno-istoricheskii muzei. Trudy, no. 12)

A new representative of Quaternary rhinoceroses (Rhinoceros binagadensis sp. nova) from the Binagady fauna R D. Dzhafarov Trudy Est -ist. muz AN Azerb SSR no 10 65-88 '55.

BINAGADY REGION—SAIGA, FOSSIL

Fossil saiga of Binagady N A Alekperova Trudy Est -ist muz AN Azerb SSR no 10 10-64 '55.

BINARY STARS see Stars, Double

BINDING MATERIALS

Lime-slag binder made of waste zinc slags V. V. Vershinina. Trudy Alt GMNII AN Kazakh SSR 11 135-140 '61.

Shchepetov, A.M. [Production of local binding materials] Proizvodstvo mestnykh viazhushchikh materialov. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 112 p.

BIOCHEMISTRY

Ivanov, I.I., and V.A. IUr'ev. [Biochemistry and pathobiochemistry of muscles] Biokhimiia i patobiokhimiia myshts. [Leningrad] Gos. izd-vo med. lit-ry Medgiz, 1961. 274 p.

Lysogorov, N.V., and V.S. Tongur. [Polymers, cells, life] Polimery - kletka - zhizn'. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 189 p.

Role of nitrogen and phosphorus compounds in bioenergetics. L. A. Nikolaev. Khim. v shkole 16 no 4:47-54 Jl-Ag '61.

BIOCHEMISTRY—ABSTRACTS

[Chemistry: Biological chemistry.] Ref. zhur.: Khim.; biol. khim. nos. 15-16 Ag '61

[Chemistry: Biological chemistry.] Ref. zhur.: Khim.; biol. khim. no. 17 S '61.

BIOCHEMISTRY—CONGRESSES

About life and for life. M. Rostov. Ogonek 39 no. 34-6 Ag '61.

BIOLOGICAL RESEARCH

New stage in the drive of Soviet science. V. A. Engel'gardt Vest. AN SSSR 31 no. 8 24-27 Ag '61.

Problem of biomagnetism. L. A. Blumenfel'd. Nauka i zhizn' 28 no 7:89-90 Jl '61

BIOLOGICAL WARFARE

"Problems in antibacteriological defense." Edited by P F Zdorovskii Reviewed by G I Lebezov, G G Gromozdov Voen. -med zhur no 6 86-88 Je '61

BIOLOGY—ABSTRACTS

[Biology.] Ref. zhur.: Biol. no. 17 S '61.

[Biology.] Ref. zhur.: Biol. no. 18 S '61; Predmetnyi ukazatel' za 1956-1957, vol. 1

BIOLOGY—BIBLIOGRAPHY see Bibliography—Biology

BIOLOGY—PHILOSOPHY

Furman, A. E. [Origin and formation of the dialectic conception of development in biology] Vozniknovenie i formirovanie dialekticheskoi kontseptsii razvitiia v biologii. [Moskva] Izd-vo Mosk. univ., 1961 282 p.

Kaganov, V. M. [Struggle of materialism and idealism in modern biology] Bor'ba materializma i idealizma v sovremennoi biologii. Moskva, Znanie, 1960. 45 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Biologiia i meditsina, no. 17)

(DNLM)

BIOMATHEMATICS

The role of mathematics in medicine. V. V. Alpatov. Vop. filos. no. 6 144-147 '57.

BIOMETRY—CONGRESSES

Third Biometric Conference P. V. Terent'ev. Zool. zhur. 40 no 9 1433-1434 S '61

BIOPSY

Stomach biopsy. V. Salupere. Klin. med. no. 7:125-127 '61

Stomach biopsy in clinical practice. M. Gradsky, V Vortel', V. Herout. Klin. med no. 7 12-19 '61.

BIOTIN

Microbiological method for determining biotin in milk and dairy products L. A. Kruglova Izv. TSKhA no 2 228-231 '61.

BIPYRIDINE

Complex formation in the system uranyl ion - salicylate - α,β-dipyridyl R. Kh Dzhiianbaeva, Sh T. Tulipov Uzb khim zhur. no 4 17-21 '61

BIRCH

(see also subdivision under North Kazakhstan Province)

Possibilities for establishing birch stands on Chernozems of the forest-steppe by sowing. V. V. Bednikov, A. F. Portianko. Trudy OmSKhI 41 131-135 '61.

BIRD PHOTOGRAPHY see Photography of birds

BIRDBANDING

Migration of birds A. P. Fedorenko. Nauka i zhyttia 10 no. 3:37-38 Mr '60.

BIRDS see subdivision under Crimea, Komandorskiye Islands

BIRDS—BEHAVIOR

(see also subdivision under Ukraine)

Editor's mail Nauka i zhyttia 11 no 7:61 Jl '61.

Notes of a naturalist. IUn. nat. no. 9:34-35 S '61.

Our readers write. A. Ostrovskaia, M. Chernysheva. Sem'ia i shkola 16 no. 7:38-39 Jl '61

BIRDS—EMBRYOLOGY see Embryology—Birds

BIRDS—MIGRATION

Migration of birds. A. P. Fedorenko. Nauka i zhyttia 10 no. 3:37-38 Mr '60.

BIRDS—PARASITES see Parasites—Birds

BIRDSONG

What bird is singing? IUn. nat. no. 9:28a S '61.

BIRTH RECORDS see Registers of births, etc.

BISMUTH—ISOTOPES

Pairing forces and pair correlations in Tl^{206} and Bi^{210} nuclei [with summary in English]. L. A. Sliv, G. A. Sogomonova, IU. L. Kharitonov. Zhur. eksp. i teor. fiz 40 no. 3:946-953 Mr '61.

BISMUTH-ANTIMONY ALLOYS—ELECTRIC PROPERTIES

Electrical properties of alloys of the system bismuth - antimony in thin layers. K. A. Ramazanov. Fiz. tver. tela 3 no. 8:2259-2263 Ag '61.

BISMUTH CHLORIDE

Phosphoryl chloride in the system containing phosphorus, antimony, and bismuth chlorides. B. A. Voitovich. Zhur. neorg. khim. 6 no. 8 1914-1918 Ag '61.

BISMUTH COMPOUNDS

Reactions of thiourea and ureaselenium complexes of bismuth with picrolunic and picric acids S. I Gusev, L. A Kutova Zhur neorg khim 6 no 8 1881-1884 Ag '61

BISMUTH FERRATE

Determining the Curie point for the ferroelectric $BiFeO_3$. S. A. Fedulov Dokl. AN SSSR 139 no 6 1345-1346 Ag '61.

BISMUTH-MANGANESE ALLOYS see Manganese-bismuth alloys

BISMUTH TELLURIDE

Electron diffraction study of $PbBi_4Te_7$. A. G. Tanlyev, B. K. Vainshtein. Kristallografiia 6 no. 4:541-548 Jl-Ag '61.

BISMUTH TELLURIDE—THERMAL PROPERTIES

Thermodynamic studies at low temperatures. Part 12. Heat capacity of bismuth telluride between 1.4 and 165°K. Enthalpy and entropy of Bi_2Te_3 at 298.15°K [with summary in English]. E. S. Itskevich. Zhur. fiz. khim. 35 no. 8:1813-1815 Ag '61.

BISMUTH-TIN ALLOYS—THERMAL PROPERTIES

Variation in the heat conductivity of certain Cd-Sn and Bi-Sn alloys during melting B. P. Pashinov Fiz. tver. tela 3 no. 8:2442-2441 Ag '61.

BITUMEN—TRANSPORTATION

Pipe transportation of hot bitumen B. Vedeneev Na strol Ros no. 7 0 Jl '61

BIYSK—BOILERS

Heat engineering, steam boilers manufactured at the Biysk Boiler Plant. Prom. energ. 16 no. 8 64 '61.

BLACK EARTH see Chernozem soils

BLACK LANDS see Chernyye Zemli

BLACK-LEAD see Graphite

BLACK SEA—ANCHOVIES

Elimination indices of the embryonic and larval periods in the development of anchovies of the Black Sea. T. V. Dekhnik Trudy sov. ikht. kom. no. 13:314-329 '61

Variation of biological indices and their adaptive significance as exemplified by the anchovies of the Black Sea and the Sea of Azov. N. F. Tarnanenko. Trudy sov. ikht. kom. no. 13, 381-385 '61

BLACK SEA—SEDIMENTATION AND DEPOSITION

Radioactivity of sediments in the Black Sea. I. F. Starik and others. Dokl. AN SSSR 139 no. 6 1456-1459 Ag '61.

BLACK SEA—SEDIMENTS (GEOLOGY)

Oxidation-reduction potential of the upper ten-meter stratum of Quaternary deposits of the Black Sea O. V. Shishkina. Dokl AN SSSR 139 no. 5:1218-1220 Ag '61.

BLACK SEA REGION—NUMMULITES

Recent data on the distribution of middle Eocene nummulites in the Black Sea Depression [with summary in English]. B. F. Zernetskyi Dop AN URSR no 7 935-940 '61.

BLACK SEA REGION—WINDS

Breezes on the shore of the Black Sea. L. S. Lubanskaia Trudy UkrNIGMI no. 23:49-55 '61.

BLADDER—CALCULUS see Calculi, Urinary

BLADES—VIBRATION

Effect of minor changes in the shape of a blade on the frequency of its bending vibrations. K. IUlish Izv. AN SSSR, Otd. tekh. nauk. Mekh. i mashinostr. no. 4 104-108 Jl-Ag '61.

BLAGOVESHCHENSK—FIRES AND FIRE PREVENTION

Price paid for lack of organization; in connection with the fire in Blagoveshchensk. IU Aleksandrov. Pozh delo 7 no. 8:16-17 Ag '61.

BLAST EFFECT

An example of the effect of explosions on the fracture tectonics of rocks. V. A Nevskii. Dokl. AN SSSR 139 no. 6:1438-1441 Ag '61.

BLAST FURNACES

Arutiunov, N. B., and N. K. Leonidov. [Technological progress in ferrous metallurgy; blast furnace practice] Tekhnicheskii progress v chernoi metallurgii SSSR, domennoe proizvodstvo. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 480 p.

Controlling blast furnace operations by temperature variations. M. M. Gladkii. Metallurg 6 no. 8:38-39 Ag '61.

IUr'ev, B. N., and L. V. IUr'eva. [Methods of calculating blast-furnace smelting] Metody rascheta domennoi plavki. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 304 p.

Pulsation of the flame of air-heating burners. M. L. Lavrent'ev, A. A. Berdnik. Metallurg 6 no. 8:6-7 Ag '61.

BLAST FURNACES—MODELS
Investigating the effect of the liquid phase on the gas flow in a cold blast furnace model. Van De-zhun (Wang Te-jung) L M TSylev Izv. AN SSSR. Otd tekh nauk Met i topl no 4 12-17 Jl-Ag '61.

BLAST FURNACES—SAFETY MEASURES
Industrial safety in the blast furnace industry P. M. Mironov Metallurg 6 no 8 8-9 Ag '61.

BLAST FURNACES—TECHNOLOGICAL INNOVATIONS
Modern methods for the intensification of the blast-furnace process. N. K Leonidov. Biul. tekh -ekon inform. no 7, 87-90 '61.

BLASTING
Application of the law of similarity to the phenomenon of transmitted detonation in blasts A F. Belinev, M. A Sadovskii, I. I Tamm PMTF no. 1:3-17 My-Je '60.
Efficient method for the explosion of charges in mountains. N A Evstropov Biul tekh -ekon inform no 8 7-10 '61
Increase of pressure in a blast shock wave in the direction of the wind. P. F. Korotkov. PMTF no. 3 25-35 S-O '61.
Means for flameless blasting. Biul. tekh. -ekon. inform. no. 7:12 '61.
Scattering of a spherical volume of soil in a blast occurring in the symmetry center. B. A. Vinogradov, V. N. Rodionov, E. I. Shemiakin. PMTF no. 3 36-42 S-O '61.

BLASTING OIL see Nitroglycerin

BLIND—EDUCATION
Auditory perception of the spatial and corporal properties of an object N. G Khopreninova Dokl APN no. 1:113-116 '61

BLOOD—ANALYSIS AND CHEMISTRY
Changes in the peripheral blood and bone marrow following partial experimental resection of the stomach E. V. Inasaridze. Soob AN Gruz SSR 26 no 5 599-605 My '61
Characteristics of the reflex act and reception. Report No 4. Reflex influences from muscle receptors of hind legs on the morphological composition of blood in rabbits. E. A. Porfir'eva Trudy Kirov. otd. Vses fiziol ob-va 1 no. 1, 15-20 '60.

BLOOD—CIRCULATION
Hemodynamic studies during the respiration under excessive pressure [with summary in English] IU. A. Vlasov. Biul. eksp. biol. i med. 51 no 4-22-27 Ap '61.
Role of electrokymography in the diagnosis of hemodynamic changes in the lesser blood circulation in some congenital heart defects. K. A. Kosharko. Klin. med. no. 7-117-124 '61.

BLOOD—DISEASES
Agammaglobulinemia, hypogammaglobulinemia, and its significance in pediatrics (review of the literature) E. A. Nadezhdina. Pediatriia no. 9-56-62 '61

BLOOD—TRANSFUSION
Influence of isohemotransafusion on the function of the internal secretory area of the pancreas. R. M. Glants, V. L. Dubrovin. Probl. endok. i gorm. 7 no. 4 96-101 '61.

BLOOD CELLS
Role of the pancreas in changes observable in some components of protein metabolism and morphological composition of the blood. G. D. Miliushkevich, I. M. Dzhakson. Fiziol. zhur. 47 no. 8:983-989 Ag '61.

BLOOD PRESSURE
Arterial pressure in ships' crews under the influence of varying factors. IU. B Nikitinskii. Voen -med zhur. no. 5-80-81 My '61
Blood pressure variations in different vascular regions during the stimulation of proprioreceptors of skeletal muscles. V. I. Georgiev. Fiziol. zhur. 47 no 8.976-982 Ag '61.
Changes in cardiovascular and respiratory activities following decortication [with summary in English]. K. P. Valitskii, N. V. Il'chevich, O. E. Pridatko. Biul. eksp. biol. i med. 51 no. 5:18-22 My '61.
Characteristics of the reflex act and reception. Report No. 3. Cyclic reaction of respiration and blood pressure to stimulation of muscle receptors in the rabbit N. N. Kulagin. Trudy Kirov. otd. Vses. fiziol. ob-va 1 no. 1. 3-14 '60.
Humoral mechanisms in the regulation of arterial pressure. G. S. Marmolevskaia. Klin. med. no. 7, 142-143 '61.
Mechanism of respiratory and circulatory reactions to the administration of chemical irritants into the mesenteric vessels [with summary in English]. V. I. Grachev Biul eksp. biol. i med. 51 no 5-26-29 My '61.
Reflex regulation of venous tone during the variation of venous and arterial pressure. G. N. Kotova. Fiziol. zhur. 47 no. 8:1004-1014 Ag '61.
Some aspects of the reflex regulation of vascular tonus in anaphylactic shock Report No 2 Modification of depressor reflexes in lowering arterial pressure caused by anaphylactic shock [with summary in English] M F Shuba Biul eksp biol i med 51 no 5 41-48 My '61

BLOOD PROTEINS
Amount of cholesterol, phospholipids, proteins and lipoprotein fractions in the blood serum of women during the climacteric and in climacteric neuroses. IA D. Rafal'skii. Probl endok. i gorm. 7 no. 1 82-89 '61.
Dynamics of protein and lipoprotein fractions in the blood serum in patients with diabetes mellitus during insulin therapy. P A Sil'nitskii Probl endok. i gorm. 7 no 4:101-105 '61.
Dynamics of the composition of blood serum proteins in thyrotoxicosis treated by surgery G N. Saralidze Soob AN Gruz SSR 26 no 5 623-630 My '61
Some indices of hemopoiesis and blood proteins in systemic scleroderma. F. S. Diamplan, V. M. Nikolaeva. Izv. AN Arm. SSR. Biol. nauki 14 no. 6, 67-72 '61.

BLOOD VESSELS
Acid phosphatase in peritoneal vessels and muscle fibers of the abdominal wall of a rabbit. A A. Savinovskaia Dokl. AN SSSR 139 no. 6, 1467-1470 Ag '61
Role of the vascular factor in the hormonal mechanism of pancreatic excitation [with summary in English] E K Kuznetsova, I T. Kurtsin Biul eksp biol i med 51 no. 5 14-18 My '61

BLOOD VESSELS—DISEASES
Thermoradiometric method for determining the level of amputation in patients with injuries and diseases of the blood vessels of the extremities P A. Pavlenko. Ortop travm i protez no. 5:6-12 '61.

BLOOD-VESSELS—RADIOGRAPHY see Angiography

BLUNDERS see Errors, Popular

BOARDING SCHOOLS
(see also subdivision under Crimea, Ukraine)
Planning and outline of teacher's work G M. Kudovbenko. Rad. shk 40 no 7 21-28 Jl '61.

BOARDING SCHOOLS—CONGRESSES
Best ones exchange their experiences. P. Shpital'nik. Nar obr. no 9 68-72 S '61.

BOATS AND BOATING
Sachkovskii, G. S. [Theory and practice of small boat handling] Teoriia i praktika upravleniia shliupkoi. Izd. 2., ispr. i perer. Moskva, Izd-vo "Morskoi transport," 1961. 154 p.

BODY TEMPERATURE
Physiological characteristics of thermoregulation in bats [with summary in English]. K. P Ivanov. Biul eksp. biol. i med. 51 no 4-12-16 Ap '61.
Regulation of radiant heat emission and diaphoresis in children with toxic pneumonias N. B TSariuk Pediatriia no. 9-21-26 '61
Subfebrile temperature in thyrotoxicosis. P. I. Itskov. Probl. endok. i gorm. 7 no. 4-73-77 '61.
Variations of skin temperature at the beginning of digestion. T. A Sokolova Trudy Kirov otd. Vses. fiziol. ob-va 1 no. 1 70-82 '60.

BOGDANOV, SERGEI MIKHAILOVICH, 1859-1920
Agriculturist and scientist. N. I. Pshenychnyi, O. S. Luchko. Nauka i zhyttia 10 no. 3, 29 Mr '60.

BOGOMOLETS, ALEKSANDR ALEKSANDROVICH, 1881-1946
Importance of the works of Aleksandr Aleksandrovich Bogomolets for endocrinology. I. M. Neiman. Probl. endok. i gorm. 7 no. 4 119-121 '61.

BOGORODSK COUNTY—RUSSIAN SOCIAL DEMOCRATIC PARTY
New data on the Committee of the Russian Social Democratic Party in the city of Orekhovo-Zuevo and Bogorodsk County, from 1901-1903 L. M. Kreslina. Vop. ist. KPSS 5 no. 5 154-157 '61

BOHR, NIELS HENRICK DAVID, 1885-
Niels Bohr in the Soviet Union. I. D. Rozhanskii. Vest. AN SSSR 31 no. 8:107-109 Ag '61.
This is how quantum physics was born. K. Levitin, A. Melamed. Nauka i zhizn' 28 no. 8:74-79 Ag '61.

BOILERS
(see also subdivision under Biysk; Iskitim, Novosibirsk Province)
Automatic control of boilers. E. G. Bogatin. Neftianik 6 no. 4:13-14 Ap '61.
Boiler units with drying chambers for peat and wood wastes. B. B. Sternin. Energomashinostroenie 7 no. 7:40-42 Jl '61.
Corrosion cracking of 1Kh18N9T steel in caustic soda and sodium chloride solutions. V. N. Gulinev and others. Teploenergetika 8 no. 9:50-55 S '61.
Efficient parameters of steam-power systems with waste-heat boilers. V M. Datskovskii. Teploenergetika 8 no. 5 76-78 My '61.
Experience in redesigning the steam superheating control system of operational high-pressure boilers produced by the Ordzhonikidze plant. A. U. Lipets and others Elek sta 32 no 6 72-78 Je '61
Experiment in the start-up, adjustment and operation of a peak-load PTV-100 water-heating boiler for district heating. N. I. Zhirnov. Teploenergetika 8 no 9:20-24 S '61.
Experimental data on the hydrodynamics of a two-phase layer M. A. Styrikovich, A. V. Sur'nov, IA. G Vinokur Teploenergetika 8 no. 9-56-60 S '61
Experimental study of the real steam contents and useful heads in tilted pipes R. I. Shneerova and others Teploenergetika 8 no. 4-63-67 Ap '61.
"Fireman in boiler rooms using liquid and gas fuels" by L. R. Stotskii Reviewed by I. M Liando. Prom energ. 16 no. 9 59-61 S '61
Improved metal scaffolding for boilers I. G. Kovarskii, E IA Makarov Energetik 9 no 8:8-12 Ag '61
Improvement of devices in the interior of TP-230-2 boiler drums IA M IUr'ev, V A Korshunov, A A Obodovskii Energetik 9 no 8, 1-5 Ag '61
In the Technical Council of the All-Union Main Administration of the Electric Power Industry. Energetik 9 no 8 37-38n Ag '61
Increasing the pressure in a boiler. I M Sigalov. Energetik 9 no 8:12 Ag '61
Kiselev, N. A. [Industrial boiler units] Promyshlennye kotel'nye ustanovki. Moskva, Gos. energ. izd-vo, 1960. 359 p.
Meikliar, M. V. [Engineering performance of the metal of a steam boiler] Kak rabotaet metall parovogo kotla. Moskva, Gos. energ. izd-vo, 1961. 93 p. (Biblioteka teplotekhnika, no. 8)
Mordkhelovich, I. I., and P. I. Khaldeev. [Mechanization and automatization of industrial boiler rooms] Mekhanizatsiia i avtomatizatsiia promyshlennykh kotel'nykh. Moskva, Gos. energ. izd-vo, 1961. 182 p.
Secure maximum recovery of condensed water. L Kuloian. Prom. Arm 4 no 5:24-27 My '61.
Stability of steam generation in a single turn of a uniflow boiler [with summary in English] I P. Morozov Inzh. -fiz. zhur 4 no 8:49-53 Ag '61
Study of the temperature control of superheated steam with recirculation of gases, L. B. Kriol', G. N. Kemel'man, A. S. Koretskii. Teploenergetika 8 no. 5:39-45 My '61.
The 'TP-100 boiler unit with 640 ton-per-hour capacity. T. L. Shmul'ian. Biul. tekh. -ekon inform no 7:55-57 '61.
Use of metal broaches for cleaning boilers V. K. Samoilikov Energetik 9 no. 5:5-6 Ag '61.
Use of models for studying the aerodynamics of the gas channels of TP-90 and TP-100 boilers with T-shaped arrangement of the components. Teploenergetika 8 no. 5:45-52 My '61.
Utilization of carbonic acid obtained from the exhaust gases of boilers. P. N. Lazutkov, D. S. Gorlainova. Energetik 9 no. 4, 17-19 Ap '61

BOILERS—EQUIPMENT AND SUPPLIES
Study of a small-sized finned feed-water economizer with a steel base. V. G. Chakrygin, L V Suchkova Energomashinostroenie 7 no. 7, 5-8 Jl '61.

BOILERS—MAINTENANCE AND REPAIR
Adjustment of steam boilers after repair. I. A. Levinskii. Bum prom. 36 no. 8, 22-23 Ag '61.

BOILERS—SAFETY APPLIANCES
Electronic device for signaling the water level in a boiler. V. N Shenderovich. Energetic 9 no 8:6-8 Ag '61.

BOILERS—TESTING
Adjustment and test results of the TP-70 boiler operating on natural gas. V. N. Gusev and others. Energomashinostroenie 7 no. 7:1-5 Jl '61.
Thermal and chemical tests conducted on a once-through boiler and a high-pressure turbine. IU. V. Zenkevich, S. IA. Ariel'. Teploenergetika 8 no. 4:12-15 Ap '61

BOLOMETER
Bolometric d. c. bridge for measuring ultrahigh-frequency power. L. M. Zaks, E. N. Belikov. Izm. tekh. no. 9: 34-37 S '61.
Oxide cobalt and manganese semiconductor bolometers. A. L. Burkin, I. T. Sheftel' Fiz tver. tela 2 no. 2 288-296 F '60.

BOL'SHAYA CHERNIGOVKA (KUYBYSHEV PROVINCE)—COLLECTIVE FARMS
He has no other worries. Nikolai Bykov. Ogonek 39 no. 33:11-13 Ag '61.

BOLSHEVISM see Communism

BOL'SHIYE BEREZNIKI DISTRICT—MORDVINIAN LANGUAGE—DIALECTS
Phonetics of the Shugurovo dialect of the Erzian-Mordvinian language. D. V. TSygankin Zap. Nauch. -issl. inst. faz., lit., ist. i ekon. no. 18 154-195 '58.

BOMB RECONNAISSANCE
"You are a Communist", a sketch D Azov. Komm Vooruzh Sil 1 no 4 40-44 N '60.

BOMBERS see subdivision under France

BOMBING, AERIAL
A commanding officer guides a political study group D, Zemlianskii. Komm Vooruzh Sil 1 no 3:54-57 F '61.
Let's propagandize the progressive methods of training bomber crews in the tactics of aerial bombing I, Petukhov. Komm Vooruzh Sil 1 no 3 35-39 F '61

BOMBING, AERIAL—STUDY AND TEACHING
From a short bombing run N M Kalugin Vest Vozd. Fl. no 5,48-50 My '61

BOMBSIGHTS
They made it themselves A. P. Zaitsev, R I. Matveev. Vest Vozd Fl no 8,34 Ag '61

BONDS, CHEMICAL see Chemical bonds

BONE GRAFTING
Dynamics of the content of some trace elements in different parts of bone tissue in bone autoplasty A. P Skoblin Ortop , travm i protez no 6:46-54 '61.
Fixation of the spine in tuberculous spondylitis by homotransplantation from the ribs D. F. Kovalev Ortop., travm. i protez no 6 12-14 '61

BONE IMPLEMENTS see subdivision under Galicia, Volhynia

BONES
Metabolism of C14-labeled glycine in calcified tissues during acute radiation sickness. A. A. Prokhonchukov. Radiobiologiia 1 no.3:340-345 '61.

BONES—DISEASES
So-called pathological bone regeneration as an independent nosological form. S. A. Reinberg. Ortop., travm. i protez. no.7 3-9 '61.

BONES—TUBERCULOSIS
(see also subdivision under Turkmenistan)
Development of surgery for osteoarticular tuberculosis in medical institutions of the Russian Federation. D. K. Khokhlov, K. IA. Kenigsberg Ortop., travm i protez. no. 6 85-88 '61
Radical-reconstructive operations in tuberculosis of the joints. A. P. Vereshchagin. Ortop , travm. i protez no. 6 30-34 '61.
Synovectomy, intraarticular necrectomy and arthrolysis in tuberculosis of the large joints. G F. Skosogorenko Ortop., travm i protez. no 6:24-30 '61
Use of ultrasonics in the combined treatment of osteoarticular tuberculosis. I. G. Babenin Ortop., travm i portez no. 6 42-46 '61.

BONUS SYSTEM
(see also subdivision under Lvov Province)
Bonus payment to workers for creating and introducing technological innovations. I. Vakhlamov. Sots trud 6 no 8:133-138 Ag '61.
Supplementing the No. 1 appendix to the No. 233/6, February 18, 1960, decision of the State Committee on Problems of Labor and Wages of the Council of Ministers of the U. S. S. R. and of the Secretariat of the All-Union Central Council of Trade Unions with the criteria for issuing bonuses to workers engaged in manufacturing rum alcohol, Biul. Gos. kom. po voprtruda i zar. platy no. 8:12-13 '61.

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2 Je '61.

...ly

...ged on the basis of
. Poligr. proizv.

...V. Popov, S. B.
...8:4-7 Je '61.

...no. 32;13 Ag '61.

...iren' s literature

...KI see subdivision
...ngay District;
...ict; Novo-Pokrovka

...i bases containing non-
...bts. E. I. Nechiporuk.
303 Ag '61.
...id self-correcting codes
...gen program. G. N.
no. 10;35-41 '61

Proof of the minimality of the contact realization of one class of Boolean functions of n variables IU. I. Sagalovich Dokl AN SSSR 139 no 5 1075-1076 Ag '61

BOOT AND SHOE INDUSTRY see Shoe industry

BOOTS AND SHOES
Size designation and basic dimensions of shoe last. V. L Raiatskas, IU. P Zybin Kozh.-obuv. prom 3 no 6 15-18 Je '61

BOOTS AND SHOES, RUBBER
Mechanization of rubber shoe factories V. E. Mulakevich. Kauch i rez 20 no. 8 51-54 Ag '61

BORIDES
Boride diffusion layers on metals. A. N Minkevich Metalloved. i term. obr. met no 8,9-15 Ag '61.

BORING
Forces of friction arising between drilling supports and the soil of the wall of bores treated with clay. S. A. Ter-Galustov, L. N. Vorobkov, O. I. Ivanov. Osn., fund. i mekh. grun. 3 no. 4 5-7 '61.
The hours of labor and their use; as exemplified by the work of two drilling brigades. V. T. Kniuzenko. Izv. AN Turk. SSR. Ser. obshchestv. nauk no. 3:52-58 '61.
Vibration hammer for sinking and recovering medium-diameter metal pipes. D P Vysotskii Stroi i dor. mash. 6 no 8 15-17 Ag '61.

BORING MACHINERY
(see also subdivision under Volgograd)
Bit No. 8 opens the way P. Vanchikov Neftianik 5 no 8 11 Ag '60.
Combination drill and crane. V. Lavrov. Na stroi. Ros. no. 7 37 Jl '61.
Eliminating breakdowns with the help of a vibrator. IU F. Krasheninnikov Neftianik 5 no 8 17 Ag '60
The SUGP-10 self-propelled deep hole boring unit used in prospecting. A. I. Avsiuk Biul tekh. -ekon inform no. 8:5-7 '61.

BORING MACHINERY—MAINTENANCE AND REPAIR
see subdivision under Mirgalimsay

BORING MACHINERY—SAFETY MEASURES
Preventing the wear of the cable of a cable-drilling machine V. P Zuev. Sbor. rats predl vnedr. v proizv no. 5 10 '60.

BORING MACHINERY—TECHNOLOGICAL INNOVATIONS
(see also subdivision under Armenia)
Pneumatic device for hoisting boring rods of the BA-100 boring machines L F. Shvaitser. Sbor. rats. predl. vnedr. v proizv. no 5:8-9 '60.
Suggestion of an engineer. G. Goron. NTO 3 no. 8,53 S '61.

BORISLAV—FIRE DEPARTMENTS
With pencil and camera; a day spent with a fire department A. Sviridenko. Pozh. delo 7 no. 8:28-29 Ag '61

BORISPOL' DISTRICT—COLLECTIVE FARMS
Neighbor lent and friendly helping hand. IA. Volovychenko. Nauka i zhyttia 11 no. 7:48-49 Jl '61.

BORNEO—AMORPHOPHALLUS
A rare plant. N. B. Natal'in. Priroda 50 no. 9:114 S '61.

BORON-SILICON ALLOYS—METALLOGRAPHY
Investigation of certain hard alloys in the system boron - silicon - carbon G. A. Meerson and others Izv AN SSSR. Otd. tekh nauk. Met i topl no 4-90-94 Jl-Ag '61.

BOROVICHI—ADULT EDUCATION
We are helping the people's universities. N. Slovatenko, E. Ksiunina. Sred. spets. obr. 8 no. 8:50 Ag '61.

BOROVIKOVSKII, VLADIMIR LUKICH, 1757-1825
Alekseeva, T. V. Borovikovskii. Moskva, Gos. izd-vo "Iskusstvo," 1960. 41 p. illus.

BORYSHKOVTSY (PENZA PROVINCE)—CORN (MAIZE)
School in Boryshkovtsy, Vasil' Bol'shak. Smena 38 no. 10,6-7 My '61.

BORZHAVA VALLEY—UKRAINIAN LANGUAGE—DIALECTS
Morphology of prepositions in dialects spoken along the upper reaches of the Borzhava River. V V. Nimchuk Dop. ta pov UzhDU. Ser. filol. no. 2;93-95 '58.
Particles in the dialects spoken along the upper reaches of the Borzhava River. V. V. Nimchuk. Dop. ta pov. UzhDU. Ser. filol. no. 2,89-92 '58.

BOSPORUS, CIMMERIAN (KINGDOM) see Cimmerian Bosporus (Kingdom)

BOTANICAL GARDENS
Akademiia nauk SSSR. Botanicheskii institut. [Botanical garden] Botanicheskii sad. Tekst IU. A. Luksa i V. S. Solodovnikovoi. Pod red. S. IA. Sokoloya. Moskva, Izd-vo Akademii nauk SSSR, 1959. 1 v. (unpaged, chiefly illus.)
(IU)

BOTANY see subdivision under Armenia, Carpathian Mountains; Crimea

BOTANY—ANATOMY
Comparative anatomical investigation of vegetative organs in the meadow race 'Thalictrum minus S.' and Thalictrum flavum L. [with summary in English] IU. O. Pervova Ukr. bot zhur. 18 no. 4:52-58 '61

BOTANY—ECOLOGY see subdivision under Sarez Lake region

BOTANY—PHYSIOLOGY see Plant physiology

BOTANY—STUDY AND TEACHING
Practical testing of students' knowledge and skills. L. Korotkova. Nar obr no 9 49-51 S '61.

BOTANY, MEDICAL
Apple as pyramidon V Sokolov. Nauka i zhizn' 28 no 8:72 Ag '61
Lekarstvenno-tekhnicheskoe syr'e. [Commercial medicinal raw materials] Izdanie ofitsial'noe. Moskva [Standartgiz.] 1959. 431 p. (SSSR. Gosudarstvennye standarty)
Nosal', M. A., and I. M. Nosal'. [Medicinal plants and their popular use] Lekarstvennye rastenila i sposoby ikh primenenila v narode. Pod red. V. G. Drobot'ko. Kiev, Gos. med. izd-vo USSR, 1960. 254 p.
(DNLM)

BOTANY, MEDICAL—CONGRESSES
Results of the conference on medicinal plants. S. IA. Zolotnitskaia. Izv. AN Arm. SSR, Biol. nauki 14 no. 8 95-96 '61.

BOUNDARY LAYER
Approximate calculation of the laminar boundary layer of an incompressible liquid in the case of heat and mass transfer [with summary in English] Z. P. Shul'man. Inzh.-fiz zhur. 4 no 8:69-79 Ag '61
Experimental investigations of laminar systems. Part 27: Formation of ultrathin cadmium sulfide layers at the solid-solution interface [with summary in English]. S. G Mokrushin, IU. D. Tkachev. Koll. zhur 23 no. 4:438-441 Jl-Ag '61.
Free convection proceeding under boundary layer conditions in a liquid enclosed in a cavity [with summary in English] M P. Sorokin Inzh.-fiz. zhur. 4 no 8:107-110 Ag '61.
Effect of input conditions on the law governing heat transfer in the inlet part of a cylindrical tube [with summary in English] A. I. Leont'ev, V K Fedorov. Inzh. fiz zhur. 4 no. 8:63-68 Ag '61.
Heat transfer in a laminar boundary layer in supersonic gas flow along a tube. A. E. Marenov. Zhur. tekh fiz 31 no. 8,1001-1011 Ag '61.
Investigation of certain invariant solutions of boundary layer problems. IU. N. Pavlovskii. Zhur. vych. mat i mat. fiz. 1 no. 2;280-294 Mr-Ap '61.
Method for investigating the boundary layer in a working section of a new type [with summary in English] A M. Mkhitarian and others Inzh.-fiz. zhur. 4 no. 9:12-15 S '61.

BOUNDARY VALUE PROBLEMS
Application of conformal mapping to the simplest problems of the propagation of waves in inhomogeneous media. V. L Ivanov. Zhur. vych. mat. i mat. fiz. 1 no. 2;246-254 Mr-Ap '61.
Approximate solution of the problem of supersonic flow around a triangular wing. E. V. Bulygina. PMTF no. 1-142-144 My-Je '60.
Approximate solution of the problem of temperature wave propagation in the soil beneath the insulated bottom of a cooler [with summary in English] G V. Poldubnyi. Inzh.-fiz. zhur. 4 no. 3 83-91 Mr '61
Approximation method for solving the boundary value problem for the equation $\Delta\Delta\varphi - \lambda^2 \Delta\varphi = 0$. K. B. Sandzhieva. Izv. An Arm. SSR, Ser. fiz.-mat. nauk 14 no. 3;25-34 '61.
Asymptotic expansion of eigenfunctions and eigenvalues in problems with potential wells. A. M. Guseinbekova Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk no. 6. 49-67 '60.
Axisymmetric temperature problem for an orthotropic cylindrical shell S. M. Durgar'ian. Izv. AN Arm. SSR. Ser. fiz.-mat. nauk 14 no. 3:51-68 '61.
Boundary value problems for linearized Navier-Stokes equations for the case of limited viscosity. N. N. Moiseev. Zhur. vych. mat. i mat. fiz. 1 no. 3,548-550 My-Je '61.
Comments on one problem of the axisymmetric deformation of an infinite circular cylinder made from transversely-isotropic material. A A Babloian. Dokl AN Arm. SSR 32 no. 4;189-195 '61.
Existence and uniqueness of solutions of a class of boundary value problems in the theory of elasticity. I. T. Lapushkin. Ukr. mat. zhur. 13 no. 2;231-235 '61.
Finding asymptotic solutions of shortwave diffraction problems. A. IA. Povzner, I. V. Sukharevskii. Zhur. vych. mat. i mat. fiz. 1 no. 2;224-245 Mr-Ap '61.

BOUNDARY VALUE PROBLEMS (Continued)

Gas flow between parallel rotating discs and heat transfer between adjacent channels [with summary in English]. G. N. Den. Inzh.-fiz zhur 4 no 9 24-31 S '61.

General relationships of the dimensionless parameter method in axisymmetric problems in the theory of slight elastic-plastic deformations. L. V. Ershov, V. N. Tellanis. PMTF no. 3:104-106 S-O '61.

Generalization of Tricomi's problem and its application to the solution of the direct problem of Laval's theory of jets. F. I. Frankl' Mat sbor 54 no 2 225-236 Je '61.

Integral representation of the solution to the Cauchy-Gursa problem. S. P. Pul'kin Uch zap Kuib gos ped inst no. 29 25-40 '59

Inverse problems of heat conductivity in a symmetrical field [with summary in English] A. G. Temkin Inzh.-fiz. zhur. 4 no 9:45-55 S '61.

Method of difference for a boundary value problem with either an oblique or a normal derivative. F. A. Volkov Zhur. vych. mat. i mat fiz 1 no 4 607-621 Jl-Ag '61

Mixed type boundary value problem for a generalized Lavrent'ev-Bitsadze equation. I. E. Vostrova Uch zap Kuib gos ped. inst no 29:45-66 '59

Numerical solution of a one-dimensional problem for equations involving nonstationary filters. V. F. Baklanovskaia Zhur vych mat. i mat fiz 1 no. 3 461-469 My-Je '61

Numerical solution of one problem of nonstationary filtration. V. F. Baklanovskaia Zhur vych mat. i mat fiz. 1 no. 1:105-112 Ja-F '61.

Numerical solution to boundary value problems for systems of linear ordinary differential equations. S. K. Godunov. Usp. mat. nauk 16 no 3 171-174 My-Je '61

One approximation method for solving certain plain contact in the theory of elasticity. G. IA. Popov Izv AN Arm SSR, Ser. fiz.-mat. nauk 14 no 3:81-86 '61.

One boundary value problem for equations of a mixed type in the theory of heat conduction [with summary in English] T. L. Perel'man Inzh.-fiz zhur 4 no 8:121-125 Ag '61.

One problem of the unsteady motion of a gas in long conduits. G. A. Babadzhanian Izv. AN Arm SSR, Ser. fiz.-mat. nauk 14 no. 3:121-131 '61.

One stationary problem in the theory of heat conduction for a half-limited solid in mixed boundary conditions [with summary in English]. V. I. Dovnorovich Inzh.-fiz. zhur 4 no 3 131-134 Mr '61

Oscillations of a liquid in an annular cylindrical vessel with a horizontal generatrix A. A. Petrov. Zhur vych. mat. i mat. fiz. 1 no. 4:741-746 Jl-Ag '61

Periodic solutions to boundary value problems without initial conditions for quasi-linear parabolic equations. I. I. Shmulev. Dokl. AN SSSR 139 no. 6 1310-1321 Ag '61

Problem of nonstationary cooling of a limited volume of liquid [with summary in English] G. D. Rabinovich. Inzh.-fiz. zhur. 4 no 3:58-63 Mr '61

Quasi-classical asymptotic method of solution of certain problems in mathematical physics V. P. Maslov Zhur. vych. mat. i mat. fiz. 1 no. 4:638-663 Jl-Ag '61

Quasi-classical asymptotic solutions of certain problems of mathematical physics. V. P. Maslov Zhur vych mat. i mat. fiz. 1 no. 1:113-126 Ja-F '61

Solution of boundary value problems for a parabolic equation with discontinuous coefficients. L. I. Kamynin Dokl. AN SSSR 139 no. 5 1048-1051 Ag '61.

Solution of some problems of thermodynamics by the method of difference [with summary in English] G. F. Muchnik. Inzh.-fiz. zhur. 4 no 3 72-81 Mr '61

Solution of the inverse Stefan problem in the case of spherical symmetry. G. A. Martynov. Zhur. tekh fiz 30 no. 2-239-241 F '60.

Solution of the problems of thermal conduction and thermal elasticity for a cylinder of multiply connected cross section [with summary in English]. V. I. Makhovikov. Inzh.-fiz. zhur. 4 no. 8:99-106 Ag '61

Solution to the problem of laminar convection in the case of a linear heat source [with summary in English]. F. Shubart. Inzh. fiz. zhur. 4 no. 7:105-108 Jl '61

Solving certain heat conduction problems with the aid of dimensional analysis. IU. A. Dem'ianov, K. G. Omel'chenko. PMTF no. 3:107 S-O '61.

Some problems in the theory of unsteady creep. M. I. Rozovskii. Izv. AN Arm. SSR, Ser. fiz.-mat. nauk 14 no. 3:97-120 '61.

Stationary heat conduction in a half-limited body having cylindrical internal heat sources [with summary in English] I. A. Ioffe. Inzh.-fiz. zhur. 4 no. 8:111-113 Ag '61

Study of some heat conduction problems involving a thermal conductivity coefficient depending on temperature. G. A. Varshavskii. PMTF no. 3:3-16 S-O '61.

BOXERS

"Archival materials on the Boxer Movement" [in Chinese] Reviewed by N. V. Kaliuzhnaia. Nar Azii i Afr no. 2: 204-206 '61.

BOXING

Morozov, G. M. [Olympic ring] Olimpiiskii ring. Moskva, Izd-vo "Sovetskaia Rossiia, 1960. 124 p. Success. M. Aleksandrov. Ogonek 39 no. 25:3 Je '61.

BOYA-DAG—GEYSERS

Well-geyser in the Boya-Dag. L. M. Mal'tsev, A. L. Bubol'ts Izv. AN Turk SSR, Ser. fiz.-tekh., khim. i geol nauk no. 1:68-73 '61.

BRACHIOPODA, FOSSIL

Systematics and phylogeny of Pentameracea M. A. Rzhonsnitskaia Paleont. zhur. no. 1 38-49 '61

Wenlocklan Pentameroides from the Central Urals. V. P. Sapel'nikov. Paleont zhur. no 1:102-107 '61

BRAIN

Adrianov, O. S. [Brain as the organ of thinking] Mozg - organ myshlenila. Moskva, Izd-vo "Znanie," Vses. ob-va po rasprostraneniiu polit. i nauchn. znanii, 1961. 36 p. (Narodnyi universitet kul'tury. Estestvenno-nauchnyi fakul'tet, no. 5)

Determination of cerebrosides in various segments of the brain in generalized tetanus in rabbits [with summary in English] M. Sh. Promyslov, G. G. Amarantova Biul eksp biol. i med 51 no. 4 66-70 Ap '61

Effect of stimulation of some structures of the brain stem and the limbic region of the cerebral cortex of a *dog on the secretory activity* of the stomach A. V. Asatiani. Soob AN Gruz. SSR 26 no 4 447-454 Ap '61.

Effect of transplanting separate pieces of the liver into *the abdominal cavity* and central nervous system (data on the mechanism of formation of symptoms in the nervous system in hepatic insufficiency) [with summary in English] T. Maros and others. Arkh. pat. 21 no 10. 39-45 '59.

Klosovskii, B. N., and E. N. Kosmarskaia. [Active and inhibited state of the brain] Dolatel'noe i tormoznoe sostoianie mozga. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 410 p.

Paths of interaction of the cerebral hemispheres in the case of complete section of *the corpus callosum* L. S. Gambarian, I. R. Madatova Dokl. AN Arm. SSR 32 no. 4.219-223 '61

Records of human brain. P. V. Simonov. Nauka i zhizn' 28 no 8:22-20 Ag '61

Role of the rhinencephalon in the activation of the hypophysial-adeno*cortico*gonadal *system* and in the formation of emotional and sex behavior. L. Endrozal, K. Lissak Probl. endok. i gorm. 7 *no. 4:18-26* '61.

BRAIN—BLOOD VESSELS

Changes in the angioarchitectonics of traumatized brain [in Georgian with summary in Russian]. N. A. Dzhavakhishvili. Trudy Inst. eksp. morf. AN Gruz. SSR 8: 17-33 '60.

BRAIN—DISEASES

Effect of oral instruction on vegetative components of the orienting reflex in local brain disorders. Report *No. 2: Oral regulation* of orienting responses during total brain changes in cortical activity. E. D. Khomskaia. Dokl. APN no. 1:117-122 '61.

BRAIN—SURGERY see subdivision under Kiev; Ternopol'

BRAIN—WOUNDS AND INJURIES

Changes in the angioarchitectonics of traumatized brain [in Georgian with summary in Russian]. N. A. Dzhavakhishvili. Trudy Inst. eksp. morf. AN Gruz SSR 8, 17-33 '60.

BRAMBLES see subdivision under Lonkoran District

BRANDY

Reaction of pentoses and amino acids in distilling brandy from wine V. V. Bazilevskii. Izv. vys ucheb zav.; pishch. tekh no. 3:37-43 '60.

BRASS

Resistance to abrasive wear and modulus of elasticity of thermally treated brass. K. V. Savitskii, IU. F. Malyshev. Izv. vys ucheb. zav.; fiz. no. 3:164-166 '61.

BRASS—ELECTRIC PROPERTIES

Anomalies in the electric resistance of brass and aluminum bronzes. A. A. Presniakov, L. I. Dautova, IU. F. Kliuchnikov. Trudy Inst. iad. fiz AN Kazakh. SSR 4:68-73 '61.

BRASS—METALLOGRAPHY

Anomalous increase in the plasticity of $\alpha + \beta$-brass. G. V. Starikova, A. A. Presniakov. Trudy Inst. iad. fiz. AN Kazakh. SSR 4:33-38 '61.

Certain characteristics in changes of the microhardness and the crystal structure of brass. A. A. *Presniakov*, L. I. Dautova, IU. F. Kliuchnikov. Trudy Inst. iad. fiz. AN Kazakh. SSR 4:63-68 '61.

Investigating the plasticity of β-brass. G. V. *Starikova*, A. A. Presniakov. Trudy Inst. iad. fiz. AN Kazakh. SSR 4:39-41 '61.

BRASS—WELDING

Seam welding of centrifuge screens made of thin brass sheets. V. N. Radzievskii, A. N. Briskman. *Khim. mash.* no. 4:35-36 Jl-Ag '61.

BRAVERY see Courage

BRAZIL—FOREIGN RELATIONS—UNITED STATES

Washington and Quadros. Nov. vrem. 10 no. 36:7-9 S '61.

BRAZIL—LABOR AND LABORING CLASSES

Brazil on workdays and on holidays. Cayo Haruba. Vokrug sveta no 8:30-42 Ag '61

BRAZIL—ORTHODOX EASTERN CHURCH, UKRAINIAN

Orthodox Eastern Church, Ukrainian. [Memorial book of the autocephalous Ukrainian Orthodox Church in Brazil on the occasion of its 25th anniversary, 1930-1955] Propamiatna knyha Ukrainskoi Avtokefal'noi Pravoslavnoi Tserkvi v Brazilii z nahody ii 25-ho iuvileiu, 1930-1955. Curitiba, Brazil, 1959 115 p. illus.

BREAD

Determining the compressibility of bread crumb on a penetrometer. L. IA. Auerman, M. A. Suvorova, I. V. Fikhomirova Izv. vys. ucheb. zav., pishch. tekh no 4: 135-138 '60.

Role of the physical condition of carbon dioxide and air in the formation of the structure of bread crumbs L. M. Roitel' Izv vys. ucheb zav., pishch tekh no 4 79-84 '61.

BREAKFASTS

Breakfasts for foreign tourists. V. Blagoveshchenskii. Obshchestv. pit. no. 7:44 Jl '61.

BREAM

(see also subdivision under Caspian Sea)

Methods of observing young roach and bream in elementary populations A. N. Patunova. Trudy Inst. Ekit. kom. *no. 13:171-178* '61.

BREAST

Potentiation of the effect of diethylstilbestrol on the mammary gland in rabbits under the influence of 3-methyl-5-phenylpyrazole (pirmenazole) [with summary in English]. G. N. Pershin, N. A. Novitskaia, A. A. Grushina Biul eksp biol i med. 51 no 5 71-76 My '61

BREAST—DISEASES

Treatment of incipient puerperal mastitis [with summary in English]. A. I. Matsuev Vop okh. mat. i det 6 no. 7:61-64 Jl '61

BREMSSTRAHLUNG

Comparison of ionization and calorimetric measurements of an energy flux of bremsstrahlung from a synchrotron. Part I. S. P. Kruglov Zhur tekh fiz 31 no 9 1092-1103 S '61.

BREWING INDUSTRY—BY-PRODUCTS

Drying brewer's waste. L. T. Kretov Izv. vys. ucheb. zav., pishch tekh no 4:124-127 '61.

BRICK HOUSES

Apartment houses made of vibrated brick *panels*. D. Konstantinovskii. Zhil. stroi. no. 7:20-21 Jl '61

BRICK WALLS see subdivision under White Russia

BRICKLAYING

Normal adherence to brick of a mortar based on a dolomite binding substance E. S. Kuchin. Sbor. nauch. trud. Bel. politekh. inst. no. 89:54-58 '60.

BRICKMAKING

Improving the design of the automatic brick stacker P. K. Dolf'nitsin. Stroi. mat 7 no. 8:30-32 Ag '61.

Study of the heat exchange process during the *firing of* structural brick in tunnel kilns. L. I. Rusak. Sbor. nauch. trud. Bel. politekh. inst. no. 89:73-87 '60.

BRICKS

Forked grab for conveying brick. V. Volkov. *Stroi. i arkhit.* 8 no. 7.35-36 Jl '61

BRIDGE CIRCUITS

Bridge with a linear scale for measuring resistances and capacitances. A. Kuznetsov. Radio no. 3:55-56 *Mr* '61.

Electronic bridge circuit for fire prevention systems. L. Grachev and others Pozh delo 7 no. 8:26 *Ag* '61.

Operating conditions of a three-phase bridge rectifier with nonlinear anode inductances. G. F. Moskova, F. I. Kovalev. Elektroenergetika *no 4:133-148* '61

BRIDGE CONSTRUCTION—CONGRESSES

Gibshman, E. E. [Sixth International Congress on Bridge and Structural Engineering] VI Mezhdunarodnyi kongress po mostam i konstruktsiiam. *Moskva, Nauchno*-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 62 p.

BRIDGES—DESIGN

Effect of the nature of rigidity distribution along the axis of a non-hinged bridge *arch on* stresses from a live load A. V. Shestakov Issl. po teor. sooruzh. no. 10:222-237 '61.

Regulating the distribution of calculated load among the main span beams of a road bridge. V. V. Kovalev. Izv. vys. ucheb. zav.; stroi. i arkhit. 4 no. 4-71-76 '61.

BRIDGES—VIBRATION
Problem of bridge vibrations caused by the action of moving loads V V Bolotin Izv AN SSSR Otd tekh nauk Mekh i mashinostr. no 1 109-115 Ja-Ag '61

BRIDGES, ARCHED
(see also subdivision under Sweden)
Some recommendations for the construction of reinforced concrete compound spans of bridges with elastic brace arches IU A. Chudnovskii Izv vys ucheb zav., stroi i arkhit 4 no 4 83-88 '61

BRIDGES, CONCRETE
(see also subdivision under Volga Hydroelectric Power Station (22d Congress of the CPSU)
Some recommendations for the construction of reinforced concrete compound spans of bridges with elastic brace arches IU A Chudnovskii Izv vys uchcb zav., stroi i arkhit 4 no 4 83-88 '61

BRINES see subdivision under Azhbulat, Lake

BRIQUETS (FUEL) see subdivision under Ukraine

BRIQUETS (FUEL)—COSTS
Comparison of the economic evaluation of pelletizing and sintering processes for fine iron concentrates K. S. Chepurnykh, S. I. Shadskii Ogneupory 4 no 2 18-22 '59.

BRIULLOV, KARL PAVLOVICH, 1799-1852
Mashkovtsev, N. G., comp. [K. P. Briullov in letters, documents and memoirs of his contemporaries] K. P. Briullov v pis'makh, dokumentakh i vospominaniiakh sovremennikov. Moskva, Izd-vo Akad. khudozh. SSSR, 1961. 316 p.

BROACHING MACHINES—VIBRATION
Methods for preventing vibrations of broaches during coordination boring P N Orlov Stan. i instr 32 no 8 14-16 Ag '61

BROMINE
Oxidation of bromine ions in concentrated oil well water by the electrochemical method S. P. Tevosov, O. V. Andreiko. Azerb. khim. zhur. no 2 141-148 '60

BROMOFORM—SPECTRA
Contours of the oscillatory absorption bands of liquid chloroform and bromoform IU. P. TSiashchenko Opt i spektr. 11 no. 2 192-195 Ag '61

BRONCHI
Bronchi, arteries, and veins of the human lungs [in Georgian with summary in Russian] T A Gibradze Trudy Inst eksp. morf AN Gruz SSR 8 59-81 '60

BRONCHI—FOREIGN BODIES
Foreign body (chicken feather) in the bronchus with perforation of the thorax L M. Keres, L K Tilgimiae Pediatriia no 9 77-78 '61

BRONCHIECTASIS
Late results of excision of the lower lobe and lingual segments of the left lung complicated by forced pneumothorax P. I. Egorov Pediatriia no 9 42-43 '61

BRONZE AGE see subdivision under Dnieper Valley; Tambov Province, Ude, Ushkala

BRONZES see subdivision under Yesaulovo, Krasnoyarsk Territory

BRUCELLOSIS
(see also subdivision under Semirech'ye)
Hypophysial and adrenal gland disorders in brucellosis. A. S. Grinshpun Probl endok i gorm. 7 no. 4 108-110 '61.
Some results of a histochemical study of lymph nodes, the spleen, and the liver in experimental brucellosis. N I. Tatishvili Soob AN Gruz SSR 26 no 5 607-614 My '61

BRUCELLOSIS IN CATTLE
Immunological reaction of calves in brucellosis. M. D. Pochko. Visnyk sil'hosp. nauky 3 no. 4 41-45 Ap '60.

BRUCELLOSIS IN SHEEP
Observations on brucellosis in sheep in connection with disease eradication and vaccination. G. A. Kolomakin, A. N Bzhevskaia. Vest. sel'khoz. nauki [Kazakh.] 4 no. 2 60-71 F '61

BRUSHES, ELECTRIC
Livshits, P. S. [Brushes for electric machinery; technology, testing, characteristics, design and use] Shchetki dlia elektricheskikh mashin, tekhnologiia, ispytaniia, kharakteristiki, konstruirovanie, ekspluatatsiia. Moskva, Gos. energ. izd-vo, 1961. 214 p.
Mean temperature of brushes of electric machines. V. F. Synorov. Izv vys ucheb zav., fiz. no 3 71-75 '61

BRUSHES, ELECTRIC—TESTING
Problem of testing electric brushes A. M. Trushkov. Elektrichestvo no. 4 84 Ap '61.

BRYANSK—RESTAURANTS, LUNCHROOMS, ETC.
That's for success has been achieved. I. Gulin. Obshchestv. pit. no. 7 12-14 Jl '61.

BUBBLE CHAMBER
"Bubble chamber" by D. Bugg (from "Progr. Nucl. Phys," 7, no. 1, 1959). Usp. fiz. nauk 74 no. 4 675-720 Ag '61.

BUBBLES
Hydrodynamics of bubbling processes Report No 2 Derivation of equations determining mass emulsion of gas bubbles in a liquid medium in case of bubbling and mixed processes A G. Azizian, R A Melikian, N. I. Smirnov Izv AN Arm SSR, Ser tekh nauk 14 no 3 59-69 '61
Theory of the expansion of a gas bubble in a viscous liquid [with summary in English] S P. Bakanov, A A. Rukhadze, V B Sandomirskii. Inzh fiz zhur. 4 no. 7 109-112 Jl '61.

BUBONIC PLAGUE see Plague

BUCKWHEAT
Disseminating by the Kursk Agricultural Experiment Station. M. I. Orlova. Vest. sel'khoz. nauki 6 no. 8 139-141 Ag '61.
Orlov, V. N. [Use advanced cultivation practices in growing buckwheat] Grechikhe - vysokuiu agrotekhniku. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 15 p. (Reshenila ianvarskogo (1961 g.) Plenuma TsK KPSS-v zhizn'!)

BUDGET
Menchinskii, V. V. [Preparing a district budget] Sostavlenie biudzheta raiona. Moskva, Gosfinizdat, 1961. 100 p. (V pomoshch' finansovomu rabotniku)
Take potentials into account more fully in preparing the draft of a new budget Fin SSSR 22 no 8 89-92 Ag '61

BUDNYI, SIMON, d. 1593
Poretskii, IA. I. [Simon Budnyi, a progressive White Russian thinker of the 16th century] Simon Budnyi - peredovoi belorusskii myslitel' XVI veka. Minsk, Izd-vo Belgosuniversiteta im. V. I. Lenina, 1961. 84 p.

BUDS
Morphogenesis of flower buds of the apple tree in the basin of Lake Sevan. A. A. Simonian. Izv. AN Arm. SSR, Biol. nauki 14 no. 6 81-84 '61.

BUGUL'MA—OIL FIELDS—PRODUCTION METHODS
Volunteer workers in our support. L. Stepaniuk. NTO 3 no 9 55 S '61.

BUILDING—DICTIONARIES
Pushkarev, V. I., and A. M. Shchegoleva, comps. [English-Russian and Russian-English dictionary of building and architectural terms] Anglo-russkii i russko-angliiskii arkhitekturno-stroitel'nyi slovar'. Pod red. L. S. IAmpol'skogo. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 841 p.

BUILDING—EXHIBITIONS
Rural construction at the Exhibit. Sel'. stroi. 16 no. 7 16-17 Jl '61.

BUILDING—ESTIMATES
Compilation of estimates for standard plans can be simplified L. Koton. Ekon stroi. no 8 70 Ag '61
"Instructions on procedure in determining the estimated cost of housing construction per square meter of living space." Biul. stroi. tekh 18 no. 7 8-9 Jl '61.

BUILDING—MAINTENANCE AND REPAIR
Do-it-yourself house repairs and decoration. A. Shepelev. Sov. shakht. 10 no. 7 45-46 Jl '61.

BUILDING—SAFETY MEASURES
Put industrial safety measures under public inspection. Stroitel' no 8 29-31 Ag '61

BUILDING—TECHNOLOGICAL INNOVATIONS
(see also subdivision under Moscow)
Introduce new architectural and design details and materials into construction practice. V. D. Belogub, E A. Sviatchenko. Izv. vys. ucheb zav., stroi. i arkhit 4 no 4 161-164 '61

BUILDING, UNDERGROUND see Underground construction

BUILDING BLOCKS
Highly compacted reed planks in housing construction. A. Lobkov. Zhil. stroi. no. 8 19-21 Ag '61.
Houses made from slag-alabaster blocks. N. E. Kozak. Put' i put. khoz. 5 no. 7 33 Jl '61.
New wall panels with a tuff plate facing. Prom. Arm. 4 no. 5 47-48 My '61.

BUILDING INDUSTRY see Construction industry

BUILDING LAWS
Heat engineering standards and regulations in construction should be revised. Inzh.-fiz. zhur. 4 no. 9 120-126 S '61.

BUILDING MACHINERY
(see also subdivision under Great Britain)
New machinery and equipment for construction of the Stalingrad Hydroelectric Power Station. G. B. Rubberg, A. A. Smolian. Gidr. stroi. 31 no. 8 24-28 Ag '61
New machines. Stroi i dor. mash 6 no 8 31-32 Ag '61

BUILDING MACHINERY—BIBLIOGRAPHY see Bibliography—Building machinery

BUILDING MACHINERY—EXHIBITIONS
New machinery and equipment. Sel'. stroi. 16 no. 7 18-19 Jl '61.

BUILDING MACHINERY—MAINTENANCE AND REPAIR
(see also subdivision under Moscow Province)
Create a unified repair technique A T. Migukin Stroi i dor. mash 6 no. 8 28-29 Ag '61.
Design machines that can be easily repaired A I Ilr shetnikov Stroi i dor. mash 6 no 8 27-28 Ag '61
Opinion of a Polish specialist B G. Tamar Stroi i dor. mash 6 no 8 29 Ag '61

BUILDING MATERIALS
(see also subdivision under Armenia; Golodnaya Steppe, Ukraine)
Goreskii, B. Z., and I. P. Bozhenutsa. [Plastics in the construction industry, manufacture and use] Plastmassy v stroitel'stve; proizvodstvo i primenenie. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 315 p.
Kondrashov, A. V. [Economy in the use of materials in construction for transportation] Ekonomiia materialov v transportnom stroitel'stve. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961 187 p.
Licences for a new building material. V. Zhdan Vnesh torg. 41 no 9 20-22 '61
"Poroizol" for sealing joints in precast houses. I Shtkunov Zhil stroi no. 8 12-13 Ag '61

BUILDING MATERIALS—STANDARDS
Changes in state standards. Biul. stroi. tekh. 18 no 8 13-14 Ag '61.
Correction to standards. Biul stroi. tekh. 18 no. 7 21 Jl '61.

BUILDING MATERIALS—TESTING
Investigation of phase transformations in pores of building materials [with summary in English]. L. O Meleshko. Inzh.-fiz. zhur. 4 no. 9 61-66 S '61

BUILDING MATERIALS—TRANSPORTATION
Automotive transportation of freight for construction Kh I. Ankinazi, IU. M. Vlasko. Stroi i dor. mash 6 no 8 4-8 Ag '61.

BUILDING MATERIALS INDUSTRY
(see also subdivision under Azerbaijan, Latvia, Omsk Province; White Russia)
For production of outstanding quality. Stroi mat 7 no 8 1-2 Ag '61

BUILDING MATERIALS INDUSTRY—SAFETY MEASURES
Profsoiuz rabochikh stroitel'stva i promyshlennosti stroitel'nykh materialov. [Collected official materials on work safety for the building materials industry] Sbornik ofitsial'nykh materialov po okhrane truda na predpriiatiiakh stroitel'nykh materialov. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 371 p.

BUILDING RESEARCH see subdivision under Siberia, Western

BUILDING TRADES—STUDY AND TEACHING
Interorganizational schools teaching advanced techniques Stroitel' no 8 11 Ag '61

BUILDINGS, MERCANTILE see Mercantile buildings

BUILDINGS, PLASTIC
House made of plastics. V. V. Kalechyts', Nauka i zhyttia 10 no. 3 23-24 Mr '60.

BUILDINGS, PREFABRICATED
(see also subdivision under Georgia; Minsk)
Batch production of houses made of three-dimensional elements. Stroi. i arkhit. Mosk. 9 [i e, 10] no. 7 35 Jl '61.
Housing-construction combines. IU. Demin. Polit. samoobr. 5 no. 9 109-114 S '61.
Prefabricated dismountable house for construction workers. I. Mkrtychev. Na stroi. Ros. no. 7 36 Jl '61.
Three-dimensional elements in housing construction. A. Zhukov, G. Nazarov. Stroi. i arkhit. 9 no. 8 14-16 Ag '61.

BUINITSKI, IHNAT, 1861-1917—HOMES AND HAUNTS
In Ihnat Buinitski's homeland. A. Sannikau. Belarus' 18 no. 9 27 S '61.

BUKOVINA—PATHOANATOMICAL SOCIETIES
Work of the Chernovtsy Province Pathoanatomical Society for 1958. Arkh. pat. 21 no 9 91-93 '59.

BULGARIA—AGRICULTURE
Amortization problems in Bulgarian agriculture Dimitur Kinov. Fin SSSR 22 no 8 82-88 Ag '61

BULGARIA—ALGEBRA
Russian algebra manuals in Bulgaria. Report No 2 Z. Ivanov and I. Petkanchin's translation of the algebra textbook by A. P. Kiselev Dokl. APN no 1 73-74 '61

BULGARIA—AMORTIZATION
Amortization problems in Bulgarian agriculture Dimitur Kinov Fin SSSR 22 no 8 82-88 Ag '61

BULGARIA—EARTHQUAKES AND BUILDING
Precast elements for earthquake-resistant apartment houses in Bulgaria, S. Kosev, V. Mladenov, I. Chonev Bet. i zhel.-bet. no. 8:301-303 Ag '61.

BULGARIA—EDUCATION, HIGHER
Future of world science and technology is connected with successes of socialist countries N Paparov Vest vys shkoly 19 no 8 55-56 Ag '61

BULGARIA—ELECTRIC POWER PLANTS
Burning of low-grade fuel in the Bulgarian People's Republic Khristo Khristov. Elek sta. 32 no. 6 16-20 Je '61

BULGARIA—FUEL
Burning of low-grade fuel in the Bulgarian People's Republic. Khristo Khristov. Elek sta 32 no 6 16-20 Je '61

BULGARIA—HEALTH-OFFICERS
Wages of public health workers in the Bulgarian People's Republic. L. Gorodinskaia. Biul. nauch inform., trud i zar. plata 4 no 7 60-63 '61.

BULGARIA—HISTORY
Derzhavin, N. S. [History of Bulgaria] Istoriia Bolgarii. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 2. [Period of the first and second Bulgarian kingdoms (679-1393)] Bolgariia vremeni pervogo i vtorogo tsarstv, 679-1393. 1946. 161 p.

BULGARIA—LABOR COURTS
New legislative enactments in fraternal socialist countries. S Bobotov. Sov. just. no. 17 16-18 S '61.

BULGARIA—PRECAST CONCRETE CONSTRUCTION
Precast elements for earthquake-resistant apartment houses in Bulgaria, S. Konev, V. Mladenov, I. Chonev. Bet. i zhel.-bet. no. 8:301-303 Ag '61

BULGARIA—RELATIONS (GENERAL) WITH THE UKRAINE
Fogle over the Danube. S. Sokirianskii. Sov. Ukr. 11 no. 9 186-187 S '61.

BULGARIA—TOMATOES—VARIETIES
New varieties of tomatoes for canning. B. Vladimirov. Kons i ov. prom. 16 no. 9, 38-40 S '61.

BULGARIA—UPRISING, 1876
[Liberation of Bulgaria from the Turkish yoke; documents in three volumes] Osvobozhdenie Bolgarii ot turetskogo iga, dokumenty v trekh tomakh. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 1. [The liberation struggle of the southern Slavs and Russia from 1875 to 1877] Osvoboditel'naia bor'ba iuzhnykh slavian i Rossii, 1875-1877. Pod red. S. A. Nikitina i dr. 1961. 713 p.

BULGARIA—WAGE PAYMENT SYSTEMS
Wages of public health workers in the Bulgarian People's Republic I. Gorodinskaia. Biul. nauch inform., trud i zar. plata 4 no. 7 60-63 '61

BULGARIA—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS
"How we struggled against fascism from 1941 to 1944; documents, articles, and reminiscences on the struggle of Sofia workers." Reviewed by I. V. Kozlmenko Vop. ist. no. 9:184-186 S '61.

BULGARIAN PHILOSOPHY see Philosophy, Bulgarian

BULLDOZERS
D-384A bulldozer. Na strol. Ros. no. 7:10 Jl '61.
D-535 bulldozer based on the T-75 tractor. A. Z. Berezovskii, A. A Gorvits. Stroi. i dor. mash. 6 no 8, 6-9 Ag '61.
The D-535 bulldozer mounted on the T-75 tractor. A. Z. Berezovskii, A. A. Gorvits. Biul. tekh.-ekon. inform. no. 7:52-54 '61.

BUOYS
Methods of observing currents by the use of anchored buoys. V. A. Shirei. Meteor. i gidrol. no. 9 48-50 S '61.

BURLI DISTRICT—RETAIL TRADE
Burli cooperative societies are leading. M. Taushev. Koop. Kazakh. 4 no. 4:47-48 Ap '61.

BURMA—BOUNDARIES—CHINA
Settlement of the Chinese-Burmese boundary problem. E D Stepanov Nar Azii i Afr no 2 62-70 '61

BURMA—DESCRIPTION AND TRAVEL
In Burma; travel impressions. IU. Lugovskoi. Nov. vrem. 19 no. 36:24-28 S '61.

BURMA—POLITICS AND GOVERNMENT
The governmental system of Burma on the eve of her conquest by England M G Kozlova Krat soob Inst nar. Azii 43 18-35 '60

BURMESE LANGUAGE—CONVERSATION AND PHRASE BOOKS—RUSSIAN
[Burmese-Russian phrase book] Birmansko-Russkii razgovornik. [n. p., n. d.] 1 v.

BURNS AND SCALDS
Apparatus of life. Moskva 5 no. 8 195 '61.
Injurious effect of luminous radiation from an atomic explosion A A. Bukasian Voen.-med zhur no 6: 31-36 Je '61
Surgical treatment in a case of severe bilateral deformations of the feet following burns. N. I Zinov'ev. Ortop., travm. i protez. no 7 60-61 '61
Thromboembolism and nephrolithiasis in extensive burns. A V Zubarev. Voen.-med zhur no 5 83 My '61.
Treatment of sequelae in burns. (Review of foreign literature). E G Shatunovskaia. Ortop., travm. i protez no 7 68-74 '61

BURYAT FOLKLORE see Folklore, Buryat

BURYAT LANGUAGE—FOREIGN ELEMENTS
How the Russian language has influenced the development of the Buryat language TS B TSydendambaev Trudy BKNII no 1 109-110 '59.

BURYAT LANGUAGE—FOREIGN WORDS AND PHRASES
Russian words in the epic poetry of the Buryat people M P. Khomonov Trudy BKNII no. 1 139-145 '59

BURYAT LANGUAGE—STUDY AND TEACHING
Russian studies of the Buryat language. L. Sh Bagdarov Trudy BKNII no. 1 111-119 '59

BURYAT LITERATURE—HISTORY AND CRITICISM
Heroic personages of Soviet Buryat literature TS. A. Dugar-Nimaev. Trudy BKNII no 1:125-129 '59

BURYAT POETRY
Russian words in the epic poetry of the Buryat people M P Khomonov Trudy BKNII no 1:139-145 '59

BURYAT POETRY—HISTORY AND CRITICISM
How Russian poetry has influenced Buryat poetry G O Tudenov Trudy BKNII no 1:120-124 '59.

BURYAT-MONGOLIA—AGRICULTURE
History of agriculture in Buryat-Mongolia V I Shunkov. Trudy BKNII no. 1 65-70 '59.

BURYAT-MONGOLIA—ECONOMIC CONDITIONS
How incorporation of Buryat-Mongolia into Russia has influenced the economic and social development of the Buryat people. I. A. Asalkhanov. Trudy BKNII no. 1: 21-38 '59

BURYAT-MONGOLIA—GEOLOGICAL RESEARCH
Geological study of Buryat-Mongolia. N. A. Florensov. Trudy BKNII no 1 89-93 '59.

BURYAT-MONGOLIA—GEOLOGICAL SURVEYS
Role of Russian geologists in the geological study of Buryat-Mongolia TS. O. Ochirov, V. A Dvorkin-Samarskii, G. A. Dmitriev. Trudy BKNII no 1 94-99 '59.

BURYAT-MONGOLIA—NATURAL RESOURCES
Studying the productive forces of the Buryat A. S. S. R. B. R. Butantuev, G. L. Tarasov. Trudy BKNII no. 1, 79-88 '59.

BURYAT-MONGOLIA—RELATIONS (GENERAL) WITH RUSSIA
How Russian culture has influenced the development of Buryat education, culture, and science. N M. Bil'tueva Trudy BKNII no. 1 54-64 '59.
Leading role of Russian workers in the socialist reformation of Buryat-Mongolia. B M. Mitupov, G L. Sanzhiev Trudy BKNII no. 1 47-53 '59.
Sessions devoted to the tercentenary of the incorporation of Buryat-Mongolia into Russia Trudy BKNII no 1:9-12 '59.
To Comrade D. D. Lubsanov, the director of the Buryat Scientific Research Institute of the Siberian Branch of the Academy of Sciences of the U. S. S. R. Trudy BKNII no 1:6 '59.
To the Board of Directors, The Party Bureau, The Local Trade-Union Committee, and the Committee of the Communist Youth League of the Buryat Scientific Research Institute of the Siberian Branch of the Academy of Sciences of the U. S. S. R. Trudy BKNII no 1 8 '59.
To the employees of the Buryat Scientific Research Institute. Trudy BKNII no. 1:7 '59
To the Presidium of the Supreme Soviet, the Council of Ministers, and the Province Committee of the CPSU of the Buryat A S S R Trudy BKNII no 1 3 '59
To the Presidium of the Supreme Soviet, the Council of Ministers, and the Province Committee of the CPSU of the Buryat A. S. S. R Trudy BKNII no 1 4-5 '59
Voluntary incorporation of Buryat-Mongolia into the Russian Empire and its progressive role E. M Zalkind Trudy BKNII no 1 13-20 '59

BURYAT-MONGOLIA—REVOLUTION, 1917-1921
The Great October Socialist Revolution as a sharp turn in the historical fate of the Buryat people P T Khaptaev Trudy BKNII no 1 39-16 '59

BUS CONDUCTORS (ELECTRICITY)
Electromagnetic blocking of stationary grounding of the busbar system V S Totskii Energetik 9 no 8 15-16 Ag '61.

BUTADIENE
Polymerization of butadiene, piperylene, and styrene mixtures I A. Livshits, S. I. Il'ina, V. N Reikh. Kauch. i rez. 20 no 8 1-3 Ag '61.
Sequence of reactions in the hydrogenation of 2, 3-dimethyl-1, 3-butadiene on a skeletal nickel catalyst. L Kh. Freidlin, E. F. Litvin, IU IU. Kaup. Dokl AN SSSR 139 no 6:1386-1388 Ag '61
Single-stage dehydrogenation of butane into butadiene in reactors having an adiabatic regenerative cycle. D A. Bol'shakov Khim prom no 8 525-530 Ag '61
Sulfoxides and sulfones. Part 2. Stereochemistry of the addition of thiols to triple bonds of diacetylene and 1-alkyl-1-thiobuten-3-ynes and properties of isomeric 1, 4-dialkylsulfonyl-1, 3-butadienes E. N Prilezhaeva, L. V. TSymbal, M F Shostakovskii Zhur. ob. khim. 31 no. 8, 2487-2496 Ag '61.

BUTADIENE—SPECTRA
Study of the structure of nitroaminobutadiene derivatives by means of Raman spectroscopy. IA S. Bobovich, S. M. Kvitko, V. V. Perekalin. Dokl. AN SSSR 139 no. 6, 1392-1395 Ag '61

BUTADIYNE
Sulfoxides and sulfones. Part 2. Stereochemistry of the addition of thiols to triple bonds of diacetylene and 1-alkyl-1-thiobuten-3-ynes and properties of isomeric 1, 4-dialkylsulfonyl-1, 3-butadienes E. N Prilezhaeva, L. V. TSymbal, M F Shostakovskii Zhur ob. khim 31 no 8, 2487-2496 Ag '61.

BUTAKOV, INNOKENTII NIKOLAEVICH, 1861-
Eightieth birthday of Professor I N Butakov, the senior heat engineering scientist in Siberia. Izv vys ucheb. zav., energ. 4 no 8 126-127 Ag '61.

BUTANE
Condensation of mesitylene with 1, 4-dichlorobutane in the presence of aluminum chloride K M Shadmanov Uzb. khim. zhur no 4, 70-72 '61
Equilibrium liquid - liquid in the system acetic acid - water - butane. G. D. Efremova, R. O. Prianikova. Khim. prom no 8 564-566 Ag '61.
Preparation of p-tert-butylphenol based on the C_4 fraction obtained from butane dehydrogenation products M. A. Dalin, R. E. Spivak, E. F. Burmistrov Azerb khim. zhur. no. 6:21-25 '60.
Single-stage dehydrogenation of butane into butadiene in reactors having an adiabatic regenerative cycle D. A. Bol'shakov Khim. prom no 8 525-530 Ag '61.
Synthesis of thiophene from butane and sulfur [in Azerbaijani with summary in English]. I. D. Sadykhov Azerb. khim. zhur. no. 2:53-60 '60.

BUTENE
Alkylation of anisole and phenetole with isoamylenes E. A. Victorova and others Izv. AN SSSR, Otd khim nauk no 8 1518-1519 Ag '61.
Investigating the process of dehydrogenation of butylbenzene into (butenyl) benzene. A. Z. Shikhmamedbekova, N. A. Sevost'ianova, S. I. Sadykh-Zade. Azerb khim zhur. no. 5:37-46 '60.

BUTENYNE
Conjugated systems. Part 142: Addition of triphenylmethyl radicals to vinylacetylene and its homologs. IU. I. Khoruze, A. A Petrov. Zhur ob. khim 31 no. 8 2559-2563 Ag '61.
Sulfoxides and sulfones. Part 2: Stereochemistry of the addition of thiols to triple bonds of diacetylene and 1-alkyl-1-thiobuten-3-ynes and properties of isomeric 1, 4-dialkylsulfonyl-1, 3-butadienes. E. N. Prilezhaeva, L. V. TSymbal, M. F. Shostakovskii. Zhur. ob. khim. 31 no. 8:2487-2496 Ag '61.

BUTLEROV, ALEKSANDR MIKHAILOVICH, 1828-1886
A great Russian chemist; one hundred years of A. M. Butlerov's theory of the chemical structure. A. E. Arbuzov. Priroda 50 no. 9:11-23 S '61.
Prominent chemist. IU. Fialkov. Znan. ta pratsia no. 8: 15 Ag '61.

BUTTERFAT

Effect of the season on the composition and properties of milk fat M V Zalashko Izv vys uchcb. zav , pishch. tekh no 3;18-22 '60

Hulyi, M. F. [Chemical activity of the biological oxidation and synthesis of fats and the problem of higher milk fat content] Khimizm biologichnoho okystennia i syntezu zhyriv ta problema pidvyshchennia zhyrnomolochnosti. Kyiv, Vyd-vo Akad. nauk URSR, 1959 118 p

Increasing the butterfat production of Black and White cattle by pure breeding A. B Ruzheva'kyi Visnyk sil'hosp nauky 3 no. 4:80-85 Ap '60

BUTYL PHOSPHATES

Complexing in the system containing rare earth nitrates and tri- or dibutyl phosphate Z A Sheka, E E Kitse Zhur neorg khim 6 no 8 1930-1935 Ag '61

BUZSKIY DISTRICT—SALINE AND ALKALI SOILS

Groups of indicator plants on saline soils N I Akzhigitova Izv Otd sel'khoz i biol nauk AN Tadzh SSR no 1 23-41 '59

BYKOV, GEORGII PETROVICH, 1896-1960

Georgii Petrovich Bykov; an obituary Obog. rud 5 no. 2 57 '60.

BYKOVO—AIRPLANES—MAINTENANCE AND REPAIR

Review in the regulations M Orobelova Grazhd av 18 no 7 14 Jl '61

BYZANTINE EMPIRE

Akademiia nauk SSSR. Institut istorii. [Byzantine sketches] Vizantiiskie ocherki. Moskva, 1961. 281 p.

"Italy and the Byzantine Empire in the 6th century" by Z V Udal'tsova Reviewed by A. I Neusykhin Sred veka no 20 225-239 '61.

BYZANTINE EMPIRE—HISTORY

Working on the topic "Establishment of feudalism in Byzantium " M Sh. Korenberg Prep ist v shkole 16 no 5 75-78 S-O '61.

CABBAGE

Antonova, T. S. [High cabbage yields] Vysokie urazhai kapusty. [Leningrad] Lenizdat, 1960. 18 p.

CABBAGE—FERTILIZERS AND MANURES see subdivision under Azerbaijan

CABEL see subdivision under Kama Valley

CABLES

(see also subdivision under Ukraine)

Bukshtein, M. A. [Steel cables; reference manuals] Stal'nye kanaty, spravochnoe rukovodstvo. Izd. 2., ispr. i dop. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 175 p.

Continuous line for manufacturing cables. R Lakernik, R. IArov Izobr. i rats. no 9 6-8, 13 S '61.

Steel cable A. Drabkin. NTO 3 no. 9:41-44 S '61.

CABLES—TESTING

Device for testing steel cable suspension lines. G. L. Khigerovich. Energetik 9 no. 4:11-13 Ap '61

CADMIUM

Electrochemical method of production of high purity cadmium. D. P. Zosimovich, K. B. Kladnitskaia, A. N. Grigevich. Zhur. prikl. khim. 34 no. 8 1764-1769 Ag '61.

CADMIUM—ISOTOPES

Spins and parities in certain states of Cd^{112}, Sn^{118}, and Sn^{120}. O F. Nemets, V. V. Tokarevskii. Izv. AN SSSR. Ser. fiz 25 no 9 1138-1140 S '61.

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CADMIUM SULFIDE—SPECTRA

Reflection spectra of polycrystalline cadmium sulfide films at 77, 3° K. N V Pirogova. Dokl. AN SSSR 139 no 6 1413-1415 Ag '61

CADMIUM SULFIDE CRYSTALS

Effect of adhesion levels on the relaxation of photoconductivity in CdS single crystals L. G. Paritskii, S M Ryvkin Fiz tver tela 2 no. 3 547-557 Mr '60

Effect of illumination on the intensity of X-ray reflections from cadmium sulfide crystals M A Rumsh, IU N. Shuvalov, L A. Smirnov Fiz tver tela 2 no 2 369-370 F '60

Investigation of the photoactivation of the photocurrent yields in CdS single crystals V E Lashkarev, E A Sal'kov, M K Sheinkman Fiz tver. tela 3 no 7:1973-1982 Jl '61

Some characteristics of the use of CdS single crystals for recording weak intensities in X-ray spectroscopy E. E. Vainshtein, I B Staryi, V. G. TSukerman Izv. Sib. otd AN SSSR no 7:48-54 '61

CADMIUM SULFIDE CRYSTALS—ELECTRIC PROPERTIES

Some effects of X rays and gamma rays on the electric resistance of CdS crystals M A Talibi, A. G IUsifov. Izv AN Azerb. SSR Ser fiz -mat i tekh nauk no 6 91-97 '60

Some properties of CdS single crystals with an admixture of gold. A I. Marchenko and others Fiz tver tela 3 no. 8 2285-2292 Ag '61

CADMIUM SULFIDE CRYSTALS—GROWTH

Production of cadmium sulfide crystals at elevated pressures. L. M. Belinev and others. Kristallografiia 6 no. 4:641-643 Jl-Ag '61.

CADMIUM SULFIDE CRYSTALS—SPECTRA

Fine structure of absorption spectra of polycrystalline CdS films. N V Pirogova. Dokl AN SSSR 139 no 5 1159-1162 Ag '61

CADMIUM TELLURIDE

Kinetics of induced impurity photoconductivity in cadmium telluride. E. N. Arkad'eva, R S Kasymova, S. M. Ryvkin. Fiz. tver tela 3 no. 8 2417-2426 Ag '61

CADMIUM-TIN ALLOYS—THERMAL PROPERTIES

Variation in the heat conductivity of certain Cd-Sn and Bi-Sn alloys during melting B. P. Pashaev Fiz tver tela 3 no. 8:2442-2444 Ag '61.

CADMIUM-ZINC ALLOYS see Zinc-cadmium alloys

CAFFEIC ACID

Quantitative changes of chlorogenic and caffeic acids in the fermentation of tobacco V K. IUnoshev. Izv. vys. ucheb. zav., pishch. tekh no 4 44-50 '61.

CAISSON DISEASE see Decompression sickness

CAKE

Honey cake with jam. B. Dilzhzha. Obshchestv. pit. no. 6:31 Je '61

CALCIFICATION

Cancer of the gastric mucosa with calcification. I. A. Rodina, M M. Zhdanova, A I Vorotilkin. Klin. med. no. 7:128-129 '61.

CALCITE CRYSTALS

Certain phenomena observed on the boundaries of a twinning interlamination in calcite. V. Z. Bengus, S. N. Komnik, V. I. Startsev. Kristallografiia 6 no. 4:611-620 Jl-Ag '61.

Generation of dislocations in calcite crystals. V. Z. Bengus, S. N. Komnik, V. I. Startsev. Kristallografiia 6 no. 4:598-604 Jl-Ag '61.

CALCIUM

Diffusion of calcium ions in mixed NaCl + $CaCl_2$ crystals. A. N. Murin, S. N. Banasevich, IU. S. Grushko. Fiz. tver. tela 3 no. 8:2427-2433 Ag '61.

Effect of calcium on the form of graphite inclusions in Fe-C-Si alloys [with summary in English]. A. V Chornovol, IU M. Taran, T. O. Panchyna. Dop. AN URSR no 7:911-914 '61

CALCIUM—ANALYSIS

Arsenate-iodometric determination of magnesium and calcium in case of their simultaneous presence. G. B. Shakhtakhtinskii, G. A Aslanov. Trudy Azerb. gos zaoch. ped. inst. 6:83-92 '59.

Arsenate method of the iodometric determination of magnesium and the permanganatometric determination of calcium in the presence of iron, aluminum, and titanium. G. B. Shakhtakhtinskii, G. A. Aslanov. Azerb. khim. zhur no. 3:133-138 '60.

Separate determination of calcium and magnesium in lime carbonate. N. M. In'kova, N. F. Klement'eva. Khim. i tekh. topl. i masel 6 no. 8:64-65 Ag '61.

CALCIUM—SPECTRA

Investigation of the absorption K-spectra of calcium in some compounds. A. T. Shuvaev, V. F. Domekhin. Izv. AN SSSR. Ser. fiz. 25 no. 8 992-993 Ag '61.

CALCIUM CARBONATE

Separate determination of calcium and magnesium in lime carbonate N. M. In'kova, N. F. Klement'eva Khim. i tekh. topl i masel 6 no. 8:64-65 Ag '61

CALCIUM CHROMATE

Aqueous reciprocal system of sodium and calcium chromates and nitrates E. N. Pinaevskaia, N. I. Antoshkina, G. G Guseva. Zhur. prikl. khim. 34 no. 8 1727-1739 Ag '61

Calcium peroxychromates and the mechanism of the catalytic decomposition of H_2O_2 by chromates [with summary in English]. G. A. Bogdanov, G. I. Petrova, A. I. Minaev Zhur. fiz khim 35 no 8:1716-1717 Ag '61.

CALCIUM COMPOUNDS

Formation of calcium silicates, ferrites, aluminate, and titanates in the solid phase [with summary in English] A. S Berezhnoi, R A Korduik. Dop AN URSR no 7 924-927 '61

CALCIUM CYANAMIDE

Investigating processes of calcium cyanamide production in Frank-Caro-type furnaces. P. Kazarian. Prom. Arm. 4 no. 8:43-47 Ag '61.

CALCIUM FLUORIDE—SPECTRA

Band splitting in the luminescence spectra of anisotropic centers in LiF and CaF_2-Eu crystals subjected to oriented deformation. A A Kaplianskii, N A Mochalin, A K Przhevuskii. Opt i spektr. 10 no. 3:368-374 Mr '61

CALCIUM HYPOCHLORITE

Action of calcium hypochlorite on vinyl butyl and vinyl phenyl ethers. M. M. Movsumzade, S. G. Shikhzamanova Azerb khim. zhur. no 2 75-81 '60.

Action of chloride of lime on vinyl ethers. M. Movsumzade, S. Shikhzamanova, T. Meltkov. Azerb. khim zhur no. 4:57-62 '60.

CALCIUM IN THE BODY

Comparative behavior of strontium and calcium in the organism of the cow. L. A. Buldakov, N. I. Burov. Radiobiologiia 1 no. 3:418-423 '61.

CALCIUM OXALATE

Calcium oxalate in the wood of common ash (Fraxinus excelsior L.). V. A. Palandzhian. Izv. AN Arm. SSR. Biol. nauki 14 no. 6:85-90 '61.

CALCIUM OXIDE

"Selectivity" of the thermal radiation of CaO and MgO. V. A. Sokolov, A. N. Gorban', N. A. Nazimova Opt i spektr. 11 no. 2:273-274 Ag '61

CALCIUM SILICATE

Crystal chemistry of binding agents. Kh. S. Mamedov. Azerb. khim. zhur. no. 2:105-116 '61.

CALCIUM SULFATE

Phase transitions of calcium and sodium sulfates and their double salts I. S. Rassonskaia, N. K. Semendiaeva Zhur neorg khim 6 no. 8:1745-1753 Ag '61

Solubility of calcium sulfate in a mixture of acids $H_3PO_4 + H_2SO_4$ and $H_3PO_4 + H_2SiF_6$. O. I. Kurteva, E. B. Brutskus. Zhur. prikl. khim. 34 no. 8 1714-1722 Ag '61.

CALCIUM ZIRCONATE

Investigating the material composition of calcium-zirconium sinter. M. A. Kolonkova, A. I Lainer, V. P. Pavlov. Izv. vys. ucheb. zav., tavet. met. 4 no. 4:102-104 '61.

CALCULATING MACHINES

Algorithm, program, and an example for computing on discrete-action calculating machines the fuel economy regime of a power system involving the state selection of generating units. G. T. Adonts, IU. G. Grigor'ian, M. M. Adonts. Izv. AN Arm. SSR. Ser. tekh. nauk 14 no 3 13-26 '61.

CALCULI, URINARY

Dzhavad-Zade, M. D. [Ureteral calculi] Kamni mochetochnikov. Moskva, Medgiz, 1961. 168 p. (DNLM)

Early detection of nephrolithiasis in units. IU. D. Glukh Voen.-med. zhur. no. 5 82-83 My '61.

Thromboembolism and nephrolithiasis in extensive burns A. V. Zubarev. Voen.-med. zhur. no. 5 83 My '61.

CALCULUS

Banach, Stefan. [Differential and integral calculus. Translated from the Polish] Differentsial'noe i integral'noe ischislenie. Red. S. L Zukhovitskogo. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1958. 404 p. (TxHR)

CALCULUS, DIFFERENTIAL

Many-point difference methods of solving Cauchy's problem for the equation $y' = f(x, y)$ [with summary in English]. B. M. Budak, A. D. Gorbunov. Vest. Mosk un Ser. 1: Mat., mekh 16 no. 4:10-19 Jl-Ag '61

CALCULUS, DIFFERENTIAL (Continued)
Solution of Goursat's problem using many-point difference methods. Part 1 [with summary in English] N. P. Salikhov. Vest. Mosk. un. Ser. 1: Mat., mekh. 16 no. 4:25-34 Jl-Ag '61

CALCULUS, INTEGRAL
Gurnov, V. K. [Integral calculus; textbook for correspondence courses] Integral'noe ischislenie, uchebnoe posobie dlia studentov-zaochnikov. [Kiev] Izd-vo Kievskogo univ. 1961. 326 p.
Some integral inequalities and their use in the theory of differential functions of several variables. V. P. Il'in. Mat. sbor. 54 no. 3 331-380 Jl '61.

CALCULUS, OPERATIONAL
One method of operational calculus of definite integrals. N. A. Meller. Zhur. vych. mat. i mat. fiz. 1 no. 4:500-606 Jl-Ag '61.

CALCULUS OF DIFFERENCES see Difference equations

CALCULUS OF TENSORS
Construction of tensors of given symmetry. Iu. I. Sirotin. Kristallografiia 6 no. 3:331-340 My-Je '61.
Two-dimensional surfaces of spaces of affine connectivity. V. D. Izmailov. Mat. sbor. 54 no. 3 311-330 Jl '61

CALCULUS OF VARIATIONS
Green's E-function of Beltrami's operator and some variation problems. P. I. Lizorkin. Dokl. AN SSSR 139 no. 5 1052-1055 Ag '61

CALLISTHENICS
Invigorating charge. A. Uzilan, O. Mikhailov. Ogonek 39 no. 33,13 Ag '61.

CALMING OF WAVES see Waves, Calming of

CALORIMETERS
Equation for twin calorimeters of any form. IA. M. Nazlev, L. F. Golubev. Izv. AN Azerb. SSR Ser. fiz.-mat. i tekh. nauk no. 6:145-149 '60.

CALORIMETRY
Notes on the history and prospects of direct and indirect calorimetry (concerning R. Wilder's article "Calorimetry"). P. N. Veselkin. Fiziol. zhur. 47 no. 8:1078-1080 Ag '61.

CALORIMETRY—CONGRESSES
Decisions passed by the First All-Union Conference on Calorimetry. S. M. Skuratov. Zhur. fiz. khim. 35 no. 8:1899-1900 Ag '61.
First All-Union Conference on Calorimetry. S. M. Skuratov, V. P. Kolesov. Zhur. fiz. khim. 35 no. 8: 1896-1899 Ag '61.

CALVES—FEEDING AND FEEDS
Valuable substitute of whole milk in feeding calves. S. D. Kuz'menko, F. M. Bodnia. Visnyk sil'hosp. nauky 3 no. 4:87-89 Ap '60.

CAMELS—PARASITES see Parasites—Camels

CAMERAS
Designers are working on these new developments. V. Vorob'ev, M. Shul'man. Sov. foto 21 no. 8:28-30 Ag '61.
Spring diaphragm. R. Mirimanov. Sov. foto 21 no. 8:26 Ag '61.

CAMPING—OUTFITS, SUPPLIES, ETC.
Amateur automobilists go South. A. Anisimov, N. Sinel'nikov, B. Gartenberg. Za rul. 19 no. 7:18-19 Jl '61.

CAMP SITES, FACILITIES, ETC. see subdivision under Moscow region

CAMPS
Work and recreation. A. Vorontsov. Sem'ia i shkola 16 no. 7:17 Jl '61.

CAMS
Cam mechanisms with minor inertia forces in the cam-follower system. L. S. Sheino. Vest. mash. 41 no. 8: 30-33 Ag '61.

CANADA—DESCRIPTION AND TRAVEL
Zavadskii, D. I. [Five years overseas; notes on Canada] Piat' let za okeanom; kanadskie zapiski. Moskva, Sovetskii pisatel', 1961. 349 p. (MH)

CANADA—PAPERMAKING MACHINERY
Forming table with top wires (from "Pulp and Paper Magazine of Canada", 61, convention no., 1960). Bum. prom. 36 no. 8:29-30 Ag '61.
New machines for cutting chips. A. G. Bum. prom. 36 no. 8:28 Ag '61.

CANADA—UKRAINIANS
Ukrainain Society Prosvita, Port Arthur, Ontario. [The golden gate; anniversary book describing fifty years of activities of the Ukrainian Society "Prosvita" in Port Arthur, Ontario, Canada] Zoloti vorota; iuvileina knihа v 50-richchia diial'nosti Ukrains'koho tovarystva "Prosvita" u Port Arturi, Onterio, Kanada. Port Arthur, 1960. 327 p. (IU)

CANADA—UNEMPLOYED
The other side of the "Canadian miracle." S. Dmitriev. Ogonek 39 no. 24 26 Je '61

CANALS
Hydraulic resistance in earth canals. S. Kh. Abal'iants. Trudy SANIIRI no. 108:3-70 '60

CANCER
Agcenko, A. I. [Heterotransplantation of malignant tumors] Geterotransplantatsiia zlokachestvennykh opykholei. Moskva, Medgiz, 1961. 212 p. (DNLM)
Analysis of the mechanism of mitogenic irradiation of the liver in mice with implanted cancerous tumors [with summary in English] V. F. Eremeev. Biul. eksp. biol. i med. 51 no. 4 102-106 Ap '61
Concerning N. A. Ioffa's article "The problem of cancer in the light of embryological data" (Arkiv Patologii, no. 1, 1958). M. P. Shabad-Ivanova. Arkh. pat. 21 no. 10:72-74 '59.
Effect of antisera against irradiated malignant tissues on the growth of experimental tumors in animals exposed to irradiation. Report No. 1. Antibody-producing capacity of irradiated antigens in various species of animals [with summary in English] I. N. Maiskii, P. P. Filatov, G. V. Suvorova. Biul. eksp. biol. i med. 51 no. 4 92-95 Ap '61
Effect of extracts from irradiated and nonirradiated Vicia faba plants on the growth of tumors and homologous normal tissues. L. M. Krilkova, M. S. Lomakin, A. M. Kuzin. Radiobiologiia 1 no. 3:354-357 '61.
Histochemical characteristics of oxidases in cancerous tumors (Rus). S. I. Alkadarskii. Arkh. pat. 21 no. 10: 19-24 '59.
Histogenesis of tumors in soft tissues. G. E. Georgadze. Soob. AN Gruz. SSR 26 no. 4 477-484 Ap '61
Problem of immunogenesis in rabbits during the process of growth of Brown-Pearce carcinoma [with summary in English] M. N. Nilovskii, N. I. Rybakov. Biul. eksp. biol. i med. 51 no. 4:96-98 Ap '61.

CANCER RESEARCH
(see also subdivision under United States)
Origin and treatment of cancer. I. L. Knuniants. Nauka i zhizn' 28 no. 7:18-21 Jl '61.

CANDIDOMYCOSIS see Moniliasis

CANNED FISH see Fish, Canned

CANNED FRUIT see Fruit, Canned

CANNED PEAS see Peas, Canned

CANNING AND PRESERVING
For you, our women. Belarus' 18 no. 9:20 S '61.
From the pages of newspapers. Kons. i ov. prom. 16 no. 6:46-47 Je '61.
We will greet the 22d Congress of the CPSU with the fulfillment of the plan for the third quarter ahead of schedule. Kons. i ov. prom. 16 no. 6:1-3 Je '61

CANNING AND PRESERVING—EQUIPMENT AND SUPPLIES
Distributor of tin cans. A. F. Beloshеikov. Kons. i ov. prom. 16 no. 6:19-20 Je '61.
Increasing the life of heat exchangers of steam-heated deep-fat fryers. N. N. Raikov. Kons. i ov. prom. 16 no. 7:26-27 Jl '61.

CANNING INDUSTRY
(see also subdivision under Adyge Autonomous Province; Astrakhan Province; Azerbaijan; Krasnodar Territory; Labinsk; Moldavia; Novozybkov; Odessa; Staritsa)
Conference on labor and wages. S. U. Lyakovich. Kons. i ov. prom. 16 no. 6:41-43 Je '61.
Co-ordination conference on economics. G. M. Movshovich. Kons. i ov. prom. 16 no. 9:43-45 S '61
For better co-ordination of scientific research work. Kons. i ov. prom. 16 no. 9:1-4 S '61.
From the pages of newspapers. Kons. i ov. prom. 16 no. 7:44-45 Jl '61.
From the pages of newspapers. Kons. i ov. prom. 16 no. 9:46-47 S '61.
Great variety of grades in canned food complicates work. V. M. Zozulina. Kons. i ov. prom. 16 no. 7:34-35 Jl '61.
Inadequacies in the instruction for determining the capacity of canning and preserving plants. R. IA. Tkachev. Kons. i ov. prom. 16 no. 9:33-35 S '61.
Increase labor productivity daily. A. N. Danilov. Kons. i ov. prom. 16 no. 7:33-34 Jl '61.
Seminar for workers engaged in the planning of the canning of the R.S.F.S.R. Kons. i ov. prom. 16 no. 6:43-46 Je '61.
Worthy welcome to the 22d Congress of the CPSU. Kons. i ov. prom. 16 no. 6:3-4 Je '61.

CANNING INDUSTRY—EQUIPMENT AND SUPPLIES
(see also subdivision under Daghestan; Italy; Moldavia; Novozybkov; Odessa; Rostov-on-Don)
Preventing the spilling of liquids on an accelerating canned-food production line. N. V. Morozov, G. L. Shved. Izv. vys. uchеb. zav., pishch. tekh. no. 3:89-95 '60.
Sterilization of canned food in a continuous hydrostatic sterilizer. M. S. Mordkovich and others. Kons. i ov. prom. 16 no. 9:13-19 S '61

CANNING INDUSTRY—LABOR PRODUCTIVITY
How to increase labor productivity in the canning and preserving industry. G. M. Movshovich. Kons. i ov. prom. 16 no. 6 30-33 Je '61

CANNING INDUSTRY—PERIODICALS
Readers' conference in Kishinev. Kons. i ov. prom. 16 no. 7:43 Jl '61

CAPILLARIES
Changes in the capillaroscopic picture in bronchial asthma in children. N. A. Tiurin. Pediatriia no. 9 48-50 '61.

CAPILLARIES—PERMEABILITY
Change in the permeability of the capillaries in pneumonias in children. T. S. Sirotova. Pediatriia no. 9 33-37 '61.

CAPILLARITY
Rate of the movement of water in a layer of finely ground iron ores and concentrates [with summary in English] V. I. Korotich. Inzh. fiz. zhur. 4 no. 7 91-95 Jl '61
Temperature effect on the state of absorbed capillary moisture in macroscopic pores of a disperse body [with summary in English] M. F. Kazanskii. Inzh.-fiz. zhur. 4 no. 3 53-57 Mr '61

CAPITAL
Budavoi, V. IU. [What are the fixed assets and working capital of an enterprise] Chto takoe osnovnye i oborotnye fondy predpriiatii. Pod obshchei red. L. A. Leont'eva. [Moskva] Mosk. rabochii, 1961. 51 p. (Osnovy ekonomicheskikh znanii - kazhdomu rabochemu)
Rotshtein, L. A. [Working capital in regional economic councils; organization and planning] Oborotnye sredstva v sovnarkhozakh, organizatsiia i planirovanie. Moskva, Gosfinizdat, 1961. 110 p.

CAPITAL INVESTMENTS
Economic effectiveness of capital investments. IA. Kvasha, V. Krasovskii. Kommunist 38 no. 15:63-72 O '61.
Economic efficiency of capital investments in prospecting for mineral deposits. R. Z. Kosukhin. Izv. vys. ucheb. zav.; tsvet. met. 4 no. 4:156-160 '61.
Foreign economists on Soviet studies on the efficiency of capital investments. IU. Sukhotin. Vop. ekon. no. 9:120-127 S '61.

CAPITALISM
(see also subdivision under United States)
A conference on timely problems. G. A. Moskvina, V. A. Pechenev. Vop. filos. 15 no. 9:122-124 '61.
Fabiunke, Günter. [People's capitalism in theory and in practice. Translated from the German] Narodnyi kapitalizm v teorii i na praktike. Red. A. A. Galkin. Moskva, Izd-vo inostr. lit-ry, 1959. 95 p. (NcU)
The genesis of capitalism in Russia [with summary in English, pp. 218-219]. S. G. Strumilin. Vop. ist. no. 9: 56-69 S '61.
New phase in the development of the general crisis of capitalism. I. Kulikov. Komm. Vooruzh. Sil 1 no. 3: 15-23 F '61.

CAR SERVICE (FREIGHT) see Demurrage (Car service)

CAR TRUCKS (RAILROADS)
Design specifications for new car trucks. Zhel.-dor. transp. 43 no. 9:81 S '61

CAR WHEELS—MAINTENANCE AND REPAIR
Lengthening the service life of rolling stock wheels. S. V. Alekhin, I. M. Zolotnikov, P. M. Simonov. Zhel.-dor. transp. 43 no. 9:58-61 S '61.

CARBAZOLE
Polarographic determination of anthracene, phenanthrene, and carbazole in by-products of the coke industry. A. G. Pozdeeva. Zhur. prikl. khim. 34 no. 8: 1842-1849 Ag '61.
Products of the reaction between 3-aminocarbazole and β-hydroxynaphthoic acid. V. I. Shishkina, Z. V. Pushkareva, T. N. Igon'kina. Zhur. prikl. khim. 34 no. 8: 1895-1898 Ag '61.

CARBIDES
Electric processes in the shell of the carbide furnace. R. A. Chugurian. Izv. AN Arm. SSR. Ser. tekh. nauk 14 no. 3:27-34 '61.

CARBOHYDRATE METABOLISM
Indices of carbohydrate and phosphorus metabolism in the blood of pregnant animals. A. A. Truevs'kyi. Visnyk sil'hosp. nauky 3 no. 4:85-87 Ap '60.
Species differences in carbohydrate and ascorbic acid metabolism disorders in rodents with plague intoxication [with summary in English]. A. G. Kratinov, N. M. Khar'kova. Biul. eksp. biol. i med. 51 no. 5:63-67 My '61.

CARBOHYDRATES

Kochetkov, N. K., I. V. Torgov, and M. M. Botvinik. [Chemistry of natural compounds, carbohydrates, nucleotides, steroids, proteins] Khimiia prirodnykh soedinenii, uglevody, nukleotidy, steroidy, belki. Moskva, Izd-vo Akad. nauk SSSR, 1961. 558 p.

New syntheses of C-substituted carbohydrates. Iu. A. Zhdanov, G. A. Korol'chenko. Dokl. AN SSSR 139 no. 6 1363-1366 Ag '61.

Some features of carbohydrate metabolism in plants of the alpine zone of the Pamirs. R. M. Reinus. Izv. Otd. sel'khoz. i biol. nauk AN Tadzh. SSR no. 1 59-78 '59.

CARBON

Lessons on the study of the nitrogen and carbon cycles in nature. R. N. Kniazeva, L. A. Korobeinikova. Khim. v shkole 6 no. 4, 70-77 Jl-Ag '61.

CARBON, ACTIVATED

Lower adsorption capacity of activated coal as a result of the polymerization of acetylene on its surface. Al. M. Kuliev, B. A. Pinsker, T. P. Brovchenko. Azerb. khim. zhur., no. 3, 31-35 '60.

CARBON DIOXIDE

Device for determining carbon dioxide. N. V. Trubitsyn. Izv. vys. ucheb. zav.; pishch. tekh. no. 3, 158-160 '60.

Estimating the significance of CO_2 for the integral function of absorption in homogeneous horizontal layers of the air. T. D. Ventikova. Trudy GGO no. 118, 82-85 '61.

Role of the physical condition of carbon dioxide and air in the formation of the structure of bread crumbs. I. M. Roitel'. Izv. vys. ucheb. zav., pishch. tekh. no. 4, 79-81 '61.

Separation of oxygen isotopes by the exchange $CO_2 - H_2O$ in an electric discharge. I. A. Semiokhin and others. Zhur. fiz. khim. 35 no. 8, 1881-1883 Ag '61.

Utilization of carbonic acid obtained from the exhaust gases of boilers. P. N. Lazutkov, D. S. Gorlainova. Energetik 9 no. 4, 17-19 Ap '61.

CARBON ELECTRODES see Electrodes, Carbon

CARBON-IRON-SILICON ALLOYS see Iron-carbon-silicon alloys

CARBON TETRACHLORIDE

Variation of the multiplet nature of the spectrum of quadrupole nuclear resonance in solid CCl_4. V. S. Grechishkin, Iu. G. Svetlov, G. B. Soifer. Fiz. tver. tela 3 no. 8, 2390-2393 Ag '61.

CARBONATED BEVERAGES—EQUIPMENT AND SUPPLIES see subdivision under Poland

CARBONYL COMPOUNDS

β-Dicarbonyl compounds. Report No. 9. Reaction between β-dicarbonyl compounds and hydrogen peroxide. L. P. Vinogradova, S. I. Zav'ialov. Izv. AN SSSR Otd. khim. nauk no. 8, 1482-1486 Ag '61.

Investigating carbonyl compounds of the middle fraction of peat tar. K. V. Grigor'eva, N. M. Karavaev. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 4, 166-174 Jl-Ag '61.

Mechanism of the formation of carbonyl compounds and acids in emulsion oxidation of isopropylbenzene. R. V. Kucher, S. D. Kaz'min. Dokl. AN SSSR 139 no. 5, 1114-1116 Ag '61.

Separation by flotation of carbonyl residues. E. I. Maslenitskaia. Obog. rud 5 no. 2, 24-27 '60.

CARBOXYL GROUP

Determination of aldehyde and carboxyl groups in cellulose preparations. Kh. U. Usmanov, R. V. Perlina. Uzb. khim. zhur. no. 4, 22-31 '61.

CARDIAC CATHETERIZATION

Complications in cardiac catheterization in patients with mitral stenosis. V. I. Vasil'ev, N. A. Pastukhov. Klin. med. no. 7, 102-106 '61.

CARDING MACHINES

Soviet cotton carding machines. A. V. Vostrodovskii, L. A. Fedorov. Tekst. prom. 21 no. 7, 9-11 Jl '61.

Ways of improving the performance of the doffer comb. G. V. Dzhokharidze. Tekst. prom. 21 no. 7, 11-15 Jl '61.

CARDIOVASCULAR SYSTEM

Influence of rowing exercises on the cardiovascular system of older officers under sanatorium conditions. E. A. Poruchikov. Voen.-med. zhur. no. 6, 79-80 Je '61.

Reactivity of the circulatory organs in disorders of the acetylcholine synthesis [with summary in English]. A. A. Uzbekov. Arkh. pat. 21 no. 10, 45-49 '59.

CARDS—MORAL AND RELIGIOUS ASPECTS

Should children be allowed to play cards? Sem'ia i shkola 16 no. 7, 13 Jl '61.

CARGO HANDLING

Cargoes are delivered on time. Tyl i snab. Sov. Voor. Sil 21 no. 7, 46-49 Jl '61.

CARICATURES AND CARTOONS

Mikhalov, S., Bor. Efimov, and M. Abramov. [International reportage] Mezhdunarodnyi reportazh. [Moskva, Gos. izd-vo polit. lit-ry, 1961] 1 v.

CARNIVORA

Little predators. Kenneth W. Vinton. Vokrug sveta no. 8, 20-21 Ag '61.

CAROTENE

The alga Dunaliella salina Teod. as a source of β-carotene [with summary in English]. I. H. Drokova. Ukr. bot. zhur. 18 no. 1, 110-112 '61.

Carotene-bearing alga Dunaliella salina Teod. in saline waters of the Crimea [with summary in English]. N. P. Masiuk. Ukr. bot. zhur. 18 no. 1, 100-109 '61.

Carotene content of principal pasture plants in Badkhyz. I. A. Ermakova. Izv. AN Turk. SSR Ser. biol. nauk no. 1, 12-48 '61.

Dynamics of the pigment content and chlorophyllase activity of fruit [with summary in English]. O. H. Sud'ina, E. I. Romanenko. Ukr. bot. zhur. 18 no. 4, 3-12 '61.

CAROTENE—SPECTRA

Electron paramagnetic resonance spectrum of β-carotene. IA. K. Syrkin, V. M. Kazakova. Izv. AN SSSR Otd. khim. nauk no. 8, 1527 Ag '61.

CARP

Some characteristics of fat accumulation in the carp. N. P. Makarova. Trudy sov. ikht. kom. no. 13, 397-401 '61.

CARPATHIAN MOUNTAIN REGION—AGRICULTURE

Handful of soil. V. Zyslin. Vokrug sveta no. 8, 30, 38 Ag '61.

CARPATHIAN MOUNTAIN REGION—FOEHN

Foehn in the Carpathian Mountain region. V. I. Vovchenko. Trudy UkrNIGMI no. 25, 16-32 '61.

CARPATHIAN MOUNTAIN REGION—GLACIAL EPOCH

Quaternary glaciation in the cis-Carpathian region and on the northern slope of the eastern Carpathians. E. D. Stohyn. Geog. zbir. no. 4, 185-189 '61.

CARPATHIAN MOUNTAIN REGION—SOCIAL CONDITIONS

Handful of soil. V. Zyslin. Vokrug sveta no. 8, 30, 38 Ag '61.

CARPATHIAN MOUNTAINS—BOTANY

Characteristics features of germination in mountain plants [with summary in English]. I. V. Vainshti. Ukr. bot. zhur., 18 no. 4, 74-80 '61.

CARPATHIAN MOUNTAINS—CLIMATE

Using the graphical method in reliability calculations for mountain regions as exemplified by the Carpathians. A. N. Lebedev. Trudy GGO no. 122, 27-47 '61.

CARPATHIAN MOUNTAINS—GEOLOGY, STRUCTURAL

Structural characteristics of the Orovskaya Skiba in the region of the Prut River (Eastern Carpathians) [with summary in English]. V. S. Sasinovych. Dop. AN URSR no. 7, 941-945 '61.

CARPATHIAN MOUNTAINS—MATGRASS

Malynovs'kyi, K. A. [Matgrass pastures in the subalpine belt of the Ukrainian Carpathians] Bilovusovi pasovyshcha subal'piis'koho poiasa Ukrains'kykh Karpat. Kyiv, Vyd-vo Akad. nauk URSR, 1959. 203 p.

CARPATHIAN MOUNTAINS—MINERALOGY

Establishment of mineralogical provinces in the northwestern part of the Ukrainian Carpathians and their significance for paleogeographical reconstructions [with summary in English]. F. P. Temniuk, O. S. Riabokon'. Dop. AN URSR no. 7, 955-959 '61.

CARPATHIAN MOUNTAINS—SOIL STABILIZATION

Stabilizing slide rocks of the Carpathians with root systems of the mountain pine. O. V. Chubatyi. Visnyk sil'hosp. nauky 3 no. 4, 46-51 Ap '60.

CARPATHO-UKRAINE see Transcarpathia

CARPENTRY—TOOLS

Benches for fretwork. S. Razumov. Shkola i proizv. 5 no. 6, 83 Je '61.

Wedge-fastened carpenter's bench. S. Mokshin. Shkola i proizv. 5 no. 6, 82-83 Je '61.

CARRIAGES AND CARTS

Carts without bearings. G. Azatian. Prom. Arm. 4 no. 6, 46-47 Je '61.

CARROTS

Methods of placing strip paper mulch in mechanized planting of carrots [with summary in English]. V. I. Edel'shtein, V. P. Kochetkov. Izv. TSKhA no. 2, 85-97 '61.

CARTILAGE

Regeneration of the articular cartilage following transarticular osteosynthesis with metal wire. A. Baier, E. Vondrak. Ortop., travm. i protez. no. 7, 32-35 '61.

CARTILAGE—TRANSPLANTATION

Regeneration of cartilages during cultivation within the organism [with summary in English]. Z. S. Khlystova. Biul. eksp. biol. i med. 51 no. 4, 118-121 Ap '61.

CARTOGRAPHY

How to publish cartographic sources. L. A. Goll'denberg, O. M. Medushevskaia. Ist. arkh. 7 no. 4, 193-203 Jl-Ag '61.

Kiempol'skii, V. F. [Handbook on cartography for workers of map printing plants] Pamiatka po kartografii dlia rabochego kartograficheskoi fabriki. Izd. 2., ispr. i dop. Moskva, Geodezizdat, 1949. 93 p. [PHOTOCOPY]

Kuropatenko, F. K. [Soil mapping of zones covered by machine-tractor stations and administrative regions] Zemleustroitel'noe kartografirovanie zon deiatel'nosti MTS i administrativnykh raionov. Pod red. V. I. Sukhova. Gorki, M-vo sel'. khoz. SSSR, 1957. 181 p.

CASE HARDENING

Boride diffusion layers on metals. A. N. Minkevich. Metalloved. i term. obr. met. no. 8, 9-15 Ag '61.

Chlorination, sulfurization and thiocyanidling used as means for increasing the wear resistance of metals. Iu. M. Vinogradov. Trudy NIIKHIMMASH no. 27, 150-167 '59.

Diffusion saturation of iron and steel by tin and antimony. V. K. Titov, E. F. Makarov. Metalloved. i term. obr. met. no. 8, 18-22 Ag '61.

Effect of heat treatment on the strength of bonding nickel-phosphorous coatings to hardened KhVG steel. G. G. Zusmanovich. Metalloved. i term. obr. met. no. 8, 40-42 Ag '61.

Increasing the wear resistance of metals by chemical heat treatment. N. S. Dombrovskaia, P. A. Alekseeva. Trudy NIIKHIMMASH no. 27, 142-149 '59.

CASEIN

Absorption of casein-I^{131} and methionine-S^{35} from the digestive tract at various times after the resection of two-thirds of the stomach [with summary in English]. K. S. Zamychkina, L. V. Kriukova. Biul. eksp. biol. i med. 51 no. 4, 43-47 Ap '61.

A particular case of enzymatic coagulation of casein solution. Sh. G. Gonashvili. Soob. AN Gruz. SSR 25 no. 5, 531-537 My '61.

CASPIAN LOWLAND—ARCHAEOLOGY

For the economic revival of the Caspian Lowland region. E. I. Krupnov. Sov. arkheol. 5 no. 3, 3-13 '61.

CASPIAN LOWLAND—GAS, NATURAL—GEOLOGY

IAkutseni, V. P. [Hydrology of the southeastern Caspian Lowland in connection with oil and gas potentials] Gidrogeologiia iugo-vostoka Prikaspiiskoi vpadiny v sviazi s neftegazonosnost'iu. Leningrad, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry. Leningr. otd-nie, 1961. 230 p. (Leningrad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy, no. 167)

CASPIAN LOWLAND—IRRIGATION FARMING

For the economic revival of the Caspian Lowland region. E. I. Krupnov. Sov. arkheol. 5 no. 3, 3-13 '61.

CASPIAN LOWLAND—PETROLEUM GEOLOGY

IAkutseni, V. P. [Hydrology of the southeastern Caspian Lowland in connection with oil and gas potentials] Gidrogeologiia iugo-vostoka Prikaspiiskoi vpadiny v sviazi s neftegazonosnost'iu. Leningrad, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry. Leningr. otd-nie, 1961. 230 p. (Leningrad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy, no. 167)

CASPIAN SEA—BREAM

Effect of fattening and the abundance of brood fish on the quantity of offspring in the Caspian bream. K. A. Zemskaia. Trudy sov. ikht. kom. no. 13, 307-313 '61.

CASPIAN SEA—FISHERIES

Dynamics of the abundance of exploited roach, bream, and pike perch stocks of the northern Caspian. V. N. Lukashov. Trudy sov. ikht. kom. no. 13, 445-453 '61.

CASPIAN SEA—FLOATING CRANES

Around us. Ogonek 39 no. 26, 25 Je '61.

CASPIAN SEA—HERRING

Time of the setting of the first annulus of scales and sexual maturation in the Caspian herring Clupeonella engrauliformis. B. I. Prikhod'ko. Trudy sov. ikht. kom. no. 13, 386-390 '61.

CASPIAN SEA—HYDROLOGY

Extralong-range forecasting of the level of the Caspian Sea taking into consideration the solar factor. V. A. Rutkovskaia. Trudy Inst. okean. 37, 65-72 '60.

Technical measures for solving the regulation of the level of the Caspian Sea. R. V. Nikolaeva. Trudy Inst. okean. 37, 101-109 '60.

CASPIAN SEA—HYDROLOGY—RESEARCH

Model of North Caspian Reservoir and some experiments made with it. V. P. Kliukanov. Trudy Inst. okean. 37, 123-148 '60.

CASPIAN SEA—METEOROLOGY, MARITIME

Possibility of forecasting some characteristics of winter on the Caspian Sea. V. V. Lukianov. Trudy Inst. okean. 37:92-100 '60.

CASPIAN SEA—OIL WELL DRILLING, SUBMARINE

With the masters of the sea. A. Bezborodova. Znan. ta pratsia no. 10. 20-21 O '61.

CASPIAN SEA—ROACH (FISH)

Decrease in the size of roach in the northern Caspian A. I. Sergeeva. Trudy sov. ikht. kom. no. 13 402-410 '61.

CASPIAN SEA—SHAD

Possible effect of hybridization on changes in the abundance of the Volga herring and the Caspian shad. I. N. Kazancheev. Trudy sov. ikht. kom. no. 13 441-141 '61

CASSITERITE

Flotation of cassiterite, review of research carried out. S. D. Sukhovol'skaia. Obog. rud. 1 no. 1-2 '58

CAST IRON—ANALYSIS

Dependence of the surface tension of cast iron on its chemical composition. K. I. Vashchenko, A. P. Rudoi. Izv. vys. ucheb. zav., chern. met. 4 no. 7 26-32 '61

CAST IRON—HARDENING

Effect of preliminary isothermal hardening on the graphitization of white cast iron. I. N. Bogachev, G. S. Davydov. Izv. vys. ucheb. zav., chern. met. 4 no. 7 154-161 '61.

Oriented crystallization of graphite on the surface of Fe-C alloys during heat treatment in vacuum. V. N. L'vianol. Izv. vys. ucheb. zav., chern. met. 4 no. 7 162-166 '61.

CAST IRON—METALLOGRAPHY

Mechanism and kinetics of isothermal crystallization of magnesium cast iron. K. P. Bunin, L. T. Kalinina. Izv. vys. ucheb. zav., chern. met. 4 no. 7 176-179 '61

CAST IRON—METALLURGY

Effect of technological factors on the desulfuration of cast iron by the reduction of certain active metals. M. A. Rabkin and others. Izv. vys. ucheb. zav., chern. met. 4 no. 7 36-43 '61

CAST IRON—TESTING

Charge and capacity of a double layer in the system cast iron - slag. B. V. Patrov. Izv. vys. ucheb. zav., chern. met. 4 no. 7:33-35 '61.

CAST IRON—WELDING

Repairing of cast-iron parts by welding. G. A. Maslov. Bum. prom. 36 no. 8:24-26 Ag '61.

CASTING, CONTINUOUS see Continuous casting

CASTRATION

Anatomical and histological characteristics of some organs in farm animals as related to different methods of castration. E. V. Kudilov, A. A. Baiburtsian, A. A. Ovsepian. Izv. AN Arm. SSR, Biol. nauki 14 no. 8:7-13 '61.

CATALOGING

Gilliarevskii, R. S. [Development of modern cataloging principles, a brief outline] Razvitie sovremennykh printsipov knigoopisaniia, kratkii ocherk. Moskva, Izd-vo Vses. knizhnoi palaty, 1961. 182 p.

CATALOGING OF GOVERNMENT PUBLICATIONS

The cataloging of documentary materials. M. I. Avtokratova. Ist. arkh. 7 no. 4:182-193 Jl-Ag '61

CATALOGS, UNION

[Union list of new foreign books, received by the libraries of the U.S.S.R. Series A. Natural sciences, medicine, agriculture, technology.] Svod. biul. nov. inostr. knig, postup. v bibl. SSSR. Ser. A. Est. nauki, med., sel'. khoz., tekh. no. 3 '61

[Union list of new foreign books, received by the libraries of the U.S.S.R. Series B. Social sciences.] Svod. biul. nov. inostr. knig, postup. v bibl. SSSR. Ser. B. Obshchestv. nauki no. 3 '61.

[Union list of new foreign books, received by the libraries of the U.S.S.R. Series B. Social sciences.] Svod. biul. nov. inostr. knig, postup. v bibl. SSSR. Ser. B. Obshchestv. nauki no. 4 '61.

CATALOGS, UNIVERSAL see Bibliography, International

CATALYSIS

Catalytic action of water on chemical reactions between oxides at high temperatures. A. I. Leonov. Izv. AN SSSR. Otd. khim. nauk no. 8 1411-1416 Ag '61.

Catalytic conversion of hydrocarbons of the kerosine fraction [in Azerbaijani with summary in Russian]. M. A. Mardanov, S. A. Sultanov. Azerb. khim. zhur. no. 2:47-52 '60.

Conversion of natural gas on a nickel catalyst in the presence of silica. N. P. Grebenshchikova and others. Uzb. khim. zhur. no. 4:73-78 '61.

Kinetics of the catalytic conversion of a methane-hydrogen mixture with water vapor. V. P. Rozhdenstvenskii, M. V. Il'ina-Veselova. Zhur. prikl. khim. 34 no. 8. 1834-1841 Ag '61.

Nikolaev, L. A. [Catalysis and catalysts; a manual for teachers] Kataliz i katalizatory, posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 76 p.

Panchenko, G. M., and V. P. Lebedev. [Chemical kinetics and catalysis] Khimicheskaia kinetika i kataliz. [Moskva] Izd-vo Mosk. univ., 1961. 550 p.

Some problems involved in cation exchange catalysis. Kh. R. Rustamov, L. G. Fatkulina, K. A. Agzamov. Uzb. khim. zhur. no. 1:32-35 '61

Studying the mechanism of catalytic synthesis of methyl alcohol by the change of the work function [with summary in English]. M. T. Rusov, N. M. Kozub, V. M. Vlasenko. Dop. AN URSR no. 7 935-937 '61.

CATALYSTS

Activity of chromoaluminomagnesiosilicate catalysts in the reaction of polymerization of ethylene into polyethylene. Z. G. Zul'fugarov and others. Azerb. khim. zhur. no. 2:107-115 '60.

Activity of oxide catalysts in the conversion of gas condensate to unsaturated hydrocarbons [in Azerbaijani with summary in Russian]. Z. G. Zul'fugarov, Z. A. Guseinova, G. I. Alimardanov. Azerb. khim. zhur. no. 4 75-82 '60

Chlorination of n-hexane on mixed catalysts and alloys of metal salts. V. A. Nekrasova, N. P. Starodub. Azerb. khim. zhur. no. 2 83-88 '60

Effect of gamma rays on the activity of platinum-containing catalysts. Kh. M. Minachev, Iu. S. Khodakov. Izv. AN SSSR. Otd. khim. nauk no. 8 1430-1432 Ag '61

Effect of spinel formation on the regenerative capacity of the Ni - Al_2O_3 catalyst. V. M. Akimov and others. Izv. AN SSSR. Otd. khim. nauk no. 8:1516-1518 Ag '61.

Semiconductors as catalysts. F. F. Vol'kenshtein. Nauka i zhizn' 28 no. 8:11-15 Ag '61

Structure and activity of supported nickel catalysts. Part 1. Structural changes of the catalyst support during the deposition of nickel [with summary in English]. A. E. Agronomov, Iu. S. Mardashev. Zhur. fiz. khim. 35 no. 8:1666-1671 Ag '61

Vapor phase catalytic ketonization of CH_3COOH over oxides of tetravalent metals and BeO. V. I. Akerson and others. Izv. AN SSSR. Otd. khim. nauk no. 8:1527-1528 Ag '61

CATHEDRALS see subdivision under Kiev

CATHODE RAY OSCILLOGRAPH

Method for measuring the charge concentration in plasma by means of a resonance superhigh-frequency probe. S. M. Levitskii, I. P. Shashurin. Zhur. tekh. fiz. 31 no. 4 436-444 Ap '61.

CATHODE RAY TUBES

Baranovskii, V. I. [Electron-beam tubes] Elektronno-luchevye trubki. Moskva, Gos. energ. izd-vo, 1961. 223 p.

CATHODES

Energy methods for analyzing pulse-emitted thermoelectrons. V. N. Lutskii. Radiotekh. i elektron. 6 no. 9 1566-1573 S '61.

CATHODIC PROTECTION

Cathodic protection of refrigeration condensers. V. F. Negrei and others. Azerb. neft. khoz. 39 no. 2 38-40 F '60.

CATHOLIC CHURCH see subdivision under Germany, West

CATHOLIC CHURCH—RELATIONS (GENERAL) WITH RUSSIA

"Russia and the Papacy" [in German] by Eduard Winter. Reviewed by Ionas Rozner. Sov. Ukr. 11 no. 9. 178-180 S '61.

CATTLE

It's time to prepare for the wintering of cattle. Sov. deput. trud. no. 8:77-79 S '61.

CATTLE—DISEASES AND PESTS

Prophylaxis of hemosporidiosis in cattle kept under conditions of the stall and field shelter system. V. I. Ermoshkovich. Izv. Otd. sel'khoz. i biol. nauk AN Tadzh. SSR no. 1 131-148 '59

CAUCASIAN LANGUAGES—GRAMMAR, COMPARATIVE

Akademiia nauk SSSR. Institut iazykoznaniia. [Iberian-Caucasian languages] Voprosy izucheniia iberiisko-kavkazskikh iazykov. Moskva, 1961. 281 p.

CAUCASUS—ALBANIANS

More about the "History of Caucasian Albanians" by Mojsije Kagankatvacij. Z. M. Buniatov. Izv. AN Azerb. SSR. Ser. obshchestv. nauk no. 4 3-9 '61.

CAUCASUS—BEECH

Seasonal and annual dynamics of the amount of forest litter in principal beech forest types and its effect on soil formation and forest reproduction. M. G. Zangiev. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 6:11-20 '61.

CAUCASUS—GLACIERS

Glacier movement in the Caucasus. V. Sh. TSomaia. Trudy Tbil. NIGMI no. 7 133-140 '60

A survey of present glaciation in the northeastern part of the Greater Caucasus. I. M. Kisin. Trudy Tbil. NIGMI no. 7 141-150 '60

CAUCASUS—PETROLEUM GEOLOGY

Oligocene-Miocene complex of the southeastern Caucasus as an example of a syngenetic oil-bearing formation. S. G. Salaev. Azerb. neft. khoz. 40 no. 6 1-3 Je '61

CAUCASUS—RAILROADS—SAFETY MEASURES

Russia (1923- U. S. S. R.) Komitet po zemlianomu polotnu. [Control of landslides, avalanches and washouts on railroads in the Caucasus; papers of a conference held in Rostov from February 1st to February 4th, 1960] Bor'ba s opolznjami, obvalami i razmyvami na zheleznykh dorogakh Kavkaza, trudy soveshchaniia, provedennogo v g. Rostove s 1 po 4 fevralia 1960 g. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 166 p.

CAUCASUS—ROCKS, SEDIMENTARY

Conditions of the formation of sedimentary formations in the southeastern Caucasus. A. G. Aliev. Dokl. AN SSSR 139 no. 5 1211-1213 Ag '61

CAUCASUS, NORTHERN—HOME AND SCHOOL

Example of railroad schools. V. Pevzner. Sem'ia i shkola 16 no. 8 11-13 Ag '61

CAUCASUS, NORTHERN—WORLD WAR, 1939-1945

Gaidovskii, G. N., and A. A. Uzilian. [With "Leica" and notebook; recollections of the war years] S "leikoi" i bloknotom, vospominaniia voennykh let. Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 123 p.

In the foothills of the Caucasus. I. Saftonov. Tyl i snab. Sov. Voor. Sil 21 no. 6 49-52 Je '61

CAVE DRAWINGS see subdivision under Belaya Valley, Bashkiria, Zastavna District

CAVES see subdivision under Moscow Province, Ural Mountains

CAVITATION

Cavitation. O. Kurbatskii. Pozh. delo 7 no. 8:23-24 Ag '61.

Effect of the density of a medium in a cavity on the characteristics of cavitation flow [with summary in English]. M. A. Peshkin. Inzh.-fiz. zhur. 4 no. 3 116-118 Mr '61.

CEDAR see subdivision under Ob' Valley

CELESTIAL MECHANICS see Mechanics, Celestial

CELL DIVISION (BIOLOGY)

Analysis of the mechanism of mitogenic irradiation of the liver in mice with implanted cancerous tumors [with summary in English]. V. F. Eremeev. Biul. eksp. biol. i med. 51 no. 4 102-106 Ap '61.

Mitogenic irradiation of the neuromuscular system as a method for the analysis of its molecular substrate. Report No. 3. Regulatory effect of spinal centers on the molecular substrate of muscles in animals of various ages and the role of the regulation in muscle metabolism [with summary in English]. A. A. Gurvich, V. F. Eremeev, M. A. Lipkind. Biul. eksp. biol. i med. 51 no. 4 57-61 Ap '61.

Synchronization of budding in yeast. A. I. Golub. TSitologiia 3 no. 4 481-484 Jl-Ag '61.

CELL NUCLEI

Comparative electron microscope study of the structure of spermatocyte nucleoli in argasid ticks. Iu. L. Goroshchenko, V. F. Mashanskii. TSitologiia 3 no. 4 389-395 Jl-Ag '61.

Effect of gamma irradiation on the synthesis of desoxyribonucleic acid in isolated cell nuclei of the thymus gland. Report No. 1: Incorporation of formate-C^{14} and adenine-C^{14} into nitrogenous bases of desoxyribonucleic acid of isolated nuclei. E. V. Budilova. Radiobiologiia 1 no. 3:333-336 '61.

Histochemical examination of cell nuclei from the alveolar connective tissue under the influence of ultrasonics in experiments on white rats [with summary in English]. A. P. Speranskii, I. L. Meritsveladze. Biul. eksp. biol. i med. 51 no. 5-101-103 My '61.

CELLS

Localized effects of ionizing radiation on cellular components. A. L. El'darov, N. N. Rott. TSitologiia 3 no. 4:377-388 Jl-Ag '61.

Shubnikova, E. A. [The secretory cell; lecture 1] Sekretornaia kletka; lektsiia 1. [Moskva] Izd-vo Mosk. univ., 1961. 52 p.

Some controversial problems of cytoecology. B. P. Ushakov. TSitologiia 3 no. 4:455-466 Jl-Ag '61.

CELLULOSE

Crystallization of cellulose tribenzoate. P. V. Kozlov and others. Dokl. AN SSSR 139 no. 5:1149-1152 Ag '61.

CELLULOSE (Continued)

Determination of aldehyde and carboxyl groups in cellulose preparations Kh U. Usmanov, R. V Perlina Uzb khim. zhur no 4 22-31 '61

Electrokinetic properties of monocarboxyl cellulose and some acid esters of cellulose [with summary in English]. V. I. IUr'ev, B. S. Pozin Koll zhur 23 no 4: 499-503 Jl-Ag '61

Protection of cellulose materials against destruction by micro-organisms in tropical climates. L I Kirkina, P A Simigin Tekst prom 21 no 7 58-62 Jl '61

CELLULOSE ETHERS

Ethers and the reactivity of cellulose and chitin S N. Danilov, E A. Plisko, E A. Pnaivinen Izv AN SSSR Otd khim nauk no 8 1500-1506 Ag '61

CEMENT

Gorieva, M. Kh. [New special-purpose cement] Novyi tsement spetsial'nogo naznachenila. Ordzhonikidze, Severo-Osetinskoe knizhnoe izd-vo, 1961. 74 p.

Mechanism of the compaction and hardening of cement subjected to ultrasonic vibration I N. Akhverdov, M. A. Shalimo. Sbor nauch. rab. Inst bud i arkhit AN BSSR no. 4:3-15 '60.

Objective of Ivan Smirnov's life. A. Mandrugin Izobr i rats no 9 24-26, 35 S '61

CEMENT—STORAGE

Semiautomatic control of cement loading operations E. A. Valiukov, V. M. Sviridov TSement 27 no 4:26 Jl-Ag '61

CEMENT CLINKERS

Clinkering tendency of various compositions of raw materials M. M. Sychev TSement 27 no 4:22-25 Jl-Ag '61

Effect of mineralizers on the process of clinker formation under quick firing I. G Luginina. TSement 27 no. 4:20-22 Jl-Ag '61

CEMENT GUN

Use of cement guns in the U S S R Stroi i dor mash 6 no. 8 36 Ag '61.

CEMENT INDUSTRIES

(see also subdivision under Rovno Province)

High level of planning is the guarantee of technological progress. TSement 27 no 4:1-2 Jl-Ag '61

In celebration of the 22d Congress of the CPSU. TSement 27 no 4:19 Jl-Ag '61

CEMENT INDUSTRIES—BIBLIOGRAPHY see Bibliography—Cement industries

CEMENT INDUSTRIES—SAFETY MEASURES

Safety practices in the cement industry. Stroitel' no 7 31 Jl '61.

CEMENT KILNS see subdivision under Chimkent

CEMENT KILNS—MAINTENANCE AND REPAIR

Repairing the grate of a sinter-grate kiln in large units. N. T. Verchenko, IU. I. Nepomniashchil. TSement 27 no 4,26-28 Jl-Ag '61.

CEMENT PLANTS

(see also subdivision under Lithuania, Magnitogorsk)

New standard plan of a cement plant. V. I. Salarin. TSement 27 no. 4:7-10 and insert Jl-Ag '61

Some defects in design. I. M. Sidochenko, N. S. Zavgorodnii, L. V. Reigauzen. TSement 27 no. 4:13-14 Jl-Ag '61.

[illegible] State Institute for the Designments and for Scientific [illegible]ninnikov, [illegible]seri

[illegible] A. A. Voskobokov. TSement 27 no. 4:25 Jl-Ag '61.

CEMENT PLANTS—EQUIPMENT AND SUPPLIES

Additions to rate lists for the assembly of equipment. Biul. stroi tekh. 18 no. 7:22-26 Jl '61.

Equipment for the cement industry. G. S. IAkovchik. TSement 27 no. 4:11-13 Jl-Ag '61.

Performance of a long-type lining. N. V. Gonebnik. TSement 27 no. 4:27 Jl-Ag '61.

Replacing the baffle plates in a slurry thickener with chains. P. A. Kuz'menko. TSement 27 no. 4:26-27 Jl-Ag '61.

Sorting liner and a device for classifying very fine bodies. V. V. Tkachev. TSement 27 no. 4:18-19 Jl-Ag '61

Technical consultation. E. A. Solovushkov. TSement 27 no. 4:30 Jl-Ag '61.

Volga-50 clinker quencher. V. D Lysenko. Stroi. i dor mash 6 no. 8 21-23 Ag '61.

CEMENTATION (METALLURGY)

Cadmium cementation from concentrated sulfate solutions. L. M. Kabanova, O. A. Khan. Trudy Alt. GMNII AN Kazakh. SSR 11-34-47 '61.

High temperature ionic cementation. V. S. Vanin. Metalloved. i term obr met no 8,22-25 Ag '61

Lead cementation from a lead chloride melt O A. Khan and others Trudy Alt GMNII AN Kazakh SSR 11 56-59 '61

CEMENTS, ADHESIVE

Mechanized manufacture of cold roofing cement Stroitel' no 7 15 Jl '61.

Unit for manufacturing and conveying gypsum-sawdust cement I Gamman, Z. Suponitskii Stroitel' no 7:15 Jl '61

CENTIPEDES

Structure of the alimentary canal in Scutigera coleoptrata L. Z S. Kaufman. Dokl. AN SSSR 139 no. 6 1483-1486 Ag '61.

CENTRAL ASIA see Asia, Central

CENTRAL ASIA, SOVIET see Soviet Central Asia

CENTRAL BLACK EARTH REGION—RIVERS

Seasonal variations in the chemical composition of river waters in the Central Black Earth Region N N Lapshina Sbor rab Kursk gidromet obser no 1 74-83 '60.

CENTRAL BLACK EARTH REGION—WINDS

Wind regime characteristics in the Central Black Earth Region N. M. TSvetkova Sbor. rab. Kursk gidromet. obser no 1 18-38 '60

CENTRAL INDUSTRIAL REGION

The Central Region. A. A Mints. Geog. v shkole 24 no 1 9-18 Jl-Ag '61.

CENTRIFUGES

Centrifugal separator for liquids with automatic control. V. A. Kuzin, N. P. Petrov. Khim. mash. no. 4:5-8 Jl-Ag '61.

Change in the duration of centrifuging as related to the change of mechanical parameters of a centrifuge. K. A. Bortnovskii Izv. vys. ucheb. zav. pishch. tekh. no. 3: 116-121 '60.

Seam welding of centrifuge screens made of thin brass sheets. V N. Radzievskii, A. N. Briskman. Khim. mash. no. 4 35-36 Jl-Ag '61.

CENTRIPETAL FORCE

Design of radial centripetal turbines G. Sh. Rozenberg Trudy TSNIIMF 7 no 34-16-23 '61.

CEPHALOPODA, FOSSIL

(see also subdivision under Ural Mountains)

Systematics and phylogeny of endoceratites. Z. G. Balashov. Paleont. zhur. no 1;23-37 '61.

CERAMIC INDUSTRIES

From the pages of foreign magazines. Stek. i ker. 18 no. 8;43-46 Ag '61.

In celebration of the 22d Congress of the CPSU. Stek. i ker. 18 no. 8,42 Ag '61.

CERAMIC INDUSTRIES—PRODUCTION STANDARDS

Methodology for developing time norms for die casting in the manufacture of ceramic radio components. V. Vantroba Biul. nauch inform., trud i zar. plata 4 no 7-24-30 '61

CERAMIC METALS

Dry ceramic metal protective seals for natural gas. I. I. Strizhevskii, D. I. Tesmenitskii. Svar. proizv. no. 9:36-38 S '61.

CERAMICS

Composition of ceramic batches based on formative capacity. V. S. Fadeeva. Stek. i ker 18 no. 8;22-26 Ag '61.

Soundproof porous ceramic. V. T. Veankov, N. I. Lobanov, K. A. Smirnova. Stek. i ker. 18 no. 8,26-30 Ag '61.

CERAMICS—MOISTURE

Rapid determination of the moisture in ceramic batches with the EM-1 hygrometer. O. A. Dubova, L. M. Boloshinova. Stek. i ker. 18 no. 8;40 Ag '61.

CEREAL PRODUCTS

[Groats and groat concentrates] Krupa i kruplanye kontsentraty. Izd. ofitsial'noe. Moskva, Gos. izd-vo standartov, 1960. 96 p. (SSSR, Gosudarstvennye standarty)

Improving the quality of concentrates of leguminous groats. V. N Gullaev. Kons. i ov. prom. 16 no 7;25-26 Jl '61.

Pneumatic transportation of cereal products in horizontal tubes A. M. Dziadzio, A. S Kemmer. Izv. vys. ucheb. zav., pishch. tekh. no. 3;79-85 '60.

CEREALS AS FOOD

Colloidochemical changes in cereals and the keeping qualities of cereal concentrates. A. M Prokof'eva. Trudy VNIIKOP no. 10,49-60 '59.

Improved processing of peas and cereals in manufacturing food concentrates. A. N. Romanov, and others. Trudy VNIIKOP no. 10;16-29 '59.

Improved production of dried precooked cereals I M Kalashnikova and others. Trudy VNIIKoP. no. 10;30-41 '59

Keeping qualities of cereals enriched with vegetable and fruit powder and of puree-like vegetable soups for children A M Prokof'eva, O V Verkhoshanskaia Trudy VNIIKOP no 10 159-162 '59

Vegetable and vegetable-cereal concentrates A M Prokof'eva. Trudy VNIIKOP no 10,120-132 '59

CEREBELLUM

Role of the cerebellum in the sexual function of dogs (bitches). L. P. Markarian. Izv. AN Arm. SSR, Biol. nauki 14 no. 6-73-79 '61.

CEREBRAL CORTEX

Change in the sensitivity of dogs to insulin following removal of the cerebral cortex. V S. Kulikova. Probl endok. i gorm. 7 no. 4,42-46 '61.

Changes in cardiovascular and respiratory activities following decortication [with summary in English] K. P. Valitskii, N. V Il'chevich, O E Pridatko Biul. eksp. biol i med 51 no. 5 18-22 My '61.

Disorders in the higher nervous activity of the progeny of dogs previously exposed to prolonged chronic internal irradiation by beta rays of Sr^{90}. V. A. Nazarov. Radiobiologiia 1 no. 3:412-417 '61.

Effect of uranium tetrafluoride on the higher nervous activity of dogs. E. N. Klimova. Radiobiologiia 1 no. 3;399-406 '61.

CEREBRAL CORTEX—BLOOD VESSELS

Microvascular system of the cerebral cortex in dogs Z. N. Maisuradze and others Soob AN Gruz SSR 26 no 4 469-476 Ap '61.

CEREBROSIDES

Determination of cerebrosides in various segments of the brain in generalized tetanus in rabbits [with summary in English] M. Sh Promyslov, G G Amarantova. Biul. eksp. biol i med 51 no 4 66-70 Ap '61

CERIUM—DECAY

Number of gamma-ray quanta counted per decay event of Ce^{144} and Eu^{155}. A. N. Silant'ev, B. S. Kuznetsov. Izv. AN SSSR. Ser. fiz. 25 no. 8;1186-1187 S '61.

CERIUM OXIDES—THERMAL PROPERTIES

Thermodynamic properties of cerium oxides. F. A. Kuznetsov and others. Dokl. AN SSSR 139 no. 6 1405-1408 Ag '61.

CERNEY, ELENA

Another meeting. N Morozova. Teatr 22 no. 8-166 S '61.

CESIUM

Surface ionization of cesium in the diffusion of its vapors through porous molybdenum. S IA Lebedev, IU. IA. Stavisskii, IU. V. Shut'ko Zhur. tekh fiz 31 no 8, 1148-1149 S '61.

Use of a spectroscope in determining the deionization rate of cesium vapors in a magnetic field. IU. M. Aleskovskii, V. L. Granovskii. Radiotekh. i elektron. 6 no. 9;1590-1592 S '61.

CESIUM—ISOTOPES

Remarks on excited energy states of Ho^{166} and Ca^{134} odd-odd nuclei. L. F. Kalinkin, A. S. Melioranskii, I V. Estulin. Izv. AN SSSR. Ser. fiz. 25 no. 9;1124-1126 S '61.

CESIUM SULFATE

Solubility (20°) in the system $In_2(SO_4)_3$-$Cs\,SO_4$ - H_2O E. N. Deichman. Zhur. neorg khim 6 no 8;1831-1835 Ag '61.

CESTODA see subdivision under Tigrovaya Balka Preserve

CEYLON—POLITICS AND GOVERNMENT

The "ceylonization" of Ceylon. V. Kassis. Sov. deputi. trud. no. 9,109-112 S '61.

CHAINS (MATHEMATICS)

Selecting the chains in an algorism set. V. V. Marlynluk Zhur. vych. mat. i mat. fiz. 1 no. 1-151-162 Ja-F '61.

CHAIRS

Experimental manufacture of pressed chair frames. K. K. Arsen'ev, N. A. Morozov. Der. prom. 10 no 8 19-21 Ag '61.

New technology of manufacturing bent and glued legs for chairs. V. V. Reshetn'iak Der prom. 10 no. 8,24 Ag '61.

CHALCOGENIDES

Vitreous semiconductors. Part 9. Glass formation in complex chalcogenides based on arsenic sulfide and arsenic selenide N. A. Goriunova, B. T. Kolomiets, V. P. Shilo. Fiz. tver. tela 2 no. 2;280-283 F '60.

CHALK

Disintegrator mill for the wet grinding of chalk as component of the pelletizing charge. A. S Sladkov. Obog. rud 5 no. 2,38-41 '60.

CHALUBINSKI, TYTUS, 1820-1899

Tytus Chalubinski, an outstanding Polish clinician and thinker of the 19th century. IU. L Rafes. Klin. med. no. 7:144-147 '61.

CHANGE OF LIFE IN MEN see Climacteric

CHARACTER

Vashchenko, Hryhorii. [Development of will and character] Vykhovannia voli i kharakteru. Munich, SUM-u im. L. Ukrainki, 1957. 270 p. (MERM)

CHARCOAL--DRAWING

Charcoal drawing. E. Lukinova. Sov. shakht. 10 no. 9:46 S '61.

CHARDARA RESERVOIR

Chardara Reservoir on the Syr Darya River. I. IA. Kaminskii. Mat. po proizv. sil. Uzb. no 15:371-375 '60.

CHARTISM

Akademiia nauk SSSR. Institut istorii. Chartizm; sbornik statei. Moskva, 1961. 462 p.

CHAST-TEPE--STONE IMPLEMENTS

Stone implements from Chast-Tepe near Tashkent. O. L Islamov, L. M. Rutkovskaia Sov. arkheol 5 no. 3:272-278 '61.

CHATKAL RANGE--GEOLOGY

History of the geologic development of the northeastern Chatkal Range in the middle Paleozoic. A S Makarov Trudy Uz. geol. upr. no.1:79-86 '60.

CHEBULA DISTRICT--STUDENT ACTIVITIES

Dreams and deeds of Chebula children. B. Ol'khovskii. Sem'ia i shkola 10 no. 8:20-21 Ag '61.

CHECHEN LANGUAGE--DICTIONARIES--RUSSIAN

[Chechen-Russian dictionary. Approximately 20,000 words. With a concise supplementary grammar of the Chechen language] Chechensko-russkii slovar'. Sos. A. G. Matsiev. Okolo 20 000 slov. S prilozheniem kratkogo grammaticheskogo ocherka chechenskogo iazyka. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1961. 620 p.

CHECHEN-INGUSH A. S. S. R.--OIL SANDS--PERMEABILITY

Jointing of Cretaceous sediments of the Chechen-Ingush A S S R. in connection with the study of their reservoir properties M Kh. Bulach. Trudy VNIGRI no. 165 89-128 '61

CHECHEN-INGUSH A. S. S. R.--OIL WELL DRILLING FLUIDS

Circulation loss control in the Karabylakskaya-Achaluki area. N Z. Kachilashvili and others Neft. khoz 39 no. 6:19-23 Je '61.

CHEESE

Microstructure of hard rennet cheeses. G. G. Tinlokov, D. A. Grankov, G. A. Mikheeva Izv. vys. ucheb zav., pishch. tekh. no. 4 68-74 '01

CHEKANOV, NIKOLAI KONSTANTINOVICH, 1922-1961

N. K. Chekanov; obituary. Nar. Azii i Afr. no. 2:241 '61.

CHEKHOV, ANTON PAVLOVICH, 1860-1904

[Chekhov and the theater; letters, feuilletons, contemporaries on Chekhov the playwright] Chekhov i teatr; pis'ma, fel'etony, sovremenniki o Chekhove-dramaturge. Moskva, Gos. izd-vo "Iskusstvo," 1961. 502 p.

CHELEKEN PENINSULA--VOLCANIC ASH, TUFF, ETC.

Volcanic ash from lower Apsheron deposits of the Cheleken Peninsula. A. L. IUrevich. Izv. AN Turk. SSR. Ser. fiz. -tekh., khim. i geol. nauk no. 1:99-100 '61.

CHELYABINSK--ELECTRIC POWER PLANTS

The state regional electric power plant of Chelyabinsk has become an enterprise of communist labor. A. I. Shirokov. Energetik 9 no. 8:31-33 Ag '61.

CHELYABINSK--FINISHES AND FINISHING

We greet the Congress like good Communists. F. Valiavin. Stroitel' no. 7:9 Jl '61.

CHELYABINSK--PRECAST CONCRETE CONSTRUCTION

Precast storage silos for aggregates. A. Chernii. Na stroi. Ros. no. 7:10 Jl '61.

CHELYABINSK--SCHOOL SUPERVISION

Control over the industrial training of new workers. N. Zubov. Prof.-tekh. obr. 18 no. 5:29-30 My '61.

CHELYABINSK PROVINCE--COMMUNITY CENTERS

With enthusiasts' hands. L. Troitskii. Sov. profsoiuzy 17 no. 18:28 S '61.

CHEMICAL APPARATUS

Modernization of equipment and apparatus for the production of lubricating greases. E. M. Khenkin. Proizv. smaz. mat. no. 8/8:138-143 '61.

Welded aluminum gaskets for high-pressure apparatus. M. K. Lushpei, A. D. Shchelkunov. Khim. mash. no. 4: 37 Jl-Ag '61.

CHEMICAL BONDS

Band intensity in Raman spectra and nature of the chemical bonds. IA. S. Bobovich. Opt i spektr 11 no. 2: 161-168 Ag '61.

Effect of chemical bonds on the position and intensity of X-ray spectral lines of compounds. A T Shuvaev. Izv AN SSSR Ser. fiz. 25 no. 8 986-991 Ag '61

Investigating the bonds in nickel-molybdenum solid solutions by means of the fine structure of X-ray absorption spectra. V A. Trapeznikov. Izv AN SSSR. Ser fiz. 25 no 8 994-996 Ag '61.

Nature of the bonding forces in associated molecules of rhodamine 3B and rhodamine 6G in aqueous solutions and the effect of concentration and temperature on migration extinction E. G Baranov, V L Levshin. Opt i spektr 10 no 3:362-367 Mr '61

Study of the adhesion bonds of solids. N. A Krotova, L. P. Morozova, G A. Sokolina. Fiz. tver. tela 3 no 7: 1090-2099 Jl '61

Vector bond in X-ray spectra. A. M. Gutman. Opt. i spektr. 11 no. 2:277-278 Ag '61.

X-ray diffraction study of the nature of the atomic bonds in crystals of the diamond type K. P. Mamedov. Izv AN Azerb. SSR. Ser. fiz. -mat i tekh. nauk no 6 105-115 '60.

CHEMICAL ELEMENTS

If there were no uranium and thorium. D. Trifonov. Nauka i zhizn' 28 no. 7:95-99 Jl '61.

New elements in the periodic system of Mendeleev. IE. S. Burkser. Nauka i zhyttia 10 no. 3:25-26 Mr '60.

CHEMICAL ENGINEERING

Patient, D. A. [Techniques for the automation of sampling and chemical analysis] Avtomatizatsiia otbora i khimicheskogo analiza prob. Moskva, 1960. 15 p. (International Federation of Automatic Control, 1st International Congress, Moscow, 1960 [Doklady, no.115)] [MICROFILM]

CHEMICAL ENGINEERING--BIBLIOGRAPHY see Bibliography--Chemical engineering

CHEMICAL ENGINEERING--EQUIPMENT AND SUPPLIES

Coordination, a powerful measure for the development of new machinery. Khim. mash. no. 4 1-4 Jl-Ag '61.

Device for determining carbon dioxide. N. V. Trubitsyn. Izv. vys. ucheb. zav.; pishch. tekh. no. 3:158-160 '60.

Device for determining the concentration of organic liquid solutions. G. V. Pol'skii. Izv vys ucheb. zav., pishch tekh no. 4 149-151 '61.

Increasing the efficiency of apparatuses for mass transfer. V. V. Dil'man, V R. Ruchinskii Izv. AN SSSR Otd. tekh. nauk. Met. i topl. no. 4:160-165 Jl-Ag '61.

New machines, apparatus, and devices. Khim. mash. no. 4:45-46 Jl-Ag '61.

Repairing the bodies of high-pressure machinery by welding. Khim. mash. no. 4:40 Jl-Ag '61.

Specialized machine for knurling ridges. I. I. Vainer, V. V. Belov. Khim. mash. no. 4:38-39 Jl-Ag '61.

CHEMICAL EQUILIBRIUM

"Chemical equilibrium and rate of reactions under high pressures" by M. G. Gonikberg. Reviewed by A. E. Shilov. Vest. AN SSSR 31 no. 6:136-140 Ag '61.

CHEMICAL INDUSTRIES

(see also subdivision under Aktyubinsk; Armenia; Azerbaijan; Kirovakan; Stalinogorsk; Zaporozh'ye)

Cooperation between socialist countries in the field of the development of chemical industries. V M. Semenov. Khim. prom. no. 8:571-572 Ag '61.

CHEMICAL INDUSTRIES--FIRES AND FIRE PREVENTION

Manufacture of caprolactam. M. Sertsov. Pozh. delo 7 no. 8,6 Ag '61.

CHEMICAL KINETICS see Chemical reaction, Rate of

CHEMICAL LABORATORIES

How we organized laboratory work on quantitative analysis. P. Bosek. Sred. spets obr. 8 no. 8:17-20 Ag '61.

CHEMICAL MODELS

Simplified calculation method in analyzing low intermolecular oscillations of mono-substituted derivatives of benzene. Part. 1. A V Sechkarev. Izv. vys. ucheb. zav., fiz. no. 3:88-94 '61

CHEMICAL REACTION--CONDITION AND LAWS

Laws of recycling processes in chemical technology. M. F. Nagiev, P. V. Karamzin, T. N. Shaklinskii. Azerb. khim. zhur. no. 2:11-21 '60.

CHEMICAL REACTION, RATE OF

Exothermal and endothermal reactions in the decomposition of peat [with summary in English]. V. A. Filimonov, V. E Rakovskii. Inzh.-fiz. zhur. 4 no. 3:18-25 Mr '61.

Kinetics of the chain reaction of multicomponent systems. Part 3: Two-component systems, integration of the rate and composition equations [with summary in English]. V. F. TSepalov. Zhur. fiz. khim 35 no. 8:1691-1693 Ag '61.

Panchenkov, G. M., and V. P. Lebedev. [Chemical kinetics and catalysis] Khimicheskaia kinetika i kataliz. [Moskva] Izd-vo Mosk. univ., 1961. 550 p.

Prospects for the application of high pressure in the chemical industry M G. Gonikberg Khim prom. no 8 545-548 Ag '61.

Rates of conjugated reactions in the electrodeposition of chromium Z. A. Solov'eva, IU S Petrova Zhur prikl. khim. 34 no 8 1752-1759 Ag '61.

Use of a single-pulse shock tube for studying the total kinetics of the thermal decomposition of methane [with summary in English] G. I Kozlov, V. G Knorre Inzh fiz zhur 4 no 7 11-16 Jl '61

CHEMICAL REACTIONS

Budnikov, P. P., and A. M. Ginstling. [Reactions in mixtures of solids] Reaktsii v smesiakh tverdykh veshchestv. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 422 p.

Demonstrating the acceleration of chemical reactions by means of expanding the surface of reacting substances. A D Chendrov Khim v shkole 16 no 4:79-80 Jl-Ag '61.

Experiment demonstrating the reversibility of chemical reactions. A I Bratolubov, O L. Pavroz. Khim v shkole 16 no 4,78-79 Jl-Ag '61

CHEMICAL REDUCTION see Reduction, Chemical

CHEMICAL TECHNOLOGY see Chemistry, Technical

CHEMICAL TESTS AND REAGENTS

Pneumatic proportioning of reagents. L. N. Airapetian. Energetik 9 no. 4 16-17 Ap '61

CHEMICAL WARFARE

Radiation and chemical reconnaissance. S. Dolodonov. Voen. vest. 41 no. 5:50-53 My '61.

CHEMISTRY

(see also subdivision under Arab Countries; Azerbaijan)

Astakhov, O., and O. Rus'ko. [General chemistry] Zahal'na khimiia. Zatverdzheno iak pidruchnyk dlia pryrodnychykh fakul'tetiv pedagogichnykh instytutiv. Kyiv, Radians'ka shkola, 1958. 531 p. (MID)

CHEMISTRY--ABSTRACTS

[Chemistry] Ref. zhur.: Khim. no. 16 Ag '61; Avtorskii ukazatel' '57, vol. 1, Ukazateli za '55-56, vol. 13, predmetnyi ukazatel' Ts-Ia; Ukazateli '59, vol. 5, patentnyi ukazatel'.

[Chemistry.] Ref. zhur.: Khim. no. 17 S '61.

CHEMISTRY--AUDIO-VISUAL AIDS

"Handbook on the use of a screen in chemistry classes," by V. V. Fel'dt. Reviewed by N. P. Tverdovskii. Khim. v shkole 16 no. 4:91-93 Jl-Ag '61.

CHEMISTRY--BIBLIOGRAPHY see Bibliography--Chemistry

CHEMISTRY--DICTIONARIES

Russian-Kazakh dictionary of chemical terms. S. Omarov, B. Birimzhanov Izv AN Kazakh SSR. Ser. filol i isk. no. 2 78-105 '61.

CHEMISTRY--LABORATORY MANUALS

Khomchenko, G. P. [Laboratory manual in general chemistry and qualitative analysis with the use of the semimicromethod] Praktikum po obshchei khimii i kachestvennomu analizu s primeneniem polumikrometoda. Izd. 2., perer. i dop. [Moskva] Izd-vo Mosk. univ., 1961. 391 p.

CHEMISTRY--NOTATION

Use of electronic computers for the conversion of the names of complex compounds into formulas A. L Seifer, V. S. Shtein, S S Shchurova Zhur. neorg. khim 6 no. 8 1759-1761 Ag '61.

CHEMISTRY--STUDY AND TEACHING

Activating the lessons on the subject of "Halogens" in the schools for working youth. L. G Korotaeva. Khim. v shkole 16 no 4:55-63 Jl-Ag '61.

Lessons on the study of the nitrogen and carbon cycles in nature. R. N. Knlazeva, L. A. Korobeinikova. Khim v shkole 6 no. 4:70-77 Jl-Ag '61

Let's improve the training of chemistry teachers. S. A. Balezin, V. A. Khitrov. Khim v shkole 16 no. 4:94-95 Jl-Ag '61.

Ways and methods of using local industrial material in teaching chemistry. G. N. Gatsko. Khim. v shkole 16 no. 4:64-77 Jl-Ag '61.

CHEMISTRY, ANALYTICAL

Kolthoff, I. M., and others. [Volumetric analysis] Ob"emnyi analiz. Pod red. i s dopolneniiami IU. IU. Lur'e. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry.

Vol. 3. [Practical part: oxidation-reduction methods] Prakticheskaia chast': Metody okisleniia - vosstanovleniia. [Publ. in English under the title" "Titration methods: oxidation-reduction reaction]. 1961. 840 p.

CHEMISTRY, ANALYTICAL—QUANTITATIVE

Note on the possibility of carrying out quantitative analysis on the basis of X-ray spectra without using standard sources N P Il'in Izv AN SSSR, Ser fiz 25 no 6 929-932 Ag '61.

CHEMISTRY, METALLURGIC

Physicochemical study of the interaction of sodium ditungstate with sodium chromate and silicate and lead tungstate in melts. P I. Fedorov, M V Mokhosoev. Izv. vys. ucheb zav., tsvet. met 4 no. 4 105-110 '61.

CHEMISTRY, ORGANIC

A great Russian chemist, one hundred years of A.M. Butlerov's theory of the chemical structure. A.I' Arbuzov. Priroda 50 no.9 11-23 S '61.

Mechanism of the inhibition of radiolysis A M Brodskii, IU A. Kolbanovskii Dokl AN SSSR 139 no 5 1081-1084 Ag '61

CHEMISTRY, ORGANIC—SYNTHESIS

Effect of water on coal at high temperatures and pressures N M Karavaev, IAn Khuan Izv AN SSSR, Otd tekh nauk Met i topl no 4 150-159 Jl-Ag '61

IUr'ev, IU. K. [Practical work in inorganic chemistry] Prakticheskie raboty po organicheskoi khimii. [Moskva] Izd-vo Mosk. univ.
Pt. 3. 1961. 251 p.

Protein synthesis. E.D. Kaverzneva. Priroda 50 no.9 41-47 S '61.

CHEMISTRY, PHYSICAL AND THEORETICAL

Approximate estimation of nonmonotonous property changes in the series of similar substances [with summary in English]. M. Kh. Karapetiants. Zhur fiz khim 35 no. 8:1727-1730 Ag '61

Concise handbook of physicochemical data. I. G. Bulatov. Zhur. fiz. khim. 35 no 8:1892-1893 Ag '61

CHEMISTRY, PHYSICAL AND THEORETICAL—CONGRESSES

Siberian readings on chemistry. K E. Mironov. Vest. AN SSSR 31 no. 8 112-113 Ag '61.

CHEMISTRY, TECHNICAL
(see also subdivision under East)

Development of the theory of recirculatory processes in chemical technology M. F Nagiev, P V. Kuramzin, T. G. Stefanskaia, Dokl AN Azerb SSR 17 no 6:471-478 '61.

Pavlov, K. F., P. G. Romankov, and A. A. Noskov. [Examples and problems for a course on the processes and equipment of chemical technology] Primery i zadachi po kursu protsessov i apparatov khimicheskoi tekhnologii. Izd. 5., ispr. Pod obshchei red. P. G. Romankova. Leningrad, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1961. 573 p.

CHEMISTRY, TECHNICAL—CONGRESSES

Conference of the leading scientists of the State Committee for Chemistry Khim prom no. 8 588 Ag '61

CHEMISTRY, TECHNICAL—STUDY AND TEACHING
(see also subdivision under Moscow)

Introducing the general scientific bases of the food industry to secondary school students A. G. Kochorva Shkola i proizv. 5 no 6:18-25 Je '61

CHEMOTHERAPY

Physiology of viruses and chemotherapy of virus diseases. V. L. Ryzhkov. Vest. AN SSSR 31 no. 8:59-63 Ag '61.

CHEREMKHOVO BASIN—MINE ACCIDENTS

Trauma and its control in the pre-revolutinary Cherembass. A. P. Trifonov Ortop., travm i protez. no 7 49-52 '61.

—ECONOMIC GEOGRAPHY

of the Cheremosh River Valley.
'og zbir. no 4:191-193 '61

ON

vilov-Cherenkov radiation by
A. B. Kukanov. Opt. i spektr. 10
61.

N ART

the Cherepin village, central Ros'
chevskii. Arkheologiia 12:183-184

UCTION INDUSTRY—LABOR

ions in raising labor productivity,
stroi no. 8:40-41 Ag '61.

—CORN (MAIZE)

f corn every year. H. D. Khandus'.
no. 7:35-36 Jl '61

E—AGRICULTURE—STUDY AND

ts' initiative] M. I. Venets'. Rad.
3 Je '61.

CHERKASSY PROVINCE—COLLECTIVE FARMS—FINANCE

Increasing and improving capital assets on collective farms A K. Babaeva Nauch. zap Kiev fin -ekon inst. no 9:174-182 '59

CHERNIGOV—CONSTRUCTION WORKERS

At a Communist Youth League construction site. Znan. ta pratsia no 9 21 S '61.

CHERNIGOV—TEXTILE FIBERS, SYNTHETIC

Silk city. V Kotov. Ogonek 39 no. 39:17 S '61

CHERNIGOV PROVINCE—CHILDREN'S MUSEUMS

Museum of local lore in a school D. T. Sei'odkina Rad shk. 40 no 7 60-62 Jl '61

CHERNIGOV PROVINCE—PASTURES AND MEADOWS

Saline lowland meadows of Chernigov Province [with summary in English] S. O. Muliarchuk. Ukr. bot zhur. 18 no. 4 81-90 '61.

CHERNOGORA RANGE—THRUSHES

Biology of the ring thrush (Turdus torquatus L.) in the Ukraine [with summary in English]. I. V. Marisova, D. V. Vladyshevskii. Zool. zhur. 40 no. 8 1210-1215 Ag '61.

CHERNOVTSY PROVINCE see Bukovina

CHERNOZEM SOILS
(see also subdivision under Siberia, Western)

Possibilities for establishing birch stands on Chernozems of the forest-steppe by sowing. V. V. Bernikov, A. F. Portianko. Trudy OmSKhI 43 131-135 '61

CHERNYYE ZEMLI—SERPENTS

Lizard snakes (Malpolon monspessulanus Herm.) exterminate vipers. K. V. Martino Priroda 50 no.9 109-110 S '61.

CHERRY

Effect of the seed coat, humidity, and degree of the ripeness of fruit on the germination of cherry and plum seeds. G. V. Zubareva. Trudy OmSKhI 43, 115-121 '61.

On the slopes and in the ravines. E. Kolesnikov. IUn. nat. no 9 36 S '61.

CHESS

Behind the chessboard. M. IUdovich. Obshchestv. pit. no. 7:57 Jl '61.

Chess. A Lilienta!' Sov shakht. 10 no 7:47 Jl '61

Chess. A Lilientai'. Sov. shakht. 10 no. 8:47 Ag '61

Chess. IU. Averbakh. Znan. sila 36 no. 8:53 Ag '61.

Meditations over a move. P. A. Romanovskii. Nauka i zhizn' 28 no. 7:108-109 Jl '61.

One more great master. A. Lilientai'. Sov. shakht. 10 no. 9 47 S '61.

CHESS—END GAMES

Who is better in analyzing end games? Smena 38 no. 10:31 My '61.

CHESS—TOURNAMENTS

Chess. S. Flor. Ogonek 39 no. 32:25 Ag '61.

Tournament of chess amateurs. Znan. ta pratsia no. 10 30-31 O '61.

CHESS PROBLEMS

Chess and arithmetic puzzle. B. Kordemskii. Nauka i zhizn' 28 no 8:109 Ag '61

CHESSMEN

Sadko played this chess. B. Kolchin, I. Linder. Nauka i zhizn' 28 no. 3:110-111 Ag '61.

CHEST—BLOOD SUPPLY

Locking arteries of the lungs, pleura and pleural adhesions [with summary in English] V. S. Zhdanov Arkh. pat. 21 no. 9:36-42 '59.

CHEST—WOUNDS AND INJURIES

Foreign body (chicken feather) in the bronchus with perforation of the thorax. L. M. Keres, L. K Tilgimiae Pediatriia no. 9.77-78 '61.

CHIATURA—MANGANESE ORES

Attrition of Chiatura deposit manganese slimes in the process of hydraulic conveying A. I. Akatov. Obog. rud 6 no. 1:48-52 '61.

Flotation of Chiatura deposit manganese slimes. Z. S. Bogdanova, S. I. Gorlovskii, L. A. Nechai Obog rud 5 no. 6:3-7 '60.

CHIATURA—ORE DRESSING

Retreatment of low-grade concentrates of the Chiatura plants. I A. Khukhunaishvili Obog. rud. 5 no. 3:7-10 '60.

CHILD STUDY

Correlation between knowledge and thinking in the process of solving practical problems by preschool children. E. I. Mastvilisker. Dokl. APN no. 1:77-79 '61.

Interrelation of perception and the naming of colors by preschool children; experimental research. Z. M. Istomina. Izv. APN no. 113:76-102 '60.

Perception and the naming of colors in early childhood Z M. Istomina Izv. APN no 113:103-113 '60

Some psychological questions of preschool education. B. Baev Doshk. vykh. 22 no. 9 32-35 S '61.

CHILDREN

Children and nature Sem'ia i shkola 16 no. 7:16 Jl '61

Editor's mail Sem'ia i shkola 16 no. 6:41-42 Je '61

Let there be eternal sunshine. Sem'ia i shkola 16 no. 6 5 Je '61

Some features of cutaneous respiration in children of different ages. N. M Petrun' Fiziol zhur 47 no 8 939-941 Ag '61

CHILDREN—ACCIDENTS

Dan'e, N. G. [Principles of traumatology in childhood] Osnovy travmatologii detskogo vozrasta. Izd. 2., ispr. i dop. Moskva, Medgiz, 1960. 291 p.
(DNLM)

CHILDREN—BIBLIOGRAPHY see Bibliography—Children

CHILDREN—CARE AND HYGIENE

Cold in the head and its prevention V. M Vozliauskaia Doshk vosp 34 no 9 102-105 S '61

When the sun is a child's friend and when it is his enemy. T. Porkhun Sem'ia i shkola 16 no. 7 15 Jl '61.

CHILDREN—DISEASES

Morozov, A. L., and A. V. Khodzhash, eds. [Physiological peculiarities, clinical aspects of the diseases, and problems in the industrial hygiene of employed adolescents] Fiziologicheskie osobennosti, klinika zabolevanii i voprosy gigieny truda rabochikh-podrostkov. Izd. 2., ispr. i dop. Moskva, Gos. izd-vo med. lit-ry Medgiz.
Vol. 2. [Clinical peculiarities in the course of some diseases of adolescence] Klinicheskie osobennosti techeniia nekotorykh zabolevanii v podrostkovom vozraste. 1961. 191 p.
(DNLM)

Smolensk Province conference of pediatricians I S Stepanova. Vop okh. mat i det. 6 no. 7:94 Jl '61

Some problems in the pathomorphology of the central nervous system in young children with different forms of pneumonia M S Bokeriia, B. R Nanelishvili, O. F Nizharadze Soob. AN Gruz. SSR 26 no. 5 619-624 My '61

CHILDREN—EMPLOYMENT

Scope of students' work and their wages. I. I. Korsun Rad shk. 10 no. 6 27 Je '61.

CHILDREN—GROWTH
(see also subdivision under Tomsk)

Development and morbidity in children with a history of pneumonia during the first 6 months of life I D Dubinskaia Pediatriia no 9 37-42 '61.

Lappo-Drozdova, A. I. [Dynamics of the physical development of adolescents] Dinamika fizicheskogo razvitiia podrostkov, po materialam obsledovaniia uchashchikhsia ZhU Moskovskogo uzla. Moskva, Medgiz, 1960. 117 p.
(DNLM)

CHILDREN—HOSPITALS

Importance of the health resort factor in the combined treatment of chronic pneumonias in children [with summary in English]. K F. Sokolova. Vop okh mat i det. 6 no. 7:22-27 Jl '61.

CHILDREN—LANGUAGE

About animals. V. IAdeshko. Sem'ia i shkola 16 no. 8 40 Ag '61.

Experiment that deserves attention T. A. Polianodova Doshk. vosp 34 no. 9 38-39 S '61

Research on the development of the sound analysis of words in preschool children. L. E. Zhurova Dokl APN no. 1:47-50 '61.

CHILDREN—MANAGEMENT

Bogdanova, O. S., R. O. Gurova, and V. L. Petrova. [Teaching students how to behave] Zaniatiia s uchashchimisia po kul'ture povedeniia; dlia uchitelei nachal'nykh klassov. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 138 p.

Fundamentals of a disposition are laid in preschool age. A. Teplova. Doshk vosp. 34 no 9:64-66 S '61

Koba, M. I. [Children's work training and self-service in the family] Trudove vykhovannia i samoobsluzhovuvannia ditey u sim'i. Kyiv, 1961. 37 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 9, no. 2)

Need for celanliness and tidiness E. I. Kuz'mina Doshk. vosp 34 no. 9:28-31 S '61.

Should children be allowed to play cards? Sem'ia i shkola 16 no 7:13 Jl '61.

Success lies in a uniform approach. G. Tkachova. Sem'ia i shkola 16 no. 8:16-17 Ag '61.

This is what we have done.... and what are you doing? A. Stetsenko. Nar obr. no. 9.73 S '61.

CHILDREN—NUTRITION
Editor's mail. Sem'ia i shkola 16 no. 8-21 Ag '61

CHILDREN AS ACTORS
Our home theater. L. Osipova. Ogonek 39 no. 25-11-15 Je '61.

CHILDREN AS ARTISTS see subdivision under Italy

CHILDREN AS MUSICIANS
Natasha's music. V. Shapovalenko. Ogonek 39 no. 35 32 Ag '61.

CHILDREN'S CLUBS see subdivision under Moscow, Sverdlovsk

CHILDREN'S LITERATURE
(see also subdivision under Japan)
Children's book and children's language. Kh. Akhtamzian. Doshk. vosp. 34 no. 9 66-70 S '61.
Useful books and their editions. I. Shishkin. Sem'ia i shkola 16 no. 7-40-41 Jl '61.

CHILDREN'S LITERATURE—BIBLIOGRAPHY see Bibliography—Children's literature

CHILDREN'S MUSEUMS
(see also subdivision under Chernigov Province)
School museum of local history. T. Selikov. Prep. ist. v shkole 16 no. 5-94-95 S-O '61

CHILDREN'S PERIODICALS
For you, researchers and young naturalists. B. Chashchin. Sem'ia i shkola 16 no. 7 43 Jl '61

CHILDREN'S PLAYS see subdivision under Erivan, Moscow

CHILDREN'S POETRY
The language and style of Soviet poems for children. K. I. Semenova. Sbor. trud. Arkh. gos. ped. inst. no. 3 *153-170 '59*

CHILDREN'S SONGS
Children's songs recorded by A. Markov in central Russia from 1892 to 1896. Vest. Mosk. un. Ser. 7 Filol., zhur. 16 no. 5 71-88 S-O '61

CHILIK RIVER
On the history of the Chilik River. I. E. *Beresiuk*. Trudy Otd. geog. AN Kazakh SSR no. 0, 218-230 '61

CHIMKENT—CEMENT KILNS
Information. Nar. khoz. Kazakh. 19 no. 8:35 Ag '61.

CHIMKENT—MACHINERY INDUSTRY
Work efficiently and profitably. A. Agafonova. Nar. khoz. Kazakh. 19 no. 8, 16-18 Ag '61.

CHINA—AESTHETICS—STUDY AND TEACHING
Problems *of aesthetic training* in ancient Greece and China. V. P. Shestakov. Vest. ist. mir. kul't. no. 4: 133-149 Jl-Ag '61.

CHINA—AGRICULTURAL IMPLEMENTS
History of Chinese agricultural tools in northeastern *China*. V. S. Sturikov. Iz. ist. nauki i tekh. v stran. Vost. no. 1 81-126 '60.

CHINA—ARCHITECTURE
"Architecture of China; survey" by D. A. Ashchepkov. Reviewed by A. V. Bunin, N. V. Shepeleva. Nar. Azii i Afr. no. 2:194-195 '61.

CHINA—BIBLIOGRAPHY
"Bibliography of China" by P. E. Skachkov. Reviewed by K. I. Shafranovskii, T. K. Shafranovskaia. Nar. Azii i Afr. no. 2:179-182 '61.

CHINA—*BOUNDARIES—BURMA*
Settlement *of the* Chinese-Burmese boundary problem. E. D. Stepanov. Nar. Azii i Afr. no. 2:62-70 '61.

CHINA—CIVIL WAR, 1945-1949
Liaoshen (Liaoning-Shenyang) operation of the Chinese People's Liberation Army. I. Shinkarev. Voen.-ist. zhur. 3 no. 8:37-49 Ag '61

CHINA—COMMUNIST PARTY
Triumph of the great ideas of the October Revolution in China. Feng Ting. Vop. filos. no. 8:21-34 '57.

CHINA—COMPASS
From the history of the compass in China. T. K. Shafranovskaia. Iz. ist. nauki i tekh. v stran. Vost. no. 1. 56-83 '60.

CHINA—CULTURE—*PERIODICALS*
Materials on the history of *Chinese culture* in the journal "Wen wu" for 1959. I. S. Vasil'ev, G. V. Melkhov. Nar. Azii i Afr. no. 2:131-136 '61.

CHINA—ECONOMIC CONDITIONS
Six hundred million people are building socialism. V. Molchanov. Sov. profsoiuzy no. 17:32-33 S '61.
Triumph of the great ideas of the October Revolution in China. Feng Ting. Vop. filos. no. 8:21-34 '57.
The 12th anniversary of the Chinese People's Republic. Kommunist 38 no. 14:9-13 S '61.

CHINA—EDUCATION, HIGHER
We give serious consideration to the study of the Soviet Union's experience. Liu K'ai-feng. Vest. vys. shkoly 10 no. 8:21 Ag '61

CHINA—FIREARMS
"Firearms" of medieval China. V. B. Vilinbakhov, T. N. *Kholmovskaia*. Iz. ist. nauki i tekh. v stran. Vost. no. 1 61-74 '60.

CHINA—FLOTATION
Industrial flotation of iron *ores* at the Dagushan' Plant (Chinese People's Republic). I. Kh. Vladavskii, Z. S. Bogdanova. Obog. rud 4 *no. 4 3-6 '59*

CHINA—FRUIT CULTURE
Original method. A. G. Vologdin. *Priroda 50 no. 9-89 S '61.*

CHINA—*GEOLOGY*
Kobayashi, T. [Geology of Korea and adjacent territories in China. Translated from the *English. Preface by* T. M. Demko] Geologiia Korei i sopredel'nykh territorii Kitaia. Moskva, Izd-vo *inostr. lit-ry, 1959, 265 p.*

CHINA—HISTORY
Mutiny of the "Red Troops" and the promotion of Chu Yuan-chang. L. A. Borovkova. *Nar. Azii i Afr. no. 2 89-103 '61*

CHINA—MISSIONARIES, AMERICAN
"Missionaries, Chinese, and diplomats, the *American* Protestant Missionary Movement in China, 1890-1952" *[in English]* by Paul A. Varg. Reviewed by A. A. Monina. Nar. Azii i Afr. no. 2:195-197 '61

CHINA—PALEONTOLOGICAL RESEARCH
Field research of the Soviet-Chinese Paleontological Expedition undertaken by the Academy of Sciences of the U. S. S. R. and the Academy of Sciences of China in 1960. A. K. Rozhdestvenskii. Paleont. zhur. no. 1:170-174 '61.

CHINA—PETROLEUM INDUSTRY
Oil in China. I. R. Kalinov. Azerb. neft. khoz. 40 no. 1 47-48 Ja '61.

CHINA—RELATIONS (GENERAL) WITH RUSSIA
Soviet-Chinese scientific relationships. I. N. Kisglev. Iz. ist. nauki i tekh. v stran. Vost. *no. 1 7-33 '60.*
We give serious consideration to the study of the Soviet Union's experience. Liu K'ai-feng. Vest. vys. shkoly *10 no. 8:21 Ag '61*

CHINA—SILK MANUFACTURE
Recent data on Chinese silks *during the period of the* Han dynasty (from the second century before Christ to the second century of the Christian *Era*). *E. I.* Lubo-Lesnichenko. Iz. ist. nauki i tekh. v stran. Vost. no. 1 75-80 '60

CHINA—TAILINGS (METALLURGY)
Use of hydrometallurgy in the dressing *of* 'Tandan' oxidized sulfide ores. N. V. Zashikhin, P. M. *Perlov*. Obog. rud 5 no. 2, 26-31 '60.

CHINA—TECHNICAL ASSISTANCE, RUSSIAN
Indissoluble ties of eternal friendship, on the 11th anni*versary of the* Soviet-Chinese Treaty of Friendship, Alliance, and Mutual Assistance. S. Lozin. Komm. *Vooruzh. Sil 1 no 2:21-24 Ja '61.*

CHINA CLAY see Kaolin

CHINESE FOLKLORE see Folklore, *Chinese*

CHINESE LANGUAGE—DICTIONARIES—RUSSIAN
"Chinese-Russian dictionary of scientific and technical terms." Reviewed by V. N. Filippov. *Nar. Azii i Afr.* no. 2:216-218 '61.

CHINESE MEDICINE see Medicine, Chinese

CHINESE SONGS *see Songs*, Chinese

CHIRCHIK—CONSTRUCTION INDUSTRY
Efficient helpers. N. Maslov. Part. zhizn' [Uzb.] 3 no. 12:65-69 D '60.

CHIRONOMIDAE
Availability of chironomid larvae to fishes. A. V. Asman. Trudy sov. ikht. kom. no. 13:361-393 '61.

CHISHMY—TANKS
Operation of a tank farm. S. S. Amirov. Neftianik 6 no. 4 17-18 Ap '61

CHITA PROVINCE—MOLYBDENUM ORES
Some structural characteristics of the Shakhtaminskoye molybdenum deposit. V. I. Sotnikov. Trudy IGEM no. 41:73-85 '61.

CHITIN
Ethers and the reactivity of cellulose and chitin. S. N. *Danilov, E. A. Pliska, U. A. Platvinen*. Izv. AN SSSR. Otd. khim. nauk no. 8 1500-1506 Ag '61.

CHKALOV see Orenburg

CHKALOV PROVINCE see Orenburg Province

CHKALOVO DISTRICT—RETAIL TRADE
People on the virgin lands should have beauty. T. Romanova. Knop. Kazakh. 4 no. 11 14-15 Ap '61

CHLORIDES
Diffusion of calcium ions in mixed NaCl + CaCl$_2$ solutions. A. N. Murin, S. N. Romanovich, Iu. S. Gandilo. Izv. tver. tela 4 no. [illegible] Ap '61

CHLORINATION
Chlorination of n-hexane on mixed catalysts and alloys of metal salts. V. A. Nekrasova, N. P. Starodub. Azerb. khim. zhur. no. 2:93-98 '60
New method of synthesizing α,β-chloroketones by the direct chlorination of ketones. S. I. Sedykh-Zade, N. P. Safiev. Azerb. khim. zhur. no. 5: 31-36 '60.
Photochemical chlorination of aromatic hydrocarbons and dehydrochlorination of their dichloroamino substituted derivatives. S. D. Medzlaev and others. Azerb. khim. zhur. no. 2 17-24 '61

CHLORINE
Effect of electrolysis conditions on the stability of graphite anodes in a chlorine bath. Iu. I. Kitaitalik. Zhur. prikl. khim. 34 no. 8:1807-1811 Ag '61
Room disinfection by means of chemical sublimation of formaldehyde and chlorine. F. T. Korovin and others. Voen.-med. zhur. no. 6:48-51 Je '61

CHLORINE—ISOTOPES
$Cl^{35}(n, p)$ reaction and the neutron resonance parameters of chlorine [with summary in English]. Iu. P. Popov, F. L. Shapiro. Zhur. eksp. i teor. fiz. 40 no. 6:1610-1611 Je '61.

CHLORINE INDUSTRY—CONGRESSES
Conference of chlorine industry workers. Khim. prom. no. 6 569 Ag '61.

CHLORINE ORGANIC COMPOUNDS
Determination of small amounts of chlorine organic compounds in the air by gas chromatography. S. F. Vavorovskaia. Khim. prom. no. 8 573-577 Ag '61

CHLORINE OXIDES
Better results in bleaching woodpulp by using chlorine dioxide. F. P. Komarov. Bum. prom. 36 no. 8 11-13 Ag '61.

CHLOROFORM
Reactions between olefin oxides and calcium and sodium hypochlorites. Z. A. Altzade. Azerb. khim. zhur. no. 4-63-68 '60.

CHLOROFORM—SPECTRA
Contours of the oscillatory absorption bands of liquid chloroform and bromoform. Iu. P. Tkhachenko. Opt. i spektr. 11 no. 2:102-105 Ag '61.

CHLOROGENIC ACID
Quantitative changes of chlorogenic and caffeic acids in the fermentation of tobacco. V. K. Ilinoshev. Izv. vyss. ucheb. zav., pishch. tekh. no. 4 44-50 '61

CHLOROPHYLL
Born in a laboratory. Znan. ta pratsia no. 10:10 O '61.
Chlorophyllide formation in the extraction of chlorophyll from green leaves with aqueous acetone. A. A. Shlyk and others. Dokl. AN BSSR 5 no. 8, 364-368 Ag '61
Dynamics of the pigment content and chlorophyllase activity of fruit [with summary in English]. O. M. Sadina, E. I. Romanenko. Ukr. bot. zhur. 18 no. 4:3-12 '61.
How the movement of kidney bean chloroplasts within a cycle of 24 hours is related to photosynthesis *[with* summary in English]. I. I. Gunar, I. I. Bagucheva. Izv. TSKhA no. 2:215-220 '62.
Photoelectrocolorimetric determination of the quantity of chlorophylls *a and b [with* summary in English]. O. M. Sadina, I. A. Sirenko. Dop. AN URSR no. 7:960-963 '61

CHOLESTEROL
Amount of cholesterol, phospholipids, *proteins, and* lipoprotein fractions in the blood serum of women during the climacteric and in climacteric neuroses. IA. D. Rafal'skii. Probl. endok. i gorm. 7 no. 4:82-89 '61.

CHOLESTEROL—PHYSIOLOGICAL EFFECT
Tumors of the gastrointestinal tract in monkeys following prolonged intake of cholesterol [with summary in English]. B. A. Lapin, L. A. Iakovleva. Arkh. pat. 21 no. 10:25-30 '59.

CHOLINE
Acetylcholine metabolism in the hypothalamic region of the brain in dogs after acute radiation sickness. B. I. *Davydov. Radiobiologiia 1 no. 3:391-398 '61.*
Effect of acetylcholine on the function of the transplanted kidney. A. A. Lebedev. Fiziol. zhur. 47 no. 8:1062-1067 Ag '61.
Mechanism of the disturbance of acetylcholine synthesis by enzymatically *produced hydrogen peroxide*. A. A. Mulberg. Dokl. AN SSSR 139 no. 6:1496-1497 Ag '61.
Reactivity of the *circulatory* organs in disorders of the acetylcholine synthesis [with summary in English]. A. A. Uzbekov. Arkh. pat. 21 no. 10:45-49 '59.

CHOLINESTERASE

Changes in the cholinesterase activity of the blood serum due to internal irradiation by low doses of radioactive sodium. L. V. Zhidkova. Radiobiologiia 1 no. 3: 346-349 '61.

Effect of temperature on the rate of decrease of cholinesterase activity in liver homogenates of the frogs Rana temporaria L. and R. ridibunda Pall. A. A. Kusakina. Dokl. AN SSSR 139 no. 5 1258-1261 Ag '61.

Indices of mediators of the blood in brochial asthma in children and their change under the influence of cortisone therapy. N. V. Dogel', L. L. Mikheeva. Pediatriia no. 9 43-47 '61.

CHORAL SOCIETIES see subdivision under Plavsk; Rovno District, Tsarichanka District, Ural Mountain region, White Russia

CHOU, SHU-JEN, 1881-1936

Lu-hsun as an educator. V. Klepikov. Nar. obr. no. 9 99-101 S '61.

CHRISTIAN SOCIALISM see Socialism, Christian

CHROMATOGRAPHIC ANALYSIS

Investigating carbonyl compounds of the middle fraction of peat tar. K. V. Grigor'eva, N. M. Karavaev. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 4:166-174 Jl-Ag '61.

Using partition chromatography for the separation of low molecular weight acids obtained in the oxidation of soft paraffins. P. G. Gushanskaia and others. Khim. i tekh. topl. i masel 6 no. 8:31-36 Ag '61.

CHROMIUM

Exhausting effect and evaporation characteristics of metallic chromium under electron bombardment in a vacuum. H. S. Mykhailov and others. Ukr. fiz. zhur. 6 no. 3:412-414 My-Je '61.

Phase diagram in the ruthenium - chromium system. E. M. Savitskii, V. F. Terekhova, N. A. Biran. Zhur. neorg. khim. 6 no. 8 1960-1962 Ag '61.

Vacuum distillation of chromium [with summary in English]. V. M. Amonenko, A. A. Kruhlykh, H. P. Tykhinskyi. Ukr. fiz. zhur. 6 no. 3 390-393 My-Je '61.

CHROMIUM--ANALYSIS

Chromium content of Azerbaijan crude oils. D. I. Zul'fugarly. Azerb. khim. zhur. no. 6:127-132 '60.

CHROMIUM--METALLOGRAPHY

Grain growth in chromium [with summary in English]. A. A. Kruhlykh, V. S. Pavlov, H. F. Tykhinskyi. Ukr. fiz. zhur. 6 no. 3:394-397 My-Je '61.

Studying defects of the crystals structure of chromium depending on the degree of deformation. S. D. Gertsriken, I. IA. Dekhtiar, L. M. Kumok. Sbor. nauch. rab. Inst. metallofiz. AN URSR no. 12:98-101 '61.

CHROMIUM CHLORIDE

Study of buffer properties, electric conductivity, and cathodic process in chromium hydrochloric electrolytes. S. E. Orlova and others. Zhur. prikl. khim. 34 no. 8 1759-1764 Ag '61.

CHROMIUM-IRON ALLOYS see Iron-chromium alloys

CHROMIUM-MOLYBDENUM-TITANIUM ALLOYS see Titanium-chromium-molybdenum alloys

CHROMIUM-NICKEL ALLOYS see Nickel-chromium alloys

CHROMIUM-NICKEL-TUNGSTEN ALLOYS--WELDING

Automatic welding under flux of EI445R chromium-nickel-tungsten-molybdenum alloys. A. N. Safonnikov. Avtom. ... S '61.

OLYBDENUM ALLOYS see chromium alloys

...actions in the electrodeposition of ...lov'eva, IU. S. Petrova. Zhur. ... 8 1752-1759 Ag '61.

...ination of galvanic chromium ...ardness. M. IA. Fuks. Izv. vys. ... 3:9-13 '61.

...ORROSION

...sion of Kh25T steels. I. G. Volikova. ... no. 27:75-87 '59.

ALLOYS see Titanium-chromium

... of a Shanghai strain of the wild ...andurina M. M. D. Golysheva. ... 467-468 Jl-Ag '61.

...ethylenimine on wheat, onion, and ...N. Zoz. TSitologiia 3 no. 4 ...

...hromosomes during early develop...non. A. A. Prokof'eva, Bel'gov... ... no. 4:437-445 Jl-Ag '61.

CHRONOLOGY, ORIENTAL

Akademiia nauk SSSR. Institut vostokovedeniia. [Synchronous tables correlating the Hejira and European chronology] Sinkhronisticheskie tablitsy khidzhry i evropeiskogo letoschisleniia. Moskva, 1961. 285 p.

CHRYSOBERYL

Electronic paramagnetic resonance in natural chrysoberyl. V. M. Vinokurov and others. Fiz. tver. tela 3 no. 8:2475-2479 Ag '61.

CHU VALLEY--DRAINAGE

Calculating the inflow of water into drains under natural conditions of the Chu Valley. I. K. Dulunov. Izv. AN Kir. SSR Ser. est. i tekh. nauk 2 no. 4 103-120 '60.

CHU VALLEY--WATER RESOURCES DEVELOPMENT

Some conclusions from the analysis of water balance in the Chu Depression. M. I. Kaplinskii. Izv. AN Kir. SSR. Ser. est. i tekh. nauk 2 no. 4 3-34 '60.

CHUKCHI LANGUAGE

Problem of linguistic and sensorial generalizations; based on the names of colors in the Chukchi language. F. N. Shemiakin. Izv. APN no. 113 72-75 '60.

CHUKCHI LANGUAGE--GRAMMAR

Leont'ev, V. V., and M. V. Ainevtegin. [Textbook of the Chukchi language for the third grade of the Chukchi national school. Uchebnik chukotskogo iazyka dlia III klassa chukotskoi nachal'noi shkoly. Leningrad, Uchpedgiz], 1958. 106 p. [In Chukchi.] (MH)

CHUKCHI LANGUAGE--NOUN

Skorik, P. IA. [Grammar of the Chukchi language] Grammatika chukotskogo iazyka. Moskva, Izd-vo Akad. nauk SSSR.

Pt. 1. [Phonetics and morphology of nouns] Fonetika i morfologiia imennykh chastei rechi. 1961. 448 p.

CHUKCHI LANGUAGE--PHONETICS

Skorik, P. IA. [Grammar of the Chukchi language] Grammatika chukotskogo iazyka. Moskva, Izd-vo Akad. nauk SSSR.

Pt. 1. [Phonetics and morphology of nouns] Fonetika i morfologiia imennykh chastei rechi. 1961. 448 p.

CHUKCHI PENINSULA--REVOLUTION, 1917-1921

Zhikharev, N. A. [The First Revolutionary Committee in Chukotka, 1919-1920; collected documents and materials] Pervyi Revkom Chukotki, 1919-1920 g. g.; sbornik dokumentov i materialov. [Magadan] Magadanskoe knizhnoe izd-vo, 1957. 128 p. (InU)

CHUKHRAI, GRIGORII

Reality of happiness. Tat'iana Bachelis. Isk. kino no. 8:71-81 Ag '61.

CHULYM VALLEY--PALYNOLOGY

Khlonova, A. F. [Specific composition of pollen and spore complexes in upper Cretaceous deposits of the Chulym-Yenisey Depression] Vidovoi sostav pyl'tsy i spor v otlozheniiakh verkhnego mela Chulymo-Enisieiskoi vpadiny. Novosibirsk, Izd-vo Sibirskogo otdeleniia AN SSSR, 1960. 104 p. (Akademiia nauk SSSR. Sibirskoe otdelenie. Institut geologii i geofiziki. Trudy, no. 3)

CHUMAK, ANDRII KINDRATOVYCH, 1877-1919

A. K. Chumak, a fighter for proletarian internationalism and friendship among peoples. A. A. Galustian, A. Kh. Aliev. Ukr. ist. zhur. 5 no. 5:153-154 S-O '61.

CHURIN, KHAMID DAVLETOVICH

Devoted service to the people. Sh. M. Chukurov. Vest. sel'khoz. nauki [Kazakh.] 4 no. 5:84-85 My '61.

CHUSOVAYA VALLEY--GEOLOGY, STRATIGRAPHIC

Asha series of the Central Urals. M. L. Kliuzhina, E. F. Pinegin. Dokl. AN SSSR 130 no. 6:1432-1434 Ag '61.

CHUVASHIA--LAND TENURE

Liubimov, V. N. [Chuvashia during the years of Stolypin's agrarian policy] Chuvashiia v gody Stolypinskoi agrarnoi politiki. Cheboksary, Gos. izd-vo Chuvashskoi ASSR, 1948. 65 p. (RPB)

CHUVASHIA--SCHOOL SUPERVISION

Let's be bold in relying on public inspection. A. Tokarev. Nar. obr. no. 9:19-24 S '61.

CHUVSKIY DISTRICT--WASTE PAPER

Valuable raw material is wasted. M. Novikov. Koop. Kazakh. 4 no. 5/6:65 My-Je '61.

CIGARETTE INDUSTRY--EQUIPMENT AND SUPPLIES

Photoelectric unit for automatic control of cigarette packaging and packing machines. S. Mkrtchian. Prom. Arm. 4 no. 6:34-35 My '61.

CIMMERIAN BOSPORUS (KINGDOM)--COINS

Second discovery of Patrei coins, 1951. K. V. Golenko. Num. i epig. no. 1:223-289 '60.

CIMMERIAN BOSPORUS (KINGDOM)--POTTERY, GREEK

Using petrographical methods for studying the Bosporus Kingdom pottery. O. IU. Krug, S. D. Chelverikov. Sov. arkheol. 5 no. 3:34-44 '61.

CIPHER AND TELEGRAPH CODES--METEOROLOGY

New code for the network of radar storm service stations. N. F. Kotov. Trudy GGO no. 120 3-14 '61.

CIRCLE

Comments on Kasi-zade al-Rumi's treatise on the determination of the sine of one degree of arc. B. A. Rozenfel'd, A. P. Iushkevich. Ist.-mat. issl. no. 13:533-538 '60.

Remarks on Kasi-zade al-Rumi's treatise. B. A. Rozenfel'd, A. P. Iushkevich. Ist.-mat. issl. no. 13:552-555 '60.

Treatise on the determination of the sine of one degree of arc [translated from the Arabic] Kasi-zade al-Rumi. Ist.-mat. issl. no. 13:539-552 '60.

CIRCUITS, BRIDGE see Bridge circuits

CIRCULAR MOTION see Centripetal force

CIRCULAR SAWS

Saw for wire. V. Matsynin. Stroitel' no. 7:11 Jl '61.

"Sawing of wood with smooth-finish circular saws" by M. I. Peklo. Reviewed by N. K. Iakunin. Der. prom. 10 no. 8 27-29 Ag '61.

CIRCULATORY SYSTEM see Cardiovascular system

CITIES AND TOWNS see subdivision under Alsace, Europe; Great Britain, Italy; White Russia

CITIES AND TOWNS, ANCIENT
(see also subdivision under Lvov Province)

Conference on the history and archaeology of the Greek city. G. A. TSvetaeva. Sov. arkheol. 5 no. 3:320-325 '61.

CITIES AND TOWNS, RUINED, EXTINCT, ETC. see subdivision under Don Valley; Iran; Kolodyazhnaya, Mary District; Turkmenistan; see also Bashan

CITRIC ACID
(see also subdivision under Spitak)

Complex compounds of pentavalent neptunium with citric and tartaric acids. A. I. Moskvin, I. N. Marov, M. A. Zolotov. Zhur. neorg. khim. 6 no. 8:1813-1820 Ag '61.

Development of citric acid production in sugar factories. I. I. Talutis. Sakh. prom. 35 no. 8:8-11 Ag '61.

CITRUS FRUITS see subdivision under Georgia

CITY PLANNING
(see also subdivision under Gorkiy; Khabarovsk, Kharkov; Kiev; Kramatorsk; Kryukovo; Leningrad, Minsk; Moscow; Poland; Severodvinsk; Sumgait; Ukraine, Ural Mountain region, Volzhskiy, Voroshilovsk; White Russia, Zhdanov)

Allowable layout of buildings with individual floor plans. R. M. Rondel'. Sbor. nauch. trud. Mol. politekh. inst. no. 69:88-97 '60.

Freight movement and city planning. R. Liuborskii. Stroi. i arkhit. 9 no. 8:6-8 Ag '61.

In the Academy of Construction and Architecture of the U.S.S.R. Biul. stroi. tekh. 18 no. 7:41-44 Jl '61.

Let's build city-type settlements. Sel'. stroi. 16 no. 7: 1-2 Jl '61.

Organizing cultural and public services under complex planning conditions. A. Proskurnin. Stroi. i arkhit. 9 no. 8:4-6 Ag '61.

"Planning the centers of small cities" by A. I. Stanislavskii. Reviewed by G. Frumin. Stroi. i arkhit. 9 no. 8:32 Ag '61.

Prefabrication techniques in construction and problems of the architectural ensemble. V. Kazarinova. Arkhit. SSSR no. 6:15-21 '61.

Put housing construction under public control. A. Zal'tsman and others. Arkhit. SSSR no. 6:6-12 '61.

Stages in the development of a system of collective population distribution in cities. G. Gradov. Arkhit. SSSR no. 6:36-45 '61.

CITY PLANNING--CONGRESSES

Conference on problems of urban development. Stroi. i arkhit. 9 no. 7:38 Jl '61.

CITY TRAFFIC
(see also subdivision under Moscow)

Improving wages in city transportation. P. Ulitskii, I. Chubukov. Sots. trud 6 no. 8:60-65 Ag '61.

CIVIL ENGINEERING

Moscow. Moskovskii inzhenerno-stroitel'nyi institut. [Summaries and annotations of reports to the 19th Scientific and Technical Conference of the Moscow Construction Engineering Institute] XIX Nauchno-tekhnicheskaia konferentsiia; tezisy dokladov, annotatsii. Moskva, M-vo vysshego i srednego spetsial'nogo obrazovaniia RSFSR, 1960. 263 p. [MICROFILM]

CIVIL LAW
(see also subdivision under France)

[Amenfel'd, G. M., and V. V. Pavlov.] Principles of Soviet civil and labor law] Osnovy sovetskogo grazhdanskogo i trudovogo prava. Rekomendovano v kachestve ucheb. posobiia dlia tekhnikumov sovetskoi torgovli. Izd. 2., dop. i perer. Moskva, Gos. izd-vo torgovoi lit-ry, 1960. 438 p.
(CU) (CLL)

Moscow. Universitet. [Soviet civil law] Sovetskoe grazhdanskoe pravo. Moskva, Gos. izd-vo iurid. lit-ry,
Vol. 2. 1961. 532 p.

Theoretical problems relating to the codification of civil laws [with summary in English] IU. K. Tolstoi. Vest. LGU 16 no. 17 103-119 '61

CIVIL PROCEDURE

Correlation between the decisions of courts and arbitration agencies. V. Shcheglov. Sov. iust. no. 17:23-24 S '61.

CIVIL RIGHTS see subdivision under United States

CIVILIZATION AND SCIENCE see Science and civilization

CIVILIZATION AND TECHNOLOGY see Technology and civilization

CLASS DISTINCTION see Social classes

CLASS STRUGGLE see Social conflict

CLAVICLE—FRACTURE

Treatment of clavicular fractures. S. S. Ivanov, V. B. Mainaev. Ortop., travm. i protez. no. 7 62-63 '61

CLAY
(see also subdivision under East Kazakhstan Province, Kura Lowland)

Determination of the specific surface of clays and kaolins by means of radioactive tungsten [with summary in English]. D. M. Shakhtin, E. V. Leontovich. Koll. zhur. 23 no. 4:495-498 Jl-Ag '61.

Isolation of clay particles by electrophoresis. N. V. Logvinenko, A. A. Lazarenko. Izv. AN SSSR, Ser. geol. 26 no. 9:100-103 S '61.

Plasticity of clay rocks [in Azerbaijani with summary in Russian]. T. G. Faradzhev, F. A. Askerov. Azerb. neft. khoz. 40 no. 6 17-18 Je '61

CLAY—ANALYSIS

Quantitative phase X-ray analysis of clay minerals. V. A. Drits. Kristallografiia 6 no. 4:530-535 Jl-Ag '61.

CLEANING COMPOUNDS

Critical concentrations of micelle formation in the solutions of detergent homologues [with summary in English]. P. O. Demchenko. Dop. AN URSR no. 7 928-931 '61.

Modern synthetic cleaning compounds. M. A. Ashimov, R. Kh. Khudzhatova. Azerb. khim. zhur. no. 6:69-75 '60.

CLEANING MACHINERY AND APPLIANCES

Cleaning the pipes of an exhaust ventilation. V. I. Morozov, P. A. Nemtsev. Sbor. rats. predl. vnedr. v proizv. no. 5:46 '60.

CLERKS (RETAIL TRADE)
(see also subdivision under Karaganda Province; Semiozernoye District)

Four friends. Koop. Kazakh. 4 no. 5/6:14-15 My-Je '61.

CLIMACTERIC

Amount of cholesterol, phospholipids, proteins, and lipoprotein fractions in the blood serum of women during the climacteric and in climacteric neuroses. IA. D. Raifal'skii. Probl. endok. i gorm. 7 no. 4:82-89 '61.

CLIMATOLOGY
(see also subdivision 'Climate' under Carpathian Mountains; Golodnaya Steppe; Kazakhstan; Libani region; Pacific Ocean; Russia; Ukraine)

Molchanov, A. A. [Forest and climate] Les i klimat. Moskva, Izd-vo Akad. nauk SSSR, 1961. 277 p.

CLIMATOLOGY—STUDY AND TEACHING

Local material in studying the climate of the five parts of the world. L. L. Trube. Geog. v shkole 24 no. 5: 46-48 S-O '61.

CLOCKMAKING AND WATCHMAKING

Methods and means for checking the distances between axes and the nonaxiality of holes in units in connection with the measurement of parts before assembling. T. S. Gladilina. Vzaim. i tekh. izm. v mashinostr., mezhvuz. sbor. no. 3:173-196 '61.

CLOCKMAKING AND WATCHMAKING—MACHINERY

Watchmakers. L. IUr'ev. Nauka i zhizn' 28 no. 7:13-16 Jl '61.

CLOCKS AND WATCHES

Quartz miracle. A. Poliakov. Znan. sila 36 no. 8:18 Ag '61.

A watch that runs for a year. A. Abdulin. Znan. sila 36 no. 8:19 Ag '61.

CLOCKS AND WATCHES—REPAIRING AND ADJUSTING
see subdivision under Moscow

CLOCKS AND WATCHES—STANDARDS

[Devices for time measurements] Pribory dlia izmerenila vremeni. Izd. offitsial'noe. Moskva, Gos. izd-vo standartov, 1961. 154 p. (SSSR. Gosudarstvennye standarty)

CLOSTRIDIUM BOTULINUM

Physiological mechanism of potentiation of the action of types A and B botulism toxin in the body [with summary in English]. V. V. Mikhailov. Arkh. pat. 21 no. 9:7-16 '59

CLOTHING, PROTECTIVE

Inflated protective clothing. Znan. ta pratsia no. 7:23 Jl '61.

CLOTHING INDUSTRY—FINANCE

Special features of the analysis of the production and financial operations of clothing industry enterprises. M. Rubinov. Fin. SSSR 22 no. 8 75-81 Ag '61

CLOUD PHYSICS

Relationship between the time and speed of diffusion distillation and the physical characteristics of clouds. A. IA. Perel'man. Trudy GGO no. 120 60-72 '61

CLOUDS
(see also subdivision under Transcaucasia)

Absolute photometry of the twilight sky and noctilucent clouds. I. A. Parshin. Issl. ser. obl. no. 1 77-84 '60.

Clouds in the upper troposphere. G. D. Reshetov. Trudy TSIP no. 81 48-91 '61.

Photometric and colorimetric observations of noctilucent clouds in the summer of 1959. V. V. Sharonov. Issl. ser. obl. no. 1:66-76 '60.

Some cases of the occurrence of bright noctilucent clouds in the summer of 1959. L. I. Lebedeva. Issl. ser. obl. no. 1:59-65 '60.

Visible frequency of the occurrence of noctilucent clouds according to observations at stations of the Hydrometeorological Service in 1957 and 1958. T. D. Pavlova. Issl. ser. obl. no. 1:3-58 '60.

CLUTCHES (MACHINERY)

Certain problems concerning the design and use of powder clutches. P. R. Pugovkin. Vest. elektroprom. 32 no. 9: 49-53 S '61.

Designing multidisk low-power friction clutches. B. S. Fridman. Sbor. nauch. st. Azovo-Cher. inst. mekh. sel'khoz. no. 8 pt. 2:80-85 '59.

Determination of the starting time of a drive with a friction clutch. IU. I. Anosov. Izv. vys. ucheb. zav., elektromekh. 4 no. 8:94-98 '61.

Koshelov, K. L. [Self-release of rigid clutches] Samovykliuchenie zhestkikh stsepnykh muft. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 53 p.

COAGULATION

A particular case of enzymatic coagulation of casein solution. Sh. G. Gonashvili. Soob. AN Gruz. SSR 26 no. 5:531-537 My '61.

COAL

Burning Donets gas coal in shaft-mill furnaces. A. D. Gorbanenko, I. G. Kuznetsov, G. S. Chekanov. Elek. sta. 32 no. 6:13-16 Je '61.

Determining the degasification degree of extracted coal [with summary in English]. A. S. TSyrul'nikov. Dop. AN URSR no. 7 915-919 '61

Ignition temperature of oxidized coal. M. S. Orenbakh, L. A. IAvorskii. Izv. Sib. otd. AN SSSR no. 8:124-127 '61.

Obtaining of organic acids from weathered coal. T. A. Kukharenko and others. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 4:143-149 Jl-Ag '61.

COAL—ANALYSIS see subdivision under Gissar Range

COAL—DENSITY see subdivision under Donets Basin

COAL—STORAGE

Automatic measuring of the level of pulverized coal in intermediate bunkers. V. I. Stepanov, IU. A. Zeigarnik. Energetik 9 no. 4:5-7 Ap '61.

COAL, PULVERIZED

Characteristics of the motion of burning particles. B. L. Zharkov. Trudy TSNII MPS no. 214:93-102 '61.

Dynamics of a shaft mill. O. V. Kopchenov. Teploenergetika 8 no. 9:36-39 S '61.

Rate of motion of carbon particles [with summary in English]. B. D. Kutsnel'son, L. IA. Marone. Inzh.-fiz. zhur. 4 no. 3:123-126 Mr '61.

Remodeling of the TsKKB-2500 coal dust separator. I. L. Levin. Teploenergetika 8 no. 9:40-44 S '61.

COAL GASIFICATION

Use of the oscillographic method in investigating thermal decomposition of coal during high-speed heating. M. N. Larionov. Izv. Sib. otd. AN SSSR no. 8:44-49 '61.

COAL GEOLOGY
(see also subdivision under Donets Basin; Kazakhstan, Kenderlyk Valley, Ural Mountains)

Effect of water on coal at high temperatures and pressures. N. M. Karavaev, IAn. Khuan. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 4 150-159 Jl-Ag '61

Epigenesis of coal. V. I. Tuzhikova. Dokl. AN SSSR 139 no. 6 1445-1448 Ag '61

COAL-HANDLING MACHINERY

Mechanization of coal handling at medium-sized industrial electric power plants. N. I. Spiridonov. Teploenergetika 8 no. 5 59-65 My '61.

COAL MINERS
(see also subdivision under Donets Basin, Germany, East; Lvov-Volyn' Basin; Ukraine)

Among Japanese friends. I. Vladychenko. Sov. shakht. 10 no. 7 41-42 Jl '61.

Brigade of communist labor. S. Koloskov. Sov. shakht. 10 no. 9:7-8 S '61.

Coal miners' assistance to the farms. V. Shcherbakov. Sov. shakht. 10 no. 7, 22 Jl '61

Coal miners come to the mine committee for counseling and help. M. Volkov. Sov. shakht. 10 no. 8 21-23 Ag '61

Coal miners of the capitalist countries. V. Tabolev. Sov. shakht. 10 no. 9:41-42 S '61.

Consultation. Sov. shakht. 10 no. 7 36-37 Jl '61

Consultation. Sov. shakht. 10 no. 8:30-31 Ag '61.

Consultation. Sov. shakht. 10 no. 9:36-37 S '61.

Defeat of Baptists. M. Vorob'ev. Sov. shakht. 10 no. 9:34-35 S '61.

Don't forget your responsibilities. P. Petrov. Sov. shakht. 10 no. 7 33 Jl '61.

Drinking is not a miner's tradition. A. Shalaginov. Sov. shakht. 10 no. 7 38-39 Jl '61

Follow-up of unpublished letters. Sov. shakht. 10 no. 8: 30-31 Ag '61.

Glory to the tribe of miners. I. Vladychenko. Sov. shakht. 10 no. 8 7-8 Ag '61.

The inner beauty of men. P. Chebakin. Sov. shakht. 10 no. 7:29-30 Jl '61.

Life path of a coal miner. P. IUrikov. Sov. shakht. 10 no. 7:13-14 Jl '61.

Miners and their lodging house. G. Nekrasov, A. Domina, A. Kilepu. Sov. shakht. 10 no. 8:34-35 Ag '61.

Motorized club. A. TSukanov. Sov. shakht. 10 no. 9: 33 S '61.

Our lodging house is a good one. N. Roguta. Sov. shakht. 10 no. 7:34-35 Jl '61.

Take them away from "God." L. Zhevagin. Sov. shakht. 10 no. 7:38-39 Jl '61.

When no attention is given to people's welfare. A. Kachura. Sov. shakht. 10 no. 9:25 S '61.

COAL MINERS—DISEASES AND HYGIENE
(see also subdivision under Donets Basin)

Prevent radiculitis. G. Aseev. Sov. shakht. 10 no. 9: 44-45 S '61.

COAL MINERS—EDUCATION AND TRAINING

Results of assiduous study. A. Martyshev. Sov. shakht. 10 no. 7 40 Jl '61.

COAL MINES AND MINING
(see also subdivision under Donets Basin, Ekibastuz Basin; Iran; Karaganda Basin, Kuznetsk Basin; Pechora Basin)

Bolder approach in the adoption of new, advanced methods and equipment. Sov. shakht. 10 no. 7:1-2 Jl '61.

The coal mining industry of the U.S.S.R. today. A. Boiko. Sov. shakht. 10 no. 8:10-13 Ag '61.

Communism is being forged today. Sov. shakht. 10 no. 9:1-2 S '61.

Competition for the best suggestion in the struggle against metan in coal mines. Bezop. truda v prom. 5 no. 8:36 Ag '61.

Distribution of gas pressure ahead of an advancing coal face. S. V. Kuznetsov. PMTF no. 3:43-51 S-O '61.

Emulate the "beacons." I. Kolosenko. Sov. shakht. 10 no. 9:11-12 S '61.

Miners' Holiday. Bezop. truda v prom. 5 no. 8:1-2 Ag '61.

Mining systems with flexible roofing. L. Tomashevskii, V. Zamyshliaev. NTO 3 no. 9, 38-40 S '61

COAL MINES AND MINING—FIRES AND FIRE PREVENTION

Skochinskii, A. A., ed. [Air and ventilation of mines. Control of dust, gases, and fires. Mine rescue operations] Rudnichnaia atmosfera i ventilitsiia. Bor'ba s pyl'iu, gazami i pozharami. Gornospasatel'noe delo. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po ugol'noi promyshl., Ugletekhizdat, 1959. 375 p.
(DI)

COAL MINES AND MINING—LABOR PRODUCTIVITY
(see also subdivision under Angren Basin; Donets Basin; Karaganda Basin; Kuznetsk Basin; Moscow)

The program of the party is the people's banner. A. Kol'chik and others. Sov. shakht. 10 no. 9:4-5 S '61.

COAL MINES AND MINING – LABOR PRODUCTIVITY (Continued)

Toward a great goal. M. Sakhan' Sov. shakht. 10 no. 9 6 S '61

We head toward communism. V. Voinash, N. Mamat. Sov. shakht. 10 no. 9:3 S '61.

COAL MINES AND MINING—SAFETY MEASURES (see also subdivision under Lugansk)

Etinger, I. L. [Properties of coals affecting mine safety] Svoistva uglei, vliiaiushchie na bezopasnost' truda v shakhtakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 95 p.

Keeping watch over labor safety N Mamchenko Sov shakht 10 no 7 32 Jl '61

Mining without special gas inspectors. Sov. shakht. 10 no. 9-22 S '61.

Preventing the breakthrough of water into a mine from abandoned workings D S Sherstnev, P G. Sheverdin. Bezop truda v prom. 5 no 8 3-4 Ag '61.

COAL MINES AND MINING—TECHNOLOGICAL INNOVATIONS

Important contribution to progress in technology IA Levchenko, V Cherepivskii Sov shakht 10 no 7 3-4 Jl '61

On the path toward the future. I. Vladychenko. Sov. profsoiuzy 17 no. 18:12-14 S '61.

COAL MINING MACHINERY (see also subdivision under Kuznetsk Basin)

Introduce progressive welding methods in production. A Finke, IU. Makarenko. Nar. khoz. Kazakh. 19 no. 8: 34-35 Ag '61.

"Ural" cutter K. Mustafin Sov shakht 10 no. 7 16 Jl '61.

COAL MINING MACHINERY—EXHIBITIONS

At the Exhibition of Achievements of the National Economy of the U S S.R. today. I. Aleksandrov Sov. shakht. 10 no. 9 31-32 S '61.

COAL MINING MACHINERY—TECHNOLOGICAL INNOVATIONS

Leonid Zamiatkin will keep his word A. L'vov Sov shakth 10 no 7 11 Jl '61

COAL PREPARATION (see also subdivision under Irmino)

Magnetic separation of coal with activated admixtures. G A. Adamov Izv. AN SSSR Otd. tekh nauk Met i topl. no 4 128-136 Jl-Ag '61.

"Problems in the economics of coal preparation" by L. I. Dilitskii Reviewed by I. Budnitskii. Vop. ekon. no. 9:148-150 S '61.

Reagent for the flotation of coal smalls. N. D. Ogloblin. Biul. tekh -ekon. inform. no. 7 17-19 '61.

COAXIAL CABLES

Method for claculating the thermal conditions in a large cables carrying radio frequency in repeating transitory operation. S. M. Verrik, Kh. R Malkin Vest. elektroprom 32 no. 8:48-51 Ag '61

COBALT

Adsorption of cobalt from ammonia solutions. G O. Kasherininov. Zhur. prikl. khim. 34 no. 8 1662-1667 Ag '61.

"Order - confusion" transition in the alloys of iron with cobalt and palladium A. T. Grigor'ev, V. V Kuprina Zhur. neorg khim 6 no 8 1891-1901 Ag '61

Using S D Gritsiuta's method for detecting cobalt in natural waters and in waters extracted from soil E. A. Kiuregian Izv. AN Arm SSR. Geol. i geog. nauki 14 no. 3 37-42 '61.

COBALT—ISOTOPES

Asymmetry of the beta radiation from Co^{60} nuclei polarized in a cobalt-iron alloy B N Samoilov and others Zhur eksp i teor fiz 40 no 6 1871-1874 Je '61

Neutron diffraction study of iron-cobalt alloys. B. G. Liashchenko, D. F. Litvin, IU. G. Ahov. Kristallografiia 6 no. 4 553-559 Jl-Ag '61.

Using the theory of normal solutions for the analysis of phase equilibrium curves in the system Fe - Co A G Lesnik, V P Skvortsov Sbor nauch trab. Inst metallofiz AN URSR no 12:102-110 '61

COBALT-MANGANESE ALLOYS

Oxide cobalt and manganese semiconductor bolometers A L. Burkin, I T Sheftel' Fiz tver tela 2 no. 2 288-296 F '60.

COBALT OXIDES—MAGNETIC PROPERTIES

Antiferromagnetic properties of cobalt oxide [with summary in English] V. I Chechernikov, V. G. Kol'chenko Zhur. eksp i teor fiz 40 no 3 721-724 Mr '61

COBALT SALTS

Covalent bond theory for cobalt salts and analysis of the spectrum of paramagnetic resonance of Co^{2+} in corundum D. K. Rei. Fiz tver. tela 3 no 8 2223-2239 Ag '61

COBALT-SILICON-NICKEL ALLOYS see Silicon-cobalt-nickel alloys

COCCIDIOIDOSIS

Araviiskii, A. N., and P. N. Kashkin. [Coccidioidomycosis] Koktsidioidnyi mikoz. [Leningrad] Medgiz, 1960. 123 p. [With summary in English] (DNLM)

COCCIDIOSIS see subdivision under Azerbaijan; Tajikistan

CODFISH (see also subdivision under Barents Sea)

Origin of some amphiboreal gadoid and clupeoid fishes in connection with the composition of their parasite fauna [with summary in English]. A N. Svetovidov Zool. zhur. 40 no. 9:1335-1344 S '61.

Relation between hydrological conditions and fluctuations in the abundance of different year classes of codfish. A G Kislinkov. Trudy sov. ikht kom no. 13 260-264 '61.

COELENTERATA

Cytological characteristics of free-living stages in the development of Polypodium hydriforme E. V. Raikova TSitologiia 3 no. 4:390-408 Jl-Ag '61.

COFFEE (see also subdivision under Moldavia)

"Sociological and psychological factors in the consumption of coffee" [in French] by Karl Ruefenacht. Reviewed by N. B. Ignat'ev. Vop. filos. no. 6:206-208 '57.

COHNHEIM, JULIUS FRIEDRICH, 1839-1884

Julius Friedrich Cohnheim (75th anniversary of his death). V. V. Serov. Arkh pat. 21 no 9 68-73 '59

COINS (see also subdivision under Aterk; Cimmerian Bosporus, Kingdom, Soviet Central Asia)

Russian coins minted in 1612-1613. V. L. IAnin. Num. i epig. no. 1, 78-93 '60.

COINS, ANCIENT see subdivision under Styriaz

COINS, BYZANTINE see subdivision under Stanislav

COINS, GREEK see subdivision under Anapa

COINS, MEDIEVAL see subdivision under Europe, Eastern

COINS, ROMAN see subdivision under Lukashevka, Ukraine

COKE

Role played by individual hydrocarbons in the formation of coke on an aluminosilivate catalyst under the conditions of catalytic cracking. M. M. Melikzade, M. R. Musaev. Azerb. khim. zhur. no. 4:17-20 '60

COKE—ELECTRIC PROPERTIES

Certain regularities in changes of the electric resistance of coke G. F. Platonov, M. I Panina. Trudy Alt. GMNII AN Kazakh. SSR 11.76-81 '61.

COKE—TESTING

Automatic coke sampler. S. I. Makarov, I G. Kuz'min. Sbor. rats. predl. vnedr v proizv. no. 5:43-44 '60.

Coke sampler. V. G. IAnov. Sbor. rats. predl. vnedr v proizv. no. 5:44-45 '60

COKE INDUSTRY—BY-PRODUCTS

Polarographic determination of anthracene, phenanthrene, and carbazole in by-products of the coke industry. A. G. Pozdeeva. Zhur. prikl. khim. 34 no. 8. 1842-1849 Ag '61.

COKE OVENS see subdivision under Lipetsk

COLD—PHYSIOLOGICAL EFFECT

Effect of cooling of the organism on the microphonic effect of the cochlea [with summary in English] I I Mazo Biul eksp biol i med 51 no 5 22-26 My '61

COLD WELDING

Cold butt welding by pressure of copper and aluminum rods. A V. Kanareikin. Prom energ. 16 no. 9 43 46 S '61.

COLITIS

Chronic colitis as a nosological form S. S. Vail'. Klin med. no. 7:6-11 '61

COLLAGEN

Crushing of collagen is the shortest way for the manufacture of pure synthetic leather (from "The Leather Trades Review," no 3878, 1960). K. M. Robinzon Kozh. -obuv. prom 3 no 6 32-33 Je '61.

Depolymerization of collagen fibers (from "The Journal of the American Leather Chemists Association," no 10, 1960). L. S. Rabinovich Kozh. -obuv. prom 3 no 6 31 Je '61

Effect of temperature on the breaking of hydrogen bonds in collagen by urea (from "Journal of the American Leather Chemists Association," no 10, 1960) I S Rabinovich Kozh. -obuv prom 3 no 6 31 Je '61.

COLLECTIVE FARMS (see also subdivision under Altai Territory, Azerbaijan, Berezovka District; Bol'shaya Chernigovka, Kuybyshev Province, Borispol' District, Kuban, Kuzemin; Kuban' District, Orel Province, Ossetia; Rzhaksinskiy District; Tajikistan, Tolkent; Ukraine, Vurnary District; White Russia)

A collective farm on the road toward communism G. Mogil'chenko. Komm. Ukr 37 no 9 51-57 S '61.

The development of collective farm democracy. A. Ovchinnikova Kommunist 38 no 15:88-97 O '61.

IAvnel', A. IU. [Public sanitation of the collective farm village] Sanitarnoe blagoustroistvo kolkhoznogo sela. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 69 p. (Nauchno-populiarnaia meditsinskaia literatura)

Joint state and collective farm enterprises. N. Chernyshev. Part. zhizn' no 19 47 O '61

Make fuller use of the possibilities of the collective farm system. V. Zaitsev, V. Skvortsov. Part. zhizn' no. 18 31-36 S '61.

Slobnov, S. I. [Two forms of socialist property and ways to merge them] Dve formy sotsialisticheskoi sobstvennosti i puti ikh sblizheniia. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 275 p.

Seasonal work factors on collective farms and how to overcome them. M Vasilenko. Ekon. sel'khoz. 32 no 8 70-77 Ag '61

Socialist accumulation on collective farms and merging collective farm and communal properties. N. I Kushchin. Trudy SIMSKII no. 23:62-79 '60

The soviets and the development of collective farm democracy. G. Burkatskaia. Sov deput. trud. no. 9 29-32 S '61.

Studying the history of the development of collective farms. I M. Borisenko, R. G. Stol'nikova. Vest. AN SSSR 31 no. 8:124-127 Ag '61.

We are fulfilling the pre-congress pledges successfully. A. P. Tkachenko, M. L. Paboshchenko, P. F. Bobrovnik. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 9:9-15 S '61.

We shall create an abundance of agricultural products. Kan De Khan Ekon. sel'khoz. 32 no. 8.61-69 Ag '61

COLLECTIVE FARMS—ACCOUNTING (see also subdivision under Khmel'nitskiy District; Moscow Province, Tul'chin District; White Russia)

Account for flax production in a strict and accurate manner. M. I. Gruzdov. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 9 34-36 S '61.

Accounting for production costs on collective farms (to be concluded). E. S. Sofiev. Uchet i fin. v kolkhoz i sovkhoz. 18 no. 8:9-15 Ag '61.

Accounting on a large collective farm must be decentralized. A. I Metal'nikov. Uchet i fin. v kolkhoz i sovkhoz 18 no 8:18-20 Ag '61.

Accounting organization on a large collective farm. A. S. Rumiantsev, A. S Shabalin Uchet i fin. v kolkhoz i sovkhoz 18 no. 8:17-18 Ag '61.

Achievements and needs of accountants in the Far North. IA. I IUshkov. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 9:26-28 S '61.

Brief news. N. A. Busel. Uchet i fin. v kolkhoz. i sovkhoz 18 no 8 62-64 Ag '61.

[Collective-farm accountant's reference book] Spravochnik bukhgaltera kolkhoza. Moskva, Gos. izd-vo sel'khoz. lit-ry zhurnalov i plakatov, 1961. 583 p.

Collective farm production and economic accountability. D G. TSiporukha. Trudy SIMSKH no 23:80-92 '60

Our pledges. E. Borskii, V. Kotliarova, G. Rudakova. Uchet. i fin. v kolkhoz. i sovkhoz. 18 no. 9:19 S '61.

Oyslannikov, S. G. [Ways for improving original accounting on collective farms] Puti usovershenstvovaniia pervichnogo ucheta v kolkhozakh. Minsk, Izd-vo Belgosuniversiteta im. V. I. Lenina, 1960. 101 p.

We have put accounting in order and consolidated finance. P. I Shabunin. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 9:24-25 S '61.

COLLECTIVE FARMS—AUDITING AND INSPECTION
(see also subdivision under Kirghizistan)

Absence of control leads to abuses. V. N Petrov. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 9, 41-42 S '61.

COLLECTIVE FARMS—COSTS
(see also subdivision under Kharkov Province, Kiev Province)

Hidden potentialities for reducing production costs on collective farms. Kh. Potapov, P. Zakusilo. Vop. ekon no. 9 111-119 S '61.

Kharkov. Ukrains'ky naukovo-doslidchyi instytut ekonomiky i organizatsii sil's'koho hospodarstva [Method of calculating production costs on collective farms, accounting for production expenditures and calculating costs] Metodika ischisleniia sebestoimosti produktsii v kolkhozakh, uchet proizvodstvennykh zatrat i kal'kuliatsiia sebestoimosti. Kiev, Izd-vo USAKh, 1960. 62 p.
(DS)

When will the problem of the methodology for calculating costs of collective farm produce be solved? E Korol' Ekon. sel'khoz 32 no 8, 105-106 Ag '61

COLLECTIVE FARMS—FINANCE
(see also subdivision under Cherkassy Province; Gorkiy Province, Kharkov Province; Kiev Province; Polesye)

Business accounting within individual production units and the collective farmers' self-interest. K I. Pankova. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 9, 43-48 S '61.

Pavlov, I. V. [Legal forms of business accounting on collective farms] Pravovye formy vnutrennego khozraschota v kolkhozakh. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 47 p.

COLLECTIVE FARMS—INCOME DISTRIBUTION

Clear outlook for the transition of rural areas to communism. V Ilfimov Kommunist 38 no. 14 82-84 S '61.

Conversion of payments in kind to monetary income and the collective farmers demand for merchandise. A. Golovach. Sov. torg 34 no. 8 31-33 Ag '61.

Developing production relations in collective-farm production. V. B. Petrovich Nauch zap Kiev. fin.-ekon. inst. no. 9 160-173 '59

Lenin's principle of material self-interest is a powerful factor in the further growth of collective farm production. V Fedinin Ekon sel'khoz 32 no 8 13-19 Ag '61.

Shukhtin, I. M. [Some aspects of the functioning of the economic law of payment in accordance with work done on collective farms] Nekotorye osobennosti deistvila ekonomicheskogo zakona raspredeleniia po trudu v kolkhozakh. Leningrad, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, Leningr. otd-nie, 1959. 36 p.
(RPB)

Some problems in improving production relations during the period of the large-scale building of communism. I. L. Kotenko. Uch. zap. Kish. un. Mezhvuz. sbor. po polit. ekon. no. 1 34-45 '60

COLLECTIVE FARMS—INTERFARM COOPERATION
(see also subdivision under Odessa Province; Ukraine)

The development of interfarm contacts. M. Strukalin. Part. zhizn' no 19 33-37 O '61.

Let's develop interfarm production contacts in every possible way. P. Sokolov. Part. zhizn' [Uzb.] 3 no. 12 57-61 D '60.

COLLECTIVE FARMS—LAW AND LEGISLATION

Some problems of judicial practice in cases concerning the civil lawsuits of collective farms. T. Kudreiko, D. Kichatov. Sov. iust. no. 17 10-11 S '61.

Volkov, A. I. [Sources of collective-farm law; legislative enactments as of January 1, 1961] Istochniki kolkhoznogo prava; po sostoianiiu zakonodatel'stva na 1, I. 1961 g. [Moskva] Izd-vo Mosk. univ., 1961. 52 p.

Voloshin, N. P. [Property rights to collective farmers' farmsteads] Pravo lichnoi sobstvennosti kolkhoznogo dvora. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 165 p.

COLLECTIVE FARMS—OFFICIALS AND EMPLOYEES
(see also subdivision under Ukraine)

Glukhov, Z. N. [Personnel determines the success of an enterprise] Kadry reshaiut uspekh dela. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 166 p.

Nosenko, A. E. [A son of our great people] Naroda velikogo syn. Moskva, Gos. izd-vo polit. lit-ry, 1961. 37 p. (Geroi i podvigi)

COLLECTIVE FARMS—VALUATION

Revaluating capital assets on collective farms. A. A. Kochnev. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 8: 41-48 Ag '61.

Revaluating capital assets on collective farms. A. Kochnev, M. Freidlin Vest. stat no 8 68-73 '61.

COLLECTORS AND COLLECTING

Thoughts on collectors. Irakiil Andronikov. Nauka i zhizn' 28 no. 7 47-48 Jl '61.

COLLEGE AND SCHOOL JOURNALISM

Meeting the needs of youth. G. Panteleev. Prof.-tekh. obr. 18 no. 5 26 My '61

COLLEGE THEATER see subdivision under Moscow

COLLIMATORS

Automatic collimation devices for measuring angles of recess for toothed cylinders and other parts A K. Kutni, I I Balonkina Vzaim i tekh izm v mashinostr., mezhvuz sbor no. 3 227-239 '61

COLLISIONS (NUCLEAR PHYSICS)

Collision integral for charged particles [with summary in English] V P Silin Zhur eksp i teor fiz 40 no 6 1768-1774 Je '61

Collisions of slow particles. V. D. Kamenetskii Izv vys ucheb. zav., fiz no 3, 42-49 '61

Pulverization of metals by fast deuterium ions. V. D Tishchenko Ukr. fiz zhur 6 no 3 417-418 My-Je '61

Role of recurrent processes in the generation of protons in ion sources M D Gabovich Zhur tekh fiz 30 no. 3 354-358 Mr '60

COLLOIDS

"Colloid chemistry" by A. G. Pasynskii Reviewed by V. A. Pchelin, Koll. zhur. 23 no. 4, 509 Jl-Ag '61

"Colloid chemistry" by A. Shcludko. Reviewed by IU. M. Glazman Koll. zhur 23 no 4, 508-509 Jl-Ag '61

Conditions for the formation of colloid particles of intermetallic compounds [with summary in English]. E. M Natanson, V. V Bushin, N N. Kozachek. Koll zhur 23 no. 4, 442-447 Jl-Ag '61.

Investigation of the hydration of colloids in solutions producing hydrophilic properties V S Lapatukhin, V R Leve Zbor nauch. rab. VNIIPPiT no 9, 63-117 '58

COLONIES

Collapse of the colonial system in Africa. IU IAsnev Komm. Vooruzh Sil 1 no 2 35-39 Ja '61

New phase in the development of the general crisis of capitalism I Kulikov. Komm. Vooruzh. Sil 1 no. 3 15-23 F '61.

Shabad, B. A. [Ideological foundations of present-day colonialism] Ideologicheskie osnovy sovremennogo kolonializma. Moskva, Izd-vo vostochnoi lit-ry, 1961. 102 p.

COLOR—PSYCHOLOGY

Color and light. G Shakhbazian. Sov. profsoiuzy no. 17: 30-31 S '61

COLOR CENTERS

Depth of coloring of alkali halide crystals when bombarded by 6 to 15 kv electrons at different angles. A R. Shul'man, E. P. Gel' Fiz. tver tela 2 no 3 524-529 Mr '60

Elastic scattering of nonlocalized excitons on color centers Z. S Kachlishvili. Fiz tver. tela 3 no. 7: 2141-2146 Jl '61.

Excielectronic emission of colored crystals. O. D. Knab. Fiz. tver. tela 3 no. 8, 2293-2297 Ag '61

COLOR PRINTING

New colors for phototypography. N S Multanovskaia, R. I. Konzneva, L. K. Mal'vinova Poligr. proizv. no 8 24-25 Ag '61.

COLOR PRINTS

Accuracy in art reproduction M. I Flekel'. Poligr proizv. no. 8 25-28 Ag '61.

COLOR TELEVISION—EQUIPMENT AND SUPPLIES

Color television sets. L. N. Shvernik. Tekh. kino i telev. 5 no. 8, 15-24 Ag '61.

COLORED GLASS see Glass, Colored

COLORIMETERS

The AKN-57 device for automatic determination of the color of petroleum products in a production flow. N. IA. Epshtein, A. IA. Shapiro. Biul. tekh.-ekon. inform. no. 8 16-18 '61.

COLORIMETRY

Colorimetric determination of inulin. V. N Khrustaleva, V. V. Kozlov. Izv vys. ucheb. zav., pishch. tekh no 4: 152-156 '61.

Photocolorimetry of iodine in Lead Industry dusts and their products. E. D. Glotko and others Trudy Alt. GMNII AN Kazakh. SSR 11 162-163 '61.

Photometric and colorimetric observations of noctilucent clouds in the summer of 1959. V. V. Sharonov. Issl. ser. obl. no. 1, 65-76 '60.

COLORS, WORDS FOR

Problem of linguistic and sensorial generalizations; based on the names of colors in the Chukchi language. F. N. Shemiakin. Izv. APN no. 113: 72-75 '60.

Problem of linguistic and sensorial generalizations; based on the names of colors in the Samoyedic and Ostiak languages. F. N. Shemiakin. Izv. APN no. 113: 49-61 '60.

Problem of linguistic and sensorial generalizations; based on the names of colors in the Tungus language E. D. Liublimova Izv APN no 113 62-71 '60

Relation of word to image, color and its names. I. N. Shemiakin. Izv APN no. 113 5-48 '60

COLUMBIUM see Niobium

COMA

Case of diabetic coma in youth G N. Molozov Voen-med zhur no 6, 80 Je '61

COMBINES (AGRICULTURAL MACHINERY)

Effect of harvesting conditions in irrigation farming on the operating indices of grain combines B A Larin Sbor. nauch. st Azovo-Cher inst mekh sel'khoz no 8 pt. 2 12-35 '59

Effect of the amount and speed of feeding on the productivity and power features of the grain threshing cylinder [with summary in English] G I Nazarov Izv. TSKhA no 2 185-187 '61

COMBING MACHINES

Modernization of combing machines N V Nechaev, I K IAkovlev Tekst prom 21 no 7 22-25 Jl '61

COMBUSTION

Ignition temperature of oxidized coal. M. S. Orenbakh, I. A. IAvorskii Izv Sib otd. AN SSSR no 8 124-127 '61

Magnetohydrodynamical combustion [with summary in English] R V Polovin, V P Demutskii Zhur eksp i teor fiz 40 no 6 1746-1754 Je '61

Mechanism of combustion by detonation IU N. Denisov, IA K. Troshin PMTF no 1 21-35 My-Je '60

Mechanism of the combustion of atomized liquid fuel in a turbulent flow S. M Kogarko, B IA Basevich Izv AN SSSR. Otd tekh nauk Met. i topl no 1 137-142 Jl-Ag '61

Model of the combustion zone of a turbulent flame [with summary in English] S M Kogarko, V IA Basevich. Zhur fiz khim 35 no 8, 1794-1798 Ag '61

Temperature of combustion and combustibility of some polyesters used in the production of glass-reinforced plastics. I. M. Al'shits, N M. Grad, I E Flis. Zhur. prikl. khim. 34 no. 8 1857-1860 Ag '61

COMBUSTION, THEORY OF

Approximate theory of the combustion and gasification of a fuel layer [with summary in English] V. V. Pomerantsev, IU. A Rundygin, IU. A. Sokovishin. Inzh.-fiz. zhur 4 no 8, 11-19 Ag '61

Raushenbakh, B. V. [Vibration combustion] Vibratsionnoe gorenie. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 500 p.

COMBUSTION RESEARCH

Determination of the coefficient of the recombination of oxygen atoms on a surface of quartz coated with potassium tetraborate N I Gorban', V V Azatian, A. B Naibandian Dokl. AN SSSR 139 no 5 1141-1144 Ag '61

Interaction between a weak entropy wave and the flame front S. S. Novikov, IU. S. Riazantsev Dokl AN SSSR 139 no. 5 1157-1158 Ag '61.

COMETS

Encke-Backlund's comet. Report No 3; The comet's motion in 1898-1911 and a new determination of the mass of Mercury [with summary in English]. S G Makover, N. A. Bokhan Trudy ITA no 8 137-179 '61.

COMMANDER ISLANDS see Komandorskiye Islands

COMMERCE—BIBLIOGRAPHY see Bibliography—Commerce

COMMERCIAL AERONAUTICS see Aeronautics, Commercial

COMMERCIAL AGENTS

Granting the right to sign foreign trade transactions. Vnesh. torg. 41 no. 8 46-49 '61.

Granting the right to sign foreign trade transactions. Vnesh. torg. 41 no. 9, 35-40 '61

COMMERCIAL LAW

Let's improve legal consultation in industrial enterprises G. Grachev-Divecv. Sots zakon 38 no 9 75 S '61.

"Organization of legal consultation in industrial enterprises and economic councils" by L. Shor Reviewed by N Vvedenskii, R Frid, S Tamarin. Sots zakon 38 no. 9 93-94 S '61.

COMMERCIAL PRODUCTS

Aronov, A. Kh., S. F. Vvedenskii, and I. I. Shul'man. [Study of general consumers' goods] Tovarovedenie kul'tovarov. Pod obshchei red. D. A. Andrusevicha. Moskva, Izd-vo TSentrosoiuza, 1960. 556 p.

[New consumer goods; information bulletin.] Nov. tov.; inform. biul. no. 8 '61.

COMMUNICABLE DISEASES IN ANIMALS

Noskov, N. M. [Handbook for practical lessons in epizootology] Rukovodstvo k prakticheskim zaniatiiam po epizootologii. Moskva, Gos. izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 343 p. (Uchebniki i uchebnye posobie dlia vyesshikh sel'skokhoziaistvennykh uchebnykh zavedenii)
(DA)

COMMUNICATION AND TRAFFIC

Vishnevskii, A. A., ed. [Economics of the communication system] Ekonomika sviazi. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1961. 270 p.

COMMUNICATIONS, MILITARY

Communication in stream crossing. V. Lisdov. Voen. vest 41 no. 5:105-107 My '61

COMMUNICATIONS, MILITARY—EQUIPMENT AND SUPPLIES

Important condition for the care of material. G P Bel'skii. Vest protivovozd obor no 9 61-63 S '61

COMMUNICATIONS, MILITARY—STUDY AND TEACHING

Competitions for signalmen by correspondence. I Rozhok V. Belyshev. Voen vest. 41 no 5 107-108 My '61

COMMUNISM
(see also subdivision under Japan)

Alekseev, A. G. [The CPSU is the vanguard of the international communist movement] KPSS - peredovol otriad mirovogo kommunisticheskogo dvizhenila. Leningrad, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, 1961. 75 p.

The banner of mankind Dolores Ibarruri. Part. zhizn' no. 17:68-69 S '61.

The banner of our people's struggle for communism. Ukr. ist. zhur. 5 no. 5:3-10 S-O '61.

Communism and equality. P. Matislavskii. Kommunist 38 no 15,24-35 O '61.

Communism and social progress [with summary in English, p 184] Vop filos 15 no. 9,3-14 '61

Communism is being forged today. Sov. shakht. 10 no. 9,1-2 S '61.

Communism is our ultimate goal Polit. samoobr 5 no 9 3 15 S '61

Communism is the bright future of humanity Nar obr no. 9 1 S '61

Communism is the bright future of mankind. Pozh delo 7 no. 8,1-2 Ag '61

Communism will triumph I. Govorkov and others Komm Ukr 37 no. 9 58-59 S '61

Creating the material and technical foundation for communism A. Smeliakov Sov profsoiuzy no 17: 10-13 S '61

Documents of a great historical importance. M. D. IUshchenko Nauka i zhyttia 11 no 7; 1-2 Jl '61

Everything in the name of man! Ogonek 39 no. 32-1, 4-5 Ag '61.

For you, planet earth! G. Gurkov, A. Serbin. Ogonek 38 no. 39 7 S '61.

From the first to the present-day program of the party. V Stepanov. Kommunist 38 no 14:27-36 S '61.

From the history of the program of the CPSU K M. Temirbaev Prep ist v shkole 16 no 5 14-17 S-O '61

General approval. I. Tilov. Part. zhizn' no. 17:58-59 S '61.

Great attractive force. J Kopienig Part zhizn' no 19-

eative Marxism. Part. zhizn'

rebirth of mankind

Highway of humanity IU. V. Borisov Nauka i zhizn' 28 no 8:1-5 Ag '61.

Historical mission of the dictatorship of the proletariat A Butenko Kommunist 38 no 14 10-59 S '61

Humanism of a socialist society. N. D. Tovkach. Nauch. zap Kiev. fin.-ekon inst. no 9.244-256 '59

Inspiring symphony of the heroic struggle and work. Atanase Joja Ogonek 39 no 33 8 Ag '61.

The international revolutionary movement is invincible. L Feyx. Part. zhizn' no 17 71-75 S '61

Kryiov, L. I. [Unity and close cooperation of Communist Parties is the most important condition for the victory of communism] Edinstvo i splochennost' kommunisticheskikh partii - vazhneishee uslovie pobedy kommunizma. Moskva, Izd-vo "Znanie," 1961. 45 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 1, Istoriia, no. 14)

Magnificent and imposing plans. Belarus' 18 no. 9 1 S '61.

Majestic program for building communism Vest protivovozd obor no 9 3-7 S '61

Majestic program of the building of communism. Uchet. i fin. v kolkhoz i sovkhoz 18 no 8,2-7 Ag '61

Manifest of man's glorious future Sov. pedag 25 no 8 5-13 Ag '61

Milestones of a remarkable road. A Pol'shchikov. Komm. Vooruzh. Sil 1 no 17-18-21 S '61.

Moskalev, M. A. [How V. I. Lenin worked out the program of the Communist Party] Razrabotka V. I. Leninym programmy Kommunisticheskoi partii. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 175 p.

The most important documents of our party Sots zakon 38 no 9 3-6 S '61.

The nature of the present-day epoch A. Arzumanian Komm Vooruzh Sil 1 no 2 17-25 O '60

On the way to communism. Doshk. vykh. 22 no. 9 1-4 S '61.

On the world system of socialism. V. Terekhov. Nov. vrem. 19 no. 36-4-6 S '61.

Our confident march toward communism. Sots. kul't no. 8 1-3 Ag '61

An outstanding document of our age. NTO 3 no. 9-4-6 S '61.

Party solemnly declares: Present generation of Soviet people will live under communism! Ogonek 39 no. 32-2-3 Ag '61.

People are the makers of history. Kommunist 38 no 14 3-8 S '61

The power of proletarian solidarity. E Romanova. Part zhizn' no. 19 75-77 O '61

Practical application of the laws of social development [with summary in English, p 186] O N Trubitsyn Vop filos. 15 no 9:105-116 '61.

Present generation of Soviet people is going to live under communism! Geog. v shkole 24 no 5:1 S-O '61

Problems in creating the material and technical foundation for communism in the U.S.S.R. T. Khachaturov. Vop. ekon no. 9 3-13 S '61.

Productive forces and production relations during the large-scale building of communism. A Koriagin Komm. Vooruzh. Sil 1 no 2 43-51 Ja '61.

Program for the development of the communist society. K. V. Ostrovitianov. Vest AN SSSR 31 no. 8,3-16 Ag '61.

Program of great accomplishments. Aleksandr Zharov. Sov. profsoiuzy no 17:5-8 S '61

A program of great works. Sov. deput. trud. no. 9-3-9 S '61.

Program of the building of communism. Ekon. sel'khoz. 32 no. 8:3-12 Ag '61

Proposed program of the CPSU as an example of the creative development of Marxism-Leninism P. Gapochka. Komm Ukr. 37 no. 9-17-26 S '61

Role of heavy industry in establishing the material and technical foundation of communism. D. G. TSipoiukha. Trudy SIMSKH no 23.93-104 '60.

Soviet people are discussing the draft program of the Communist Party of the Soviet Union. V. P. Shimanskii and others. Uchet. i fin. v kolkhoz. i sovkhoz. 18 no. 8: 5-8 S '61.

The Soviet people are the builders of communism. V. Cherednichenko. Komm. Vooruzh. Sil 1 no. 6.77-83 D '60.

Special problems concerning the law of the unity and struggle of opposites and its role in a socialist society [with summary in English]. V. IA. El'meev, A. P. Kazakov. Vest LGU 16 no 17-63-73 '61.

Statement of the Conference of Communist and Workers' Parties. Komm. Vooruzh. Sil 1 no. 6-3-31 D '60.

Statement of the Conference of the Representatives of Communist and Workers' Parties. Part. zhizn' [Uzb.] 3 no. 12:3-34 D '60.

Suggested amendments for the proposed program of the CPSU Kommunist 38 no. 14:86-90 S '61.

Theoretical problems of scientific communism in the proposed program of the CPSU. I. Pomelov. Kommunist 38 no. 15:10-23 O '61.

The triumph of Marxism-Leninism. Komm. Vooruzh. Sil 1 no 7:3-9 Ap '61.

The U S S R shows the road to communism IU I rantsev Polit samoobr 5 no 9 16-26 S '61

Under the banner of peace, democracy, and socialism Komm. Vooruzh. Sil 1 no 7 60-70 Ap '61

We are united in our march toward the same goal. E. Ochab Part. zhizn' no 17 70-71 S '61.

We shall hasten the dawn of the bright tomorrow through work Feizulin Abdullaev Sov profsoiuzy no 17 6-7 S '61.

We shall live under communism Znan sila 36 no. 8,1 Ag '61

When did the first phase of communism in the U. S. S. R. begin? I. Georgiev. Polit. samoobr 5 no 9:98-98 S '61.

COMMUNISM—BIBLIOGRAPHY see Bibliography—Communism

COMMUNISM AND LITERATURE

Akademiia nauk SSSR. Institut russkoi literatury. [V. I. Lenin and Literary criticism] V. I. Lenin i voprosy literaturovedeniia. Moskva, 1961. 214 p.

The cause of the party is inspiring. Grigorii Vainanov. Sov. Ukr. 11 no. 9-152-157 S '61.

From heart to heart. Semen Babaevskii. Oktiabr' 35 no. 9 9-10 S '61.

Happiness for all. Afanasii Salynskii. Znamia 31 no. 9:9-10 S '61.

Party spirit and national character are indissoluble. Vop. filos. no. 6:80-90 '57.

A very important part of our national objectives Vest Mosk. un Ser. 7 Filol. zhur 16 no. 5 89-92 S-O '61

Words of the party inspire. Ion K. Chebanu. Znamia 31 no. 9.14-18 S '61.

COMMUNIST COUNTRIES—ART

Akademiia khudozhestv SSSR. Institut teorii i istorii izobrazitel'nykh iskusstv. Sektor zarubezhnogo iskusstva. [Exhibition of art works from socialist countries] Vystavka proizvedenii izobrazitel'nogo iskusstva sotsialisticheskikh stran, Moskva, 1958-1959 [Moskva, Gos. izd-vo izobraz. iskus, 1960] 15 p. plates.
(NN)

COMMUNIST COUNTRIES—ECONOMIC CONDITIONS

Further consolidation of the economic foundation of the world system of socialism. A. Stupov, G. Gerlanovich. Vop. ekon. no. 9-55-65 S '61.

COMMUNIST COUNTRIES—ECONOMIC POLICY

On the world system of socialism. V. Terekhov. Nov. vrem. 19 no. 36-4-6 S '61.

COMMUNIST COUNTRIES—FOREIGN ECONOMIC RELATIONS

Economic relations of socialist countries E. B Alaev, B Z Kononiuk Geog v shkole 24 no 4-30-39 Jl-Ag '61

We are united in our march toward a great goal A. Korneshkin, S Leanevskii Komm Vooruzh Sil 1 no 3 23-29 N '60.

COMMUNIST COUNTRIES—FOREIGN ECONOMIC RELATIONS—RUSSIA

Indissoluble friendship and fraternal cooperation of the U. S. S. R with the people's democracies G I Alakhverdov Izv AN Azerb. SSR Ser. obshchestv. nauk no 4:51-65 '61.

COMMUNIST COUNTRIES—INDUSTRIAL ORGANIZATION

Chirkin, V. E. [Reorganizing industrial management in the people's democracies] Reorganizatsii upravleniia promyshlennost'iu v stranakh narodnoi demokratii. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 101 p.

COMMUNIST COUNTRIES—INDUSTRIES

Industrial production in socialist countries. Vest. stat. no 8 90-96 '61.

COMMUNIST COUNTRIES—RELATIONS (GENERAL) WITH RUSSIA

Russian neologisms during the era of the Great October Revolution in the languages of the countries of the people's democracies. A. M. Rot. Dop. in pov. Uzhgor. Ser. filol. no. 2:108-112 '58

COMMUNIST EDUCATION
(see also subdivision under Baltic States; Tashkent; Ukraine)

Dakaov, N. V. [Influence of the party; notes on the Marxist-Leninist training of commissioned officers] Partiinoe vliianie; zametki o markslstsko-leninskoi podgotovke ofitserov. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 85 p. (V pomoshch' sekretariu partiinoi organizatsii)

Communist Youth Leaguers study Leninism. V. Grebeniuk. Komm. Vooruzh. Sil 1 no. 5 64-67 D '60.

Greatest document of the present times. E. I. Rusanova. Prep. ist v shkole 16 no. 5-3-6 S-O '61.

Institutions of party education prepare for the new school year. Part. zhizn' no. 19 8-12 O '61.

Lenin's idea of communist education of youth. G. S. Prozorov. Uch. zap. Kar. ped. inst. 10;3-16 '61.

Let's improve the ideological training of youth in military schools. Komm. Vooruzh. Sil 1 no. 6:52-54 D '60.

COMMUNIST EDUCATION (Continued)

Life-giving ideas of Lenin's party A. Osipov. Nar obr no 9-106-106 S '61

Moscow. Universitet. Kafedra dialekticheskogo i istoricheskogo materializma gumanitarnykh fakul'tetov. [Communist education] Voprosy kommunisticheskogo vospitaniia, sbornik statei. [Moskva] Izd-vo Mosk. univ., 1961. 177 p.

Political study group is a form of creative work A. Tishchenko. Komm. Vooruzh. Sil 1 no. 6 65-69 Mr '61

Principal problems in the communist education of workers. I. F Matveenkov, A. T. Moskalenko Izv Sib otd AN SSSR no. 7:126-129 '61

"Principles of communist education" Reviewed by V A Velkshan Sov pedag 25 no 8 148-152 Ag '61

Recommended study plan and methodological program for the evening universities of Marxist-Leninism and schools for propagandists. Polit. samoobr. 5 no 9 132-131 S '61.

COMMUNIST ETHICS

[Communism has become a part of our life] Kommunizm vkhodit v nashu zhizn'. Moskva, Gos. izd-vo polit. lit-ry, 1961. 65 p. (Bibliotechka znanii o kommunizme)

Ethical code of the builders of communism. V. Kolbanovskii Kommunist 38 no 15 36-46 O '61

Moral code of the Soviet citizen. Galina Serebriakova. Oktiabr' 38 no. 9:6-8 S '61

On the principal heroes. Petrus' Brovka. Znamia 31 no.9:13-14 S '61.

Some features of the new way of life. P. Eremenko. Komm. Vooruzh. Sil 1 no. 6:45-46 '61

Strukov, E. V. [The people of a communist society] Chelovek kommunisticheskogo obshchestva. Moskva, Gos. izd-vo polit. lit-ry, 1961. 70 p. (Bibliotechka znanii o kommunizme)

This will guide me! R. Pliatt Teatr 22 no 9 5 S '61

COMMUNIST PARTIES

An increase in the membership of Communist and workers' parties Komm Vooruzh. Sil 1 no 6 92-94 Mr '61.

Krylov, L. I. [Unity and close cooperation of Communist Parties is the most important condition for the victory of communism] Edinstvo i splochennost' kommunisticheskikh partii - vazhneishee uslovie pobedy kommunizma. Moskva, Izd-vo "Znanie," 1961. 45 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 1, Istorila, no. 14)

Vanguard of the revolutionary movement. S. P. Novoselov. Vop ist. KPSS 5 no. 5 120-143 '61.

COMMUNIST PARTY see subdivision under China; Czechoslovakia; Europe, Eastern; France, Georgia, Greece; India, Indonesia; Italy; Korea, North; Morocco, United States

COMMUNIST PARTY IN LITERATURE—BIBLIOGRAPHY see Bibliography—Communist Party in literature

COMMUNIST PARTY OF THE SOVIET UNION

(see also subdivision under Ossetia; Ryazan Province; Sukhoy Log)

Abundance. IAn Oals. Teatr 22 no. 9:6 S '61.

Alekseev, A. G. [The CPSU is the vanguard of the international communist movement] KPSS - peredovoi otriad mirovogo kommunisticheskogo dvizhenila. Leningrad, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, 1961. 75 p.

Apropos of a remark. A. Chugunov. Komm. Vooruzh. Sil 1 no. 5:74-75 D '60.

Based on the Leninist rules of party life. Part. zhizn' no. 16, 3-8 S '61.

The CPSU and the mass organizations of workers during the large-scale building of communism. V. M. Shapko Vop. ist KPSS 5 no. 5, 225-228 '61.

The CPSU is the vanguard of the Soviet people S. L. Titorenko. Vop. ist KPSS 5 no 5 20-37 '61.

Changes in the structure of the party organizations of the Soviet Army and Navy. Komm. Vooruzh. Sil 1 no 2:79-80 O '60.

Collegiate principle is the most important condition for good leadership. A. Vodolazskii. Part. zhizn' no. 18, 37-39 S '61.

Development of communism is the work of the people, their energy and their intelligence. L. Chuprakova and others. Nar. obr. no. 9, 8-16 S '61.

Expand the role of party conferences. V. Khomiakov. Part. zhizn' no 19:48-49 O '61.

Follow-up of articles published in our periodical. Komm. Vooruzh. Sil 1 no. 4:90 F '61.

Follow-up of articles published in our periodical. Komm. Vooruzh. Sil 1 no. 7:96 Ap '61.

For idealist Aleksandr Shtein. Teatr 22 no. 9:7-8 S '61.

From the practical point of view. A. Gribov. Part. zhizn' no. 18:42 S '61.

General approval. I. Titov. Part. zhizn' no. 17:56-59 S '61.

Great demands. A. Abramova. Part. zhizn' no 19:50-51 O '61.

Great program for the people's happiness. Ark. Vasil'ev. Moskva 5 no. 8:3-7 '61.

How to guide a group studying the themes "Early phase of the labor movement and the dissemination of Marxist ideas in Russia from 1883 to 1894" and "History of the CPSU in the carrying out of Marxist-Leninist ideas" N. Shatnin Komm Vooruzh. Sil 1 no 6 83-87 D '60

How to manage party archieves in the party organizations of the "workshop type?" Komm Vooruzh Sil 1 no 7: 86-87 Ap '61

How to manage party records and to register the Communists in local party organizations Komm Vooruzh Sil 1 no. 6 88-90 D '60

I am against the practice of cooptation. P. Shamshura. Part. zhizn' no. 18, 44 S '61.

I approve these amendments. A Temnov Part. zhizn' no. 17 46-49 S '61

Increased influence of the CPSU during the large-scale building of communism, a brief outline of a lecture or a study group session N Kirnev, V. Aleksandrov Komm Vooruzh Sil 1 no 2 47-50 O '60

Isn't it time to do away with secret voting? F. Dubkov. Part zhizn' no 17 49-50 S '61.

It came from the requirements of practical work. A Kashnev Part. zhizn' no 17 46-47 S '61.

It proves the successful development of party democracy. L. Žečius. Part. zhizn' no. 17:45-46 S '61

Katorgin, I. I. [Postwar struggle of the Communist Party for the reconstruction and development of the national economy from 1945 to 1953] Bor'ba Kommunisticheskoi partii za vosstanovlenie i razvitie narodnogo khoziaistva v poslevoennye gody, 1945-1953 gg. Izd. 2. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 94 p. (Tema XVI)

Khromov, S. S. [How the CPSU struggled to carry out the decisions of the 20th Congress of the Communist Party; 1956-1958] Bor'ba KPSS za pretvorenie v zhizn' reshenii XX s"ezda partii; 1956-1958 gg. Otv. red. N. S. Shevisov. [Moskva] Izd-vo Mosk. univ., 1961. 104 p.

The Leninist rules of party life and the principles of party leadership I. Slepov. Komm Vooruzh. Sil 1 no. 2, 51-58 Ja '61

Let's effectively teach and educate the secretaries of party organizations. I. Mednikov. Komm Vooruzh Sil 1 no. 3, 30-34 F '61

Let's efficiently conduct the campaign of reports and elections to party organizations Komm Vooruzh Sil 1 no 3, 3-8 N '60

Let's enhance the responsibility of party committees for the misbehavior of party members A Sourinitsyn Part zhizn' no 19 51 O '61

Let's expand the role of party commissions. G. Papka. Part. zhizn' no. 17 51 S '61.

Let's inform all soldiers about the proposed program and statutes of the CPSU. Komm. Vooruzh. Sil 1 no 17 11-12 S '61

The members of bureaux and party committees. V. Krasnov. Part. zhizn' no. 18 41 S '61.

Militant vanguard of the Soviet people. Komm Ukr. 37 no 9 3-10 S '61.

New program of the CPSU is the greatest event of the present time. Ogonek 39 no. 32 4 Ag '61.

The party and the masses. E. Bugaev. Part. zhizn' no.17 10-18 S '61.

The party committees of military units. Komm. Vooruzh. Sil 1 no. 6:2-8 Mr '61.

Party groups at the place of party members' residence. V. Radchenko. Part zhizn' no 19:53 O '61.

Party officials should be acquainted with the work of industrial enterprises. P. Pisanko Part. zhizn' no. 19 52-53 O '61.

Political organs and the party and Communist Youth League organizations of the Soviet Army and Navy. V. Korshunov. Komm. Vooruzh. Sil 1 no. 5 76-83 D '60.

A powerful organizational weapon of the Communist Party. Komm. Vooruzh. Sil 1 no. 17, 3-10 S '61.

The problem of "full-time" secretaries. G. Rybachenok. Part. zhizn' no. 17 50-51 S '61.

Prototype of the future for all peoples. Friedl Fuernberg. Ogonek 39 no. 34 5 Ag '61.

Remarks and suggestions. Part. zhizn' no. 18:44-46 S '61.

Remarks and suggestions. Part. zhizn' no. 19:54-55 O '61.

Role of the party during the large-scale building of communism. V. Orlov. Komm Ukr. 37 no. 9:79-88 S '61.

Should we organize party groups of "workshop-type" party organizations in battalion headquarters? Komm. Vooruzh. Sil 1 no. 5 84-86 D '60.

Should we organize party organizations at the offices of house managers and no other place? A. IAkovlev. Part. zhizn' no. 17:52 S '61.

Significant and patriotic task. Firs Shishigin Teatr 22 no 9 3-5 S '61

Some problems relating to the registration of party members. Komm Vooruzh. Sil 1 no. 4-81-83 N '60.

Spring of mankind. V. Mezentsev. Izobr. i rats. no. 9 1-2 S '61.

Statutes of the local organizations of the Russian Communist Party (Bolshevik) in 1918 and 1919. M. L. Kirshin. Vop ist. KPSS 5 no 5 103-114 '61

The structure of party organizations should be flexible A Nenakhov Part zhizn' no 19 51-52 O '61

Suggested amendments for the proposed statutes of the CPSU. Kommunist 38 no. 14 91-92 S '61

There should be some new members in newly-elected party bureaux R Parshukov Part zhizn' no. 17 51-52 S '61

Three programs. Ogonek 39 no. 32:5 Ag '61.

A violation of intraparty democracy I. Barankin, V. Mikhailov. Komm Vooruzh Sil 1 no 4 69-70 F '61.

We are the builders of communism. A. Maslennikova. Part. zhizn' no. 18 49-50 S '61.

We shall establish communism and we shall live under communism. Sov. shakht. 10 no. 8:3-6 Ag '61

What are the results of the first report and election conferences of the party? A Khotochkin Komm. Vooruzh. Sil 1 no. 5 33-36 D '60

And what have you done, comrade? Sergei Baruzdin. Moskva 5 no. 8 8-10 '61.

What is the legal status of the Communists who are temporarily registered with a party committee? Komm. Vooruzh. Sil 1 no. 2 88-89 Ja '61.

What is the type of party organizations in the military units which are directed by the commanding officer of a regiment himself? Komm Vooruzh Sil 1 no 3 85 F '61.

When a party meeting is legally competent to transact business? Part. zhizn' no. 17, 55-56 S '61.

Why they didn't vote for Comrade Dadakhanov? A. Zhukov. Part. zhizn' [Uzb.] 3 no. 12:84-87 D '60.

COMMUNIST PARTY OF THE SOVIET UNION—BIBLIOGRAPHY see Bibliography—Communist Party of the Soviet Union

COMMUNIST PARTY OF THE SOVIET UNION—CONGRESSES

A congress of the builders of communism. Kommunist 38 no 15, 3-9 O '61

Correct line. Viktor Poltoratskii. Oktiabr' 38 no. 9: 3-5 S '61.

Decision of the plenary session of the Central Committee of the CPSU of January 10, 1961 on the convocation of the 22d Congress of the CPSU. Komm Vooruzh Sil 1 no. 3 3 F '61.

Lenin and party congresses. A. Sidorov, G Shitarev. Kommunist 38 no 15, 92-101 O '61.

Peace, work, freedom, equality, and happiness. Nik. Ravich. Oktiabr' 38 no 9:11-13 S '61

Present generation of Soviet people will live under communism. Sov. torg 34 no. 8:3-6 Ag '61

Theaters greet the 22d Congress of the CPSU. E Evgenov, A Shvedov. Teatr 22 no 9 146-148 S '61.

Toward the Congress Grazhd. av 18 no 7:2 of cover Jl '61

COMMUNIST PARTY OF THE SOVIET UNION—MEMBERSHIP

Admission into the party of young people. D Prasolov. Part. zhizn' no 19 49-50 O '61.

Candidates for membership in the party. Komm. Vooruzh. Sil 1 no. 3:83-87 N '60.

The computation of party membership dues after the introduction of the new scale of prices. Part zhizn' [Uzb] 3 no. 12:88 D '60

The high calling of party members. V. Bazovskii. Part. zhizn' no. 17:31-36 S '61.

History of the party card. M. V Steshova, T. V. Shepeleva, G. F. Ilidin. Vop. ist KPSS 5 no. 5 144-153 '61.

If you recommend somebody you must know him well. N. Derzhavin. Part. zhizn' no. 18 43-44 S '61.

A man enters the Party. S Riazanov, G. Cubarev. Grazhd av 18 no 7 7 Jl '61

References required from the members of the Communist Youth League who apply for admission to the party Komm Vooruzh. Sil 1 no. 4, 79-81 N '60.

We admit the best workers into the party. L. Mokrinskii. Part zhizn' [Uzb.] 3 no. 12 69-71 D '60.

We should take into account the opinion of nonparty workers V Darakhchi

COMMUNIST PARTY OF THE SOVIET UNION – PARTY WORK (Continued)

follow-up of materials published in "Partiinaia zhizn'." Part. zhizn' no. 18, 78 S '61.

Forms of the political information of workers and employees. Komm. Vooruzh. Sil 1 no. 2 80-82 O '60.

Give more attention to temporary instructors. I. Romanov. Part. zhizn' no. 17 51-55 S '61.

[Great power; some forms and methods of mass-political work in industrial enterprises] Velikaia sila, o nekotorykh formakh i metodakh massovo-politicheskoi raboty na promyshlennykh predpriiatiiakh. Sbornik statei. Moskva, Gos. izd-vo polit. lit-ry, 1956. 149 p. (Iz opyta raboty partiinykh organizatsii)

Let's admit into the party only the best workers. V. Khokhlov. Part. zhizn' no. 17 52-53 S '61.

Let's combine lectures with talks. F. Ilkin. Polit. samoobr. 5 no. 9 127 S '61.

Let's enhance the role of local party organizations in industrial management. Part. zhizn' [Uzb.] 3 no. 12 45-50 D '60.

Life-giving ideas of Lenin's party. A. Osipov. Nar. obr. no. 9 106-108 S '61.

Mezentsev, S. P. [Party and the creative initiative of the masses] Partiia i tvorcheskaia initsiativa mass. Moskva, Izd-vo "Znanie," 1961. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 1, Istoriia, no. 15)

A new and promising opportunity. IA. Sterkin. Polit. samoobr. 5 no. 9 120-122 S '61.

Our methodological consultation. S. Gusev. Polit. samoobr. 5 no. 9 122-126 S '61.

A party committee tries to carry out the mandates of Communists. T. Mirkhaitov. Part. zhizn' [Uzb.] 3 no. 12 72-74 D '60.

Party news. Part. zhizn' no. 17 79-80 S '61.

Party news. Part. zhizn' no. 18 79-80 S '61.

Party news. Part. zhizn' no. 19 79-80 O '61.

A propagandist's thoughts. I. Rotin. Polit. samoobr. 5 no. 9 115-120 S '61.

Some suggestions concerning local party organizations. I. Zaitsev. Part. zhizn' no. 18 40-41 S '61.

The strength of Soviet trade unions is in the party leadership. P. Demichev. Sov. profsoiuzy 17 no. 18 5-8 S '61.

Studies and practical work. E. Ostapushchenko. Part. zhizn' no. 18 61-64 S '61.

The system of party and state control. I. Bolhasnyi. Kommunist 38 no. 15 80-91 O '61.

Useful lesson. D. Shvartsman. Polit. samoobr. 5 no. 9 129 S '61.

Vital activity of Communists. V. Zuev. Grazhd. av. 18 no. 8 5-7 Ag '61.

Vladimirtsev, V. S. [Increased role of the party in the building of communism] *Vozrastanie roli partii v stroitel'stve kommunizma.* Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 80 p.

We should master the art of popularization. K. Ivanov. Polit. samoobr. 5 no. 9 128 S '61.

We should promote criticism in every possible way. S. Kapustin. Kommunist 38 no. 14 84-86 S '61.

We should strictly control the execution of the decisions of party organizations and governmental agencies. G. Khachaturov. Part. zhizn' no. 18 42-43 S '61.

We should try to animate the life of local organizations. V. Parfent'ev. Part. zhizn' no. 17 47-48 S '61.

Work with propagandists should contribute to the solution of present-day problems. V. Kovalev. Komm. Ukr. 37 no. 9 62-69 S '61.

COMMUNIST REVISIONISM

...ic against revisionism ...zh. Sil 1 no. 6 9-19 Mr

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COMMUNIST YOUTH LEAGUE
(see also subdivision under Kirovograd Province, Transcaucasia, Ukraine)

Didusenko, A. A., K. N. Nikiforova, and A. P. Skrypnik. [If you are a member of the Communist Youth League] Esli imia tebe - komsomolets. Moskva, Izd-vo "Znanie," 1961. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 10, Molodezhnaia, no. 16)

[For the Communist Youth League team of the seven-year plan] Za komsomol'skii sostav semiletki; pochin komsomol'tsev Kuzbassa. [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1960. 98 p.

How should we evaluate the work of Communist Youth League bureaux? Komm. Vooruzh. Sil 1 no. 5 85-87 D '60.

How to prepare for the meetings of the Communist Youth League bureaux and to lead their discussions. Komm. Vooruzh. Sil 1 no. 2 82-83 O '60.

Important event in the life of the Communist Youth League members of the armed forces. Vest. protivovozd. obor. no. 9 7-10 Ag '61.

Lenin, V. I. [Objectives of the youth leagues; a speech delivered at the Third All-Russian Congress of the Russian Communist Youth League, October 2, 1920] Zadachi soiuzov molodezhi, rech' na III Vserossiiskom s"ezde Rossiiskogo kommunisticheskogo soiuza molodezhi 2 oktiabria 1920 g. [Moskva] "Molodaia gvardiia," 1960. 61 p. (NNC)

Let's always adhere to principles. A. Lizichev. Komm. Vooruzh. Sil 1 no. 2 67-70 O '60.

New instructions for Communist Youth League organizations. A. Makridin, V. Khalipov. Komm. Vooruzh. Sil. 1 no. 17 78-83 S '61.

Officials of the Communist Youth League are the organizers and educators of young servicemen. V. Kuznetsov, V. Khalipov. Komm. Vooruzh. Sil 1 no. 4 31-35 N '60.

The party should efficiently guide the report and election conferences of the Communist Youth League. Komm. Vooruzh. Sil 1 no. 6 32-37 D '60.

Pay more attention to the education of youth. A. Dringin. Tyl i snab. Sov. Voor. Sil 21 no. 7 7-12 Jl '61.

[Proved by life; some interesting forms of work in the Communist Youth League] Opravdannoe zhiznitiu, ob interesnykh formakh raboty v komsomole. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 415 p.

References required from the members of the Communist Youth League who apply for admission to the party. Komm. Vooruzh. Sil 1 no. 4 79-81 N '60.

Secretaries should rely upon activists. P. Mel'nik. Komm. Vooruzh. Sil 1 no. 3 65-67 N '60.

Should we apportion the duties among the members of Communist Youth League committees and bureaux? Komm. Vooruzh. Sil 1 no. 2 87-88 Ja '61.

Training the activist group of the Communist Youth League. N. Borovkov. Prof.-tekh. obr. 18 no. 5-24 My '61.

We have begun the political education of Communist Youth League activists. V. Mal'kov. Komm. Vooruzh. Sil 1 no. 2 73-74 Ja '61.

COMMUNISTS

The Communists are noted for their adherence to principles. M. Zimenkov. Komm. Vooruzh. Sil 1 no. 7 40-46 Ap '61.

COMMUNISTS—BIBLIOGRAPHY see Bibliography—Communists

COMMUNITY AND SCHOOL
(see also subdivision under Leningrad, Moscow, Smolensk; Sverdlovsk Province, Ukraine)

Yes, they should be taught too! A. Nikitin. Sem'ia i shkola 18 no. 8:25 Ag '61.

COMMUNITY CENTERS
(see also subdivision under Chelyabinsk Province, Khorol District; Moscow; Moscow Province; Novgorod Province, Pologi District, Telets, Tosno)

This is most important in educational work. P. Babenko and others. Sov. profsoiuzy 17 *no. 18-21 S '61.*

Thousands of new clubs! N. Fedorov, V. Malinin, A. Egorkin. Sov. profsoiuzy no. 17:29 S '61.

COMMUNITY LIFE see subdivision under Moscow

COMMUTATION (ELECTRICITY)

Distribution of the potential on the collector and its effect on the commutation. O. P. Siderov. Vest. elektroprom. 32 no. 9 34-35 S '61.

COMMUTATIVE GROUPS see Abelian groups

COMPASS see subdivision under China

COMPETITION, INTERNATIONAL

Economic competition between the German Democratic Republic and the German Federal Republic as a part of the competition of two world systems [with summary in English]. D. S. Korchunova. Vest. LGU 16 no. 17 38-49 '61.

Tikhonov, I. A. [Main economic problem of the U. S. S. R.] Osnovnaia ekonomicheskaia zadacha SSSR. Pod obshchei red. F. V. Nosova. [Leningrad] Lenizdat, 1960. 53 p. (Besedy na politicheskie temy)

The 21st Congress of the CPSU and problems of economic competition between socialism and capitalism. G. N. Stukalov. Uch. zap. Kish. un. Mezhvuz. sbor. po polit. ekon. no. 1 109-120 '60.

COMPLEX COMPOUNDS

Complexes of polyacrylein with salts of heavy metals. M. M. Koton and others. Dokl. AN SSSR 139 no. 6 1372-1374 Ag '61.

Determining the instability constants of complex compounds from oxidation-reduction potentials. Report No. 2: Complex compounds of zinc with thiourea. T. V. Kramareva, V. M. Shul'man. Izv. Sib. otd. AN SSSR no. 8:68-77 '61.

Determining the instability constants of complex compounds from the oxidation-reduction potentials. V. M. Shul'man, T. V. Kramareva. Izv. Sib. otd. AN SSSR no. 7 55-65 '61.

Ionic exchange of complex compounds in mixed media. S. IU. Elovich, L. G. Tonkonog. Zhur. neorg. khim. 6 no. 8 1795-1800 Ag '61.

Liquid extraction of complex cyanide compounds of gold and silver from alkaline solutions. B. N. Laskorin, I. N. Plaksin. Dokl. AN SSSR 139 no. 5 1170-1172 Ag '61.

Principle of additivity and the series of cationic effect. F. IA. Kul'ba, V. E. Mironov, L. B. Khvastova. Zhur. neorg. khim. 6 no. 8 1861-1864 Ag '61.

Reaction of β-hydroxynaphthaldehyde-α-aminopyridine with certain bivalent cations. S. I. Gusev and others. Zhur. neorg. khim. 6 no. 8 1875-1880 Ag '61.

Use of J—V curves in the comparative stability characteristics of complexes [with summary in English]. A. M. Holub, H. M. Kylymnyk. Dop. AN URSR no. 7 932-934 '61.

COMPLEX COMPOUNDS—MAGNETIC PROPERTIES

Magnetic susceptibility of inner complex compounds of vanadyl with tridentate ligands. V. V. Zelentsov. Dokl. AN SSSR 139 no. 5 1110-1111 Ag '61.

COMPLEX IONS

Problem of the existence of a trivalent aquoion of gold. A. A. Bezzubenko, B. I. Peshchevitskii. Izv. Sib. otd. AN SSSR no. 8:62-67 '61.

COMPLICATION EXPERIMENTS (PSYCHOLOGY)

Internal language research by the method of the central speech inhibitions. N. I. Zhinkin. Izv. APN no. 113 111-148 '60.

COMPOSERS

Adigezalova, L. L. [Recipients of Lenin Prizes are the Soviet composers D. Shostakovich, S. Prokof'ev, A. Khachaturian, and V. Solov'ev-Sedoi] Sovetskie kompozitory - laureaty Leninskoi premii D. Shostakovich, S. Prokof'ev, A. Khachaturian, V. Solov'ev-Sedoi. Leningrad, O-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, 1961. 54 p.

COMPOSERS—CORRESPONDENCE, REMINISCENCES, ETC.

Prokof'ev, S. S. [Materials, documents, reminiscences] Materialy, dokumenty, vospominaniia. Izd. 2., dop. Moskva, Gos. muzykal'noe izd-vo, 1961. 707 p.

COMPOSING-MACHINES see Typesetting machines

COMPOSITION (PRINTING) see Typesetting

COMPOUND E see Cortisone

COMPREHENSION

Substance of the psychological conception of comprehension. B. A. Tiabin. Uch. zap. Kar. ped. inst. 10:103-113 '60.

COMPRESSORS

Designing intermediate connectors for large horizontal compressors. V. D. Lubenets, L. V. Myshlianov. [Trudy] MVTU no. 95:85-94 '60.

Determination of mechanical losses in rotary vacuum pumps and compressors and stress analysis of blades. V. D. Lubenets. [Trudy] MVTU no. 95:49-76 '60.

Increase of the operational range of a centrifugal compressor. G. I. Ivanov, V. G. Perfilov. Energomashinostroenie 7 no. 5 36-38 My '61.

Nazarenko, U. P. [Economy in the use of electricity in compressor plants] Ekonomiia elektroenergii v kompressornykh ustanovkakh. Moskva, Gos. energ. izd-vo, 1961. 79 p. (Za ekonomiiu elektricheskoi i teplovoi energii)

Parametric series of low-capacity centrifugal compressors. Khim. mash. no. 4:14 Jl-Ag '61.

Review of the "Study of the elements of steam turbines, gas turbines, and axial compressors" of the Leningrad Metallurgical Plant (Studies, no. 6). S. F. Abrainovich and others. Energomashinostroenie 7 no. 5 41-46 My '61.

Securing the interchangeability of basic parts and units of piston compressors. V. G. Kalitenko. Vzaim. i tekh. izm. v mashinostr., mezhvuz. sbor. no. 3:26-65 '61.

Shape of the duct of the running wheel of a centrifugal compressor. A. D. Konovalov. [Trudy] MVTU no. 93: 77-84 '60.

COMPRESSORS (Continued)
Strength calculation of the coupling of rods and cross-heads. E. I. Mironov [Trudy] MVTU no 95 96-104 '60.
Zakharenko, S. E., ed. [Piston compressors] Porshnevye kompressory. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 454 p.

COMPROMISE (LAW)
Compromise reached in appelate courts O Stepanova Sots zakon 38 no 9 49-52 S '61

COMTE, AUGUSTE, 1798-1857
Philosophical ideas of Auguste Comte. A. L. Subbotin. Vop. filos. no. 6 72-79 '57.

CONCEPTS
Correlation between definition and the substance of a concept [with summary in English] V N Sagatovskii Vest LGU 16 no 17 85-91 '61

CONCRETE
(See also subdivision under Great Britain)
Economic comparisons of concrete formulas are necessary M Leshchinskii, A Litvin Ekon stroi no 8 68-70 Ag '61
Efficient method of activating a slag concrete mix K A Oleinikovich, F. V. Chuprunenko Stroi mat 7 no 8 38-39 Ag '61
Experimental setup to determine the cohesive force between concrete and the walls of a well, taking temperature and pressure into account M A Abdinov Izv AN Azerb. SSR Ser fiz-mat i tekh nauk no 6 155-158 '60
New means of making waterproof underlayers K Shkerbelis Zhil stroi. no 7 16 Jl '61
Study of concretes made of cements containing alkali and aggregates with active silica I. F. Ponomarev, R. D. Azelitskaia. Bet i zhel-bet no 8 370-373 Ag '61

CONCRETE—BIBLIOGRAPHY see Bibliography—Concrete

CONCRETE—CONGRESSES
Conference on introducing concreteless concretes Stroitel' no 7 31 Jl '61.

CONCRETE—CORROSION see subdivision under Golodnaya Steppe

CONCRETE, AIR-ENTRAINED see Air-entrained concrete

CONCRETE, LIGHTWEIGHT see Lightweight concrete

CONCRETE, PRECAST see Precast concrete

CONCRETE, PRESTRESSED see Prestressed concrete

CONCRETE, REINFORCED see Reinforced concrete

CONCRETE BLOCKS see subdivision under White Russia

CONCRETE BRIDGES see Bridges, Concrete

CONCRETE CONSTRUCTION
Kurochkin, S. N. [Use of underwater concreting in harbor hydraulic engineering] Primenenie podvodnogo betonirovaniia v portovom gidrotekhnicheskom stroitel'stve. Moskva, Izd-vo "Morskoi transport," 1961. 48 p. [MICROFILM]

CONCRETE CONSTRUCTION—FORMWORK
Akademiia stroitel'stva i arkhitektury, SSSR, Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Standard technical tables for assembling, raising with hydraulic jacks, and disassembling the metal moveable (sliding) formwork of silo frames for round silos with a diameter of 6 m.] Tipovye tekhnologicheskie karty na proizvodstvo rabot po montazhu, pod'emu gidrodomkratami i demontazhu metallicheskoi podvizhnoi (skol'ziashchei) opalubki silosnykh korpusov s kruglymi silosami diametrom 6 m; na osnove opyta stroitel'stva zernovykh elevatorov. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 43 p.
Device for sealing joints. I. Khersonskii. Stroi. i arkhit. 8 no. 7:35 Jl '61.
Technique of erecting silos with sliding formwork. A A. Stukenov. Mont. i spets rab. v stroi. 23 no 8 22-26 Ag '61.

CONCRETE PIPE see Pipe, Concrete

CONCRETE PLANTS
Limit the noise at reinforced concrete product plants. M. Elizarov, S. Kovrigin, G. Osipov. Stroitel' no. 7: 26-28 Jl '61.

CONCRETE REINFORCEMENT
(see also subdivision under Sterlitamak)
Automatic stress regulator for reinforcement. V. L. Pan'kov, F. G. Khaime. Bet. i zhel.-bet no 8:369-370 Ag '61.
Concrete reinforced with cables. I. Gaklin. Na stroi. Ros. no. 7:11-12 Jl '61.
Poured reinforcing frames O. S. Ratnus. Izv vys. ucheb. zav., stroi. i arkhit 4 no 4-77-82 '61.
Synthesis of types of glass for glass-reinforced concrete. N. N. Ermolenko, IU. V. Kondrat'eva. Sbor. nauch. rab. Inst. bud. i arkhit. AN BSSR no. 4:24-30 '60.
Thermoelectric heating of reinforcement for prestressed concrete elements D N Malinskii Stroi truboprov 6 no 7 6-8 Jl '61
Using glass fibers as reinforcement in glass-reinforced concrete elements. N. P. Frolov, IU V Degtiar' Sbor nauch rab Inst bud i arkhit AN BSSR no 4 16-29 '60.

CONCRETE REINFORCEMENT—EQUIPMENT AND SUPPLIES
Clamping device for stretching wire. Sel'. stroi 16 no 7 27 Jl '61

CONCRETE REINFORCEMENT—STORAGE
Mechanization at lumber and reinforcing-steel storage points E Bogushevich Stroitel' no 8 14, 19-23 Ag '61

CONCRETE ROOFING see Roofing, Concrete

CONCRETE SLABS
Creep of a concrete slab at high temperature M A Zadoinn Izv AN SSSR Otd tekh nauk Mekh i mashinostr. no 1:130-135 Jl-Ag '61
Functional characteristics of one-layer slabs with a span of 6 m made of cellular autoclaved concretes Biul. stroi tekh. 18 no 7 13-14 Jl '61
Room-size channel slab. I. Gostomel'skii, V Frolov, A Iatsenko. Stroi. i arkhit. 9 no 7-37 Jl '61.
Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. Otdel stroitel'nykh materialov i konstruktsii. [Techniques for the manufacture of reinforced-concrete parts for series 1-335 large-panel houses] Tekhnologiia izgotovleniia zhelezobetonnykh detalei krupnopanel'nykh domov serii 1-335. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 1 v illus.
Unit for molding slabs. I. Turutin. Stroitel' no. 7 14 Jl '61

CONDENSATE OIL WELLS see subdivision under Apsheron Peninsula, Kaundag region

CONDENSATION
Condensation of water vapor to the solid state in a rarefied medium. K. P Shumskii Zhur. tekh fiz 31 no. 8 991-1000 Ag '61.

CONDENSERS (STEAM)
Condenser for obtaining distilled water from industrial steam A M Fokin. Sbor. rats predl vnedr. v proizv no 5.55 '60
Development of designs of steam-turbine condensers. L. D. Berman Teploenergetika 8 no. 9 76-83 S '61
Redesigning of the 24-K-5 condenser IA. IA. Goleshvili. Energetik 9 no. 4:7-10 Ap '61

CONDITIONED RESPONSE
Differentiation of rhythmic sound stimuli by freely moving animals [with summary in English] V I Syrenskii Biul eksp. biol. i med 51 no 4 17-21 Ap '61

CONDUCT OF LIFE
[Communism has become a part of our life] Kommunizm vkhodit v nashu zhizn'. Moskva, Gos. izd-vo polit. lit-ry, 1961. 85 p. (Bibliotechka znanii o kommunizme)
Measure of exactingness and trust. . Kozliak, Ogonek 39 no. 39 2-3 S '61.
Roads and paths. V. Rudim. Ogonek 39 no 26-24 Je '61.
Strukov, E. V. [The people of a communist society] Chelovek kommunisticheskogo obshchestva. Moskva, Gos. izd-vo polit. lit-ry, 1961. 70 p. (Bibliotechka znanii o kommunizme)

CONDUCTOMETRIC ANALYSIS
Possibilities for the use of high-frequency conductometric method in studying saturation O. D. Kurilenko, R. I. Sukhomlin. Izv. vys. uchebn. zav., pishch tekh no. 4 142-145 '61

CONFECTIONERY
Confectioneries. P. Sysoev. Obshchestv. pit. no. 7:20 Jl '61.

CONFECTIONERY—EQUIPMENT AND SUPPLIES
Trays for confectionery. M. Pavlova. Obshchestv. pit. no. 6:37 Je '61.

CONFLICT OF LAWS
Boguslavskii, M. M., and A. A. Rubanov. [Legal status of Soviet citizens in foreign countries] Pravovoe polozhenie sovetskikh grazhdan za granitsei. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1961. 110 p.

CONFORMAL MAPPING
Application of conformal mapping to the simplest problems of the propagation of waves in inhomogeneous media. V. I. Ivanov. Zhur. vych. mat. i mat fiz 1 no. 2:246-254 Mr-Ap '61.
Approximate method of conformal mapping. A. P. Potemkin. Zhur. vych. mat. i mat. fiz 1 no. 4:728-733 Jl-Ag '61.
Solution of the problems of thermal conduction and thermal elasticity for a cylinder of multiply connected cross section [with summary in English] V I. Makhovikov Inzh.-fiz. zhur. 4 no. 8:99-106 Ag '61.
Variation method in conformal mapping. S. A. Gel'fer. Izv. AN Arm. SSR. Ser fiz-mat. nauk 14 no 3 17-24 '61.

CONGO, REPUBLIC OF—POLITICS AND GOVERNMENT
Volodin, L. D., and O. L. Orestov. [Trying times of the Congo, political report] Trudnye dni Kongo; politicheskii reportazh. Moskva, Gos. izd-vo polit. lit-ry, 1961. 100 p.

CONGRUENCES AND RESIDUES
Summation of certain series by means of the theory of residues A A Goldberg, M V Shvalagin Ukr mat zhur 13 no 2,217-220 '61

CONIFERAE, FOSSIL see subdivision under Kura-Tsitse region,

CONJUNCTIVA—TUMORS
Tumor-like hyperplastic processes in the conjunctiva [with summary in English] I. F. Lavrova, Arkh pat 21 no 10 3-7 '59

CONJURING
Famous tricks. D. Chitoshvili. Ogonek 39 no. 39, 30-31 S '61.

CONNECTING RODS
Linearly enveloping connecting-rod curves for mechanisms with one forward pair I. I Artobolevskii Dokl AN SSSR 139 no 5 1077-1080 Ag '61
Linearly enveloping piston rod curves for a four-membered ellipsograph. I. I. Artobolevskii. Dokl AN SSSR 139 no 6 1335-1338 Ag '61.

CONNECTIVE TISSUES
Histochemical examination of cell nuclei from the alveolar connective tissue under the influence of ultrasonics in experiments on white rats [with summary in English] A P Speranskii, I L. Martsevladze Biul eksp biol i med 51 no 5 101-103 My '61.

CONNOLLY, JAMES, 1870-1916
"The life and times of James Connolly" [in English] by C Desmond Greaves. Reviewed by L. Sedin. Nov. vrem. 19 no. 36 29-31 S '61.

CONSERVATION OF SOIL see Soil conservation

CONSTRUCTION INDUSTRY
(see also subdivision under Armenia, Bashkiria; Cuba, Kharkov Province, Krasnodar Territory; Leningrad, Lithuania, Moscow, Pavlodar, Poland, Ryazan, Ukraine; Virgin Territory, White Russia)
All-Union Builder's Day Stroi i dor mash. 6 no 8 3 Ag '61.
Builder's Day. Gidr. i stroi. 31 no. 8 1-4 Ag '61.
Builder's Day Mont i spets rab v stroi 23 no. 8 1-3 Ag '61.
Builder's Day. Na stroi Ros no. 7:1 Jl '61
Do you know that... Sel' stroi. 16 no 7 31 Jl '61.
Follow the course of the best workers. M Barshanov Stroitel' no 8 26-28 Ag '61
Holiday in honor of Soviet construction workers Zhil stroi. no 8 1 Ag '61
In celebration of the 22d Congress of the CPSU. Sel'. stroi 16 no. 7 3 Jl '61.
In the Academy of Construction and Architecture of the U.S.S.R. Biul stroi. tekh. 18 no 7,41-44 Jl '61.
In the Building Organization, Mechanization, and Technical Assistance Research Institute. Biul stroi tekh 18 no. 8:34-36 Ag '61
In the Office of State Construction of the R.S.F.S.R. Biul. stroi. tekh. 18 no 8:26-27 Ag '61.
In the Office of State Construction of the R.S.F.S.R. Na stroi. Ros. no. 7 38 Jl '61.
In the Office of State Construction of the U.S.S.R. Biul stroi. tekh. 18 no 7:39-40 Jl '61.
In the Offices of State Construction of the Republics. Biul stroi tekh. 18 no. 7:40 Jl '61.
Increase the rate of construction and repair operations. Ekon. stroi. no 8:71-3 of cover Ag '61
Instructions for determining the economic effect of new techniques in construction. Biul stroitekh. 18 no 8: 8-9 Ag '61.
Our Soviet construction workers' contributions to the country Stroitel' no 8 1-2 Ag '61.
Students help village construction. Sel'. stroi. 16 no 7: 30 Jl '61.
"To help the rural builder" by P. Zorin, N. Krylov, P. Martynov Reviewed by I. Beschinskii. Sel'. stroi. 16 no. 7 31 Jl '61
Using standard plans in construction. Biul. stroi. tekh. 18 no. 8:3-7 Ag '61

CONSTRUCTION INDUSTRY—ACCOUNTING
(see also subdivision under Odessa Province)
Answers to problems concerning the economics of construction. Ekon. stroi. no. 8:67-68 Ag '61
Intercollective-farm cooperatives need a uniform accounts plan. B. G. Mednikov Uchet i fin. v kolkhoz. i sovkhoz 18 no. 8:15-17 Ag '61

CONSTRUCTION INDUSTRY – ACCOUNTING (Continued)

Problems in setting estimated norms Ekon. stroi. no 8:66-67 Ag '61

Piotopopov, S. N. [Accounting for reconstruction works] Uchet vosstanovitel'nykh rabot. Pod red. S. K. Tatura Moskva, Gos. fin. izd-vo, 1960. 93 p.

CONSTRUCTION INDUSTRY—AUDITING AND INSPECTION

Additions and deficiencies of control over cost reduction in construction. D Dukel'skii Fin SSSR 22 no 8 40-43 Ag '61.

CONSTRUCTION INDUSTRY—BIBLIOGRAPHY see Bibliography—Construction industry

CONSTRUCTION INDUSTRY—COSTS

This is not provoked by necessity. Georgii Orel Sov. Ukr. 11 no 9 143-149 S '61.

Unused possibilities. A Danilov Fin SSSR 22 no 8 67-70 Ag '61

CONSTRUCTION INDUSTRY—FINANCE

Improve the economics of construction to meet new tasks B. Sokolov. Vop. ekon. no. 9 45-54 S '61.

Subject the construction of enterprises manufacturing mineral fertilizers to a strict control. A Poperechnyi, E Korohkova Fin. SSSR 22 no 8 35-39 Ag '61

CONSTRUCTION INDUSTRY—LABOR PRODUCTIVITY (see also subdivision under Cherkassy; Donetsk; Gorkiy; Kazakhstan; Rostov-on-Don, Ukraine)

Labor productivity is the most important thing! Stroitel' no. 7 1-2 Jl '61.

Let's make use of already existing potentials for raising labor productivity. S Bashinskii, A. Rotshtein. Ekon. stroi. no 8:5-13 Ag '61.

One factor in the growth of labor productivity. Z. Slyshek. Ekon. stroi. no. 8 38-40 Ag '61.

One of the fundamental problems. Ekon. stroi. no. 8.3-5 Ag '61

Planning labor productivity in construction in regional economic councils and planning organs of the Union Republics V. Stomakhin Biul nauch inform., trud i zar plata 4 no 7 3-7 '61

Planning labor productivity in construction organizations. Z Kuprianova, A. Rotshtein Biul. nauch inform., trud i zar plata 4 no 7 7-11 '61.

Proper combination of integrated and specialized crews is an important factor in the growth of labor productivity. V. Piven', Ekon stroi no. 8:42-43 Ag '61

Proper evaluation of potentials for growth in labor productivity based on the detection of wasted working time during a shift. V Semibratov. Ekon stroi no 8.44-47 Ag '61

Ways to raise labor productivity in the laying of pipelines. IA. Kuperman. Ekon. stroi no. 8:19-25 Ag '61

CONSTRUCTION INDUSTRY—MANAGEMENT see subdivision under Ukraine

CONSTRUCTION INDUSTRY—PRICES

Makarov, E. A. [Price determination in construction] O tsenoobrazovanii v stroitel'stve; nauchnoe soobshchenie. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 26 p.

CONSTRUCTION INDUSTRY—PRODUCTION STANDARDS

Establishing norms for operation completion in industrial construction. I. Galkin. Ekon stroi. no 8.56-62 Ag '61.

Introducing and mastering technically based standards in construction. S Mitin Sots trud 6 no 8.85-88

ty

Changing article 3 of the No. 231/6, February 18, 1960, decision of the State Committee on Problems of Labor and Wages of the Council of Ministers of the U S S R, and the Secretariat of the All-Union Central Council of Trade Unions Biul. Gos. kom po vop. truda i zar. platy no. 6.7-8 '61

Concern for improving working conditions. Stroitel' no 7 31 Jl '61.

Foremost workers and novators under the administration of the Ministry of Construction of the R S F. S. R Mont i spets rab v stroi 23 no 6 3-7 Ag '61

Jump into the sky. IA. Miletskii. Ogonek 39 no 24 30 Je '61

Residents should know who built the house. A Piemenko, P Kolesnikov. Stroi i arkhit 9 no 8 35 Ag '61

You can see the construction site from afar. Siarhei Hrakhouski. Belarus' 18 no. 9:3-4 S '61.

CONSUMERS' GOODS see Russia—Manufactures

CONTACT TRANSFORMATIONS

Proof of the minimality of the contact realization of one class of Boolean functions of n variables. IU L Sagalovich Dokl AN SSSR 139 no 5 1075-1076 Ag '61

CONTINUED FRACTIONS see Fractions, Continued

CONTINUITY

Bradwardine's treatise "On the continuum". V. P. Zubov Ist.-mat. issl. no. 13:385-440 '60

CONTINUOUS CASTING

Formation of a continuous, flat steel ingot and the occurrence of defects on its surface. A. A. Skvortsov. Izv vys. ucheb. zav., chern. met. 4 no. 7 78-87 '61.

CONTINUOUS CASTING—ELECTROMECHANICAL ANALOGIES

Calculating the temperature field and stresses in a continuous ingot with the aid of an electric model [with summary in English] E. A. Iodko Inzh.-fiz zhur. 4 no. 3 92-97 Mr '61

CONTINUUM see Continuity

CONTRACTS, AGRICULTURAL

Contracts covering agreement to deliver farm produce. N. Nikolaev. Sots. zakon. 38 no. 9 42-45 S '61

CONVALESCENCE

After a serious illness. G. Bashkirova. Nauka i zhizn' 28 no 8:84-85 Ag '61

CONVERGENCE

Convergence of difference systems for the heat conduction equation with variable coefficients. N. N. IAnenko, IU. E Botarintsev. Dokl. AN SSSR 139 no. 6 1322-1324 Ag '61.

CONVEYING MACHINERY

Efficient transportation of limestone. A. D. Vikulan. TSement 27 no 4.15 Jl-Ag '61.

Hermetically sealed band conveyer. Kh. Matsakian. Prom. Arm. 4 no. 8:57-58 Ag '61.

Instructions for planning industrial transportation. Biul. stroi. tekh. 18 no. 8-7-8 Ag '61.

Monorail track for conveying compressed naphtalene. M. V. Stiel'tsov Shor rats predl. vnedr. v proizv. no 5:46-47 '60.

Nomogram for the determination of the efficiency belt conveyers. A G. Ruseiskii. Obog. rud 4 no. 3 48-50 '59.

Nomograms for calculating the output capacity of a conveyer drive drum. A. G. Ruseiskii. Obog. rud 4 no. 5:30-33 '59.

Tanning of semifinished products on a worm conveyer M. P. Zakharov. Kozh.-obuv. prom. 3 no. 8:24-27 Je '61

CONVEYING MACHINERY—CONGRESSES

Coordinating Conference on Belt Conveyers. M. A. Pisarevskii, IU. V. Vidrevich. Obog. rud 6 no. 1:57-61 '61.

CONVEYING MACHINERY—ELECTRIC DRIVING

Adjustment of pipe conveyers with electrovibration drives. A. S. Zhgulev. Obog. rud 5 no. 5:42-45 '60

CONVEYING MACHINERY—ELECTRIC EQUIPMENT

"Electric equipment for hoisting and conveying machinery" by A. G. Mekler. Reviewed by N. A. Khort. Prom. energ. 16 no. 9:57-58 S '61.

CONVEYING MACHINERY—MAINTENANCE AND REPAIR

Mechanization of the assembly and repair of belt conveyers. V. G. Svirin. Obog. rud 4 no. 5:26-29 '59.

CONVEX SURFACES

Regularity of a convex surface with a regular metric in Euclidean space. A. V. Pogorelov. Dokl. AN SSSR 139 no 5:1056-1058 Ag '61.

COOKERY

(see also subdivision under Alakul'skiy District)

Advice to a cook. P. Grigor'ev. Obshchestv. pit. no. 7:25-27 Jl '61.

Culinary expert's notebook. M. Ivanova. Obshchestv. pit. no. 7 27-28 Jl '61.

From a cook's notebook P. Naumova Obshchestv. pit. no 6:24 Je '61

From the national cooking of various countries. T. Matarinova Obshchestv pit. no 6:25 Je '61

Home cooking. P Ul'ianov, E Safro Obshchestv pit. no. 6.58-59 Je '61

Pokrovskaia, A. I. [Teach your friends tasty cooking] Nauchi tovarishchei vkusno gotovit'. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961 92 p.

Practicing in the best kitchen. L Rubashkin. Obshchestv. pit. no. 7 37-39 Jl '61.

Visual aids for cooks. M. Ezerskii. Obshchestv. pit. no. 7 30-31 Jl '61.

COOKERY (CORN) see Cookery (Maize)

COOKERY (MAIZE)

Corn, the all-around product. T Ivanova Obshchestv pit no 6 28-29 Je '61.

COOKERY (VEGETABLES)

Vegetable dishes. S. Protopopov. Obshchestv. pit no 6: 22-24 Je '61

COOKERY, GEORGIAN

Georgian dishes I Abramov. Obshchestv. pit. no 6:30 Je '61

COOKERY, MARINE

Special characteristics of the diet of divers. V. Gurevich Tyl i snab. Sov. Voor. Sil 21 no 5 66-69 My '61.

COOKERY, MILITARY

Medical control of nutrition for soldiers in summer. A. Smirnov Tyl i snab. Sov Voor. Sil 21 no 7 59-63 Jl '61.

COOKING SCHOOLS

Remarks of a school principal. P. Medvedev. Obshchestv. pit. no. 7:35-37 Jl '61.

COOPERATIVE AGRICULTURE see Agriculture, Cooperative

COOPERATIVE EDUCATION see Education, Cooperative

COOPERATIVE SOCIETIES

(see also subdivision under Aktyubinsk; Amangel'dy District; Furmanovo; Gur'yev Province; Kazakhstan; Kiev; Kustanay Province; Leninskiy District; Maryanka District; Sam, Alma-Ata Province; Semiozernoye District, Taskesken)

Higher education is necessary. T. Molchanova Koop. Kazakh. 4 no 5/6 55 My-Je '61.

COOPERATIVE SOCIETIES—FINANCE see subdivision under Kazakhstan

COORDINATES

Mistakes in measuring coordinates by a radar station N. I Kravchenko. Vest. protivovozd. obor. no. 7 52-54 Jl '61.

Tables for computing rectangular coordinates for the one 1½°-zone from the other zone; F. N. Krasovskii's ellipsoid. N. S. Bogolubova. Trudy OmSKhI 42 no 7: 31-39 '60.

COPEPODA

(see also subdivision under Atlantic Ocean)

Life cycle of Diaptomus gracilis Sars in a humified lake M. B. Ivanova Dokl. AN SSSR 139 no 5 1231-1234 Ag '61.

COPPER

(see also subdivision under Ural Mountains)

Substitutes for copper and lead in the electric cable industry. S. Z. Erukhimovich. Vest. elektroprom 32 no. 8:5-7 Ag '61.

COPPER—ANALYSIS

Rapid method for determining copper in canned food. V. P. Sagakova, A. I. Liubivain. Kons. i ov. prom. 16 no. 9.35-37 S '61.

COPPER—ISOTOPES

Cu^{64} levels excited in the reaction $Ni^{64}(p, n\gamma)Cu^{64}$. A. K. Val'ter and others. Izv. AN SSSR. Ser. fiz. 25 no. 9:1127-1130 S '61.

COPPER—METALLOGRAPHY

Investigating certain physical processes occurring on the surface of crystalline solids at high temperatures Part 8: Characteristics of strita leveling on the distorted surface of polycrystalline copper. IA. E. Geguzin, N. N. Ovcharenko, L. N. Paritskaia. Fiz met i metalloved. 12 no. 1:42-46 Jl '61.

COPPER—METALLURGY see subdivision under Armenia

COPPER—WELDING

Actual heat output during the arc welding of copper in a protective atmosphere. L. E. Fedotov, V. V. Verob'ev. Svar. proizv. no. 9:11-12 S '61.

COPPER – WELDING (Continued)

Effect of heating on the properties of welded copper-aluminum joints. S. K Shozberg, S K Ginzburg, M P. Sokolov Avtom svar 14 no 9 20-23 S '61

COPPER AGE see subdivision under Ukraine

COPPER ALLOYS—METALLOGRAPHY

Effect of vanadium on the structure and properties of copper-base alloys K T Chernovsova, A A Presniakov Trudy Inst fiz AN Kazakh SSR 4 89-91 '61

COPPER ALLOYS—SPECTRA

Quantitative spectrum analysis of copper-base alloys as applied to the study of archaeological objects. D. V. Naumov Sov. arkheol 5 no. 3,113-121 '61

COPPER-ALUMINUM ALLOYS—METALLOGRAPHY

Plasticity of copper-aluminum alloys. K. T. Chernousova, A A. Presniakov. Trudy inst fiz AN Kazakh SSR 4,9-14 '61

COPPER-BERYLLIUM ALLOYS

Determination of the solubility of beryllium carbide in a liquid copper-beryllium alloy F Sh Muratov, A V Novoselova Zhur neorg. khim 6 no 8 1974-1976 Ag '61.

COPPER BROMIDE

Reaction of anabasine with copper chloride and copper bromide, V. V. Udovenko, O I Granitova Uzb. khim zhur. no. 4;36-41 '61

COPPER CHLORIDE

Reaction of anabasine with copper chloride and copper bromide V V. Udovenko, O. I. Granitova Uzb. khim zhur. no. 4;36-41 '61

Reaction of cupric chloride with ammonia A K Jirakosian Zhur. neorg khim 6 no 8 1801-1807 Ag '61

COPPER COMPOUNDS

Structure of crystals of trans-dinitrotetrammine copper M. A. Porai-Koshits, M. Bukovska Kristallografiia 6 no. 3 381-388 My-Je '61.

COPPER FERRATE

Reduction of copper ferrite $CuFeO_2$ with graphite V. N. Bogoslovskii, N. M. Stafeeva, G I Chufarov. Dokl. AN SSSR 139 no 5 1105-1106 Ag '61

COPPER INDUSTRY see subdivision under Karsakpay

COPPER INDUSTRY—BY-PRODUCTS

Recovery of rare metals from dusts of copper smelting plants G. N Sosnovskii Trudy Alt GMNII AN Kazakh SSR 11 60-64 '61

COPPER IODIDE CRYSTALS

Electron diffraction study of the structure of thin films of cuprous iodide R N, Kurdiumova, R. V. Baranova. Kristallografiia 6 no. 3,402-405 My-Je '61.

COPPER MINES AND MINING see subdivision under Dzherkazgan, Kadzharan, Kafan

COPPER-MOLYBDENUM ALLOYS see Molybdenum-copper alloys

COPPER-NICKEL ALLOYS

Surface tension of liquid metallic solutions. Part 2: Surface tension of the system nickel-copper [with summary in English]. V. V. Fesenko, V. N. Eremenko, M. I. Vasiliu. Zhur. fiz. khim. 35 no. 8;1750-1751 Ag '61.

Temperature-dependent magnetic hysteresis and temperature hysteresis of magnetostriction in nickel and nickel-copper alloys. A. IA. Vlasov, I. V. Antonov. Izv. Sib. otd. AN SSSR no. 8;121-124 '61.

COPPER-NICKEL ALLOYS—CORROSION

Corrosion of copper-nickel alloys in sea water. Se Ui-tu, A. V Turkovskaia. Izv. vys. ucheb. zav., tsvet. met. 4 no. 4;145-148 '61.

COPPER-NICKEL ALLOYS—ELECTRIC PROPERTIES

Anomalies in the electric resistance of Cu-Ni alloys, Iu. F. Kliuchnikov, A. A. Presniakov. Trudy Inst. fiz. AN Kazakh. SSR 4;74-77 '61

COPPER-NICKEL-SILICON ALLOYS—ELECTRIC PROPERTIES

Effect of small silicon and nickel concentrations on the electric conductivity of copper alloys G, T, Khudaverdiev. Trudy Azerb. gos. zaoch. ped. inst. 8;145-154 '58.

COPPER ORES

(see also subdivision under Dzhezkazgan)

Separation of a lead-copper concentrate with sodium sulfate and iron sulfate. A, S, Konev, K, G. Bakinov. Obog. rud 3 no. 6;7-11 '58.

COPPER ORGANIC COMPOUNDS

Properties of amino acids and peptides containing a tertiary nitrogen atom. Part 6: Spectrophotometric study of copper complexes of certain N, N-dibenzyltripeptides, and the determination of their composition by the method of continuous changes (Ostromyslenskii-Zhob). N. A. Poddubnaia, Viach. I. Maksimov, TS. A. Fgorov. Zhur. ob. khim. 31 no. 8,2466-2474 Ag '61.

COPPER ORGANIC COMPOUNDS—SPECTRA

Properties of amino acids and peptides containing a tertiary nitrogen atom. Part 7: Comparison of the absorption spectra of copper complexes of N, N-dibenzyltripeptides containing proline and sarcosine G I Lavrenova, N. A. Poddubnaia. Zhur ob khim 11 no 8 2174-2477 Ag '61

COPPER OXIDE CRYSTALS

Quadrupole optical excitation of the ground state of excitons in copper oxide crystals. E F Gross, A A Kaplianskii Fiz tver tela 2 no 2 379-380 F '60

COPPER OXIDES

Cathodic reduction of copper oxide. V P. Galushko and others. Zhur. prikl khim. 34 no 8,1819-1825 Ag '61

Investigating semiconductor thermal resistors based on Cu_2O - Mn_3O_4. E. V. Kovalenko, V. A. Liutsedarskii, T. A. Ryshkina. Zhur prikl. khim. 34 no. 8 1880-1883 Ag '61.

COPPER OXIDES—SPECTRA

Characteristics of the absorption spectrum in the region of the yellow series of Cu_2O I S. Horbon', Visnyk Kyiv un no. 2 Ser fiz. ta khim no 1 45-48 '59

COPPER PLATING

Effect of gelatin on a cathodic polarization change in the process of copper electrodeposition. A F Vozlsov, V. N. Lapp, L. IA. Dubrovskaia. Zhur prikl. khim 34 no. 8,1814-1819 Ag '61.

Using a pyrophosphate electrolyte in the copper plating of a steel wire. A. I. Levin, V. V Gurylev. Zhur. prikl. khim. 34 no. 8 1775-1779 Ag '61.

COPPER-PLATINUM ALLOYS

Effect of thermal oscillations of atoms on the melting of the fine structure of X-ray absorption spectra Part 1 Investigation of the solid solution Cu - Pt 1 B. Borovskii, G N Ronami Izv. AN SSSR Ser fiz 25 no 8 999-1001 Ag '61

COPPER-ZINC ALLOYS

X-ray study of intermetallic compounds in the system Cu - Zn Izv. AN SSSR Ser fiz 25 no 8 997-998 Ag '61

COPYING PROCESSES

Duplication of sketches without copying. A. Pisarev, S Korol' Stroi i arkhit. 9 no. 7,30-31 Jl '61.

Tracing paper as the basis for montage work. N. Gubin Poligr. proizv. no. 7 21-22 Jl '61.

COPYRIGHT—MUSIC

Zil'bershtein, N. L. [Copyrights for musical works] Avtorskoe pravo na muzykal'nye proizvedenita. Moskva, Gos. Izd-vo iurid. lit-ry, 1960. 186 p. (CLL)

CORALS, FOSSIL

(see also subdivision under Fergana)

Regeneration in Paleozoic corals. V, N. Dubatolov. Paleont. zhur. no. 1;75-81 '61

CORE DRILLING

New tools for core drilling. IA. A. Edel'man, G. E Karasik. Azerb. neft. khoz 39 no. 1 18-19 Ja '60.

CORES (ELECTRICITY)

Bardizh, V. V. [Methods for measuring the static and impulse properties of ferrite cores with rectangular hysteresis loops] Staticheskie i impul'snye svoistva ferritovykh serdechnikov s priamougol'noi petli gisterezisa i sposoby ikh izmerenii. Moskva, In-t tochnoi mekhaniki i vychislitel'noi tekhniki Akad. nauk SSSR, 1961. 62 p. (Elektronnye vychislitel'nye mashiny)

Broaching of the crossbar matrix of a magnetic core memory system operating on the principle of multiple coincidence of currents [with summary in English] IU. L Kotkov. Izv. vys. ucheb zav., radiofiz. 4 no. 1: 173-176 '61.

Segmentation of the stator cores of synchronous machinery. E. V. Shkol'nik, G. B. Pinskii. Vest. elektroprom. 32 no. 8;67-69 Ag '61

CORN (MAIZE)

(see also subdivision under Boryshkovtsy, Penza Province; Cherkassy District; Crimea; Karabakh Steppe; Omsk Province; Russia, Northwestern; Transbaikalia; Tselinograd Province, Ukraine; Virgin Territory; Zaleshchiki District)

Amber colored meadow G. Ponevezhskaia. Sem'ia shkola 16 no. 7;20-21 Jl '61.

Biological characteristics of unripe corn seeds [with summary in English]. F. L. Kalinin, M. I. IAstrembovych. Ukr. bot. zhur. 18 no. 4;30-37 '61.

Companion cropping of corn and soybean for silage. A. P Ilyrenko, A I. Livens'kyi Visnyk sil'hosp. nauky 3 no. 4;28-32 Ap '60.

Corn fields in September. V. N. Stepanov. IUn. nat. no. 9,12 S '61.

Cytoembryological study of the effect of different pollination methods on fertilization in corn. M. N. IAshvili Soob. AN Gruz. SSR 26 no. 5;585-590 My '61.

IAtko, Mykola. [Queen of labor] Koroleva truda. Moskva, Gos. izd-vo polit. lit-ry, 1961. 53 p. (Geroi i podvigi) [Author's real name: N. M. IAtchenko.] (DA)

Method for determining the state of water in corn leaf P. M Baranovskii, G. M. Titov Vest. sel'khoz nauki [Kazakh.] 4 no 3 3-8 Mr '61

Method for determining the weight ratio of anatomic particles of the corn kernel L A Ovchar Izv vys. ucheb zav, pishch tekh no 3;148-149 '60

Scientists luck D Vlyn Nauka i zhyttia 11 no 7, 12 Jl '61

Some recent data on the anatomical and morphological structure of the corn leaf N N Popov. Dokl AN SSSR 139 no 6 1474-1475 Ag '61

CORN (MAIZE)—DISEASES AND PESTS

Protecting corn from the fruit fly [with summary in English] V. A Megalov, Pan Sian-fei [P'ang Hsiang-fei] Izv TSKhA no. 2 72-81 '61.

CORN (MAIZE)—DRYING

Portable corn dryer. V. Syrota Znan. ta pratsia no 13 Jl '61

CORN (MAIZE)—GRADING

The SSP-1, 5 multipurpose grading tables B. IA. Kontorovich. Biul tekh -ekon inform no 7-80-82 '61.

CORN (MAIZE)—VARIETIES

(see also subdivision under Karabakh Steppe)

Russia (1923- U. S. S. R.) Gosudarstvennaia komissiia po sortoispytaniiu sel'skokhoziaistvennykh kul'tur. [New corn hybrids Bukovina 3 and Bukovina 2, results of state crop variety tests] Novye gibridy kukuruzy Bukovinskii 3 i Bukovinskii 2, rezul'taty gosudarstvennogo sortoispytaniia. Moskva, Izd-vo M-va sel'. khoz SSSR, 1960. 45 p. (DA)

CORN (THE WORD)

Names for corn in the dialects of the Transcarpathian Province. I, O. Dzendzelivs'kyi Dop ta pov Uzhhor Ser. filol no. 2 68-70 '58.

CORN BREEDING

Selection as a method of strengthening the dominance certain features in corn. M. O. Zulens'kyi. Visnyk sil'hosp. nauky 3 no. 4 67-69 Ap '60.

CORN OIL—ANALYSIS

Spectrophotometric determination of linoleic and linolenic acids in corn and sorghum oils IA I Domsenko, I I Volkova Izv vys ucheb. zav., pishch tekh no. 6;28 '60

CORN PRODUCTS

Comparing different varieties of corn used in the production of flakes E G Gorun Trudy VNIIKOP no. 10, 117 '59.

Investigation of corn processing waste M. S Dudkin Izv vys ucheb zav., pishch tekh no 4 39-43 '61

Production of puffed corn with ingredients. E G Gorun L M Mokan, O I Korneva Trudy VNIIKOP no 10;1 158 '59

Studying the crushing process of corn in the production of flakes. E G Gorun. Trudy VNIIKOP no. 10,148-159.

CORNEA

Regeneration in central and peripheral parts of the cornea in gamma-irradiated mice. G. P. Gruzdev. Radiobiologiia 1 no. 3:407-411 '61.

CORONA (ELECTRICITY)

Generalization of the experimental data on radio interference caused by corona generating wires obtained from measurements of operational and experimental lines. N. B. Bogdanova, S. I. Riabaia. Elektroenergetika no. 4;90-114 '61

Initial and critical field intensities on the surface of conductors in a corona discharge G. N. Aleksandrov N P Aleksandrova. Zhur. tekh fiz 31 no 4;450-4 Ap '61

Some results of investigating a heavy-current corona in hydrogen. V. A. Burmakin, V. G. Gubanova, P. N Chistiakov Zhur. tekh fiz 30 no 2 199-205 F '60

Use of different methods for determining the corona resistance of electric insulating materials N. V Alekandrov, I. A. Kalinina, S G. Trubachev Elektrichestvo no 4 61-68 Ap '61.

CORONARY VESSELS—DISEASES

Effect of unconditioned food reflexes on cardiac rhythm activity under pathological conditions (diphtherial intoxication, acute disorders of coronary circulation, pharmacological influences) [with summary in English] B. M. Fedorov Biul. eksp. biol i med 51 no. 5 33-My '61.

CORRESPONDENCE SCHOOLS AND COURSES

(see also subdivision under Moscow, Tula, Ukraine)

Education by correspondence is going to expand. N S Kurbatova. Vest. vys. shkoly 19 no. 8;86-87 Ag '6

Much depends on the orientation classes. E. I. Ekshte Sred. spets. obr 8 no 8;38-41 Ag '61.

"Pedagogical lectures" on evening and correspondence schools. L. Ziubin Sov pedag. 25 no. 8-158-159 '61.

What a textbook for correspondence students should be like? N. V. Bogomolov. Sred. spets. obr. 8 no 8;41 Ag '61.

CORROSION AND ANTICORROSIVES

Anti-corrosive prime coating L. Kamionskii. NTO 3 no 9 15 S '61.

Coatings based on furfurol-acetone resin L. Shmidt Stroitel' no 8 25-26 Ag '61

Construction and anticorrosion treatment of reinforced concrete apparatus in the cellulose and paper industry E. A. Protosavitskaia Mont i spets rab v stroi 23 no 8 26-29 Ag '61

Corrosion-prevention measures for pipes of an aluminum motor-vehicle radiator. A. I. Lipovetskaia Trudy NIIKHIMMASH no 27 99-101 '59

Effect of the corrosive medium on the characteristic shape of the polarization curve in corrosive cracking of metals. N. I. Kudinova, V. V. Romanov Zhur. prikl. khim. 34 no 8 1825-1829 Ag '61

High-resistance voltmeters measuring corrosion on underground metallic structures. V. G. Rotbart Stroi. truboprov. 6 no 7 23-25 Jl '61

High-temperature corrosion of equipment in catalytic reforming and hydrofining plants V. V. Sredin Khim. i tekh. topl. i masel 6 no 8 41-46 Ag '61

Investigating corrosion resistance and selecting corrosion prevention methods for aluminum used in motor vehicle radiators. F. B. Slomianskaia Trudy NIIKHIMMASH no. 27:86-98 '59

Scientific research work in Azerbaijan on corrosion control and the development of measures for the protection of metals V. G. Negreev Azerb. khim. zhur. no. 2,117-126 '60.

Some features of electrical protection of oil pipelines from corrosion under complex conditions N. A. TSekun, A. Kh. Vesirov Azerb. neft. khoz. 39 no. 1 42-44 Ja '60.

Study by the tagged atoms method of the dynamics of the formation of a protective film on metals with AzNII-7 and TSIATIM-339 additives A. G. Khanlarova and others Azerb. neft. khoz. 39 no. 1 39-41 Ja '60

CORROSION AND ANTICORROSIVES—CONGRESSES

First International Congress on the Corrosion of Metals A. M. Zinevich Stroi. truboprovod. 6 no. 8 28-31 Ag '61.

CORROSION-RESISTANT MATERIALS

Alloys resistant to sulfuric acid and other corrosive media G. L. Shwarts, IU. S. Sidorkina Trudy NIIKHIMMASH no. 27:54-61 '59

Materials for equipment used in some processes of the hydrometallurg. of nonferrous metals G. L. Shwarts, IU. S. Sidorkina Trudy NIIKHIMMASH no 27.62-74 '59.

Selecting materials for end face sealings for operation in a sulfuric acid medium. I. V. Vasil'ev, V. K. Kharitonov Trudy NIIKHIMMASH no 27:127-136 '59

CORTISONE

Effect of somatotropic hormone and cortisone on insulinase activity of the liver in young and sexually mature rats [with summary in English] N. P. Smirnov Biul. eksp. biol. i med. 51 no. 5 11-13 My '61

Indices of mediators of the blood in bronchial asthma in children and their change under the influence of cortisone therapy N. V. Dogel', L. I. Mikheeva Pediatriia no. 9 43-47 '61.

CORUNDUM

Analysis of the spectrum of electron paramagnetic resonance of the V^{3+} ion in corundum (Al_2O_3) D. K. Rei Fiz. tver. tela 3 no. 8 2214-2222 Ag '61. ^{3}

Covalent bond theory for cobalt salts and analysis of the spectrum of paramagnetic resonance of Co^{2+} in corundum D. K. Rei. Fiz. tver. tela 3 no. 8 2223-2239 Ag '61.

Electron paramagnetic resonance of the Fe^{3+} ion in corundum [with summary in English] L. S. Kornienko, teor. fiz. 40 no. 6:1594-

corundum
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no. 1:44-48

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), II)

Saakian, G. S. [Energy spectra and nuclear interactions of cosmic ray particles] Energeticheskie spektry i fadernye vzaimodeistvila chastits kosmicheskogo izlucheniia. Erevan, Izd-vo Erevanskogo univ., 1960. 113 p.

Spectrum of galactic and solar cosmic rays [with summary in English] S. I. Syrovatskii. Zhur. eksp. i teor. fiz. 40 no. 6 1788-1793 Je '61.

Studying large ionization bursts caused by cosmic-ray particles at sea level [with summary in English] S. IA. Babetski and others Zhur. eksp. i teor. fiz. 40 no. 6: 1551-1561 Je '61

Successive interactions between heavy nuclei of primary cosmic radiation IA. Pernegr and others Zhur. eksp. i teor. fiz. 40 no. 3 976-970 Mr '61.

COSMOGONY

Evolution of main-sequence stars of early spectral classes A. G. Masevich Soob. GAISH no. 105 20-34 '61

Interpretation of the evolution of main-sequence stars A. G. Masevich Soob. GAISH no. 105 3-19 '61

Nature of young stars reaching the main sequence A. G. Masevich Soob. GAISH no. 105, 35-19 '61

COSMOGONY, GLACIAL

Earth glaciations and their causes. S. S. Nikolaev Trudy Otd. geog. AN Kazakh SSR no. 8 98-113 '61

COST AND STANDARD OF LIVING
(see also subdivision under United States)

Building of communism and the prosperity of our people B. Sukharevskii. Kommunist 38 no. 14 14-26 S '61

The CPSU will struggle for the highest standard of living S. Figurnov. Part. zhizn' no. 17:19-25 S '61.

Efforts to improve workers' standard of living, from 1921 to 1935 [with summary in English, 217-218]. M. N. Korovina, T. F. Kogan Vop. ist. no. 9 42-55 S '61

Follow-up on factory announcements. K. Cherevkov. Ogonek 30 no. 30, 25-27 S '61.

"Real wages and the improvement of the material welfare of the U. S. S. R. workers' by S. P. Figurnov, Reviewed by A. Llapin. Vop. ekon. no. 9 143-148 S '61.

Ways of improving the national welfare. P. Oldak. Vop. ekon. no. 9 23-33 S '61.

COSTS, INDUSTRIAL

Improve the accounting and planning for industrial production costs S. Blinkhman. Vest. stat. no. 8 74-76 '61

Moscow. Nauchno-issledovatel'skii finansovyi institut. [Planning and calculating the cost of industrial production] Voprosy planirovaniia i kal'kulirovaniia sebestoimosti promyshlennoi produktsii. Moskva, Gosfinizdat, 1961, 183 p.

COSTUME see subdivision under Ukraine

COTTON—DISEASES AND PESTS

Biology and economic significance of some parasites and insects preying on the malva moth in the Nakhichevan A. S. S. R. [in Azerbaijani with summary in Russian] G. G. Kurbanov, G. A. Kuliev. Izv. AN Azerb. SSR Ser. biol. i med. nauk no. 5:65-71 '61

Foci of the common spider mite (Tetranychus telarius L.) in the cotton field I. I. Lindt Izv. Otd. sel'khoz. i biol. nauk AN Tadzh. SSR no. 1 177-183 '59.

COTTON—FERTILIZERS AND MANURES

Effect of irrigation norms and the amount of fertilizers on the oil content of cottonseed. A. P. Blagodyr', A. P. Chebotareva, M. N. Dubrovina. Masl.-zhir. prom. 27 no. 8 16-19 Ag '61.

COTTON—IRRIGATION

Effect of irrigation norms and the amount of fertilizers on the oil content of cottonseed. A. P. Blagodyr', A. P. Chebotareva, M. N. Dubrovina Masl.-zhir. prom. 27 no. 8-16-19 Ag '61.

Popov, G. P., ed. [Field and vegetative experiments with cotton under irrigation] Metodika polevykh i vegetatsionnykh opytov s khlopchatnikom v usloviiakh oroshenila. Tashkent, 1957. 114 p. (DA)

COTTON—VARIETIES

Increasing the oil content of cottonseed. Report no. 3: B. A. Kats, A. P. Chebotareva, M. N. Dubrovina. Masl.-zhir. prom. 27 no. 8:14-15 Ag '61.

COTTON GROWING
(see also subdivision under Andizhan Province, Kazakhstan; Kirovo District)

Effect of alfalfa and cotton on the amount and composition of humus in Sierozem meadow soils of the Shirvan Steppe. S. A. Aliev. Dokl. AN Azerb. SSR 17 no. 6,515-518 '61.

How to lower the production costs of raw cotton on collective farms. A. K. Alekserov, S. A. Akhundova Izv. AN Azerb. SSR. Ser. obshchestv. nauk no. 5:81-92 '61.

COTTON MANUFACTURE

Volkov, P. V. [Arrangement and operation of mechanical looms for the cotton weaving industry] Ustroistvo i obsluzhivanie mekhanicheskikh tkatskikh stankov khlopchatobumazhnoi promyshlennosti. Izd. 3., ispr. i dop. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1960. 130 p. (Uchebniki i uchebnye posobiia dlia podgotovki rabochikh massovykh professii)

COTTON-PICKING MACHINERY see subdivision under Turkmenistan

COTTON SPINNING see subdivision under Great Britain

COTTONSEED
(see also subdivision under Soviet Central Asia, Uzbekistan)

AOS-3 device for determining the lint index of cotton seeds. A. I. Gan, T. A. Efremenko. Masl.-zhir. prom. 27 no. 8 31-32 Ag '61

Delinting cotton seeds and their physicomechanical properties. V. N. Popova, E. A. Ilkin Masl.-zhir. prom. 27 no. 8 19-22 Ag '61

Recovering cottonseed kernels in a husking mill E. I. Knabtanov Masl.-zhir. prom. 27 no. 8 17 Ag '61.

COTTONSEED OIL

Complete processing of cottonseed A. G. Sergeev Masl.-zhir. prom. 27 no. 8 7-11 Ag '61

Device for rapid drying of fats and fatty acids. A. IA. Naab, G. A. Mikoslavskaia Masl.-zhir. prom. 27 no. 8,33 Ag '61

Effect of the degree of grinding cottonseed kernels on the oiliness of cottonseed cakes. A. L. Glushchenkova, V. I. Markman Masl.-zhir. prom. 27 no. 8 22-25 Ag '61

Unaccounted losses of oil in using the prepressed-continuous extraction system for processing cottonseed. I. M. Ismailov and others. Masl.-zhir. prom. 27 no. 8 29-31 Ag '61.

COULOMETER see Voltameter

COUNTING DEVICES

Possibilities for the application of proportional counters in radiochemical analysis. B. I. Khazanov. Apparatura dlia issled. spek. no. 1:41-58 '60

COUPLINGS

Strength calculation of the coupling of rods and crosshead. E. I. Mironov. [Trudy] MVTU no. 95 95-104 '60

COURAGE

Psychology of fearlessness. Part 2. K. K. Platonov Vest. protivovozd. obor. no. 8:74-77 Ag '61

COURSE-LINE COMPUTERS

Astronomic calculator. V. Z. Braslavets. Vent. Ventil. no. 8:91 Ag '61.

COURTS see subdivision under Vietnam, North

COVETOUSNESS see Avarice

COWS

Comparative behavior of strontium and calcium in the organism of the cow. L. A. Buldakov, N. I. Durov. Radiobiologiia 1 no. 3:418-423 '61.

COWS—FEEDING AND FEEDS

Effect of two different types of feeding on the productivity of cows and the composition of milk [with summary in English]. A. K. Shvabe, E. V. Zaborova Izv. TSKhA no. 2 163-177 '61.

Fermented beet pulp as a source for enriching the gastrointestinal tract of cows with yeasts I. I. Nechiporenko Visnyk sil'hosp. nauky 3 no. 4 89-90 Ap '60

COYPU see subdivision under Danube Delta

CRACKING PROCESS
(see also subdivision under Great Britain)

Catalytic cracking of normal hexadecane on an aluminosilicate catalyst M. M. Mollkzade, M. R. Musaev Azerb. khim. zhur. no. 3:43-47 '60

Catalytic reforming of light oils from the pyrolysis of hydrocarbon gases. IU. G. Mamedaliev and others Azerb. khim. zhur. no. 6:3-13 '60.

Catalytic reforming of light oil from the pyrolysis of the ligroin fraction of the Karadag gas condensate. IU. G. Mamedaliev and others. Azerb. khim. zhur. no. 3 7-14 '60.

Certain problems involved in the technology of catalytic reforming processes. G. N. Malinskii and others Khim. i tekh. topl. i masel 6 no. 8:1-8 Ag '61

Effect of the depth of stock hydrofining on the results of catalytic cracking. R. M. Masagutov, G. A. Berg, L. T. Volkova. Khim. i tekh. topl. i masel 6 no. 8,8-13 Ag '61.

Hydrofining of kerosine-gas-oil fractions of the secondary recovery. M. A. Mardanov, S. A. Sultanov, S. G. Naroditskaia. Azerb. khim. zhur. no. 5:3-8 '60.

Optimum decomposition product yield in the thermal cracking of fuel oils. M. F. Nagiev, L. I. Trifapina, T. I. Rasulbekova. Azerb. khim. zhur. no. 6:31-47 '60

Raising temperatures in fluidized beds of regenerators of catalyst cracking. I. I. Sidorchuk. Azerb. neft. khoz. 39 no. 1:36-38 Ja '60.

Role played by individual hydrocarbons in the formation of coke on an aluminosilicate catalyst under the conditions of catalytic cracking. M. M. Mollkzade, M. R. Musaev. Azerb. khim. zhur. no. 4:17-20 '60.

CRANBERRIES
Fruiting in cranberries. V.V.Barykina. Priroda 50 no.9 126 S '61.

CRANES, DERRICKS, ETC
(see also subdivision under Armenia, Krasnoyarsk Hydroelectric Power Station)
Combination drill and crane. V. Lavrov Na stroi Ros no.7:37 Jl '61
Crane for installing supports and electric transformers on 6 to 10 kv. electric power networks R L Kvavidze Energetik 9 no 8,25-27 Ag '61
Efficient means of loading ballast on SBK-1 cranes A.Stekanov. Na stroi Ros. no.7 29 Jl '61.
Fork-lift cranes G.M Nikolaevskii, V.V. Burlukov. Vest mash 41 no 8 34-38 Ag '61
Jib crane on a tractor base. V Nesterov Stroitel' no 7 15 Jl '61
KDE-151 railroad crane. V D Sergeev, A.G Usatov Stroi i dor mash. 6 no 8 13-14 Ag '61
MSK-8-20 new mobile tower crane. L I. Kozlovskii, N. A. Karnaev Stroi i dor mash 6 no 8 9-12 Ag '61
New crane or hoist for assembling high-voltage electric lines T. V Shein Mont. i spets. rab. v stroi 23 no.8 15-18 Ag '61.
Radio control of a crane V N Ivanov. Bezop. truda v prom 5 no 8 29 Ag '61.

CRANES, DERRICKS, ETC.—EQUIPMENT AND SUPPLIES
Prestressed concrete beams for bridge crane supports. Biul stroi tekh 18 no 7 35-37 Jl '61
Specifications for using aluminum cable on tower cranes. P. N Ushakov Stroi i dor mash. 6 no 8 29-30 Ag '61

CRANES, DERRICKS, ETC.—STANDARDS
State standard for tower construction cranes. Biul. stroi. tekh. 18 no. 8:11-12 Ag '61

CRANES, DERRICKS, ETC.—TRANSMISSION DEVICES
Cog gears in the turning mechanisms of construction cranes. L I Abramovich. Stroi. i dor. mash 6 no. 8-14-15 Ag '61.

CRANES, DERRICKS, ETC.—WELDING
Automatic welding of chords and vertical walls on main bridge crane stringers N.M.Krivenko. Svar. proizv. no.9:22-25 S '61.

CRANIOLOGY
(see also subdivision under Miskheta)
Gerasimov, M.M. [Restoration of a face from the skull] Vossianovlenie litsa po cherepu. Moskva, 1960. 6 p. (CLU)

CREAM
Investigation of the microstructure of foam in whipping cream A D Grishchenko Izv. vys. ucheb. zav., pishch. tekh. no 3:48-52 '60
Mechanism of phase reversal in fat-rich creams A D Grishchenko. Izv. vys. ucheb zav.; pishch tekh no.4 62-67 '61.

CREDIT, EXPORT see Export credit

CREEP OF ALUMINUM
Investigating the creep of aluminum bicrystals. L. A. Voloshina, V. M. Rozenberg. Fiz. met. i metalloved 12 no.1:118-124 Jl '61.

CREEP OF MATERIALS
Hypothesis of the equation of state in the case of creep. V.S.Namestnikov, Iu.N.Rabotnov. PMTF no.3: 101-103 S-O '61.
Some problems in the theory of unsteady creep. M. I. Rozovskii Izv. AN Arm. SSR. Ser. fiz.-mat.nauk 14 no. 3,97-120 '61.
Stability of rectangular plates in creep. S.A.Shesterikov. PMTF no.3 93-100 S-O '61.

CREEP OF METALS
Direct and inverse torsion in conditions of creep. V. S. Namestnikov. PMTF no. 1:121-122 My-Je '60.
Shear and diffusion plastic deformation during the creep of nickel-copper alloys. V. A. Pavlov and others. Fiz. met. i metalloved. 12 no.1:97-107 Jl '61.

CREEP OF NICKEL
Effect of loading methods on nickel creep characteristics. G IA. Kozyrskii, P. N. Okrainets. Sbor. nauch rab. Inst. metallofiz AN URSR no. 12:117-123 '61.

CRESOL—SPECTRA
Infrared spectra of alkylphenols and their simple ethers. Report No. 2: Infrared spectra of amylcresols. M A. Salimov, E A. Victorova, N. I. Shutkin. Azerb. khim. zhur. no 2:87-94 '61.

CRIME AND CRIMINALS
"Criminal offenses and their sources in prerevolutionary Russia" by S. S. Ostroumov. Reviewed by IU. M. Tkachevskii. Vest. Mosk. un. Ser. 10: Pravo 16 no. 3: 58-60 Jl-S '61.
Eradication of the harmful traces of the past. A. Romanov. Sots. zakon. 38 no. 9:39-41 S '61
A man in the black suit (continuation). G. Prodoyl. Sots. zakon. 38 no. 0.89-92 S '61.
Reducing the sphere of criminal repression [with summary in English] P. S Dagel' Vest LGU 16 no 17 120-129 '61

CRIME PREVENTION
Crime prevention. N Nikolaenko, T Efimov Sots zakon 38 no 9 67-68 S '61

CRIMEA—AERONAUTICS IN AGRICULTURE
Helicopter above vineyards in Crimea. M. Rassolov, V Deriabkin Grazhd av 18 no 8,5 Ag '61.

CRIMEA—ALGAE
Carotene-bearing alga Dunaliella salina Teod. in saline waters of the Crimea [with summary in English] N.P Masiuk Ukr. bot. zhur 18 no. 4,100-109 '61

CRIMEA—ANTIQUITIES
Archaeological explorations in the Crimean steppes in 1952 IU. G Kolosov Izv Krym otd Geog ob-va no 1 77-82 '57
CRIMEA—BIRDS
From observations of the animal kingdom near the southern shore of the Crimea during the winter of 1953-1954. D IA. Berenheim, B A. Petrov Izv. Krym otd Geog ob-va no 4 105-107 '57
Some data on the hibernation of birds in the Crimea foothills P. N. Andreev Izv Krym. otd Geog ob-va no 4 108 '57.

CRIMEA—BOARDING SCHOOLS
Urgent problems of the development of boarding schools O S. Kostak Rad shk 40 no. 7 10-11 Jl '61

CRIMEA—BOTANY
Bulgarian and Rumanian botanists in the Crimea N I Rubtsov. Izv Krym. otd Geog ob-va no 4 109-110 '57.

CRIMEA—CORN (MAIZE)
Problems pertaining to corn cultivation practices in the Crimea. I.D.Holubyns'kyi. Visnyk sil'hosp.nauky 3 no.4,63-67 Ap '60.

CRIMEA—FRUIT CULTURE
Pome fruit yields on state farms of the Crimea. F. N. Maksimov Kons i ov. prom. 16 no 7:32-33 Jl '61

CRIMEA—GEOGRAPHICAL SOCIETIES
Brief report on the work of the Crimean branch of the Geographical Society of the U S S. R. for 1954 and 1955 Izv Krym otd Geog. ob-va no 4 113-115 '57.

CRIMEA—GEOGRAPHY
Readers's comments Izv. Krym otd Geog ob-va no 4 115 '57
Tasks of the Crimean branch of the Geographical Society of the U S S. R. in the light of the decisions of the 22d Congress of the CPSU Izv Krym otd. Geog ob-va no 4 3-7 '57.

CRIMEA—GEOLOGY, STRUCTURAL
Geomorphology and neotectonics of Crimean steppes IE. V. L'vova. Geog zbir. no 4:97-112 '61

CRIMEA—GRAPES
Treasure of an azure dale. Il'in Shepel'. Sov. Ukr. 11 no.9:181-181 S '61.

CRIMEA—KARST
Karst in the Crimean steppes. S V. Al'hov. Izv Krym otd. Geog ob-va no 4 101-102 '57.

CRIMEA—MANUFACTURES
Hidden potentialities for increasing the production of consumers' good in the local industry of Crimea Province. A. S. Sych. Nauch. zap. Kiev fin.-ekon inst no. 9:80-88 '58.

CRIMEA—MARBLE
Suitability of the Patterakh Quarry marble for electrode coatings. I A. Dovgopoliuk, N. IA Sereda. Svar proizv. no 8 28-29 Ag '61.

CRIMEA—MUSHROOMS, EDIBLE
Notes on the edible and poisonous mushrooms of the Crimea. P. M. Khristiuk Izv. Krym otd. Geog ob-va no. 4,43-46 '57

CRIMEA—MUSHROOMS, POISONOUS
Notes on the edible and poisonous mushrooms of the Crimea P. M. Khristiuk. Izv. Krym otd Geog ob-va no. 4 43-48 '57.

CRIMEA—PIONEERS (COMMUNIST YOUTH)
All ready! Smena 38 no.10:4-5 My '61.

CRIMEA—RUNOFF
Mud flows in the Crimea. B. M. Gol'din. Izv Krym. otd. Geog. ob-va no. 4 104-105 '57.

CRIMEA—SANATORIUMS
Conference of physicians from the Crimea group of the sanatoriums of the Ministry of Defense. B. V. Nikol'skii Voen. med. zhur. no. 6:96 Je '61

CRIMEA—SCIENCE CLUBS
Club of dreamers. V. Petrusenko. Znan. ta pratsia no. 9:18-19 S '61.

CRIMEA—SCYTHIAN ANTIQUITIES
Local features of Scythian culture in central Crimea and the Kerch Peninsula T N. Troitskaia Izv Krym otd Geog ob-va no 4 67-76 '57

CRIMEA—UNDERGROUND LITERATURE
Goriakina, V. S. [Lenin's "Iskra" in the Taurida Government; 1900-1960, on the 60th anniversary of "Iskra."] Leninskaia "Iskra" v Tavricheskoi gubernii, 1900-1960, k 60-letiiu "Iskry" Simferopol', Krymizdat, 1959. 78 p
(MH)

CRIMEAN MOUNTAINS—SNOW
Snow cover in the Crimean upland during the 1953-1954 and 1955-1956 winters A N Olferov Izv Krym otd Geog ob-va no 4 23-30 '57

CRIMEAN MOUNTAINS—VEGETATION AND CLIMATE
Brief study on vegetation covering in the eastern part of the Crimean upland and problems of its economic utilization L. A Privalova Izv. Krym otd Geog ob-va no 4 31-42 '57

CRIMEAN MOUNTAINS—WALLS
Ancient walls in the main ridge passes of the Crimean Mountains. O. I. Dombrovskii. Arkheologiia 12:155-167 '61

CRIMEAN PROVINCE—PATHOANATOMICAL SOCIETIES
Work of the Crimea Province Pathoanatomical Society for 1957 and 1958. Arkh pat. 21 no 9 88-91 '59

CRIMINAL DEFENSES see Defense (Criminal procedure)

CRIMINAL INVESTIGATION
Answering the questions of public prosecutors and investigators Sots zakon 38 no 9 76-78 S '61.
Confrontation during pretrial investigation [with summary in English] A K Davletov Vest. LGU 16 no 17 144-147 '61
Czechoslovak lawyers have visited the U S. S R Sots zakon. 38 no 9 53 S '61
Equipment and devices used in the investigation of criminal offenses N. Selivanov Sots. zakon 38 no 9 35-38 S '61
Ablekov, N. P. [Criminal investigation of the physical aspects of documents] Kriminalisticheskoe issledovanie materialov, dokumentov. [Moskva] Izd-vo Mosk. univ., 1961. 46 p.
Prisoners of an assumption F. Kudrin Sots zakon 38 no 9 26-29 S '61
The role of specialists in pretrial investigation A Vinberg Sots zakon 38 no 9 30-34 S '61
Vasil'ev, A.N. [Public participation in the solution of crimes] Uchastie obshchestvennosti v raskrytii prestuplenii. Moskva, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, 1960. 15 p.
Why the work of I. N. Barvenko, a criminal investigator, is so successful? L Karneeva. Sots zakon 38 no 9-71-73 S '61.

CRIMINAL INVESTIGATION—STUDY AND TEACHING
A proper form of training the investigators I. Popov, E. Rasput'ko Sots zakon 38 no 9 66 S '61.

CRIMINAL JUSTICE, ADMINISTRATION OF
Follow-up of articles published in "Sotsialisticheskaia zakonnost'." Sots zakon 38 no 9 79 S '61
Noble objectives of Soviet society. A Natashev. Sov. iust. no.17:5-7 S '61.

CRIMINAL LAW
(see also subdivision under Armenia; Mongolia)
Answering the questions of public prosecutors and investigators Sots zakon 38 no. 9 76-78 S '61
Pashkevich, P. F. [Maintaining socialist law and order; the new criminal and criminal procedure codes of the R. S. F. S. R.] Na zashchite sotsialisticheskogo pravoporiadka, o novykh ugolovnom i ugolovno-protsessual'nom kodeksakh RSFSR. Moskva, Izd-vo "Znanie," 1961. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Seriia 2, Filosofiia, no. 12)

CRIMINAL PROCEDURE
(see also subdivision under Armenia)
Nikolaev, V. S. [Objectives of appellate procedure and the supervisory review of judicial decisions in Soviet criminal procedure] Zadachi kassatsionnogo proizvodstva i revizionnyi poriadok peresmotra del v sovetskom ugolovnom protsesse. [Moskva] Izd-vo Mosk. univ., 1961. 49 p.

CRIMINAL STATISTICS
The current problems of criminal statistics S. Panchenko. Sots. zakon 38 no. 9 16-18 S '61

CRIMINALS, REHABILITATION OF see Rehabilitation of criminals

CRINOTHENE see Polyethylene

CROP ZONES
Division of the U.S.S.R. into agroclimatic regions based on lupine yields. A.T. Nikiforova. Trudy NIAK no.10 70-92 '61.

CROP ZONES (Continued)

Division of the U.S.S.R. into agroclimatic regions based on sunflower yields. V.A. Smirnova. Trudy NIIAK no.10 36-69 '61.

Establishing climatic regions based on the applicability of green fallows in the U.S.S.R. P.I. Koloskov. Trudy NIIAK no.10 3-18 '61.

CROPS AND CLIMATE

(see also subdivision under Soviet Central Asia)

Brief climatic characteristics of the growing period of medium-precocious farm crops in the U.S.S.R. P.I. Koloskov. Trudy NIIAK no.10 19-35 '61.

Effect of meteorological conditions on the development of spring wheat kernels [with summary in English]. Ia.B. Konovalov. Izv. TSKhA no.2 26-39 '61.

Investigation of evaporation from farm fields. A.R. Konstantinov and others. Trudy GGI no.91 75-109 '61.

CRUSHED STONE. see Stone, Crushed

CRUSHING MACHINERY

(see also subdivision under Germany, West)

Ball mill operations at the Southern Ore-Dressing Combine. M.N. Kazennov, N.A. Egorova. Obog. rud. 4 no.4 45-50 '59.

Centrifugal-impact crusher for the reduction of Krivoy Rog iron ores. V.I. Karmazin, L.P. Shupov, V.S. Margulis. Obog. rud. 5 no.2 35-37 '60.

Closed circuit comminution control with a constant water consumption. M.N. Kazennov. Obog. rud. 4 no.2 32-36 '59.

Consumption control of the water fed to a classifier with a closed comminution circuit. E.L. Kritskii. Obog. rud. 4 no.2 37-39 '59.

Control characteristics of plate-type ore feeders. A.T. Lebedev. Obog. rud. 5 no.6 45-48 '60.

Critical gap of inertial crushing machines. B.N. Dubrovin, I.I. Blekhman. Obog. rud. 5 no.6 32-37 '60.

Critical gap of vibration roll mills. I.I. Blekhman. Obog. rud. 6 no.1 31-34 '61.

Crushing of cast iron chip in industrial conditions. P.I. Kul'tin. Obog. rud. 4 no.3 51-55 '59.

Dimensional lines of crushing and grinding equipment. N.S. Sason. Obog. rud. 6 no.2 31-33 '61.

Direct-stroke jaw crushers. K.A. Rundkvist. Obog. rud. 6 no.1 21-24 '61.

Disintegrator mill for the wet grinding of chalk as component of the pelletizing charge. A.S. Sladkov. Obog. rud. 5 no.2 38-41 '60.

Dynamics of a shaft mill. O.V. Kopchenov. Teploenergetika 8 no.9 36-39 S '61.

Efficient equipment for obtaining high-quality pegmatite. M.P. Boginskii, B.I. Gaidas, V.N. Glushchenko. Stek i ker. 18 no.8 31-33 Ag '61.

Flowsheets for the crushing of magnetite ores. M.N. Kazennov. Obog. rud. 5 no.3 21-26 '60.

Increasing the output of a crushing machine unit by raising the temperature of the pulp. S.I. Denev, N.V. Bessonnikova. Obog. rud. 6 no.2 50-51 '61.

Instrument for the recording of the circulating load of a crushing machine. B.A. Kaplianskii. Obog. rud. 5 no.4 35-40 '60.

Machine for the automatic loading of rods into a mill. G.I. Kabakov, A.G. Mukhin. Obog. rud. 6 no.2 48-49 '61.

Mill operation at supercritical speeds (review of R.T. Khukki's research). E.S. Savicheva, A.K. Rundkvist. Obog. rud. 5 no.4 21-23 '60.

New laboratory mills designed by the Scientific Research and Planning Institute for the Mechanical Processing of Minerals. A.V. Vatson. Obog. rud. 6 no.1 45-47 '61.

Operating conditions of ball mills for second stage comminution. M.N. Kazennov. Obog. rud. 4 no.6 25-29 '59.

Plans for new rod and ball mills. N.S. Sason. Obog. rud. 6 no.1 24-31 '61.

Prospects for the use of ore crushing machines without balls. A.K. Rundkvist, E.S. Savicheva. Obog. rud. 5 no.3 11-17 '60.

Slag crusher with a hydraulic drive. Iu.G. Poslednichenko. Teploenergetika 8 no.5 57-59 My '61.

Technological principles in the control of crushing machines and classifiers. V.A. Olevskii. Obog. rud. 4 no.2 40-47 '59.

Theory of the critical gap of inertial crushing and grinding machines. A.K. Rundkvist, I.I. Blekhman, A.D. Rudin. Obog. rud. 6 no.2 34-37 '61.

Unsuccessful attempt to develop the theory of the movement of balls in ball mills. N.P. Neronov. Obog. rud. 5 no.2 55-56 '60.

Ways of saving on steel for lining crushers and mills. V.G. Svirin. Obog. rud. 5 no.1 34-36 '60.

CRUSHING MACHINERY—CONGRESSES

Coordinating conference on the establishment of specialized types of crushing and grinding machinery. N.S. Sason. Obog. rud. 5 no.5 57-59 '60.

CRUSHING MACHINERY—EXHIBITIONS see subdivision under Germany, West

CRUSHING MACHINERY—MAINTENANCE AND REPAIR

Combination lining of ball mills. N.S. Sason, A.F. Bychkov. Obog. rud. 4 no.5 35-39 '59.

CRUSHING MACHINERY—MODELS

Investigating a laboratory model of the cone crusher built by the Scientific Research and Planning Institute for the Mechanical Processing of Metals. A.I. Kirichenko. Obog. rud. 1 no.6 16-24 '59.

CRUSHING MACHINERY—NOISE

Control of noise from crushing and grinding machines. P.N. Fel'd, R.N. Nikiforov. Obog. rud. 6 no.1 52-55 '61.

CRUSTACEA

(see also subdivision under Karelian Isthmus)

Intensity of aquatic and atmospheric respiration in some marine crustaceans [with summary in English]. V.S. Ivlev, L.M. Sushchenia. Zool. zhur. 40 no.9 1345-1353 S '61.

CRYSTAL LATTICES

Appearance of hypersound at the saturation level of paramagnetic resonance in crystals. U.Kh. Kopvillem, V.D. Korepanov. Fiz. tver. tela 3 no.7 2014-2022 Jl '61.

Applicability of the parameter "effective surface recombination rate" for Ge and Si. V.A. Petrusevich, O.V. Sorokin, V.I. Kruglov. Fiz. tver. tela 3 no.7 2023-2030 Jl '61.

Calculating the energy of molecular crystal lattices. Part. 1. A.I. Kitaigorodskii, K.V. Mirskaia. Kristallografiia 6 no.4 507-514 Jl-Ag '61.

Cross paramagnetic relaxation in crystals with an anisotropic g-factor. U.Kh. Kopvillem. Izv. vys. ucheb. zav., fiz. no.3 50-55 '61.

Crystal structure of crystal hydrates of transition metal salts crystal structure. Part 3: $CoBr_2 \cdot 6H_2O$. E.V. Stroganov and others. Vest. LGU 16 no.16 114-119 '61.

Crystalline structure of monosilicides of transition metals. V.S. Neshpor. Kristallografiia 6 no.3 466-469 My-Je '61.

Deformation effects connected with the presence of characteristic dislocations in elastic anisotropy metals with a cubic symmetry lattice. K.P. Rinboshapka, L.V. Tikhonov. Fiz. met. i metalloved. 12 no.1 3-10 Jl '61.

Determination of recombination constants from the spectral characteristics of a phototube with a p-n junction. V.K. Subashiev. Fiz. tver. tela 2 no.2 204-212 F '60.

Effect of certain factors of the geometry of photography on the magnitude of the accidental error in the precise determination of the lattice period. IA.M. Golovchiner. Kristallografiia 6 no.3 357-362 My-Je '61.

Effect of deformations and of a magnetic field on exciton absorption in cubic crystals. A.G. Zhilich. Fiz. tver. tela 3 no.7 2041-2047 Jl '61.

Exciton absorption in compound molecular crystals. V.L. Broude, E.I. Rashba. Fiz. tver. tela 3 no.7 1941-1949 Jl '61.

Fluorescence curves of phosphors with comparable lengths of stay of electrons in traps of various kinds. V.V. Antonov-Romanovskii. Opt. i spektr. 10 no.5 644-648 My '61.

Free path of an exciton in a polar crystal. G.M. Genkin. Fiz. tver. tela 3 no.7 2097-2101 Jl '61.

Generalized Fresnel formulae for crystal surfaces, taking the anisotropy of the effective exciton mass into account. B.E. TSekvava. Fiz. tver. tela 2 no.3 482-488 Mr '60.

Heat transport by injected carriers. V.I. Stafeev. Fiz. tver. tela 2 no.3 436-444 Mr '60.

Investigation of "nonlinear" processes of relaxation of photoconductivity in the presence of attachment levels. L.G. Paritskii, S.M. Ryvkin. Fiz. tver. tela 3 no.8 2245-2258 Ag '61.

Laws of the electronic polarization and depolarization of crystals. E.I. Adirovich. Fiz. tver. tela 3 no.7 2048-2050 Jl '61.

Moduli of elasticity in crystals having a sphalerite or wurtzite structure. V.A. Zhdanov, L.A. Bryseneva. Kristallografiia 6 no.4 639-641 Jl-Ag '61.

Nature of the electric conductivity of certain compounds of transition metals with lattices of the type $CuAl_2$. L.D. Dudkin, V.I. Vaidanich. Fiz. tver. tela 2 no.3 404-405 Mr '60.

Surface recombination of germanium at high injection levels. A.V. Rzhanov, I.A. Arkhipov. Fiz. tver. tela 3 no.7 1954-1959 Jl '61.

Theory of the dispersion of high frequency exciton conductivity in crystals [with summary in English]. R.F. Kazarinov, O.V. Konstantinov. Zhur. eksp. i teor. fiz. 40 no.3 938-942 Mr '61.

Theory of the structure of binary crystals of the wurtzite type. V.A. Zhdanov, L.A. Bryseneva. Izv. vys. ucheb. zav.; fiz. no.3 95-102 '61.

X-ray scattering in crystals with formation of excitons [with summary in English]. V.M. Agranovich, V.L. Ginzburg. Zhur. eksp. i teor. fiz. 40 no.3 913-919 Mr '61.

CRYSTAL OPTICS

Effective fields in crystals. IU.V. Bogomolov. Fiz. tver. tela 2 no.2 207-301 F '60.

Molecular theory of the refraction of light in crystals. B.A. Sotskii. Opt. i spektr. 11 no.2 220-236 Ag '61.

CRYSTALLINE LENS

Effect of certain light conditions on the Wolffian regeneration of the crystalline lens in larvae of the newt Pleurodeles Waltlii. R.A. Borsuk, V.V. Popov. Dokl. AN SSSR 139 no.6 1487-1490 Ag '61.

CRYSTALLIZATION

Crystallization of cellulose tribenzoate. P.V. Kozlov and others. Dokl. AN SSSR 139 no.5 1149-1152 Ag '61.

Effect of insoluble impurities on the crystallization and cast structure of metals. D.E. Ovsienko. Sber. nauch. rab. Inst. metallofiz. AN URSR no.12 3-20 '61.

Effect of the speed of crystallization on the structure and properties of commercially pure metals. G.N. Nysanbaev, A.A. Presniakov. Trudy Inst. fiz. AN Kazakh. SSR 4 78-84 '61.

Generation of crystallization centers in a drop of ammonium chloride solution under the action of an electric field. A.V. Shubnikov, V.P. Parvov. Kristallografiia 6 no.3 443-450 My-Je '61.

Investigation of microliquation in the crystallization of germanium-silicon alloys. V.G. Fomin, O.V. Bogorevskii. Kristallografiia 6 no.3 455-459 My-Je '61.

CRYSTALLOGRAPHY

Complete systematics of the black-white point groups. A.V. Shubnikov. Kristallografiia 6 no.4 490-495 Jl-Ag '61.

Crystalline structure of solid hydrogen isotopes. B.P. Ozerov and others. Kristallografiia 6 no.4 631-632 Jl-Ag '61.

Diffractometric methods in precision measurements of the parameters of elementary cells. L.S. Zevin and others. Kristallografiia 6 no.3 348-356 My-Je '61.

Immersion liquids for crystallo-optical measurements at low temperatures (from -100°). G.B. Bokii and others. Zhur. neorg. khim. 6 no.8 1751-1756 Ag '61.

Remarks on B.N. Delaunay's algorism. I.P. Vyrodov. Kristallografiia 6 no.4 621-623 Jl-Ag '61.

Shishakov, N.A. [Principles of structure analysis] Osnovnye poniatiia strukturnogo analiza. Moskva, Izd-vo Akad. nauk SSSR, 1961. 363 p.

Structure of crystals of trans-dinitrotetrammine copper. M.A. Porai-Koshits, M. Bukovska. Kristallografiia 6 no.3 381-386 My-Je '61.

CRYSTALLOGRAPHY, MATHEMATICAL

Anisotropy constants of ferromagnetic cubic crystals. A.S. Viglin. Fiz. tver. tela 2 no.2 331-346 F '60.

Crystallography of antiferroelectrics. L.A. Shuvalov, A.S. Sonin. Kristallografiia 6 no.3 323-330 My-Je '61.

CRYSTALS

Laminar evaporation spirals in crystals. P.D. Dukova. Kristallografiia 6 no.3 451-454 My-Je '61.

Light absorption by electrons of nonmetallic crystals in an electric field [with summary in English]. V.A. IAkovlev. Zhur. eksp. i teor. fiz. 40 no.6 1595-1605 Je '61.

Light dispersion in the region of exciton absorption in cubic crystals, taking the anisotropy of the effective exciton mass into account. S.I. Pekar, B.E. TSekvava. Fiz. tver. tela 2 no.2 261-272 F '60.

Solubility and contact melting of irradiated crystals. I.G. Berzina, A.F. Naumov, P.A. Savintsev. Kristallografiia 6 no.3 460-464 My-Je '61.

X-ray diffraction study of the nature of the atomic bonds in crystals of the diamond type. K.P. Mamedov. Izv. AN Azerb. SSR, Ser. fiz.-mat. i tekh. nauk no.6 105-115 '60.

CRYSTALS—DEFECTS

Effect of all-round pressure on the electric conductivity and thermo-emf. of In_2Te_3. A.A. Averkin, V.M. Sergeeva, A.L. Shelykh. Fiz. tver. tela 2 no.2 347-349 F '60.

Effect of diffusion on the scattering of neutrons and photons by crystal defects and on the Mössbauer effect [with summary in English]. M.A. Krivoglaz. Zhur. eksp. i teor. fiz. 40 no.6 1612-1624 Je '61.

Energy spectrum of holes in diamond type crystals. K.IA. Shtivel'man. Fiz. tver. tela 2 no.3 499-501 Mr '60.

Structural defects in alkali halide crystal phosphors. L.M. Shamovskii, A.S. Shibanov. Fiz. tver. tela 3 no.7 2123-2130 Jl '61.

CRYSTALS—ELECTRIC PROPERTIES

Nuclear quadrupole resonance study of the electrical field gradient in crystals [with summary in English]. V.S. Grechishkin. Zhur. fiz. khim. 35 no.8 1803-1807 Ag '61.

CRYSTALS—GROWTH

First symposium on research on the production of ferroelectric and piezoelectric crystals. A.S. Sonin. Kristallografiia 6 no.4 650-651 Jl-Ag '61.

CRYSTALS – GROWTH (Continued)
Study of single crystals of the system MgO - MnO - Fe_2O_3 synthesized by Verneuil's method. M. V Rovhdestvenskaia. Fiz tver tela 3 no 8:2346-2349 Ag '61

Symmetry and physical properties of cones of growth. A V Shubnikov Kristallografiia 6 no. 3 319-322 My-Je '61.

Transparency of mixed CaF_2 - SrF_2 and SrF_2 - BaF_2 single crystals and the effect of gamma-radiation on them E. G Churnavskaia Opt. i spektr 10 no 5 640-643 My '61

CRYSTALS—MODELS
Theory of elementary excitations in systems with an open-spin background. A E Glauberman, I V Stasiuk. Fiz tver tela 3 no 7:2081-2096 Jl '61

CRYSTALS—SPECTRA
Temperature dependence of the line width of Roman spectra of substances in the crystalline state A. V. Rakov. Opt. i spektr 10 no 6, 713-716 Je '61

CRYSTALS—THERMAL PROPERTIES
Some characteristics of zone melting. B. A Volchok, V. IA Frenkel' Fiz tver tela 3 no. 7,2010-2013 Jl '61

CRYSTALS, LIQUID see Liquid crystals

CUBA—CONSTRUCTION INDUSTRY
Moscow and Havana. S. I. Naumov. Gor. khoz. Mosk. 35 no. 8:42-44 Ag '61

CUBA—ECONOMIC CONDITIONS
Happiness came to Cuba X. Gomez. Vsem. prof. dvizh. no. 8:32-33 Ag '61.

[Heroic island; journalists' notes on a trip to Cuba, January-June 1961] Geroicheskii ostrov; zametki zhurnalistov o poezdke na Kubu, ianvar'-iiun' 1961 goda. Moskva, Izd-vo "Pravda," 1961. 110 p.

CUBA—EDUCATION
Schools in revolutionary Cuba V S. Kharitinov. Rad. shk 40 no 7 84-88 Jl '61

CUBA—FOREIGN RELATIONS—RUSSIA
Cuba, yes! Ogonek 39 no. 39:1 S '61.

CUBA—GUERILLA WARFARE
"Guerilla warfare" by E. Guevara. Reviewed by N. Mil'gram Voen.-ist zhur. 3 no. 7:103-106 Jl '61.

CUBA—HISTORY
Zorina, A. M. [Heroic past of the Cuban people] Iz geroicheskogo proshlogo kubinskogo naroda. Moskva, Izd-vo Akad. nauk SSSR, 1961. 302 p.

CUBA—LAND TENURE
Agrarian reforms of the revolutionary government of Cuba. O. Oltianu. Vest. Mosk. un. Ser. 10: Pravo 16 no. 3:47-55 Jl-S '61.

CUBA—POLITICS AND GOVERNMENT
Boy with bananas. A. Fedotov. IUn. nat. no. 9,32 S '61.

[Heroic island; journalists' notes on a trip to Cuba, January-June 1961] Geroicheskii ostrov; zametki zhurnalistov o poezdke na Kubu, ianvar'-iiun' 1961 goda. Moskva, Izd-vo "Pravda," 1961. 110 p.

CUBA—TRADE UNIONS
History of the Cuban labor movement [with summary in English, p. 222]. B. S. Nikirov. Vop. ist. no. 9: 103-115 S '61.

CULTURE
International seminar in Tashkent. Angel Pizarro. Vsem. prof. dvizh. no. 8, 37-39, 43 Ag '61.

CUMENE
Mechanism of the formation of carbonyl compounds and acids in emulsion oxidation of isopropylbenzene. R. V. Kucher, S. D. Kuz'min. Dokl AN SSSR 139 no. 5,1114-1116 Ag '61.

Production of α-methylstyrene by the catalytic dehydrogenation of isopropylbenzene. V. P. Shatalov, L. A. Velikanova Khim. prom. no. 8:530-531 Ag '61.

CUMENE PEROXIDE
Decomposition of cumene hydroperoxide catalyzed by cation exchange resin KU-2. G. A. Razuvaev, V. A. Shushunov, V. A. IAblokov. Dokl. AN SSSR 139 no. 5: 1128-1131 Ag '61.

CUNEIFORM WRITING
Friedrich, Johannes. [Deciphering extinct alphabets and languages. Translated from the German] Deshifrovka zabytykh pis'mennostei i iazykov. Predisl. I. M. Dunaevskoi. Pod red. I. M. D'iakonova. Moskva, Izd-vo inostr. lit-ry, 1961. 206 p. (ICU)

CUPROUS OXIDE CRYSTALS
Photoluminescence and recombination of current carriers in cuprous oxide crystals. I. S. Gorban', IU. I Gritsenko, S. N. Rud'ko. Fiz. tver. tela 3 no. 7:2147-2153 Jl '61.

CURIE POINT
Determining the Curie point for the ferroelectric $BiFeO_3$ S A. Fedulov Dokl. AN SSSR 139 no. 6 1315-1316 Ag '61.

Sound absorption in Rochelle salt near its lower Curie point O. A. Shustin and others Zhur. eksp i teor. fiz. 40 no. 3:979-980 Mr '61

CURRENCY see Money

CURVES
Determining the most probable periods in the analysis of complex cyclic curves. O A Vladimirov. Trudy GOIN no. 63 90-94 '61.

CURVES ON SURFACES
Non-self-intersecting curves on a surface N N Konstantinov. Mat. sbor. 54 no. 3 283-294 Jl '61.

CUSTOMS ADMINISTRATION
Problems relating to the codification of laws governing the imposition and collection of customs duties [with summary in English] A A Fedoseev Vest LGU 16 no 17 147-150 '61

CUTANEOUS NERVES see Nerves, Cutaneous

CUTTING MACHINES
(see also subdivision under Minsk)
Device for cutting out bottoms of iron drums. L. S. Merenteev. Sbor. rats. predl. vnedr. v proizv no. 5:45 '60.

New type of cutter. Sel'. stroi 16 no 7:26 Jl '61.

CYANIDE PROCESS
Reduction of the harmful effect of antimony in cyaniding gold ores. S. B. Leonov, M F. Khabirov. Izv. vys. ucheb. zav., tsvet. met. 4 no. 4:91-96 '61.

CYBERNETICS
Algebra of pulse-potential objects. A. D. Talantsev Dokl. AN SSSR 139 no 6 1332-1335 Ag '61

Complexity of systems of depth two, built up from threshold elements. V. I. Varshavskii. Dokl AN SSSR 139 no. 6 1325-1328 Ag '61.

Cybernetics come to the workshops. M Rumer. Znan. sila 36 no. 8,8 Ag '61.

Cybernetics in technology and economics [with summary in English, p. 185]. A A. Liapunov, A I Kitov. Vop. filos 15 no 9:79-85 '61

Foresight in biology and technique. E. G. Zel'kin. Priroda 50 no. 9 48-53 S '61.

Functional possibilities and the synthesis of threshold elements Dokl. AN SSSR 139 no 5 1071-1074 Ag '61.

Without prompting. Roman Podol'nyi. Smena 36 no. 10:26-27 My '61.

CYCLIC COMPOUNDS
Synthesis of certain compounds having two adjacent three-membered rings. A. P. Meshcheriakov, I. E. Dolgii. Dokl. AN SSSR 139 no. 6,1379-1382 Ag '61.

CYCLOBUTANONE
Certain properties of enol acetates Part 7: Enol acetate of cyclobutanone and its conversion to α-alkylcyclobutanone. I. V. Machinskaia, G. P Smirnova, V A. Barkhash. Zhur ob. khim. 31 no. 8:2563-2566 Ag '61.

CYCLOHEPTATRIENONE
Structure of diphenylcyclopropenone and tropone salts B. E Zaitsev and others Dokl AN SSSR 139 no 5 1107-1109 Ag '61.

CYCLOHEXANE
Catalytic alkylation of cyclohexane and methylcyclohexane with olefins. S. D. Mekhtiev, A. Sh Novruzova, S. M. Sharifova. Azerb. khim. zhur. no. 5:9-15 '60.

Catalytic dehydrogenation of ethylcyclohexane in the benzene fraction of Peschanyy Ostrov crudes [in Azerbaijani with summary in Russian] B. A. Dadashev, G. G. Alimamedov, Z. K. Agamirzoeva. Azerb. khim. zhur. no. 3:37-43 '60.

Kinetics of cyclohexane oxidation by palladium salts in aqueous solutions. M. N. Vargaftik, I. I Moiseev, IA. K Syrkin. Dokl. AN SSSR 139 no. 6:1396-1399 Ag '61.

Reduction of nitrocyclohexane. M. F. Abidova, A. S. Sultanov. Uzb. khim. zhur. no. 4:67-69 '61.

CYCLONES
Stolypina, N. V. [Evolution of baric formations as related to the nature of day-to-day pressure variations at standard altitudes] Evoliutsiia baricheskikh obrazovanii v zavisimosti ot kharaktera mezhdusutochnykh izmenenii davleniia na standartnykh vysotakh. Moskva, Gidrometeor. izd-vo (Otdelenie), 1961. 75 p. (Moscow. Nauchno-issledovatel'skii institut aeroklimatologii. Trudy, no. 13)

CYCLOPENTANE
Polymethylene rings. Part 37: Transformations of polyhalo-substituted cyclopentane. N. A. Domnin, N. V. Obeshchalova, R. Ch. Kolinskii. Zhur. ob. khim. 31 no. 8:2768-2773 Ag '61.

CYCLOSILOXANES
Telomerization of dimethylcyclosiloxanes Report No 1 Production of linear α, ω -dichlorodimethylsiloxanes K. A Andrianov, V V. Severnyi, B G Zavin Izv AN SSSR Otd khim. nauk no 8-1156-1461 Ag '61

CYCLOTRON
Calculating the accelerating voltage in a variable energy cyclotron E. M. Moroz Zhur tekh fiz 31 no 8: 916-922 Ag '61.

CYCLOTRON RESONANCE
Investigation of electron packets in a microtron [with summary in English] V. P Bykov Zhur eksp i teor. fiz 40 no 6 1658-1666 Je '61

Investigation of ionic cyclotron resonance in a dense plasma K. D Sinel'nikov and others Zhur. tekh fiz 30 no 3 283-286 Mr '60

Transverse refraction index of a plasma on the threshold of cyclotron frequencies and their harmonics V P. Demidov. Dokl. AN SSSR 139 no. 5,1342-1344 Ag '61.

CYLINDERS
Calculation of thermal stresses in cylinders with a finite length P. Z. Livshits Energomashinostroenie 7 no 5 24-27 My '61

Remarks on G A Zal'fs article "Thermal stresses in cylinders with a finite length," E IA Gertsberg Energomashinostroenie 7 no. 5 23 My '61.

CYLINDRICAL HARMONICS see Bessel's functions

CYMENE
Synthesis of cymenes by the alkylation of toluene with propylene over aluminosilicates IU G Mamedaliev and others. Azerb khim zhur no. 1:30-34 '61

CYPRUS—RELATIONS (GENERAL) WITH RUSSIA
On the island of Aphrodite. Boris Tartakovskyi. Znan. ta pratsia no. 8:22-24 Ag '61.

CYSTEINE
Changes in the electric parameters of the liver in irradiated animals due to prophylactic administration of cysteine. A. A. Mikhailova. Radiobiologiia 1 no. 3: 325-329 '61.

CYSTS
Significance of follicular cysts of the ovaries in the rise and development of dyshormonal tumors in rats. E. A. Ird. Probl. endok. i gorm. 7 no. 4 35-42 '61

CYTOLOGY
(see also subdivision under United States)
"Normal and pathological submicroscopic structures of cells and tissues, their physiological and pathogenetic significance" by A. Policard, C. Baud Reviewed by A. M. Kaipas, V. F Mashanskii. TSitologiia 3 no. 4, 485-488 Jl-Ag '61.

CZECHOSLOVAKIA—AGRICULTURE, COOPERATIVE
"Laws governing the work of Czechoslovak agricultural cooperatives" by V. Fabri. Translated from the Czech Reviewed by G. Bulatov. Vest. Mosk. un Ser 10: Pravo 16 no. 3:60-62 Jl-S '61.

CZECHOSLOVAKIA—APARTMENT HOUSES
Housing construction in the Czechoslovak Socialist Republic A I Stanislavskii. Visnyk ABiA URSR no 2: 62-65 '61.

CZECHOSLOVAKIA—ARCHIVES
Czechoslovak archival materials concerning Galician history. Milan Švankmajer. Ukr. ist. zhur 5 no. 5: 155-156 S-O '61.

CZECHOSLOVAKIA—ARMED FORCES—POLITICAL ACTIVITY
The efficient helpers of party organizations and commanding officers. V. Nesrsta Komm Vooruzh. Sil 1 no. 2,84-88 O '60.

CZECHOSLOVAKIA—COMMUNIST PARTY
The 40th anniversary of the Communist Party of Czechoslovakia. M. N. Kuz'min. Vest. AN SSSR 31 no. 8: 110-111 Ag '61.

"History of the Communist Pary of Czechoslovakia" [in Czech] by P. Rejman and others. Reviewed by F. I. Firsov Vop ist. KPSS 5 no 5 190-194 '61.

Sukhariev, V. V. [The Communist Party of Czechoslovakia, the militant vanguard of workers] Komunistychna partiia Chekhoslovachchyny - botovyi avangard trudiashchykh. Kyiv, 1961. 47 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 1, no. 8)

CZECHOSLOVAKIA—COMMUNIST YOUTH
The efficient helpers of party organizations and commanding officers. V. Nesrsta Komm. Vooruzh. Sil 1 no. 2:84-88 O '60.

CZECHOSLOVAKIA—EDUCATION, HIGHER
Contacts between Soviet and Czechoslovakian institutions of higher learning will expand even more! V. Kvistek Vest. vys. shkoly 19 no. 8:29-30 Ag '61.

CZECHOSLOVAKIA—FOREIGN RELATIONS

Mel'nikov, E. N. [Foreign policy of the Czechoslovak Socialist Republic] Vneshniaia politika Chekhoslovatskoi Sotsialisticheskoi Respubliki Moskva, Izd-vo in-ta mezhdunarodnykh otnoshenii, 1961. 71 p (Vneshniaia politika mezhdunarodnye otnosheniia)

CZECHOSLOVAKIA—FORGING MACHINERY

Forging and pressing equipment in Czechoslovakia G N Mekhed Biul tekh -ekon inform no 8 92-96 '61

CZECHOSLOVAKIA—FURNITURE

Exhibition of Czechoslovak furniture in Moscow A S Glebov Der prom 10 no 8 25 Ag '61

CZECHOSLOVAKIA—GEOLOGY, STRATIGRAPHIC—CONGRESSES

Geological conference in Ceske Budejovice. O M. Martynova. Paleont zhur. no 1 174 '61

CZECHOSLOVAKIA—HISTORY

Defense of a doctoral dissertation P, K. Ukr. ist. zhur. 5 no. 5:169 S-O '61

CZECHOSLOVAKIA—INDUSTRIES

Largest new construction projects of Poland and Czechoslovakia V P. Maksakovskii Geog v shkole 24 no 4 19-29 Jl-Ag '61.

CZECHOSLOVAKIA—LOOMS

Our experience in the creation of shuttleless looms V. Svaty Tekst. prom 21 no 7 82-83 Jl '61

CZECHOSLOVAKIA—MOTORCYCLE RACING

"Czezet" racing motorcycles Za rul. 19 no.7:29 Jl '61

CZECHOSLOVAKIA—PIPE—WELDING

Welding organization and techniques on the Czech section of the "Druzhba" petroleum pipeline A. S. Fal'kevich Stroi truboprovod 6 no 8,6-8 Ag '61

CZECHOSLOVAKIA—POLITICS AND GOVERNMENT

[Czechoslovakia on the road to socialism] Chekhoslovakiia na puti k sotsializmu. [Napisano redaktsionnym kollektivom gazety Rude Pravo v podarok k IX s"ezdu KPCh. n. p.] Chekhoslovatskoe M-vo informatsii i prosv., 1948. 197 p.
(IaU)

CZECHOSLOVAKIA—POWER PRESSES

Forging and pressing equipment in Czechoslovakia G. N. Mekhed Biul tekh -ekon inform no 8 92-96 '61

CZECHOSLOVAKIA—RAILROAD BRIDGES—MAINTENANCE AND REPAIR

Bridge repairs on Czechoslovak railroads O S Shebiakin Put' i put khoz 5 no 6 45-47 Je '61

CZECHOSLOVAKIA—TECHNOLOGY—PERIODICALS

Technical journals of the Czechoslovak Chamber of Commerce Zhel.dor transp 43 no 8:91 Ag '61.

CZECHOSLOVAKIA—WOOD FINISHING

Use of polyester finishing materials (from "Technické Zprávy vyvoje Nabytkáskeho prumyslu," 1960) Der. prom 10 no 8 32-33 Ag '61.

DAGHESTAN—CANNING INDUSTRY—EQUIPMENT AND SUPPLIES

Experience of Daghestan canning and preserving enterprises in the mechanization and automation of production. I. S. Bogdanova, S M IAstrebov Kons i ov. prom 16 no 6:37-38 Je '61

DAGHESTAN—FINANCE

For successfully carrying out financial plans G. Badelov Fin. SSSR 22 no 8 50-52 Ag '61

'AMINIFERA, FOSSIL

s from boundary deposits of the
in stages of central Daghestan
V. G. Morozova, T A Mos-
no 5 3-30 '61.

ENTARY

n sedimentary rocks of
, N. S. Umakhanova.
-97 '60

hitas. B. K. Chaplygin,
no.9 116-117 S '61.

under Saratov Province

features of the Lebedin
productivity [with sum-
and French]. E. G. Podoba,
aukt 6 no. 8,64-68 Ag '61.

r increasing the produc-
iiatila po povysheniiu
cota, Moskva, Izd-vo
1961. 57 p.

DAIRY CATTLE BREEDING

Increasing the butterfat production of Black and White cattle by pure breeding. A P Ruzheva'kyi Visnyk sil'hosp nauky 3 no 4,80-85 Ap '60

DAIRY PRODUCTS—MICROBIOLOGY

Skvortsova, A. M. [Dietitic and therapeutic fermented milk products, microbiological principles] Dieticheskie i lechebnye kislomolochnye produkty, mikrobiologicheskie osnovy. Izd. 2., ispr. i dop. [Leningrad] Gos. izd-vo med. lit-ry Medgiz, 1961. 203 p. (Biblioteka prakticheskogo vracha)
(DNLM)

DAIRYING

(see also subdivision under Moscow Province, Tokari)

Methodology for determining the optimum sizes of dairy farms, using the example of the non-Chernozem zone IU Novikov Ekon sel'khoz 32 no 8 55-63 Ag '61

DAIRYING—ACCOUNTING see subdivision under Georgia

DAIRYING—COSTS see subdivision under Moscow Province

DAMS

(see also subdivision under Perepadnaya Hydroelectric Power Station)

Calculation of arch dams. G. S Shakhromanov Soob. AN Gruz. SSR 26 no 5 557-564 My '61

Discharge capacity of stone riprap with a flattened profile. B. S Nafiadchikov. Izv vys ucheb zav , stroi i arkhit. 4 no 4 126-132 '61

Mel'nichenko, D. E. [New vacuum spillway dams] Novye vakuumnye vodosbrosnye plotiny. Kiev, Izd-vo Ukrainskoi Akad. sel'khoz. nauk, 1961. 117 p.
[MICROFILM]

Results of observations on the use of soil and biological stabilization of the upper slope of an earth dam. S A. Kremez. Izv vys ucheb zav , stroi i arkhit. 4 no. 4 120-125 '61

Some properties of loess loams important in the construction of dams by the method of mechanized dumping of soil into water S. G Khachaturov, I. A Shneer Gidr i mel. 13 no 8,46-52 Ag '61

State of stress of a gravity dam on a rigid foundation. A I Medovikov. Izv vys ucheb zav , stroi i arkhit. 4 no 4 89-97 '61

DANCING

[Tree interpretive dances] Tri stuzhetnykh tantsa. Moskva, Gos. izd-vo "Iskusstvo," 1961. 122 p. (Repertuar khudozhestvennoi samodeiatel'nosti, no. 12)

DANUBE DELTA—ALGAE

Phytomicrobenthos of the Danube River and bays of the Kiliya Delta [with summary in English]. K. S. Vladimirova. Trudy Inst. gidrobiol. AN URSR no. 36:126-144 '61.

DANUBE DELTA—BENTHOS

Benthos in the Soviet section of the Danube River [with summary in English]. G. A. Olivari. Trudy Inst. gidrobiol. AN URSR no. 36:145-165 '61.

DANUBE DELTA—COYPU

Outlook for raising the muskrat and the coypu in freedom in the Danube Delta [with summary in English] N. K. Vereshchagin Zool zhur. 40 no 9:1411-1415 S '61.

DANUBE DELTA—MUSKRATS

Outlook for raising the muskrat and the coypu in freedom in the Danube Delta [with summary in English] N. K. Vereshchagin Zool. zhur. 40 no. 9:1411-1415 S '61

DANUBE DELTA—PHYTOPLANKTON

Phytoplankton in the Soviet section of the Danube River, its arms and bays [with summary in English]. IA. V. Roll. Trudy Inst. gidrobiol. AN URSR no. 36:70-93 '61.

DANUBE DELTA—WATER—COMPOSITION

Hydrological and hydrochemical characteristics of the Soviet section of the Danube River [with summary in English]. A. M. Almazov, IU. G. Maistrenko. Trudy Inst. gidrobiol. AN URSR no. 36:13-36 '61.

DANUBE DELTA—WATER—MICROBIOLOGY

Bacterial plankton in the lower course of the Danube River (within the U.S.S.R.) [with summary in English]. D. Z. Gak. Trudy Inst. gidrobiol. AN URSR no. 36.50-69 '61.

DANUBE DELTA—WATER—POLLUTION

Degree of water pollution in the Danube River [with summary in English]. IA. V. Roll. Trudy Inst. gidrobiol. AN URSR no. 36:94-102 '61.

DANUBE DELTA—ZOOPLANKTON

Zooplankton in the Soviet section of the Danube River [with summary in English]. IA. IA. TSeeb. Trudy Inst. gidrobiol. AN URSR no. 36:103-127 '61.

DANUBE DELTA REGION—FISHERIES

Fishery characteristics of the lower reaches of the Danube River and coastal waters near its mouth [with summary in English]. N. E. Sal'nikov. Trudy Inst. gidrobiol. AN URSR no. 36 271-311 '61.

DANUBE RIVER—FISHERIES—RESEARCH

From the editor. IA. V. Roll. Trudy Inst. gidrobiol. AN URSR no. 36 3-9 '61.

DANUBE RIVER—STURGEONS

State of sturgeon stocks and fisheries in the Danube River [with summary in English]. N. F. Sal'nikov. Trudy Inst. gidrobiol. AN URSR no. 36:166-182 '61.

DARGAN-ATA REGION—SPRINGS

Spring in the Dargan-Ata region. M K. Kaldarov. Izv AN Turk SSR. Ser. fiz -tekh , khim. i geol nauk no 1 108-110 '61.

DARKLING BEETLES see subdivision under Tajikistan

DARVAZA RANGE—PSATHYROSTACHYS

The Psathyrostachys Kirgenenburgii (Hauk.) Nevski formation in the Darvaza Range N P. Akul'shina Izv. Otd sel'khoz i biol nauk AN Tadzh SSR no 1 45-49 '60

DARVAZA RANGE—SWAMPS

Alpine bogs in the central part of the Darvaza Range N. P Akul'shina. Izv. Otd sel'khoz i biol. nauk AN Tadzh SSR no 1 35-14 '60

DASTAKERT—ORE DRESSING

Reducing molybdenum losses in copper concentrates at the Dastakert Ore-Dressing Plant. S. Akmaeva, L. Asatrian. Prom. Arm. 4 no.8 67-68 Ag '61.

DAVIS STRAIT—TIDES

Computing semidiurnal tides (M_2) in the Baffin Bay and the Davis Strait by G. V. Polukarov's method. V. M Al'tshuler, O A Vladimirov. Trudy GOIN no. 64 112-117 '61.

DEAD SEA SCROLLS

A new study on the history of religion ("Dead Sea scrolls" by I D Amusin. Reviewed [in English] by M Gel'tser) Vest. ist. mir kul't. no. 1 161-167 Jl-Ag '61

DEATH

Role of the adrenopituitary system in the restoration of vital functions after clinical death [with summary in English] M. G Kolpakov Biul. eksp. biol i med 51 no 4 32-39 Ap '61

DEBORIN, ABRAM MOISEEVICH, 1801-

Celebration in honor of Academician A M Deborin. Vest. AN SSSR 31 no. 8:105-106 Ag '61.

A session in honor of Academician A. M. Deborin. Vop ist. no. 9 116-117 S '61

DECCA NAVIGATION

Bykov, V. I., and IU. I. Nikitenko. [Phase radio navigation system, Decca-Navigator] Fazovaia radionavigatsionnaia sistema "Dekka-Navigator." Moskva, Izd-vo "Morskoi transport," 1961. 150 p. (Biblioteka sudovoditelei morskogo flota)

DECEIT see Fraud

DECEMBRISTS

A. N. Kuntsyn and the Decembrists. F. N Smirnov. Vest. Mosk. un. Ser. 9 Ist 16 no 5:60-69 S O '61.

DECENE

Alkylation of thiophene with octylenes and decenes in the presence of sulfuric acid [in Azerbaijani with summary in Russian]. I. D. Sadykhov. Azerb. khim zhur no 6 51-57 '60.

DECIMAL SYSTEM—STUDY AND TEACHING

Some laws governing the process of mastering the positional principle in the decimal system by children A. M. Matiushkin. Dokl. APN no 1:67-73 '61

Working with the motion picture "Metric system" in the sixth grade. V. V. Solov'ev. Fiz. v shkole 21 no 3,86 My-Je '61.

DECOMPRESSION SICKNESS

Case of pronounced barotrauma of the lungs with arterial gas embolism V. A. Misnikov, G. V Mashkov Voen.-med. zhur no. 5 77-79 My '61.

Explosive decompression during cabin depressurization N. P. Beliaev. Voen. -med. zhur. no. 5:72-75 My '61

DECONTAMINATION (FROM GASES, CHEMICALS, ETC.)

Reducing the discharge of harmful gases into the atmosphere during the concentration of sulfuric acid G. S Rybalkov, A. S. Titov. Khim. prom. no. 8:572-573 Ag '61

DECORATION, INTERIOR see Interior decoration

DECORATIONS OF HONOR

Description of the chest decoration, "flyer-cosmonaut of the U.S.S.R." M. Georgadze. Vest. Vozd. Fl. no. 7: 4 Jl '61.

The Order of Lenin. M. Mal'tsev. Komm. Vooruzh. Sil 1 no. 7:54-59 Ap '61.

DECORATIONS OF HONOR, ACADEMIC

Gold medals and personal premiums of the Academy of Sciences of the U.S.S.R. in 1962. Vest. AN SSSR 31 no. 8:102-103 Ag '61.

DEEP-SEA DEPOSITS see subdivision under Azerbaijan

DEEP-SEA SOUNDING

Azhazha, V.G. ["Severianka" leaves for the ocean] "Severianka" ukhodit v okean. Moskva, Gos. izd-vo geogr. lit-ry, 1961. 111 p. (Puteshestvila, prikliucheniia, fantastika)

DEEP-SEA TEMPERATURE

Testing deep-sea thermometers for measurement accuracy. N.D. Borisov. Trudy GOIN no. 63:101-107 '61.

DEFENSE (CRIMINAL PROCEDURE)

Important part of the work of attorneys at law. G. Shafir. Sov. iust. no. 17:12-13 S '61.

DEFENSES, NATIONAL see also subdivision 'Defenses' under Germany, West

DEFORMATIONS (MECHANICS)

Applicability of the principle of equivalence of the temperature and deformation rate on the bearing stress of nickel and of nichrome containing 18 3 at % Cr. V.F. Sukhovarov. Izv. vys. ucheb. zav., fiz. no. 3:147-154 '61.

Changes in temperature in the elastic deformation of bodies. A. Filatov. Fiz. v shkole 21 no. 3:61 My-Je '61.

Comment on one problem of the axisymmetric deformation of an infinite circular cylinder made from transversely-isotropic material. A.A. Babloian. Dokl. AN Arm. SSR 32 no. 4:189-195 '61.

Deformation calculation of frame systems composed of thin-walled elements. A.A. Derkachev. Izv. Otd. geol. khim. i tekh. nauk AN Tadzh. SSR no. 1:13-21 '59.

Effect of annealing on the decrease in the damping of an alternating elastic-plastic flexure. R.I. Garber, I.I. Soloshenko. Fiz. met. i metalloved. 12 no. 1:153-155 Jl '61.

Effect of deformations and of a magnetic field on exciton absorption in cubic crystals. A.G. Zhilich. Fiz. tver. tela 3 no. 7:2011-2047 Jl '61.

Elastic plastic deformations caused by a considerable number of cyclic loadings. V.V. Moskvitin. Vop. mekh. no. 193:42-51 '61.

Formula to determine the center of the flexure of an anisotropic prismatic rod of symmetrical cross section. V.S. Sarkisian. Dokl. AN Arm. SSR 32 no. 4:197-203 '61.

Fundamentals of the theory of brittle fracture. M.IA. Leonov. PMTF no. 3:85-92 S-O '61.

General relationships of the dimensionless parameter method in axisymmetric problems in the theory of slight elastic-plastic deformations. L.V. Ershov, V.N. Tellanis. PMTF no. 3:101-106 S-O '61.

Investigating stressed state and the strength of solids subjected to elastic plastic cyclic deformation. S.V. Serensen, R.M. Shneiderovich. Izv. AN SSSR Otd. tekh. nauk. Mekh. i mashinostr. no. 4:136-140 Jl-Ag '61.

Investigating the effect of a transverse stroke against a flexible thread in a continuum (large deformations). P.A. Rakhmanov. Izv. AN Azerb. SSR, Ser. fiz.-mat. i tekh. nauk no. 6:37-47 '60.

Kinetics of the formation of jags on deformation diagrams. N.N. Davidenkov. Fiz. tver. tela 3 no. 8:2458-2465 Ag '61.

Law of deformations for highly elastic materials. G.M. Bartenev, L.A. Vishnitskaia. Izv. AN SSSR Otd. tekh. nauk Mekh. i mashinostr. no. 4:175-177 Jl-Ag '61.

Mechanism of the deformation of metals. P.G. Kirillov. Trudy Inst. ind. fiz. AN Kazakh SSR 4:3-8 '61.

Method of determining dynamic characteristics of soils at high pressures. N.A. Alekseev. [Trudy] NIIOSP no. 41,95-102 '61.

Monotony of the plastic deformation process. O.T. Korzhenko. Izv. vys. uchheb. zav.; tsvet. met. 4 no. 4:124-133 '61.

Nuclear magnetic resonance in elastically deformed rock salt [with summary in English]. V.V. Lemanov. Zhur. eksp. i teor. fiz. 40 no. 3:775-779 Mr '61.

Plastic deformation of pipe billets by hydrostatic pressure. A.D. Matveev. Kuz.-shtam. proizv. 3 no. 8:1-5 Ag '61.

Rate of growth of cracks in the plastic failure of metals. V.F. Lozovskaia, P.O. Pashkov, A.V. Serebrinkov. PMTF no. 1:103-109 My-Je '60.

Rigid-plastic equilibrium underneath a stamp. IU.I. Solov'ev. Izv. Sib. otd. AN SSSR no. 7:13-22 '61.

Stability of the equilibrium of compressed and bent thin rods in the case of inelastic deformations. G.V. Ivanov. PMTF no. 3:74-84 S-O '61.

Studying the effect of plastic and elastic deformation on the coercive force of ordered and unordered alloys. I.IA. Dekhtiar, D.A. Levina. Fiz. met. i metalloved. 12 no. 1:30-37 Jl '61.

Time effects in a glass-cloth laminate in connection with deformation [with summary in English]. V.A. Lomakin, P.M. Ogibalov, I.M. Tiuneeva. Vest. Mosk. un. Ser. 1: Mat., mekh. 16 no. 4:39-47 Jl-Ag '61.

Total static diagrams for stressed deformations of steel ropes. P.M. Ogibalov, I.M. Tiuneeva. Vop. mekh. no. 193:52-56 '61.

DEHYDRATED FRUIT see Fruit, Dried

DEHYDROGENATION

Catalytic dehydrogenation of benzene fractions from characteristic Baku crudes [in Azerbaijani with summary in Russian]. B.A. Dadashev, G.G. Alimamedova, K.A. Kulieva. Azerb. khim. zhur. no. 2:61-68 '60.

Catalytic dehydrogenation of ethylcyclohexane in the benzene fraction of Peschanyy Ostrov crudes [in Azerbaijani with summary in Russian]. B.A. Dadashev, G.G. Alimamedov, Z.K. Agamirzoeva. Azerb. khim. zhur. no. 3:37-42 '60.

Chemical processing of oil reservoir gases of Azerbaijan. Report No. 1. Dehydrochlorination of polychloro derivatives. Sh.B. Aliev. Azerb. khim. zhur. no. 4:45-55 '60.

Dehydrogenation of a vat residue after the removal of cumene by distillation from a catalizate obtained in the alkylation of benzene with propylene in the presence of aluminum. D.A. Akhmedzade, V.D. [Asnopol'skii], S.I. Avetisian. Azerb. khim. zhur. no. 1:55-64 '61.

Effect of the principal parameters of the "fluidized" bed process on the effectiveness of isobutane dehydrogenation. V.S. Aliev, A.F. Azizov. Azerb. khim. zhur. no. 1:27-31 '60.

Preparation of p-tert-butylphenol based on the C_4 fraction obtained from butane dehydrogenation products. M.A. Dalin, R.I. Spivak, P.T. Burmistrov. Azerb. khim. zhur. no. 6:21-25 '60.

DEKHTEREV, BORIS ALEKSANDROVICH, 1908-

Nikiforaki, N. Dekhterev. Moskva, "Iskusstvo," 1959. 41 p. plates. (RPB)

DELIVERY OF GOODS (LAW)

Decisions of arbitration agencies. Sov. iust. no. 17:32 S '61.

Let's protect socialist property in every possible way. A. Zasukha. Sots. zakon. 38 no. 9:74-75 S '61.

Shapkina, G.S. [Preparation of delivery of goods contracts and the arbitration of precontract disputes] Oformlenie postavok dogovorami i razreshenie predogovornykh sporov. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 101 p. (Bibliotechka khoziaistvennika i rabotnika iuridicheskoi sluzhby)

DELONE, BORIS NIKOLAEVICH, 1891-

Boris Nikolaevich Delone on his 70th birthday. I.R. Shafarevich. Usp. mat. nauk 16 no. 3:239-244 My-Je '61.

DEMOGRAPHY

Correlation of demography and social sciences in capitalist countries. Alfred Sauvy. Vop. filos. no. 6:91-101 '57.

Some problems of demography. E.A. Arab-Ogly. Vop. filos. no. 6:102-108 '57.

DEMOUNTABLE BUILDINGS see Buildings, Prefabricated

DEMURRAGE (CAR SERVICE)

Penalties or tariff rates? K.N. Malakhov, S.V. Shchedurskii. Zhel.-dor. transp. 43 no. 9:39-42 S '61.

DENGIZSKIY DISTRICT—SHEEP—DISEASES AND PESTS

Controlling fascioliasis in sheep in Dengizskiy District of Guryev Province. D.K. Karabaev, M. Amangaliev. Vest. sel'khoz. nauki [Kazakh.] 4 no. 1:58-63 Ja '61.

DEPARTMENT STORES see subdivision under Taldy-Kurgan District

DEPOLYMERIZATION

Depolymerization of collagen fibers (from "The Journal of the American Leather Chemists Association," no. 10, 1960). L.S. Rabinovich. Kozh.-obuv. prom. 3 no. 6:31 Je '61.

DERIABIN, ALEKSANDR EFREMOVICH, 1905-1961

Aleksandr Efremovich Deriabin. Kozh.-obuv. prom. 3 no. 6:29 Je '61.

DERMATITIS see Skin—Diseases

DERMATOSCLEROSIS see Scleroderma

DESERTION AND NONSUPPORT

A large family. Ul. Miazhevich. Belarus' 18 no. 9:17-18 S '61.

DESIGN, INDUSTRIAL

New machinery and new lines. Znan. ta pratsia no. 8:6 Ag '61.

DESORPTION

Dynamics of the desorption of iodine from silica gel. M.V. Tovbin, V.P. Musiienko. Visnyk Kyiv. un. no. 2. Ser. fiz. ta khim. no. 1:87-93 '59.

Heat capacity and desorptive ability of aluminosilicate catalysts [with summary in English]. B.S. Belosel'skii, Bi TSze-tszin [Pi Tsê-ching]. V.K. Sollakov. Inzh.-fiz. zhur. 4 no. 9:104-107 S '61.

Investigation of hydrogen and deuterium desorption from palladium by means of a pulse mass spectroscope. IU.L. Bellakov, N.I. Ionov. Zhur. tekh. fiz. 30 no. 2:216-222 F '60.

DESOXYRIBONUCLEIC ACID

Effect of gamma irradiation on the synthesis of desoxyribonucleic acid in isolated cell nuclei of the thymus gland. Report No. 1: Incorporation of formate-S^{14} and adenine-C^{14} into nitrogenous bases of desoxyribonucleic acid of isolated nuclei. E.V. Budilova. Radiobiologiia 1 no. 3:333-335 '61.

Qualitative changes in the desoxyribonucleic acid of pea seedlings following gamma irradiation. V.I. Tokarskaia. Radiobiologiia 1 no. 3:330-332 '61.

DESTROYERS (WARSHIPS)

Communists of the foremost warships. G. Kurov, V. Shutov. Komm. Vooruzh. Sil 1 no. 17:58-59 S '61.

In the struggle for the foremost warship. V. Nikolaev. Komm. Vooruzh. Sil 1 no. 2:59-61 Ja '61.

Let's carefully train the commanding officers of small warships. G. Kurov. Komm. Vooruzh. Sil 1 no. 1:43-46 N '60.

DESULFURATION

Effect of technological factors on the desulfuration of cast iron by the reduction of certain active metals. M.A. Rabkin and others. Izv. vys. ucheb. zav., chern. met. 4 no. 7:36-43 '61.

DETERMINATIVE MINERALOGY see Mineralogy, Determinative

DETONATION

Application of Rozhdestvenskii's interferometric method for the study of gas dynamic processes in discharge tubes. IU.A. Dunaev, G.K. Tumakaev, A.M. Shukhtin. Zhur. tekh. fiz. 31 no. 9:1119-1126 S '61.

Detonation of acetylene. R.I. Soloukhin. PMTF no. 1:18-20 My-Je '60.

Mechanism of combustion by detonation. IU.N. Denisov, IA.K. Troshin. PMTF no. 1:21-35 My-Je '60.

DETONATIONS see Acoustic phenomena in nature

DEUTERIUM

Absorption of deuterium by aluminum cathodes in a gaseous discharge [with summary in English]. A.A. Rodina. Zhur. fiz. khim. 35 no. 8:1657-1660 Ag '61.

Investigation of hydrogen and deuterium desorption from palladium by means of a pulse mass spectroscope. IU.I. Bellakov, N.I. Ionov. Zhur. tekh. fiz. 30 no. 2:216-222 F '60.

Penetration of deuterium ions into zirconium during an electric discharge through gases [with summary in English]. A.A. Rodina. Zhur. fiz. khim. 35 no. 8:1661-1665 Ag '61.

Pulverization of metals by fast deuterium ions. V.D. Tishchenko. Ukr. fiz. zhur. 6 no. 3:117-118 My-Je '61.

DEVELOPMENT see Growth

DIABETES

Case of diabetic coma in youth. G.N. Morozov. Voen.-med. zhur. no. 6:80 Je '61.

Changes in the higher nervous activity of patients with diabetes mellitus. Report No. 1. N.S. Dantlova. Probl. endok. i gorm. 7 no. 4:89-96 '61.

Dynamics of protein and lipoprotein fractions in the blood serum in patients with diabetes mellitus during insulin therapy. P.A. Silinitskii. Probl. endok. i gorm. 7 no. 4:101-105 '61.

Treatment of diabetics with sorbitol concentrates. I.N. Vol'per, A.M. Shapiro. Kons. i ov. prom. 16 no. 6:24-25 Je '61.

DIAGNOSIS, FLUOROSCOPIC

Detection of pulmonary tuberculosis by two-stage fluorography. IA.A. Gabal, E.L. Ioffe. Voen.-med. zhur. no. 5:81 My '61.

Operation of fluorographic apparatus. V.IA. Kostin. Voen.-med. zhur. no. 5:80 My '61.

D'IAKONOV, ALEKSANDR PETROVICH

Leading airmen of Russia. A. Larenok. Grazhd. av. 18 no. 8:15 Ag '61.

DIALECTICAL MATERIALISM

Kovalgin, V.M. [How Marxist philosophy struggles against idealism and metaphysics] Marksistskaia filosofiia protiv idealizma i metafiziki. Minsk, Gos. izd-vo sotsial'no-ekon. lit-ry, 1961. 131 p.

Law of the negation of negation. Vop. filos. no. 6:164-172 '57.

"Marxism-Leninism-Stalinism" [in German] by M. Lange. Reviewed by N.V. Karabanov. Vop. filos. no. 6:205-206 '57.

Orlov, V.V. [Dialectical materialism and psychophysiology] Dialekticheskii materializm i psikhofiziologicheskaia problema. Perm', Permskoe knizhnoe izd-vo, 1960. 200 p. (MH)

DIALECTICAL MATERIALISM (Continued)

Special problems concerning the law of the unity and struggle of opposites and its role in a socialist society [with summary in English] V. IA El'meev, A. P. Kazakov. Vest. LGU 16 no. 17 63-73 '61

Vysheslavtsev, B. P. [Philosophical poverty of Marxism] Filosofskaia nishcheta marksizma. Izd. 2. Frankfurt am Main, Posev, 1957. 232 p. (CLU)

DIALING

Effect of exercises on the ability to read control instruments. T. I. Zhukova, K. K. Platonov. Dokl. APN no. 1 7-8 '61.

DIAMAGNETISM

Electronic polarizability and diamagnetic susceptibility of neutral atoms in the Thomas-Fermi model [with summary in English] T. Titts. Zhur. eksp. i teor. fiz. 40 no. 6; 1699-1701 Je '61

DIAPHRAGM—HERNIA

Traumatic diaphragmatic hernia [in Georgian with summary in Russian] M. E. Komakhidze. Trudy Inst. eksp. morf. AN Gruz. SSR. 6 241-250 '60.

DIASTASE see Amylase

DIATHESIS

Exudative diathesis and eczema in children. E. L. Kifer. Vop. okh. mat. i det. 6 no. 7:43-47 Jl '61

DIATOMS

Diatoms. G. K. Barashkov. Priroda 50 no. 9:110-112 S '61.

DICTATION (EDUCATIONAL METHOD)

Role of preventive dictations in studying the orthography of the parts of speech. N. P. Konlukhov. Dokl. APN no. 1:13-16 '61

DICTATORSHIP OF THE PROLETARIAT

Historical mission of the dictatorship of the proletariat. A. Butenko. Kommunist 38 no. 14, 48-59 S '61.

DICTION

Is an actor able to speak? Vera Baliuna. Teatr. 22 no. 9 61-63 S '61

DIELECTRIC CONSTANTS

Application of resonance delaying systems for measuring the dielectric permeability of a substance at superhigh frequencies. K. P. IAtsuk, G. N. Bychkova. Zhur. tekh. fiz. 30 no. 2 165-167 F '60.

DIELECTRIC HEATING

Birlukov, V. A. [Dielectric heating and drying of wood] Protsessy dielektricheskogo nagreva i sushki drevesiny. Moskva, Goslesbumizdat, 1961. 147 p.

DIELECTRICS

Kinetics of the e. m. f. of high-voltage polarization in dielectrics. M. L. Chetkarov. Fiz. tver. tela. 3 no. 8 2193-2195 Ag '61

Methods for measuring an emf. of high-voltage polarization. O. I. Prokopalo. Fiz. tver. tela 2 no. 2 302-305 F '60

Methods for measuring the dielectric permeability of a substance at superhigh frequencies. V. P. Shestopalov, K. P. IAtsuk. Usp. fiz. nauk 74 no. 4, 721-755 Ag '61.

DIELECTRICS—THERMAL PROPERTIES

Absorption of hypersound in dielectrics in the case of a temperature gradient. L. M. Gorbunov. Fiz. tver. tela 3 no. 7; 2051-2053 Jl '61

DIE[illegible]T OF RADIATION ON

ition on the conductivity of di- Fiz. tver. tela 3 no. 8; 2264-

ent in dielectrics subjected to gam- f. Vul. Dokl. AN SSSR 139 no. 6

)

I. T. Filiaev. Kuz.-shtam. proizv.

ooved inserts. G. I. Rabinovich, z.-shtam. proizv. 3 no. 8; 46-47

A. S. TSyganov. [Making dies for lastics on an epoxy resin base] r dlia kholodnoi shtampovki s na osnove epoksidnykh smol. p. (Leningradskii Dom nauchno- ndy. Obmen peredovym opytom. ampovka, no. 8)

lies; blocks, die sets and parts of sign and workpiece dimensions] oi shtampovki; bloki, pakety i itel'nykh shtampov. Konstruktsii ary. Moskva, Gos. izd-vo stan- Normali mashinostroeniia SSSR)

/ER PLANTS

crepancies of the cylinders of parallel operation. I. D. Kabanov, sis. 32 no. 6 47-49 Je '61.

DIESEL ENGINES

Designing impulse pressure feeding systems of two-cycle diesel engines. A. A. Toropov, V. F. Makivchuk. Energomashinostroenie 7 no. 7 37-39, 48 Jl '61

Diesel lubricants used abroad. V. A. Somov. Energomashinostroenie 7 no. 7 47-48 Jl '61

Microstructural changes in the surface layers of materials subjects to friction in the main parts of diesel engines. G. L. Gluzman. Energomashinostroenie 7 no. 5 34-35 My '61

New developments in diesel engineering abroad (conclusion) V. IU. Gittis. Energomashinostroenie 7 no. 7 46-47 Jl '61

DIESEL ENGINES—COLD WEATHER OPERATION

Engineer Zhirnov's victory. B. Grigor'ev. Nauka i zhizn' 28 no. 7:33 Jl '61

DIESEL FUELS

Group analysis of sulfur compounds in diesel fuels by potentiometric titration. I. A. Rubinshtein, Z. A. Klein-menova, F. P. Sobolev. Metod. anal. org. soed. nefti, ikh smes i proizv. no. 1 74-100 '60

Improving the quality of diesel fuel by using additives. M. A. Mardanov, K. G. Veliev, V. K. Molotkova. Azerb. neft. khoz. 40 no. 6 35-37 Je '61.

Preventing emulsion formation in the alkali refining of petroleum products by means of electrolytes. R. G. Ismailov, L. N. Fiumen. Khim. i tekh. topl. i masel 6 no. 8 28-31 Ag '61

Synthesis and study of the SB-3 (barium sulfonate-3), a new sulfonate additive to motortruck oils. A. M. Kuliev, K. I. Sadykhov, M. A. Mamedov. Azerb. khim. zhur. no. 6 77-82 '60

Trial system of fuel preparation devised by the Central Scientific Research Institute for the Merchant Marine for gas turbine plants. R. M. IUtkevich. Trudy TSNIIMF 7 no. 34 103-111 '61.

DIESEL LOCOMOTIVES
(see also subdivision under Kharkov)

Goncharov, IU. G., T. TS. Gankevich, and V. E. Petrov. [Operation and maintenance of a diesel locomotive] Upravlenie teplovozom i ego obsluzhivanie. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 180 p. diagrs.

Kalmykov, A. M., and P. I. Bershadskii. [Design and operation of M751 and M753 diesel engines for locomotives] Ustroistvo teplovoznykh dizelei M751 i M753. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 58 p. (Novaia zheleznodorozhnaia tekhnika)

Ushakov, S. S. [Advantages of electric and diesel traction] Preimushchestva elektricheskoi i teplovoznoi tiagi. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 45 p. (V pomoshch' izucha-iushchim ekonomiku zheleznodorozhnogo transporta)

Ways of improving the series circuit for slippage prevention in TEZ diesel locomotives. S. A. Gromov, L. K. Filippov. Vest. TSNII MPS 20 no. 5 26-29 '61

Wear of the piston rings of the 2D100 diesel locomotive engine. V. V. Abramov. Vest. TSNII MPS 20 no. 5 41-43 '61.

DIESEL LOCOMOTIVES—COOLING

Dynamic strength of the cooler fan wheels of TEZ and TE10 diesel locomotives. M. V. Blokh and others. Vest. TSNII MPS 20 no. 5 21-25 '61.

DIESEL LOCOMOTIVES—MAINTENANCE AND REPAIR
(see also subdivision under Tashkent)

Russia (1923- U. S. S. R.) Ministerstvo putei soobshcheniia. [Regulations for the current maintenance and repair of series TE3 and TE7 diesel locomotives] Pravila tekushchego remonta teplovozov serii TE3 i TE7. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 433 p.

DIET

Regeneration of islet tissue under various nutritional conditions and in hypo- and hyperthyroidism [with summary in English]. L. N. Kuleshova. Biul. eksp. biol. i med. 51 no. 5 94-98 My '61.

DIET IN DISEASE

Diet for persons suffering from ulcers and chronic gastritis. K. Prostiakov. Obshchestv. pit. no. 7; 50-53 Jl '61.

Diet in nephrolithiasis. V. Nikolaeva. Obshchestv. pit. no. 6; 52-55 Je '61.

DIETHYLENE GLYCOL

Synthesis of monomethyl ethers of ethylene glycol and diethylene glycol. E. D. Korneva, A. I. Rybnikova. Zhur. prikl. khim. 34 no. 8, 1875-1878 Ag '61.

DIFFERENCE EQUATIONS

Convergence of difference systems for the heat conduction equation with variable coefficients. N. N. IAnenko, IU. E. Boiarintsev. Dokl. AN SSSR 139 no. 6 1322-1324 Ag '61.

Homogeneous difference equations. A. N. Tikhonov, A. A. Samarskii. Zhur. vych. mat. i mat. fiz. 1 no. 1; 5-63 Ja-F '61.

Meromorphic solutions to differential difference equations. A. G. Naftalevich. Usp. mat. nauk 16 no. 3, 191-196 My-Je '61.

More exact definition of the theorem of the finite difference for the function $\pi(x)$. T. M. Bazhenova. Ukh. zap. Kuib. gos. ped. inst. no. 29 21-21 '59.

Uniform difference systems of a high order of accuracy on nonuniform nets. A. N. Tikhonov, A. A. Samarskii. Zhur. vych. mat. i mat. fiz. 1 no. 3 425-440 My-Je '61

DIFFERENTIAL CALCULUS see Calculus, Differential

DIFFERENTIAL EQUATIONS

Analytical structure of the solution of an equation of integral curves of a system of two differential equations in certain cases. A. N. Erugin. Ukr. mat. zhur. 13 no. 2 224-226 '61

Approximation method for solving the boundary value problem for the equation $\Delta\Delta\varphi - \lambda^2 \Delta\varphi = 0$. K. B. Sandzhieva. Izv. An Arm. SSR, Ser. fiz.-mat. nauk 14 no. 3, 25-34 '61.

Calculation of equations for determining the energy levels of an ionized hydrogen molecule. A. A. Abramov, V. L. Ul'ianova. Zhur. vych. mat. i mat. fiz. 1 no. 2 351-354 Mr-Ap '61.

Developing the asymptotic solution for an autonomous system with a high degree of nonlinearity [with summary in English] IU. O. Mytropol'skyi, P. M. Sen'ko. Dop. AN URSR no. 7 839-844 '61.

Discontinuities in heat capacity and the equations of fusion. M. P. Mokhnatkin. Zhur. tekh. fiz. 30 no. 2 248 F '60

Eigenvalues of certain degenerating elliptic equations. I. A. Solomeshch. Mat. sbor. 54 no. 3 295-310 Jl '61

Equation for a boson doublet [with summary in English] Kh. Yiglane, G. Kutuzova. Zhur. eksp. i teor. fiz. 40 no. 3; 780-781 Mr '61.

Equation of quantum mechanics in the case of geometric coupling. I. S. Arzhanykh. Izv. AN Uz. SSR, Ser. fiz.-mat. nauk 3; 13-21 '61.

Evaluation of the inaccuracies occurring in the derivation of approximate solutions to simple equations of gas dynamics. S. K. Godunov. Zhur. vych. mat. i mat. fiz. 1 no. 4 622-637 Jl-Ag '61

Expansion by eigenfunctions of a non-self-adjunct differential operator of arbitrary even order on the semi-axis [0, ∞]. V. N. Funtakov. Izv. AN Azerb. SSR, Ser. fiz.-mat. i tekh. nauk no. 6 3-19 '60

Gårding, L. [Cauchy's problem for hyperbolic equations. Translated from the English] Zadacha Koshi dlia giperbolicheskikh uravnenii. Pod red. A. A. Dezina. Moskva, Izd-vo inostr. lit-ry, 1961. 120 p. (Biblioteka sbornika "Matematika")

Integral representation of the solution to the Cauchy Gursa problem. S. P. Pul'kin. Uch. zap. Kuib. gos. ped. inst. no. 29; 25-40 '59.

Iterative process with minimum errors for a nonlinear operator equation. V. M. Fridman. Dokl. AN SSSR 139 no. 5 1063-1066 Ag '61.

L. P. Vereteennikova and D. V. Vilesov's article "Problem of different ways of writing Gorev-Park differential equations (in ψ variables)" and L. P. Vereteennikova's article "Classification of Gorev-Park differential equations." N. N. Skripchenko. Elektrichestvo no. 4 88 Ap '61.

Method of estimating from above the number of periodic solutions to an autonomous sytem of two differential equations. M. I. Vollokov. Usp. mat. nauk 16 no. 3 159-162 My-Je '61.

Nonstationary oscillations of nonlinear systems with by gyroscopic terms, taking the connection with a low-energy source into account. V. A. Grobov. Ukr. mat. zhur. 13 no. 2; 220-223 '61.

Numerical solution of a one-dimensional problem for equations involving nonstationary filters. V. F. Baklanovskaia. Zhur. vych. mat. i mat. fiz. 1 no. 3 461-469 My-Je '61.

Numerical solution of one problem of nonstationary filtrations. V. F. Baklanovskaia. Zhur. vych. mat. i mat. fiz. 1 no. 1, 105-112 Ja-F '61.

One approximate method of solving the Schrödinger equation. V. B. Uvarov, A. F. Nikiforov. Zhur. vych. mat. i mat. fiz. 1 no. 1; 177-178 Ja-F '61.

One method of solution of the characteristic equation of the theory of radiative transfer. M. V. Maslennikov. Zhur. vych. mat. i mat. fiz. 1 no. 2; 355-366 Mr-Ap '61

A priori estimations for the solution of a difference analog of a parabolic differential equation. A. A. Samarskii. Zhur. vych. mat. i mat. fiz. 1 no. 3 441-460 My-Je '61.

Quasi-classical asymptotic method of solution of certain problems in mathematical physics. V. P. Maslov. Zhur. vych. mat. i mat. fiz. 1 no. 4; 638-663 Jl-Ag '61

Remarks on the equation describing the exponent of the adiabatic of wet steam. M. P. Vukalovich, I. I. Novikov. PMTF no. 3; 108-110 S-O '61.

Solution of a system of plastic equilibrium equations for a flat stressed state by means of cyclization [with summary in English]. M. A. Lukomskaia. Inzh.-fiz. zhur. 4 no. 9; 108-110 S '61.

Solution of nonlinear equations of the motion of a viscous incompressible liquid in a space between two adjacent surfaces. G. P. Vypov. PMTF no. 1; 75-82 My-Je '60

System of differential equations of the drying process [with summary in English]. M. S. Smirnov. Inzh.-fiz. zhur. 4 no. 9; 40-44 S '61.

DIFFERENTIAL EQUATIONS (Continued)
Uniqueness of the solution to the inverse problem of metaharmonic potential A I Prilepko. Dokl AN SSSR 139 no. 6 1308-1310 Ag '61

DIFFERENTIAL EQUATIONS—NUMERICAL SOLUTIONS
Numerical quasi-stationary solution of a system of one-dimensional parabolic equations V. F. Baklanovskaia, A. D. Kutasov, M. G. Neigaus. Zhur vych mat i mat fiz. 1 no. 2:354-357 Mr-Ap '61
Numerical solution of the equations of gas dynamics involving different types of viscosity A. A. Samarskii, V. IA. Arsenin. Zhur vych mat. i mat fiz 1 no 2:357-360 Mr-Ap '61.

DIFFERENTIAL EQUATIONS, LINEAR
Boundary value problems for linearized Navier-Stokes equations for the case of limited viscosity N N Moiseev Zhur vych mat i mat fiz 1 no 3 548-550 My-Je '61.
Cauchy's problem for certain systems of linear partial differential equations. IU. V. Sidorov. Mat sbor 54 no. 4:453-468 Ag '61
Establishment of nonhomogeneous systems of partial linear equations with constant coefficients. Hou T'ien-hsiang. Mat. sbor 54 no. 4:411-424 Ag '61
Factorization of a linear differential expression V F. Zhdanovich. Usp. mat nauk 16 no. 4 155-159 Jl-Ag '61.
Linear differential equations having small coefficients with several major derivatives near the nonessential singularity of the equation M. M Khapaev Usp mat nauk 16 no 4 187-194 Jl-Ag '61.
Numerical solution to boundary value problems for systems of linear ordinary differential equations. S K. Godunov. Usp. mat nauk 16 no 3:171-174 My-Je '61.
Periodic solutions to boundary value problems without initial conditions for quasi-linear parabolic equations. I. I. Shmulev. Dokl. AN SSSR 139 no. 6,1318-1321 Ag '61.
Separation of variables in equations of the statics of the theory of elasticity. I P TSai Izv. AN Uz SSR, Ser. fiz -mat. nauk 3:22-33 '61.
Solution of boundary value problems for a parabolic equation with discontinuous coefficients L I Kamynin Dokl AN SSSR 139 no 5 1048-1051 Ag '61.
Transfer of boundary conditions for systems of ordinary linear differential equations (variant of the selection method). A. A. Abramov. Zhur. vych. mat. i mat. fiz 1 no. 3,542-545 My-Je '61.
Transfer of the boundary conditions for certain systems of ordinary linear differential equations. A. A. Abramov. Zhur. vych. mat. i mat fiz 1 no 4:733-737 Jl-Ag '61.

DIFFERENTIAL EQUATIONS, PARTIAL
Basic equations of the permeability of compressible porous media. Ban Akosh, K. S. Basniev, V. N. Nikolaevskii. PMTF no. 3:52-55 S-O '61.
Characteristics of solutions to elliptic equations. A. A. Novruzov. Dokl AN SSSR 139 no. 6,1304-1307 Ag '61.
Fundamental solutions to hypoelliptic equations V V. Grushin Usp. mat. nauk 16 no. 4 147-153 Jl-Ag '61.
Group characteristics of the Navier-Stokes equations in the case of laminar flow V. V. Pukhnachev. PMTF no. 1:83-90 My-Je '60
Many-point difference methods of solving Cauchy's problem for the equation $y' = f(x, y)$ [with summary in English]. B. M. Budak, A. D. Gorbunov. Vest. Mosk. un. Ser. 1: Mat., mekh. 16 no. 4:10-19 Jl-Ag '61.
Mixed type boundary value problem for a generalized Lavrent'ev-Bitsadze equation L. E. Vostrova. Uch. zap Kuib gos ped. inst. no. 28:45-66 '59.
One boundary value problem for equations of a mixed type in the theory of heat conduction [with summary in English]. T. L. Porel'man Inzh -fiz. zhur 4 no 8:121-125 Ag '61.
Principle of limiting absorption for one class of equations of higher order V. I. Chernyi. Usp. mat. nauk 16 no. 4:195-200 Jl-Ag '61.
Solution of Goursat's problem using many-point difference methods. Part 1 [with summary in English]. N. P. Salikhov. Vest. Mosk. un. Ser. 1: Mat., mekh. 16 no. 4:25-34 Jl-Ag '61.
Solution of the Cauchy problem for one system of quasi-linear equations with several independent variables. N. N. Kuznetsov, B. L. Rozhdestvenskii. Zhur. vych. mat. i mat. fiz. 1 no. 2:217-223 Mr-Ap '61.
Solvability of an equation in five variables by means of a nomograph. IU. I. Bogoliubov. Zhur. vych. mat. i mat. fiz. 1 no. 4:725-728 Jl-Ag '61.
Some criteria of the boundedness of solutions of systems of nonlinear differential equations. V. P. Skripnik. Mat. sbor. 54 no. 4:469-488 Ag '61.
Some methods of solving Cauchy's problem in the mathematical theory of elasticity. K. Baikuziev. Izv. AN Uz. SSR Ser. fiz. -mat. nauk 3:3-12 '61

DIFFERENTIAL INVARIANTS
Investigation of certain invariant solutions of boundary layer problems. IU. N. Pavlovskii. Zhur. vych. mat. i mat. fiz. 1 no. 2:280-294 Mr-Ap '61.

DIFFRACTION
Finding asymptotic solutions of shortwave diffraction problems. A. IA. Povzner, I. V. Sukharevskii Zhur vych. mat. i mat fiz 1 no 2:224-245 Mr-Ap '61
Symposium on wave diffraction. N. N. Moiseev, A. G. Sveshnekov. Zhur. vych. mat. i mat. fiz 1 no 1:181-182 Ja-F '61.

DIFFRACTION GRATINGS
Precision diffraction gratings for meteorological purposes. G. N. Rassudova, F. M Gerasimov Opt i spektr. 11 no. 2:259-261 Ag '61

DIFFUSERS
Comparative evaluation of the work of continuous diffusers. I I. Prilutskii Sakh. prom 35 no 6 33-11 Ag '61
Use of transverse fins for increasing the efficiency of diffusers. V. K. Migal. Teploenergetika 8 no 4 41-43 Ap '61.

DIFFUSION
Causes of the occurrence of anomalous plasticity alloys. A A. Presnlakov. Trudy Inst iad fiz. AN Kazakh. SSR 4,53-62 '61.
Deceleration of the motion of gas bubbles of soluble surface-active substances in the case of large Reynolds numbers and a high diffusion rate. A. I Fedosov. Uch. zap. Kuib. gos ped inst no 29:73-77 '59.
Determination of the coefficient of water diffusion in thin films on a glass surface. D. P. Dobychin, A K Pogodaev. Zhur. prikl. khim. 34 no. 8:1748-1752 Ag '61.
Determining the diffusion parameters of nickel along the grain boundaries of nickel and cobalt. S. D. Gertsriken, T. K. IAtsenko. Sbor. nauch. rab. Inst. metallofiz AN URSR no. 12:135-141 '61.
Diffusion mechanism of plasticity. A. A. Presniakov. Trudy Inst. iad fiz AN Kazakh. SSR 4:111-115 '61.
Diffusion of calcium ions in mixed $NaCl + CaCl_2$ crystals. A. N. Murin, S. N. Banasevich, IU. S. Grushko Fiz. tver. tela 3 no. 8:2427-2433 Ag '61.
Diffusion of iron in titanium dioxide [with summary in English]. V. I Izvekov, N. S. Gorbunov, A. A. Babad-Zakhriapin. Inzh. -fiz zhur 4 no 3 119-122 Mr '61.
Effect of thin wire shrinkage. G I Chernysheva, A. A. Zhukhovitskii. Izv. vys ucheb zav , chern. met. 4 no 7 129-137 '61
Horizontal turbulent diffusion of patches of foreign matter in the sea. R. V. Ozmidov. Trudy Inst. okean. 37. 164-181 '60.
Measurement of the diffusion coefficient of binary vapor-gas mixtures I. G. Gverdsiteli, A T. Karamian, N. E. Menabde Soob AN Gruz SSR 26 no 4,409-413 Ap '61.
Mutual diffusion coefficients for certain gases measured by the optical method. P. E. Suetin, B. A. Ivakin Zhur. tekh. fiz. 31 no. 4:499-501 Ap '61.
Some characteristics of zone melting. B. A. Volchok, V. IA. Frenkel. Fiz tver. tela 3 no 7:2010-2013 Jl '61
Study of long-range diffusion forces between water droplets and nonvolatile particles [with summary in English] P. S. Prokhorov, L. F. Leonov. Koll. zhur. 23 no. 4: 464-468 Jl-Ag '61.
Study of the effect of small admixtures of lead and antimony on the parameters of the boundary and volume diffusion of these admixtures into copper [with summary in English]. S. D Hertsriken, A. L Rovo. Ukr. fiz. zhur. 6 no. 3,396-407 My-Je '61.
Two simultaneous diffusion mechanisms acting in germanium. V. E. Kosenko Fiz. tver tela 3 no. 7:2102-2104 Jl '61.

DIGESTION
Excretory function of the gastrointestinal tract in radiation sickness. S V. Volnov. Voen. -med. zhur. no. 6: 75 Je '61.
Variations in the secretion of urine related to the initial stage of digestion. T. A. Sokolova, A. S. Spasskaia. Trudy Kirov. otd. Vses. fiziol. ob-va 1 no. 1:60-69 '60.
Variations of skin temperature at the beginning of digestion. T. A. Sokolova. Trudy Kirov. otd Vses. fiziol. ob-va 1 no 1.70-82 '60

DIGESTIVE ORGANS
Kurtsin, I. T. [Ionizing radiation and digestion] Ioniziruiushchaia radiatsiia i pishchevarenie. [Leningrad] Gos. izd-vo med. lit-ry Medgiz, 1961. 297 p. [MICROFILM]

DIGESTIVE ORGANS—CANCER
Tumors of the gastrointestinal tract in monkeys following prolonged intake of cholesterol [with summary in English]. B. A. Lapin, L. A. IAkovleva. Arkh. pat. 21 no. 10:25-30 '59.

DIGESTIVE ORGANS—DISEASES
Diagnosis of gastroduodenitis. G. A. Isaakian. Voen. -med. zhur. no. 6:77 Je '61.
Evaluation of the activity of the intestines with the aid of enzyme indices in diseases of the digestive tract. S. IA. Mikhlin. Klin. med. no. 7:61-67 '61.
Use of gastripon in gastrointestinal diseases. G. N. Karapetian, A M Vecher Klin med. no. 7 56-58 '61.

DIGESTIVE ORGANS—FISHES
Relationship between variations in the number of pyloric appendages in different forms of the Atlantic herring and the abundance of available food. A V Chepurnov. Trudy sov. ikht kom. no 13 353-354 '61.

DIGESTIVE ORGANS—INSECTS
Structure of the alimentary canal in Scutigera coleoptrata L. Z S. Kaufman Dokl. AN SSSR 139 no. 6: 1483-1486 Ag '61

DIKES (GEOLOGY) see subdivision under Asia, Central; Kurama Range

DIMENSIONAL ANALYSIS
Solving certain heat conduction problems with the aid of dimensional analysis. IU. A. Dem'ianov, K. G. Omel'chenko. PMTF no. 3 107 S-O '61.

DIODES
Investigation of certain properties of "long" diodes. S A Kramareva, V I. Stafeev Fiz tver tela 2 no 2 377-379 F '60
Magnetodiodes with large surfaces E I. Kharakushan, V I. Stafeev Fiz tver. tela 3 no 7 2031-2040 Jl '61
Regularities of protective action in the silicon diodes and their basic characteristics M I Vaklnin Vest TSNII MPS 20 no 5 9-14 '61.
Zero stability of synchronous detectors equipped with semiconductor diodes and transistors. M. S. Roitman and others. Izm. tekh. no. 9:27-31 S '61.

DIOPHANTINE ANALYSIS
Unpublished manuscripts of Leonhard Euler on diophantine analysis. G. P. Matvievskaia Ist -mat. issl no. 13:107-186 '60.

DIOPSIDE see subdivision under Baikal Lake region

DIOPTRICS see Refraction

DIOXANE
Synthesis of aliphatic alkyl-m-dioxanes. A. M. Kuliev, A. G. Zul'fugarova. Azerb. khim. zhur no 3:19-23 '60

DIPHENYLAMINE—SPECTRA
Effect of solvents on the absorption spectra of some amino- and quinone derivatives of diphenylamine [with summary in English]. P. M. Bugai, A. S. Gol'berkova, L. M. Bazhenova. Zhur. fiz khim. 35 no 8:1731-1737 Ag '61.

DIPHTHERIA
Effect of unconditioned food reflexes on cardiac rhythm activity under pathological conditions (diphtheria intoxication, acute disorders of coronary circulation, pharmacological influences) [with summary in English]. B. M. Fedorov. Biul eksp biol. i med. 51 no 5:33-38 My '61

DIPLOMATIC AND CONSULAR SERVICE—REGISTERS, LISTS, ETC.

[The diplomatic corps in Moscow] Diplomaticheskii korpus v Moskve. [n. p.] M-vo inostr. del SSSR, Iiul' 1961. 140 p. [PHOTOCOPY]

DIPOLE MOMENTS
Electromagnetic field of a low-frequency vertical magnetic dipole situated above the surface of a conducting magnetic half-space V. S. Semenov Izv vys. ucheb zav. , fiz, no. 3:134-139 '61.
Magnetic dipole transitions in even-even nuclei with quadrupole collective excitations [with summary in English]. D P. Grechukhin. Zhur eksp. i teor. fiz 40 no. 6:1732-1737 Je '61.
Statistical theory of systems of interacting ions and dipole particles [with summary in English]. I R. Ilkhnovs'kyi. Ukr. fiz. zhur 6 no. 3:333-339 My-Je '61.

DIPTERA see subdivision under Kura Lowland

DIRECTORIES see subdivision under Moscow

DIRICHLET'S SERIES see Series, Dirichlet's

DISABILITY EVALUATION
Berliand, A. S. [Expertise on the temporary loss of capacity to work] Ekspertiza vremennoi netrudosposobnosti. Izd. 2., ispr. i dop. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 175 p. (Biblioteka prakticheskogo vracha)
Determining the occupational fitness of adolescents with eyesight deviations. E. S Rutenburg. Pediatriia no. 5: 69-73 '61.

DISCONTINUOUS FUNCTIONS see Functions, Discontinuous

DISILOXANE—SPECTRA
Temperature effect on the infrared spectra of organosilicon compounds. Part 1. Crystalline hexaethyldisiloxane. O. V. Vakulenko, G. G. Kirel, M. P. Lisitsa. Opt. i spektr. 11 no. 2:198-202 Ag '61

DISINFECTION AND DISINFECTANTS

B-propiolactone, a new disinfectant. I S. Ioffe, V. T Ostipan Voen -med zhur no 6 52-53 Je '61

Room disinfection by means of chemical sublimation of formaldehyde and chlorine F T Korovin and others Voen -med zhur no 6:49-51 Je '61

DISKS, ROTATING—COOLING

Effect of the radial flow between a rotating disk and the housing on their resistance and heat transfer L A Dorfman Izv AN SSSR Otd tekh nauk Mekh i mashinostr no 1 26-32 Jl-Ag '61

DISLOCATIONS IN CRYSTALS

Band splitting in the luminescence spectra of anisotropic centers in LiF and CaF_2-Eu crystals subjected to oriented deformation. A A Kaplianskii, N A Moskvin, A K Przhevuskii Opt. i spektr 10 no 3 368-373 Mr '61

Certain phenomena observed on the boundaries of a twinning interlamination in calcite. V.Z.Bengus, S.N.Komnik, V.I.Startsev. Kristallografiia 6 no.5 611-620 Jl-Ag '61.

Criteria of fracture in the dislocation theories of strength V L Indenbom Fiz tver tela 3 no 7 2017-2079 Jl '61

Electron scattering by a charged dislocation E M Kuznetsova Fiz tver. tela 3 no 7 1987-1994 Jl '61

Generation of dislocations in calcite crystals. V.Z. Bengus, S.N.Komnik, V.I.Startsev. Kristallografiia 6 no.4 599-604 Jl-Ag '61.

Generation of dislocations in crystals of bismuth, antimony, and zinc under the action of spark discharges. L.S.Palatnik, A.A.Levchenko, V.M.Kosevich. Kristallografiia 6 no.4:591-598 Jl-Ag '61.

Generation of dislocations in the spreading and fusion of cracks in ionic crystals. M.P.Shaskol'skaia, Van Han'ven' [Wang Yen wên] and Gu Shu-chzhao [Ku Shu-chao]. Kristallografiia 6 no 4 603-613 Jl-Ag '61.

Investigation of the effect of certain factors on the formation of dislocations during crystallization and their states in germanium single crystals A D Beliaev, V N Vasilevskaia, E. G Miseliuk Fiz tver tela 2 no 2 227-234 F '60

Parallel study of stresses and dislocations in germanium crystals V I Nikitenko, V L Indenbom. Kristallografiia 6 no.3 432-438 My-Je '61

Theory of the nonelasticity of crystals during vibration [with summary in English] N S Akulov, P P Galenko Inzh -fiz. zhur. 4 no 3 98-104 Mr '61

Theory of X-ray scattering in distorted polycrystals composed of unidimensional minute crystals. V.N. Filipovich. Fiz.tver tela 3 no 7 1920-1932 Jl '61

X-ray images of discrete dislocation lines without special fine-focus appliances. L I Datsenko Ukr fiz zhur. 6 no 3 429-431 My-Je '61

DISLOCATIONS IN METALS

Deformation effects connected with the presence of characteristic dislocations in elastic anisotropy metals with a cubic symmetry lattice K, P Riaboshapka, L. V. Tikhonov. Fiz. met i metalloved 12 no 1:3-10 Jl '61.

Investigating defects of crystal structure occurring during the deformation of titanium and other metals S D Gertsriken, B F. Sliusar. Shor nauch rab Inst. metallofiz AN URSR no 12 93-97 '61

Role of microstrain in the plastic deformation of metals D M Vasiliev, G I Arkovenko Fiz tver tela 2 no. 3 513-546 Mr '60

Studying defects of the crystals structure of chromium depending on the degree of deformation S. D Gertsriken, I. IA. Dekhtiar, L. M. kumok Sbor. nauch rab Inst metallofiz AN URSR no 12 98-101 '61

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no 1 17-20 '59

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RAPHY see
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ing in the distill-
nirnov Izv. vys
'61

Circulation of alcohol in a column in the continuous distillation of wine V A Maslov Izv vys ucheb zav , pishch tekh no 3 122-129 '60

DISTILLATION APPARATUS

Automatic regulation of stripping columns by the flash point R. B Gun, A I Chaiko Neftianik 5 no 8 12-13 Ag '60

Methods for calculating rectification and absorption equipment I M Anoshin. Izv vys ucheb zav , pishch tekh no 3 100-110 '60

DISTILLED WATER see Water, Distilled

DISTILLING INDUSTRIES
(see also subdivision under Ryazan Province)

Supplementing the No.1 appendix to the No. 233/6, February 16, 1960, decision of the State Committee on Problems of Labor and Wages of the Council of Ministers of the U S S R and of the Secretariat of the All-Union Central Council of Trade Unions with the criteria for issuing bonuses to workers engaged in manufacturing rum alcohol. Biul Gos kom po vop. truda i zar. platy no. 6 12-13 '61

DISTRIBUTIVE EDUCATION
(see also subdivision under Alma-Ata; Kiev)

Don't lag behind life V Korchagina Koop Kazakh 4 no 5/6 56 My-Je '61.

Science in the service of commerce Sov. torg 34 no 8,7-8 Ag '61

[Textbook for a salesclerk] Uchebnoe posobie dlia prodavtsa. [By] M. K. Antoniuk i dr. Moskva, Izd-vo TSentrosoiuza, 1960. 119 p.

DIVERGENT SERIES see Series, Divergent

DIVING, SUBMARINE

Pechatin, A. A., and S. A. Aslezov. [To the bottom of the sea] V glubiny morla [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1960. 57 p.

DIVING, SUBMARINE—ACCIDENTS

Case of pronounced barotrauma of the lungs with arterial gas embolism V A Miasnikov, G V. Mashkov. Voen -med zhur no 5 77-79 My '61

DIVING, SUBMARINE—BIBLIOGRAPHY see Bibliography—Diving, Submarine

DIVING, SUBMARINE—HYGIENIC ASPECTS

Special characteristics of the diet of divers V. Grinevich Tyl i snab Sov. Voor Sil 21 no. 5 66-69 My '61

DIVISION OF LABOR

Division of labor at the present time and in the future. D.Kaidalov. Vop ekon no.9:34-44 S '61.

DMITROV DISTRICT (MOSCOW PROVINCE)—STATE FARMS

Around us. Ogonek 39 no. 32:26-27 Ag '61.

DMITROVSK DISTRICT

Muzalev, I. Dmitrovsk. [Orel] Orlovskoe knizhnoe izd-vo, 1960. 66 p.
(MH)

DNEPRODZERZHINSK—EVENING AND CONTINUATION SCHOOLS

Factory as a higher technical school is a progressive form of training engineers I G Filonov. Vest. vys shkoly 19 no. 8:37-38 Ag '61.

DNEPROPETROVSK—FOOD, DRIED

How we raised labor productivity and improved the quality of products in the dry breakfast food section. I. I. Bondar', L F Shchekotova. Kons. i ov. prom. 16 no. 9,25-27 S '61.

DNEPROPETROVSK—MINING RESEARCH

Contribution of mining scientists. P. H. Nesterenko, I. M Shapoval Nauka i zhyttia 10 no. 3,21-23 Mr '60.

DNEPROPETROVSK—RAILROADS—SWITCHES

We manufacture high-strength switches. V.L.Shramko. Put' i put.khoz. 5 no.7:24 Jl '61.

DNEPROPETROVSK PROVINCE—HISTORY

Moharychova, K. [On the eve of the first revolution in Russia, 1898-1904] Naperedodni pershoi revoliutsii v Rosii, 1898-1904. [Dnipropetrovsk] Dnipropetrovs'ke knyzhkove vyd-vo, 1960. 44 p. (Z istorii Dnipropetrovskoi oblasnoi partiinoi organizatsii, no.2)
(MH)

DNEPROPETROVSK PROVINCE—PHYSICAL GEOGRAPHY

Physicogeographical regionalization of Dnepropetrovsk Province. T A. Klevtsov Geog zbir no. 4:195-207 '61

DNIEPER-DONETS LOWLAND—GEOLOGY, STRATIGRAPHIC

Lower Cretaceous continental deposits of the Dnieper-Donets Lowland. I. I. Litvin. Dokl. AN SSSR 139 no. 6:1435-1437 Ag '61

DNIEPER RIVER—FISH CULTURE

Spawning of fishes and development of eggs on capron nests [with summary in English] M. D Bilyi Dop. AN URSR no 7 967-969 '61

DNIEPER RIVER—FLOODS

Hydrograph computation for noteworthy spring floods of the Dnieper River near Kiev with channel storage calculations O I Semi'an Vsesoiuz Inst gidrol i gidr AN URSR 17 130-130 '60

DNIEPER RIVER—HERRING

Reproduction of herring and sturgeons under conditions of a regulated streamflow. V I Vladimirov. Trudy sov Ikht. kom. no. 13 277-282 '61

DNIEPER RIVER—STURGEONS

Reproduction of herring and sturgeons under conditions of a regulated streamflow. V I Vladimirov. Trudy sov. Ikht. kom. no. 13 277-282 '61.

DNIEPER VALLEY—BRONZE AGE

New data on the Bronze Epoch in the northern part of the middle Dnieper Valley. S S Berezanskaia Arkheologiia 12 102-110 '61

The Zarubintsy-Korchevatoye culture of the middle Dnieper Valley and the synchronous cultures of the adjacent territories. V. P Petrov. Arkheologiia 12 53-75 '61.

DNIEPER VALLEY—PALEOGEOGRAPHY

Paleogeography of the Oleshye P S. Pokrebniak. Geog zbir. no 4:127-144 '61

Quaternary paleogeography of the right shore of the lower Dnieper Valley I M Rosiyi, IE T. Lomneva. Geog zbir no. 4,145-150 '61

DNIEPER VALLEY—SINKHOLES

Structure and origin of the sinks ("pody") by the left bank of the lower Dnieper A M Molitko. Geog zbir no 4 113-125 '61

DOBROLIUBOV, NIKOLAI ALEKSANDROVICH, 1836-1861

N. A. Dobroliubov's socialist views [with summary in French]. A G Nazarov Vest ist mir kul't no 4 26-43 Jl-Ag '61

DOBROVOL'SKII, VLADIMIR VLADIMIROVICH, 1880-

V. V. Dobrovol'skii's works and the modern theory of mechanisms (on the occasion of V. V. Dobrovol'skii's 80th birthday). N. I. Levitskii Trudy Inst mash. Sek po teor. mash. 22 no. 87:69-79 '61.

DOCTORS see Physicians

DOGS

Our readers write A Ostrovskaia, M. Chernyshova Sem'ia i shkola 18 no 7,38-39 Jl '61.

DOGS—PHYSIOLOGY

Role of the cerebellum in the sexual function of dogs (bitches). L. P. Mnatsakanian. Izv. AN Arm. SSR, Biol. nauki 14 no. 6:73-79 '61.

DOGS—TRAINING

A letter from V. L. Durov to V. M. Bekhterev. A. L Davidenko. Ist. arkh. 7 no. 4,258-260 Jl-Ag '61

DOLOMITE

Normal adherence to brick of a mortar based on a dolomite binding substance. E. S. Kuchur. Sbor. nauch. trud. Bel politekh. inst. no. 20:54-56 '60.

DOMBAROVSKIY DISTRICT—SOCIALIST COMPETITION

Let us welcome the 22d Congress of the CPSU with worthwhile accomplishments. V. A Bardin, F S Yoshishchev Uchet i fin. v kolkhoz i sovkhoz 18 no 8: 4-8 Ag '61

DOMESTIC ARCHITECTURE see also subdivision 'Architecture, Domestic' under Tsalka District

DOMESTIC EDUCATION

"Training of children's cognitive interests in the family" by N. G. Morozova. Book review. Nar. obr. no.9 119 S '61

DOMINICAN REPUBLIC—FOREIGN RELATIONS—UNITED STATES

History of a dictatorship. P. Nikolaev. Nov. vrem. 19 no. 36:8-11 S '61.

DOMINICAN REPUBLIC—POLITICS AND GOVERNMENT

History of a dictatorship. P. Nikolaev. Nov. vrem. 19 no. 36.8-11 S '61.

DON VALLEY—CITIES AND TOWNS, RUINED, EXTINCT, ETC.

Location of Stepan Razin's ancient settlement. A. A. Timoshenko. Sov. arkheol. 5 no. 3:303-306 '61.

DON VALLEY—ECONOMIC CONDITIONS

Rostov-on-Don, Universitet. [Studies on the economic development of the Don, 1861-1917] Ocherki ekonomicheskogo razvitiia Dona, 1861-1917. [Rostov-na-Donu] Izd-vo Rostovskogo univ., 1960. 172 p.

DONETS BASIN—COAL—DENSITY

Density of coal and surrounding rocks in the Donets Basin [with summary in English] IU I Bilotserkovets' Dop AN URSR no 7 900-903 '61

DONETS BASIN—COAL GEOLOGY

Contact metamorphism of coals in the southwestern Donets Basin N V Butuzinov Izv vys ucheb zav , geol i razv 4 no 7 56-64 Jl '61

DONETS BASIN—COAL MINERS

Mine committee has plenty of things to worry out. V. Malishevskaia Sov shakht. 10 no.9 28-30 S '61.

Our Palace of Culture prepares for the Congress V Sukhanov Sov shakht. 10 no 7 12 Jl '61

That is how we welcome the congress. A. Meteiev. Sov. shakht. 10 no.9 13 S '61

They want to follow the example of austronauts. M. Ugltevich. Sov shakht 10 no. 8 33 Ag '61

DONETS BASIN—COAL MINERS—DISEASES AND HYGIENE

"Donbass" sanatorium. A. Vasil'ev. Sov. shakht 10 no. 9 35 S '61.

DONETS BASIN—COAL MINES AND MINING

Efficient work practices I. Chubyr. Sov. shakht 10 no. 8 19 Ag '61

In the land of innovators. I. Zenin Sov. shakht. 10 no. 8 14-15 Ag '61.

Useful new practices. N. Naboko Sov. shakht. 10 no. 8 19 Ag '61.

DONETS BASIN—COAL MINES AND MINING—LABOR PRODUCTIVITY

On the right path. V Spitsko. Sov. shakht 10 no 7-10 Jl '61.

Putting in our total strength. P. Selivanenko. Sov. shakht. 10 no.9-14 S '61

Working with enthusiasm J Lepetukha Sov shakht 10 no 7 10 Jl '61.

DONETS BASIN—HISTORY—STUDY AND TEACHING

Young researchers of Don history. P. I. Kovalnikov Prep ist v shkole 16 no. 5 99-100 S-O '61

DONETS BASIN—LABOR AND LABORING CLASSES

Kommunisticheskaia partiia Ukrainy. Stalinskii oblastnoi komitet. Partiinyi arkhiv. [Authentic human documents, greetings and letters sent to V. I. Lenin from Donets Basin workers expressing their determination to fulfill the leader's legacy] Podlinnye chelovecheskie dokumenty; sbornik privetstvii i pisem V. I. Leninu ot trudiashchikhsia Donbassa, ikh reshenia i kliatvy vypolnit' zavety vozhdia. [Stalino] Stalino-Donbas, knizhnoe izd-vo, 1960. 144 p.
(MH)

DONETS BASIN—MINERS—SONGS AND MUSIC

Coal miners' songs. A. Ionov. Sov. shakht. 10 no 8 29 Ag '61.

DONETS BASIN—MINING INDUSTRY AND FINANCE

Akademiia nauk SSSR. Institut gornogo dela. [Cost parameters for planning mining operations in the Donets Basin] Stoimostnye parametry dlia proektirovaniia shakht Donbassa. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 63 p.

DONETS BASIN—RECREATIONAL ACTIVITIES

Recreation activities of coal miners should be instructive and interesting, selected notes. Sots. kul't. no 8 15-18 Ag '61.

DONETS BASIN—ROCKS—DENSITY

Density of coal and surrounding rocks in the Donets Basin [with summary in English]. IU.I. Bilotserkovets' Dop AN URSR no. 7 900-903 '61.

DONETSK—CONSTRUCTION INDUSTRY—LABOR PRODUCTIVITY

Potentials for raising labor productivity at construction projects of the Stalino Economic Council. V Dubodelov, G I eshchinskii. Ekon stroi. no 8;25-29 Ag '61.

DONETSK—PRECAST CONCRETE

Operation of a large-panel housing construction plant. N. Onishchenko, V. Zhudov, V Popov. Stroi. i arkhit 9 no 7;23-24 Jl '61.

DONETSK PROVINCE—ADMINISTRATIVE ECONOMIC COUNCILS

We should improve the work of our personnel. I. Sopov. Part. zhizn' no. 18;46-49 S '61.

DONETSK PROVINCE—INDUSTRIES

Communists are tireless fighters for the establishment of the economic and technical foundation of communism A. Liashko. Komm. Ukr. 37 no. 9 43-50 S '61.

DOORS

New design for the doors of drying chambers. V A. Shukan. Der. prom 10 no. 8 23 Ag '61.

DOROFEEVYCH, HAVRYLO

Attempt to determine the author who used the pseudonym Kliryk Ostroz'kyi. P. K. IAremenko. Nauk. zap. L'viv. derzh. ped. inst. 16;3-20 '60.

DOUBLE REFRACTION see Refraction, Double

DOUGH

Effect of temperature on the action of amylase in fermenting rye leaven and dough P M. Plotnikov. Izv vys ucheb zav , pishch tekh no 3,53-55 '60

Investigation of the method of preparing wheat dough with leaven containing table salt I M Roiter, and others Izv vys ucheb zav. , pishch. tekh no 3,56-61 '60

Problems of transporting dough by tubes V. S Golshtor. Izv vys ucheb zav , pishch. tekh. no 3 86-88 '60

DRAFT HORSES see subdivision under Moscow

DRAG (AERODYNAMICS)

Resistance of a plane plate in a flow of highly rarefied gas V. A. Perepukhov Zhur vych. mat i mat fiz 1 no 4;680-686 Il-Ag '61.

DRAGONFLIES see subdivision under Ob' Valley

DRAINAGE

(see also subdivision under Chu Valley, Mirzachul' region, Polesye; White Russia)

Experimental study on draining soil by horizontal vacuum drainage. B. M. Degtiarev. Osn., fund. i mekh. grun. 3 no.4 9-10 '61.

Fundamental problems in the reclamation of land. K. K. Shubladze, I B Ievanovskii, A. I. Koklianov Gidr i mel 13 no 8,11-20 Ag '61

Irrigation and drainage problems at the January Plenum of the Central Committee of the CPSU. Gidr. i mel. 13 no. 3-3-26 Mr '61.

Laying drain pipes without trenches using a punch N P. Busygin Stroi. truboprov. 6 no 7;25 Jl '61

Percolation of ground water into main drains and collecting laterals O Berdyev. Izv. AN Turk SSR. Ser biol, nauk no 1 75-77 '61.

Pipe drainage in foreign practice. V. N Gorinskii. Gidr. i mel 13 no 6,53-61 Ag '61

Role of land improvement in the programmed management of agriculture [with summary in English] I A Sharov. Izv TSKhA no. 2;201-209 '61.

Use of plastic drainage pipes. V. I. Antonov, V A. Shreider. Gidr i mel 13 no 8-29-37 Ag '61.

DRAINAGE RESEARCH see subdivision under Golodnaya Steppe

DRAMA—HISTORY AND CRITICISM

Several plays with one standard of quality. S. Sovetov. Teatr 22 no 9 89-94 S '61.

DRAWING

Talks about art, graphic arts. E. Plotnikova Sov shakht 10 no. 7 43-44 Jl '61.

DRAWING—INSTRUCTIONS

Joy of an artist, Ariadna Zhukova. Sem'ia i shkola 16 no. 8;32-33 Ag '61.

DRESDEN—RESTAURANTS, LUNCHROOMS, ETC.

Self-service eating establishments in Dresden. I Kluberger Obshchestv pit no 6;56-57 Je '61.

DRESSINGS (SURGERY) see Bandages and bandaging

DRESSMAKING—PATTERN BOOKS

[Trimmings and accessories for dresses] Otdelki k plat'iam. Minsk, Gos. izd-vo BSSR, Red. nauchno-tekhn. lit-ry, 1961. 133 p.

DRIED VEGETABLES see Vegetables, Dried

DRILLING AND BORING

Boring and grooving jaws of boring unit chucks. F. F. Rodionov. Sbor rats. predl. vnedr. v proizv. no 5 11 '60.

DRILLING AND BORING—SAFETY MEASURES

Noncontact safety device for deep drilling. O. I. Blokh and others. Stan i instr 32 no 8;12-14 Ag '61.

DRILLING AND BORING MACHINERY

Design of drills for annular drilling. B. V. Zlotnitskii, Stan. i instr 32 no. 8;34-36 Ag '61.

New type spiral drill. Sel'. stroi 16 no. 7-28 Jl '61.

The OS-200 machine for deep drilling and counterboring. V. I. Shekhter. Biul. tekh. -ekon. inform. no. 8;47-49 '61.

The OS-325 diamond boring machine. E. I. Belorusets Biul tekh -ekon inform no 8-41-42 '61

Voronov, P. O. [The URB-VP diamond boring machine] Almazno-rastochnoi stanok URB-VP. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1961. 79 p.

DRILLING PLATFORMS see Artificial islands

DROGOBYCH—LUBRICATION AND LUBRICANTS

Experience in manufacturing lubricanting greases at the First Drogobych Petroleum Oil Plant A A. Mol'nik Proizv. smaz mat. no. 6/8;45-52 '61.

DROUGHTS

Droughts during the period from the 10th century to the 18th century. I E. Buchinskii Trudy UkrNIGMI no 23.70-72 '61.

DRUG ADDICTIONS see Narcotic habit

DRUGS

Quantitative potentiometric determination of sulfanilamide preparations in drugs Report No 2 S. Kh Dvotseli. Azerb Khim. zhur no 4 95-101 '60.

DRUGSTORES

Tol'tsman, T. I., ed. [Manual on the organization of pharmaceutical service] Uchebnik organizatsii farmatsevticheskogo dela. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961, 419 p.

DRYING

System of differential equations of the drying process [with summary in English] M S Smirnov Inzh -fiz zhur. 4 no. 9 10-44 5 '61.

DRYING APPARATUS

Device for rapid drying of fats and fatty acids. A. IA. Naab, G. A. Miroslavskaia Masl. -zhir. prom 27 no. 8-33 Ag '61.

Drying bulk food products in a flash dryer T IA. Rozenbaum, S B. Ivanchenko. Sakh. prom 35 no 8 25-28 Ag '61.

New design for the doors of drying chambers V. A Shukan Der prom 10 no 8 23 Ag '61

DRYING APPARATUS—TEXTILE FABRICS

The SP-110 machine for drying textile fabrics after printing B. I Smirnov, N. I. Udalov Biul tekh -ekon inform no. 7-68-68 '61.

DUBOVKA DISTRICT—AGRICULTURAL ADMINISTRATION

Organizational work ensures success. A Kochkurov. Part. zhizn' no 17;61-65 S '61

DUCKS see subdivision under Kanevskiy District

DUMP TRUCKS

Bumper stop for dump truck. V.I. Cherkasov. Put' i prt. khoz. 5 no.7-27 Jl '61.

DUMP TRUCKS—CATALOGS

Minskii gosudarstvennyi avtomobil'nyi zavod. [Catalog of parts for MAZ-200, motortrucks, MAZ-200B saddle-type tractors, and MAZ-205 dump trucks] Katalog detalei gruzovogo avtomobilia MAZ-200, sedel'nogo tiagacha MAZ-200B i avtomobilia-samosvala MAZ-205. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 430 p.

DUNAEVSKII, ALEKSANDR

"Lion with a heart of a sweet child" ("Oleko Dundich" by Aleksandr Dunaevskii. Reviewed by O Moiseev). Sem'ia i shkola 16 no 7;44 Jl '61.

DUNGANS see subdivision under Semirech'ye

DUROV, VLADIMIR LEONIDOVICH, 1863-1934

A letter from V. L. Durov to V. M. Bekhterev. A. I. Davidenko. Ist arkh 7 no. 1 258-260 Jl-Ag '61.

DUST—REMOVAL

Enemy No 2 retreats. Izobr i rats. no 9-10-11 S '61.

DUST COLLECTORS

(see also subdivision under Karasu)

Hydraulic dust removal from cyclone banks in the sintering plants of the Southern Ore-Dressing Combine. P. A. Linkhov, L. E. Kunin. Obog. rud 5 no 6 49-53 '60

DWELLINGS see subdivision under Golodnaya Steppe

DYES AND DYEING

Nature of the bonding forces of associated molecules of dyes in concentrated solutions. L. V. Levshin, V. K. Gorshkov. Opt. i spektr. 10 no. 6-756-760 Je '61

New methods of purifying direct dyes. V. E. Rostovtsev Tekst prom 21 no. 7 63-64 Jl '61

Structural and mechanical properties of vat brilliant green Zh as suspensions of pastes L M Golomb Khim prom. no. 8-531-535 Ag '61.

Use of the OS-20 product in dyeing S F. Faer, D E. Medvedeva Tekst. prom. 21 no 7 66 Jl '61

DYES AND DYEING—RAYON

Dyeing of acetate rayon with insoluble dyes A. A. Gern. Tekst prom. 21 no 7 56-58 Jl '61

DYES AND DYEING—TEXTILE FIBERS

Dyes forming convalent bonds with fibers ("active dyes"). M A. Chekalin Tekst prom 21 no. 7;49-55 Jl '61.

DYES AND DYEING—WOOL

Device for automatic control of textile-fabric dyeing V. P. Balditsyn. Biul. tekh. -ekon inform. no. 7;64-65 '61.

DYNAMICS

Apparatus for experiments on dynamics. V. F Ilu'kovich. Fiz. v shkole 21 no. 3;62-63 My-Je '61.

Steady motion of a gas with a variable supply of mass and energy. I. F. Shakhnov. PMTF no. 3;117-119 S-O '61.

DYNAMICS, MOLECULAR see Molecular dynamics

DYNAMICS OF A PARTICLE

Calculating the energy of the 2 p excited state of an exciton in the case of intermediate coupling. L. G. Zaslavskaia. Fiz. tver. tela 3 no. 8 2210-2214 Ag '61.

Movement of charged particles in a spatial periodic magnetic field K D Sinel'nikov, B N Rutkevich, V D Fedorchenko Zhur tekh fiz 30 no 3 249-255 Mr '60

Movement of particles in a spiral toroidal magnetic field A. I Morozov, L S Solov'ev Zhur tekh fiz 30 no 3-271-282 Mr '60

Movement of particles in a toroidal modulated magnetic field A. I Morozov, L S Solov'ev Zhur tekh fiz 30 no 3 261-270 Mr '60

Statistical thermodynamics of point electrical charges. I. Z. Fisher, A. M. Zaitseva, V. K. Prokhorenko Zhur fiz. khim 35 no. 8;1877-1878 Ag '61

DYNAMOMETER

Errors in the form of dynamograms of teledynamometric systems. A. L. Abrukin. Neft khoz. 39 no 6;50-54 Je '61

Teledynamometering of beam wells G M. Novruzov, IU. I Krotkov Azerb neft khoz 40 no 6-30-31 Je '61

Use of coiled transducers for dynamometers. IU. TS. Mironenko Trudy Inst fiz. fiz. AN Kazakh. SSR 4;95-96 '61

DYSENTERY

Atypical course in dysentery. S V Krakht, V N. Kotsarev Voen -med zhur no 5 60-61 My '61.

Case of adiposogenital dystrophy in combination with gigantism following dysenterial meningitis. I. F Nabok. Probl. endok i gorm. 7 no. 4 107 '61.

Development of a method for aerosol immunization against typhoid fever and dysentery N. I. Aleksandrov and others Voen -med zhur no 5 54-59 My '61

DYSOSTOSIS

Cleidocranial dysostosis. V. N. GulIaev, IU. G. Elashov. Ortop., travm i protez no. 7, 64-65 '61

DYSPROSIUM—ISOTOPES

Temperature dependence of the magnitude of the hyperfine splitting of Dy^{161} levels in paramagnetic dysprosium oxide V V Skllarevskii, B. N. Samoilov, E P. Stepanov Zhur eksp i teor. fiz. 40 no 5-1874-1876 Je '61

DYSPROSIUM—MAGNETIC PROPERTIES

Magnetic and magnetoelastic properties of dysprosium and gadolinium [with summary in English]. K. P. Belov and others. Zhur eksp i teor fiz. 40 no 6;1562-1569 Je '61

DYSPROSIUM OXIDE

Rare earth silicates. Report No 5 Phase diagrams of the system Dy_2O_3 - SiO_2 and Er_2O_3 - SiO_2 N A Toropov, F. IA. Galakhov, S F Konovalova Izv. AN SSSR Otd khim. nauk no 8 1365-1371 Ag '61.

DYSPROSIUM OXIDE—MAGNETIC PROPERTIES

Temperature dependence of the magnitude of the hyperfine splitting of Dy^{161} levels in paramagnetic dysprosium oxide V V. Skllarevskii, B N Samoilov, E. P. Stepanov. Zhur. eksp i teor fiz. 40 no 6;1874-1876 Je '61.

DYSTROPHY

Case of adiposogenital dystrophy in combination with gigantism, following dysenterial meningitis. I. F. Nabok. Probl. endok. i gorm. 7 no. 4;107 '61.

arly] Tvorchestvo narodnogo pevtsa-ashuga Azerbaidzhana Dadashi Dadalogly Shirvanskogo. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1961. 211 p. [MICROFILM]

Linguistic characteristics of Dzhafar Dzhabarly's plays "Sevil'," "Almas," and "IAshar." A. A. Zeinalov Izv. AN Azerb. SSR, Ser. obshchestv. nauk no 5-39-46 '61.

DZHALAGASH DISTRICT—PEDDLERS AND PEDDLING

Progressive driver. Sh. Amzeev. Koop. Kazakh. 4 no. 5/6 70 My-Je '61.

DZHAMBUL PROVINCE—GEOGRAPHY

Semenova, M. I. [Dzhambul Province; nature, population and economy] Dzhambul'skaia oblast'; priroda, naselenie i khoziaistvo. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1961. 216 p. [MICROFILM]

DZHANYBEK DISTRICT—SOLONETZ SOILS

Nightingales on the Solonetz soils. A. Akimova. Moskva 5 no. 8;192-196 '61.

DZHETY-SU see Semirech'ye

DZHEZKAZGAN—COPPER MINES AND MINING

Unused possibilities. S. Khakhiachev, Sh. Aliev. Nar. khoz. Kazakh. 19 no. 8, 32-33 Ag '61.

DZHEZKAZGAN—COPPER ORES

Leaching of mixed Dzhezkazgan ores by chloride solutions Report no. 1. A. L. TSeft, N. A. Militina, V. A. Vasil'eva Izv. AN Kazakh SSR Ser. met., obog. i ogneup no. 2;64-72 '61

Leaching of mixed Dzhezkazgan ores by solutions of sulfuric acid containing salts of trivalent iron Report no. 2. A. L. TSeft, V. A. Vasil'eva, N. A. Militina Izv. AN Kazakh SSR, Ser. met., obog. i ogneup no. 2;73-84 '61

DZHEZKAZGAN—NONFERROUS METALS

Improving the technology of dressing Dzhezkazgan copper-lead ores IU I Evopkin Obog rud 5 no 4 3-9 '60

DZHEZKAZGAN—TRANSPORTATION

Unused possibilities. S. Khakhiachev, Sh. Aliev. Nar. khoz. Kazakh. 19 no. 8;32-33 Ag '61.

DZUNGARIAN ALA-TAU—GLACIERS

Distribution of present-day glaciation on the northern slope of the Dzungarian Ala-Tau according to the altitude V A Zenkova Trudy Otd geog. AN Kazakh. SSR no 8 193-199 '61

New observations on the movements of the Nizkomogennyy rock glacier in the Dzungarian Ala-Tau N. N Pol'gov Trudy Otd geog. AN Kazakh. SSR no. 8 200-204 '61

EAR

Comparative evaluation of some methods for determining the barofunction of the ear P. I Kalinin Voen -med. zhur no. 5 76-77 My '61.

Effect of cooling of the organism on the microphone effect of the cochlea [with summary in English] I L Mazo. Biul eksp biol i med 51 no 5 22-26 My '61

EAR—DISEASES

Condition of the auditory and vestibulum analyzers of radar station operators V. N Tkachenko Voen -med zhur. no. 6, 74 Je '61.

EARTH

Gorshkov, G. P. [Earth science and religion] Nauka o Zemle i religiia. Moskva, Izd-vo "Znanie," 1961. 32 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 12, Geologiia i geografiia, no. 15) [MICROFILM]

EARTH—FIGURE

Origin of the present-day face of the earth. G. N. Katterfel'd. Geog. v shkole 24 no. 5;21-31 S-O '61

Use of the concept of the negative equivalent radius of the earth for evaluating the intensive refraction of radio waves [with summary in English] S. IA Braude, I E. Ostrovskii, F. S. Sanin. Izv. vys. ucheb. zav., radiofiz. 4 no. 1;67-73 '61.

EARTH—INTERNAL STRUCTURE

Marker profiles of the earth. IU. V. Riznichenko. Vest. AN SSSR 31 no. 8-37-44 Ag '61.

EARTH—SURFACE

Origin of the present-day face of the earth. G. N. Katterfel'd. Geog. v shkole 24 no. 5;21-31 S-O '61

EARTH PRESSURE

Plotting the curve of reactive pressures under a rigid foundation on the basis of a mixed elastoplastic problem. E. K. Sedykh. Osn., fund. i mekh. grun. 3 no. 4; 13-15 '61.

EARTH SATELLITES see Artificial satellites

EARTHMOVING MACHINERY

The DET-250 high-power diesel-electric tractor with earthmoving equipment. N. S. Kuznetsov Biul tekh. -ekon. inform. no 7;74-76 '61.

Determining the work regime of large excavating pumps. S H. Kohernyk. Visti Inst. gidrol i gidr AN URSR 17 85-111 '60 60.

"Earthwork machines" by T. V. Alekseeva and others Reviewed by I. P. Borodachev, D. I. Pleshkov. Stroi. i dor. mash. 6 no. 8-37-38 Ag '61

EARTHQUAKES AND BUILDING

(see also subdivision under Bulgaria)

Determining the period of natural oscillations in earthquakeproof structures by measuring them. E. I. Bakracze. Soob. AN Gruz SSR 26 no 4 415-419 Ap '61.

EARTHQUAKES AND BUILDING—BIBLIOGRAPHY see Bibliography—Earthquakes and building

EARTHQUAKES AND BUILDING—CONGRESSES

Conferences on large-panel housing construction. Zhil. stroi no 8 2 of cover, 3 of cover Ag '61.

EARTHWORK

(see also subdivision under South Golodnaya-Steppe Canal)

Erecting water-resistant earth structures by dumping soil into the water. P. I. Volodenkov. Gidr. stroi. 31 no. 8;39-40 Ag '61.

"Laying pipelines in rocky soil" by M. I. Krinitsyn, V. I. Klimov. Stroi. truboprovod. 6 no. 8;21 Ag '61.

EARTHWORMS

Radiosensitivity of earthworms. R. I. Pogosian. Radiobiologiia 1 no. 3 301-304 '61.

EAST—CHEMISTRY, TECHNICAL

Industrial chemistry techniques and natural philosophy in countries of the ancient Orient. N. A. Figurovskii Iz. ist. nauki i tekh. v stran. Vost. no. 1;122-136 '60.

EAST—MATHEMATICS

Mathematics in Oriental countries during the Middle Ages. A. P. IUshkevich, B. A. Rozenfel'd, Iz ist. nauki i tekh. v stran. Vost. no 1 349-421 '60.

EAST—PHILOSOPHY OF NATURE

Industrial chemistry techniques and natural philosophy in countries of the ancient Orient. N. A. Figurovskii. Iz ist. nauki i tekh v stran. Vost. no. 1;122-136 '60.

EAST—RELATIONS (GENERAL) WITH RUSSIA

Scientists of Oriental countries, members of the Academy of Sciences of the U.S.S.R. A. T. Grigor'ian. Iz ist. nauki i tekh. v stran. Vost. no. 1;467-173 '60.

EAST EUROPEAN PLAIN—GEOGRAPHY, HISTORICAL

Historical geography of the East European Plain, geography of the Argonauts S A Kovalevskii. Izv. Krym otd. Geog ob-va no 4 51-64 '57.

EAST EUROPEAN PLAIN—GEOLOGY

Akademiia nauk SSSR. Institut geografii. [Relief and stratigraphy of Quaternary deposits in the northwestern part of the East European Plain; for the Sixth Congress of the International Association for Quaternary Research in Warsaw, 1961] Rel'ef i stratigrafiia chetvertichnykh otlozhenii severo-zapada Russkoi ravniny; k VI kongressu INQUA v Varshave 1961. Moskva, Izd-vo Akad. nauk SSSR, 1961, 249 p. [With summary in English.]

EAST EUROPEAN PLAIN—VALLEYS

Slope asymmetry of river valleys in the East European Plain. K I Herenchuk. Geog zbir no. 1;36-48 '61

EAST GERMANY see Germany, East

EAST KAZAKHSTAN PROVINCE—CLAY

Effect of various reducing agents on the bloating process of clayey soil of East Kazakhstan. V. V. Vershinina Trudy Alt GMNII AN Kazakh. SSR 11 119-124 '61

EAST KAZAKHSTAN PROVINCE—RETAIL TRADE

Let's learn from each other. A. Rebrov. Koop. Kazakh. 4 no. 4;43 Ap '61.

EAST KAZAKHSTAN PROVINCE—SUGAR BEETS

Planting time for sugar beets in nonirrigated areas of East Kazakhstan Province. M. IA. Grigorov. Vest. sel'khoz. nauki [Kazakh.] 4 no. 3 8-11 Mr '61

EAST (SOVIET FAR EAST) see Soviet Far East

EASTERN EMPIRE see Byzantine Empire

EASTERN EUROPE see Europe, Eastern

EASTERN SIBERIA see Siberia, Eastern

ECLIPSES, LUNAR

Volcanoes and lunar eclipses (from "Studia geophysica et geodaetica," vol. 5, no. 1, 1961). Priroda 50 no. 8, 119 S '61.

ECLIPSES, SOLAR—1954

Absolute spectrophotometry of the chromosphere during the total solar eclipse of June 30, 1954 [with summary in English]. D. IA. Martynov, V. IA. Aldunova. Astron. zhur. 38 no. 4;593-610 Jl-Ag '61.

ECLIPSES, SOLAR—1958

Results of the processing of polarization observations in the microwave band of solar eclipse of April 19, 1958 [with summary in English]. D V. Korol'kov, N.S. Soboleva. Astron. zhur. 38 no. 4;647-651 Jl-Ag '61

ECOLOGY

The concept of ecological factors [with summary in English]. A. S. Monchadskii. Zool. zhur. 40 no 9, 1299-1303 S '61.

Kamshilov, M. M. [Evolutionary significance of interrelationships among organisms] Znachenie vzaimnykh otnoshenii mezhdu organizmami v evoliutsii. Moskva, Izd-vo Akad. nauk SSSR, 1961. 134 p.

ECONOMIC ASSISTANCE, AMERICAN see subdivision under India

ECONOMIC COUNCILS, ADMINISTRATIVE see Administrative economic councils

ECONOMIC GEOLOGY see Geology, Economic

ECONOMIC HISTORY

Crisis of the world capitalist system. L. Leont'ev. Kommunist 38 no. 15;113-123 O '61.

ECONOMIC HISTORY (Continued)

[Economic conditions of capitalist countries, survey of business activities for the 1960 and the beginning of 1961] Ekonomicheskoe polozhenie kapitalisticheskikh stran, kon"iunkturnyi obzor za 1960 g. i nachalo 1961 g. (Prilozhenie k zhurnalu "Mirovaia ekonomika i mezhdunarodnye otnosheniia" no. 7 iul' 1961 g.). Moskva, Izd-vo "Pravda," 1961. 140 p.

Gurvich, L. I. [Role of natural resources in the development of productive capacities] Rol' prirodnykh bogatstv v razvitii proizvoditel'nykh sil. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 252 p.

New phase of the general crisis of capitalism. L. Onikov. Part. zhizn' no. 19 61-67 O '61.

ECONOMIC POLICY

The great program for the building of communism. Gidr. i mel. 13 no. 8:3-10 Ag '61.

ECONOMIC RESEARCH see subdivision under Azerbaijan

ECONOMIC ZOOLOGY see Zoology, Economic

ECONOMICS

The basic economic law and basic economic contradiction of socialism. O. G. Ilrovitskii. Vop. filos. no. 6 119-126 '57.

Berdonosov, K. P. [Commodity production and the law of value] Tovarnoe proizvodstvo i zakon stoimosti. [Leningrad] Izd-vo Leningr. univ., 1961. 45 p. (V pomoshch' studentam vechernikh i zaochnykh vuzov)

Certain aspects of the economic role of socialist state. E. D. Bogatov. Uch. zap. Kish. un. Mezhvuz. sbor. polit. ekon. no. 1:69-83 '60.

Denisov, B. A. [Critical evaluation of present-day bourgeois theories of the future society] Kritika sovremennykh burzhuaznykh teorii o budushchem obshchestve. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 51 p.

Draglev, M. S. [Critical evaluation of present-day imperialism in economics courses] Kritika sovremennogo imperializma v kurse politicheskoi ekonomii. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 125 p.

Economic role of the socialist state. A. Rumiantsev. Polit. samoobr. 5 no. 9:59-71 S '61.

Ibn Khaldun's economic views. S. M. Batsieva. Krat. soob. Inst. nar. Azii no. 47 5-10 '61.

Kuleshov, V. U. [Socialist reproduction] Sotsialisticheskoe vosproizvodstvo. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 75 p.

Mochalov, B. M. [Commodity production, the law of value, and money under socialism; lecture on the economics of socialism] Tovarnoe proizvodstvo, zakon stoimosti i den'gi pri sotsializme; lektsiia po kursu politicheskoi ekonomii sotsializma. [Moskva] Izd-vo Mosk. univ., 1961. 64 p.

Operation of the law of the preferential increase of the production of the means of production during the large-scale building of communism. V. A. Sidorov. Uch. zap. Kish. un. Mezhvuz. sbor. po polit. ekon. no. 1 5-23 '60.

Pravotorov, G. B. [Commodity production and the law of value under capitalism] Tovarnoe proizvodstvo i zakon stoimosti pri kapitalizme. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 106 p.

Productive forces and production relations during the large-scale building of communism. A. Koriagin. Komm. Vooruzh. Sil 1 no. 2 43-51 Ja '61.

"V. I. Lenin's economic studies published in the 1890's" by A. I. Pashkov. Reviewed by L. V. Shirikov. Vop. ist. KPSS 5 no. 5:186-189 '61.

ECONOMICS—AUDIO-VISUAL AIDS

Let's make wider use of visual aids during political economy classes. E. F. Borisov. Sred. spets. obr. 8 no. 8:55-58 Ag '61.

[Visual-aid album on economics: socialism section] Al'bom nagliadnykh posobii po politicheskoi ekonomii. Razdel: Sotsializm. [Moskva] Gos. izd-vo polit. lit-ry, 1960. 20 plates.

ECONOMICS—BIBLIOGRAPHY see Bibliography—Economics

ECONOMICS—PERIODICALS

Let's creatively develop the problems of economics. V. Zagorodnii and others. Komm. Ukr. 37 no. 9:89-93 S '61.

ECONOMICS—STUDY AND TEACHING

Dom politicheskogo prosveshchenila, Moscow. [How to study the economics of socialism] Kak izuchat' politicheskuiu ekonomiiu sotsializma; posobie dlia rukovoditelei seminarov sistemy partiinogo prosveshcheniia. [Moskva] Mosk. rabochii, 1961. 239 p.

Ensure the high level of the economic training of students. Iu. O. Stepanenko. Rad. shk. 40 no. 7:73-76 Jl '61.

Seminar on problems in spreading knowledge of economics. N. Shagin. Vop. ekon. no. 9:161-155 S '61.

ECONOMICS, MATHEMATICAL
(see also subdivision under White Russia)

Boiarskii, A. IA. [Mathematics for economists] Matematika dlia ekonomistov. Izd. 2., perer. i dop. Moskva, Gosstatizdat TsSU SSSR, 1961. 463 p.

Fedorovich, M. M., ed. [Mathematical methods in production planning] Matematicheskie metody v planirovanii proizvodstva. Moskva, Izd-vo ekon. lit-ry, 1961. 150 p.

Mathematics in commerce. L. Leifman. Sov. torg. 34 no. 8 26-28 Ag '61.

Mathematics in economics. R. Podol'nyi. Znan. sila 36 no. 8:6-8 Ag '61.

Popov, N. I. [Mathematical method for analyzing labor productivity in agriculture according to factors involved] O matematicheskom metode analiza proizvoditel'nosti truda v sel'skom khoziaistve (po faktoram). Moskva, Gos. izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 102 p.

ECZEMA

Changes in the function of the skin receptors under the influence of ultraviolet rays in patients with microbial eczema. G. A. Ustinova. Trudy LSGMI 52,5-36 '60.

Exudative diathesis and eczema in children. E. L. Kifer. Vop. okh. mat. i det. 6 no. 7:43-47 Jl '61.

Function of the skin receptors in patients with microbial eczema previously treated with X-rays. G. N. Bunykina. Trudy LSGMI 52:151-158 '60.

EDITING

Kaplan, G. D. [Editing literature on various branches of industry] Redaktirovanie otraslevoi literatury, iz opyta raboty. Moskva, Gos. izd-vo "Iskusstvo," 1961. 207 p. (Redaktory knigi ob opyte svoei raboty)

EDUCATION
(see also subdivision under Baku, Cuba, Karelia, Kazakhstan, Lyubinskiy District, Mongolia, Nigeria; Ukraine, Western; Vietnam, North)

Development of communism is the work of the people, their energy and their intelligence. L. Chuprakova and others. Nar. obr. no. 9 8-16 S '61.

In the Council of Ministers of the R. S. F. S. R. Nar. obr. no. 9 17-18 S '61.

Let's arm the future builders of communism with a lasting knowledge of the fundamentals of science. Nar. obr. no. 9 2-7 S '61.

Manifest of man's glorious future. Sov. pedag. 25 no. 8 5-13 Ag '61.

"Pedagogical articles and speeches" by Ivan Franko. Reviewed by O. V. Koval'chuk. Rad. shk. 40 no. 7 89-90 Jl '61.

Soon will be time to go to school! Sem'ia i shkola 16 no. 8:2-3 Ag '61.

EDUCATION—BIBLIOGRAPHY see Bibliography—Education

EDUCATION—PERIODICALS

For a good methodological periodical. V. Kartsivadze. Nar. obr. no. 9 109-111 S '61.

EDUCATION, COOPERATIVE
(see also subdivision under Azerbaijan; Krivoy Rog District, Semipalatinsk; Ukraine)

Bridge from the book to life ("Didactic basis for the contact between academic instruction and students' work" by M. N. Skatkin. Reviewed by A. Arbuzov). Sem'ia i shkola 16 no. 6 46 Je '61.

Combining education with practical work in industrial enterprises. A. I. Novikov, I. A. Nikitina, B. P. Nikitin. Kommunist 38 no. 15:87-89 O '61.

Influence of the plant personnel on the development of students' discipline. O. D. Kuznechenko. Shkola i proizv. 5 no. 6:28-30 Je '61.

Let's strengthen contacts between the institutions of higher learning and production. T. N. Nikolaeva. Vest. vys. shkoly 19 no. 8,44-45 Ag '61.

Organizational aspects of work training in secondary schools. Iu. A. Vodianikov. Sov. pedag. 25 no. 8 63-70 Ag '61.

Principle of technical education in action. N. V. Solov'ev. Nar. obr. no. 9 insert 1-14 S '61.

Public education in the service of the building of communism. V. Moskovskii. Sov. deput. trud. no. 9, 72-76 S '61.

School workshop at a plant. I. IAzykov. Nar. obr. no. 9 56-57 S '61.

Terms of the contest for the best research paper on the topic "In the new schools there cannot be a single academic subject which does not prepare for life and for work." Fiz. v shkole 21 no. 2:110-111 Mr-Ap '61.

EDUCATION, COOPERATIVE—BIBLIOGRAPHY see Bibliography—Education, Cooperative

EDUCATION, DISTRIBUTIVE see Distributive education

EDUCATION, ELEMENTARY
(see also subdivision under Leningrad; Ukraine)

Let's do away with the underestimation of elementary education. P. Iristin. Nar. obr. no. 9:97-98 S '61.

Pedagogical practice at the faculty for training elementary school teachers. I. Solovkov. Nar. obr. no. 9 28-30 S '61.

EDUCATION, HIGHER
(see also subdivision under Bulgaria, China, Czechoslovakia, Georgia, Germany, East, Gorkiy, Hungary, Kazakhstan; Lithuania, Rumania, Turkmenistan, Uzbekistan, Vietnam, North, White Russia)

Contacts between institutions of higher learning and scientific institutions should be strengthened. I. N. Vetrov. Vest. vys. shkoly 19 no. 8:50-52 Ag '61.

Era of great achievements. Vest. vys. shkoly 19 no. 8: 3-6 Ag '61.

For the most extensive development of research in institutions of higher learning! A. V. Topchiev. Vest. vys. shkoly 19 no. 8,57-59 Ag '61.

Institutions of higher learning should help each other. I. G. Petrovskii. Vest. vys. shkoly 19 no. 8,60-62 Ag '61.

Let's train specialists with inquisitive and creative minds. Vest. vys. shkoly 19 no. 8 76-83 Ag '61.

Measures for improving the training of scientific and academic personnel, in the Central Committee of the CPSU and the Council of Ministers of the U. S. S. R. Sov. pedag. 25 no. 8 14-16 Ag '61.

Pedagogical science and institutions of higher learning. I. A. Kairov. Vest. vys. shkoly 19 no. 8:47-49 Ag '61.

Schools should have highly educated teachers. Vest. vys. shkoly 19 no. 8:87-91 Ag '61.

Spirit of friendship permeates the entire work at the university. S. V. Rumiantsev. Vest. vys. shkoly 19 no. 8: 69-71 Ag '61.

EDUCATION, HIGHER—CONGRESSES

In close contact with life and productive work. V. P. Elutin. Vest. vys. shkoly 19 no. 8:13-16 Ag '61.

To participants in the all-Union Conference of University Faculty and Students. Izv. vys. ucheb. zav., stroi. i arkhit. 4 no. 4 1-2 '61.

EDUCATION, MILITARY see Military education

EDUCATION, PRESCHOOL
(see also subdivision under Irbitsk District; Pskov Province; Ukraine)

Model topics for papers on preschool education to be presented at "Pedagogical readings." Doshk. vosp. 34 no. 9 112-113 S '61.

Response to the nurse's letter. E. Frumkin. Doshk. vosp. 34 no. 9,107-108 S '61.

Some psychological questions of preschool education. B. Baev. Doshk. vykh. 22 no. 9,32-35 S '61.

EDUCATION, PRESCHOOL—BIBLIOGRAPHY see Bibliography—Education, Preschool

EDUCATION, PRESCHOOL—EXHIBITIONS see subdivision under Moscow

EDUCATION, PRESCHOOL—FINANCE

Financing of preschool institutions. D. Rafalovich. Doshk. vykh. 22 no. 9:35-39 S '61.

EDUCATION, RURAL
(see also subdivision under Sokal' District; Ukraine)

Courses of development of the rural eleven-year schools. Shkola i proizv. 5 no. 6:3-9 Je '61.

EDUCATION, TECHNICAL see Technical education

EDUCATION OF CHILDREN

Forms of work are different but there is a common goal in developing students' interests. L. Mikael'ian, I. Lidina. Nar. obr. no. 9 62-65 S '61.

EDUCATION OF CHILDREN—BIBLIOGRAPHY see Bibliography—Education of children

EDUCATIONAL ASSOCIATIONS see subdivision under Kherson Province

EDUCATIONAL LAW AND LEGISLATION

Legal status of the students of general schools during their manual training in industrial enterprises [with summary in English]. A. M. Kuznetsov. Vest. LGU 16 no. 17 130-139 '61.

Special rights of students of evening and correspondence schools. A. Troshin. Sov. iust. no. 17:20-21 S '61.

EDUCATIONAL PSYCHOLOGY
(see also subdivision under Ukraine)

"Didactic principles and rules" [in German] by Helmut Klein. Reviewed by Sh. I. Ganelin, E. O. Zeliger-Rubinshtein. Sov. pedag. 25 no. 8 153-157 Ag '61.

Individual approach during the process of inculcating in children a love for work. A. B. Shcherbo. Rad. shk. 40 no. 6:76-83 Je '61.

Soveshchanie po psikhologii. [Summaries of papers to a conference on psychology] Tezisy dokladov. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1953. 67 p.

EDUCATIONAL PSYCHOLOGY—CONGRESSES

Conference on educational psychology. V. K. Kotyrlo. Rad. shk. 40 no. 6 91-93 Je '61.

EDUCATIONAL RESEARCH

List of active and corresponding members of the Academy of Pedagogical Sciences of the R. S. F. S. R. Dokl. APN no. 1:123-128 '61.

EDUCATIONAL RESEARCH (Continued)

Terms of the contest for the best research paper on the topic "In the new schools there cannot be a single academic subject which does not prepare for life and for work." Iz v shkole 21 no 2 110-111 Mr-Ap '61

EFFECT OF TEMPERATURE ON METALS see Metals, Effect of temperature on

EFFICIENCY, INDUSTRIAL
(see also subdivision under Armenia, Novovolynsk, Tomsk, Ukraine)

Beginning of a big and important undertaking. N. I. Gubenkov. Nauka i zhizn' 28 no 7:37-38 Jl '61

Important national tasks. T. S. Khachaturov. Vest. AN SSSR 31 no. 8 28-30 Ag '61.

The movement of the brigades and shock workers of communist labor. Komm Vooruzh Sil 1 no 17 84-87 S '61

The Soviet people build communism with their own hands Part zhizn' no 19 3 7 O '61

Valuable suggestion. Nauka i zhizn' 28 no 7:38-40 Jl '61

The victory of communist labor, based on the materials of a theoretical conference in the city of Moscow A V Krasov Vop ist KPSS 5 no 5 235-237 '61

We approve and support but.... Nauka i zhizn' 28 no. 7:40-41 Jl '61

What mathematics contributes to the national economy. I. Litvinenko Nauka i zhizn' 28 no. 7:42-46 Jl '61

EGGPLANT

Causes of low eggplant yields E. T. Neklyudova. Kons. i ov prom 16 no 6:28-29 Je '61

EGYPT—HISTORY—SOURCES

The chronicle of al-Jabarti as a historical source I M Fil'shtinskii Krat soob Inst. nar Azii no 47 94-100 '61

EGYPTIAN LANGUAGE—GRAMMAR

Korostovets, M. A. [The Egyptian language] Egipetskii iazyk. Pod obshchei red. G. P. Serdiuchenko. Moskva, Izd-vo vostochnoi lit-ry, 1961. 101 p. (IAzyki zarubezhnogo Vostoka i Afriki)

EICHMANN CASE

Trial in Israel. Smena 38 no. 10.17 My '61.

EIGENFUNCTIONS

Asymptotic expansion of eigenfunctions and eigenvalues in problems with potential wells. A M. Guseinbekova Izv AN Azerb SSR Ser fiz -mat i tekh nauk no 6 49-67 '60

Comments on the asymptotic nature of the eigenfunctions of Schroedinger's equation. V Maslov. Usp mat nauk 16 no 4 253-254 Jl-Ag '61

Expansion by eigenfunctions of a non-self-adjunct differential operator of arbitrary even order on the semi-axis [0, ∞]. V. N Funtakov Izv AN Azerb SSR Ser fiz -mat i tekh nauk no 6 3-19 '60

EIGENVALUES

Asymptotic expansion of eigenfunctions and eigenvalues in problems with potential wells A. M Guseinbekova Izv AN Azerb. SSR. Ser. fiz -mat i tekh nauk no. 6 49-67 '60

Eigenvalues of certain degenerating elliptic equations I. A Solomeshch Mat sbor 51 no. 3:295-310 Jl '61.

M Parodi's book "Localization of the eigenvalues of matrices and their application" [translated from the French]. Reviewed by D. K. Faddeev and V. I. Faddeeva Zhur. vych mat i mat. fiz 1 no. 3:551-552 My-Je '61.

determining the eigen-
shov Zhur.
'61
derivation of
ch. mat i

positive oper-
mat. fiz 1

lem of
vych. mat i

blem. D. A.
v Usp. mat.

Shliderman,
lih high
teproduktov
9, nauchno-
1961. 76 p.

in discharging
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60

NG
ov. shakht.

ELASTIC PLATES AND SHELLS

Application of the initial functions methods to the calculation of thick plates V. V Vlasov Issl po teor. sooruzh no 10 189-207 '61

Approximation method for determining the state of stress in a plane weakened by a reinforced square aperture I IA Biderman Issl po teori sooruzh no 10:287-291 '61

Axisymmetric temperature problem for an orthotropic cylindrical shell. S. M. Durgaryan Izv AN Arm SSR Ser fiz.-mat.nauk 14 no. 3 51-68 '61

Bending of rectangular plates IU M Buzinova Issl po teor. sooruzh no 10:182-188 '61

Cylindrical bending of sandwich plates of a nonsymmetrical structure and with a light filler. V V Ershov Izv vys. ucheb. zav., av. tekh 4 no 3 38-55 '61

Designing a multilayer flexible base. I A. Rodzevich Vop mekh. no. 193 57-67 '61.

Designing toroidal shells V S Chernina Izv. AN SSSR Otd tekh nauk Mekh. i mashinostr no 1 116-123 Jl-Ag '61

Determining the magnitude of disrupting stresses for a plate with two cracks of equal length [with summary in English] V V Panasiuk, B. L. Lozovyi Dop AN URSR no 7 876-880 '61

Effect of the time factor on the strength of a spherical shell subjected to the action of internal pressure M I Rozovskii Izv AN SSSR Otd tekh nauk Mekh. i mashinostr. no. 4 121-129 Jl-Ag '61

Equally stable layered structures M Sh Mikeladze Soob. AN Gruz SSR 26 no 4 397-404 Ap '61

Flexibility of any part of a flexible convex surface L. A. Shor. Usp mat nauk 16 no 3 207-208 My-Je '61

General solution of the problem of the cyclical stress state of revolving shells IA B Livin Issl po teor. sooruzh. no 10, 170-181 '61.

Investigating the stability of a cylindrical shell beyond elastic limit. V. I. Korolev, I. G. Smirnov, V. N Sokolov Vop. mekh. no. 193 22-41 '61

Solution of fundamental boundary problems of the bending of a thin plate occupying a double-connected region [with summary in English] A H Uhodchykov Dop AN URSR no 7 864-867 '61

Stability of a cylindrical shell under the action of torsional moments evenly distributed over its surface S N. Kukudzhanov Soob AN Gruz. SSR 26 no 4 389-395 Ap '61.

Stability of orthotropic plates in a supersonic gas flow S A. Ambartsumian, Zh E. Bagdasarian Izv. AN SSSR Otd tekh. nauk Mekh. i mashinostr no 1 91-96 Jl-Ag '61

Stability of rectangular plates in creep. S. A. Sheater-kov. PMTF no. 3 93-100 S-O '61.

Stress analysis of a stubby-wing-type conic shell. IU. S Matiushev. Izv vys. ucheb zav., av tekh 4 no 3 89-99 '61.

Theory of the nonlinearity of the dynamic stability of shells. V. TS Gnuni Izv. AN SSSR, Otd. tekh nauk Mekh i mashinostr no 4 101-102 Jl-Ag '61.

Using the method of descrete unknowns in designing cylindrical and prismatic shells N I. Gur'ev. Izv vys. ucheb. zav., av. tekh. 1 no 3:153-154 '61

ELASTIC PLATES AND SHELLS—VIBRATION

Aerohydrodynamic forces acting on a circular cylinder vibrating in a flow. S. G Popov, G. A Savitskii. Vop. mekh. no. 193. 72-92 '61.

Determining vibration frequency in a momentless spherical dome O. V Luzhin. Issl po teori sooruzh no 10:3-8 '61.

Forced nonlinear vibrations of elastic panels G V. Mishenkov. Izv. AN SSSR. Otd tekh nauk Mekh i mashinostr. no. 4:97-103 Jl-Ag '61.

Frequencies of natural vibration of the basic tone of orthotropic shallow conic shells V P Kutnikova, I E. Sakharov. Izv AN SSSR Otd tekh. nauk. Mekh i mashinostr no 4 183-186 Jl-Ag '61.

Vibrations in an orthotropic rectangular plate of concentrated mass supported on two opposite sides and with optional support of the other two I. V Kiseleva Issl. po teor. sooruzh no 10:57-68 '61.

ELASTIC RODS AND WIRES

Approximation calculation of elastic frames by a variational method. IA M. Rippenbein. Issl po teor sooruzh. no. 10:90-116 '61.

Designing regular plane rod contours with a polygonal axis. A A. Gorin. Issl po teor. sooruzh. no 10:238-252 '61

Flexure of a prismatic rod having an elliptic annular cross section. V. S. Tonoian. Izv AN Arm SSR. Ser fiz.-mat. nauk 14 no. 3:69-80 '61.

Formula to determine the center of the flexure of an anisotropic prismatic rod of symmetrical cross section V S. Sarkisian. Dokl AN Arm. SSR 32 no 4:197-203 '61.

Longitudinal eccentric impact along a compressed column. N. K. Snitko. Issl po teor. sooruzh. no. 10, 46-56 '61.

Method of superposition in longitudinal bending problems taking into account the weight of the rod itself. V. A. Kronberg, IA. L. Nudel'man. Izv. vys. ucheb zav., stroi i arkhit 4 no 4:13-22 '61.

Stability of straight rods P P Kirillov Izv. vys. zav., stroi i arkhit 4 no 1 62-70 '61

Stability of the equilibrium of compressed and bent rods in the case of inelastic deformations. [illegible] Ivanov. PMTF no. 3:71-84 S-O '61.

Study of the stability of eccentrically compressed spun steel rods IU V Sobolev Izv vys. ucheb. zav., stroi i arkhit 4 no 1 43-52 '61

Torsion and bending of a round rod with [illegible] A S Kosmodamianskii Izv vys. uchebn. zav., stroi i arkhit 4 no 1 42-49 '61.

ELASTIC RODS AND WIRES—VIBRATION

Determining the frequency of free flexural vibrations of compressed and expanded straight rods with [illegible] elastically fastened with respect to angle of rotations E A Sedlinashvili Issl po teor. sooruzh no 10 33-37 '61

Effect of elastic fastening of rod ends on the [illegible] vibrations of the rods IU P Surikov Uch. [illegible] gos ped inst no 29 79-81 '59

ELASTIC SOLIDS

Elastic plastic problem for an isotropic [illegible] by an infinite row of similar circular [illegible] Kosmodamianskii Izv AN SSSR, Otd tekh. nauk, Mekh i mashinostr. no 1 187-188 Jl-Ag '61

Impact reciprocity of two restricted bodies [illegible] mogorov Izv vys. ucheb zav., stroi i arkhit 4 no 1 50-61 '61

Law of the loading of a system guaranteeing a coefficient of dynamism A. A. Mamuna [illegible] SSSR Otd. tekh nauk Mekh. i mashinostr. [illegible] 178-180 Jl-Ag '61

ELASTIC WAVES

One-dimensional motion of ground with spherical, cylindrical, and plane waves A. IA [illegible] [Trudy] NIIOSP no 44 44-87 '61

Some results of experimental investigations in [illegible] ing the propagation velocity of longitudinal waves in specimens IU I Grim a [Trudy] NIIOSP [illegible] 106 '61

ELASTICITY

Analogies in solving certain problems of the [illegible] elasticity and hydrodynamics [with summary in English] G V. Vasil'chenko, K. I. Shimko, [illegible] 1 no. 7 52-59 Jl '61.

Anomaly of Young's modulus and the domain [illegible] nickel B V Molotilov, IU. A Osipi'an [illegible] SSSR 139 no 5:1095-1097 Ag '61

Dispersion correlations for elasticity and [illegible] T. D. Shermergor PMTF no. 1 96-101 Ja [illegible]

Dynamics of a bilinear elastic system with [illegible] freedom I. M Rabinovich Issl po teor [illegible] no 10.38-45 '61.

Existence and uniqueness of solutions of [illegible] boundary value problems in the theory of [illegible] I T Lapushkin. Ukr. mat. zhur 13 no [illegible]

General relationships of the dimensionless [illegible] method in axisymmetric problems in the [illegible] slight elastic-plastic deformations. I. V. [illegible] V. N. Tekants. PMTF no. 3 104-108 [illegible]

One approximation method for solving certain [illegible] tact in the theory of elasticity G. IA. Popo [illegible] Arm. SSR. Ser. fiz -mat. nauk 14 no [illegible]

Reduction of a spatial and plane problem of [illegible] of elasticity in displacements to Neumann's [illegible] [with summary in English] V M Dei. [illegible] URSR no. 7:868-871 '61.

Resistance to abrasive wear and modulus of [illegible] thermally treated brass K V Savitskii, [illegible] shev Izv vys. ucheb. zav., fiz no. 3:161 [illegible]

Separation of variables in equations of the [illegible] theory of elasticity I P. TSni Izv. AN Uz [illegible] fiz. -mat. nauk 3,22-33 '61

Some methods of solving Cauchy's problem in [illegible] mathematical theory of elasticity K Bukhgeim [illegible] AN Uz SSR, Ser fiz -mat. nauk 3:3-12 '61

Stress in nonuniformly heated discs beyond the [illegible] limit PMTF no 1 122-124 My-Je '60

Superposition method in conditions of elastic [illegible] breaking force. V. D. Klushnikov. PMTF [illegible] 103-104 S-O '61.

ELASTOMERS

Fluorine-containing elastomers. S. N. Ushakov. [illegible] rez. 20 no. 8:16-20 Ag '61

ELBRUS REGION—MINERAL WATERS

Balkarov, M. I., and N. A. Tuaev. [Mineral waters of the Elbrus region] Narzany El'brusa. Nal'chik, Kabardino-Balkarskoe knizhnoe izd-vo, 1960. 98 p.

ELECTIONS

Samoilov, F. N. [Prerevolutionary electoral practices] Kak proiskhodili vybory pri tsarizme. [n. p.] [n. d.] "Krasnoarmeiskii rabochii," 1946. 46 p.

ELECTRETS

Theory of photoelectrets. M. L. Chetkarov. [illegible] tela 3 no. 8:2197-2201 Ag '61.

ELECTRIC APPARATUS AND APPLIANCES

Choice of safety factors and calculation of electromagnetic mechanisms having a given reliability. IA. A. Rips. Elektrichestvo no. 4 76-81 Ap '61.

In the plants. Prom. energ. 16 no. 9 19 S '61.

ELECTRIC APPARATUS AND APPLIANCES—EXHIBITIONS

Awarding the participants of the Exhibition of the Achievements of the National Economy of the U.S.S.R. in 1960. M. A. Borisov. Vest. elektroprom. 32 no. 8 56-63 Ag '61.

ELECTRIC APPARATUS AND APPLIANCES—WELDING

Developing procedure and equipment for condenser discharge seam welding of bellows-type thermostats and heat exchangers. N. L. Kaganov. [Trudy] MVTU no. 101 197-216 '61.

ELECTRIC ARC

Determining the effect of the composition of the test on the inflow of matter into the plasma of the direct current arc. V. P. Zakharov, O. A. Shyshlovs'kyi. Visnyk Kyiv un. no. 2 Ser. fiz. ta khim. no. 1 21-25 '59.

Distribution of atoms at excited levels in an arc at low pressure. I. M. Belousova, D. B. Gurevich. Opt. i spektr. 10 no. 3 410-412 Mr '61.

Study of a direct current arc at elevated pressure. A. G. Zhigilinskii, A. N. Zaidel', E. A. Karklina. Opt. i spektr. 10 no. 6 697-701 Je '61.

ELECTRIC BATTERIES

A watch that runs for a year. A. Abdulin. Znan. sila 36 no. 8 19 Ag '61.

ELECTRIC BELLS

Outside repeater for an electric bell. V. Sushchenko. Shkola i proizv. 5 no. 6 69 Je '61.

ELECTRIC BRUSHES. See Brushes, Electric.

ELECTRIC CABLES

(see also subdivision under Hungary, Tashkent)

Action of ionizing radiation on the rubber of cables. G. A. Blokh and others. Vest. elektroprom. 32 no. 8 52-58 Ag '61.

Dry sealing of cables used in control systems. F. I. Uspenskii. Energetik 9 no. 4 30-32 Ap '61.

Electric cutting of multicore cables with simultaneous welding of the cores at the severed ends. A. A. Fofanov and others. Svar. proizv. no. 8 29-30 Ag '61.

New means of sealing the ends of cables of up to 10 kilovolts. V. B. Atabekov. Gor. Khoz. Mosk. 35 no. 8 38-39 Ag '61.

Russia (1917- R. S. F. S. R.) Glavnoe upravlenie po proizvodstvu elektromontazhnykh rabot. [Installation of electric cables] Montazh kabel'nykh linii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 325 p.

Substitutes for copper and lead in the electric cable industry. S. Z. Erukhimovich. Vest. elektroprom. 32 no. 8 5-7 Ag '61.

ELECTRIC CABLES—MAINTENANCE AND REPAIR

Ways of eliminating malfunctioning of cable lines. V. K. Zeleniuk. Vest. protivovozd. oborony no. 8 14-16 Ag '61.

ELECTRIC CABLES—TESTING

Determination of damage to cable communications lines by means of the KP-50 apparatus. V. V. Nemchenko. Vest. protivovozd. oborony no. 8 55-61 Ag '61.

ELECTRIC CAPACITORS

Calculating the capacity of a precision piston condenser for frequencies up to 300 Mc. A. L. Grokhol'skii. Izv. Sib. otd. AN SSSR no. 8 119-121 '61.

Calculation of the field of a flat condenser considering the border effect. S. N. Andreev. Izv. vys. ucheb. zav., elektromekh. 4 no. 8 3-17 '61.

Comments of the frequency dependence of the capacitance of variable capacitors. L. I. Koshkin. Uch. zap. Kuib. gos. ped. inst. no. 29 103-112 '59.

Determination of the carrying capacity of 35 kv. and 110 kv. lines equipped with series connected capacitors. I. E. Ibragimov. Izv. AN Azerb. SSR, Ser. fiz.-mat. i tekh. nauk no. 6 120-143 '60.

Effect of moisture on the insulation of oil-filled paper capacitors. D. S. Varshavskii. Prom. energ. 16 no. 9 14-17 S '61.

Using series capacitors in rural networks. A. S. Usser. Nauch. trudy Sev.-zap. nauch.-issl. inst. sel'khoz. no. 3 pt. 3 22-28 '59.

ELECTRIC CAPACITORS—MAINTENANCE AND REPAIR

Repairing coaxial capacitors. G. N. Maksimov, A. A. Kurochkin. Prom. energ. 16 no. 9 20-21 S '61.

ELECTRIC CHARGE AND DISTRIBUTION

Numerical solution to a first order integral equation describing the current density in a cylindrical antenna. N. N. Govorun. Zhur. vych. mat. i mat. fiz. 1 no. 4 664-678 Jl-Ag '61.

ELECTRIC CIRCUITS

Getling, B. V. [Reading circuits and diagrams of electrical systems] Chtenie skhem i chertezhei elektroustanovok. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 195 p.

Improving the electric stop circuit of drawing and silver lap machines. N. N. Cherkasov, S. F. Klochkov. Tekst. prom. 21 no. 7 27-28 Jl '61.

Kaminskii, E. A. [Star and delta circuits] Zvezda i treugol'nik. Moskva, Gos. energ. izd-vo, 1961. 63 p. (Biblioteka elektromontera, no. 44)

ELECTRIC COILS

Analyzing the possibility of obtaining stationary magnetic fields in coils cooled by liquid hydrogen. E. S. Borovik, F. I. Busol, S. F. Grishin. Zhur. tekh. fiz. 31 no. 4 459-466 Ap '61.

Calculation of a network with a saturable reactor feeding an inductive load. Sh. I. Lutidze, E. L. Blinkov. Elektroenergetika no. 4 49-54 '61.

Magnetic field of a rectangular coil carrying a current. V. A. Bilyukov, V. I. Danilov. Zhur. tekh. fiz. 31 no. 4 428-435 Ap '61.

Mechanical stresses in the loops of the central portion of a long single-layer plane-spiral coil caused by radial electromagnetic force. A. A. Kuznetsov. Zhur. tekh. fiz. 31 no. 8 944-947 Ag '61.

Replacement of the copper wire of the coils of solenoid hammers by aluminum wire. N. P. Riashentsev. Vest. elektroprom. 32 no. 8 24-28 Ag '61.

ELECTRIC COILS—TESTING

Device to test the working order of electric windings. Sel'. stroi. 16 no. 7 insert 8 Jl '61.

Locating the short-circuited turns in rotor poles. I. G. Moroz. Energetik 9 no. 8 15 Ag '61.

ELECTRIC COILS—WINDINGS

TSentral'naia stantsiia iunykh tekhnikov, Moscow. Automatic device for winding coils [Avtomaticheskii stanok dlia namotki katushek. [Moskva] Izd-vo "Detskii mir," 1961. 1 fold. l. (Prilozhenie k zhurnalu "IUnyi tekhnik," no. 15(105))

ELECTRIC CONDUCTIVITY

Extension of the Kramer-Kronig formulae to spatial dispersion media [with summary in English]. M. Leontovich. Zhur. eksp. i teor. fiz. 40 no. 3 907-912 Mr '61.

Relation between recombination luminescence and conductivity in anisothermal conditions. K. K. Rebane. Fiz. tver. tela 2 no. 2 273-274 F '60.

ELECTRIC CONDUITS

Use of plated aluminum instead of copper in the manufacture of electric equipment. M. R. Raukhman. Vest. elektroprom. 32 no. 8 11-17 Ag '61.

ELECTRIC CONTROLLERS

Comparative evaluation of hydraulic and electrohydraulic regulators manufactured at the "Teploavtomat" Plant. D. IU. Motulevich, M. A. IAstrebenetskii. Priborostroenie no. 8 6-8 Ag '61.

Concerning the design of networks with RC circuits for slippage rate regulation. P. I. Gorlunov. Elek. sta. 32 no. 6 88-90 Je '61.

The RUKS-2, PDU-1, P5T-1 and the ZUL-1 unit for automatic control in mining. V. G. Ulitin. Biul. tekh.-ekon. inform. no. 7 13-17 '61.

ELECTRIC CRANES

Fully revolving assembly crane. Sel'. stroi. 16 no. 7 26-27 Jl '61.

ELECTRIC CRANES—EQUIPMENT AND SUPPLIES

Elements for fastening crane rails to reinforced concrete beams. Biul. stroi. tekh. 18 no. 7 37-38 Jl '61.

ELECTRIC CURRENT CONVERTERS

Ionic excitation of synchronous generators using a six-phase network with an equalizing reactor and buffer rectifiers. Sh. I. Lutidze. Elektroenergetika no. 4 28-41 '61.

Large push-pull voltage converter. IU. Khomeniuk. Radio no. 3 46 Mr '61.

New method for determining the θ angle between electromotive force vectors and the voltage on the rings of single-anchor converters. IU. M. Golodnov. Sbor. nats. predl. vnedr. v proizv. no. 5 50-52 '60.

Operation of converters in d. c. power transmission systems at unbalance of the three-phase voltage system and requirements for the grid control of the inverter. D. G. Vlasov. Elektroenergetika no. 4 163-173 '61.

ELECTRIC CURRENT RECTIFIERS

High-voltage rectifier with continuous control of the high potential. V. G. Voronov, V. M. Glushach. Vest. elektroprom. 32 no. 8 38-40 Ag '61.

Ionic exciter in asymmetrical operations. Sh. I. Lutidze, O. K. Maglaperidze. Elektroenergetika no. 4 42-48 '61.

Operating conditions of a three-phase bridge rectifier with nonlinear anode inductances. G. P. Mostkova, F. I. Kovalev. Elektroenergetika no. 4 133-148 '61.

Regulated rectifier for the power supply of measurement circuits [with summary in English]. V. P. Grigal, V. A. Prokhorov. Zhur. fiz. khim. 35 no. 8 1865-1866 Ag '61.

Transient process in a network containing inductances and a bridge rectifier. B. M. Menskii. Elektrichestvo no. 4 58-61 Ap '61.

ELECTRIC CURRENTS

Radiation from a charged current-carrying thread in a moving medium. O. S. Margelian. Dokl. AN Arm. SSR 32 no. 1 105-212 '61.

Taking inertia into account in current interaction. M. I. Levin, V. N. TSytovich. Zhur. tekh. fiz. 31 no. 8 930-938 Ag '61.

ELECTRIC CURRENTS—GROUNDING

Calculation of grounding in soils with nonhomogeneous electrical parameters. L. E. Ebin, A. I. IAkobs. Elektrichestvo no. 4 26-30 Ap '61.

ELECTRIC CURRENTS, ALTERNATING

Minimum thickness of a heat transmitting wall heated by alternating current [with summary in English]. A. K. Leont'ev. Inzh.-fiz. zhur. 4 no. 9 67-72 S '61.

ELECTRIC CUTOUTS

Effect of the magnitude of the current during the moment of contact separation on the arc-quenching process in oil-type electric cutouts. A. A. Chunikhin. Vest. elektroprom. 32 no. 8 35-38 Ag '61.

Redesigning of the rosette contact in the arc arrester of the MGG-229 oil switch. M. G. Khisin. Elek. sta. 32 no. 6 86-87 Je '61.

ELECTRIC CUTTING MACHINERY

The ME-9 electroerosion machine. B. S. Sokolov. Biul. tekh.-ekon. inform. no. 6 39-41 '61.

ELECTRIC DIPOLE MOMENTS. See Dipole moments.

ELECTRIC DISCHARGE LIGHTING

Plasmatron as a light source for spectroscopic studies. F. A. Korolev, IU. K. Kvaratskhelii. Opt. i spektr. 10 no. 3 398-402 Mr '61.

ELECTRIC DISCHARGES

Arcing back in mercury discharges. N. A. Neretina. Zhur. tekh. fiz. 31 no. 9 1138-1145 S '61.

Determining the sublimation energy of the system Pd - H by means of the pulse method [with summary in English]. N. A. Protopopov, V. M. Kul'gavchuk. Inzh.-fiz. zhur. 4 no. 9 102-103 S '61.

Development of a pulse discharge in a liquid. V. S. Komel'kov. Zhur. tekh. fiz. 31 no. 8 949-960 Ag '61.

Effect of the magnitude of the current during the moment of contact separation on the arc-quenching process in oil-type electric cutouts. A. A. Chunikhin. Vest. elektroprom. 32 no. 8 35-38 Ag '61.

Initial stages of a pulse discharge at low pressures. A. B. Boim, E. M. Reikhrudel'. Zhur. tekh. fiz. 31 no. 9 1127-1134 S '61.

Relation between the time lag and the path length in air. A. A. Vorob'ev, G. A. Vorob'ev, V. A. Kostrygin. Zhur. tekh. fiz. 31 no. 9 1135-1137 S '61.

Using a spark discharge for producing intensive scintillations of a duration of 10^{-7} to 10^{-8} sec. Part I. Investigation of electric processes in a spark discharge of nanosecond duration. S. I. Andreev, M. P. Vanlukov. Zhur. tekh. fiz. 31 no. 8 961-974 Ag '61.

ELECTRIC DISCHARGES THROUGH GASES

Absorption of deuterium by aluminum cathodes in a gaseous discharge [with summary in English]. A. A. Rodina. Zhur. fiz. khim. 35 no. 8 1657-1660 Ag '61.

Anode region in a gas discharge at low pressure. Part 3. Formation of additional plasmas (anode spots) on the anode. B. N. Klimfel'd, N. A. Neretina. Zhur. tekh. fiz. 30 no. 2 186-198 F '60.

Calculating the function of electron distribution from the energy in a positive discharge column in neon. IU. M. Kagan, R. I. Liagushchenko. Zhur. tekh. fiz. 31 no. 4 445-449 Ap '61.

Ionization of neon, argon, helium and hydrogen in a pulse discharge. IU. D. Pigarov, P. M. Morozov. Zhur. tekh. fiz. 31 no. 4 476-485 Ap '61.

Ionization of nitrogen and oxygen in a pulse discharge. IU. D. Pigarov, P. M. Morozov. Zhur. tekh. fiz. 31 no. 4 467-475 Ap '61.

Penetration of deuterium ions into zirconium during an electric discharge through gases [with summary in English]. A. A. Rodina. Zhur. fiz. khim. 35 no. 8 1661-1665 Ag '61.

Propagation of successive shock waves. B. G. Safronov, G. G. Aseev, IU. S. Azovskii. Zhur. tekh. fiz. 31 no. 9 1066-1072 S '61.

Recombination luminescence of indium antimonide in avalanche discharges. N. G. Basov, B. D. Osipov, A. N. Khvoshchev. Zhur. eksp. i teor. fiz. 40 no. 6 1682 Je '61.

Refinement of the Saha equation. K. K. Khanov. Svar. proizv. no. 9 1-4 S '61.

Time duration of a discharge in a gas-discharge manometer. A. S. Borodkin. Zhur. tekh. fiz. 30 no. 3 359-364 Mr '60.

ELECTRIC DRIVING

Certain problems concerning the design and use of powder clutches. P. R. Pugovkin. Vest. elektroprom. 32 no. 9 49-53 S '61.

ELECTRIC DRIVING (Continued)

Concerning the use of dynamic capacitance for smooth regulation of an electric drive A P Bezrodnyi Izv vys uchcb. zav , elektromekh 4 no 8 81-88 '61

Design of diaphragm drives for electrical apparatus. IA A. Barg, V. I Gefter, S. G. Krivosheeva Vest elektroprom 32 no 8;69-71 Ag '61

Electric motors with conical rotors G. D. Neparidze. Vest. elektroprom 32 no 8:65-67 Ag '61

Investigating automatically controlled electric drives with ionic excitation for drawing machines IU I Malakhov Trudy Inst fiad. fiz AN Kazakh. SSR 41:158-171 '61

Problem concerning the calculation of transient processes in a saturable reactor with time-wise change in the load of the choke N S Chakhirov Trudy Inst elek , avtom i telem AN Gruz SSR 2 33-38 '61

Regarding N. G. Shtol'tser's article. Vest. elektroprom. 32 no. 9:65 Ag '61

Regulation of the angular velocity of multiple-speed electric motors with differential transmissions L L Rotkop Izv vys ucheb. zav , elektromekh 4 no 8 72-80 '61

Selection of the power rating of an asynchronous motor in choke controlled drives V L Ankhimiuk, O P Il'in Elektrichestvo no. 4 39-42 Ap '61

Study of the stability of an electric drive with capacitive stabilization D. A. Kaminskaia. Izv vys. ucheb zav , elektromekh 4 no 8 40-47 '61

ELECTRIC ENGINEERING

Review of A. E Kaplianskii's book "Methods for teaching the theoretical principles of electric engineering " A A. Zhdanov Izv. vys uchcb zav., elektromekh. 4 no. 8 99-100 '61.

Through the pages of foreign magazines Energetik 9 no. 4,34-36 Ap '61

ELECTRIC ENGINEERING—ABSTRACTS

[Electrical engineering and electric power.] Ref. zhur. Elektrotekh. i energ. no 9 S '61.

ELECTRIC ENGINEERING—HANDBOOKS, MANUALS, ETC.

Nakhutin, I. P., and G. I. Kuznetskii. [Manual on practical problems in electrical engineering] Posobie dlia prakticheskikh zaniatii po elektrotekhnike. Moskva, Vses. uchebno-pedagog. izd-vo Profitekhizdat, 1961 166 p.

ELECTRIC ENGINEERING—LABORATORY MANUALS

Lorner, L. S., A. A. Tereshchenkov, and I. K. Kocherysh-kin. [Organization and methodology of work in electrical engineering laboratories] Organizatsiia i metodika laboratornykh rabot po elektrotekhnike, Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 109 p.

ELECTRIC ENGINEERING—MATERIALS

For the saving of nonferrous metals in the manufacture of electric apparatus and machinery V. A Baev, S. M Zeitman. Vest. elektroprom. 32 no. 8:1-4 Ag '61.

ELECTRIC ENGINEERING—SAFETY MEASURES

Design and industrial accidents. M S. Glazenap, V. E. Manotlov. Prom. energ 16 no 9 37-10 S '61

Regulations for technical and safe operation of electric units in industrial enterprises. Prom. energ. 16 no 9.50-53 S '61

ELECTRIC ENGINEERING—STUDY AND TEACHING

"Methodology of teaching electric engineering in secondary schools" by M. A. Ushakov Reviewed by R. B Tkach[illegible] Fiz. v shkole 21 no 5:103-104 My-Je '61

owledge and skills in electrical etanin. Fiz. v shkole 21 no 3

Generation of crystallization centers in a drop of ammonium chloride solution under the action of an electric field A. V. Shubnikov, V. F Parvov Kristallografiia 6 no 3 443-450 My-Je '61

Initial and critical field intensities on the surface of conductors in a corona discharge G. N. Aleksandrov, N P Aleksandrova Zhur tekh fiz 31 no 1 150-158 Ap '61.

Light absorption by electrons of nonmetallic crystals in an electric field [with summary in English] V A IAkovlev Zhur eksp i teor fiz 40 no 6:1695-1698 Je '61.

Mechanism of the oscillations of a volume charge in quasi-compensated ion beams M. V Nezlin Zhur tekh fiz 30 no 2 168-177 F '60

Possibility of the "flaring up" of quadrupole exciton absorption lines in an electric field V I Cherepanov. Fiz tver. tela 3 no 7,2183-2185 Jl '61

Theory of the conductivity of electrons in narrow bands of semiconductors in a high electric field V A IAkovlev Fiz tver tela 3 no 7:1982-1986 Jl '61

ELECTRIC FILTERS

Adjusting "Eleks" electric filters. M. A Petronio, L. G Odintsov Bum prom. 36 no. 6 18-20 Ag '61.

High-speed electric filter I. N. Vostokov. Tsement 27 no 4:25 Jl-Ag '61

ELECTRIC FISHING

Nusenbaum, L. M., and T. I. Faleeva. [Biological and technical foundations of electric fishing] Biologicheskie i tekhnicheskie osnovy elektrolova ryby. Leningrad.

No. 1. [Study of the behavior of fishes in the electric field] Issledovanie povedeniia pyby v elektricheskom pole 1961. 92 p. [With summary in English.] (Leningrad. Vsesoiuznyi nauchno-issledovatel'skii institut ozernogo i rechnogo rybnogo khoziaistva. Izvestiia, vol. 52)

ELECTRIC FREQUENCY MEASUREMENTS see Frequency measurements

ELECTRIC FURNACES

Automatic control of thermal conditions in steel smelting arc furnaces. V. M Vinogradov Izv vys ucheb zav , chern. met. 4 no 7 180-184 '61.

Automation of the arc furnace in electric steel melting shops. B. S. Dobychin. Sbor rats. predl. vnedr v proizv no. 5 17-19 '60

Electric conditions of carbide furnaces. R. Chugurian. Prom. Arm. 4 no 5 38-42 My '61.

Electric processes in the shell of the carbide furnace. R. A. Chugurian. Izv. AN Arm SSR. Ser. tekh. nauk 14 no. 3 27-34 '61.

Fel'dman, I. A., M. B. Gutman, and G. K. Rubin. [Calculation of heating elements for electric resistance furnaces] Raschet nagrevatelei elektropechei soprotivlenila. Moskva, Gos. energ. izd-vo 1961. 26 p. (Biblioteka elektrotermista, no. 5)

Tolokonnikov, L. S. [Calculation and design of electric furnace components] Raschet i konstruirovanie mekhanizmov elektricheskikh pechei. Moskva, Gos. energ. izd-vo 1961. 238 p.

ELECTRIC FURNACES—EQUIPMENT AND SUPPLIES

Simple temperature regulator with two settings A. F Skubenko Izv vys ucheb. zav , energ. 4 no 8 67-69 Ag '61

ELECTRIC GENERATORS

Ionic excitation of synchronous generators using a six-phase network with an equalizing reactor and buffer rectifiers. Sh. I. Lutidze Elektroenergetika no. 4: 28-41 '61.

Ionic exciter in asymmetrical operations. Sh. I. Lutidzé, O. K. Maglaperidze. Elektroenergetika no 4:42-48 '61.

Principal problems of the theory of induction-type electric generators. N. IA. Al'per Vest elektroprom. 32 no. 9 27-33 S '61.

ELECTRIC HEATING

Electric heaters for petroleum products. V. G. Kurov. Prom. energ. 16 no. 9:21-22 S '61.

ELECTRIC INDUSTRIES

(see also subdivision under Azerbaijan; Erivan; Georgia, Moscow; Soviet Central Asia)

Block installation of electrical equipment and industrial combinations L. M. Kanevskii Vest elektroprom 32 no. 9 17-20 S '61

State of the electric industries in the period between the 20th and 22d congresses of the CPSU. E M. Pel'tsman. Vest elektroprom 32 no 9:4-6 S '61.

ELECTRIC INDUSTRIES—ACCOUNTING

Concerning the evaluation of activity of industrial enterprises Z. F. Khavin. Vest.elektroprom. 32 no 9 13-17 S '61.

Evaluation of activity and comparison of the levels of labor productivity at different types of enterprises L. Z. Kovarskii. Vest elektroprom. 32 no. 9 20-23 S '61.

ELECTRIC INSTRUMENTS

Electric engineering: relays, signalizers, regulators, and level and pressure indicators (to be continued) Prom energ. 16 no 9 62-63 S '61.

ELECTRIC INSULATORS AND INSULATION

Action of ionizing radiation on the rubber of cables. G. A. Blokh and others Vest elektroprom. 32 no 8 52-58 Ag '61.

Breaking of glass suspension insulators in a compensated 35 kv electric power network. T P. Musatov Energetik 9 no 8:23-25 Ag '61

Determination of the future demand of electric insulating materials Kh R. Parkulinian Vest elektroprom 32 no 9 24-26 S '61

Manufacture of hard-glass suspension insulators N. A Nikolaev and others Vest elektroprom 32 no 9 51-56 S '61

Rod-type supporting electric insulators for outdoor use with a 15 to 220 kv power rating D. V Shinkarenko, V. N. Trusova Vest. elektroprom 32 no 8 71-76 Ag '61

Use of different methods for determining the volume resistance of electric insulating materials N V Alekseev, E. A Kalinina, S. G Trubachev Elektrichestvo no 4 61-68 Ap '61.

Use of "eskapon" insulation in electric traction motors A A. Skvortsov, P. F. Minak Vest elektroprom 32 no 9 42-45 S '61

ELECTRIC LAMPS

Generator of short light pulses for various measurements. G. S Vil'gel'me, IU. A Kolosov, Zh. M. Rabkin Izv. AN SSSR. Ser. fiz. 25 no. 9:1150-1152 S '61.

New developments in disc-type lamps with light emitting electrodes. A. I. Bodrentsova, S. I. Levikov. Svetotekhnika 7 no. 3 21-24 Mr '61.

ELECTRIC LIGHT FIXTURES

Nomenclature of light fixtures for dwellings. N. S. Ivanova, G. B. Markovova. Svetotekhnika 7 no. 3:6-10 Mr '61.

Overhead and wall fixtures with incandescent bulbs for homes. Svetotekhnika 7 no. 3:32 Mr '61.

Principles of designing circular light fixtures. BI. B Aizenberg. Svetotekhnika 7 no. 3:1-6 Mr '61.

Wall-attached light fixtures with incandescent lamps. Svetotekhnika 7 no 7:32 Jl '61.

ELECTRIC LIGHTING

Activity of the Lighting Engineering Section of the Moscow Scientific Technological Society of the Power Industry for 1960. G. I. Ashkenazi. Svetotekhnika 7 no. 3:25-27 Mr '61.

Electric exploding of wires to obtain a multiple-action pulse light source E. S. Marshak. Opt i spektr 10 no. 6:801-804 Je '61.

"Handbook for designing electric lighting systems" by G. M. Knorring. Reviewed by A. IA. Kots. Svetotekhnika 7 no. 3:28-29 Mr '61.

Injuries connected with the use of lighting systems. A. IA. Kots. Svetotekhnika 7 no 7:30 Jl '61.

Through the pages of foreign magazines. Svetotekhnika 7 no. 3:30-31 Mr '61.

Through the pages of foreign magazines. Svetotekhnika 7 no. 7:30-31 Jl '61

ELECTRIC LIGHTING—MODELS

System for physical modeling of mirror lamps. V. S Litvinov Svetotekhnika 7 no 7:11-15 Jl '61.

ELECTRIC LIGHTING, FLUORESCENT see Fluorescent lighting

ELECTRIC LIGHTING, MERCURY VAPOR

Illuminator with mercury-quartz lamps. A. P. Kuz'min, A. A. Pokrovskii. Fiz. v shkole 21 no 3:68-69 My-Je '61.

ELECTRIC LINES

Determination of the carrying capacity of 35 kv. and 110 kv. lines equipped with series connected capacitors. I. E. Ibragimov. Izv. AN Azerb. SSR. Ser. fiz.-mat i tekh. nauk no. 6 129-133 '60.

Locating of single-phase damages in cables. M. V. Lokshin, A. V. Chvanov. Elek. sta 32 no. 6:68-71 Je '61.

Parallel operation of short cable lines without differential protection I. V. Rumiantsev, V. S. Kniazhevskii Energetik 9 no. 4:24-25 Ap '61

Phase-selective impulse relay starter. R. M. Platigorskii. Elektroenergetika no. 4:55-63 '61

ELECTRIC LINES—OVERHEAD

Breaking of glass suspension insulators in a compensated 35 kv. electric power network. T. P. Musatov. Energetik 9 no. 8:23-25 Ag '61.

Effect of lightning strokes which have bypassed the grounding wires on high-voltage power transmission lines M. V. Kostenko, L. F. Polovni, A. N. Rozenfel'd Elektrichestvo no. 4:20-26 Ap '61

Gas-type magnetic valve discharger with a 330 kv voltage rating. A. L. Bronfman, IU. M. Gutman. Vest elektroprom 32 no 9 73-74 S '61

ELECTRIC LINES – OVERHEAD (Continued)

Generalization of the experimental data on radio interference caused by corona generating wires obtained from measurements of operational and experimental lines. N, B, Bogdanova, S I, Rlabaia Elektroenergetika no, 4:90-114 '61

Manufacture of hard-glass suspension insulators N A. Nikolaev and others Vest elektroprom 32 no 9 54-56 S '61.

Motortruck for operations on electric lines. F S. Breus. Energetik 9 no 8:19-23 Ag '61.

New crane or hoist for assembling high-voltage electric lines T. V Shein Mont i spets rab v stroi 23 no 8 15-18 Ag '61.

New design of a device for measuring the tension of electric power lines. N. M. Boev Energetik 9 no 4 20-22 Ap '61.

Resetting wires on 330 kv electric power transmission lines L. G Bagdasarian Energetik 9 no 8 23 Ag '61.

Rod-type supporting electric insulators for outdoor use with a 35 to 220 kv. power rating. D V. Shishman, V. N. Trusova. Vest. elektroprom 32 no 8:74-76 Ag '61.

ELECTRIC LINES—POLES

"Claws" for climbing reinforced concrete poles. G. Rodov, V. Semenov. Stroitel' no 7 28 Jl '61

Determination of the design parameters and the minimum permissible diameters of the components of wooden anchor tower corner-pole supports on 35 and 110 kv. electric power transmission lines A S. Zelichenko, B M. Sarychev. Elek. sta 32 no 6 59-64 Je '61.

Intermediate, semi-anchored, and A-shaped composite reinforced concrete poles for 6 to 10 kv. transmission lines. T. N. Bystrova. Sbor nauch. rab. Inst. bud i arkhit. AN BSSR no. 4:53-58 '60.

Method of testing pile foundations of electric line poles. E. I. Il'inshevich Sbor. nauch. rab. Inst bud i arkhit AN BSSR no. 4:92-96 '60.

New designs of intermediate reinforced concrete poles for 35-110 kv electric power transmission lines. N. P Katigrob. Sbor nauch st. Azovo-Cher inst mekh. sel'khoz. no. 8 pt. 2 107-109 '59.

Reinforced poles for overhead electric transmission lines. Biul. stroi. tekh. 18 no. 6:17-20 Ag '61

ELECTRIC LOCOMOTIVES

Dyman, Z. L. [Individual contactors on d. c. powered electric locomotives] Individual'nye kontaktory elektrovozov postoiannogo toka. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 35 p. (Bibliotechka mashinista elektrovoza)

Electric antislippage circuits for electric locomotives. Iu. I. Chuverin. Vest TSNII MPS 20 no. 5:16-20 '61.

Experimental studies of a system with controlled characteristics using an experiment electric locomotive. S. O. Grigorian, D. B. Nalbandian. Izv. vys. ucheb. zav.; elektromekh 4 no. 8, 18-60 '61.

Russia (1923- U. S. S. R.) Glavnoe upravlenie lokomotivnogo khoziaistva. [VL22m electric locomotive; manual] Elektrovoz VL22m; instruktsionnaia kniga. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 239 p.

Ushakov, S. S. [Advantages of electric and diesel traction] Preimushchestva elektricheskoi i teplovoznoi tiagi. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 45 p. (V pomoshch' izucha-iushchim ekonomiku zheleznodorozhnogo transporta)

Vorozheikin, D. I., ed. [Operations and maintenance of electric d. c. locomotives] Eksploatatsiia i obsluzhivanie elektrovozov postoiannogo toka. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 341 p.

What causes the skidding of electric locomotives? V. M. Danilov. Put' i put. khoz. 5 no. 7:32-33 Jl '61.

ELECTRIC LOCOMOTIVES—DESIGN

Ways of improving main-line electric locomotives. A. L. Kurochka. Zhel.-dor. transp. 43 no. 9:14-19 S '61.

ELECTRIC LOCOMOTIVES—ELECTRIC EQUIPMENT

Kirbiat'ov, L. N. [Reversers and switchgears of electric locomotives] Reversory i perekliuchateli elektrovozov. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 27 p. (Bibliotechka mashinista elektrovoza)

ELECTRIC LOCOMOTIVES—PNEUMATIC EQUIPMENT

Design of diaphragm drives for electrical apparatus. IA. A. Barb, V. I. Gefter, S. G. Krivosheeva. Vest. elektroprom. 32 no. 8:69-71 Ag '61.

ELECTRIC MACHINERY

Circuit transformations in the analysis of electric machinery. I. I. Talalov. Elektrichestvo no. 4:34-38 Ap '61.

Determination of the ellipticity coefficient of the magnetic field of the massive rotor of an electric machine. A. A. Lebedev. Izv. vys. ucheb. zav., elektromekh. 4 no. 8:18-21 '61.

Distribution of the potential on the collector and its effect on the commutation. O. P. Siderov. Vest. elektroprom. 32 no. 9, 34-35 S '61.

Economic effectiveness in the manufacture of large electric machinery. Vest. elektroprom 32 no. 9 78-79 S '61

Permissible limits in the unbalance of stiff rotors of electric machines V V Aleksandrovskii, V A. Zenkevich. Vest elektroprom 32 no 9 66-72 S '61.

Use of an electronic model for calculating thermal conditions in electric machinery I. P Bolnaev. Izv. vys. ucheb. zav., elektromekh. 4 no. 8:22-30 '61.

Use of digital computers for calculating transient processes in synchronous machinery using differential equations with periodic coefficients. B. M. Kagan, E. L. Ulman. Elektrichestvo no. 4 43-48 Ap '61

Vazhnov, A. I., IU. A. Rozovskii, and P. Z. Salita. [Electrodynamic model of power systems] Elektrodinamicheskaia model' energosistem. Moskva, Gos. energ. izd-vo, 1961. 112 p.

[MICROFILM]

ELECTRIC MACHINERY—CONGRESSES

Conference on economics held at the Central Research and Machinery Building Institute L. K. Kollerov. Energomashinostroenie 7 no 5 32 My '61

ELECTRIC MACHINERY—COOLING

Concerning the efficient use of the ventilating grooves in a rotor. A. M. Rassulov. Vest. elektroprom. 32 no. 8:31-34 Ag '61.

ELECTRIC MACHINERY—MAINTENANCE AND REPAIR

see subdivision under Lugansk

ELECTRIC MACHINERY—NOISE

Magnetic noise in d. c. electric machinery E. R. Kucher. Vest elektroprom. 32 no 9 38-41 S '61

ELECTRIC MACHINERY—WINDINGS

Locating the short-circuited turns in rotor poles I. G Moroz. Energetik 9 no 8:15 Ag '61.

Vinogradov, N. V. [Electric machinery armature winder] Obmotchik elektricheskikh mashin. Izd. 4., perer. i dop. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 349 p.

ELECTRIC MACHINERY, SYNCHRONOUS

Segmentation of the stator cores of synchronous machinery. E. V. Shkol'nik, G. B. Pinskii. Vest. elektroprom. 32 no 8:67-69 Ag '61.

ELECTRIC MACHINES

Electrostatic current generator. N. G. Drozdov and others. Elektrichestvo no. 4:48-50 Ap '61

ELECTRIC MEASUREMENTS

Bridge with a linear scale for measuring resistances and capacitances A. Kuznetsov. Radio no. 3:55-56 Mr '61.

Concerning the principal cause of vibration in moving systems of induction measuring instruments and relays. P. V. Dubkov. Elektroenergetika no. 4:84-89 '61

Device for the determination of linear displacements of self-adjusting tube mandrels in the center of deformation. A. V. Anisimov, V. IA. Shapiro. Izv. vys. ucheb. zav., tsvet. met. 4 no. 4:149-155 '61.

Increasing the voltage rating of the TsZO current measuring tongs N. Kh. Mukhametov. Energetik 9 no. 8:18 Ag '61.

Interference-killing methods in the measurement of harmonic signals with a varying phase. L. IA. Miziuk. Izv. Sib. otd. AN SSSR no. 8:22-35 '61.

Turkevich, A. P., and N. IA. Vovchenko. [Calculation of electric measuring devices and power compensated systems] Raschet elektricheskikh izmeritel'nykh ustroistv i sistem s silovoi kompensatsiei. Pod red. B. A. Rlabova. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1961. 126 p.

Methods for measuring the dielectric permeability of a substance at superhigh frequencies. V. P. Shestopalov, K. P. Mizuk. Usp. fiz. nauk 74 no. 4:721-755 Ag '61.

Mismatching errors in measuring and comparing output voltages of generators. B. E. Rabinovich. Izm. tekh. no. 9:37-39 S '61.

Phase indicators. V. Kamenev. Radio no. 3:49 Mr '61.

Potentiometric multiplication network with decreased systematic error. N. P. Polfakov. Izv. vys. ucheb. zav., elektromekh. 4 no. 8, 89-93 '61.

Switching-type polarimeter for marking the end leads of the stator windings of electric motors. M I. Gumin Energetik 9 no. 8:17-18 Ag '61.

Zero stability of synchronous detectors equipped with semiconductor diodes and transistors. M. S. Roitman and others. Izm. tekh. no. 9:27-31 S '61.

ELECTRIC MEASUREMENTS—STUDY AND TEACHING

Studying the topic "Electric meters and electric measurements" during the course in electric engineering in the eleven-year school. IA. F. Lerner. Fiz. v shkole 21 no. 3:42-48 My-Je '61.

ELECTRIC METAL CUTTING

Chernakov, F. A. [Argon-tungsten arc cutting of aluminum alloy sheet in thicknesses up to and including 50 mm.] Argono-dugovaia rezka vol'framovym elektrodom alliuminievykh splavov tolshchinoi do 50 mm vkliuchitel'no. Leningrad, 1960. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Svarka i paika metallov, no. 9)

Electric cutting of multicore cables with simultaneous welding of the cores at the severed ends. A. A Fofanov and others. Svar proizv no 8:29-30 Ag '61

Kosmachev, I. G. [Anode and tool machining of metals] Obrabotka metallov anodno-mekhanicheskim sposobom. Pod obshchei red. L. IA. Popilova. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 82 p. (Bibliotechka elektrotekhnologa i ul'trazvukovika, no. 3)

Terminology used in the gas-arc cutting process. K. V Vasil'ev Avtom svar 14 no 9 47-50 S '61.

ELECTRIC METERS

Connecting a two-cell kilowattmeter by means of a single voltage transformer. E. I Zabokritskii. Prom energ. 16 no. 8 35-36 S '61.

Recording electric meters with a watch mechanism for feeding diagram paper. S. M. Sokolovskii Biul tekh.-ekon inform. no. 7:54-55 '61.

Studying the topic "Electric meters and electric measurements" during the course in electric engineering in the eleven-year school. IA F. Lerner. Fiz v shkole 21 no. 3:42-48 My-Je '61

Use of the VAF-85 device for measuring unbalanced currents M I Gumin Energetik 9 no 8, 16-17 Ag '61

ELECTRIC MOTORS

Electric motors with conical rotors. G. D. Neparidze. Vest. elektroprom 32 no. 8:65-67 Ag '61

Equipping the KP-3 electric motors with antifriction bearings having welded caps. V. I Dubchenko Sbor rats predl vnedr v proizv. no. 5:48 '60.

Our consultations. Radio no. 3:62-63 Mr '61.

Preventing electric motors from working on two phases. A. V. Ionkel'. Bezop truda v prom. 5 no 8 21-25 Ag '61

Regulation of the angular velocity of multiple-speed electric motors with differential transmissions. L. L Rotkop. Izv vys. ucheb. zav., elektromekh. 4 no. 8, 72-80 '61.

ELECTRIC MOTORS—STARTING DEVICES

Throttle acceleration of electric motors with phase rotors up to 100 kw. by means of MO ZOOB PV 40-percent 220 V electromagnetics A. G. Egai Trudy Inst fiz AN Kazakh. SSR 4:151-157 '61.

ELECTRIC MOTORS—TESTING

Checking the soldering of electric motor winding. V. P. Malyah. Sbor. rats predl. vnedr. v proizv. no. 5:52-53 '60.

ELECTRIC MOTORS—WINDINGS

Switching-type polarimeter for marking the end leads of the stator windings of electric motors. M I Gumin. Energetik 9 no. 8:17-18 Ag '61

ELECTRIC MOTORS, INDUCTION

Calculation of the volume of steel contained in magnetic amplifiers with noncontact reversive circuits with six chokes for controlling short-circuited three-phase asynchronous motors. V. L. Benin, I. N. Senkevich. Izv. vys. ucheb. zav., elektromekh. 4 no 8, 61-71 '61.

New methods for starting asynchronous motors with phase-type and short-circuited rotors D. P Morozov Vest elektroprom. 32 no 9, 36-38 S '61.

Operational stability of asynchronous motors with significant external resistance and parallel connected static condensers. N. I. Sokolov Elek. sta 32 no 6:43-47 Je '61.

Selection of the power rating of an asynchronous motor in choke controlled drives. V. L Ankhimiuk, O. P. Il'in Elektrichestvo no. 4 39-42 Ap '61.

Stand for preparing and packing electric insulation in grooves. A. A. Bondarenko. Vest. elektroprom 32 no. 8:63-64 Ag '61.

ELECTRIC MOTORS, INDUCTION—SAFETY MEASURES

Electric motors should not burn out. L. Girchenko. Izobr. i rats. no. 9:27 S '61.

ELECTRIC MOTORS, INDUCTION—WINDINGS

Rewinding of electric motors with aluminum wire. V. V. Serkov. Energetik 9 no. 4:33 Ap '61.

ELECTRIC MOTORS, SYNCHRONOUS

The DSZ-2200-60 electric synchronous motor. IA. B. Finkel'shtein. Biul. tekh.-ekon. inform. no. 7:57-59 '61.

ELECTRIC NETWORKS

Analytical investigation of voltage conditions in a 6-10 kv network with a longitudinal capacitance compensation. L. I. Voronov. Nauch. trudy Sev.-zap. nauch.-issl. inst. sel'khoz. no. 3 pt. 3:43-61 '59.

Calculation of steady-state conditions in a linear electrical system with variable parameters. V. S Davydov Elektrichestvo no 4:51-56 Ap '61.

Design of a multistage divider. A. Rezinovskii. Radio no. 3:57 Mr '61.

Dual conversion of a gyrator. IA. K. Trokhimenko. Izv. vys. ucheb. zav., radiotekh. 3 no 6 861-862 N-D '60.

ELECTRIC NETWORKS (Continued)

Generalized interpretation of the fundamental relationships in a tank circuit P M Vaintrub. Izv vys ucheb zav , energ 4 no 8-26-36 Ag '61

Getling, B. V. [Reading circuits and diagrams of electrical systems] Chtenie skhem i chertezhei elektrooustanovok Moskva, Vses. uchebno-pedagog. izd-vo Profitekhizdat, 1961. 195 p

Kozlov, V. A. [Municipal closed-loop electric networks] Gorodskie zamknutye elektricheskie seti. Moskva, Gos. energ. izd-vo, 1961, 238 p.

Maksimovich, N. G. [Linear electric networks and their conversions] Lineinye elektricheskie tsepi i ikh preobrazovaniia Moskva, Gos. energ. izd-vo, 1961, 263 p.

Method for determining the operating conditions in a complex electrical systems N. A Mel'nikov Izv vys ucheb zav., energ 4 no 8 9-13 Ag '61

An open electric arc in rural 10 kv networks and lightning protection of these networks. K. S. Taraqov Nauch trudy Sev -vap nauch.-issl inst sel'khoz no 3 pt 3 3-21 '59,

Restoration of potential on the contacts of a switch while disconnecting a short-circuit at some distance from the switch. M M Akodis, P A Korzun Izv. vys ucheb zav , energ 4 no 8-1-8 Ag '61

Selecting the voltage drop in long electric power transmission lines A.S. Usser. Nauch. trudy Sev.-zap. nauch.-issl inst. sel'khoz. no. 3 pt. 3:62-65 '59.

ELECTRIC NETWORKS—SAFETY MEASURES

Preventing single-phase short-circuits to ground in networks carrying a voltage of 380 volts A. M. Piskunov. Prom. energ 16 no. 9 19-20 S '61.

ELECTRIC OSCILLATORS see Oscillators, Electric

ELECTRIC POWER
(see also subdivision under Golodnaya Steppe, Switzerland)

Basic problems concerning the efficient use of electric power in industry. B. A. Konstantinov. Trudy LIEI no. 33:143-157 '60.

[Electric power production and utilization in foreign countries, supplement to the periodical "Elektricheskie stantsii"] Energokhoz za rub. nos 1-4 Ja-Ag '61

Nazarenko, U. P. [Economy in the use of electricity in compressor plants] Ekonomiia elektroenergii v kompressornykh ustanovkakh, Moskva, Gos. energ. izd-vo, 1961. 79 p. (Za ekonomiiu elektricheskoi i teplovoi energii)

[Power construction in foreign countries; supplement to the periodical "Energeticheskoe stroitel'stvo"]. Energ stroi za rub. no 3 '59; no. 4 '60.

Problem concerning the calculation of electric power losses in municipal electric networks. V. P. Shreiber. Trudy LIEI no. 33 119-123 '60.

Problem concerning the determination of the loads of a municipal electric network. N. I. Medvedskii. Trudy LIEI no. 33:102-107 '60.

Use of mathematical statistics for studying the electric loads of municipal networks. V. M. Dmitriev. Trudy LIEI no. 33, 80-101 '60.

ELECTRIC POWER—ABSTRACTS

[Electrical engineering and electric power.] Ref. zhur. Elektrotekh. i energ. no. 9 S '61.

ELECTRIC POWER DISTRIBUTION
(see also subdivision under Armenia)

method for calculating short-circuit currents
h steel-cored lines L M. Pershina
o 4:30-34 Ap '61

rning the efficient use of electric
A. Konstantinov. Trudy LIEI

ric power network feeding
N S Kanakin. Obshch.

onsumers of electric power.
EI no. 33:5-19 '60.

ages for electric power
Brzhozovskii, V P Bialiov
'61

connecting local electric
rnal power supply system
A. M. Krivorotov. Ener-

and electric transformers
networks. R L Kvavidze.
'61.

ribution in a system of
iform and isotropic medium
ry in Russian]. Z I. Kiazim-
neft khoz. 40 no 6.

power consumption on the
wer distribution networks.
g. no 4, 62-73 '61

new "Regulations for
and power plants " R B
rgetik 9 no. 8:30-31 Ag

Household consumption of electricity in cities abroad. S. N. Nikogosov. Trudy LIEI no. 33, 66-79 '60.

Kozlov, V. A. [Municipal closed-loop electric networks] Gorodskie zamknutye elektricheskie seti. Moskva, Gos. energ. izd-vo, 1961, 238 p.

Methodical problems on the determination of future demands of electrified transportation on electric power systems B A Gurevich, I M Pertsovskii, B K Ponkratov Obshch energ no 4:121-139 '61

Miller, G. R. [Automatic control in industrial electric-power supply systems] Avtomatizatsiia v sistemakh elektrosnabzhenila promyshlennykh predpriiatii. Moskva, Gos. energ izd-vo, 1961. 175 p.

New modification and experience in using a closed electric network. B. L. Aizenberg, S. I. Boichuk. Trudy LIEI no. 33 124-142 '60.

New standard designs of indoor 110 and 35 kv distribution devices IU M Tereshchenko Elek sta 32 no 6 50-55 Je '61

Operational stability of asynchronous motors with significant external resistance and parallel connected static condensers N I Sokolov. Elek sta 32 no 6 13-17 Je '61

Organizational structure and other organizational problems in the new "Regulations for operating electric networks and power plants " I L Shmidt Energetik 9 no 8:27-30 Ag '61

Partial change in the standard instructions on the elimination of faults in the electrical section of a power system Elek sta 32 no 6 95 Je '61

Principal technological and economic rules for voltage schemes in electric networks K. A. Smirnov Elektroenergetika no 4, 3-10 '61.

Problem concerning the calculation of electric power losses in municipal electric networks. V. P. Shreiber. Trudy LIEI no. 33, 119-123 '60.

Problem concerning the choice of rational current density in electric power networks V G. Prishchep Obshch energ no 4:113-117 '61

Problem concerning the determination of future unit indices of networks carrying voltages of 110 kv. and higher I K Kashkovskii Obshch energ no 4 74-83 '61

Problem concerning the determination of the future industrial load component of an electric power system B A. Gurevich, B K Ponkratov, B M Tsvetkov Obshch energ no 4 7-17 '61

Problem concerning the determination of the loads of a municipal electric network. N. I. Medvedskii. Trudy LIEI no. 33:102-107 '60.

Problems concerning the comparison of principal networks for the electric power supply of industry engaged in high-temperature operations A S. Nekrasov, M A Kuliganova Obshch energ no 4:18-28 '61

Propagation of pulse waves in networks with two-circuit lines A S Dadunashvili Elektrichestvo no. 4 5-13 Ap '61.

Study of the electric load of municipal electric networks. B. L. Aizenberg, V. M. Dmitriev, L. D. Klebanov. Trudy LIEI no. 33 20-65 '60.

Through the pages of trade journals Energetik 9 no. 8; 36-37 Ag '61

Total electromagnetic blocking of disconnectors M P. Rozenknop Elek sta. 32 no. 6 55-59 Je '61.

Use of aluminum alloys in designing electric power transmission lines A. Kh Khokhalin. Elek sta 32 no 6 65-68 Je '61

Use of mathematical statistics for studying the electric loads of municipal networks. V. M. Dmitriev. Trudy LIEI no. 33 80-101 '60.

ELECTRIC POWER DISTRIBUTION—ALTERNATING CURRENT

Problems concerning the determination of the production costs and economic efficiency of transmitting electric power by long-distance a. c. power transmission lines. V. Kh. Khokhlov Izv vys. ucheb. zav , energ. 4 no. 8 47-55 Ag '61.

ELECTRIC POWER DISTRIBUTION—DIRECT CURRENT

Operation of converters in d. c. power transmission systems at unbalance of the three-phase voltage system and requirments for the grid control of the inverter D. G. Vlasov. Elektroenergetika no. 4:163-173 '61

ELECTRIC POWER DISTRIBUTION—EQUIPMENT AND SUPPLIES

Standard secondary-commutation circuits for the KSO-2UM chambers. E. P. Mil'kov, B. G. Gol'dgof. Prom. energ. 16 no. 9 40-43 S '61.

ELECTRIC POWER DISTRIBUTION—MODELS

Vazhnov, A. I., IU. A. Rozovskii, and P. Z. Salita. [Electrodynamic model of power systems] Elektrodinamicheskaia model' energosistem. Moskva, Gos. energ. izd-vo, 1961. 112 p.

[MICROFILM]

ELECTRIC POWER DISTRIBUTION—SAFETY MEASURES see subdivision under Armenia

ELECTRIC POWER DISTRIBUTION—STUDY AND TEACHING

Studying the topic "Production, transmission and distribution of electric energy" during the course in electrical engineering G A Rzhevskii. Fiz v shkole 21 no 2, 59-65 Mr-Ap '61

ELECTRIC POWER PLANTS
(see also subdivision under Bulgaria, Chelyabinsk, Great Britain)

Automatic proportioning of reagents at the water treating installations of electric power plants V. M. Kviatkovskii, A. G. Shchukina, G. V. Matskevich. Teploenergetika 8 no 4 15-19 Ap '61.

Features of the water treating systems of electric power plants being constructed in the present seven-year plan F. G. Prokhorov, L. S. Gurevich Teploenergetika 8 no 4:3-6 Ap '61

"Grounding systems" from the new "Regulations for operating electric networks and power plants " R B Dukelman, G A Engel' Energetik 9 no 8, 30-31 Ag '61

In the Technical Council of the All-Union Main Administration of the Electric Power Industry Energetik 9 no 8 37-38 Ag '61.

Interuniversity conference devoted to the 22d Congress of the CPSU A K. Khapneva Izv vys ucheb zav , energ. 4 no. 8 123-125 Ag '61

Mechanization of coal handling at medium-sized industrial electric power plants. N I Spiridonov. Teploenergetika 8 no. 5 59-65 My '61.

New design of a standard thermal electric power plant. V. L. Poshekhonov. Teploenergetika 8 no. 9:14-20 S '61.

New layouts for the production of components of thermal electric power plants F. V. Sapozhnikov Elek. sta 32 no 6 2-7 Je '61

Organizational structure and other organizational problems in the new " Regulations for operating electric networks and power plants " I L Shmidt Energetik 9 no 8 27-30 Ag '61

Plan for a large thermal electric power plant. B. Ruzlukov Arkhit SSSR no. 7 14-45 '61

Some features of the automatic control and protection of block systems at thermal electric power plants. P. F. Boloban, N. I Davydov. Teploenergetika 8 no. 5 25-28 My '61.

Study of the regulation of wind electric power plants with stabilized wind-driven generators V. A. Orlov Elektroenergetika no 4 115-132 '61.

Through the pages of trade journals. Energetik 9 no 8 36-37 Ag '61

Work on electric power plants without attendants at the main control panels A. I. Naumchuk, A P Petrokov Elek sta 32 no 6 82-84 Je '61

Zarubaev, N. V. [From Volkhovstroi to power giants] Ot Volkhovstroia k gigantam energetiki. [Leningrad] Lenizdat, 1960. 145 p.

ELECTRIC POWER PLANTS—COOLING

Malishevskii, N. A. [Using sea water in cooling systems of electric power plants] Ispol'zovanie morskoi vody v sistemakh okhlazhdeniia elektrostantsii. Moskva, Gos. energ. izd-vo, 1961. 198 p.

ELECTRIC POWER PLANTS—COSTS

Crooked methods. P. Derevianko. NTO 3 no. 9:28-30 S '61.

To refute you should have proof. V Mukhachev. NTO 3 no. 9:30-34 S '61

ELECTRIC POWER PLANTS—ELECTRIC EQUIPMENT

Concerning a. c. circuits for industrial signaling B. IA. Bekker, Energetik 9 no. 4:3-6 Ap '61

ELECTRIC POWER PLANTS—EQUIPMENT AND SUPPLIES

Heat resistant steel for reinforcing components in electric power systems with steam temperatures of 565 and 580° M. N. Sokolova Energomashinostroenie 7 no 5 6 My '61

Operation of self-regulating condensate pumps IU. IA Vilenskii. Elek sta. 32 no. 6 79-81 Je '61.

Use of UBK-3 controllers in the replacement of worn-out automatic excitation control devices. Elek. sta 32 no. 6, 96 Je '61.

ELECTRIC POWER PLANTS—FUEL CONSUMPTION

Algorithm, program, and an example for computing on discrete-action calculating machines the fuel economy regime of a power system involving the state selection of generating units G. T. Adonts, IU. G. Grigor'ian, M. M. Adonts. Izv AN Arm SSR. Ser. tekh. nauk 14 no 3 13-26 '61.

Method of calculating start-up rates of fuel consumption involving the state selection of generating units in thermal electric power plants. IU. G. Grigor'ian. Izv. AN Arm. SSR. Ser. tekh. nauk 14 no. 3:71-76 '61

ELECTRIC POWER PLANTS—PERIODICALS

Conference of the readers of "Teploenergetika" held in Leningrad. Teploenergetika 8 no. 5:93-95 My '61.

ELECTRIC POWER PLANTS—SAFETY MEASURES

Russia (1923- U. S. S. R.) Glavnoe energeticheskoe upravlenie. [Safety engineering regulations for operating electrical equipment in electric substations and electric power plants] Pravila tekhniki bezopasnosti pri ekspluatatsii elektrooustanovok stantsii i podstantsii. Izd. 13., dop. Moskva, Gos. energ. izd-vo, 1961. 94 p.

ELECTRIC POWER PLANTS—TECHNOLOGICAL INNOVATIONS

Introducing the mechanization, automation and technological innovations at thermal power stations V K Solovtsov Biul tekh -ekon inform no 8 49-52 '61.

ELECTRIC POWER PRODUCTION

Regional distribution of electric power networks with consideration of the production cost of fuel I I Kontia Obshch energ no 4:118-123 '61

ELECTRIC POWER PRODUCTION—STUDY AND TEACHING

Studying the topic "Production, transmission and distribution of electric energy" during the course in electric engineering G A Rzhevyskii Fiz v shkole 21 no 2 59-65 Mr-Ap '61.

ELECTRIC PROSPECTING

(see also subdivision under Armenia; Azerbaijan)

Method of separating the field formation effect in processing oscillograms under conditions of a sustained geoelectric profile K S Gumarov Izv AN Turk SSR Ser fiz -tekh., khim. i geol. nauk no 1:83-84 '61

New method of searching for fresh-water lenses in the Kara Kum. N. A. Ogil'vi, O M Miaskovskii Izv AN Turk. SSR. Ser. fiz-tekh., khim. i geol nauk no 1:80-83 '61.

ELECTRIC PROTECTION

Averbukh, A. M., and Kh. A. Rybak. [Problems of relay protection and methods for solving them] Zadachi po releinoi zashchite i metody ikh resheniia. Moskva, Gos. energ. izd-vo, 1961. 351 p.

Combination magnetic-valve discharger for 500 kv voltages. V. P Savel'ev and others Elektrichestvo no 1 13-20 Ap '61

Electromagnetic blocking of stationary grounding of the busbar system V S Totskii Energetik 9 no 8.15-16 Ag '61.

Gas-type magnetic valve discharger with a 330 kv. voltage rating A I. Bronfman, IU M Gutman. Vest. elektroprom 32 no 9 73-74 S '61.

KZ-1 and KZ-2 electric protection units Energetik 9 no 8:36-39 Ag '61

Parallel operation of short cable lines without differential protection. I. V. Rumiantsov, V. S. Kniazhevskii. Energetik 9 no 4:24-25 Ap '61

Partial change in the standard instruction on the elimination of faults in the electrical section of a power system. Elek sta. 32 no 6:95 Je '61

Phase-selective impulse relay starter. B. M. Piatigorskii. Elektroenergetika no 4 55-63 '61

Protection of capacitors in longitudinal capacitance compensation systems from overvoltage due to short circuits. F. M. Ikhteiman. Nauch trudy Sev.-zap nauch.-issl. inst. sel'khoz no. 3 pt. 3 29-42 '59.

ELECTRIC PUMPS see Pumping machinery, Electric

ELECTRIC RAILROADS—BRAKES

Rotary compressor for the brake system of electric railroad rolling stock A A. Sharonin Vest TSNII MPS 20 no 5:46-48 '61

ELECTRIC RAILROADS—CURRENT SUPPLY

Determination of the limits of changing voltage levels in an electric power transmission system in the electrification of districts by traction substations. V. P. Vrailov Obshch energ. no 4:147-151 '61.

Interuniversity conference on a. c. electric traction. A. V. Plaks, V. L. Dunenkov. Izv. vys. ucheb. zav.; elektromekh 4 no 8 101-104 '61.

Load conditions of the traction substations of electrified railroads. L. S. Brozhovzovskii Obshch. energ no. 4: 140-146 '61.

Methodical problems on the determination of future demands of electrified transportation on electric power systems B A. Gurevich, L. M. Pertsovskii, B. K. Ponkratov Obshch. energ no 4:124-130 '61.

Radio interference caused by a. c. powered electric railroads. IU. M. Abramson Vest. elektroprom. 32 no. 8: 45-48 Ag '61.

Selection of the best voltage for a. c. traction systems. A. V. Voronin, I. IA. Zhaveronkov. Elektrichestvo no 4 1-5 Ap '61.

ELECTRIC RAILROADS—ROLLING STOCK

"Operation and maintenance of the rolling stock of electric railroads" by O. F Gornov and others. Reviewed by I. A. Parfenov, I. S. Sal'nikov Zhel.-dor. transp. 43 no. 9:94-96 S '61.

ELECTRIC RAILROADS—SUBSTATIONS

Panfil', L. S. [Safety engineering on electric traction substations] Tekhnika bezopasnosti na tiagovykh podstantsiiakh. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchentia, 1961. 141 p.

ELECTRIC RAILWAY MOTORS

Use of "eskapon" insulation in electric traction motors A A Skvortsov, P F Minak Vest elektroprom 32 no 9 42-45 S '61

ELECTRIC RELAYS

Averbukh, A. M., and Kh. A. Rybak. [Problems of relay protection and methods for solving them] Zadachi po releinoi zashchite i metody ikh resheniia. Moskva, Gos. energ. izd-vo, 1961. 351 p.

Concerning a. c. circuits for industrial signaling B. IA. Bekker Energetik 9 no 4:3-5 Ap '61

Electronic automatic relay. IA. Kram Radio no 3:58 Mr '61

Electronic time relays Vest. elektroprom. 32 no. 8: 76-78 Ag '61

New electric relays Energetik 9 no. 4:36-39 Ap '61

New types of electric relays Vest. elektroprom 32 no 9 71-77 S '61

Phase-selective impulse relay starter B. M. Piatigorskii Elektroenergetika no 4:55-63 '61

ELECTRIC RESISTANCE

Dependence of the volume Peltier effect on the resistivity gradients. P. I. Baranskii, P. M Kurilo. Fiz. tver. tela 2 no. 3 458-462 Mr '60.

ELECTRIC RESISTORS

Dynamic volt-ampere characteristics of resistors made from silicon carbide. V. V. Pasynkov, G T Kholuianov, L. K Chirkin Fiz tver. tela 2 no 3 434-437 Mr '60

ELECTRIC RESONATORS

Application of resonance delaying systems for measuring the dielectric permeability of a substance at superhigh frequencies K. P. IAtsuk, G. N. Bychkova Zhur tekh fiz 30 no 2 165-167 F '60

Variation principle for hollow-space systems with anisotropic medium. V. V Nikol'skii. Radiotekh. i elektron. 6 no. 9 1583-1585 S '61.

ELECTRIC SPARK

Generation of dislocations in crystals of bismuth, antimony, and zinc under the action of spark discharges. L. S. Palatnik, A. A. Levchenko, V. M. Kosevich. Kristallografiia 6 no. 4, 591-598 Jl-Ag '61.

ELECTRIC SUBSTATIONS

Concerning A. D. Bulitko and F. F Dorlugin's article "Exposed fuses in the high-voltage section of step-down substations" A P. Korshunov, M. I Kirillov Elek sta no 6 91-95 Je '61.

New standard designs of indoor 110 and 35 kv distribution devices. IU. M Tereshchenko Elek sta. 32 no. 6 50-55 Je '61.

Problem on the determination of the optimum power of a transformer station in municipal electric networks. L. P. Gudelis. Trudy LIEI no. 33:108-118 '60.

Substation with a deep load-in using isolators in lieu of 6 kv cutouts A. M. Miloslavskii, E. S. Romanov Elek. sta 32 no 6:85-86 Je '61.

ELECTRIC SUBSTATIONS—SAFETY MEASURES

Russia (1923- U. S. S. R.) Glavnoe energeticheskoe upravlenie. [Safety engineering regulations for operating electrical equipment in electric substations and electric power plants] Pravila tekhniki bezopasnosti pri ekspluatatsii elektrooustanovok stantsii i podstantsii. Izd. 13., dop. Moskva, Gos. energ. izd-vo, 1961. 94 p.

ELECTRIC SWITCHGEAR

Change in the design of the TPSU-6-120/11 tapping-off switch. P. V. Gerasimov. Energetik 9 no 4:22-23 Ap '61.

Device for automatic cutting-off and switching-on of electric lighting. V. P. Alekseev. Prom. energ. 16 no. 9:6 S '61.

Restoration of potential on the contacts of a switch while disconnecting a short-circuit at some distance from the switch M. M. Akodis, P. A. Korzun Izv vys. ucheb zav., energ. 4 no 8:1-8 Ag '61.

Total electromagnetic blocking of disconnectors. M. P. Rozenknop Elek sta. 32 no. 6:55-59 Je '61.

ELECTRIC TRANSFORMERS

(see also subdivision under Zaporozh'ye)

Calculation of steady-state conditions in a linear electrical system with variable parameters. V. S. Davydov Elektrichestvo no. 4:51-58 Ap '61.

Moisture control of the insulation of electric transformers. I. K. Fedchenko, M. E. Ierusalimov. Izv. vys. ucheb. zav., energ. 4 no. 8:14-21 Ag '61.

Properties of cold-rolled steel in reels for use in electric transformers. R. I. IAnus and others. Vest elektroprom 32 no. 9. 62-63 S '61.

Single-phase and three-phase voltage stabilizers with magnetized autotransformers A M Bamdas, S. V. Shapiro. Vest. elektroprom 32 no 9 45-49 S '61

ELECTRIC TRANSFORMERS—THERMAL PROPERTIES

Temperature variations of the characteristics of input transformers of low-resistance thermal receivers. M. P. IEsel'son, L. S. Kremenchuhs'kyi, A. F. Mal'nev. Ukr. fiz. zhur. 6 no. 3:420-422 My-Je '61.

ELECTRIC WAVES

Propagation of a quasi-circular electric wave in an H-shaped wave guide V. M Sedykh, A I Zorkin Zhur tekh fiz 30 no 2 159-161 F '60

ELECTRIC WAVES—DIFFRACTION

Resonance diffraction of waves in lamellar inhomogeneous media [with summary in English] I V Iognasen Zhur eksp i teor fiz 40 no 6, 1838-1843 '61

ELECTRIC WELDING

(see also subdivision under Karaganda, Ukraine)

Automatic control system of the depth of weld penetration in arc welding A I Akulov, V K. Isachenko Svar proizv no 8 29-35 Ag '61

Detection of the formation of chemical compounds in binary alloys by the contact welding method L. N Blastov Fiz. tver. tela 2 no 2 277-279 F '60

Effect of the composition of argon and the 18-8 type wire on weld metal properties A I Akulov, V V Spitsyn [Trudy] MVTU no 101 136-140 '61

Effect of the conditions of electron-beam welding on weld joint parameters S M Gurevich, G K Kharchenko Avtom svar 14 no 8 38-40 S '61

Electrodes of the type UONI-13/55 for welding in joint gaps and over scale A A Il'chakov, B Kh Biltsev Svar proizv no 8 31-32 Ag '61

Giving up the system of heat treatment for joints welded by the electric slag method B A Kokh Svar proizv no 8 34-39 Ag '61

Manufacture of bimetal blooms for rolled shapes by built-up electric slag welding with large cross-section electrodes V G Ksendzyk, V P Subbotovskii, V S Shirin Avtom svar 14 no 9 79-81 S '61

Method of reducing welding deformations A I Akulov, V V. Spitsyn [Trudy] MVTU no 101 175-185 '61

New method of electric slag welding with consummable electrodes D A Dudko and others Avtom svar 14 no 9 60-64 S '61

Notch sensitivity of low-alloy and carbon steels during arc welding M Kh Shorshorov, V. D Kodolov Svar proizv no 8 1-4 Ag '61

Promising methods of metal treatment. N. N. Rabov. Biul. tekh.-ekon. inform no 7 90-94 '61

Resistance butt welding of rope wires I G Gorin Svar. proizv no 8 25-28 Ag '61

Vacuum welding of metals with an electron beam N. A Ol'shanskii, IU N. Zorin [Trudy] MVTU no. 101 5-26 '61

ELECTRIC WELDING—EQUIPMENT AND SUPPLIES

The A-612 machine for molten-slag arcless electric welding. M. G. Bel'for Biul tekh -ekon inform no 7 32-34 '61

ASG-NITI automatic welding machines G. F Andreeva and others Avtom. svar. 14 no 9 51-59 S '61.

Control of the slag bath depth in electric slag welding IU N Gatal'skii Avtom svar 14 no 9 65-67 S '61

Developing procedure and equipment for condenser discharge seam welding of bellows-type thermostats and heat exchangers N. L Kaganov [Trudy] MVTU no 101 197-216 '61

Experimental investigation of electron welding guns with spherical-type long-focus projector O K. Nazarenko, A. G. Povod Avtom svar 14 no 9 33-37 S '61

Machine for the welding of flanges to pipes. M A. Tamarutskii, B Kh. Zholobov, V. A. Bovtsev. Svar. proizv. no. 9 20-22 S '61.

"Mechanization of resistance welding" by S. E. Semiachkin. Reviewed by M M. Popekhin. Svar. proizv. no. 9 44-45 S '61

Noise-proof attachments on oscillographs for the control of resistance welding conditions M P Zaitsev, I A Rozov. Svar. proizv no 8 20-22 Ag '61

Rudakov, A. S. [Operation of electric welding equipment] Ekspluatatsiia elektrosvarochnogo oboruduvania: spravochnoe posobie. [Cheliabinsk] Cheliabinskoe knizhnoe izd-vo, 1961. 194 p.

Semiautomatic welding under flux of shells with a wall thickness of 2 to 3 mm. V. I. Leppel'. Svat. proizv no. 9 25-26 S '61.

Submerged arc welding of rings with an electrode comb. V. N. Kal'tanov Svar proizv no. 8 32-33 Ag '61.

The USA-2 welding machine with changeable tools V. D. Voznesenskii, M. N. Grigor'eva. Biul. tekh. -ekon. inform. no. 8 24-26 '61.

Welding apparatus for the automatic electric arc welding of curvilinear butt joints N. S. L'vov, A P. Igoshin. [Trudy] MVTU no 101, 241-252 '61.

Welding tractor connection. A. F. Galochkin Svar proizv no. 8 33 Ag '61.

ELECTRIC WIRE

Aluminum winding wires with enamel and fiber insulation. V. A. Privezentsev Elektrichestvo no. 4 69-73 Ap '61

New outlet wires for electric motors. IU. Kabalaiev. Prom. Arm. 4 no. 6:35-37 Je '61.

Replacement of the copper wire of the coils of solenoid hammers by aluminum wire. N. P. Riashentsev. Vest elektroprom. 32 no. 8:24-28 Ag '61

ELECTRIC WIRING—MAINTENANCE AND REPAIR

Replacement of shaft conductors M. Maimula, G Kurennoi Sov. shakht. 10 no 7:17 Jl '61.

ELECTRIC WIRING, INTERIOR

Concerning the location of electric fuses in dwellings P. V. Filimonov. Energetik 9 no 4,32-33 Ap '61

ELECTRICITY

Interesting facts about electricity. IU Sokolova'kyi. Znan ta pratsia no. 9,25 S '61.

Interesting facts about electricity. Znan. ta pratsia no. 10;32 O '61.

Interesting facts on electricity. IU. Sokolova'kyi. Znan. ta pratsia no 7,30-31 Jl '61

[Practical work in physics] Fizicheskii praktikum. Sost. kollektivom kafedr eksperimental'noi i obshchei fiziki Tomskogo gosudarstvennogo universiteta im. V. V. Kuibysheva, pod red. M. A. Bol'shaninoi. Tomsk, Izd-vo Tomskogo univ.

Pts. 2-3. [Electricity and magnetism. Optics] Elektrichestvo i magnetizm. Optika. *1960 189 p.*

ELECTRICITY—EFFECT ON PLANTS see Plants, Effect of electricity on

ELECTRICITY—STUDY AND TEACHING

Concepts of potential difference, electromotive force and voltage in theoretical electric engineering B. A Sadikov. Fiz. v shkole 21 no. 3;91-99 My-Je '61.

ELECTRICITY, INJURIES FROM

New methods for the resuscitation of people injured from electric current. G. V. Serbinovskii. Prom. energ. 16 no. 9 47-49 S '61.

Regeneration of the skeletal muscle in white mice after electric injury V S Nivitin. Biul eksp. biol. i med 51 no. 5 107-112 My '61

ELECTRICITY IN FISHING

Gulls as indicators in fishing Znan sila 36 no 8;20 Ag '61.

ELECTRIFICATION

(see also subdivision under Kazakhstan; Moldavia, Siberia; Ukraine, United States)

Block installation of electrical equipment and industrial combinations L. M. Kanevskii Vest elektroprom 32 no 9,17-20 S '61

Builder's Day. Gidr. stroi, 31 no. 8-4 Ag '61.

In regard to I. A Syromiatnikov's article "Principal trends in achieving overall electrification." P. IA Thurin, L M. Vainshtein. Elektrichestvo no. 4,85-88 Ap '61.

A program of great works. A. Goncharov. Komm. Vooruzh. Sil 1 no 5 9-15 D '60.

Rural electrification is an important assignment for power engineering workers and workers in the field of electric machinery engineering. M. IA. Aleksandrov. Energetik 9 no. 4-1-3 Ap '61.

ELECTRIFICATION—CONGRESSES

Scientific technological conference dedicated to the 40th anniversary of Lenin's plan for the State Commission for the Electrification of Russia. P. D. Lebedev. Teploenergetika 8 no. 4;91-93 Ap '61.

ELECTRIFICATION, RURAL see Rural electrification

ELECTRIFICATION OF RAILROADS see Railroads—Electrification

ELECTROACOUSTICS

Interaction of beams of charged particles with low-frequency plasma oscillations [with summary in English]. A. I. Akhiezer, A B. Kitsenko, K N Stepanov. Zhur. eksp. i teor. fiz. 40 no. 6;1866-1870 Je '61

ELECTROCAPILLARY PHENOMENA

Charge and capacity of a double layer in the system cast iron - slag B. V. Patrov. Izv. vys. ucheb. zav., chern. met 4 no 7,33-35 '61.

ELECTROCARDIOGRAPHY

Variations of the heart rhythm in lambs during the white muscle disease. G. A. Palevich Trudy Kirov. otd Vses. fiziol. ob-va 1 no. 1: 100-105 '60.

ELECTROCHEMISTRY

Effect of the composition of a ferromanganese anode on the production of potassium permanganate. R. I. Agladze, IA N. Mudzhiri, L. I. Topchiashvili. Zhur. prikl. khim. 34 no. 8;1786-1793 Ag '61.

Electrochemical method of production of high purity cadmium. D. P. Zosimovich, K. B. Kladnitskaia, A. N. Grisevich. Zhur. prikl. khim. 34 no. 8;1764-1769 Ag '61.

Oxidation of bromine ions in concentrated oil well water by the electrochemical method. S. P. Tevosov, O. V. Andreiko. Azerb. khim. zhur. no. 2;141-148 '60

Potentiostat for electrochemical investigations [with summary in English]. V. S. Borovkov, S. B. Averbukh. Zhur. fiz. khim. 35 no. 8;1867-1869 Ag '61.

Theory of the anodic dissolution of silicon. V. A. Miamlin Dokl. AN SSSR 139 no. 5;1153-1156 Ag '61.

ELECTRODES

Davydenko, L. D. [Manual on welding electrodes] Spravochnik po svarochnym elektrodam. [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1961. 227 p.

Electrodes of the type UONI-13/55 for welding in joint gaps and over scale A. A. Fil'chakov, B Kh. Biitsev Svar proizv no 8 31-32 Ag '61.

Machine for the removal of coverings from discarded electrodes G N. Strekalov Svar proizv no 8 33-34 Ag '61.

Makes and sizes of welding strip to be used for built-up welding under flux IU. A IUzvenko Avtom svar 14 no. 9 92-93 S '61

Metallurgical oxidation processes of ferromanganese in electrode coverings during their heating A N. Bykov, A. A Erokhin Avtom svar 14 no 9 10-19 S '61

Operation of molybdenum and graphite electrodes in an electric glass furnace. A. Melik-Akhnazarian, S. Rustambekian, K Tatevosian. Prom. Arm 4 no 6: 57-60 Je '61.

Suitability of the Pailerakh Quarry marble for electrode coatings. I A. Dovgopoliuk, N IA. Sereda. Svar proizv no 8 28-29 Ag '61

Welding electrodes with a plastic coating. A. G. Mazel', E M Rogova, L. I. Sorokin Biul tekh -ekon inform no 8 26-27 '61

ELECTRODES, CARBON

Effect of electrolysis conditions on the stability of graphite anodes in a chlorine bath L. I. Krishtalik. Zhur. prikl khim. 34 no 8 1807-1814 Ag '61

ELECTRODIALYSIS

Electrodialysis of suspensions. Part 1: Electrodialysis of bentonite [with summary in English] IU. M. Chernoberezhskii, I. M. Bolkova. Vest LGU 16 no. 16;108-113 '61

ELECTRODYNAMICS

Investigation of the electrodynamic acceleration of plasma clots. Part 3. (Coaxial system) S IU. Luk'ianov, I. M Podgornyi, S. A. Chuvatin. Zhur. tekh. fiz. 31 no 9 1026-1032 S '61.

ELECTROFORMING

Electrolytic preparation of coatings of superconductive indium-thallium alloys. S. I. Skliarenko, I. I. Lavrov. Izv. vys. ucheb. zav.; tsvet. met. 4 no. 4;139-144 '61.

New method of manufacturing certain types of bimetal tools A. IA Shvartser. Avtom svar 14 no 9 82-84 S '61

ELECTROKYMOGRAPHY

Clinical significance of electrokymography in the diagnosis of tricuspid stenosis. IU. I Akimov, L. L. Orlov. Klin. med. no. 7 110-116 '61.

Role of electrokymography in the diagnosis of hemodynamic changes in the lesser blood circulation in some congenital heart defects. K. A. Koshar'ko. Klin. med. no. 7;117-124 '61.

ELECTROLYSIS

Editor's mail. Fiz. v shkole 21 no. 3;100-102 My-Je '61.

Effect of electrolysis conditions on the stability of graphite anodes in a chlorine bath. L. I. Krishtalik Zhur. prikl. khim. 34 no. 8,1807-1814 Ag '61.

Secondary distribution of current in a slit cell [with summary in English]. N. P. Gnusin. Zhur. fiz. khim. 35 no. 8;1738-1744 Ag '61.

Study of buffer properties, electric conductivity, and cathodic process in chromium hydrochloric electrolytes. S. E. Orlova and others. Zhur. prikl. khim. 34 no. 8;1759-1764 Ag '61.

ELECTROLYTE SOLUTIONS

Measurement of the transfer numbers of H^+ ions in hydrochloric acid solutions by a concurrent observation of the motion of ions and of the solution [with summary in English]. E. A. Kaimakov, V. B. Fiks. Zhur. fiz khim. 35 no. 8;1777-1783 Ag '61.

ELECTROLYTES

Bellaev, A. I. [Electrolyte of aluminum baths] Elektrolit alliuminievykh vann. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. *198 p.*

Certain problems in the theory of ion exchange. Part 2: Nonexchange absorption of electrolytes by ion exchangers [with summary in English] B. P. Nikol'skii, N F Bogatova. Vest. LGU 16 no. 16;97-107 '61.

Coagulation of lyophobic sols under the effect of electrolyte mixtures. Part 3: Effect of counter-ion adsorption [with summary in English]. V. M. Barbol, IU. M Glazman, I. M. Dykman. Koll. zhur. 23 no. 4;376-380 Jl-Ag '61.

Studying the equilibria in nonaqueous solutions of electrolytes using absorption spectra. Part 2. Picric acid and sodium picrate in acetic acid, pyridine, acetonitrile and acetone. N. A. Izmailov, E. L. Gurevich. Opt. i spektr. 10 no. 6;767-772 Je '61.

ELECTROLYTES—CONDUCTIVITY

Apparatus for demonstrating the electrical conductivity of electrolyte solutions. P. IA Mishin, L K Dubskii. Khim. v shkole 16 no. 4;81-82 Jl-Ag '61.

ELECTROLYTIC REDUCTION see Reduction, Electrolytic

ELECTROMAGNETIC THEORY

Electromagnetic corrections to weak interactions [with summary in English] I F Ginzburg, V. V Serebriakov. Zhur. eksp i teor. fiz. 40 no 6 1738-1745 Je '61

ELECTROMAGNETIC WAVES

Diffraction of a plane electromagnetic wave on a plane ring of ideal conductivity and the electrostatic problem for such a ring G. A Grinberg, V. N. Kuritsyn Zhur tekh fiz 31 no 9 1017-1025 S '61

Effect of a constant magnetic field on the stability of a homogeneous plasma in the field of a traveling electromagnetic wave T F Volkov Zhur tekh fiz. 31 no 9 1149-1151 S '61.

Effect of anisotropy on threshold phenomena in superconductors [with summary in English] V I Pokrovskii, M S Ryvkin Zhur. eksp. i teor fiz 40 no. 6;1859-1865 Je '61.

Electromagnetic waves in a medium having a continuous energy spectrum [with summary in English]. Part 2 V. S Mashkevich Zhur eksp i teor. fiz 40 no 6;1803-1811 Je '61

H_{0m}-type waves in a wave guide with diaphragms. K. M Arkhipova, V. A. Sudakov. Probl. pered inform. no 10 108-118 '61.

Reflection of electromagnetic waves by plasma. V. I. Kuryiko, V. I. Miroshnychenko Ukr. fiz. zhur. 6 no 3 415-416 My-Je '61.

Reflection of electromagnetic waves from a plasma moving in a slow-motion wave-guide V. I. Kurilko Zhur. tekh. fiz. 31 no 8;899-906 Ag '61

ELECTROMAGNETISM

Choice of safety factors and calculation of electromagnetic mechanisms having a given reliability. IA A. Rips Elektrichestvo no 4-76-81 Ap '61

Classification of two-component fermions and the analogy between weak and electromagnetic interactions. E M Lipmanov Izv. vys. ucheb zav., fiz. no. 3;140-145 '61.

ELECTROMAGNETISM—PHYSIOLOGICAL EFFECT

Effect of ultrahigh impulse electromagnetic fields on the onset and course of pregnancy in white mice [with summary in English]. V A Povzhitkov, N. V. Tiegin, A M Grebeshchnikova Biul. eksp. biol. i med. 51 no 5 103-107 My '61.

ELECTROMOTIVE FORCE

Electrode properties of ion exchange membranes E. A. Materova, F. A Belinskaia Usp. khim 30 no 7; 914-931 Jl '61.

Kinetics of the e. m. f. of high-voltage polarization in dielectrics. M. L. Chetkarov. Fiz tver. tela 3 no 8 2193-2196 Ag '61.

Methods for measuring an emf of high-voltage polarization. O. I. Prokopalo Fiz. tver. tela 2 no. 2 302-305 F '60.

Nature of the volume-gradient emf engendered in germanium by current passing through it. P. I. Baranskii Fiz. tver. tela 2 no. 3 463-464 Mr '60.

Possible use of the oscillographic polarograph for determining zero charge potentials [with summary in English]. B. B. Damaskin, O. A. Petrii. Zhur. fiz. khim. 35 no. 8;1862-1864 Ag '61.

ELECTRON BEAMS

Conical-shaped hollow electron beam in a "conical" magnetic field. T. F. Loginova. Radiotekh. i elektron 6 no. 9-1540-1544 S '61.

Depth of coloring of alkali halide crystals when bombarded by 5 to 15 kv. electrons at different angles. A. R. St'ul'man, E. P. Gel'. Fiz. tver. tela 2 no. 3 524-529 Mr '60

Effect of the conditions of electron-beam welding on weld joint parameters. S. M. Gurevich, G. K Kharchenko. Avtom. svar. 14 no 9 38-40 S '61.

Experimental investigation of electron welding guns with spherical-type long-focus projector. O. K. Nazarenko, A. G. Povod. Avtom. svar. 14 no 9 33-37 S '61.

Focusing of a relativistic electron beam moving in rapidly shifting magnetic field. TS. I. Guisunaev Zhur. tekh. fiz. 31 no. 4, 389-393 Ap '61.

Focusing of extended intensive electron beams by periodic additional magnetic and electric fields. P. L. Sterlnikov, A. I. Fedorenko, B. M. Chernyi. Zhur. tekh. fiz. 31 no. 4;394-399 Ap '61.

Interaction of a beam of charged particles and a plasma R. A. Demirkhanov, A. K. Gevorkov, A. F. Popov Zhur. tekh. fiz. 30 no. 3;315-319 Mr '60.

Interaction of beams of charged particles with low-frequency plasma oscillations [with summary in English]. A. I. Akhiezer, A. B. Kitsenko, K N. Stepanov. Zhur. eksp. i teor. fiz. 40 no. 6;1866-1870 Je '61.

Investigating variations in the axial and radial dimensions of an electron cluster in synchrotron acceleration [with summary in English]. V. P. Bykov. Zhur. eksp. i teor. fiz. 40 no. 6;1668-1668 Je '61

Investigation of electron packets in a microtron [with summary in English]. F. A. Korolev, A. G. Ershov, O F. Kulikov. Zhur. eksp. i teor. fiz. 40 no. 6;1644-1652 Je '61.

ELECTRON BEAMS (Continued)

Investigation of the focusing properties of a paraboloidal magnetic lens. P. I. Strel'nikov, A. I. Fedorenko. Zhur. tekh. fiz. 30 no. 2:138-141 F '60.

Potential distribution in a tubular electron beam of finite length. N. S. Zinchenko, V. M. Sorokina. Zhur. tekh. fiz. 31 no. 9:1073-1076 S '61.

Vacuum welding of metals with an electron beam. N. A. Ol'shanskii, Iu. N. Zorin. [Trudy] MVTU no. 101:5-28 '61.

Vertical focusing of an electron beam by means of cylindrical magnetic lenses in an axisymmetrical magnetic field of radially increasing intensity. V. M. Kel'man and others. Zhur. tekh. fiz. 30 no. 2:153-156 F '60.

ELECTRON DIFFRACTION EXAMINATION

Electron diffraction study of $PbBi_4Te_7$. A. G. Talybov, B. K. Vainshtein. Kristallografiia 6 no. 4:541-548 Jl-Ag '61.

Electron diffraction study of poly-γ-methyl L-glutamate. B. K. Vainshtein, L. I. Tatarinova. Dokl. AN SSSR 139 no. 6:1347-1350 Ag '61.

Electron diffraction study of the structure of thin films of cuprous iodide. R. N. Kurdiumova, R. V. Baranova. Kristallografiia 6 no. 3:402-405 My-Je '61.

Electron diffraction study of urea. A. N. Lobachev, B. K. Vainshtein. Kristallografiia 6 no. 3:395-401 My-Je '61.

Superstructure in ammonium fluoberyllate, $(NH_4)_2BeF_4$. V. V. Udalova. Kristallografiia 6 no. 4:629-630 Jl-Ag '61.

Using X-ray diffraction and electron diffraction examination in investigating wear-resistant coatings. Iu. M. Vinogradov, V. D. Zelenova, K. V. Shishokina. Trudy NIIKHIMMASH no. 27:168-175 '59.

ELECTRON MICROSCOPE

Electron scattering in an electron microscope. A. N. Pilankevich. Zhur. tekh. fiz. 30 no. 2:232-238 F '60.

Electron scattering on light atoms. A. N. Pilankevich. Zhur. tekh. fiz. 30 no. 2:226-231 F '60.

"UEMV-100" universal electron microscope. Znan. sila 36 no. 8:7 Ag '61.

ELECTRON MICROSCOPY

Comparative electron microscope study of the structure of spermatocyte nucleoli in argasid ticks. Iu. L. Gorostchenko, V. F. Mashanskii. TSitologiia 3 no. 1:389-395 Jl-Ag '61.

"Normal and pathological submicroscopic structures of cells and tissues, their physiological and pathogenetic significance" by A. Policard, C. Baud. Reviewed by A. M. Karpas, V. F. Mashanskii. TSitologiia 3 no. 4:485-489 Jl-Ag '61.

Structure of oriented polymeric materials. V. A. Berestnev and others. Dokl. AN SSSR 139 no. 5:1093-1094 Ag '61.

ELECTRON OPTICS

Investigation of nongaussian trajectories in the field of an electrostatic quadrupole lense. A. M. Strashkevich. Radiotekh. i elektron. 6 no. 9:1562-1565 S '61.

On the way to optical radio. N. G. Basov. Nauka i zhizn' 28 no. 7:34-35 Jl '61.

ELECTRON PAIRS

Polarization phenomena arising in pair formation, taking the final dimensions of the nucleus into account. B. K. Kerimov, F. S. Sadykhov. Izv. vys. ucheb. zav.; fiz. no. 3:14-19 '61.

ELECTRON-TUBE VOLTMETER

Electron-tube voltmeter. K. Anisimov. Radio no. 3:53-54 Mr '61.

ELECTRON TUBES

Characteristics of electron tubes for capacitor microphones. N. P. Tager. Trudy NIKFI no. 34:110-117 '60.

Parallel and series connection of two electron tubes with a single load and varying plate voltage supply. E. M. Reshetnikov. Trudy MAI no. 134:170-186 '61.

Replacement of the 6P13S electron tube with a G-807 electron tube. L. Vinogradov. Radio no. 3:52 Mr '61.

Restoration of 6P13S electron tubes. V. Mikhailov. Radio no. 3:52 Mr '61.

Tubes with a secondary electronic emission. R. I. Matveev. Vest. protivovozd. obor. no. 7:68-70 Jl '61.

[Use of cold-cathode tubes in nuclear physics, electronics, and automatic control] Primenenie lamp s kholodnym katodom v iadernoi fizike, elektronike i avtomatike. Moskva, 1960 [16] p. [MICROFILM]

ELECTRON TUBES—TESTING

Attachment for the AVO-5 apparatus. Iu. P. Mikheev. Vest. protivovozd. obor. no. 9:57-58 S '61.

Device for testing the electron tubes of the PVZK high-frequency transmitter-receiver set. V. P. Shapkin. Energetik 9 no. 8:18-19 Ag '61.

ELECTRONIC AMPLIFIERS see Amplifiers (Electronics)

ELECTRONIC ANALOG COMPUTERS

Extended application of symbols in computer programming. L. T. Petrova. Zhur. vych. mat. i mat. fiz. 1 no. 3:513-522 My-Je '61.

Logical control mechanisms for automatic machines. B. N. IUrukhin. Trudy Inst. mash. Sem. po teor. mash. 22 no. 87:39-61 '61.

Multiplying apparatus. A. I. Artamonov. Vest. protivovozd. obor. no. 9:25-28 S '61.

Use of analog computers in checking the stability of the parallel operation of superchargers. IAn. Gulovets, P. Shtirskii. Energomashinostroenie 7 no. 5:17-20 My '61.

Using electronic analog computers in solving problems of nonlinear programming. G. V. Savinov. Vop. mekh. no. 103:68-71 '61.

ELECTRONIC APPARATUS AND APPLIANCES

Device for the recording and reproduction of continuously varying voltages. N. S. Anishin. Izv. vys. ucheb. zav., radiofiz. 4 no. 1:184-186 '61.

Machine develops technology. E. Muslin. Nauka i zhizn' 28 no. 7:92 Jl '61.

ELECTRONIC BRAINS see Electronic calculating machines

ELECTRONIC CALCULATING MACHINES

Broaching of the crossbar matrix of a magnetic core memory system operating on the principle of multiple coincidence of currents [with summary in English]. IU. L. Ketkov. Izv. vys. ucheb. zav.; radiofiz. 4 no. 1:173-176 '61.

Dependence of counting time on the duration and frequency of accidental malfunctions of the machines. V. I. Sobel'man. Zhur. vych. mat. i mat. fiz. 1 no. 1:163-168 Ja-F '61.

Electronic calculating equipment and possibilities for its use. S. Abramov. Tyl i snab. Sov. Voor. Sil 21 no. 7:86-92 Jl '61.

International Federation of Automatic Control, 1st International Congress, Moscow, 1960. [Proceedings] Trudy. Moskva, Izd-vo Akad. nauk SSSR.
[Vol. 3] [Statistical investigation methods. Theory of structures, simulation, terminology, and education] Statisticheskie metody issledovaniia. Teoriia struktur, modelirovanie, terminologiia, obrazovanie, 1961. 744 p.

"MN-14." Moskva 6 no. 8:176 '61.

"Numerical methods for high speed computers" [translated from the English]. Reviewed by M. K. Kerimov. Zhur. vych. mat. i mat. fiz. 1 no. 1:183-184 Ja-F '61.

Problem concerning the design of ultrastable and multistable systems. V. K. Chichinadze. Trudy Inst. elek., avtom. i telem. AN Gruz. SSR 2:17-32 '61.

Using mathematical methods and electronic calculating machines in planning. S. Malinin, M. Polonskii, V. Aizenshtat. Vop. ekon. no. 9:68-73 S '61.

What mathematics contributes to the national economy. I. Litvinenko. Nauka i zhizn' 28 no. 7:42-46 Jl '61.

ELECTRONIC CALCULATING MACHINES—BIBLIOGRAPHY see Bibliography—Electronic calculating machines

ELECTRONIC CIRCUITS

Designing of control circuits with contactless elements. IU. N. Ivenskii. Vest. elektroprom. 32 no. 8:41-44 Ag '61.

Geometric interpretation of self-excitation conditions in linear parametric systems. V. S. Davydov. Izv. vys. ucheb. zav., radiotekh. 3 no. 6:613-622 N-D '60.

Parallel and series connection of two electron tubes with a single load and varying plate voltage supply. E. M. Reshetnikov. Trudy MAI no. 134:170-186 '61.

ELECTRONIC CONTROL

Andreev, S. V., B. K. Martens, and A. N. Trushinskii. [Multipositional electromechanical programmed controller; temperature, humidity, and lighting] Mnogopozitsionnyi elektromekhanicheskii programmnyi regulator, temperatury, vlazhnosti i osveshchennosti. Leningrad, 1961. 16 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Pribory i elementy avtomatiki)

Effectiveness of search algorithms based on a method of test steps with controlled duration. IU. B. Kobzarev, A. E. Basharinov. Radiotekh. i elektron. 6 no. 9:1411-1419 S '61.

Photoelectric unit for automatic control of cigarette packaging and packing machines. S. Mkrtchian. Prom. Arm. 4 no. 5:34-35 My '61.

ELECTRONIC DIGITAL COMPUTERS

Approximation method for determining the dynamic characteristics of controlled members. V. V. Ivanov, E. A. Karagodova, E. K. IAdrenko. Zhur. vych. mat. i mat. fiz. 1 no. 3:523-541 My-Je '61.

Command system and interpreting system in the machine "Setun'." E. A. Zhogolev. Zhur. vych. mat. i mat. fiz. 1 no. 3:499-512 My-Je '61.

Kurochkin, V. M. [Compiling and interpreting sections of a system for using standard programs in the BESM-2 computer of the Computer Center of the Academy of Sciences of the U. S. S. R.] Kompiliruiushchaia i interpretiruiushchaia sistemy ispol'zovaniia standartnykh programm dlia mashin BESM-2 VTs AN SSSR. Moskva, Vychislitel'nyi tsentr AN SSSR, 1961. 54 p.

Magarik, V. A., and N. M. Nagornyi. [Programming system of the universal BESM-2 digital computer of the Computer Center of the Academy of Sciences of the U. S. S. R.] Sistema komand universal'noi tsifrovoi avtomaticheskoi mashiny BESM-2 Vychislitel'nogo tsentra AN SSSR. Izd. 2., perer. Moskva, Vychislitel'nyi tsentr AN SSSR, 1961. 88 p.

Magarik, V. A. [Standard programs for the BESM-2 digital computer of the Computer Center of the Academy of Sciences of the U. S. S. R.] Standartnye programmy BESM-2 Vychislitel'nogo tsentra AN SSSR. Moskva, Vychislitel'nyi tsentr AN SSSR.
No. 2. 1960. 33 p.

Some problems of the synthesis of digital computers. V. M. Glushkov. Zhur. vych. mat. i mat. fiz. 1 no. 3:371-411 My-Je '61.

Synthesis of an abstract automaton according to the attribute represented by it on an electronic digital computer (ETsM). A. A. Stognii. Zhur. vych. mat. i mat. fiz. 1 no. 3:545-548 My-Je '61.

Use of digital computers for calculating transient processes in synchronous machines by using differential equations with periodic coefficients. B. M. Kagan, E. L. Urman. Elektrichestvo no. 4:43-48 Ap '61.

Use of electronic digital computers for the calculation of heat transfer by radiation. S. P. Detkov. Teploenergetika 8 no. 9:33-36 S '61.

Vishnevetskii, A. I., and I. S. Sergienko. [Parametron; new switching elements] Parametron, novye perekliuchaiushchie elementy. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 66 p.

ELECTRONIC DIGITAL COMPUTERS—TESTING

Zak, L. A., and V. V. Chibisov. [Test programs for the BESM-2 computer] Testovye programmy dlia mashiny BESM-2. Moskva, Vychislitel'nyi tsentr AN SSSR, 1961. 24 p.

ELECTRONIC EQUIPMENT, MINIATURE see Miniature electronic equipment

ELECTRONIC INSTRUMENTS

Precision of readjusting systems. S. S. Volosov. Vzaim. i tekh. izm. v mashinostr., mezhvuz. sbor. no. 3:294-302 '61.

Pulse pickups for measuring the length of rolled shapes. V. M. Kotsar', N. N. Stepura. Sbor. rats. predl. vnedr. v proizv. no. 5:25-26 '60.

The UAPG-1 unit. L. Gevorkian. Prom. Arm. 4 no. 8:54-57 Ag '61.

ELECTRONIC MEASUREMENTS

Bartnovskii, A. L., V. O. Kozin, and S. A. Kucherenko. [Specialized measurements in communication systems, automatic control, and remote control] Spetsial'nye izmereniia v ustroistvakh sviazi, avtomatiki i telemekhaniki. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 251 p.

Berkaid, I. M., and others. [Automatic controllers] Kontrol'nye avtomaty. Moskva, Nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 193 p. (Progressivnye sredstva kontrolia razmerov v mashinostroenii)

Locating of single-phase damages in cables. M. V. Lokshin, A. V. Chvanov. Elek. sta. 32 no. 6:68-71 Je '61.

Phase measurement errors in using a double wave guide triplet. G. V. Grisha. Izv. vys. ucheb. zav., radiotekh. 3 no. 6:663-664 N-D '60.

Photoelectron micrometer for measuring the diameter of moving wires or strings. I. G. Grinman and others. Trudy Inst. fiz. AN Kazakh. SSR 4:138-146 '61.

Use of ferrite valves in a microwave phase meter. V. IU. Bychkov. Izv. vys. ucheb. zav.; radiotekh. 3 no. 6:665-667 N-D '60.

ELECTRONIC PULSE TECHNIQUES see Pulse techniques (Electronics)

ELECTRONICS
(see also subdivision under Poland)

A few words about new developments. Radio no. 3:8-9 Mr '61.

Through the pages of foreign magazines. Radio no. 3:59-60 Mr '61.

ELECTRONICS—BIBLIOGRAPHY see Bibliography—Electronics

ELECTRONICS—CONGRESSES

Fourth All-Union Conference on Radioelectronics sponsored by the Ministry of Higher and Secondary Special Education of the U. S. S. R. Izv. vys. ucheb. zav., radiofiz. 4 no. 1:187-196 '61.

ELECTRONICS IN AERONAUTICS

IUrkevich, A. P., and N. IA. Voychenko. [Calculation of electric measuring devices and power compensated systems] Raschet elektricheskikh izmeritel'nykh ustroistv i sistem s silovoi kompensatsiei. Pod red. B. A. Rabova. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1961. 126 p.

ELECTRONS

Branching of Green's functions of electrons and photons [with summary in English]. V. G. Vaks. Zhur. eksp. i teor. fiz. 40 no. 6:1725-1727 Je '61.

Comments on the theory of electronic plasma in a magnetic field. V. L. Bronch-Bruevich, A. G. Mironov. Fiz. tver. tela 2 no. 3:489-498 Mr '60.

ELECTRONS (Continued)

Derivation of formulae for the structural factor from formulae for the generalized projections of electron density. I. M. Rumanova. Kristallografiia 6 no. 3 465-466 My-Je '61

Effect of spatial charge on electron bunching in a traveling-wave linear accelerator. G. I. Zhileiko. Zhur. tekh. fiz. 31 no. 4 506-507 Ap '61

Effect of spatial charge on the bunching within a freely moving cluster of electrons. G. I. Zhileiko. Zhur. tekh. fiz. 31 no. 4 508-510 Ap '61

Effect of the degree of complanarity of a molecule on the signs of conjugation of π-electrons [with summary in English]. T. K. Rebane. Zhur. fiz. khim. 35 no. 8 1681-1690 Ag '61.

Effective masses of an electron moving in a periodic field [with summary in English]. V. P. Smirnov. Vest. LGU 16 no. 16:34-39 '61

Electron distribution by states in metals of the iron transition group. N. D. Borisov, V. V. Nemoshkalenko. Izv. AN SSSR, Ser. fiz. 25 no. 8 1002-1006 Ag '61

Electron-neutrino angular correlation in free neutron decay. V. V. Vladimirskii and others. Izv. AN SSSR Ser. fiz. 25 no. 9:1121-1123 S '61.

Laws of the electronic polarization and depolarization of crystals. E. I. Adirovich. Fiz. tver. tela 3 no. 7:2048-2050 Jl '61.

Light absorption by electrons of nonmetallic crystals in an electric field [with summary in English]. V. A. IAkovlev. Zhur. eksp. i teor. fiz. 40 no. 6:1695-1696 Je '61.

Magnetooptical absorption spectra in semiconductors in the case of arbitrarily formed isoenergetic electron surfaces. Case of closed trajectories. L. I. Korovin. Fiz. tver. tela 3 no. 8:2202-2213 Ag '61

Method of studying the energy state of electrons in metals by means of the positron-electron annihilation phenomenon. I. IA. Dekhtiar, V. S. Mikhalenko. Sbor. nauch. rab. Inst. metallofiz. AN URSR no. 12:46-50 '61

Sagging of the potential on the discharge axis with electron oscillation in a magnetic field. M. D. Gabovich, O. A. Bartnovskii, Z. P. Fedorus. Zhur. tekh. fiz. 30 no. 3:345-353 Mr '60

ELECTRONS—CAPTURE

Determining the depth of electron traps in ZnS phosphors by the flash occurring under the action of infrared light. L. A. Vinokurov, M. V. Fok. Opt. i spektr. 10 no. 3 374-378 Mr '61

Investigation of a magnetic trap. K. D. Sinel'nikov and others. Zhur. tekh. fiz. 30 no. 3 256-260 Mr '60

Investigation of "nonlinear" processes of relaxation of photoconductivity in the presence of attachment levels. L. G. Paritskii, S. M. Ryvkin. Fiz. tver. tela 3 no. 8: 2245-2258 Ag '61.

ELECTRONS—DIFFRACTION

Device for visual observation of the diffraction of slow electrons. D. O. Horodets'kyi, O. M. Korniev. Ukr. fiz. zhur. 6 no. 3 422-424 My-Je '61

ELECTRONS—EMISSION

Electron emission from CdS during current flow. P. G. Borsiak, G. A. katrich, O. G. Sarbei. Fiz. tver. tela 3 no. 7:2186-2188 Jl '61

Exoelectronic emission of colored crystals. O. D. Knab. Fiz. tver. tela 3 no. 8:2293-2297 Ag '61.

Photoelectronic emission from dispersed silver films. O. H. Saibei, H. A. Katrych. Ukr. fiz. zhur. 6 no. 3 418-420 My-Je '61.

Resonance absorption of 23.8 Kev. gamma rays by Sn^{119}, as observed from conversion electrons. K. P. Mitrofanov, V. S. Shpinel'. Zhur. eksp. i teor. fiz. 40 no. 3:983-985 Mr '61.

Simultaneous study of the photo- and thermoelectrically stimulated luminescence and the electron emission of alkali halide phosphors. P. A. Pipinis. Opt. i spektr. 10 no. 5 676-678 My '61.

ELECTRONS—SCATTERING

Calculating the function of electron distribution from the energy in a positive discharge column in neon. Iu. M. Kagan, R. I. Liagushchenko. Zhur. tekh. fiz. 31 no. 4: 445-449 Ap '61.

Conditions of the stability of the function of electron distribution in plasma [with summary in English]. A. I. Akhiezer, G. IA. Liubarskii, R. V. Polovin. Zhur. eksp. i teor. fiz. 40 no. 3:963-969 Mr '61.

Electron scattering by a charged dislocation. E. M. Kuznetsova. Fiz. tver. tela 3 no. 7:1987-1994 Jl '61.

Electron scattering in an electron microscope. A. N. Pilianskevich. Zhur. tekh. fiz. 30 no. 2:232-238 F '60.

Electron scattering on light atoms. A. N. Pilianskevich. Zhur. tekh. fiz. 30 no. 2 226-231 F '60

Emission of low energy γ-quanta by electrons scattered on protons [with summary in English]. S. M. Bilen'kii, R. M. Ryndin. Zhur. eksp. i teor. fiz. 40 no. 3:819-826 Mr '61.

Mechanism of the scattering of charge carriers in lead telluride. E. D. Devlatkova, I. A. Smirnov. Fiz. tver. tela 3 no. 8:2310-2318 Ag '61.

New method of solving the Thomas-Fermi-Dirac equation. R. I. Anishchenko. Fiz. met. i metalloved. 12 no. 1:11-15 Jl '61.

Relativistically covariant relations of the polarization effects arising in the scattering of spin 1/2 particles [with summary in English]. G. V. Frolov. Zhur. eksp. i teor. fiz. 40 no. 3:943-945 Mr '61

Some laws governing the elastic scattering of medium-energy electrons. A. N. Pilianskevich. Kristallografiia 6 no. 3 341-347 My-Je '61.

Temperature dependence of the line width of Roman spectra of substances in the crystalline state. A. V. Rakov. Opt. i spektr. 10 no. 6 713-716 Je '61

ELECTRONS—SPECTRA

Characteristic energy losses arising in the reflection of electrons from single crystals of alkali halides. M. L. Kapitsa, S. A. Fridrikhov, A. R. Shul'man. Fiz. tver. tela 2 no. 3 517-523 Mr '60.

Investigation of the angular distribution of photoelectrons knocked out of Ag and Bi targets by gamma rays from Cs^{137}. K. K. Aglintsev and others. Izv. AN SSSR, Ser. fiz. 25 no. 9 1141-1145 S '61

Studying the spectrum of conversion electrons in neutron-deficient lutecium isotopes. A. A. Abdurazakov and others. Izv. AN Uz SSR Ser. fiz.-mat. nauk 3 53-60 '61

ELECTROPHORESIS

Electrophoresis of milk proteins [with summaries in English, German, and French]. IU. I. Paetskaia. Vest. sel'khoz. nauki 6 no. 8:69-74 Ag '61.

Flocculation in the electrophoretic deposition of carbonate suspensions [with summary in English]. I. S. Lavrov. Koll. zhur. 23 no. 4:423-427 Jl-Ag '61

Isolation of clay particles by electrophoresis. N. V. Logvinenko, A. A. Lazarenko. Izv. AN SSSR. Ser. geol. 26 no. 9:100-103 S '61.

ELECTROPHYSIOLOGY

Changes in the electric parameters of the liver in irradiated animals due to prophylactic administration of cysteine. A. A. Mikhailova. Radiobiologiia 1 no. 3: 325-329 '61.

Changes in the electrical activity of the reticular formation during the blocking of gastric and rectal receptors. G. K. Kadyrov. Izv. AN Azerb. SSR Ser. biol. i med. nauk no. 6:107-116 '61

Effect of adrenaline on the physical electrotonus of smooth muscles. M. F. Shuba. Fiziol. zhur. 47 no. 8: 1068-1073 Ag '61

Effect of the sympathetic nerve on the potentials of striated muscle fibers of a frog. G. A. Nasledov. Dokl. AN SSSR 139 no. 6:1498-1501 Ag '61.

Effect of the system of gamma neurons on the electrical activity of muscle spindles during local tetanus in cats. G. A. Erzina. Fiziol. zhur. 47 no. 8:971-975 Ag '61

Electrophysiological study of hibernation. M. B. Shtark. Fiziol. zhur. 47 no. 8:942-949 Ag '61.

Pessimum reaction of a single muscle fiber to indirect stimulation. N. M. Shamarina. Fiziol. zhur. 47 no. 8: 1048-1055 Ag '61.

ELECTROPHYSIOLOGY—LABORATORY MANUALS

[Laboratory manual on general biophysics; in eight parts] Praktikum po obshchei biofizike; v vos'mi vypuskakh. Pod obshchei red. B. N. Tarusova. Moskva, Gos. izd-vo "Vysshaia shkola."

Nos. 3-4. Barinkova, E. V., and others. [Investigation of bioelectric phenomena in tissues and cells] Issledovaniia bioelektricheskikh iavlenii v tkaniakh i kletkakh. 1961. 259 p.

ELECTROPLATING—SAFETY MEASURES

Profsoiuz rabochikh mashinostroeniia SSSR. [Safety and sanitation regulations for electroplating shops] Pravila tekhniki bezopasnosti i proizvodstvennoi sanitarii pri proizvodstve metallopokrytii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 30 p.

ELECTRORETINOGRAPHY—EQUIPMENT AND SUPPLIES

Electronic low-frequency analyzer and its use in electroretinography [with summary in English]. V. K. Zhdanov, A. I. Bogoslavskii, E. N. Semenovskaia. Biul. eksp. biol. i med. 51 no. 5:121-124 My '61.

ELECTROSTATICS

Diffraction of a plane electromagnetic wave on a plane ring of ideal conductivity and the electrostatic problem for such a ring. G. A. Grinberg, V. N. Kuritsyn. Zhur. tekh. fiz. 31 no. 9:1017-1025 S '61.

ELECTROTHERAPEUTICS

Novocaine diathermy electrophoresis in the compound treatment of lumbosacral radiculitis. M. L. Smolenskii. Voen.-med. zhur. no. 5 84 My '61

ELEMENTARY EDUCATION see Education, Elementary

ELEVATORS, AUTOMATIC—SAFETY MEASURES

Safety requirements in converting passenger elevators to self-service. M. S. Sharonov, V. E. Pokolonov. Bezop. truda v prom. 5 no. 8:26-29 Ag '61.

EL'GI VALLEY—METEORITES

The meteorite El'ga. B. I. Vronskii. Priroda 50 no. 9 90-91 S '61

ELIZAROV, KONSTANTIN NIKOLAEVICH, 1899-1961

Konstantin Nikolaevich Elizarov. Fiz. v shkole 21 no. 3 111 My-Je '61.

ELUETHEROCOCCUS see subdivision under Soviet Far East

EMASCULATION see Castration

EMBA REGION—OIL WELL DRILLING

Raise the requirements for geological drilling assignments. K. Shevtsov. Nar. khoz. Kazakh. 19 no. 6 63-65 Ag '61.

EMBA VALLEY—PETROLEUM GEOLOGY

Sokolova, E. I., E. N. Ivanova, and I. P. Egorov. [Permian and Triassic sediments in the Yuzhnaya Emba and their oil potential] Permskie i triasovye otlozheniia IUzhnoi Emby i ikh neftenosnost'. Leningrad, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry. Leningr. otd-nie, 1961. 194 p. (Leningrad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy, no. 164)

EMBLEMS, NATIONAL

How the eagle was replaced by the sickle and hammer. M. I. Zakhartseva. Ist. arkh. 7 no. 4:257-258 Jl-Ag '61

EMBOLISM

Role of thrombosis and embolism in the development of infarcts (statistical data based on autopsy material of the Sechenov First Moscow Medical Institute) [with summary in English]. N. A. Bykova, T. F. Zhebro, V. V. Serov. Arkh. pat. 21 no. 9 29-35 '59.

EMBROIDERY, UKRAINIAN

[Ukrainian folk embroidery] Ukrains'ki narodni vyshyvky. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry. 9 p. 17 col. plates in portfolio. (IU)

EMBRYOLOGY—BIRDS

Critical period in the development of scleral papillae of the eye in chick embryos detected by X irradiation. V. F. Puchkov. Radiobiologiia 1 no. 3:437-439 '61.

EMBRYOLOGY—FISHES

Radiation damage of chromosomes during early developmental stages of salmon. A. A. Prokof'eva, Bel'gorskaia. TSitologiia 3 no. 4 437-445 Jl-Ag '61

EMBRYOLOGY—MAMMALS

Effect of environmental conditions on the number and distribution of embryos in uterine horns of the vole Microtus socialis. T. A. Otakhell. Soob. AN Gruz. SSR 26 no. 4 433-440 Ap '61.

Effect of X irradiation of rats before pregnancy on subsequent embryogenesis. E. A. Pozhidaev. Radiobiologiia 1 no. 3:429-436 '61.

Functional cytochemical study of sensory and motor cells of the spinal cord in rat embryos. L. B. Lavinson, M. I. Leikina. TSitologiia 3 no. 4:446-454 Jl-Ag '61.

EMBRYOLOGY, HUMAN

(see also subdivision under Italy)

Development of neural elements of the human alimentary canal during the embryonic period [in Georgian with summary in Russian]. K. I. Chichinadze. Trudy Inst. eksp. morf. AN Gruz. SSR 8:139-149 '60.

Observations on the endocrine function of adrenal glands in human embryogenesis. S. E. Levina. Dokl. AN SSSR 139 no. 5 1266-1268 Ag '61

EMETICS

Relation of the gastric contractility center to stimulation of various intensity. A. I. Mordovtsev. Izv. Otd. sel'khoz. i biol. nauk AN Tadzh. SSR no. 1 139-146 '60

EMOTIONS

Role of the rhinencephalon in the activation of the hypophysial-adrenocorticogonadal system and in the formation of emotional and sex behavior. E. Endroczi, K. Lissak. Probl. endok. i gorm. 7 no. 4 18-26 '61

Smile, mood, and health. A. Alekseev. Nauka i zhizn' 28 no. 8:66-68 Ag '61.

EMPLOYEES, DISMISSAL OF

We should always try to establish who was responsible for the groundless dismissal of workers. D. Bakhrakh. Sov. iust. no. 17:27 S '61.

EMPLOYEES, IDENTIFICATION OF see Labor passports

EMPLOYEES, TRAINING OF

(see also subdivision under Rostov-on-Don)

Some tendencies to change the proportion of skilled workers in the laboring force of Soviet industry [with summary in English]. I. G. Ponomareva. Vest. LGU 16 no. 17:15-24 '61.

EMPLOYEES' MAGAZINES, HANDBOOKS, ETC. see subdivision under Moscow

EMPLOYMENT OF STUDENTS see Student employment

EMULSIFICATION
Studying the mechanism of emulsification caused by ultrasonic waves, S.A.Neduzhin. Trudy NIKFI no.14 85-100 '60

EMULSIONS
Some particular features of emulsion formation induced by ultrasonic waves [with summary in English] S.A. Neduzhii. Koll. zhur. 23 no.4:448-453 Jl-Ag '61

EMULSIONS, PHOTOGRAPHIC see Photographic emulsions

ENAMEL AND ENAMELING
Effect of iron oxides on the thermal expansion coefficient of primer enamels. K.P. Azarov, V.E. Gorbatenko. Zhur. prikl. khim. 34 no.8:1883-1885 Ag '61

Enameled gas and petroleum pipes. F.N. Podkletnov, F.S. Zaitsepin. Stroi. truboprovod. 6 no.8:28-29 Ag '61.

ENCEPHALITIS
Alimov, Kh.A. [Clinical aspects of conditions resembling psychopathic states following infectious meningoencephalitis and their evaluation by forensic psychiatry] Klinika psikhopatopodobnykh sostoianii posle infektsionnykh meningo-entsefalitov i ikh sudebno-psikhiatricheskaia otsenka. Tashkent, Medgiz UzSSR, 1959. 115 p. (DNLM)

Early clinical manifestations of tick-borne encephalitis. A.N. Shapoval. Voen.-med. zhur. no.5:42-45 My '61

Use of acrichine and antiencephalitis serum in tick-borne encephalitis. I.G. Sipetko. Voen.-med. zhur. no.5:11-46 My '61

ENCYCLOPEDIAS AND DICTIONARIES, UKRAINIAN
Onats'kyi, IEvhen. [Little Ukrainian encyclopedia] Ukrains'ka mala entsiklopediia. Buenos Aires, Nakladom Administratsiy UAPTs v Argentini. Vol.8. ME - NA. 1961. 951-1076 p.

Outstanding event. Znan.ta pratsia no.8:32 Ag '61.

ENDOCARDITIS
Case of septic ulcerous endocarditis in a child with subvalvular perforation of the wall of the aorta. E.N. Nesterova, A.F. Nesterina. Vop. okh. mat. i det. 6 no.1:81-82 Ja '61

ENDOCRINE GLANDS
New data on the effect of ionizing radiations on the endocrine system. D.L. Glozmanskii. Probl. endok. i gorm. 7 no.4:26-32 '61

New data on the functional morphology of the lymphatic system of the endocrine glands. D.A. Zhdanov. Probl. endokd. i gorm. 7 no.1:52-62 '61.

Role of the adrenopituitary system in the restoration of vital functions after clinical death [with summary in English] M.G. Kolpakov. Biul. eksp. biol. i med. 51 no.4:32-39 Ap '61.

Role of the rhinencephalon in the activation of the hypophysial-adrenocorticogonadal system and in the formation of emotional and sex behavior. D. Endrotzi, K. Linsar. Probl. endok. i gorm. 7 no.1:18-26 '61.

ENDOCRINOLOGY
Organizing the production of endocrine preparations under laboratory conditions. R. Akopova. Prom. Arm. 4 no.5:52-53 My '61

ENDOSPERM
Some data on the effect of wheat endosperm irradiation on the growth and development of plants. L.M. Fonshtein. Radiobiologiia 1 no.3:446-451 '61.

ENDOWMENTS see subdivision under United States

ENERGY-BAND THEORY OF SOLIDS
Band theory of partially ordered systems. A.I. Gubanov. Fiz. tver. tela 3 no.7:2151-2159 Jl '61

Structure of energy bands in semiconductors of the type $CdIn_2Se_4$. A.I. Gubanov, F.M. Gashimzade. Fiz. tver. tela 2 no.2 255-260 F '60

ENGELS, FRIEDRICH, 1820-1895
The great theoretician of Marxism, on the 140th anniversary of F. Engels' birth. M. Demidov. Komm. Vooruzh. Sil 1 no.4:16-22 N '60.

ENGINEERING
Polikarpov, S.A. [Principles of the interchangeability of parts and engineering measurements; manual for laboratory work] Osnovy vzaimozamenlaemosti i tekhnicheskie izmerenila, rukovodstvo k vypolneniiu laboratornykh rabot. Leningrad, M-vo vysshego i srednego spetsial'nogo obrazovaniia RSFSR.
No.1. [Mechanical Engineering, Machinery Manufacturing, Shipbuilding, Heat Engineering and Metallurgical Departments] Fakul'tety: mekhaniko-tekhnologicheskii, mashinostroitel'nyi, korablestroitel'nyi, teploenergeticheskii, metallurgicheskii. 1960. 42 p.
[MICROFILM]

ENGINEERING—BIBLIOGRAPHY see Bibliography—Engineering

ENGINEERING—STUDY AND TEACHING
Kondratenko, L.V., and E.A. Shtekman. [Training models in construction, sanitary engineering, and building machinery] Uchebnye modeli po stroitel'stvu, sanitarnoi tekhnike i stroitel'nym mashinam. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 164 p. (Obmen opytom raboty)

ENGINEERING, MECHANICAL see Mechanical engineering

ENGINEERING, SANITARY see Sanitary engineering

ENGINEERING GEOLOGY
(see also subdivision under South Golodnaya-Steppe Canal region)
"Engineering geology" by N.IA. Denisov. Reviewed by V.N. Kiaev. Osn., fund. i mekh. grun. 3 no.4:32 '61.

[Results achieved and methods used in studying hydrogeological and engineering geological conditions of large reservoirs] Opyt i metodika izucheniia gidrogeologicheskikh i inzhenerno-geologicheskikh uslovii krupnykh vodokhranilishch. Pod red. G.S. Zolotareva, D.S. Sokolova i E.G. Chapovskogo. [Moskva] Izd-vo Mosk. univ.
Pts.2-3. 1961. 360 p. diagrs, maps.

ENGINEERING LABORATORIES—EQUIPMENT AND SUPPLIES
Homemade apparatus and installations for studying the strength of materials. F.F. Zaitsev. Sred. spets. obr. 8 no.8:24-31 Ag '61

ENGINEERING MODELS
Kondratenko, L.V., and E.A. Shtekman. [Training models in construction, sanitary engineering, and building machinery] Uchebnye modeli po stroitel'stvu, sanitarnoi tekhnike i stroitel'nym mashinam. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 164 p. (Obmen opytom raboty)

ENGINEERING STANDARDS see Standards, Engineering

ENGINEERING TOLERANCES see Tolerance (Engineering)

ENGLISH LANGUAGE—DICTIONARIES—RUSSIAN
Pushkarev, V.I., and A.M. Shchegoleva, comps. [English-Russian and Russian-English dictionary of building and architectural terms] Anglo-russkii i russko-angliiskii arkhitekturno-stroitel'nyi slovar'. Pod red. L.S. IAmpol'skogo. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 841 p.

Rabinovich, Z.E., comp. [English-russian textile dictionary] Anglo-russkii tekstil'nyi slovar'. Izd. 2., perer. i dop. Pod red. K.K. Lupandina. Moskva, Glav. red. inostr. nauchno-tekhn. slovarei Fizmatgiza, 1961. 640 p.
Valuable reference book ("English-Russian dictionary on petroleum" by F. IU. Izraileva. Reviewed by S. Galkin). Neft. khoz. 38 no.4:71-72 Ap '60.

ENGLISH LANGUAGE—STUDY AND TEACHING
Teaching foreign languages. M.M. Kukhmister, L.M. Movshovich. Doshk. vosp. 34 no.9:46-47 S '61.

ENGLISH LANGUAGE—SYNTAX
IArtseva, V.N. [Historical syntax of the English language] Istoricheskii sintaksis angliiskogo iazyka. Moskva, Izd-vo Akad. nauk SSSR, 1961. 308 p.

ENGLISH LANGUAGE—TRANSLATING
Tolstoi, S.S. [How to translate from the English] Kak perevodit' s angliiskogo iazyka. Moskva, Izd-vo IMO, 1960. 112 p. (V pomoshch' izuchaiushchim angliiskii iazyk)

ENGLISH LANGUAGE—VERB
Development of causative verbs in the English language. A.M. Rot. Dop. ta pov. UzhDU, Ser. filol. no.2:118-120 '58.

ENGRAVING MACHINES
Experience with the EGA-2 avtomat. M. Nalimov. Poligr. proizv. no.6:25-26 Je '61.

ENOLS
Certain properties of enol acetates. Part 7: Enol acetate of cyclobutanone and its conversion to α-alkylcyclobutanone. I.V. Machinskaia, G.P. Smirnova, V.A. Barkhash. Zhur. ob. khim. 31 no.8:2563-2566 Ag '61.

ENSEMBLES (MUSIC)
(see also subdivision under Moscow)
Guests are on the stage. L. Osipova. Ogonek 39 no.34:28 Ag '61.

ENSILAGE
Ensiling alfalfa is an economic method for preserving its nutritive value. V.A. Vernigor, P.A. Sysoev. Vest. sel'khoz. nauki [Kazakh.] 4 no.2:42-46 F '61.

Yields and quality of different corn varieties and hybrids grown for silage. D.F. Aliev. Izv. AN Azerb. SSR Ser. biol. i med. nauk no.6:29-36 '61.

ENTERIC FEVER see Typhoid fever

ENTHALPY
Determination of the enthalpy of vanadium tribromide formation [with summary in English] S.A. Shchukarev and others. Vest. LGU 16 no.16 125-129 '61

Enthalpy of vanadium oxychloride formation [with summary in English] I.L. Perfilova and others. Vest. LGU 16 no.16 130-135 '61

Molybdenum halides. Determination of the enthalpy of molybdenum dioxydibromide [with summary in English]. I.V. Vasil'kova, N.D. Zaitseva, IU.S. Svalov. Vest. LGU. 16 no.16 140-142 '61.

ENTIRE FUNCTIONS see Functions, Entire

ENTOMOLOGY
Soboley, A.S. [Practical manual in agricultural entomology] Praktikum po sel'skokhoziaistvennoi entomologii. Moskva, Gos. izd-vo sel'khoz. lit-ry zhurnalov i plakatov, 1961. 325 p. (Uchebniki i uchebnye posobiia dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii) (DA)

ENTOMOSTRACA see subdivision under Turgay Valley

ENTROPY
Application of Berthelot's principle in calculating standard entropies of solid inorganic compounds [with summary in English] N.N. Drozin. Zhur. fiz. khim. 35 no.8:1789-1793 Ag '61.

Application of the entropy method for determining the displacement thickness for adiabatic flow in a supersonic nozzle [with summary in English] A.A. Gukhman, A.F. Gandel'sman. Inzh.-fiz. zhur. 4 no.9:73-75 S '61.

Change of entropy in the relaxation of a gaseous mixture behind a shock wave. IU.P. Lun'kin. Zhur. tekh. fiz. 31 no.9:1112-1118 S '61

Interaction between a weak entropy wave and the flame front. S.S. Novikov, IU.S. Rinzantsev. Dokl. AN SSSR 139 no.5:1157-1158 Ag '61.

ENZYMES
Effect of sodium fluoride on the activity of intestinal enzymes in sheep. V.G. Loshilova. Trudy Kirov. otd. Vses. fiziol. ob-va 1 no.1:94-98 '60.

Enzyme-secretory function of the intestine after removal of the adrenals and the administration of steroid hormones in dogs [with summary in English]. Chzhou Liut [Chou Lü] Biul. eksp. biol. i med. 51 no.5:53-56 My '61

Enzymogram in chronic hepatitis and cirrhosis of the liver. R. Braunel and others. Klin. med. no.7:27-39 '61.

Evaluation of the activity of the intestines with the aid of enzyme indices in diseases of the digestive tract. S.IA. Mikhlin. Klin. med. no.7:61-67 '61.

A particular case of enzymatic coagulation of casein solution. Sh.G. Gonashvili. Soob. AN Gruz. SSR 26 no.5:531-537 My '61.

EPIC POETRY, OSSETIC
The Nart society in the Ossetic epos. S.Sh. Gabaraev. Izv. IUgo-Oset. nauch.-issl. inst. no.10:81-93 '60.

EPIDEMIOLOGY
Zhdanov, V.M. [Epidemiology] Epidemiologiia. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 335 p. (DNLM)

EPILEPSY
So-called penicillin epilepsy in the hospital. A.F. Panichev. Voen.-med. zhur. no.5:37-40 My '61

EPSTEIN, ISRAEL, 1914-1947
Margolin, IU.B. [Jewish tale] Evreiskaia povest'. Tel Aviv, Maalan [1960] 215 p. (MH)

EQUALITY
Communism and equality. P. Metlinskii. Kommunist 38 no.15:24-35 O '61.

EQUATION OF STATE
Application of the interpolation equation of state to describe experimental data on the impact compression of metals. S.B. Kormer, V.D. Urlin, I.T. Popova. Fiz. tver. tela 3 no.7:2131-2040 Jl '61.

Equation of state of water based on experimental data. M.P. Vukalovich and others. Teploenergetika 8 no.4:76-81 Ap '61.

Hypothesis of the equation of state in the case of creep. V.S. Namestnikov, IU.N. Rabotnov. PMTF no.3:101-102 S-O '61.

EQUATIONS
Certain infinite systems of equations. E.G. Deich. Zhur. vych. mat. i mat. fiz. 1 no.1:173-176 Ja-F '61.

Effect of the errors of coefficients and free terms of normal equations on correlates. L.S. Neshchadimov. Trudy OmSKhI 42 no.2:41-44 '60

Estimating the accuracy of the first unknown in the solution of normal equations. L.S. Neshchadimov. Trudy OmSKhI 42 no.2:45-48 '60.

EQUATIONS—NUMERICAL SOLUTIONS
Lehmer's method for the numerical solution of algebraic equations with complex coefficients. A.N. Kostovskii. Zhur. vych. mat. i mat. fiz. 1 no.4:719-724 Jl-Ag '61

EQUATIONS, DIFFERENTIAL see Differential equations

EQUATIONS, INDETERMINATE see Diophantine analysis

EQUATIONS, SIMULTANEOUS

Cell method of orthogonalization of the solution of systems of simultaneous linear algebraic equations with several unknowns T'ang Cheng Zhur vych mat i mat fiz, 1 no 1,78-79 Ja-F '61

Rapidly coverging iterative processes [with summary in English] A N Sharkovskii Ukr mat zhur. 13 no 2: 210-215 '61

EQUIVALENT CIRCUITS

Maksimovich, N.G. [Linear electric networks and their conversions] Linelnye elektricheskie tsepi i ikh preobrazovaniia. Moskva, Gos. energ. izd-vo, 1961. 263 p.

ERBIUM—ISOTOPES

Conversion electrons from erbium fractions. A.A. Abdurazakov and others. Izv. AN SSSR. Ser. fiz. 25 no. 9 1096-1100 S '61

Study of conversion electron spectra of neutron-deficient erbium and holmium isotopes. K IA. Gromov, I S. Dneprovskii. Izv. AN SSSR. Ser. fiz. 25 no. 9. 1105-1114 S '61.

ERBIUM—SPECTRA

Infrared electronic transition in the Er^{3+} ion. G. S. Krinchik, M. V. Chetkin. Opt. i spektr 11 no 2:274-275 Ag '61.

ERBIUM OXIDE

Catalytic properties of rare earths. Report No. 1 Transformation of n-heptane, cyclohexane, and ethylcyclopentane on erbium oxide Kh M Minachev, M. A Markov, O K Shchukina. Izv AN SSSR. Otd khim nauk no 8 1507-1511 Ag '61

Rare earth silicates Report No 5 Phase diagrams of the system Dy_2O_3 - SiO_2 and Er_2O_3 - SiO_2 N. A Toropov, F IA. Galakhov, S F. Konovalova Izv AN SSSR Otd khim nauk no 8 1365-1371 Ag '61

ERGOMETER see Dynamometer

ERIVAN—ALUMINUM INDUSTRY—EQUIPMENT AND SUPPLIES

Modernization of basic equipment and the mechanization of labor consuming operations at the Erivan Aluminum Plant. G Torostan. Prom. Arm. 4 no. 5:36-38 My '61.

ERIVAN—ART GALLERIES AND MUSEUMS

Erivan. Gosudarstvennaia kartinnaia galereia Armenii. [Armenian State Gallery of Paintings] Gosudarstvennaia kartinnaia galereia Armenii. Moskva, Izogiz, 1960. 16 p. 82 plates. [In Russian and Armenian] (MH)

ERIVAN—CHILDREN'S PLAYS

A stage-director works in a young people's theater Nat Smirnova. Teatr 22 no 9 109-111 S '61

ERIVAN—ELECTRIC INDUSTRIES

Appeal of workers of the Armenian Electric Engineering Plant to all workers in industrial enterprises, research and experimental design institutions of the Armenian S.S.R. Prom. Arm. 4 no. 3:3-4 Ag '61.

Public design bureau in a plant. P. Gasparian. Prom. Arm 4 no. 5 56-57 My '61.

ERIVAN—FEEDS

New product of the Erivan Mixed Feed Plant. N. Khanakian. Prom. Arm. 4 no. 3 43-44 Je '61.

ERIVAN—MATHEMATICS—CONGRESSES

Work of the All-Union Conference on the Theory of Functions held in Erivan A. A. Kitbalian Usp. mat nauk 16 no 4:241-242 Jl-Ag '61.

ERIVAN—RAYON INDUSTRY

Assortment of textile fabrics is expanding. A. Piatkova. Prom. Arm. 4 no 3:43 Je '61.

ERIVAN—REFRACTORY MATERIALS

Mullite will be replaced by "bakor." S. Meloian, S. Meloian. Prom. Arm. 4 no. 3:41-42 Je '61.

ERIVAN—SHOE INDUSTRY

Analysis of production and economic operations of the Shoe Factory No. 1. G. Khachatrian. Prom. Arm. 4 no. 3:15-20 Ag '61.

ERIVAN—SILK MANUFACTURE

Reducing stripes in silk fabrics. A. Piatkova. Prom. Arm. 4 no. 5:54-56 My '61.

ERIVAN—STATISTICS

Erivan. Statisticheskoe upravlenie. [Forty years of Erivan in figures; statistical collection] Erevan za 40 let v tsifrakh; statisticheskii sbornik. Erevan, 1960. 161 p.

ERIVAN—TECHNICAL EDUCATION

In the Republican House of Technology. Prom. Arm. 4 no. 3:73-74 Je '61.

ERIVAN—TECHNOLOGICAL INNOVATIONS

In the Republican House of Technology. Prom. Arm. 4 no. 3:83-84 Ag '61.

ERIVAN—VULCANIZATION

Man with an inventive mind. Prom. Arm. 4 no. 3:59-60 Ag '61.

ERIVAN REGION—MITES

Study of gamasid mites in Erivan and its environs. A. M. Ogandzhanian. Izv. AN Arm. SSR. Biol. nauki 14 no. 6 61-65 '61.

EROSION see subdivision under Alma-Ata Province, Azerbaijan, Odessa District, Ukraine, United States

ERRORS, POPULAR

Dispersed myths. I H. Pidoplichko Nauka i zhyttia 10 no 3 53-54 Mr '60.

ERRORS, THEORY OF

Effect of the discreteness of the measuring scale on accuracy estimation of measurement results O IA Gel'man. Soob AN Gruz SSR 26 no. 5 513-520 My '61

ESOPHAGUS—CANCER

Changes in the nerve elements of cancerous tumors of the human esophagus [with summary in English]. V I Zak Arkh. pat. 21 no. 10:8-12 '59.

ESPIONAGE

Be alert and do not betray our military and state secrets M. Luk'ianov Komm Vooruzh. Sil 1 no 3 77-82 N '60

Let's teach our servicemen always to be alert. Komm Vooruzh. Sil 1 no. 2:3-7 Ja '61.

ESPIONAGE, AMERICAN
(see also subdivision under Paris)

Provocations and espionage are invariable features of the U S policy. M Monin Komm. Vooruzh. Sil 1 no 5 50-55 D '60.

ESPIONAGE, AMERICAN—BIBLIOGRAPHY see Bibliography—Espionage, American

ESSENCES AND ESSENTIAL OILS

Essential oils for cooking. N. Vollenko. Obshchestv. pit. no. 7:31 Jl '61.

ESTERS

Synthesis and properties of organosilicon diesters. D. N Andreev, V. P. Liutyi. Zhur. ob. khim. 31 no. 8: 2726-2729 Ag '61.

ESTERS—THERMAL PROPERTIES

Temperature of combustion and combustibility of some polyesters used in the production of glass-reinforced plastics. I. M. Al'shits, N. M. Grad, I. E. Flis. Zhur. prikl. khim. 34 no. 8:1857-1860 Ag '61.

ESTONIA—APARTMENT HOUSES

Rural apartment houses in Estonia. B Mirov. Zhil stroi. no. 8 25-30 Ag '61.

ESTONIA—ECONOMIC CONDITIONS

Progressive development of friendly relations among our peoples. I. Käbin Kommunist 38 no. 14:80-86 S '61.

ESTONIA—MOTORCYCLE RACING

Masters and sports grow in villages. E. Remmel. Za rul. 19 no. 7:14 Jl '61.

ESTONIA—POLITICS AND GOVERNMENT

Control and effective assistance. I. Eikhfel'd. Sov. deput. trud. no. 9:57-61 S '61.

Levin, B. I. [Development of the Soviet Estonian State] Razvitie sovetskoi gosudarstvennosti v Estonii. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 133 p.

ESTONIA—PRECIPITATION (METEOROLOGY)

Synoptic conditions promoting the fall of large amounts of precipitation in Estonia. V. G. IAshchenko. Sbor. rab. po sinop no. 5:92-98 '60.

ETCHING

Effect of the composition of the emulsion solution on etching depth and profile of the printing elements. P. L. Pashulia. Poligr. proizv. no. 8:14-15 Ag '61.

Etching grooves on face (111) of antimony single crystals. V. M. Kosevich. Kristallografiia 6 no. 3:475-476 My-Je '61.

RTO machine for etching magnesium printing plates in one process. A. M. Bogoslovskii. Poligr. proizv. no. 7:16-17 Jl '61.

Remarks on craftsmanship. M. I. Kuriiko. Iskusstvo 24 no. 7:53-57 '61.

ETHANE

Catalytic condensation of toluene with 1, 2-dichloroethane. A. G. Ismailov. Azerb. khim. zhur. no. 1:23-30 '61.

Dehydrochlorination of dichloroethane in packing-free columns. S. V. L'vov and others. Zhur. prikl. khim. 34 no. 8:1894-1895 Ag '61.

Synthesis of vinyl chloride by the conjugated dehydrochlorination of 1, 2-dichloroethane and by hydrochlorination of acetylene. M. F. Nagiev, T. A. Gadzhiev, N. G. Guseinov. Azerb. khim. zhur. no. 3:11-18 '60.

ETHANEDIOL

Synthesis of polyalkylene glycol ethers A. V. Topchiev, M. G. Rudenko, D. S. Sokolov Khim i tekh topl. i masel 6 no. 8:21-28 Ag '61

ETHANOL

Synthesis of acetals based on vinyl ethers of n-butyl- and crotyloxyethanols. B I Mikhant'ev, E A Prilezhaeva Zhur. ob. khim 31 no. 8 2766-2768 Ag '61

ETHER

Action of calcium hypochlorite on vinyl butyl and vinyl phenyl ethers. M. M Movsumzade, S. G. Shikhmamedova. Azerb. khim. zhur. no. 2, 75-81 '60

Bactericidal properties of certain ether preparations. Shamkhal Mamedov and others. Azerb khim zhur. no 1:85-89 '61.

Catalytic alkoxymethylchlorination of olefins. Shamkhal Mamedov, O. B. Osipov, Kh. M. Alieva Azerb khim zhur. no. 2:83-91 '60.

Fluoromethyl esters of sulfuric acid. Part 5. Reaction of fluoromethyl ethers with sulfuric anhydride. G. A Sokol'skii, M A Dmitriev Zhur. ob. khim 31 no. 8 2743-2748 Ag '61

Heats of adsorption of p-diethyl ether on silica gel [with summary in English]. O. M Dzhigit, A. V. Kiselev, G. G Muttik. Koll. zhur 23 no 4:504-505 Jl-Ag '61

Synthesis and study of alkoxy, 3-chloro-butene-2-oxymethanes. Sh. A. Mamedov, A S. Aznev. Azerb khim. zhur. no. 3:81-90 '60

Synthesis of simple aromatic chloroethers. Shamkal Mamedov, D. N. Khydyrov Azerb. khim. zhur. no. 2: 29-38 '61.

ETHICS
(see also subdivision under United States)

Evening talks. Maksim Rylskii. Ogonek 39 no. 34: 9-11 Ag '61.

Similarity and divergency of the ethical views of L. Feuerbach and N. G. Chernyshevskii, V. M. Klochkov. Vop. filos. no. 6:47-58 '57.

ETHIOPIA—DESCRIPTION AND TRAVEL

Abramov, A. S. [Ethiopia, a country that has not been brought to its knees] Efiopiia - strana, ne vatyvshaia na koleni. Moskva, Gos. izd-vo polit. lit-ry, 1961. 108 p. (Afrika segodnia)

ETHNOLOGY

Lovin, M. G. [Ethnographic and anthropological materials as historical sources] Etnograficheskii i antropologicheskii material kak istoricheskii istochnik. Moskva, 1960. 14 p. (CLU)

Results of field research of archaeologists and ethnographers. N. IA. Merpert. Vest. AN SSSR 31 no. 8 121-124 Ag '61.

ETHYL ALCOHOL

Effect of certain substances on the solubility of benzoic acid in ethyl alcohol and a 50% mixture of ethyl alcohol and water. V. F. Sergeeva, G. P. Kaluzhinova Zhur. ob. khim. 31 no. 8:2245-2248 Ag '61.

ETHYLENE

Activity of chromoaluminomagnesiosilicate catalysts in the reaction of polymerization of ethylene into polyethylene. Z. G. Zul'fungarov and others Azerb. khim zhur. no. 2:107-115 '60.

Alkylation of xylenes with ethylene in the presence of aluminum chloride (synthesis of ethylxylenes). S. I. Sadykh-Zade, A. K. Askerov. Azerb. khim. zhur. no 3 39-43 '60.

Copolymerization of ethylene with α-olefins on a chromium oxide catalyst. M. A. Dalin and others. Azerb. khim. zhur. no. 2:9-16 '61.

Dehydrochlorination of dichloroethane in packing-free columns. S. V. L'vov and others. Zhur. prikl. khim. 34 no. 8:1894-1895 Ag '61.

Synthesis of polyethylene and ethylene copolymers with propylene and α-butylene on a chromium oxide catalyst. M. A. Dalin and others Azerb. khim. zhur. no 1:17-22 '61.

Synthesis of vinyl chloride by the conjugated dehydrochlorination of 1, 2-dichloroethane and by hydrochlorination of acetylene. M. F. Nagiev, T. A. Gadzhiev, N. G Guseinov. Azerb. khim. zhur. no. 3:11-18 '60.

Temperature influence on the viscosity and mechanical properties of poly(vinyl chloride) solutions. K. S. Akhmedov, I. N. Shtilovskaia. Uzb. khim. zhur. no. 4: 42-49 '61.

ETHYLENE ALCOHOL see Glycols

ETHYLENE GLYCOL

Chemical properties of acid bisester of methylphosphinic acid and ethylene glycol. K. A. Petrov and others. Zhur. ob. khim. 31 no. 8:2732-2735 Ag '61.

Synthesis of monomethyl ethers of ethylene glycol and diethylene glycol. E. D. Korneva, A. I. Rybakova. Zhur. prikl. khim. 34 no. 8:1875-1878 Ag '61.

ETHYLENE OXIDE

Application of the theory of the steady-state thermal conditions of exothermic reactions to the solution of practical problems. M. F. Nagiev, P. V. Karamzin, A. M. Guseinova. Azerb. khim. zhur. no. 4:69-74 '60

ETHYLENIMINE
Finishing materials based on ethylenimine derivatives V. A. Blinov Tekst prom 21 no 7 64-66 Jl '61

ETIQUETTE FOR CHILDREN AND YOUTH
Replies to parents N Eiges Sem'ia i shkola 16 no 6 39 Je '61.

EULER'S NUMBERS
Euler's discovery of "convenient" numbers. I. G. Mel'nikov. Ist.-mat. issl no. 13:187-216 '60

EUROPE—CITIES AND TOWNS
"Italian municipal communities from the 11th to the 13th century and special features of the European municipal development" [in Italian] by E Sestan. Reviewed by A. L. Kotel'nikova. Sred. veka no 20 288-293 '61

EUROPE—FOREIGN ECONOMIC RELATIONS—THAILAND
How European countries competed for the Siamese market in the 17th century E. O Berzin Krat soob Inst nar Azii 43-3-17 '60

EUROPE, EASTERN—COINS, MEDIEVAL
Hoard of Juji coins. G. A. Fedorov-Davydov. Num. i epig. no. 1:94-102 '60.

EUROPE, EASTERN—COMMUNIST PARTY
Ideological and organizational consolidation of communist and workers' parties in socialist European countries P. D. Mineev. Vop ist KPSS 5 no 5 115-126 '61.

EUROPE, EASTERN—ECONOMIC CONDITIONS
How the experience of the CPSU was used in the building of socialism in Eastern and Central Europe P. Rejman. Vop ist. KPSS 5 no. 5 73-90 '61

EUROPE, EASTERN—HISTORY
Transition from feudalism to capitalism in Central Europe, from the 16th to the 18th century [with summary in French] A. Klima, J. Macurek Sred veka no 20. 190-207 '61.

EUROPE, EASTERN—MEDICINE
Brief news. Arkh. pat. 21 no. 9 93 '59.

EUROPE, EASTERN—PETROLEUM—PIPELINES
"Friendship" petroleum pipeline [with English summary in appendix] M Zabolotnikov. Vnesh. torg 41 no. 8: 8-12 '61.

EUROPE, EASTERN—STOCK AND STOCKBREEDING
Developing stock breeding in the steppe zone of Eastern Europe during the early metal epoch. E. F. Lagodovskaia. Arkheologiia 12:16-20 '61.

EUROPE, EASTERN—WORLD WAR, 1939-1945
"How Slavic peoples struggled against fascist enslavers from 1939 to 1945" by V. Klokov Reviewed by V. S. Koval'. Ukr. ist. zhur. 5 no. 5:137-139 S-O '61.

EUROPE, WESTERN—APARTMENT HOUSES
Types of apartments in the countries of Western Europe. M. Uralova. Zhil. stroi. no. 8 34-3 of cover Ag '61.

EUROPE, WESTERN—ARMED FORCES
Armed forces of capitalist states following the Second World War. M. Mil'shtein. Voen.-ist. zhur. 3 no. 8: 50-61 Ag '61.

EUROPE, WESTERN—COMMERCE
Contradictions in Western Europe intensify [with English summary in appendix]. A Rubinin. Vnesh. torg. 41 no 6:12-20 '61.

EUROPE, WESTERN—WORLD WAR, 1939-1945
"The second front; military operations in Western Europe during 1944 and 1945" by V. M. Kulish. Reviewed by V. Morozov. Komm. Vooruzh. Sil 1 no. 17:88-91 S '61.

EUROPEAN COMMON MARKET
What is the "integration" of Western Europe? M. Panov. Polit. samoobr. 5 no. 9:104-108 S '61.

EUROPEAN WAR, 1914-1918
Attack of Russian troops of the southwestern front in the summer of 1916. Voen.-ist. zhur. 3 no. 7:127 Jl '61.

Elysaev, Theodore. [Cossack Lieutenant Gamalii's raid on Mesopotamia in May, 1916] Reid sotnika Gamelliia v Mesopotamiiu v mae 1916 goda. New York, 1957. 28, 24 p.
(NN)

Elysaev, Theodore [In the shrine of battle glory; the Cossack detachments on the Caucasian Front from 1914 to 1917 and our regiment] V khram voiskovoi slavy; kazach'i chasti na Kavkazskom fronte v 1914-1917 gg. i nash polk. New York, 1956-60, 13 nos. in 1 v.
(NN)

EUROPIUM—DECAY
Decay mode of Eu^{147}. I. Vizi. Izv. AN SSSR. Ser. fiz. 25 no. 9:1101-1104 S '61.

Investigation of the decay chain of Eu^{145}. IU. A. Aleksandrov, M. K. Nikitin. Izv. AN SSSR. Ser. fiz. 25 no. 9:1176-1177 S '61.

Number of gamma-ray quanta counted per decay event of Ce^{144} and Eu^{155}. A. N. Silant'ev, B. S. Kurnetsov. Izv. AN SSSR. Ser. fiz. 25 no. 9:1186-1187 S '61.

EVAPORATING APPLIANCES
Evaporator for concentrated solutions of sodium hydroxide K D. Losievskii, V. I. Chuiva. Khim. mash. no 4 10-12 Jl-Ag '61.

EVAPORATION
(see also subdivision under Kuuli region, Sevan Lake region)
Alcohol monolayers for evaporation reduction from the surface of water and apparatus for measuring two-dimensional pressure of monolayers. A. A Trapeznikov. V. A. Ogarev. Trudy GGI no. 91:14-32 '61.

Application of the theory of similitude for investigating the processes of heat and mass transfer in liquid evaporation [with summary in English]. G. T. Sergeev. Inzh.-fiz. zhur. 4 no. 9:75-79 S '61.

Determining the actual rate of evaporation from the surface of waters. B. A. Apollov, S. S. Remezova. Trudy Inst. okean. 37:155-160 '60.

Effect of monomolecular films on evaporation from the surface of water. V. S. Makarova, V I Kuznetsov. Trudy GGI no. 91:5-13 '61.

Evaporation from the surface of water and the effect of aquatic vegetation and weather conditions on it. A. N. Popov. Sbor. lab Kursk gidromet obser. no 1 84-90 '60

Evaporation of sea water as related to its salinity. S. N. Bobrov. Trudy Inst. okean. 37:161-163 '60.

Experimental investigation of evaporation from potato fields. V. F Pushkarev. Trudy GGI no. 91 110-131 '61.

Investigation of evaporation from farm fields. A. R. Konstantinov and others. Trudy GGI no. 91. 76-109 '61.

Laminar evaporation spirals in crystals. E. D. Dukova. Kristallografiia 6 no 3 451-454 My-Je '61.

Some data on the rate of mechanical evaporation from the water surface. P. A. Volkov. Trudy Inst. okean. 37: 149-154 '60.

Total evaporation and transpiration of corn. V. F. Pushkarev. Trudy GGI no. 91:132-151 '61.

EVENING AND CONTINUATION SCHOOLS
(see also subdivision under Dneprodzerzhinsk)
Consultations are an efficient form of teaching V Ushakov. Nar obr no. 9 81-82 S '61.

Curriculum for the grades 5-7 of the evening (staggered) schools. G. D. Gleizer, M. S. Gel'fand. Mat. v shkole no. 4:29-33 Jl-Ag '61.

[Anisov, A. I., ed. [Academic work in the evening (staggered) schools] Ob uchenoi rabote v vechernikh (smennykh) shkolakh. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 318 p.

Important means of increasing the efficiency of a lesson. M. Popov. Nar obr no. 9:83-85 S '61

"Pedagogical lectures" on evening and correspondence schools. L. Zlubin Sov. pedag. 25 no 8:158-159 Ag '61.

Raising the vocational and technical knowledge of industrial personnel student in schools for working youth. P. A. Stepanov. Dokl APN no. 1, 9-11 '61.

Some methods of increasing the efficiency of mathematics lessons in the schools for working youth. V. M. Vlasova. Mat. v shkole no. 4:41-43 Jl-Ag '61.

Special rights of students of evening and correspondence schools. A. Troshin. Sov. iust. no. 17: 20-21 S '61.

Studying orthography in the advanced grades of evening (staggered) schools. G. N. Pristupa. Dokl. APN no 1 35-39 '61.

We need an examination system. A. Sinditskii. Nar. obr. no. 9:89 S '61.

EVEREST, MOUNT—MOUNTAINEERING
The longest mile. A. Poliakov. Znan. ta pratsia no. 7: 24-25 Jl '61.

EVIDENCE, EXPERT
[Ablokov, N. P. [Criminal investigation of the physical aspects of documents] Kriminalisticheskoe issledovanie materialov, dokumentov. [Moskva] Izd-vo Mosk. univ., 1961. 46 p.

The role of specialists in pretrial investigation A. Vinberg. Sots. zakon 38 no. 9: 30-34 S '61.

EVOLUTION
Debets, G. F. [Some trends in the structural changes of modern man] O nekotorykh napravleniiakh izmenenii v stroenii cheloveka sovremennogo vida. Moskva, 1960. 25 p.
(CLU)

Kamshilov, M. M. [Evolutionary significance of interrelationships among organisms] Znachenie vzaimnykh otnoshenii mezhdu organizmami v evoliutsii. Moskva, Izd-vo Akad. nauk SSSR, 1961. 134 p.

EWP see Exploding wire phenomena

EXAMINATIONS—QUESTIONS
Graduation examinations in 1961. G. P. Evropin. Fiz. v shkole 21 no 2:43-46 Mr-Ap '61.

EXCAVATING MACHINERY
(see also subdivision under Kentau)
"AOs" [anti-freeze solution] in action or "like water off the duck's back" D Sergeev Nauka i zhizn' 28 no 8,18 Ag '61

Description of series of single-bucket construction excavators Stroi i dor mash 6 no 8 33-34 Ag '61

Device for preventing the slipping off of the cable T. A Banin, V I Klass Bezop. truda v prom. 5 no 8 33 Ag '61

Helping the excavator operator ("Rotor trenching excavators for laying pipelines" by P. IA. Davidovich and others Reviewed by V. V. Pokrovskii) Stroi truboprovod. 6 no. 8:32-3 of cover Ag '61.

New ER-7A rotor excavator G. I. Sokolov. Stroi truboprov 6 no. 7 29-30 Jl '61.

Ripper for rocky and frozen soils. A. Sleptsov. Na stroi Ros. no. 7 7 Jl '61.

The TE-3 excavator. N A. Dubovskii Biul tekh.-ekon inform no 8 20-22 '61.

Ways of increasing the capacity of multibucket excavators at phosphorite mines A N Degtiarev Khim prom no 8 558-562 Ag '61.

Working semihard ground by the use of excavator buckets with vibration impact teeth. N S Shkurenko, P V Popov [Trudy] NIIOSP no. 44:37-42 '61.

EXCAVATING MACHINERY—ELECTRIC DRIVING
Efficient circuit for the electric drive of walking and dragline excavators. IU. IA Vul'. Elektrichestvo no. 4 81-83 Ap '61

EXCAVATING MACHINERY—ELECTRIC EQUIPMENT
On V. F. Kuzovlev and M. S. Tarasov's innovation "Remote cut-off and switching on of units of large excavators" submitted to the 16 All-Union Competition on the Saving of Energy. Mavritsyn, Grishin. Prom. energ 16 no. 9:59 S '61.

EXCAVATIONS (ARCHAEOLOGY)
(see also subdivision under Lvov Province; Putivl'; Trialet Range, Ukraine, Western)
"Archaeological surveying and excavations" by D. A. Avdusin. Reviewed by N. IA. Merpert. Sov arkheol 5 no 3, 307-314 '61.

EXCHANGE
Frei, L. I. [International balance of payments and the financing of the foreign trade of capitalist countries] Mezhdunarodnye raschety i finansirovanie vneshnei torgovli kapitalisticheskikh stran. Izd. 3., perer. i dop. Moskva, Vneshtorgizdat, 1960. 437 p.
(MH)

EXCITONS
Anomalous impurity absorption near the exciton bands of molecular crystals V L Broude, E. I. Rashba, E. F. Sheka Dokl AN SSSR 139 no 5 1085-1088 Ag '61

Calculating the energy of the 2 p excited state of an exciton in the case of intermediate coupling. I. G. Zaslavskaia. Fiz. tver. tela 3 no 8:2240-2244 Ag '61

Effect of deformations and of a magnetic field on exciton absorption in cubic crystals A G Zhilich Fiz. tver. tela 3 no. 7:2041-2047 Jl '61

Exciton absorption in compound molecular crystals. V. L. Broude, E I Rashba Fiz. tver tela 3 no. 7:1941-1949 Jl '61.

Exciton formation energy near a neutral vacancy pair in NaCl crystals A. A. TSertsvadze. Fiz. tver. tela 3 no. 7:1960-1962 Jl '61.

Free path of an exciton in a polar crystal. G. M. Gankin. Fiz tver. tela 3 no. 7:2097-2101 Jl '61.

Generalized Fresnel formulae for crystal surfaces, taking the anisotropy of the effective exciton mass into account. B. E. TSekvava. Fiz. tver tela 2 no. 3 482-488 Mr '60.

Light dispersion in the region of exciton absorption in cubic crystals, taking the anisotropy of the effective exciton mass into account S. I. Pekar, B. E. TSekvava Fiz. tver tela 2 no. 2 261-272 F '60

Quadrupole optical excitation of the ground state of excitons in copper oxide crystals E. F. Gross, A. A. Kaplianskii. Fiz tver. tela 2 no. 2:379-380 F '60.

X-ray scattering in crystals with formation of excitons [with summary in English]. V. M. Agranovich, V. L. Ginzburg. Zhur. eksp i teor. fiz. 40 no. 3:913-919 Mr '61.

EXCITONS—DECAY
Bounding and decay of Mott's exciton on phonons and impurity centers. A. A. Lipnik. Fiz. tver. tela 3 no. 8:2322-2330 Ag '61.

EXCITONS—SCATTERING
Elastic scattering of nonlocalized excitons on color centers. Z. S. Kachlishvili Fiz. tver. tela 3 no. 7: 2141-2146 Jl '61.

EXCITONS—SPECTRA
Possibility of the "flaring up" of quadrupole exciton absorption lines in an electric field. V. I. Cherepanov. Fiz. tver. tela 3 no. 7:2183-2185 Jl '61.

Theory of the dispersion of high frequency exciton conductivity in crystals [with summary in English]. R. F. Kazarinov, O. V. Konstantinov. Zhur. eksp. i teor. fiz. 40 no. 3:936-942 Mr '61.

EXECUTIVES
Selection of managerial personnel N Panferov Part zhizn' no 19 48 O '61

EXERCISE THERAPY
Influence of exercise therapy on the health of officers V I Georgadze Voen -med zhur no 5 80 My '61
Moshkov, V. N. [Exercise therapy in the clinical aspects of internal diseases] Lechebnaia fizkul'tura v klinike vnutrennikh boleznei. Izd. 2., pererab. i dop. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 351 p. (DNLM)

EXHIBITION BUILDINGS see subdivision under Moscow

EXHIBITION BUILDINGS—COMPETITIONS see subdivision under Moscow

EXHIBITIONS see subdivision under Leipzig, London, Marseilles; Moscow, Tokyo, Turin

EXPANSION (HEAT)
Calculation of a tubular expansion piece. M. A. Rudis. Energomashinostroenie 7 no. 7 42-44 Jl '61.
Electrical conductivity and thermal expansion of vanadium, molybdenum and tungsten oxides V. P Elutin and others Izv vys. ucheb zav., chern met 4 no 7 12-17 '61

EXPERIMENTAL PSYCHOLOGY see Psychology, Physiological

EXPERT EVIDENCE see Evidence, Expert

EXPLODING WIRE PHENOMENA
Electric exploding of wires to obtain a multiple-action pulse light source I. S. Marshak Opt i spektr 10 no. 6:801-804 Je '61

EXPLOSIONS
Impact ionization and detonation in magnetohydrodynamics. V P Demutskii, R V Polovin Zhur. tekh fiz 31 no. 4 419-427 Ap '61
Luminescence from a detonation. I. M. Voskoboinikov PMTF no 1 133-134 My-Je '60
Method for analyzing the products of an explosion by measuring the parameters of the shock waves formed. O. A TSukhanova Zhur tekh fiz 30 no 2 242-247 F '60.
Rarefaction shock waves in iron and steel. A. G. Ivanov, S. A. Novikov Zhur. eksp i teor fiz 40 no 6.1880-1882 Je '61

EXPLOSIONS, UNDERWATER see Underwater explosions

EXPLOSIVES
Akademiia nauk SSSR. Institut gornogo dela. [Simple explosives, "igdanity."] Vzryvchatye veshchestva prosteishego sostava (igdanity), sbornik statei i materialov. Pod red. N. V. Mel'nikova i L. I. Barona. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 238 p.
Baron, L. I., ed. [Shattering properties of explosives for mining] Drobliashchaia sposobnost' vzryvchatykh veshchestv dlia gornykh rabot. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 111 p.
Pulsatory burning of liquid explosives thickened by the dissolution of polymers [with summary in English] A. I. Gol'binder, V. V. Goriachev Zhur fiz khim 35 no. 8:1808-1812 Ag '61.

EXPLOSIVES, MILITARY
Heroic workdays of the engineers. M Verbovetskii. Voen. vest. 41 no 5:102-105 My '61

EXPONENTIAL FUNCTIONS see Functions, Exponential

EXPORT CREDIT
International credit relations of the U. S. S. R. [with summary in appendix] F. Bystrov Vnesh torg 41 no. 9 3-9 '61.

EXTRACTION (CHEMISTRY)
Chlorophyllide formation in the extraction of chlorophyll from green leaves with aqueous acetone. A. A. Shlyk and others Dokl. AN BSSR 5 no 8,364-368 Ag '61
Equilibrium of extraction processes in some systems. F. A. Kuznetsov, A. K. Lileeva, N. I Smirnov. Zhur. prikl. khim. 34 no. 8 1829-1834 Ag '61.
Simultaneous extraction of trace elements in the extraction of chlorides by oxygen-containing organic solvents L. I. Moseev, A. G. Karabash. Zhur. neorg khim 6 no. 8-1944-1950 Ag '61.

EXTRACTION APPARATUS
Centrifugal jet countercurrent extractor-separator. I. V. Lyskovtsov. Khim. mash. no. 4:8-10 Jl-Ag '61.
Method for analyzing the operation of packed extraction columns I. P Slobodianik. Izv vys. ucheb zav., pishch. tekh. no 3:111-115 '60.

EXTREMITIES (ANATOMY)—BLOOD SUPPLY
Thermoradiometric method for determining the level of amputation in patients with injuries and diseases of the blood vessels of the extremities. P. A Pavlenko. Ortop travm. i protez. no. 5:6-12 '61.

EXTREMITIES (ANATOMY)—DISEASES
Chondromatosis of the bone associated with subcutaneous angiomas (Maffucci's syndrome) [with summary in English] A I Ozurai Arkh. pat. 21 no 9 60-64 '59
Murazian, R. I. [Intraosseous anesthesia in gunshot wounds of the extremities] Vnutrikostnoe obezbolivanie pri ognestrel'nykh ranenliakh konechnosti. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 62 p. (Biblioteka prakticheskogo vracha) (DNLM)

EXTREMITIES, LOWER—BLOOD VESSELS
Comparative anatomy of the arterial system of the thigh N U Amirov Izv AN Turk SSR, Ser biol nauk no 1 51-63 '61

EXTREMITIES, LOWER—SURGERY
Surgical elongation of shortened lower extremities of paralytic etiology B I Berlinei. Ortop., travm i protez no. 7 35-39 '61

EXTREMITIES, LOWER—ULCERS
Treatment of slowly healing ulcers with mineral water from the Kuldur Health Resort A N Posypin Voen -med zhur no 6,79 Je '61

EXTREMITIES, UPPER—FRACTURE
Use of metallic osteosynthesis in multiple (associated) fractures of the bones of the upper extremities. A. N. Berkutov, S I Il'enkov. Ortop., travm. i protez. no 7 10-14 '61

EXTREMITIES, UPPER—WOUNDS AND INJURIES
Prosthesis for a patient following avulsion of the right upper extremity with the scapula A E Kalinina, S IA Gumilevskaia Ortop., travm i protez no 5,56-58 '61

EXTRUSION (METALS)
Hot extrusion of cemented steel parts. P A. Ivanov, V. T Chirikov. Kuz.-shtam proizv 3 no 9:5-8 Ag '61.

EYE
Critical period in the development of scleral papillae of the eye in chick embryos detected by X irradiation. V. F. Puchkov. Radiobiologiia 1 no. 3:437-439 '61.

EYE—SURGERY
Eye with artificial chrystal. T Kruglova Nauka i zhizn' 28 no 8,55 Ag '61

FAÇADES
Facing walls with glazed tiles P Makhinia, A. Pozdniakov. Stroitel' no 7 10-11 Jl '61
Factory-applied crushed-stone finish for prefabricated panels. S. Ananiev, A Kikin. Stroi. i arkhit. Mosk. 9 [i.e.10] no. 8 33-34 Ag '61.

FACTOR ANALYSIS
"Sociological and psychological factors in the consumption of coffee" [in French] by Karl Ruefenacht. Reviewed by N. B. Ignat'ev. Vop. filos. no. 6:206-208 '57.

FACTORIES—DESIGN AND CONSTRUCTION
(see also subdivision under Moscow; Ukraine)
Color and light. G. Shakhbazian. Sov. profsoiuzy no. 17: 30-31 S '61
Plant and beauty. V. Blokhin. Sov. profsoiuzy 17 no. 18:45-46 S '61.
Progressive method of industrial construction. M Khazanovskii. Stroi. i arkhit 9 no. 7.38 Jl '61.
Using continuous production methods in industrial construction S. S Kolands Izv. vys. ucheb. zav., stroi. i arkhit. 4 no. 4-133-137 '61

FACTORIES—HEATING AND VENTILATION
Cleaning the pipes of an exhaust ventilation. V. I. Morozov, P A Nemtsev. Sbor. rats predl. vnedr. v proizv. no. 5:46 '60.
Steel monitor ventilation panels. Biul. stroi. tekh. 18 no 8,21-22 Ag '61.

FACTORIES—LIGHTING
Efficient utilization of electric power for the lighting of textile enterprises. A N Shmelev. Tekst. prom 21 no 7 74-75 Jl '61.

FACTORIES—LOCATION see subdivision under Kryukovo

FACTORY SANITATION
Profsoiuz rabochikh mashinostroeniia SSSR. [Safety and sanitation regulations for electroplating shops] Pravila tekhniki bezopasnosti i proizvodstvennoi sanitarii pri proizvodstve metallopokrytii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 30 p.

FALAKI SHIRWANI, d. 1181
Falaki Shirwani's life and work [in Azerbaijani with summary in Russian]. R Azade Izv. AN Azerb. SSR. Ser. obshchestv. nauk no. 4:87-92 '61.

FALEEV, GRIGORII IVANOVICH, 1861-
Grigorii Ivanovich Faleev A. V. Peryshkin. Fiz. v shkole 21 no. 3:31-32 My-Je '61

FALLOUT, RADIOACTIVE see Radioactive fallout

FALLOWING
(see also subdivision under South Kazakhstan Province)
After-effect of soil cultivation practices and fallowing on the yield of grasses [with summary in English] R Shlenkel, I S. Shatilov Izv TSKhA no. 2 57-71 '61
Effect of fallow crops on soil fertility and winter wheat yields I V Veselovskyi, V S Solomka Vissyk sil'hosp nauky 3 no 4 70-72 Ap '60
Establishing climatic regions based on the applicability of green fallows in the U S S R P I Kolotilov Trudy NIIAK no. 10 3-18 '61

FAMILY
(see also subdivision under Georgia)
Development of communism and the family. Semia i shkola 16 no 6 6-9 Je '61

FANS, ELECTRIC
Synchronization of the operation of fans or smoke exhaust fans using the current to their electric motors A. M. Biriukov. Energetik 9 no. 4:23-24 Ap '61

FANS, MECHANICAL
Effect of the casing size on the characteristics of centrifugal fans. M. V Pal'shin. Trudy Ural. politekh. inst. no 85:98-110 '60.

FAR EAST, SOVIET see Soviet Far East

FARAB REGION—OIL FIELD BRINES
Chemical characteristics of oil field waters in the Farab test field. V. V. Kolodii. Izv AN Turk. SSR. Ser. fiz.-tekh., khim. i geol. nauk no. 1:103-108 '61

FARADAY EFFECT
Fine structure of the microwave Faraday effect in paramagnetic substances. L IA Shekun Zhur. tekh fiz 31 no 9 1146-1147 S '61

FARM BUILDINGS
(see also subdivision under Leningrad Province, Novosibirsk Province; Virgin Territory)
Precast reinforced concrete in rural construction in Tambov Province. F Novikov. Sel' stroi. 16 no 7 insert,1-6 Jl '61.

FARM BUILDINGS—COSTS
Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Collection no. 2 of unified cost indices for residential, public, and administrative buildings and structures for revaluating capital assets on collective farms] Sbornik no. 2 ukrupnennykh pokazatelei stoimosti zhilykh, kul'turno-bytovykh i administrativno-khoziaistvennykh zdanii i sooruzhenii dlia pereotsenki osnovnykh fondov v kolkhozakh. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 224 p.

FARM BUILDINGS—EXHIBITIONS
New rural construction exposition at the Exhibition of National Achievements. M Karasik. Sel' stroi 16 no 7.20 Jl '61.

FARM BUILDINGS—FIRES AND FIRE PREVENTION see subdivision under Kurgan Province

FARM LABORERS see Agricultural laborers

FARM LIFE see subdivision under Orenburg Province

FARM MANAGEMENT
Coordinated use of combines and means of transportation [with summaries in English, German, and French]. F. S. Zavalishin. Vest. sel'khoz. nauki 8 no. 8 82-89 Ag '61.
Improving forms of labor organization and wages on collective and state farms. Ekon. sel'khoz 32 no 8: 107-115 Ag '61.

FARM MECHANIZATION
(see also subdivision under Mogilev Province, Ukraine, Uzbekistan; Vasil'kov District)
City aids village. Sov. profsoiuzy no. 17:23 S '61
Elagin, V. D. [Machinery in the field and on livestock farms; present-day practices in the over-all mechanization of agriculture] Mashiny v pole i na fermakh, kompleksnaia mekhanizatsiia sel'skogo khoziaistva na sovremennom etape. Moskva, Izd-vo "Znanie," Vses. ob-va po rasprostraneniiu polit. i nauchn. znanii, 1961. 30 p. (Narodnyi universitet kul'tury. Sel'skokhoziaistvennyi fakul'tet, no. 7)
New technology and mechanization in stockbreeding D. S. Sokolov. Shkola i proizv. 5 no. 6,81-92 Je '61.

FARM MECHANIZATION—BIBLIOGRAPHY see Bibliography—Farm mechanization

FARM MECHANIZATION—STATISTICS
Mechanization indices of agricultural work. I Buterin Vest. stat. no. 8 60-67 '61.

FARM MECHANIZATION—STUDY AND TEACHING
(see also subdivision under Kazakhstan, Kirovograd Province, Ukraine, Zhitomir Province)

Machine operators for collective farms. Prof.-tekh obr. 18 no. 5:23 My '61

Technical servicing of machinery in mechanization schools. S. Kashin Prof.-tekh obr 18 no 5 21-23 My '61.

FARM PRODUCE—STORAGE

Main trends in the construction of warehouses for fruits and vegetables. M. Antonov, L. Avdeeva, IU. Volosov Sov. torg. 34 no 8 12-16 Ag '61

FARMS—VALUATION

Economic evaluation of land [with summaries in English, German, and French]. S.D. Cheremushkin. Vest. sel'khoz. nauki 6 no. 8:20-27 Ag '61.

[Economic valuation of land] Ekonomicheskaia otsenka zemli. [By] S.D. Cheremushkin i dr. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 183 p.

FASCISM see subdivision under Germany, West

FASTENINGS

Temporary interrepublic technical specifications for devices used in fastening deeply corrugated asbestos cement sheets. Biul. stroi tekh. 18 no 7:10-12 Jl '61.

FAT

Extraction of fat from bones by means of high-voltage electric pulse. I.A. Rogov Izv. vys. ucheb. zav., pishch. tekh. no 3:60-73 '60

Fat content of unfertilized eggs of rutting females in a spawning roach school IU. I. Cheprakova. Trudy sov. ikht. kom. no.13:206-300 '61

Some characteristics of fat accumulation in the carp N.P. Makarova. Trudy sov. ikht. kom. no 13:397-401 '61.

FATHERS

Fathers write about fathers. V. Arbuzov, B. Dmitrievich, V. Ovechkin. Sem'ia i shkola 16 no. 8:36-39 Ag '61.

Appeal to fathers! N. Zhuravleva. Sem'ia i shkola 16 no. 8:36-37 Ag '61

FATTY ACIDS see Acids, Fatty

FAULTS (GEOLOGY) see subdivision under Kazakhstan; Soviet Central Asia

FAVORSKII, ALEKSEI EVGRAFOVICH, 1860-1945

A.E. Favorskii; on the centennial of his birth. M. F. Shostakovskii, I. A. Shikhiev, N. V. Komarov. Azerb. khim. zhur. no. 2,69-73 '60.

Prominent Soviet chemist. IU. S. Rozum. Nauka i zhyttia 10 no 3 27-28 Mr '60

FEDERAL GOVERNMENT

Ravin, S.M. [Federal principle in Soviet constitutional law] Printsip federalizma v sovetskom gosudarstvennom prave. [Leningrad] Izd-vo Leningr. univ., 1961. 75 p.

V.I. Lenin on the federative form of government and its role in the development of the Soviet multinational state. M.I. Kulichenko. Vop. ist. KPSS 5 no 5 55-72 '61

FEDOROV, IVAN, d. 1583

Documentary materials in the archives of Lvov relating to the late period of Ivan Fedorov's life and work. E.L. Nemirovskii. Ist. arkh. 7 no. 4:229-235 Jl-Ag '61.

FEED MECHANISMS

Changing the design of gears in the feed mechanism of the planing-machine table. IA. F. Gnilitskii. Sbor. rats. predl. vnedr. v proizv. no 5:69 '60.

Container for feeding electrode rods into the bunker of an electrode-coating press. S.N. Solov'ev, A.G. TSykalo Sbor. rats. predl. vnedr. v proizv. no. 5:40 '60.

FEED MILLS—ACCOUNTING

Indices of business accounting operations in mixed feed mills. A. K. Pavlichenkov, N. E. Berchenko. Izv. vys. ucheb. zav., pishch. tekh no. 4 7-12 '61

FEED WATER

TsKTI salt meters with degassing and enrichment of the samples. A. A. Mostofin, N. S. Sorokina. Teploenergetika 8 no. 4:85-89 Ap '61

FEED-WATER HEATERS

Study of a small-sized finned feed-water economizer with a steel base. V. G. Chakrygin, L. V. Suchkova. Energomashinostroenie 7 no. 7:5-8 Jl '61.

FEED-WATER PURIFICATION

Automatic proportioning of reagents at the water treating installations of electric power plants. V. M. Kviatkovskii, A. G. Shchukina, G. V. Matskevich. Teploenergetika 8 no. 4:15-19 Ap '61

Desilication of water from the Neva River by filtrating it through a magnesium sorbent. M. I. Kharitonov, V. M. Lisgalova. Teploenergetika 8 no. 4:10-11 Ap '61.

Efficiency index of an industrial system for feed-water purification. V. P. Shvetsova. Teploenergetika 8 no. 4,7-10 Ap '61.

Features of the water treating systems of electric power plants being constructed in the present seven-year plan F. G. Prokhorov, L. S. Gurevich Teploenergetika 8 no. 4:3-6 Ap '61

Remote control switching of filters in a system with automatically controlled filter groups. S. M. Gurvich, B. A. Konstantinov Elek. sta. 32 no 6 29-32 Je '61

Restoration of the lost exchange capacity of strongly basic anionites. A. M. Prokhorova. Teploenergetika 8 no. 5 66-70 My '61.

"Treatment of water" by F. I. Belan. Reviewed by D. A. Savinovskii, G. P. Sutotskii Teploenergetika 8 no 4: 94-95 Ap '61.

Use of H cationization with deficient regeneration in networks for chemical desalting of water. N. P. Subbotina. Teploenergetika 8 no. 5 71-76 My '61.

Use of steel filings in the deoxidation of water. A. P. Mamet. Energetik 9 no 8 34-35 Ag '61

FEEDS
(see also subdivision under Armenia; Erivan)

Effective utilization of protein-rich feeds in livestock raising, report No. 4. [with summary in English] I. S Popov. Izv. TSKhA no. 2:120-143 '61

Increasing the nutritive value of straw by treatment with ammonia [with summaries in English, German, and French]. S. IA. Zafren. Vest. sel'khoz. nauki 6 no. 8: 56-63 Ag '61.

Using phosphatide concentrate from wastes of cottonseed oil as feed. K. Karibaev Masl.-zhir. prom. 27 no 8:34 Ag '61.

FEELINGS see Emotions

FELDSPAR

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut mineral'nogo syr'ia. [Industry's requirements as to the quality of mineral raw materials] Trebovaniia promyshlennosti k kachestvu mineral'nogo syr'ia; spravochnik dlia geologov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr.

No. 12. Borzunov, V.M. [Feldspar materials] Polevoshpatovoe syr'e. Nauchn. red. V.P. Petrov. Izd 2, perer. 1960. 25 p.

FEMUR—FRACTURE

Flexion-abduction method in the osteosynthesis of fractures of the femoral neck. R. Ivanov Ortop., travm. i protez. no. 7:18-22 '61

FEMUR—TUBERCULOSIS

Surgical treatment of tuberculous trochanteritis. A.K. Prikhod'ko, G.M. Sokol. Ortop., travm. i protez no. 6:35-39 '61.

FENCING

Tyshler, D.A. [Training the saber fencer] Trenirovka fekhtoval'shchika na sabliakh. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1961. 213 p.

FENTSIK, EVGENII ANDREEVICH

Characteristics of verbal forms used by E.A. Fentsik in his literary works. V.Y. Krainianytsa. Dop. ta pov. UzhDU, Ser. filol. no. 2:59-61 '58.

FERGANA—ANTIMONY ORES

Basic types of structures of ore fields and deposits of the mercury-antimony belt in southern Fergana V. P. Fedorchuk. Trudy IGEM no. 41-15-36 '61.

FERGANA—CORALS, FOSSIL

A new genus of rugose corals from middle Devonian deposits of southern Fergana. V. B. Gorianov Paleont. zhur. no. 1:70-74 '61.

FERGANA—GAS, NATURAL—GEOLOGY

Akramkhodzhaev, A.M. [Lithology of oil- and gas-bearing Cretaceous sediments of the Fergana Valley] Litologiia neftegazonosnykh melovykh otlozhenii Ferganskoi depressii. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, 1960. 430 p.

FERGANA—GEOLOGY, STRATIGRAPHIC

Presence of upper Permian continental sediments in southern Fergana. T.A. Sikstel. Trudy Uz. geol. upr. no. 1:29-38 '60.

Stratigraphy of Cambrian sediments in southern Fergana. B.V. Iaskovich Trudy Uz. geol. upr. no. 1:3-8 '60.

FERGANA—MERCURY ORES

Basic types of structures of ore fields and deposits of the mercury-antimony belt in southern Fergana. V. P. Fedorchuk. Trudy IGEM no. 41-15-36 '61

FERGANA—ORE DEPOSITS

Multistage distribution of low-temperature mineralization. V. P. Fedorchuk. Trudy IGEM no. 41:99-105 '61.

FERGANA—PALEOGEOGRAPHY

Methods for studying the paleogeography and facies of Jurassic sediments in Fergana. IU. V. Stankevich. Trudy Uz. geol. upr. no. 1:65-78 '60

FERGANA—PETROLEUM GEOLOGY

Akramkhodzhaev, A.M. [Lithology of oil- and gas-bearing Cretaceous sediments of the Fergana Valley] Litologiia neftegazonosnykh melovykh otlozhenii Ferganskoi depressii. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, 1960. 430 p.

FERGANA—POLYZOA, FOSSIL

Early Devonian polyzoans from southern Fergana M. B. Orlovskii. Paleont. zhur no. 1 95-101 '61

FERGANA—PTERIDOSPERMAE

Members of Gigantopteridae and some associated plants from the Madygen series of Fergana T. A. Sikstel' Paleont. zhur no 1 151-158 '61

FERGANA—RUNOFF

Variability of sources of runoff feeding some rivers of the Fergana Valley E. V. Petrishova Izv. AN Kir. SSR Ser. est. i tekh. nauk 2 no 4 35-47 '60

FERMI SURFACES

Gigantic quantum oscillations of sound absorption by metals in a magnetic field [with summary in English] V. L. Gurevich, V. G. Skobov, IU. A. Firsov Zhur. eksp. i teor. fiz. 40 no 3:786-791 Mr '61

Method of studying the energy state of electrons in metals by means of the positron-electron annihilation phenomenon. I. IA. Dekhtiar, V. S. Mikhalenko. Sbor. nauch. rab. Inst. metallofiz. AN URSR no. 12, 18-50 '61.

FERNS, FOSSIL see subdivision under Maritime Territory

FERRATES

Bardizh, V.V. [Methods for measuring the static and impulse properties of ferrate cores with rectangular hysteresis loops] Staticheskie i impul'snye svoistva ferritovykh serdechnikov s priamougol'noi petlei gisterezisa i sposoby ikh izmerenii. Moskva, In-t tochnoi mekhaniki i vychislitel'noi tekhniki Akad. nauk SSSR, 1961 62 p. (Elektronnye vychislitel'nye mashiny)

Continuous current spectrum during periodic reversal in the polarity of ferroelectric materials [with summary in English]. N. A. Andronova Izv. vys. ucheb. zav., radiofiz. 4 no. 1,96-103 '61

Efimov, I.A. [Study of the remagnetization time of ferromagnetic film-type elements] Issledovanie vremeni peremagnichivaniia ferromagnitnykh plenochnykh elementov. Moskva, In-t tochnoi mekhaniki i vychislitel'noi tekhniki Akad. nauk SSSR, 1961. 23 p. (Elektronnye vychislitel'nye mashiny)

Some properties of single crystals of Mg - Al-ferrites and their synthesis. M. V. Rozhdestvenskaia, O. S. Romanovskaia, E. K. IUr'eva Fiz. tver. tela 3 no. 8: 2342-2345 Ag '61

FERRATES—ELECTRIC PROPERTIES

One wave guide method for measuring the permeability of ferrites IU. A. Smirnov Uch. zap. Kulb. gos. ped. inst. no 29,97-102 '59

FERRATES—MAGNETIC PROPERTIES

Galvanomagnetic properties of lithium ferrite-chromite [with summary in English]. K. P. Belov, A. N. Goriaga, Lin' Czhanda [Lin Ch'ang-ta]. Zhur. eksp. i teor. fiz. 40 no. 3,752-756 Mr '61.

FERRATES—OPTICAL PROPERTIES

Magnetooptical properties of ferrite garnets in the infrared region [with summary in English]. G. S. Krinchik, M. V. Chetkin. Zhur. eksp. i teor. fiz. 40 no. 3:729-733 Mr '61

FERROELECTRIC SUBSTANCES

Crystallography of antiferroelectrics. L. A. Shuvalov, A. S. Sonin. Kristallografiia 6 no. 3:323-330 My-Je '61

First symposium on research on the production of ferroelectric and piezoelectric crystals. A. S. Sonin. Kristallografiia 6 no. 4:650-651 Jl-Ag '61.

FERROMAGNETIC RESONANCE

Demagnetization of a ferrite medium in a microwave field at large signal level. K. P. Ivanov. Izv. vys. ucheb. zav., radiotekh. 3 no 6 652-654 N-D '60.

Diamagnetic resonance theory. G. A. Beglashvili. Fiz. met. i metalloved. 12 no 1:16-19 Jl '61.

Effect of exchange forces on the stereoscopic splitting factor and on the width of absorption lines in ferromagnetic resonance. I. A. Deriuhyn. Visnyk Kyiv. un. no. 2 Ser. fiz. ta khim no 1 65-69 '59.

Instability thresholds during ferromagnetic resonance in single crystals of yttrium garnets. A. G. Gurevich, S. S. Starobinets. Fiz. tver. tela 3 no 7:1995-1998 Jl '61.

Theory of ferromagnetic resonance S. V. Tiablikov Fiz. tver. tela 2 no 2 361-368 F '60

Thermal fluctuations of magnetization in one-domain fractions and ferromagnetic resonance. I. A. Deriuhyn. Visnyk Kyiv. un. no 2. Ser. fiz. ta khim. no. 1:71-74 '59.

Various methods used in the application of the ferromagnetic resonance theory. IU. A. Izumov. Fiz. met. i metalloved. 12 no. 1:20-29 Jl '61.

FLOTATION
(see also subdivision under Balkhash, China)
Effect of slimes on the cationic flotation of oxidized minerals in lead-zinc ores A A Abramov Obog rud 6 no 1 9-16 '61
Electrokinetic diffusion thinning of liquid films [with summary in English] S S Dukhin Koll zhur 23 no 4 408-417 Jl-Ag '61
Flotation of antimony ores E P Stakhanova Obog rud 4 no 3 4-5 '59
Flotation of cassiterite; review of research carried out, S D Sukhovol'skaia Obog rud 4 no 1 3-7 '59
Flotation of Chiatura deposit manganese slimes. Z. S. Bogdanova, S I, Gorlovskii, L A Nechai. Obog rud 5 no 6 3-7 '60
Flotation of some minerals with alkyl sulfate. S, I, Mitrofanov, G I Sokolova Obog rud 3 no 6 12-15 '58
Flotation of sylvine by cationic collectors A A Zhelnin, L A Otrozhdennova Obog rud 4 no 2 6-8 '59.
Froth collapse in flotation plants. A L Platonov, S I. Pol'kin, IU A, Bykov Izv. vys. ucheb. zav , tsvet. met. 1 no. 4 30-32 '61.
Improving the procedure of separation by flotation of molybdenite bearing concentrates I N Shorsher. Obog. rud 5 no 2 11-16 '60
Improving the technology of dressing Dzhezkazgan copper-lead ores IU I Eroplin Obog rud 5 no 4 3-9 '60
"Introduction to the theory of flotation" by V I. Klassen, V. A. Mokrousov. Reviewed by A. B. Taubman Koll zhur 23 no. 4 509-510 Jl-Ag '61
Investigating the mechanism of the interaction of flotation reagents and minerals by means of infrared spectroscopy Obog rud 5 no 6 27-31 '60
Kinetics of copper sorption on zinc blends. N. M Bazanova, S I Mitrofanova. Obog. rud 6 no. 2 17-20 '61.
Methods of testing the susceptibility of lead-zinc ores to undergo dressing K. A Razumov, Chon Din Son Obog. rud 4 no. 1 8-13 '59
Phenomena of the aggregation of mineral particles in the pulp S. F Kuz'kin, S N. Zolin. Izv. vys. ucheb. zav , tsvet. met. 4 no 4 24-29 '61.
Reducing the loss of metals in the discharge of thickeners. I. N. Shorsher. Obog rud 3 no 6 50-52 '58
Reducing the loss of molybdenum in the separation of collective concentrates. I. N. Shorsher Obog rud 4 no 1 14-15 '59.
Reply to Professor S I Mitrofanov's letter "Speed and selectivity of the flotation of ilmenite " M A Evgelis, A. V Mash'lanova Obog rud 5 no 1 54-55 '60.
Separation by flotation of carbonyl residues, E. I. Maslenitskaia Obog rud 5 no 2 24-27 '60
Separation of a lead-copper concentrate with sodium sulfate and iron sulfate A. S Konev, K G. Bakinov Obog. rud 3 no. 6; 7-11 '58
Speed and selectivity of the flotation of ilmenite. S I Mitrofanov Obog. rud 5 no 1 52-53 '60
Stage flotation flowsheet for lead-bearing ores. Obog rud 4 no 2 3-5 '59

FLOTATION—EQUIPMENT AND SUPPLIES
Adoption of the flotation machine "Mekhanovr-7". E L. Melekhova. Obog rud 5 no 4 41-45 '60
Collectors on the basis of oxidation products of paraffin hydrocarbons. T. A Rogachevskaia. Obog rud 1 no. 3 21-23 '59
Concept of "the critical pH value" in flotation. I. A. Kakovskii, A. N. Grebnev. Obog. rud 4 no. 5 6-9 '59.
Depression of fluorite in the flotation of molybdenum ores. E. P Stakanova. Obog rud 5 no. 1, 49 '60.
Effect of soluble salts on the flotation of oxidized minerals with cation collectors. A. A. Abramov Obog rud 5 no. 6; 8-13 '60.
the flotation of small amounts of minerals rud 5 no. 1 46-48 '60
ffectiveness of cationic collec- Obog. rud 5 no. 5; 21-26 '60
isant action of cyanide bearing compounds during the separation of copper-lead-zinc products. V. IA. Khainman Obog. rud 4 no. 3 13-20 '59
Method of flotation froth breaking. E. I Kul'tin. Obog. rud 5 no. 1 49 '60.
Methods of investigating the sorption of flotation reagents by mineral mixtures. O. S. Bogdanov and others. Obog. rud 4 no. 5; 3-5 '59.
Nitronic acid salts as collectors in the flotation of oxidized ores. G. N. Shevtsova, I. N Shorsher. Obog. rud 4 no. 4, 7-9 '59.
Preparation of "IM" flotation oil. V. V. Rybkina Obog. rud 4 no 6 8-10 '59.
Use and manufacture of cation collectors. S I Gorlovskii. Obog. rud 5 no. 1 7-12 '60
Use of cationic collectors for the flotation of oxidized lead-zinc ore minerals. A. A Abramov. Obog. rud 5 no. 4 10-15 '60.
Use of high molecular organic depressants in the flotation of copper-nickel ores. I. I. Vaneev and others. Obog. rud 6 no. 2; 3-8 '61.
Use of liquid scintillation counters to determine the sorption of flotation reagents. N. S. Mikhailova, V. IA. Khainman, N. A. IAnis. Obog. rud 6 no. 5; 28-41 '60
Use of nontoxic frothers for the flotation of copper-nickel sulfide ores I I Vaneev, A. F Lazarevskii. Obog. rud 5 no 1 15-16 '60

FLOUR
Surface active properties of phosphatide concentrate in interaction with flour, gluten, and starch L IA Auerman, L I Puchkova, L V. Lazareva Izv vys ucheb zav , pishch tekh no 4 75-76 '61

FLOUR MILLS
(see also subdivision under Hungary)
Vorontsov, O. S. [Elevators, granaries, and grain processing enterprises] Elevatory, sklady i zerno-pererabatyvaiushchie predpriiatiia. Pod red. O. D. Shumskogo i P. P. Tarutina Moskva, Izd-vo tekhn. i ekon. lit-ry po voprosam khleboproduktov, 1.
Pt. 1 [Types, constructional features and operation] Tipy i konstruktsii sooruzhenii i ikh ekspluatatsiia. 1961. 269 p.

FLOWMETERS
Measuring the flow of a two-phase current by means of a Ventury tube. A. A. Shatil'. Izm. tekh. no. 9 46-48 S '61.

FLOWMETERS—TESTING
Unit for determining frequency characteristics of differential manometer-type flowmeters. M A Gol'dinov. Izm. tekh. no. 9 49-51 S '61.

FLUID DYNAMICS
Aerohydrodynamic forces acting on a circular cylinder vibrating in a flow. S. G. Popov, G A Savitskii Vop. mekh. no. 193 72-92 '61.
Application of the entropy method for determining the displacement thickness for adiabatic flow in a supersonic nozzle [with summary in English] A. A Gukhman, A. F. Gandel'sman. Inzh.-fiz zhur. 4 no 9 73-75 S '61.
Calculation for the mixing of a flowing gas and a fluid. V. M. Datskovskii, G. P. Verkhivker, O. D. Lagutkin Teploenergetika 8 no. 9; 92-93 S '61
Determining the amount of liquid carried away from the surface of a film by a gas flow [with summary in English]. L IA Zhivaikin, B P Volgin. Inzh.-fiz zhur 4 no 8 114-116 Ag '61
Determining the free settling velocity of solids in liquids. D. N. Lifland. Obog. rud 4 no. 5 10-14 '59.
Effect of the density of a medium in a cavity on the characteristics of cavitation flow [with summary in English] M A Peshkin Inzh.-fiz zhur 4 no. 9 116-118 Mr '61
Interaction of a liquid flow and the surrounding medium [with summary in English]. G. N Sirov Inzh. fiz. zhur 4 no. 7 113-116 Jl '61.
Interaction of an annular wing and the body considering the compressibility of fluid A. F. Moiseenko Izv vys. ucheb. zav. ; av. tekh 4 no 3 183-190 '61
Method for investigating the boundary layer in a working section of a new type [with summary in English] A. M. Mkhitarian and others Inzh.-fiz zhur 4 no. 9 12-16 S '61
Movement of a sphere under the surface of a heavy fluid. E. A. Kurlovich. Vop. mekh. no. 193 157-170 '61.
Nature of the movement of heat in fluids. Part 2 [with summary in English]. A S. Predvoditelev. Inzh. fiz. zhur. 4 no 7; 3-10 Jl '61.
Study of the gas dynamics relative to long blades in static conditions B I Gerashchenko Energomashinostroenie 7 no. 5 20-22 My '61.
Turbulent convective jet above a heat source. I. A. Shepelev Izv. AN SSSR. Otd. tekh. nauk Mekh. i mashinostr. no. 4 3-9 Jl-Ag '61
Using the system of potential ideal fluid flow in calculating air flow with an area of back currents B. G Khudenko. Izv. vys. ucheb. zav. ; av. tekh 4 no 3; 113-126 '61.

FLUID MECHANICS
Solution of some problems of nonstationary seepage with the aid of the EGDA integrator. V. T. Chernoval. Ukr mat. zhur 13 no. 2; 235-239 '61.

FLUIDIZATION
Effect of the principal parameters of the "fluidized" bed process on the effectiveness of isobutane dehydrogenation. V. S. Aliev, A. F. Azizov. Azerb khim. zhur no. 4, 27-34 '60.
Hydrodynamic characteristics of the fluidization of granular materials in conical apparatus. N. I Gel'perin, V G. Ainshtein, L. P. Timokhova. Khim. mash. no. 4; 12-15 Jl-Ag '61.
Mathematical simulation of the dynamics of certain processes in fluid bed apparatus [with summary in English]. V. M. Eliashberg, I. A. Burovoi. Inzh. fiz zhur. 4 no. 7; 96-104 Jl '61.
Movement of reacting solid particles [with summary in English]. D. M. Apter, Z. F. Chukhanov. Inzh -fiz zhur 4 no. 3 26-30 Mr '61
Similarity conditions and hydrodynamic features of a transient state of pseudoliquefaction [with summary in English] N B Kondukov. Inzh.-fiz. zhur. 4 no. 3; 31-38 Mr '61.

FLUIDIZATION—CONGRESSES
First International Conference on Fluidization Proc. Khim prom no 8 509-590 Ag '61.

FLUIDIZATION—DENSITY
Measuring density pulsations in a fluidized bed [by] V. I. Gupalo and others Izv. AN SSSR. Otd. tekh. nauk. Metallurgiia i topl no 4 123-127 Jl-Ag '61

FLUORENE
Chemistry of fluorene Part 1 New derivatives of fluorene A. F. Kretov, V. V. Litvinov Zhur. obshch. khim. 31 no 8 2585-2593 Ag '61.

FLUORESCENCE
Effect of temperature and viscosity on the polarization of fluorescence in phthalimides A. M. Saporzhenko Opt. i spektr 10 no 5 621-626 My '61.
Fluorescence curves of phosphors with comparable lengths of stay of electrons in traps of various kinds V. V. Antonov-Romanovskii Opt. i spektr. 10 no 5 611-648 My '61
Fluorescent analysis of flotation waste waters. I. V. Leonchenkova Obogr. rud 5 no 1 24-25 '60
Luminescence of the sea. O. Gomazkov. Ilia. nat. no 8 13-14 S '61.
Maximum polarization of the fluorescence of [illegible] G. P. Gurinovich, A. N. Sevchenko, K. N Solovlev Opt. i spektr 10 no 6 750-758 Je '61.
Secondary fluorescence of rhodamine C. I. A. Kitaigorodskii Dokl AN BSSR 5 no 8; 331-335 Ag '61

FLUORESCENCE MICROSCOPY
Effect of injury of primary and secondary fluorescence in algae V V Mel'nikova Izv. Otd. estestvennykh nauk AN Tadzh SSR no. 1 15-28 '60

FLUORESCENT LIGHTING
Fluorescent lighting P. Fetisov. Pozh. delo 7 no 8 7 Ag '61.
Fluorescent lighting with relay control IA. B Gokhman Poligr. proizv. no. 7 21 Jl '61
Is fluorescent lighting harmful to eyesight? I. I. Rinkevich Energetik 9 no. 4; 33-34 Ap '61

FLUORIDES—OPTICAL PROPERTIES
Transparency of mixed $CaF_2 - SrF_2$ and $SrF_2 - BaF_2$ single crystals and the effect of gamma-radiation on them. E G. Chernevskaia Opt. i spektr 10 no 5 640-644 My '61.

FLUORINE
Fluorine-containing elastomers. S. N Borisov, Kr. [illegible] rev. 20 no. 6 16-20 Ag '61.

FLUORINE—TOXICOLOGY
Effect of sodium fluoride on the activity of intestinal enzymes in sheep V. G. Loshilova. Trudy Kirg. otd. Vses. fiziol. ob-va I no. 1 91-99 '60.

FLUORITE
(see also subdivision under Transbaikalia)
Rare earths in fluorites. O. G. Korlova Izv. vys. ucheb. zav , geol. i razv 4 no 7 75-77 Jl '61.

FLUOROCARBONS
α,ω-Perfluorodiolefins and some of their transformations I L Knunyants, Li Dzhi-tuan', V. V Shokina Izv. AN SSSR. Otd khim. nauk no 8 1462-1468 Ag '61

FLUOROSCOPIC DIAGNOSIS see Diagnosis, Fluoroscopic

FLUTTER (AERODYNAMICS)
Calculating the flutter of a towed glider taking three degrees of freedom into consideration. Z I. Burman Izv. vys. ucheb. zav , av. tekh. 4 no. 3; 144-152 '61
Nonlinear vibrations of an airplane wing during a flight in bumpy air. V. V. Babykin, IU. M. Romanovskii Izv. AN SSSR Otd. tekh. nauk. Mekh. i mashinostr no 4 83-90 Jl-Ag '61

FLUX (METALLURGY)
Making AN-8-type flux from AN-348A and AN-30 fluxes. A. V. Bystrov, A. P. Shalimov, A. K. Shaban. Svar. proizv. no. 9 28 S '61.

FLY ASH
Kinetics of zinc volatilization from metallurgical dusts during their treatment by the Waelz process. V. V. Fokin, V. I Smirnov. Izv. vys. ucheb. zav. ; tsvet. met. 4 no. 4; 57-62 '61.
Studying the behavior of nonferrous and rare metals during the treatment of furnace dusts by the Waelz process. V. V. Fokin, V. D. Mishin, V. I. Smirnov. Trudy Alt. GMNII AN Kazakh. SSR 11; 21-25 '61.

FLYING-MACHINES
Engineering abroad. Grazhd. av. 18 no. 8; 30 Ag '61

FM RADIO see Radio frequency modulation

FOAM
Some data on the rate of mechanical evaporation from the water surface. P. A. Volkov. Trudy Inst. okean. 37 149-154 '60.

FOAM RUBBER—TESTING

Testing foam rubber mixtures on the PRGS-2 device. D. L. Fedlukin, Iu. Z Grasiuk. Trudy Nauch -issl inst. shin. prom no. 7 148-153 '60

FOEHN see subdivision under Carpathian Mountain region

FOG
(see also subdivision under Sumy region)
Characteristics of fog according to the data of aerostat soundings at Dolgoprudnyy N V Petrienko Trudy TSIP no 81-3-17 '61

FOLDING MACHINES
Letter from the industry A A Mil' Poligr. proizv no 7:17-18 Jl '61

FOLDS (GEOLOGY) see subdivision under Apsheron Peninsula; Kyzyl Kum

FOLIC ACID
Chromatographic and electrophoretic study of the formation reaction of folic acid and some simple pterins V M Berezovskii, A M Iurkevich, I K Krivoshcina Zhur ob. khim 31 no 8 2782-2786 Ag '61.

FOLK POETRY, KOMI
Mikushov, A. K. [Komi literature and folk poetry] Komi literatura i narodnaia poeziia. Syktyvkar, Komi knizhnoe izd-vo, 1961. 126 p.

FOLK SONGS
Elyseev, Theodore. [Songs of Kuban Cossacks] Pesni Kubanskikh kazakov. New York.
Nos. 1-2. 1960.
(NN)

FOLK SONGS, AUSTRALIAN
Australia sings Aleksei Surkov. Ogonek 30 no 26-27 Je '61

FOLK SONGS, KAZAKH—HISTORY AND CRITICISM
The folk song "Karatoudyn basynan kosh keledi" [in Kazakh with summary in Russian] Zh Duskaraev Izv AN Kazakh SSR. Ser. filol i istk no 2 34-41 '61

FOLKLORE
Korotin, E. [The life of common folk and their art; collected works and studies on the folklore by D. M. and Iu. M. Sokolov] Zhizn' naroda i ego tvorchestvo; sobranie i izuchenie fol'klora B. M. i Iu. M. Sokolovymi. Ural'sk, Ural'skii gos. pedagog. in-t im. A. S. Pushkina, 1960. 74 p.
(MH)
[What the people say about religion; based on materials of Russian, Ukrainian and White Russian folklore] Narod o religii; na materialakh russkogo, ukrainskogo i belorusskogo fol'klora Moskva, Gos. izd-vo polit. lit-ry, 1961. 311 p

FOLKLORE—BIBLIOGRAPHY see Bibliography—Folklore

FOLKLORE, BURYAT
The role of Russian folklorists in the study of Buryat folklore. L E Elinov Trudy BKNII no 1 134-138 '59

FOLKLORE, BURYAT—THEMES, METHODS, ETC.
The theme of Russo-Buryat friendship in Buryat folklore. A. Ulanov Trudy BKNII no. 1 130-133 '59.

FOLKLORE, CHINESE
"Legends about the great wall and Chinese folklore" by B I Riftin Reviewed by A. N. Zhelokhovtsev. Nar Azii i Afr. no. 2:211-213 '61

FOLKLORE, TURKMEN
Basic cultural traditions in Turkmen folklore [with summary in English] Kh Kor-Ogly. Vest. ist. mir. kul't. no. 4:56-66 Jl-Ag '61.

FOOD
(see also subdivision under Ukraine)
Investigation of water sorption isotherms in food products. G A. Egorov. Izv. vys. ucheb. zav., pishch. tekh. no. 3: 3-6 '60

FOOD—DRYING
Comments on A. S. Ginzburg's monograph "Drying of foodstuffs." A. A. Mikhelev, M. F. Kazanskii, V. P. Dushchenko. Inzh.-fiz. zhur. 4 no 9:132-133 S '61

FOOD—PRESERVATION
Dubrova, G. B. [Using antibiotics for the preservation of food products] Primenenie antibiotikov dlia sokhraneniia pishchevykh produktov. Moskva, Gos. izd-vo torg. lit-ry 1961. 87 p.

FOOD—PRICES
Mark up in public food service. V. Roizman. Sov. torg. 34 no. 8:51-53 Ag '61.

FOOD, CANNED
Food for tourists. N. V. Rumova, E. N. Volkov, K. A. Stepchkov. Kons. i ov. prom. 16 no. 9:23-25 S '61.
Out-of-season production of canned and frozen food. B G. Rubailo Izv. vys. ucheb. zav., pishch tekh no 4, 95-99 '61.
Reduce the great variety of grades in canned food. M. V. Sal'seva and others Kons i ov. prom 16 no 6:34 Je '61)
Tasting dishes prepared of semiprocessed food Obshchestv pit. no 6:26-27 Je '61

FOOD, CANNED—ANALYSIS
Burning samples of canned food in order to establish their tin content. A P Guryiev. Kons i ov prom 16 no 6:34-36 Je '61
Rapid method for determining copper in canned food. V. P. Sagakova, A. I. Liubivala. Kons. i ov. prom. 16 no. 9 35-37 S '61.

FOOD, CANNED—STERILIZATION
Calculation of heating time in sterilizing canned food in a hot air steam M S Aminov. Izv vys ucheb. zav., pishch tekh no 4 120-123 '61
Sterilization of canned food in a continuous hydrostatic sterilizer. M. S. Mordkovich and others Kons. i ov. prom. 16 no. 9 13-19 S '61

FOOD, CONCENTRATED
For a greater variety of food concentrates. E. N. Volkov and others Trudy VNIIKOP no 10:115-120 '59
Freeze-dried meat as a semiprocessed product for manufacturing food concentrates. L P Khakhina, I A Ivleva Trudy VNIIKOP no 10:82-108 '59
Improved processing of peas and cereals in manufacturing food concentrates. A. N Romanov, and others Trudy VNIIKOP no 10 16-29 '59.
Industrial production of dried meat, a semiprocessed product for food concentrates G A Ivanova and others Trudy VNIIKOP no 10:109-115 '59
New types of fats used in the concentrated food industry E G Chinenova, M I. Minkvits Trudy VNIIKOP no 10:163-172 '59
Oat groats and millet as raw material for manufacturing concentrated food A M Prokof'eva Trudy VNIIKOP no 10 61-81 '59
Pea concentrates which do not need cooking E. N Volkov, O V Verkhoshanskaia. Trudy VNIIKOP no 10:3-15 '59
Standard processing procedure for manufacturing food concentrates A N Romanov and others. Trudy VNIIKOP no. 10:42-50 '59
Vegetable and vegetable-cereal concentrates. A. M Prokof'eva Trudy VNIIKOP no 10:126-132 '59.

FOOD, DRIED see subdivision under Dnepropetrovsk

FOOD, FROZEN
Out-of-season production of canned and frozen food B G Rubailo. Izv. vys. ucheb. zav., pishch. tekh no.4 95-99 '61.

FOOD HABITS OF ANIMALS see Animals, Food habits of

FOOD INDUSTRY
(see also subdivision under Armenia; Kishinev)
Fifth Plenum of the Central Board of the Scientific and Technical Society of the Food Industry V. D Pugovkin. Kons. i ov. prom. 16 no. 7:38-40 Jl '61.
Introducing the general scientific bases of the food industry to secondary school students. A. G. Kochetova Shkola i proizv. 5 no. 6:18-25 Je '61.

FOOD INDUSTRY—EMPLOYEES
Qualified technicians are on their way. L. Sergeev. Obshchestv. pit no. 6:38-39 Je '61.

FOOD INDUSTRY—EQUIPMENT AND SUPPLIES
New method of heating steam cookers. I. El'kin, B. Kharmats. Obshchestv pit no 6:32-36 Je '61

FOOD POISONING
Alimentary toxic infections and their prevention. K. S. Petrovskii. Voen.-med. zhur. no. 5-48-53 My '61.
Case of severe alimentary toxic infection resembling cholera. I. V. Martynov. Voen.-med. zhur. no. 5 66-67 My '61.
Case of staphylococcal alimentary intoxication. B. F. Sidorenko Voen.-med zhur. no. 6:48-49 Je '61.

FOOD PRESERVATION
Improve the organization of perishable goods transportation. S. N. Kochetov, M. S. Martynov. Zhel. dor. transp. 43 no. 8 30-34 Ag '61.

FOOT
Load distribution on the foot in standing and walking. (Electrodynamographic studies). N. P. Chernina, V. P. Davydova, V. I. Koriukin. Ortop., travm. i protez. no. 7:40-45 '61.

FOOT—WOUNDS AND INJURIES
Surgical treatment in a case of severe bilateral deformations of the feet following burns. N. I. Zinov'ev. Ortop., travm. i protez. no. 7:60-61 '61.

FOOT-GEAR see Boots and shoes

FORAGE PLANTS
(see also subdivision under Ashkhabadskiy District)
Andreev, N. G. [Feed supply] Kormovaia baza. Moskva, Izd-vo "Znanie," Vses. ob-va po rasprostraneniiu polit i nauchn. znanii, 1961. 37 p. (Narodnyi universitet kul'tury Sel'skokhoziaistvennyi fakul'tet, no. 6)
(DA)
Fallow crops in dry farming areas of South Kazakhstan Province. K. Kerimbekov. Vest. sel'khoz. nauki [Kazakh.] 4 no. 3 30-32 Mr '61
Vsesoiuznaia akademiia sel'skokhoziaistvennykh nauk imeni V. I. Lenina. [Zonal division of forage plants in the U. S. S. R.] Organizatsiia kormoproizvodstva po zonam SSSR. Pod red I. V. Larina, A. P. Moyseichantsa, B. A. Karunina. Moskva, Izd-vo M-va sel'khoz. SSSR, 1960. 322 p.
(CU)

FORAMINIFERA, FOSSIL
(see also subdivision under Azerbaijan, Daghestan; Kamchatka, Khmel'nitskiy Province; Russian Platform, Ukraine, Ural Mountains)
Genus Operculinoides Hanzawa B T Golev Vop mikropaleont no 5 112-120 '61
Some problems in the systematics of Quanlendolhyia E A Reitlinger Vop mikropaleont no 5 31-68 '61
Systematics and phylogeny of the genera Thalmanninella and Rotalipora (Foraminifera). N. I Maslakova. Paleont zhur. no 1:50-65 '61.
Systematics of Parathuramina O V Ilfeiev. Vop mikropaleont no 5 121-127 '61.
Taxonomic significance of some specific features of the wall microstructure and chamber structure in milioline shells M. IA Serova Vop mikropaleont no 5 128-131 '61
Undulating wall in some Fusulinella T. N. Nikitina Vop mikropaleont. no 5 143-146 '61
Wall structure in some Meso-Cenozoic lagenids K I Kuznetsova Vop mikropaleont no 5 135-142 '61

FORCE AND ENERGY
Application of thermionic emission for direct conversion of heat into electric energy N. D Morgulis, A G. Naumovets Fiz. tver. tela 2 no 3 547-549 Mr '60

FORECASTING, WEATHER see Weather forecasting

FOREIGN TOURISTS see Tourists, Foreign

FORENSIC PSYCHIATRY
Alimov, Kh. A. [Clinical aspects of conditions resembling psychopathic states following infectious meningoencephalitis and their evaluation by forensic psychiatry] Klinika psikhopatopodobnykh sostoianii posle infektsionnykh meningo-entsefalitov i ikh sudebno-psikhiatricheskaia otsenka. Tashkent, Medgiz UzSSR, 1960. 116 p.
(DNLM)

FOREST ECOLOGY
(see also subdivision under Gyumey region, Urmi Valley)
Changes in the mass of needles and leaves in spruce and mixed spruce-deciduous stands of the middle taiga as related to their age. V. V. Smirnov. Trudy Lab. lesoved. 3:235-263 '61
Forest on a stump. F. Samusev. IUn. nat. no. 9:38 S '61.
Mycological characteristics of forests in the middle Vorskla Valley [with summary in English]. A. S. Bukhalo. Ukr. bot. zhur. 18 no. 4:113-120 '61.
Phenomena of succession reversion and their significance for the solution of some problems concerning the dynamics of the forest cover in the taiga zone V. G. Korpov Dokl AN SSSR 130 no. 5 1242-1245 Ag '61.

FOREST INFLUENCES
Consideration of physicogeographical factors in estimating the effect of forests on annual runoff in river basins P. F. Idzon Trudy Lab. lesoved 3 130-150 '61
Effect of afforestation and agricultural practices on snow water runoff from slopes in the Kamennaya Steppe A. V. Rudometov. Shor. rab Kursk. gidrometeor obser. no 1 39-51 '60.
Effect of forest shelter belts on forests in the Kamennaya Steppe V. I. Dugintov. Shor rab. Kursk gidrometeorobser no 1 52-59 '60.
Influence of forest belts and the nature of land utilization in fields on the insect fauna of interbelt areas [with summary in English]. N. M. Pshenichnikova Zool. zhur. 40 no. 9:1364-1377 S '61.
Investigation of the effect of forests on ground water. N. S. Birlukov. Trudy Lab. lesoved. 3:115-135 '61
Molchanov, A. A. [Forest and climate] Les i klimat. Moskva, Izd-vo Akad. nauk SSSR, 1961. 277 p.

FOREST INSECTS
Kozarzhovskaia, E. F. [Manual on injuries to tree and shrubbery fruits and seeds in the steppe zone of the European S. S. R.] Opredelitel' povrezhdenii plodov i semian derev'ev i kustarnikov stepnoi zony evropeiskoi chasti SSSR. Moskva, Goslesbumizdat, 1961. 29 p.
(DA)

FOREST INSECTS—IDENTIFICATION

Padii, N.N. [Brief guide to pests feeding on needles and leaves] Kratkii opredelitel' khvoe-i listogryzushchikh vreditelei. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 78 p.
(DA)

FOREST LITTER

Seasonal and annual dynamics of the amount of forest litter in principal beech forest types and its effect on soil formation and forest reproduction. M. G. Zangiev. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 6, 11-20 '61.

FOREST MANAGEMENT

Kotov, A. I. [Principles and particular aspects of forest management] Ob osnovakh lesoustroistva i ego osobennostiakh. Kiev, Izd-vo Ukr. Akad. sel'khoz. nauk, 1961. 118 p.
(DA)

FOREST NURSERIES

Litsin, S. S. [Forest nurseries] Lesnye pitomniki. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 255 p.
(DA)

FOREST PRODUCTS

Adventures of a log. B. Rozen. Sem'ia i shkola 16 no. 7, 34-35 Jl '61.

Effect of calcium carbonate on the physicomechanical properties of a calcined wood crock. N. Normukhamedov, F. Kh. Tadzhiev. Uzb. khim. zhur. no. 4, 79-84 '61.

FOREST REPRODUCTION see subdivision under Ukraine

FOREST SOILS see subdivision under Kura Lowland

FOREST THINNING

Changes in microclimatic conditions due to the effect of improvement cuttings in mixed deciduous-spruce stands. V. V. Protopopov. Trudy Lab. lesoved. 3:68-92 '61.

FORESTRY LAW AND LEGISLATION

Kolbasov, O. S. [Protection of nature in Soviet law] Okhrana prirody po sovetskomu zakonodatel'stvu. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 74 p.

FORESTS AND FORESTRY
(see also subdivision under Kazakhstan, Kaluga Province; Tselinograd Province)

Alferov, L. A. [Forest is our country's wealth] Les - bogatstvo nashei strany. Moskva, Izd-vo "Znanie," 1961. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Biologiia i meditsina, no. 15)

Il'in, G. P., and A. V. Usanov. [Machinery and equipment for the reforestation of cutover areas] Mashiny i orudiia dlia sozdaniia lesnykh kul'tur na vyrubkakh. Moskva, Goslesbumizdat, 1961. 95 p.
(DA)

To live one life with forest. Gennadii Grigor'ev. Sem'ia i shkola 16 no. 7:26-28 Jl '61.

FORESTS AND FORESTRY—MENSURATION

Reciprocal relation between the diameters of trees at chest height diameters of their crown in various types of birch plantations in Northern Kazakhstan. T. H. Tokmurzin. Vest. sel'khoz. nauki [Kazakh.] 4 no. 5: 81-83 My '61.

FORGE SHOPS—EQUIPMENT AND SUPPLIES

New loading device for holding furnaces. L. M. Degtiarev and others. Kuz.-shtam. proizv. 3 no. 8, 40 Ag '61.

4000-ton, NKMZ
'erevoschikov,
-shtam proizv

Changing production procedures for chain links. D. L. Rutman, V. A. Makarenko. Sbor. rats. predl. vnedr. v proizv. no. 5, 32 '60.

Experimental investigation of coefficients of friction in upsetting. A. A. Vinnitskii, A. A. Presniakov. Trudy Inst. fiz. AN Kazakh. SSR 4:116-121 '61.

Potentials for metal economy in forging. A. S. Kon'kov. Kuz.-shtam. proizv. 3 no. 8:13-20 Ag '61.

Roll forging of fitting tools. F. P. Alekseenko, K. M. Kaufman. Kuz.-shtam. proizv. 3 no. 8, 26-28 Ag '61.

Unksov, E. P., ed. [Present state of the forging industry] Sovremennoe sostoianie kuznechno-shtampovochnogo proizvodstva [By] Kollektiv sovetskikh i chekhoslovatskikh avtorov. Moskva, Mashgiz; Prague, SNTL, 1961. 434 p.

FORGING—DEFECTS

Mechanism of and conditions for the appearance of the "forging cross." I. IA. Tarnovskii, Liu Khai-kuan' [Liu Hai-k'uan], V. N. Trubin. Izv. vys. ucheb. zav., chern. met. 4 no. 7:112-120 '61.

FORGING MACHINERY
(see also subdivision under Czechoslovakia)

The AA715 automatic wire nail making machine. I. I. Sak-Sakovskii. Biul. tekh.-ekon. inform. no. 7:34-35 '61.

Forging and pressing equipment. A. A. Bocherov. Biul. tekh.-ekon. inform. no. 8, 28-30 '61.

Making forgings by pressing on horizontal forging machines. L. A. Rabinovich. Kuz.-shtam. proizv. 3 no. 8:8-13 Ag '61.

Semiautomatic machine for the edge knurling of scraper-conveyer pins. M. E. Treshchanskii, B. D. Zlobin. Kuz.-shtam. proizv. 3 no. 8, 41-45 Ag '61.

FORGING MACHINERY—FOUNDATIONS

Structural defects in the arrangement of foundations for pneumatic forging hammers. N. D. Kuznetsov. Kuz.-shtam. proizv. 3 no. 8, 45 Ag '61.

FORGING MACHINERY—MAINTENANCE AND REPAIR

Reconditioning blades of automatic bolt-forging machines. I. M. Dement'ev, V. G. Babikov. Sbor. rats. predl. vnedr. v proizv. no. 5, 11 '60.

FORK LIFT TRUCKS

Electric fork lift truck. A. IU. Gol'dshtein. Biul. tekh.-ekon. inform. no. 8, 77-79 '61.

FORMALDEHYDE

Room disinfection by means of chemical sublimation of formaldehyde and chlorine. F. T. Korovin and others. Voen.-med. zhur. no. 6, 49-51 Je '61.

FORMAMIDE

Density of N-methylformamide. IU. I. Sinitskov and others. Izv. AN SSSR. Otd. khim. nauk no. 8, 1514-1515 Ag '61.

FORMATES

Effect of gamma irradiation on the synthesis of desoxyribonucleic acid in isolated cell nuclei of the thymus gland. Report No. 1: Incorporation of formate-S^{14} and adenine-C^{14} into nitrogenous bases of desoxyribonucleic acid of isolated nuclei. E. V. Budilova. Radiobiologiia 1 no. 3:333-335 '61.

FORTIFICATIONS, OLD see subdivision under Malta

FOUNDATIONS
(see also subdivision under Vladivostok; White Russia)

Berezantsev, V. G., ed. [Soil mechanics and foundation engineering] Mekhanika gruntov, osnovaniia i fundamenty. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 339 p.

Calculating the final settlings of structures, taking into account the weight of the soil itself and its compression properties. B. S. Degil'. Sbor. nauch. rab. Inst. bud. i arkhit. AN BSSR no. 4:78-91 '60.

Courses of technological progress in foundation construction. Osn., fund. i mekh. grun. 3 no. 4:1-2 '61.

Depth for laying foundations in districts of deep seasonal freezing. B. I. Dalmatov, V. M. Karpov. Osn., fund. i mekh. grun. 3 no. 4:3-5 '61.

Determining foundation settling by integrating the stress diagram. I. Rozenfel'd. Stroi. i arkhit. 9 no. 8:30-32 Ag '61.

Distribution of stresses and displacements in foundations of finite thickness. K. E. Egorov. [Trudy] NIIOSP no. 43:42-63 '61.

Model studies on the deformation of foundations of rigid structures under conditions of a plane problem. A. IA. Medvedev. [Trudy] NIIOSP no. 43:64-72 '61.

Plotting the curve of reactive pressures under a rigid foundation on the basis of a mixed elastoplastic problem. E. K. Sedykh. Osn., fund. i mekh. grun. 3 no. 4: 13-15 '61.

Problems of planning and building on loess soils. V. A. Zurnadzhi. Osn., fund. i mekh. grun. 3 no. 4:28-29 '61.

Rubinshtein, A. L. [Soil mechanics research and foundation engineering] Gruntovedenie, osnovaniia i fundamenty. Moskva, Gos. izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 311 p.

Shagin, P. P. [Stability of frameless apartment houses made of precast elements on highly or irregularly compressed soils] Prochnost' i ustoichivost' beskarkasnykh zhilykh zdanii iz sbornykh elementov na sil'no i neravnomerno szhimaemykh gruntakh. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 119 p.

Simplified calculation of the probable settling of buildings planned in conformity with Standards and Technical Specifications 127-55. V. K. Silkin. Osn., fund. i mekh. grun. 3 no. 4:23-24 '61.

Study of the coefficients of an elastic foundation with two characteristics. I. A. Mednikov. Osn., fund. i mekh. grun. 3 no. 4:15-18 '61.

FOUNDATIONS—BIBLIOGRAPHY see Bibliography—Foundations

FOUNDATIONS—CONGRESSES

Conference on problems of frost heave in soils. Osn., fund. i mekh. grun. 3 no. 4:21 '61.

FOUNDATIONS—MODELS

Displacement trajectories of sand grains under models of continuous footings. M. Sh. Mintskovskii. Osn., fund. i mekh. grun. 3 no. 4:10-12 '61.

FOUNDING

Dubinin, N. P., ed. [Steel casting; foundryman's handbook] Stal'noe lit'e; spravochnik dlia mastera liteinogo proizvodstva. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 887 p.

FOUNDRIES—EQUIPMENT AND SUPPLIES

Molds for large ingots. Sbor. rats. predl. vnedr. v proizv. no. 5, 13-16 '60.

Sprayer for lubricating ingot molds. A. V. Petrov. Sbor. rats. predl. vnedr. v proizv. no. 5, 16, 17 '60.

Treating internal surfaces of ingot molds with a graphited-metal paste. A. V. Motanyi and others. Sbor. rats. predl. vnedr. v proizv. no. 5, 17 '60.

FOUNDRY SAND see Sand, Foundry

FOURIER SERIES

Approximation of class Z_α functions by positive methods of summation of Fourier series. L. I. Bausov. Uch. zap. mat. nauk 16 no. 3, 113-119 My-Je '61.

Convergence of Fourier's series toward ∞. A. A. Talalian. Izv. AN Arm. SSR. Ser. fiz.-mat. nauk 14 no. 3, 35-41 '61.

Divergent Fourier series. P. L. Ul'ianov. Uspekhi mat. nauk 16 no. 3:61-142 My-Je '61.

Fourier integral from the minimum phase function, and the signs of structural amplitudes. V. I. Simonov, Z. G. Shchedrin. Kristallografiia 6 no. 3, 363-374 My-Je '61.

One inequality in Fourier's integral theory. K. I. Oskolkov. Izv. AN SSSR. Ser. mat. 25 no. 4, 531-542 Jl-Ag '61.

FOURIER TRANSFORMATIONS

Application of Fourier's method of analysis to the interpretation of X-ray photographs of strongly oriented materials with a mixed laminated structure. IU. S. Dinaburg. Kristallografiia 6 no. 4, 621-625 Jl-Ag '61.

FRACTIONS, CONTINUED

Khinchin, A. IA. [Continued fractions] TSepnye drobi. Izd. 3. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 111 p.

FRACTURES

Conservative treatment of fresh closed long fractures. L. I. Shulutko. Ortop., travm. i protez. no. 7, 14-15 '61.

Moscow. TSentral'nyi institut usovershenstvovaniia vrachei. [Actual problems in orthopedics and traumatology] Aktual'nye voprosy ortopedii i travmatologii. Pod red. N. L. Rutkevicha. Moskva, 1960. 197 p.
(DNLM)

FRANCE—AUTOMOBILES

French "Ami-6" miniature automobile. Za rul' 15 no. 7, 28 Jl '61.

FRANCE—BOMBERS

"Mirage" IV bomber. Vest. Vozd. Fl. no. 7, 92-93 Jl '61.

FRANCE—CIVIL LAW

Juillot de la Morandière, Léon Francis. [French civil law. Translated from the French. Preface by E. A. Flishits] Grazhdanskoe pravo Frantsii. Moskva, Izd-vo inostr. lit-ry.
Vol. 3. 1961. 748 p.

FRANCE—COLONIES

Isaak Razilli's memorandum on French colonization, 1626. Translated from the French. Ist. arkh. no. 20, 325-340 '61.

FRANCE—COMMUNIST PARTY

Kunina, M. L., and V. D. Markova. [How the French Communists struggled for the popular front from 1934 to 1936] Kommunisty Frantsii v bor'be za narodnyi front, 1934-1936 gg. Moskva, Gos. izd-vo polit. lit-ry, 1961. 207 p.

FRANCE—DESCRIPTION AND TRAVEL

Travel with Monsieur Thomas. A. Sofronov. Ogonek 39 no. 33, 21-24 Ag '61.

Travel with Monsieur Thomas. A. Sofronov. Ogonek 39 no. 35, 25-28 Ag '61.

FRANCE—ECONOMIC CONDITIONS

Everyone of them dreams. A. Krivopalov. Vokrug sveta no. 8, 6-9 Ag '61.

FRANCE—FOREIGN RELATIONS—TUNISIA

Between two fires. Nov. vrem. 19 no. 35, 2-3 S '61.

FRANCE—LABOR AND LABORING CLASSES

How the workers of French manufactories based their labor struggled with their employers in the second half of the 17th century. IU. K. Novozhilov. Sbor. trud. Arkh. gos. ped. inst. no. 3, 52-68 '59.

Rubinskii, IU. I. [Struggle of the working class of France] Rabochaia Frantsiia v bor'be. Moskva, Gos. izd-vo polit. lit-ry, 1961. 53 p.

FRANCE—METAL INDUSTRIES

Planning the placement of equipment in a French metal-working enterprise. F. Okuneva. Biul. nauch.-inform. trud i zar. plata 4 no. 7, 70-74 '61.

FRANCE—MOTION-PICTURE PLAYS

A letter written to stage-director Claude Chabrole Stanislav Rostotskii Isk. kino no 8 91-93 Ag '61

FRANCE—POLITICS AND GOVERNMENT

All machinations of French colonizers will be of no avail. V Pustov Komm Vooruzh. Sil 1 no 4:82-84 F '61.

The ever increasing scope of struggle and unity. Leon Mauvais. Vsem. prof. dvizh no. 8 24-28 Ag '61

Everyone of them dreams. A. Krivopalov. Vokrug sveta no. 8:6-9 Ag '61.

How France lives. N. Molchanov. Znamia 31 no. 9: 145-164 S '61.

Rubinskii, IU. I. [Struggle of the working class of France] Rabochaia Frantsiia v bor'be. Moskva, Gos. izd-vo polit. lit-ry, 1961. 53 p.

FRANCE—POPULAR FRONTS

Kunina, M. L., and V. D. Markova. [How the French Communists struggled for the popular front from 1934 to 1936] Kommunisty Frantsii v bor'be za narodnyi front, 1934-1936 gg. Moskva, Gos. izd-vo polit. lit-ry, 1961. 207 p.

FRANCE—RAILROADS—EQUIPMENT AND SUPPLIES

Railroad equipment at the French National Exhibition in Moscow. A. N. Guba. Zhel.-dor transp. 43 no. 9:76-79 S '61.

FRANCE—RELATIONS (MILITARY) WITH WEST GERMANY

What Adenauer failed to mention. G. Andreev. Ogonek 39 no. 32:30-31 Ag '61.

FRANCE—RESTAURANTS, LUNCHROOMS, ETC.

Cafés and restaurants in France. I. TSinamdzgvarishvili. Obshchestv pit. no. 6:60-63 Je '61.

FRANCE—REVOLUTION

Zakher, IA. M. [Movement of the "possessed."] Dvizhenie "beshenykh." Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 221 p.

FRANCE—SOCIAL CONDITIONS

How France lives. N. Molchanov. Znamia 31 no. 9: 145-164 S '61.

FRANCE—SOCIALIST PARTY

Capitulation to monopolies D. Bol'shov, V. Midtsev. Komm Ukr. 37 no. 9 76-78 S '61.

FRANCE—SUGAR INDUSTRY—EQUIPMENT AND SUPPLIES

In French sugar factories. A. S. Sviatishenko. Sakh. prom. 35 no. 8:66-68 Ag '61.

FRANCE—TEMPLARS

History of political struggle in France in the early 14th century, the French legist Dubois and his treatise on the dissolution of the Order of the Temple. N. A. Denisova. Sred veka no. 20:208-224 '61.

FRANCE—TRADE UNIONS—CONGRESSES

The ever increasing scope of struggle and unity. Leon Mauvais. Vsem. prof. dvizh. no. 8:24-28 Ag '61.

FRANKO, IVAN, 1856-1916

Khinkulov, L. F. Franko. Moskva, Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. (Zhizn' zamechatel'nykh liudei. Seriia biografii, no. 7[321])

"Pedagogical articles and speeches" by Ivan Franko Reviewed by O. V. Koval'chuk. Rad. shk. 40 no. 7 83-90 Jl '61

FRAUD

The last throw of the die. A. Tanin. Sov. iust. no. 17: 19-20 S '61.

We should try to prevent the defraudation of governmental agencies in every possible way. G. Toropov. Sots. zakon. 38 no 9 11-16 S '61.

FREE ENTERPRISE see Laissez-faire

FREEZING POINTS

Investigation of phase transformations in pores of building materials [with summary in English]. L. O. Meleshko. Inzh.-fiz. zhur. 4 no. 9:61-66 S '61.

FREIGHT AND FREIGHTAGE
(see also subdivision under Gorkiy Province, Irtysh River)

Use of pallets for freight transportation proved to be effective. I. V. Shtefko. Zhel. dor. transp. 43 no. 8: 35-37 Ag '61.

FREIGHT AND FREIGHTAGE—CLAIMS

Let's protect socialist property in every possible way. A. Zasukha. Sots. zakon. 38 no. 9:74-75 S '61.

FRENCH LANGUAGE—IDIOMS, CORRECTIONS, ERRORS

Lobanova, L. G. [French phrases and idiomatic expressions] Sbornik frantsuzskikh slovosochetanii i idiomaticheskikh vyrazhenii; posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 218 p.

FRENCH NEWSPAPERS

Comrade. O. Shirokov. Smena 38 no. 10:16 My '61.

FRENCH PERIODICALS

Cahiers du communisme " no. 4, 1961 Reviewed by A. B. Brodskaia. Vop. filos. 15 no. 9:173-174 '61.

FREQUENCY CHANGERS

Circuits of noncontact frequency converters. V. G. Baum. Prom. energ. 16 no. 9:17-19 S '61.

Concerning the design of reactive frequency converters. M. M. Tarshchanskii Elektrichestvo no 4 73-75 Ap '61.

FREQUENCY MEASUREMENTS

Measuring the back-pull of wire in the drawing process by the frequency method I. G. Grunman, I. P. Pushkarev. Trudy Inst. iad. fiz AN Kazakh. SSR 1:132-137 '61

FREQUENCY REGULATION

Automatic phase-frequency control with delay. V. A. Shpolianskii, L. S. Tiuflakin, P. P. Korsakov. Radiotekh. i elektron. 6 no. 9:1468-1481 S '61.

Evangelisti, Diuzeppe. [Concerning control of frequency in hydroelectric power stations] K voprosu regulirovaniia chastoty na gidroelektrostantsiiakh. Moskva, 1960. 13 p. (International Federation of Automatic Control, 1st International Congress, Moscow, 1960 [Doklady, no. 50])

[MICROFILM]

FREQUENCY REGULATION—BIBLIOGRAPHY see Bibliography—Frequency regulation

FRESH-WATER FISHES see Fishes, Fresh-water

FRESH-WATER FLORA see subdivision under Karelian Isthmus, Kiliyskoye Girlo region

FRICTION

Editor's mail. Fiz. v shkole 21 no. 3:100-102 My-Je '61

Experimental investigation of coefficients of friction in upsetting A. A. Vinnitskii, A. A. Presniakov. Trudy inst. iad. fiz AN Kazakh. SSR 4:116-121 '61.

Forces of friction arising between drilling supports and the soil of the wall of bores treated with clay. S. A. Ter-Galustov, L. N. Vorobkov, O. I. Ivanov. Osn., fund. i mekh. grun. 3 no. 4:5-7 '61.

Pendulum apparatus for determining the coefficient of rolling friction. I. A. Kunin, V. D. Rubko. Izv. Sib. otd AN SSSR no. 8:118-119 '61.

Potentialities of friction forces in rolling. A. A. Vinitskii, A. A. Presniakov. Trudy Inst. iad. fiz. AN Kazakh. SSR 4:102-106 '61

Simple demonstration experiments. F. Rabiza. Nauka i zhizn' 28 no. 7:54 Jl '61.

Sticking of the metal to tools in sliding friction. I. M. Pavlov, V. IA. Osadchii. Izv. vys. ucheb. zav., chern. met. 4 no. 7 105-111 '61

FRICTION—TESTING

Method of determining specific friction forces in rolling. A. A. Presniakov, A. A. Vinnitskii. Trudy Inst. iad. fiz. AN Kazakh. SSR 4:100-101 '61.

Method of determining the coefficient of external friction by means of conical strikers. A. A. Presniakov, A. A. Vinnitskii. Trudy Inst. iad. fiz. AN Kazakh. SSR 4:97-99 '61.

FRICTION CLUTCHES see Clutches (Machinery)

FRIEZES see subdivision under Yur'yev-Pol'skiy

FRIT FLIES
(see also subdivision under Moscow Province)

Protecting corn from the frit fly [with summary in English]. V. A. Megalov, Pan Siun-fei [P'iang Hsiung-fei]. Izv. TSKhA no. 2:72-84 '61.

FROGS

Effect of temperature on the rate of decrease of cholinesterase activity in liver homogenates of the frogs Rana temporaria L. and R. ridibunda Pall. A. A. Kusakina Dokl. AN SSSR 139 no. 5:1258-1261 Ag '61

FROST see subdivision under Kamennaya Steppe; Kurgan Province

FROZEN FOOD see Food, Frozen

FROZEN GROUND

Calculations for a cylinder of frozen rock based on limiting deformations. IU. K. Zaretskii. Osn., fund. i mekh. grun. 3 no. 4:25-27 '61.

Compressibility of frozen ground. S. E. Grechishchev, A. G. Brodskaia. Izv. Sib. otd. AN SSSR no. 7:41-47 '61.

Depth for laying foundations in districts of deep seasonal freezing. B. I. Dalmatov, V. M. Karpov. Osn., fund. i mekh. grun. 3 no. 4:3-5 '61.

Determining the average temperature of permafrost soil surrounding a pile foundation. M. F. Kiselev. Osn., fund. i mekh. grun. 3 no. 4:30 '61.

Electric means of melting and compacting permafrost foundation soils before construction. E. P. Gorbunov, L. M. Kurdenkov. Osn., fund. i mekh. grun. 3 no. 4:31 '61.

Flame heating of frozen soil. V. I. Kozko. Stroi truboprovod. 6 no. 8:27 Ag '61

Taking measures to decrease the depth of freezing in soil. V. E. Chugaev. Stroi. truboprovod. 6 no. 8 22-23 Ag '61.

TSytovich, N. A., S. F. Kachurin, and L. A. Meister. [Frozen rocks; their role in nature and human life] Merzlye gornye porody; ikh rol' v prirode i zhizni cheloveka. Moskva, Izd-vo "Znanie," 1961. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 12, Geologiia i geografiia, no. 14)

[MICROFILM]

FROZEN GROUND—CONGRESSES

Anniversary meeting on frozen ground in Vorkuta. S. A. Bakalov. Osn., fund. i mekh. grun. 3 no. 4 29 '61.

Conference on problems of frost heave in soils. Osn., fund. i mekh. grun. 3 no. 4, 21 Jl '61.

FRUIT

Role of ventilation in transporting and storing fruit and vegetables IA. G. Korkhov Kons. i ov. prom. 16 no. 7:20-22 Jl '61.

FRUIT—DISEASES AND PESTS see subdivision under Kuba District

FRUIT—PRESERVATION see subdivision under Simferopol'

FRUIT—RIPENING

Dynamics of the pigment content and chlorophyllase activity of fruit [with summary in English]. O. H. Sudina, I. I. Romanenko. Ukr. bot. zhur. 18 no. 4:3-12 '61.

FRUIT—STORAGE

Effect of ionizing radiation on the storage quality of potatoes, vegetables, and fruits L. V. Metlitskii, E. N. Mukhin. Kons. i ov. prom. 16 no. 7:22-25 Jl '61.

FRUIT, CANNED

New types of canned food. L. B. Kaier, A. G. Ianikovaia, P. A. Petsko. Kons. i ov. prom. 16 no. 9:20-21 S '61.

FRUIT, DRIED
(see also subdivision under Gantsevichi)

Preparing vegetable and fruit powder in a roller dryer. E. N. Volkov, A. M. Prokof'eva, G. V. Vorkhoshanskaia Trudy VNIIKOP no 10:121-127 '60

FRUIT CULTURE
(see also subdivision under China; Crimea; Moscow; Ukraine; Vakhsh Valley)

Introduction of fruits, berries, grapes, and subtropical plants. A. Evtushenko. Vest. sel'khoz. nauki 6 no. 8 154-155 Ag '61.

Lobanov, G. A. [New varieties of fruits and berries] Vyvedenie novykh sortov plodovykh i iagodnykh rastenii. Izd. 3., ispr. i dop. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 183 p.
(DA)

Michurinsk. Nauchno-issledovatel'skii institut sadovodstva. [Varieties and breeding of fruits and berries] Voprosy selektsii i sortoizucheniia plodovykh i iagodnykh kul'tur; trudy rasshirennoi sessii Instituta [1957, Tambov] Tambovskoe knizhnoe izd-vo, 1959. 351 p.
(CU-A)

TSentral'naia stantsiia iunykh tekhnikov, Moscow. [For young fruit growers] IUnym sadovnikam. [Moskva] Izd-vo "Detskii mir" 1961. 1 fold l. (Prilozhenie k zhurnalu "IUnyi tekhnik," no. 17(107))
(DA)

FRUIT CULTURE—BIBLIOGRAPHY see Bibliography—Fruit culture

FRUIT JUICES

All-Union Scientific and Technical Conference on Juice Production. A. N. Samsonova. Kons. i ov. prom. 16 no. 7:40-42 Jl '61.

Increase the production and improve the quality of juices. Kons. i ov. prom. 16 no. 7:1-4 Jl '61.

FRUIT TRADE—FINANCE see subdivision under Ukraine

FRUIT TREES

Problem of the winter resistance of fruit trees. IU. E. Filippova. Vest. sel'khoz. nauki [Kazakh.] 4 no. 5:72-80 My '61.

FUEL
(see also subdivision under Bulgaria)

Chukhanov, Z. F. [Some problems of fuel and power] Nekotorye problemy topliva i energetiki. Moskva, Izd-vo Akad. nauk SSSR, 1961. 477 p.

Determination of the unit consumption of fuel of the rural districts for heating. P. A. Makarov, T. M. Polianskaia. Obshch. energ. no. 4:40-44 '61.

Technological and economic indices in the distribution and utilization of fuel in rural districts. I. N. Bessonova, T. M. Polianskaia. Obshch. energ. no. 4:45-53 '61.

FUEL PUMPS

Designing impulse pressure feeding systems of two-cycle diesel engines A. A Toropov, V F. Makiychuk Energomashinostroenie 7 no 7 37-39, 48 Jl '61

FUEL RESEARCH

In the Institute of Mineral Fuels M Solomonov Izv. AN SSSR Otd tekh nauk Met i topl. no 4 175-176 Jl-Ag '61

FUNCTIONAL ANALYSIS

Approximation of class Z_α functions by positive methods of summation of Fourier series L I Bausov. Usp. mat nauk 16 no 3 143-149 My-Je '61

Approximation of Lipshitz class functions by linear methods [with summary in English] M P Korniichuk Dop. AN URSR no 7 859-863 '61

Approximation of the thermodynamic functions of air. N. N. Naumova, Zhur. vych. mat. i mat fiz 1 no 2 295-300 Mr-Ap '61

Best approximation of ideally monotonic and certain other functions in the L-metric by means of trigonometric polynomials V. K Dzıadyk. Izv AN SSSR Ser mat. 25 no. 2:173-238 Mr-Ap '61

Best approximation of the functions of two variables by means of $\varphi(x) + \psi(y)$ functions IU. P Ofman Izv AN SSSR. Ser. mat 25 no 2 239-252 Mr-Ap '61

Exact estimation of the error in multidimensional quadrature formulas for class $\bar{W}_1$ and $\bar{H}_1$ functions I M Sobol', Zhur vych mat i mat. fiz 1 no 2:208-216 Mr-Ap '61

Indicator of a function subharmonic in multidimensional space. V. S Azarin Dokl AN SSSR 139 no 5 1033-1036 Ag '61

Moduli over K-space S N Slugin Dokl AN SSSR 139 no 5 1059-1062 Ag '61

One method of calculation of uniform approximations of functions. E. A. Volkov. Zhur vych. mat i mat fiz 1 no. 2:343-345 Mr-Ap '61

"Primitive" functionals and their application for the integration of certain equations in functional derivatives. V. I Tatarskii Usp mat nauk 16 no 4 179-186 Jl-Ag '61

Sufficient conditions for asymptotic stability of an infinite point in the system $\dot{x} = y - F(x)$, $\dot{y} = -g(x)$ M. I. Voilokov Usp. mat nauk 16 no. 3 163-170 My-Je '61

FUNCTIONAL EQUATIONS

Solution of a multivariate functional equation [with summary in English] G N Sakovich. Ukr. mat. zhur 13 no 2 173-189 '61.

Solution of Riemann type equations in the class of *Dirichlet's series*. B. S. *Bronshtein*. Mat sbor 54 no 4:425-452 Ag '61.

FUNCTIONAL GROUPS

Solvable groups of the type A_3. V. S. Charin. Mat. sbor. 54 no. 4:469-498 Ag '61.

FUNCTIONS

All-Union Conference on the Application of Methods of the Theory of Functions to Problems of Mathematical Physics, held at Tbilisi. N. P. Vekua, A. R. TSitskishvili Usp mat nauk 16 no 4:243-247 Jl-Ag '61

Canonical regularization of a certain class of functions. V. V. Grushin. Mat. sbor. 54 no. 4:397-410 Ag '61

Generalized formulas for transformations of functions in Lobachevski-Graeffe's method for the numerical determination of zeros in entire and holomorphic functions. A N. Kostovskii. Zhur. vych mat. i mat fiz 1 no 2.346-348 Mr-Ap '61.

Structure of measurable functions. Part 2. Hoang Tui. Mat. sbor 54 no. 2:177-208 Je '61.

Variant of the selection method. A. A. Abramov. Zhur. vych. mat. i mat. fiz. 1 no 2:349-351 Mr-Ap '61

Work of the All-Union Conference on the Theory of Functions held in Erivan A A. Kitbalian. Usp. mat. nauk 16 no 4 241-242 Jl-Ag '61

FUNCTIONS, ABELIAN

Solvable groups of the type A_3. V. S. Charin. Mat. sbor. 54 no. 4:469-498 Ag '61.

FUNCTIONS, ALGEBRAIC

Some formulas for the reduction of algebraic determinants to a polynomial form. A. V. Karmishin, R S. Sholukhova. Vop. mekh. no 193-3-10 '61.

FUNCTIONS, ANALYTIC

A-convolutions of Laurent series [with summary in English] L. O Dunduchenko, S. A. Kasfianiuk. Dop. AN URSR no 7 845-849 '61

Cauchy's problem for certain systems of linear partial differential equations. IU. V. Sidorov. Mat. sbor. 54 no. 4.453-468 Ag '61.

Completeness of the system of $\left\{ \frac{v_n}{z} \right\}$ functions on curves in a complex plane Chen' Se-chan [Ch'en Hsieh-ch'ang]. *Izv. AN SSSR, Ser. mat.* 25 no 2:253-276 Mr-Ap '61.

Completeness of the systems of the derivatives of an analytic function. V. P. Gromov. Izv. AN SSSR, Ser mat. 25 no. 4:543-556 Jl-Ag '61.

Tables of the parameters of analytic wave functions of atoms and ions. Part 1 M. G. Veselov and others Opt. i spektr. 10 no 6.693-696 Je '61

The $\sqrt[n]{n} + fn\,(z)$ type base IU. A. Kazimin Sbor nauch. st Azovo-Chern inst. mekh. sel'khoz. no 8 pt 2 110-127 '59

FUNCTIONS, BOOLEAN see Boolean functions

FUNCTIONS, CHARACTERISTIC see Eigenfunctions

FUNCTIONS, DISCONTINUOUS

One class of point discontinuous functions S. N. Mergelian, A A Talalian Dokl AN Arm SSR 32 no 1:103-107 '61

FUNCTIONS, ENTIRE

Integral functions of the absorption of long-wave radiation in the atmosphere V. E Zuev. Izv. vys. ucheb. zav., fiz. no. 3:28-34 '61

New investigations on the growth and distribution of the values of entire and meromorphic functions of zero order A. A Gol'dberg, I. V Ostrovskii Usp. mat nauk 16 no 4 51-62 Jl-Ag '61

FUNCTIONS, EXPONENTIAL

Number of hits of fractional parts of an exponential function in a given interval. A. G. Postnikov. Usp mat nauk 16 no 3.201-205 My-Je '61.

FUNCTIONS, MEROMORPHIC

Meromorphic solutions to differential difference equations A. G. Naftalevich. Usp mat. nauk 16 no. 3. 191-196 My-Je '61.

New investigations on the growth and distribution of the values of entire and meromorphic functions of zero order A A. Gol'dberg, I. V. Ostrovskii. Usp mat nauk 16 no 4 51-62 Jl-Ag '61.

Relation of the growth of a meromorphic function to the distribution of its values by arguments I. V. Ostrovskii Izv. AN SSSR Ser. mat. 25 no. 2:277-320 Mr-Ap '61.

FUNCTIONS, PERIODIC

Expansibility of S_p and W_p nearly periodic functions into finite sums of such functions. A S Kovan'ko. Ukr *mat zhur.* 13 *no 2:226-231* '61

FUNCTIONS, SYMMETRIC see Symmetric functions

FUNCTIONS OF COMPLEX VARIABLES

Estimations in the case of biholomorphic mappings of bounded domains. A A. Shmatkov Izv. AN Arm SSR Ser. fiz.-mat. nauk 14 no. 3:43-49 '61.

FUNCTIONS OF REAL VARIABLES

Reducibility of a continuous function of a real variable and the structure of the stationary points of the corresponding iterative process. A. N. Sharkovskii. Dokl. AN SSSR 139 no 5:1067-1070 Ag '61.

FUNCTIONS OF SEVERAL VARIABLES

Quadrature formulae for functions of *an infinite number* of variables N. N. Chentsov. Zhur vych mat i mat. fiz 1 no 3 418-424 My-Je '61.

Some integral inequalities and their use in the theory of differential functions of several variables V. P Il'in. Mat sbor 54 no 3:331-380 Jl '61.

FUNERAL RITES AND CEREMONIES see subdivision under Kets

FUNGI

(see also subdivision under Turkmenistan)

Khokhriakov, M. K. [Injurious and beneficial fungi] Vrednye i poleznye griby. Leningrad, Gos. izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961, 102 p.

FUNGI, PHYTOPATHOGENIC see subdivision under Vorskla Valley

FUNGI, PREDATORY

Improving the biological method of applying predatory helminthophagous fungi in ancylostomiasis. B. N. El, S. A. Alakhverdiants, Z. M. Karimov Izv. AN Turk. SSR. Ser. biol. nauk no 1:70-72 '61.

FUNGICIDES—TOXICOLOGY

First International Conference on the Toxicology of Fungicides and Insecticides. P. Radkevich. Vest. sel'khoz. nauki 6 no. 8:152-154 Ag '61.

FUR

"Technology of leather and fur" by N. V. Chernov and others. Reviewed by G. V. Livyi and others. Kozh.-obuv prom. 3 no. 6:36-38 Je '61

FUR INDUSTRY see subdivision under Germany, East

FUR INDUSTRY—EXHIBITIONS

Fur goods of the new selections. M. A. Buleeva. Kozh.-obuv. prom. 3 no. 6:39-40 Je '61.

FURANDIONE

Properties of 4-hydroxymethylen-2, 2, 5, 5-tetraalkyl-3-furandiones. I. K. Korobitsyna and others. Zhur. ob. khim. 31 no. 8:2542-2548 Ag '61.

FURMANOVO—COOPERATIVE SOCIETIES

In the struggle for the banner. M. Bortsov Kolp Kazakh 4 no. 4 53-54 Ap '61.

FURNACES

Burning Donets gas coal in shaft-mill furnaces A. D. Gorbanenko, I. G Kuznetsov, G. S. Chukhno. Ogneupory 32 no 6 13-15 Je '61.

Effect of the size of the combustion chamber on the permissible heat stress governed by the burning conditions. M. D. Panasenko, S. G. Agabalian Teploenergetika 8 no 4:48-52 Ap '61

Investigating processes of calcium cyanamide production in Frank-Caro-type furnaces. P. Kazarian. Prom. Arm. 4 no. 3:43-47 Ag '61.

Letter to the editor. M. A. Gol'dshtik. Teploenergetika 8 no. 4:94 Ap '61.

Malyshov, M. V. [Construction and operation of furnaces] Pechnoe delo. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 210 p

Simultaneous burning of anthracite culm and gas with different methods for supplying the gas to the furnace G. A. Uvarov and others Teploenergetika 8 no 4 52-57 Ap '61.

Slag crusher with a hydraulic drive. IU. G. Pozdeshchenko. Teploenergetika 8 no. 5:57-59 My '61.

FURNACES—MAINTENANCE AND REPAIR

Repairing the lining of water-cooled pipes of a ring furnace V. F. Kovalev, A. A Matiunin, G. M. Gubarichenko. Sbor. rats predl. vnedr. v proizv no 5 35-37 '60

FURNACES, HEAT-TREATING

Automatic control of heat-treating furnaces on a programmed operation. I M. Gel'fand, L. F. Ivanova Metallurg 6 no. 8 29-31 Ag '61

Changing the masonary of the stands of a bell-type furnace. A. A Gurbachev, V. N. Domozhirov. Sbor. rats predl. vnedr. v proizv no 5:35 '60.

FURNACES, HEATING

Changing the design of supporting walls of sliding pipes in a continuous furnace. IA. A Shchukin, I.N Meleshin Sbor rats predl. vnedr v proizv no. 5.31-33 '60

Lightweight kaloin bricks in heating furnaces V. D TSigler, V. L. Bulakh, IU. M. Khoralianskii Ogneupory proizv. 3 no. 8:38-39 Ag '61.

Measuring the temperature of metals in soaking pits of blooming mills M. F. Zhuravlev Sbor rats. predl. vnedr. v proizv no. 5.33 '60

New design of the oblique bar for a continuous furnace E. S. Kal'chenko, L. S. Mesniankin. Sbor rats predl. vnedr. v proizv no. 5 33-34 '60

Vacuum heating. A D. Assonov. Biul. tekh.-ekon. inform no. 8 85-87 '61.

FURNACES, HEATING—SAFETY MEASURES

Sealing smoke valves A. E. Pokotilo. Sbor. rats predl. vnedr. v proizv. no. 5:37 '60.

FURNITURE

(see also subdivision under Czechoslovakia)

Dimensions and design of frame furniture. I V. Kamtskii *Der prom. 10 no 8 4-6 Ag '61.*

FURNITURE—EXHIBITIONS

Furniture and apartment equipment at the World Fair in Marseilles in 1960 G. M. Rogozhyn. Visnyk AHA URSR no. 2:66-67 '61.

FURNITURE INDUSTRY see subdivision under Great Britain

FURNITURE INDUSTRY—TECHNOLOGICAL INNOVATIONS see subdivision under Mafkop

FURNITURE WORKERS—EDUCATION AND TRAINING see subdivision under Moscow

FUZULI, MEHMET, 1494-1555

A decorative miniature from the divan of M. Fuzuli [in Azerbaijani with summary in Russian]. A Kurtev Dokl. AN Azerb SSR 17 no. 6:535-539 '61.

GABBRO see subdivision under Ural Mountains

GADOLINIUM—MAGNETIC PROPERTIES

Magnetic and magnetoelastic properties of dysprosium and gadolinium [with summary in English] B. V. Tsidaev and others. Zhur eksp. i teor. fiz 40 no 6:1562 1567 Je '61.

GAGARIN, IURII ALEKSEEVICH, 1934-

Before the start. Voen. vest. 41 no. 5:11 My '61.

Gagarin, IU. A. [Road to outer space; story of the Soviet pilot-astronaut] Doroga v kosmos; rasskaz letchika-kosmonavta SSSR. [Moskva] Izd-vo "Pravda," 1961. 173 p.

"Road into space" by IUrii Gagarin. Reviewed by K. Pozdniaev. Oktiabr' 38 no. 9:214-215 S '61

Saratov, industrial technical school . . . G. Smirnov. Prof.-tekh. obr. 18 no. 5:3-4 My '61.

GAGARIN, IURII ALEKSEEVICH, 1934- (Continued)
[Soviet man in space] Sovetskii chelovek v kosmose; sbornik. Moskva, Izd-vo "Znanie," 1961. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser 9, Fizika i khimiia, no. 9)
They remember him with love V. Can. Prof.-tekh obr 18 no 5-5 My '61
True stories of Gzhatsk Anatolii Belov. Sem'ia i shkola 16 no 8-22-24 Ag '61
TSesevich, V. P. [The path into space is open!] Put' v kosmos otkryt. Pod red. A. F. Bogorodskogo. Kiev, Gos. izd-vo tekhn lit-ry USSR, 1961. 29 p.

GALAXY see Milky way

GALENA see subdivision under Azerbaijan

GALICH—FIREMEN
In ancient Galich. V Zolotukhin. Pozh. delo 7 no 8-10 Ag '61.

GALICIA—BONE IMPLEMENTS
Ancient Russian bone and horn articles found in Galicia and Volynia territory A A. Ratich Mat. i issl. z arkheol. Prikarp i Vol no. 2 119-131 '59.

GALICIA—HORN CARVING
Ancient Russian bone and horn articles found in Galicia and Volynia territory. A A Ratich Mat. i issl. z arkheol Prikarp i Vol no. 2 119-131 '59

GALL BLADDER—DISEASES
Cholecystostomy in acute cholecystitis Z. A. Topchiashvili. Klin. med. no 7 19-22 '61
Compound treatment of hepatocholecystitis with mineral water from Novye Senzhary Z. G Malysheva. Voen - med zhur. no 6.79 Je '61
Nazirov, M. R., and T. A. Melikova [Colitis and accompanying cholecystitis and hepatocholecystitis] Kolity i soputstvuiushchie im kholetsistity i gepatokholetsistity. Baku, Azerbaidzhanskoe gos. izd-vo, 1961. 62 p. (DNLM)

GALL BLADDER—RADIOGRAPHY
Comparative evaluation of the results of oral cholecystography and intravenous cholegraphy. I. A. Agzamkhodzhaev. Klin. med. no. 7 43-48 '61

GALL MITES
Characteristics of postembryonic development in four-legged gall mites (Acariformes, Eriophyidae) and some notes on the systematics of Eriophyes laevis (Nal., 1869) [with summary in English]. V. G. Shevchenko. Zool. zhur. 40 no. 8, 1143-1158 Ag '61.

GALLIUM
Obtaining gallium from the wastes of the aluminum industry. N. I. Eremin. Obog. i ud 4 no 1:16-17 '59
Reciprocal dissolubility of mercury and gallium S P. IAtsenko, E P. Druzhinina Zhur neorg khim 6 no 8: 1902-1904 Ag '61

GALLIUM—ELECTROMETALLURGY
Studying cathodic polarization in the electrolysis of gallate solutions. N. I Eremin Izv. vys. ucheb. zav.; tsvet. met. 4 no. 4 97-101 '61.

GALLIUM ARSENIDE
Scattering of current carriers in strongly degenerated gallium arsenide. O V. Emel'ianenko, T. S Lagunova, D. N Nasledov. Fiz tver tela 2 no. 2 192-197 F '60.

GALLIUM ARSENIDE—ELECTRIC PROPERTIES
Some electrophysical properties of gallium arsenide. A F. Kravchenko Izv vys ucheb zav ; fiz no. 3:80-87 '61

GALLIUM-INDIUM-ANTIMONY ALLOYS see Indium-antimony-gallium alloys

GALLIUM OXIDES
Determination of the pressure of gallium oxide saturated vapor. S. A. Shchukarev, G. A. Semenov, I. A Rat'kovskii. Zhur. neorg khim. 6 no. 8-1973 Ag '61
Solubility isotherm of the system gallium oxide - sulfuric anhydride - water at 20° S. P. IAtsenko Zhur neorg khim. 6 no. 8:1922-1925 Ag '61.

GALOIS, EVARISTE, 1811-1832
Evariste Galois in the most recent biographies. IU. M. Gaiduk. Mat. v shkole no. 4:78-80 Jl-Ag '61.

GALVANOMETER
Some problems of the galvanometer theory arising in the use of this instrument for phosphoroscopic measurements. M G. Kaminskii. Opt. i spektr. 10 no. 5: 667-672 My '61.

GAMALII, VASILII DANILOVICH, d. 1956
Elyseev, Theodore. [Cossack Lieutenant Gamalii's raid on Mesopotamia in May, 1916] Reid sotnika Gamaliia v Mesopotamiiu v mae 1916 goda. New York, 1957. 25,24 p. (NN)

GAMES
Games. Samson Glazer Sem'ia i shkola 16 no. 7:46 Jl '61
Homemade IU A Bugel'skii Doshk vosp. 34 no 9 114-116 S '61
Sentries and scouts. L. Rylcev Sem'ia i shkola 16 no 6.45 Je '61

GAMMA GLOBULIN
Amount of antiascarid antibodies in serum globulin fractions of rabbits with pulmonary ascariasis M V Dalin Dokl. AN SSSR 139 no. 5 1254-1257 Ag '61.
Combined treatment of whooping cough with antibiotics and gamma globulins R M Brium Pediatriia no 9-62-67 '61

GAMMA RAYS
Change of the elastic properties of molten quartz under the action of Co^{60} gamma-radiation P F Kromer, L P Khrushchenko. Izv AN Uz SSR Ser fiz -mat nauk 3:87-88 '61
Dependence of the probability of gamma-radiation of nuclei on the moments of state involved in transitions M E Volkhanskii Izv vys ucheb zav , fiz. no 3, 103-108 '61.
Effect of gamma-radiation on the conductivity of dielectrics. B. M. Vul. Fiz. tver. tela 3 no. 8·2264-2274 Ag '61
Effect of gamma rays on the activity of platinum-containing catalysts. Kh M Minachev, IU. S. Khodnkov Izv AN SSSR Otd khim nauk no 8·1430-1432 Ag '61
Emission of low energy γ-quanta by electrons scattered on protons [with summary in English]. S. M. Bilen'kii, R. M. Ryndin. Zhur. eksp. i teor fiz. 40 no 3:814-825 Mr '61.
Establishment of current in dielectrics subjected to gamma irradiation. B. M. Vul. Dokl. AN SSSR 139 no. 6 1339-1341 Ag '61.
Investigating by means of gamma rays fused salts containing dissolved metals. A. I. Beliaev. Izv. vys. ucheb. zav., tsvet. met. 4 no. 4:40-44 '61.
Investigation of the angular distribution of photoelectrons knocked out of Ag and Bi targets by gamma rays from Cs^{137}. K. K. Aglintsev and others. Izv. AN SSSR, Ser. fiz. 25 no. 8:1141-1145 S '61.
Measuring the dosage of gamma-radiation with a scintillation dosimeter [with summary in English] IU A Egorov, E. A. Panov. Inzh -fiz. zhur 4 no. 8·130-131 Ag '61.
Measuring the polarization of γ-rays from the reaction $Si^{30}(p,\gamma)P^{31}$. P. M. Tutakin. Izv. AN SSSR Ser. fiz. 25 no. 9·1131-1134 S '61.
Method of investigating the plane field of soil density by the use of gamma rays. D. E. Pol'shin, Shi Chzhun-khen [Shih Chung-hêng]. [Trudy] NIIOSP no. 43-5-12 '61.
Number of gamma-ray quanta counted per decay event of Ce^{141} and Eu^{155}. A. N. Sliant'ev, B. S. Kuznetsov. Izv. AN SSSR, Ser. fiz. 25 no. 9 1186-1187 S '61.
Resonance absorption of 23.8 Kev. gamma rays by Sn^{119}, as observed from conversion electrons. K. P Mitrofanov, V. S. Shpinel'. Zhur. eksp. i teor. fiz. 40 no. 3·983-985 Mr '61.
Transparency of mixed CaF_2 - SrF_2 and SrF_2 - BaF_2 single crystals and the effect of gamma-radiation on them. E. G. Chernevskaia. Opt. i spektr. 10 no. 5: 640-643 My '61.

GAMMA RAYS—INDUSTRIAL APPLICATION
Duration of clarification and the quality of grape juice treated with γ-rays. M. L. Frumkin and others. Kons. i ov. prom 16 no. 9·8-13 S '61.
Effect of ionizing radiation on the sizing of starch. V F. Oreshko, L. F. Gorin, G M. Maslova. Izv. vys. ucheb. zav , pishch. tekh no. 4 35-38 '61.
Effect of the ionizing radiation on the amount and quality of grape juice, M. L. Frumkin, and others. Kon. i ov. prom 16 no 7:16-20 Jl '61.
Pasteurization of sauerkraut with gamma rays. L. P. Kovol'skaia, and others. Kons. i ov prom. 16 no 6: 9-12 Je '61.

GAMMA RAYS—PHYSIOLOGICAL EFFECT
Acetylcholine metabolism in the hypothalamic region of the brain in dogs after acute radiation sickness. B. I. Davydov. Radiobiologiia 1 no. 3:394-398 '61.
Dynamics of changes in tissue sorption properties after the action of γ-rays on the organism [with summary in English]. E. G. Dolgov. Biul. eksp. biol. i med. 51 no. 4 52-56 Ap '61.
Investigating the afferent part of the unconditioned reflex arc of the aorta in acute radiation sickness. A. N. Baiashova. Radiobiologiia 1 no. 3:365-371 '61.
Investigating the effect of irradiation by gamma rays and neutrons on the concentration of free nucleotides in tissues of the animal organism. E. A. Ivanitskaia. Radiobiologiia 1 no. 3:336-339 '61.
Johns Hopkins University. Operations Research Office. [Biological effects of whole-body gamma radiation on human beings. Translated from the English] Biologicheskie posledstviia obshchego gamma-oblucheniia cheloveka. Pod red. M. F. Popovoi. Moskva, Atomizdat, 1960. 107 p. (CU)

Regeneration in central and peripheral parts of the cornea in gamma-irradiated mice. G. P. Gruzdov Radiobiologiia 1 no. 3 407-411 '61.

GAMMA RAYS—SCATTERING
Scattering of γ-quanta by the nuclei of a solid. I. P. Dzub, A. P. Lubchenko Fiz tver. tela 3 no 8·2275-2284 Ag '61

GANTSEVICHI—FRUIT, DRIED
We are on the precongress watch. A F Skurikhin Kons. i ov prom 16 no 7-11-12 Jl '61.

GARAGES
Multiple-story parking garages for passenger cars. F. Topunov Arkhit SSSR no. 7 38-43 '61.

GARDEN CITIES see subdivision under Rostunovo region

GARDENING
Leshka Sychev and his friends V. Pal'ianov. Sem'ia i shkola 16 no 7·16 Jl '61.

GARLIC—DISEASES AND PESTS
New remedy against onion and garlic pests. V. Chernenko, S. Miuge. Sov. torg. 34 no. 8 57-58 Ag '61

GAS—HEATING AND COOKING
A book on gas appliances ("Gas appliances for public eating establishments" by I. S Litvina) Reviewed by L Kuz'mina) Obshchestv. pit no 6,51 Je '61

GAS, NATURAL
(see also subdivision under Azerbaijan)
Combustion characteristics of natural gas in piston combustion chambers. K. F. Dobrikov. Trudy TSNII MPS no. 214 115-120 '61
Concerning the book "Gas resources of the U. S. S. R." by IU. I Bokserman and others. Reviewed by A Aleksin. Neft. khoz 38 no. 4 68-71 Ap '60.
Conversion of natural gas on a nickel catalyst in the presence of silica N P Grebenshchikova and others Uzb. khim. zhur. no 4:73-78 '61
Determining the degasification degree of extracted coal [with summary in English] A S TSyrul'nikov. Dop. AN URSR no 7 915-919 '61
Reduction of barite by natural petroleum gases. G. B. Shakhtakhtinskii, S. M. Guseln-Zade, G. Bagirov. Azerb. khim zhur. no. 2:135-139 '60

GAS, NATURAL—GEOLOGY see subdivision under Asia, Central, Azerbaijan; Caspian Lowland, Fergana

GAS, NATURAL—PIPELINES
(see also subdivision under Uzbekistan)
Accelerate development of construction supply centers under the Main Administration of the Gas Industry of the U S S. R. Stroi. truboprov. 6 no. 7 1-2 Jl '61

GAS AND OIL ENGINES
Determining the uniformity of charging of multicylinder engines with air. F. T. Barkosh. Trudy TSNII MPS no. 214.182-187 '61.
Pul'manov, N. V. [Internal-combustion engines for construction and road machinery] Dvigateli vnutrennego sgoraniia stroitel'nykh i dorozhnykh mashin. Izd. 3., dop. i perer. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 542 p.
Recent research carried out by the Central Diesel Research Institute L. K. Kollerov. Energomashinostroenie 7 no 5:16 My '61

GAS AND OIL ENGINES—BRAKES
Electric induction brakes. V. D. Oliiak, B. P. Borisov, A. V. Brylev. Vest. mash. 41 no. 8:42-44 Ag '61

GAS AND OIL ENGINES—COOLING
Pospelov, D. R. [Air-cooled internal combustion engines] Dvigateli vnutrennego sgoraniia s vozdushnym okhlazhdeniem. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 555 p.
Use of a two-channel capacitance-type pressure indicator for studying an ejector with pulsating gas flow. E. M Belov, A. V. Zilobich. Izv. vys. ucheb. zav., energ. 4 no. 8:70-76 Ag '61.

GAS AND OIL ENGINES—IGNITION
Temperature field of the discharge of electrical ignition systems M. V. Gutovskii Izv. vys. ucheb. zav.; energ. 4 no 8:37-46 Ag '61

GAS APPLIANCES
Drying and heating buildings under construction or repair with gas devices. A. B. IAnovskii, T. N. Smyshliaeva. Gor. khoz. Mosk. 35 no. 8:34-35 Ag '61.

GAS AS FUEL
Improving the utilization of natural gas in boiler rooms. I. Z. Aronov and others. Prom. energ. 16 no. 8:32-33 S '61.

GAS CHROMATOGRAPHY
Determination of small amounts of chlorine organic compounds in the air by gas chromatography. S. F. IAvorovskaia. Khim. prom. no. 8.573-577 Ag '61.

GAS CHROMATOGRAPHY (Continued)

Efficiency criteria in gas chromatography A.A Zhukhovitskii, N.M Turkel'taub Usp khim 30 no 7 877-894 Jl '61

Gas chromatography method used in the quality control of synthesized adsorbent specimens of the molecular sieve type. N.I. Lulova and others Khim i tekh topl i masel 6 no 8 59-63 Ag '61

Graphitized carbon black as an adsorbent in gas chromatography. V.S. Vasil'eva and others Zhur fiz khim 35 no.8,1889-1891 Ag '61

GAS DISTRIBUTION

"Electric calculating machine for analyzing the operation of gas distributing systems." Stroi truboprovod 6 no 8-18 Ag '61.

Hydraulic design of integrated low-pressure grid systems. A.M. Levin, V.A. Smirnov Stroi. truboprovod. 6 no. 8,15-18 Ag '61.

Inosov, V.L., and V.A. Lutskii. [Code-pulse telemetering system for the centralized control of gas mains] Kodoimpul'snaia sistema telelzmerenii dlia dispetcherizatsii magistral'nykh gazoprovodov. Moskva, 1960. 11 p. (International Federation of Automatic Control, 1st International Congress, Moscow, 1960 [Doklady, no.39)]

[MICROFILM]

GAS DYNAMICS

Approximation of the thermodynamic functions of air. N.N. Naumova. Zhur. vych mat. i mat fiz 1 no 2-295-300 Mr-Ap '61

Axisymmetric free expansion of a real gas. O.N. Katskova Zhur vych mat. i mat fiz 1 no 2 301-307 Mr-Ap '61.

Calculation of the interaction of nonstationary shock waves with obstructions V.V. Rusanov. Zhur vych. mat. i mat fiz 1 no 2-267-279 Mr-Ap '61

Deceleration of the motion of gas bubbles of soluble surface-active substances in the case of large Reynolds numbers and a high diffusion rate A.I Fedosov Uch. zap kuib gos ped inst no 29-73-77 '59

Evaluation of the inaccuracies occurring in the derivation of approximate solutions to simple equations of gas dynamics S.K. Godunov. Zhur. vych. mat. i mat fiz. 1 no 4 622-637 Jl-Ag '61.

Laminar axially symmetrical gas flow around a solid near the critical point. G.A Tirskii Zhur. vych. mat i mat. fiz 1 no. 3 481-498 My-Je '61

Numerical solution of the equations of gas dynamics involving different types of viscosity A.A. Samarskii, V.IA. Arsenin. Zhur vych mat. i mat fiz 1 no 2;357-360 Mr-Ap '61.

One problem of the unsteady motion of a gas in long conduits. G.A. Badadzhanian. Izv. AN Arm. SSR. Ser fiz.-mat nauk 14 no. 3;121-131 '61.

Relaxation phenomena in the flow of gas at high speed. M.A. El'iashevich, S.I Anisimov. Dokl. AN BSSR 5 no 8-324-326 Ag '61.

Theory of the unsteady motion of a real compressible fluid in long conduits. L.A. Movsesian. Izv AN Arm SSR. Ser. fiz.-mat.nauk 14 no. 3-139-148 '61.

Thermodynamic functions of mono- and diatomic gases over a wide temperature range. Part I. Method of calculating the thermodynamic functions of monoatomic gases in the ideal state [with summary in English] L.V. Gurvich, V.A. Kvlividze. Zhur. fiz khim. 35 no. 8;1672-1680 Ag '61.

GAS FLOW

Effect of the temperature factor on subsonic turbulent gas flow. S.S. Kutateladze. PMTF no. 1,129-132

he critical
'F no. 1;

g gas along the surface of a plate [with summary in English]. L.IU. Artiukh, L.A. Vulis, V.P. Kashakarov. Inzh.-fiz. zhur 4 no. 3-39-45 Mr '61.

Gas flow between parallel rotating discs and heat transfer between adjacent channels [with summary in English]. G.N. Den. Inzh-fiz.zhur. 4 no. 9;24-31 S '61.

Heat exchange in a two-phase flow around a bundle of pipes [with summary in English]. I.T El'perin. Inzh.-fiz. zhur. 4 no 8;30-35 Ag '61

Heat transfer in a laminar boundary layer in supersonic gas flow along a tube. A.E. Marenov. Zhur. tekh. fiz. 31 no. 8 1001-1011 Ag '61.

Investigating the effect of the liquid phase on the gas flow in a cold blast furnace model. Van De-zhun (Wang Te-jung). L.M. TSylev. Izv AN SSSR. Otd. tekh. nauk. Met i topl. no. 4:12-17 Jl-Ag '61.

Mechanism of turbulent mixing in gas flows [with summary in English]. L.A. Vulis, I.E. Palatnik Inzh.-fiz. zhur. 4 no. 9;5-11 S '61.

Steady motion of a gas with a variable supply of mass and energy. I.F. Shakhnov. PMTF no. 3-117-119 S-O '61.

GAS INDUSTRY—EQUIPMENT AND SUPPLIES

Capron instead of nonferrous castings. V.D. Antonenko. Stroi. truboprov. 6 no. 7;6 Jl '61.

GAS MANUFACTURE AND WORKS

Ganz, S.N. [Technological processes and equipment of the synthesis gas and fixed nitrogen industries] Tekhnologicheskie protsessy i oborudovanie proizvodstv sintez-gaza i sviazannogo azota. Pod red. V.I. Dalia. Khar'kov, Izd-vo Khar'kovskogo gos.univ. im. A.M. Gor'kogo, 1960. 550 p.

GAS PIPES—ELECTROMECHANICAL ANALOGIES

"Electric" gas main. L. Agalan. Nauka i zhizn' 28 no 8;19-20 Ag '61

GAS PRODUCERS

Mechanical and free-piston gas generators L.M. Maizel', B.M Chernomordik. Vest mash. 41 no. 8 17-23 Ag '61

GAS STOVES see Stoves, Gas

GAS-TURBINE DISKS—COOLING

Calculating the temperature fields in gas-turbine disks cooled through the assembly gaps in the tail connection of blades. E.I. Molchanov. Teploenergetika 8 no. 9; 65-68 S '61

GAS-TURBINE LOCOMOTIVES

Analyzing the theoretical diagrams of a locomotive gas-turbine engine. L.A. Shevchenko, I.A. Zueva. Trudy TSNII MPS no. 214 19-28 '61

Changes in the capacity of a turbine stage under alternating operating conditions L.A. Shevchenko. Trudy TSNII MPS no 214 37-51 '61.

Investigating the reactance degree of the turbine stage with a low nominal reactance during speed changes L.IA. Leventsl', V.K. Poluektov. Trudy TSNII MPS no. 214;29-37 '61.

Tractive and thermodynamic indices of gas-turbines locomotives with mechanical transmission. L.A. Shevchenko. Trudy TSNII MPS no 214;4-18 '61.

GAS TURBINES
(see also subdivision under United States)

Aerodynamic study of the outlet nozzle of a gas turbine. I.I. Kirillov and others. Izv. vys. ucheb. zav., energ 4 no. 8-56-59 Ag '61.

Atlas on the design and schematics of gas-turbine systems. G.I. Shuvalov. Teploenergetika 8 no. 5;96 My '61.

"Atlas on the designs and networks of gas turbine systems" by L.A. Shubenko-Shubina and others. Reviewed by L.L Frenkel'. Energomashinostroenie 7 no. 7;45 Jl '61.

Determination of the optimum parameters of steam and gas cycles. M.P. Kaplan. Teploenergetika 8 no. 5; 6-11 My '61.

Device for measuring the mean cross section of the toothed terminal ends of turbine blades. M.Z. Farberov. Energomashinostroenie 7 no. 7;28-29 Jl '61.

Experience in the use of toroidal expansion joints. I.I. Orlov. Energomashinostroenie 7 no. 7;30-33 Jl '61.

The GT-25-700-1 gas-turbine unit. E.V. Bizinev. Biul. tekh.-ekon. inform no. 8,52-56 '61.

GT-700-5 gas turbine system. L.A. Kuznetsov and others. Energomashinostroenie 7 no. 5;1-6 My '61.

Gas-turbine plants using water as an auxiliary working medium. S.F. Postarnak, L.A. Shevchenko. Trudy TSNII MPS no. 214-167-181 '61.

Gas-turbine system with a 100,000 Kw. capacity developed by the Leningrad Metallurgical Plant. Energomashinostroenie 7 no 5;40 My '61.

"Gas turbines" by IA. I. Shnee. Reviewed by G.S. Zhiritskii. Teploenergetika 8 no. 9;96 S '61

Results of testing the GTU-600-1.6 plate regenerator. N.P. Klitin, V.A. Nechaev, V.A. Lokshin. Teploenergetika 8 no. 5;11-17 My '61.

Review of the "Study of the elements of steam turbines, gas turbines, and axial compressors" of the Leningrad Metallurgical Plant (Studies, no. 6). S.F. Abramovich and others. Energomashinostroenie 7 no. 5-44-46 My '61

Study of the T-1N blading. S.V. Grishchuk. Energomashinostroenie 7 no. 7;12-16 Jl '61.

Torch tips for burning natural gas in the combustion chambers of gas turbine systems. M.A. Poliatskin and others. Energomashinostroenie 7 no. 7;34-36 Jl '61.

Use of gas-turbine systems in large power plants. A.G. Kostiuk, G.I. Shuvalov. Teploenergetika 8 no. 5;3-6 My '61.

VTI gas generator for gas-turbine systems. Kh.I. Kolodtsev, V.I. Babii, S.P. Kustovskii. Teploenergetika 8 no. 4;44-48 Ap '61.

GAS TURBINES—COMBUSTION

Combustion characteristics of natural gas in piston combustion chambers. K.F. Dobrikov. Trudy TSNII MPS no. 214;115-120 '61.

Combustion of F-12 marine type fuel oil in the tubular uniflow combustion chamber of gas-turbine plants. S.F. Pavlov. Trudy TSNII MPS no. 214;53-70 '61.

Combustion of low quality fuels in a vortex combustion chamber with cooled metal walls. B.L. Zharkov, L.K. Kist'iants. Trudy TSNII MPS no. 214;71-92 '61.

GAS TURBINES—CORROSION

Utilization of residual fuel oils in gas turbines. B.V. Losikov and others. Khim i tekh topl i masel 6 no. 8-47-53 Ag '61.

GAS TURBINES—EQUIPMENT AND SUPPLIES

Calculation of a tubular expansion piece. M.A. Rudis Energomashinostroenie 7 no 7.42-44 Jl '61

Stressed state of a lense-type compensator. V.S. Chernina. Energomashinostroenie 7 no. 7;20-23 Jl '61

GAS TURBINES—TESTING

Experimental investigation of high temperature strength of gas turbine parts. I.M. Nartov. Trudy TSNIIMF 7 no 34 89-102 '61.

Setting an aerodynamic test stand in motion. IU.U. Edel'. Energomashinostroenie 7 no. 7 10 Jl '61.

Similarity of gas-turbine control systems. E.M. Sila-Novitskaia. Trudy TSNII MPS no 214;52-62 '61

GAS WELDING AND CUTTING

"Equipment and techniques in gas welding and cutting" by G.L. Petrova, N.G Burova Reviewed by D.L. Glizmanenko. Svar proizv no. 8-45-46 Ag '61.

Glizmanenko, D.L., and G.B. Evseev. [Gas welding and cutting of metals] Gazovaia svarka i rezka metallov, Izd. 2., perer. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 447 p.

Investigating the actual output of heat sources in the oxyacetylene cutting of low-carbon steel. V.S. Ostrochenko. Svar. proizv. no. 9 9-11 S '61.

Studying and developing a procedure for the gas cutting of commercial-grade titanium. G.V. Evseev, F.A. Dmitriev. [Trudy] MVTU no. 101;217-223 '61.

Substituting natural gas for acetylene in forge welding with gas burner heating of rolling stock parts Vest TSNII MPS 20 no. 5;61 '61.

GAS WELDING AND CUTTING—EQUIPMENT AND SUPPLIES

Equipment for oxygen-flux cutting of thick stainless steels cast iron, and nonferrous metals. G.B Evseev. [Trudy] MVTU no 101 232-235 '61.

Studying and developing a procedure and equipment for argon-hydrogen arc cutting of the AMr-6-T aluminum-magnesium alloy [Trudy] MVTU no. 101 224-231 '61

GAS WELLS

Cherskii, N.V. [Gas well designs] Konstruktsii gazovykh skvazhin. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 282 p.

GASES

Measurement of the diffusion coefficient of binary vapor-gas mixtures. I.G. Gverdtsiteli, A.T. Karapetian, N.E. Menabde Soob. AN Gruz. SSR 26 no. 4 409-415 Ap '61.

Viscosity of air, nitrogen, and argon at low temperatures and at pressures up to 150 atm. [with summary in English]. G.P. Filippova, I.P. Ishkin. Inzh.-fiz. zhur 4 no. 3,105-109 Mr '61

GASES—DRYING

Natural sorbents as desiccants of gases. S.I. Serokin, V.A. Zabelin. Khim. prom no 8-536-539 Ag '61

GASES—LIQUEFACTION

Setup operating on compressed gas for the liquefaction of helium P.L. Kapitsa, I.B. Dantlov. Zhur. tekh fiz. 31 no. 4;486-494 Ap '61.

GASES—PURIFICATION

Using powder-metal filters in dry cleaning of blast-furnace gases. M.P. Belikov, B.Z. Teverovskii. Prom energ. 16 no. 9;28-31 S '61.

GASES—SEPARATION

Using silica gel as an adsorbent for separating saturated and unsaturated hydrocarbons in refinery gases. Al.M. Kuliev and others. Azerb. neft. khoz. 40 no 1 36-37 Ja '61.

GASES—SPECTRA

Atomic beam as a light source for the study of gas spectra. V.I. Odintsov. Opt. i spektr. 10 no. 3;403-409 Mr '61.

Editor's mail. N.A. Makulov. Fiz. v shkole 21 no. 3; 100 Mr-Ap '61.

GASES—THERMAL PROPERTIES

Demonstration of changes in the temperature of gases in quick expansion and compression. E. Sh. Khamilov. Fiz. v shkole 21 no. 2;66 Mr-Ap '61.

Heat conductivity of monatomic gases [with summary in English]. A.A. Tarzimanov. Inzh.-fiz. zhur. 4 no 9 86-89 S '61.

GASES, RARE—SPECTRA

Calculation and experimental investigation of absorption L-spectra of noble gases. R.L. Barinskii. Izv. AN SSSR. Ser. fiz. 25 no. 8,947-953 Ag '61.

GASES IN METALS

Mechanism of the nucleation of the gas phase during the oxidation of carbon in molten metals. M.G. Krashennikov, S.I. Filippov. Izv. vys. ucheb. zav.; chern. met. 4 no. 7;18-25 '61.

GASES IN METALS (Continued)

Partial adsorption and desorption of residual gas components on the surfaces of germanium and silicon single crystals in a very high vacuum [with summary in English]. N.D. Morkulis, R.Y. Marchenko, Ukr. fiz. zhur. 6 no. 3 378-385 My-Je '61.

GASES IN METALS—ANALYSIS

Method of the local analysis of gases in weld metals. V.I. Lakomskii, N.I. Vykhrestiuk. Avtom. svar. 14 no. 9 41-44 S '61.

GASOLINE see subdivision under Uzbekistan

GASTRIC JUICE

Effect of sodium fluoride on the activity of intestinal enzymes in sheep. V.G. Loshilova. Trudy Kirov. otd. Vses. fiziol. ob-va 1 no. 1 94-99 '60.

State of gastric secretion in necatoriasis. V.M. Kvachadze. Soob. AN Gruz. SSR 26 no. 5 595-598 My '61.

GASTROENTEROLOGY—EQUIPMENT AND SUPPLIES

Modification of a balloon for the mechanographic registration of gastric and intestinal motility. V.G. Khlystov, O.L. Kolosova. Klin. med. no. 7:134-135 '61.

GASTROINTESTINAL MOTILITY

Reflex interrelations between the fundal and pyloric sections of the stomach. S.D. Groisman. Fiziol. zhur. 47 no. 8 990-996 Ag '61.

Relation of the gastric contractility center to stimulation of various intensity. A.I. Mordovtsev. Izv. Otd. sel'khoz. i biol. nauk AN Tadzh. SSR no. 1 139-146 '60.

GASTROSCOPY

Gastroscopy in the diagnosis of chronic gastritis. A.IA. Trufanov. Klin. med. no. 7 58-62 '61.

Some gastroscopic data on patients with functional disorders of the stomach and chronic gastritis. A.F. Mikhailov. Voen.-med. zhur. no. 6:76 Je '61.

GATES, HYDRAULIC

"Crest gates, their composition and design" by F. Jermar [in Czech]. Reviewed by S.V. Taranovskii, A.P. TSvetkov. Gidr. stroi. 31 no. 8 62-3 of cover Ag '61.

GAUGES

Industrial means for measuring large dimensions. A.M. Baraskii, L.M. Shershevskii. Izm. tekh. no. 9, 7-8 S '61.

Kriuchek, K.F. [Programmed height gauge. Multipurpose rotary device for the layout of small parts] Shtangenreismus s programmnoi nastroikoi. Universal'noe povorotnoe prisposoblenie dlia razmetki malogabaritnykh detalei. Leningrad, 1961. 13 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Opyt novatorov, Serila: Mekhanicheskaia obrabotka metallov, no. 11)

GEAR CUTTING

Gear milling with worm hobs having a positive cutting angle. E.V. Ryzhov, A.F. Chistoplian. Vest. mash. 41 no. 8 86-87 Ag '61.

New techniques in machining bevel gear wheels. A. Agadzhanian. Prom. Arm. 4 no. 5:51 My '61.

GEAR-CUTTING MACHINES

The 5312M gear-milling machine. S.M. Kuznetsov. Biul. tekh.-ekon. inform. no. 8 35-36 '61.

Initial conditions for calculating allowances for worm hobs used for cutting cycloidal wheels. G.V. Grodzenskii. Vzaim. i tekh. izm. v mashinostr.; mezhvuz. sbor. no. 3 93-101 '61.

GEAR-SHAPING MACHINES

The 528 semiautomatic machine for hot form rolling of bevel gears. B.M. Agabin, F.N. Kolesnikov. Biul. tekh.-ekon. inform. no. 8 33-35 '61.

GEARING

Determining friction losses in case of prepole transmission of internal engagement. B.A. Verklov. Vest. mash. 41 no. 8 11-14 Ag '61.

Errors in toothed engagement of a high-speed reducing gear and some problems in the dynamics of the unit. G.A. Livshits. Vzaim. i tekh. izm. v mashinostr.; mezhvuz. sbor. no. 3 66-92 '61.

Moscow. Aviatsionnyi institut imeni Sergo Ordzhonikidze. [Manual for designing aeronautical instruments] Posobie po proektirovaniiu aviatsionnykh priborov. Pod red. B.A. Riabova. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz.

No. 3. Medvedeva-Orlova, T.P. [Lever transmission increase gears] Rychazhnye peredatochno-mnozhitel'nye mekhanizmy. 1961. 85 p.

Precise design of planetary reducing gears according to specifications for the assembly of satellites. G.N. Petrov. Vest. mash. 41 no. 8:10-11 Ag '61.

Thermal analysis of toothed and worm gears. A.I. Pestov. Vest. mash. 41 no. 8:7-9 Ag '61.

GEARING—MAINTENANCE AND REPAIR

Pilisyn, G.A., and V.N. Kokichev. [Calculation and reconditioning of used gears] Raschet i izgotovlenie zubchatykh peredach v remontnom dele; spravochnoe posobie. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 516 p.

GEARING, SPIRAL

Genkin, M.D., and V.K. Grinkevich. [Dynamic loads on helical gears] Dinamicheskie nagruzki v peredachakh s kosozubymi kolesami. Moskva, Izd-vo Akad. nauk SSSR, 1961. 116 p.

Using the method of rolls for calculating dimensions of involute spiral gears with an uneven tooth number. I.P. Nezhurin. Vest. mash. 41 no. 8 14-17 Ag '61.

GEARING, SPUR

Designing spur gearings with the correction coefficients $\xi_1 = \xi_2$ 0.6. V.A. Avakov and others. Azerb. neft. khoz. 40 no. 6 40-43 Je '61.

GEARING, SPUR—TESTING

Analysing some methods for testing spur gears. B.A. Taits. Vzaim. i tekh. izm. v mashinostr., mezhvuz. sbor. no. 3 135-162 '61.

Automatic devices for a two-profile control of spur gear wheels. L.M. Semenova. Vzaim. i tekh. izm. v mashinostr., mezhvuz. sbor. no. 3 372-378 '61.

Exposure of errors of spur gear elements by means of a combined testing. N.N. Markov. Vzaim. i tekh. izm. v mashinostr., mezhvuz. sbor. no. 3 240-270 '61.

GEARING, WORM

Grinding procedures and the geometry of turn surfaces of cylindrical worm gears having a bent-in profile. F.L. Litvin. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 4 154-101 Jl-Ag '61.

GELATIN

Effect of gelatin on a cathodic polarization change in the process of copper electrodeposition. A.F. Vozlaov, V.N. Lapp, L.IA. Dubrovskaia. Zhur. prikl. khim. 34 no. 8:1814-1819 Ag '61.

Effect of tanning agents on the structure of gelatin solutions. N.V. Grigor'eva, V.A. Pchelin, P.A. Rebinder. Dokl. AN SSSR 139 no. 6:1403-1404 Ag '61.

GELATION

Gelation of carboxyl containing latexes with the help of diphenylguanidine and sodium fluosilicate in presence of zinc oxide. S.S. Voiutskii, A.M. Savinkova, V.V. Chernaia. Kauch. i rez. 20 no. 8:4-8 Ag '61.

GELENDZHIK BAY REGION—ANTIQUITIES

Ancient site in Gelendzhik. I.I. Akhanov. Sov. arkheol. 5 no. 3:276-280 '61.

GENERALIZED SPACES see Spaces, Generalized

GENRE PAINTING

[Russian genre painting] Russkaia zhanrovaia zhivopis', Moskva, Gos. izd-vo izobraz. iskus., 1961. 123 plates.

GEOCHEMICAL PROSPECTING

In search for mineral resources. A.I. Perel'man. Priroda 50 no. 9, 98-100 S '61.

GEOCHEMISTRY

(see also subdivision under Azerbaijan)

Present state of knowledge of the geochemistry of porphyrins and their role in the solution of certain problems in petroleum geochemistry. O.A. Radchenko. Azerb. khim. zhur. no. 3:147-153 '60.

Reviews and bibliography. A book opening new vista. Azerb. khim. zhur. no. 1:97-98 '61.

GEODESY

Solution of a cardinal geodetic problem by the use of a new projection method. N.S. Bogolubova. Trudy OmSKhI 42 no. 2:19-30 '60.

Solution of a cardinal geodetic problem by the use of Gaussian equal-angle cylindrical transverse projection. N.S. Bogolubova. Trudy OmSKhI 42 no. 2:3-18 '60.

GEODESY—ABSTRACTS

[Astronomy and geodesy.] Ref. zhur.: Astron. i geod. no. 9 S '61.

GEO-ELECTRIC PROSPECTING see Electric prospecting

GEOGRAPHICAL NAMES see Names, Geographical

GEOGRAPHICAL SOCIETIES see subdivision under Crimea

GEOGRAPHY

(see also subdivision under Asia; Crimea; Dzhambul' Province; Kazakhstan; Moscow Province; Ukraine)

Consultation. Geog. v shkole 24 no. 4:74 Jl-Ag '61.

First Soviet book on theoretical problems in geography ("Theoretical problems in geography" by V.A. Anuchin. Reviewed by IU. Saushkin) Geog. v shkole 24 no. 4: 90-92 Jl-Ag '61.

Geographic news. Geog. v shkole 24 no. 5:73-85 S-O '61.

Geographical news. Geog. v shkole 24 no. 4:75-86 Jl-Ag '61.

GEOGRAPHY—ABSTRACTS

[Geography.] Ref. zhur.: Geog. no. 8 Ag '61.

[Geography.] Ref. zhur.: Geog. no. 9 S '61.

GEOGRAPHY—BIBLIOGRAPHY see Bibliography—Geography

GEOGRAPHY—DICTIONARIES

[Concise geographical encyclopedia] Kratkaia geograficheskaia entsiklopediia. Glav. red. A.A. Grigor'ev. Chleny red. kollegii: P.M. Alampiev i dr. Nauchn. sovet izd-va: A.P. Aleksandrov i dr. Moskva, Gos. nauchn. izd-vo "Sovetskaia entsiklopediia." (Entsiklopedii, slovari, spravochniki)

Vol. 2. Evlakh-Millibar. 1961. 592 p.

GEOGRAPHY—PERIODICALS

"Izvestiia" of the Krasnoyarsk Department of the All-Union Geographical Society, no. 1. Reviewed by E.I. Kapitonov. Geog. v shkole 24 no. 5:92-93 S-O '61.

GEOGRAPHY—STUDY AND TEACHING

Brief news. A. Zimina, A. Dometti. Geog. v shkole 24 no. 4 87-88 Jl-Ag '61.

Concerning the article of A.E. Bibik and I.I. Samotlov. V.G. Erdeli. Geog. v shkole 24 no. 5:54-55 S-O '61.

Content of the lessons should be changed too. P.G. Kochergin. Geog. v shkole 24 no. 5,51-54 S-O '61.

Discussing the geography textbook on a local province. Geog. v shkole 24 no. 5:67-68 S-O '61.

Establishing connections between subjects. L. IAkover. Geog. v shkole 24 no. 4:63-66 Jl-Ag '61.

Establishing continuity between the primary and the fifth grades in the study of geography. V.P. Goroshchenko, A.A. Ryadin. Geog. v shkole 24 no. 4 66-70 Jl-Ag '61.

For the educational role of the geography lessons' subject matter. Geog. v shkole 24 no. 4 2-6 Jl-Ag '61.

Important trend in changing the teaching of geography in school. M.V. Studenikin. Geog. v shkole 24 no. 4: 59-62 Jl-Ag '61.

Let us discuss it thoroughly. F. Tarskoi. Geog. v shkole 24 no. 4 56-59 Jl-Ag '61.

Letters to the editors. Kh.V. Vedrintsev and others. Geog. v shkole 24 no. 4 71-73 Jl-Ag '61.

School of progressive experience. B.D. Korogodskii. Geog. v shkole 24 no. 5:03 S-O '61.

Special aspects of teaching geography in national minority schools. V.G. Popov. Geog. v shkole 24 no. 5, 49-50 S-O '61.

Study of local geography should be expanded. V.A. Shchenev. Geog. v shkole 24 no. 5:56-57 S-O '61.

Study of local lore in the school and tourism. I.S. Il'in'ev. Sov. pedag. 25 no. 8:97-98 Ag '61.

"Using the geographical training area in teaching geography in the fifth grade" by V.G. Erdeli, Kh.A. Samnakaev. Reviewed by M.N. Solodova. Geog. v shkole 24 no. 4:95-98 Jl-Ag '61.

Ways to consolidate students' knowledge of geography. A.V. Darinskii. Geog. v shkole 24 no. 4 40-45 Jl-Ag '61.

Work with geographical maps in the eighth and ninth grades of an evening shift school. D.P. Malygin. Geog. v shkole 24 no. 4:46-52 Jl-Ag '61.

GEOGRAPHY—TEXTBOOKS

New textbook of the geography of the continents. P.N. Schastnev, P.G. Terekhov. Geog. v shkole 24 no. 5: 32-38 S-O '61.

GEOGRAPHY, AGRICULTURAL see Agricultural geography

GEOGRAPHY, ECONOMIC

(see also subdivision 'Economic geography' under Cheremosh Valley; Kazakhstan)

Darinskii, A.V., ed. [Reader on the economic geography of the U.S.S.R.] Khrestomatiia po ekonomicheskoi geografii SSSR; posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 342 p.

Kozlov, M.V. [Economic geography; concise textbook for teachers] Ekonomicheskaia geografiia; kratkoe posobie dlia uchitelia. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 238 p.

Litiikov, N.I. [Economic geography of the U.S.S.R.] Ekonomicheskaia geografiia SSSR; uchebnik dlia IX klassa srednei shkoly. Izd. 4. Moskva, Gos. uchebno-pedagog. izd-vo, 1960. 342 p. (MOC)

GEOGRAPHY, ECONOMIC—METHODOLOGY

"Methology for teaching the economic geography of the U.S.S.R." by I.I. Samotlov. Reviewed by A.M. Likhachev. Geog. v shkole 24 no. 4:92-94 Jl-Ag '61.

GEOGRAPHY, ECONOMIC—STUDY AND TEACHING

Use of local material in teaching the course on economic geography of the U.S.S.R. L.D. Prozorov. Geog. v shkole 24 no. 5:58-62 S-O '61.

GEOGRAPHY, ECONOMIC—TEXTBOOKS

Changes in the 1961 edition of a textbook on the economic geography of the U.S.S.R. N.I. Litiikov. Geog. v shkole 24 no. 4:53-55 Jl-Ag '61.

GEOGRAPHY, HISTORICAL

(see also subdivision under East European Plain)

"Geography," and "Historical geography." Reviewed by B. Sergeev. Geog. v shkole 24 no. 5:91-92 S-O '61.

GEOLOGICAL RESEARCH
(see also subdivision under Buryat-Mongolia)

Central problems of present-day geology and geography. D I Shcherbakov. Vest. AN SSSR 31 no. 8 22-23 Ag '61.

GEOLOGICAL SOCIETIES

Constitutive assembly of the International Union of Geological Sciences. Vest. AN SSSR 31 no 8 98 Ag '61.

GEOLOGICAL SURVEYS
(see also subdivision under Buryat-Mongolia)

[Fundamentals of placer deposit surveying] Osnovy poiskov rossypei; uchebnoe posibie. [Leningrad] Izd-vo Leningr. univ., 1961. 122 p.

New method of detailed geological surveying. A. G. Dzaishvili Izv. AN Turk SSR Ser. fiz.-tekh., khim i geol nauk no. 1 117-118 '61.

GEOLOGICAL SURVEYS—SAFETY MEASURES

Let's eliminate accidents during geological surveys D M Kuras Bezop. truda v prom. 5 no. 8 5-7 Ag '61

GEOLOGICAL TIME
(see also subdivision under Kurama Range; Kyzyl Kum)

Akademiia nauk SSSR, Komissiia po opredeleniiu absolutnogo vozrasta geologicheskikh formatsii. [Transactions of the ninth session of the Commission for the Determination of the Absolute Age of Geologic Formations, June 14-18, 1960] Trudy deviatoi sessii..., 14-18 iiunia 1960 g. Moskva, 1961. 331 p.

Tugarinov, A. I. [For the geologist on methods for the determination of the absolute age of rocks] Geologu - o metodakh opredeleniia absolutnogo vozrasta gornykh porod. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1961. 79 p.

Vinogradov, A. P., and others. [Determination of absolute age by C^{14} with the help of a proportional counter, description of the method of construction and results] Opredelenie absolutnogo vozrasta po C^{14} pri pomoshchi proportional'nogo schetchika, opisanie metoda konstruktsii i rezul'tatov. Moskva, Izd-vo Akad. nauk SSSR, 1961 57 p.

GEOLOGICAL TIME—BIBLIOGRAPHY see Bibliography—Geological time

GEOLOGY
(see also subdivision under Azerbaijan, Chatkal Range, China; East European Plain, Gissar Range, Korea; Tas-Khayakhtakh Range; Turkmenistan; Zaysan Depression)

Akademiia nauk SSSR, Geologicheskii institut. [Problems of Quaternary geology; for the Sixth Congress of the International Association for Quaternary Research in Wasaw, 1961] Voprosy geologii antropogena, k VI kongressu INQUA v Varshave v 1961 godu. Moskva, Izd-vo Akad. nauk SSSR, 1961. 223 p. [With summaries in English.]

Vsesoiuznoe soveshchanie po izucheniiu chetvertichnogo perioda, Moscow, 1957. [Materials of the All-Union Conference on the Study of the Quaternary period] Materialy. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 1. [General problems in the study of the Quaternary period. History of Quaternary flora, fauna, and fossil man] Obshchie voprosy izucheniia chetvertichnogo perioda. Istorifa chetvertichnoi flory, fauny i iskopaemogo cheloveka. 1961. 495 p.
[MICROFILM]

Vsesoiuznoe soveshchanie po izucheniiu chetvertichnogo perioda, Moscow, 1957. [Materials of the All-Union Conference on the Study of the Quaternary period] Materialy. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 2. [Quaternary sediments of the European part of the U. S. S. R.] Chetvertichnye otlozheniia Evropeiskoi chasti SSSR. 1961. 502 p.
[MICROFILM]

GEOLOGY—ABSTRACTS

[Geology.] Ref. zhur. Geol. no. 9 S '61.

GEOLOGY—BIBLIOGRAPHY see Bibliography—Geology

GEOLOGY—CONGRESSES

Zakavkazskaia konferentsiia molodykh nauchnykh rabotnikov geologicheskikh institutov AN Azerbaidzhanskoi SSR, Armianskoi SSR i Gruzinskoi SSR, 3d. [Summaries of reports and guide to the geological field trips of the Transcaucasian Conference of Young Scientists of Azerbaijan, Armenian, and Georgian Geological Institutes] Tezisy dokladov i putevoditeli geologicheskikh ekskursii. Tbilisi, Akad. nauk Gruzinskoi SSR, 1960. 55 p.
[MICROFILM]

GEOLOGY—FIELD WORK see subdivision under Karelia; Petrozavodsk region; Sverdlovsk region; Ural Mountains

GEOLOGY—HISTORY

"Entrails of our earth" by V. Bondarchuk. Reviewed by A. Grygoruk. Znan. ta pratsia no. 10:29 O '61.

GEOLOGY—MAPS

Methods for plotting geological profiles. A. S. Novikova. Metod. izuch. tekt. struk. no. 1 56-114 '60.

Representation of elementary structures on small-scale tectonic maps. E. S. Postelnikov. Metod. izuch. tekt. struk. no. 2 138-141 '61.

Russia (1923- U. S. S. R.) Glavnoe upravlenie geodezii i kartografii. [Geological map of the U. S. S. R.] Geologicheskaia karta SSSR. masshtab 1:10,000,000. Pod obshchei red. i rukovodstvom N. S. Shatskogo Moskva, 1960. col. map.
(CaOTU)

GEOLOGY, ECONOMIC

Kreiter, V. M. [Prospecting for mineral deposits] Poiski i razvedka mestorozhdenii poleznykh iskopaemykh. Izd. 2., polnost'iu perer. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr.
Pt. 2. 1961. 369 p.

GEOLOGY, STRATIGRAPHIC
(see also subdivision under Amu Darya Valley; Apsheron Peninsula, Azovo region, Bashkiria, Binagady region, Chusovaya Valley, Dnieper-Donets Lowland; Fergana; Gissar Range; Golodnaya Steppe, Greater Balkhan Range, Ingulets Valley, Black Sea Lowland, Karaganda Province, Kirov Province, Kopet-Dag; Kozhim Valley; Kyzyl Kum, Lemva Valley; Omega Valley; Pamirs; Pechora Basin, Russian Platform, Salaush region, Soviet Central Asia; Sultan Uizdag, Timan Ridge, Turkmenistan, Ural Mountains; Uzbekistan)

Discussing the problem of the border between the Neogene and Quaternary systems. E. V. Shantser. Vest. AN SSSR 31 no. 8 113-115 Ag '61.

Dividing Quaternary sedimentations into periods. G. F. Korobkova, L. P. Khlobystin. Sov. arkheol 5 no 3 270-272 '61.

GEOLOGY, STRUCTURAL
(see also subdivision under Baku Archipelago; Carpathian Mountains, Crimea; Greater Balkhan Range; Kaiadzhilga Range; Kenderlyk Valley; Kobystan, Krasnodar Territory, Kyurovdag, Marukha Valley, Patom Plateau, Russian Platform; Strelichevo region; Tarkhankut, Cape)

Bondarchuk, V. G. [Basic problems relative to the tectonic movements and orogenesis] Osnovnye voprosy tektoorogenii. Kiev, Izd-vo Akad. nauk URSR, 1961. 381 p. (Akademiia nauk URSR, Kiev. Institut geologicheskikh nauk. Trudy, no. 8)

Effect of enclosing rocks on the geology of dislocations with a break of continuity V. I. Kazanskii, V. M. IAkshin Trudy IGEM no. 41 134-140 '61

Elementary structures, their classification and terminology. P. N. Kropotkin. Metod. izuch. tekt. struk. no. 2 3-137 '61.

Movements of the earth crust. M. N Volkov Nauka i zhyttia 11 no 7:52-54 Jl '61

Recent tectonics in the Tuyuk-Su moraine of the trans-Ili Ala-Tau G. Z. Popova. Trudy Otd geog. AN Kazakh. SSR no. 8 205-209 '61

Some structural elements of the Kakadur-Khanikomskoye deposit. A. S. Marochkin, V. S. Starikov. Izv. vys. ucheb. zav., tsvet. met. 4 no. 4 10-15 '61.

Tectonic analysis of thicknesses. Al. IAnshin, R. G. Garetskii. Metod. izuch. tekt. struk. no. 1 115-333 '60.

Using geophysical investigation methods in studying tectonic structures. A. A. Borisov, IU. A. Kosygin. Metod. izuch. tekt. struk. no. 2 142-210 '61.

GEOLOGY, STRUCTURAL—MAPS

Method of representing tectonic forms by isolines. A. I. Mushenko. Metod. izuch. tekt. struk. no. 1 7-55 '60.

GEOMETRY

Cherniaev, M. P. [Collection of problems in synthetic geometry] Sbornik zadach po sinteticheskoi geometrii; uchebnoe posobie dlia fiziko-matematicheskikh fakul'tetov universitetov i pedinstitutov. [Rostov-na-Donu] Izd-vo Rostovskogo univ., 1961. 117 p.

"Key to arithmetic. Treatise on the circle" by Jamshīd ibn Maśūd al-Kāshī [translated from the Arabic] Reviewed by E. S. Kennedy [translated from the English]. Usp. mat. nauk 16 no. 3 249-253 My-Je '61.

GEOMETRY—PROBLEMS, EXERCISES, ETC.

Book of problems in geometry for the *grades 6-8 of the* eighth-year schools. G. G. Maslova. Mat. v shkole no. 4 58-63 Jl-Ag '61.

Deducing an approximate formula for a segmental area. V. S. Ryko. Mat. v shkole no. 4 67-69 Jl-Ag '61.

Proving a triangle theorem without *the help of the fifth* Euclid postulate. A. P. Matorin. Mat. v shkole no. 4 88-89 Jl-Ag '61.

GEOMETRY—STUDY AND TEACHING

Constructing an angle equal to the given one. A. F. Semenovich. Mat. v shkole no. 4 64-65 Jl-Ag '61.

GEOMETRY, NON-EUCLIDEAN

"Three destinies" by Anna Livanova. Reviewed by D. A. Frank-Kamenetskii. Nauka i zhizn' 28 no. 8 145 Ag '61.

GEOMORPHOLOGY
(see also subdivision under Ikva Valley; Kerch Peninsula; Kursk Magnetic Anomaly)

Main geomorphological problems in connection with the seven-year plan for economic development P. A. Zamorii Geog. zhur no 4 3-13 '61

GEOPHYSICAL PROSPECTING see Prospecting—Geophysical methods

GEOPHYSICS

World center for the collection of geophysical data. A. D. Nikolaev, T. I. Saltykova. Vest. AN SSSR 31 no. 8 81-84 Ag '61.

GEOPHYSICS—ABSTRACTS

[Geophysics.] Ref. zhur. Geofiz. no. 9 S '61. Predmetnyi ukazatel' za 1960 g

GEOPHYSICS—RESEARCH

Committee on space research. Vest. AN SSSR 31 no. 8 96-97 Ag '61.

GEORGIA—AGRICULTURE

Chitaia, G. S. [Agriculture in the Georgian mountains] Ogornom zemledelii v Gruzii. Moskva, 1960. 19
(CLU)

GEORGIA—ALLIED INTERVENTION, 1918-1920

Adamiia, V. I. [History of British intervention in Georgia from 1918 to 1921] Iz istorii angliiskoi interventsii v Gruzii, 1918-1921 gg. Sukhumi, Abgosizdat, 1961. 25

GEORGIA—BUILDINGS, PREFABRICATED

Experimental apartment houses made of prefabricated room-units in Georgia G Chakhava Zhil. stroi 9-12 Ag '61

GEORGIA—CITRUS FRUITS

Alaviдze, G. [Citrus state farms of Georgia] TSitrusovye sovkhozy Gruzii. Tbilisi, Gos. izd-vo "Sakh. Sakartvelo," 1960. 125 p.

GEORGIA—COMMUNIST PARTY

[The 40th anniversary of Soviet rule in Georgia and the formation of the Georgian Communist Party] 40 let ustanovleniia Sovetskoi vlasti v Gruzii i obrazovaniia Kommunisticheskoi partii Gruzii, tezisy otdela propagandy i agitatsii TsK KP Gruzii i Instituta istorii partii pri TsK KP Gruzii - filial Instituta marksizma - leninizma pri TsK KPSS. Tbilisi, Izd-vo TsK KP Gruzii, 1961. 47 p.

GEORGIA—DAIRYING—ACCOUNTING

Readers suggest P. Eroshkin, A. Avetikov Vest. sel. no 8 58-59 '61.

GEORGIA—ECONOMIC CONDITIONS

Gvakharia, L. A. [State taxes and duties in eastern Georgia during the first half of the 19th century Gosudarstvennye podati i povinnosti v Vostochnoi Gruzii v pervoi polovine XIX veka. Tbilisi, Akad. nauk Gruzinskoi SSR] 1960. 115 p. [In Georgian with summary, *Russian*]
(MH)

"Soviet Georgia"; concise study [in Armenian] by M. S. Kacharova. Book review Izv. AN Arm. SSR Obshchestv. nauki no. 5 79-82 My '61.

GEORGIA—EDUCATION, HIGHER

Carrying out the law on institutions of higher learning N. E. Chakhrakiia Vest. vys. shkoly 10 no 8 63-64 Ag '61.

GEORGIA—ELECTRIC INDUSTRIES

Development of the electric industries in the Georgian S. S. R. G. S. Kakabadze Vest. elektroprom 32 no 7-10 S '61.

GEORGIA—FAMILY

Itonishvili, V. D. [From the history of family relationships of the Georgian mountaineers. Iz istorii semeinykh otnoshenii Gruzin-gortsev. Tbilisi, Akad. nauk Gruzinskoi SSR] 1960. 335 p. [In Georgian.]
(MH)

GEORGIA—FLOODS

The technique of forecasting maximum flood discharges (levels) for the rivers of Georgia. A IA Barabash Sbor. rab. Tbil. gidromet. obser no. 1 103-120 '60

GEORGIA—HISTORY

"Soviet Georgia"; concise study [in Armenian] by M. S. Kacharova. Book review. Izv. AN Arm. SSR. Obshchestv. nauki no. 5 79-82 My '61.

GEORGIA—INDUSTRIES

Georgia. Ekonomicheskii administrativnyi raion. *Sovet narodnogo khoziaistva.* [Forty years of Georgian industries, 1921-1961] Promyshlennost' Gruzii za 40 let, 1921-1961 gg. Tbilisi, Izd-vo "Zaria Vostoka," 1961. 253 p.

Khomeriki, G. V. [Current problems in developing the economic aspects of industry in the Georgian S.S.R.] Nekotorye aktual'nye voprosy razvitiia ekonomiki promyshlennosti Gruzinskoi SSR. Tbilisi, TsK KP Gruzii, 1961. 122 p.

GEORGIA—LEATHER INDUSTRY

Expansion of the shoe and leather industry in the Georgian S. S. R. G. M. Bakhtadze. Kozh. obuv. prom 3 no 6 11-14 Je '61

GEORGIA—METEOROLOGY IN AERONAUTICS

Scientists in a close contact with aviators S S Papandopulo Meteor i gidrol no 9 16-17 S '61

GEORGIA—OIL WELL DRILLING FLUIDS

Akademiia nauk Gruzinskoi SSR, Tiflis. Institut khimii. [Clay suspensions in oil-well drilling in Georgia] Glinistye suspenzii v nefteburenii Gruzii, sbornik rabot. Tbilisi, 1961. 153 p.

GEORGIA—PETROLOGY

"Magmatic activity in Georgia and ore formation associated with it" by G.M.Zaridze, N F.Tatrishvili. Reviewed by A. P.Lebedev. Izv. AN SSSR, Ser geol. 26 no.9 111-116 S '61.

GEORGIA—PRECAST CONCRETE CONSTRUCTION

Buildings made of reinforced concrete frames Sel' stroi. 16 no 7 30 Jl '61

GEORGIA—RELATIONS (GENERAL) WITH RUSSIA

[Chronicle of friendship between the Georgian and Russian peoples from ancient times to the present, literary works, documents, letters, memoirs, articles] Letopis' druzhby gruzinskogo i russkogo narodov s drevnikh vremen do nashikh dnei, khudozhestvennye proizvedeniia, dokumenty, pis'ma, memuary, stat'i. Tbilisi, Izd-vo Soiuza pisatelei Gruzii "Zari Vostoka."

Vol. 1, 1961. 573 p.
Vol. 2, 1961. 505 p.

GEORGIA—REVOLUTION, 1917-1921

[The 40th anniversary of Soviet rule in Georgia and the formation of the Georgian Communist Party] 40 let ustanovleniia Sovetskoi vlasti v Gruzii i obrazovaniia Kommunisticheskoi partii Gruzii, tezisy otdela propagandy i agitatsii TsK KP Gruzii i Instituta istorii partii pri TsK KP Gruzii - filial Instituta marksizma - leninizma pri TsK KPSS. Tbilisi, Izd-vo TsK KP Gruzii, 1961. 47 p.

GEORGIA—SHOE INDUSTRY

Expansion of the shoe and leather industry in the Georgian S.S. R G. M. Bakhtadze Kozh. -obuv. prom. 3 no 6,11-14 Je '61,

GEORGIA—SPORTS

Climb the mountains. M Ieshvili. Ogonek 39 no. 33-15 Ag '61.

GEORGIA—STATISTICS

Georgia. Statisticheskoe upravlenie. [Soviet Georgia from 1921 to 1961; statistics] Sovetskaia Gruziia za 40 let, statisticheskii sbornik. Tbilisi, Gosstatizdat, 1961. 207 p.

GEORGIA—TAXATION

Gvakharia, L. A. [State taxes and duties in eastern Georgia during the first half of the 19th century, Gosudarstvennye podati i povinnosti v Vostochnoi Gruzii v pervoi polovine XIX veka. Tbilisi, Akad. nauk Gruzinskoi SSR] 1960. 115 p. [In Georgian with summary in Russian]
(MH)

GEORGIA—TREMATODA

Kurashvili, B. E. [Trematodes (Trematoda) of animals and man in Georgia] Trematody (Trematoda) zhivotnykh i cheloveka v Gruzii. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1961. 183 p. [In Georgian.]

GEORGIA—TRIBES AND TRIBAL SYSTEM

Bagrationi Teimuraz and problems in the development of the primitive communal system of Georgian tribes. A. A. Baramidze Soob AN Gruz. SSR 26 no. 5 631-638 My '61

GEORGIA—WASPS

Materials on a faunistic survey of the genus Vespula (Vespidae, Hymenoptera) in the Georgian S. S. R D. N. *Kobakhidze Soob. AN Gruz SSR 26* no. 5 591-593 My '61.

GEORGIA—WINDS

The technique of forecasting strong winds for 1-3 day periods in Georgia E. IA. Gdzelishvili. Sbor rab. Tbil gidromet obser. no 1.75-86 '60.

GEORGIAN LANGUAGE—MACHINE TRANSLATING

Concerning synthetic machine translating networks for conjunctions and particles in the Georgian language. [in Georgian with summary in Russian]. M.D. Pirtskhalava. Trudy Inst. elek , avtom i telem. AN Gruz. SSR 2-113-115 '61.

GEORGIAN LITERATURE—BIBLIOGRAPHY see Bibliography—Georgian literature

GEORGIANS

Anthropology of the TSova-Tushins [in Georgian with summary in Russian]. L. P. Sharashidze. Trudy Inst. eksp. morf. AN Gruz. SSR 3:260-280 '60.

GERASIMOV, ALEKSANDR MIKHAILOVICH, 1881-

Intonation of painting. A. Zhukova. Ogonek 39 no. 39-6 S '61.

GERBILS AS CARRIERS OF DISEASE

New coccidian species of the genus Eimeria from the red-tailed gerbil (Meriones erythrourus Gray) M A Musaev I' b Alieva Izv. AN Azerb SSR Ser biol. i med nauk no 5,53-59 '61

GERMAN DEMOCRATIC REPUBLIC see Germany, East

GERMAN FEDERAL REPUBLIC see Germany, West

GERMAN LANGUAGE—DICTIONARIES—RUSSIAN

Golman, E. A., and others, comps. [German-Russian dictionary of armored force terms] Nemetsko-russkii avtobronetankovyi slovar'. Pod red. B. O. Berzina. Moskva, Voen. izd-vo M-va obor SSSR, 1961. 487 p.

GERMAN LANGUAGE—FOREIGN WORDS AND PHRASES—SLAVIC

Loan words in the German language. S. S. Shtefurovskyi. Dop. ta pov. UzhDU, Ser filol no 2:113-117 '58

GERMAN REUNIFICATION QUESTION (1949-)

Our common cause. Nov. vrem. 10 no. 36:1-2 S '61.

GERMANATES

Hydrogen bond in acid germanates. Part 1. Infrared spectrum of strontium dihydrogermanate G. P Stavitskaia, [A. I Ryskin Opt i spektr. 10 no 3 343-347 Mr '61

GERMANIUM

Applicability of the parameter "effective surface recombination rate" for Ge and Si. V. A Petrusevich, O. V Sozokin, V. I. Kruglov. Fiz. tver. tela 3 no. 7:2023-2030 Jl '61.

Effect of treating germanium with lead on the life of nonequilibrium charge carriers A K Mednikov Fiz tver. tela 2 no 2:235-240 F '60.

High-frequency germanium power triodes. V. A Struzhinskii Fiz tver. tela 2 no. 3:420-425 Mr '60.

Investigating the tensiometric properties of semiconductors. Part 1. Germanium. A F Gorodetskii S. N. Baranovskii, V. G Marchenko Izv. vys ucheb zav , fiz no 3:66-70 '61

Nature of the volume-gradient emf engendered in germanium by current passing through it P I. Baranskii Fiz. tver tela 2 no 3 463-464 Mr '60.

Optical absorption of germanium and silicon beyond the main absorption edge at high temperatures. IU I Ukhanov. Fiz tver tela 3 no 7,2105-2110 Jl '61.

Photoelectron emission from amorphous and crystalline germanium and silicon Fiz. tver. tela 2 no 2 311-318 F '60

Surface recombination of germanium at high injection levels A. V Rzhanov, I A. Arkhipov. Fiz. tver. tela 3 no. 7:1054-1059 Jl '61.

Two simultaneous diffusion mechanisms acting in germanium. V. E Kosenko Fiz tver. tela 3 no. 7:2102-2104 Jl '61

Volt-ampere characteristics of the photoelectron emission of germanium P G Borzink, P M. Marchuk, O. G Sarbei Fiz tver tela 2 no. 2-306-313 F '60

GERMANIUM—MAGNETIC PROPERTIES

Effect of thermal treatment on the magnetic resistance of germanium. V. V Rybalka, A. V Pereversieva Ukr. fiz zhur. 6 no. 3:424-425 My-Je '61.

GERMANIUM CRYSTALS

Natural frequencies of oscillations of germanium lattices calculated in various approximations. Z. A. Demidenko, T. I. Kucher, K. B. Tolpygo. Fiz. tver tela 3 no. 8:2482-2494 Ag '61.

Parallel study of stresses and dislocations in germanium crystals. V. I. Nikitenko, V. L. Indenbom. Kristallografiia 6 no. 3:432-438 My-Je '61.

Partial adsorption and desorption of residual gas components on the surfaces of germanium and silicon single crystals in a very high vacuum [with summary in English]. N. D. Morhulia, R. Y. Marchenko. Ukr. fiz. zhur. 6 no. 3:376-385 My-Je '61.

Secondary electron emission and elastic reflection of slow electrons by germanium single crystals. A. R. Shul'man, D. A. Ganichev. Fiz. tver. tela 2 no. 3. 530-536 Mr '60.

GERMANIUM CRYSTALS—ELECTRIC PROPERTIES

Investigation of the surface electric conductivity of germanium single crystals V. A. Presnov, V. F. Synorov Fiz tver tela 2 no 3.381-387 Mr '60.

GERMANIUM CRYSTALS—GROWTH

Growth of germanium films from the gaseous phase. G. A. Kurov. Fiz. tver. tela 3 no. 7:2080-2088 Jl '61.

Investigation of the effect of certain factors on the formation of dislocations during crystallization and their states in germanium single crystals. A. D. Beliaev, V. N Vasilevskaia, E G. Miseliuk. Fiz. tver. tela 2 no. 2 227-234 F '60.

GERMANIUM-SILICON ALLOYS

Investigation of microliquation in the crystallization of germanium-silicon alloys V G Fomin, O V Bogorodskii. Kristallografiia 6 no. 3 455-459 My-Je '61

GERMANY—BOUNDARIES—POLAND

Goguel, Rudi, and Heinz Pohl [Oder-Neisse, border of peace. Translated from the German] Oder-Neisse, granitsa mira. Moskva, Izd-vo inostr. lit-ry, 1960. 198 p.
(CLU)

GERMANY—ECONOMIC CONDITIONS

Economic competition between the German Democratic Republic and the German Federal Republic as a part of the competition of two world systems [with summary in English] D S Korchunova Vest. LGU 16 no 17 36-48 '61

GERMANY—FILTERS AND FILTRATION

Stellar filters (from "Zeitschrift für die Zuckerindustrie," no. 12, 1960) Sakh prom 35 no 8:40 Ag '61

GERMANY—MIDDLE AGES

"Historical role of the German interpretation of kingship and nobility" [in German] by Karl Hauck Reviewed by A I Neusykhin Sred. veka no 20 294-300 '61

GERMANY—MINISTERIALS

German ministerials from the 10th to the 12th century [with summary in German] N F Kolesnitskii Sred veka no 20 32-55 '61

GERMANY—ROMANTICISM

German romanticism and the work of E. T. A. Hoffmann N. M. Bernovskaia. Vest. ist. mir. kul't no 4 121-131 Jl-Ag '61

GERMANY—SILVER MINES AND MINING

Social relations in the mining region of Freiberg, Saxony from 1440 to 1190 [with summary in German] M M Smirin Sred veka no 20:121-150 '61.

GERMANY—WORLD WAR, 1939-1945

"German generals under Hitler and after his death" by L. A. Berymenskii. Reviewed by P. Naumov Kommunist 38 no. 15 121-127 O '61.

GERMANY, EAST

Western outpost of socialism. Sov. profsoiuzy 17 no. 10:36 S '61.

GERMANY, EAST—ARMED FORCES

We try to increase our military preparedness. V. Ferner. Komm. Vooruzh Sil 1 no 4:76-81 F '61

GERMANY, EAST—ART

"Art in the German Democratic Republic, 1949-1959" [in German]. Reviewed by A. Tikhomirov. Iskusstvo 24 no. 7:68-69 '61.

GERMANY, EAST—AUTOMOBILES, RACING—EQUIPMENT AND SUPPLIES

Equipment for a rally car (from "Illustrierter Motorsport"). Za rul. 19 no. 7 31 Jl '61.

GERMANY, EAST—COAL MINERS

"Days spent with Sepp Zach" by Regina Hastedt. Reviewed by Pl'shov. Sov. shakht. 10 no. 9,36 S '61.

GERMANY, EAST—DESCRIPTION AND TRAVEL

On the ruins of the past. Helmut Pelzer. Ogonek 39 no. 25:20-29 Je '61.

GERMANY, EAST—EDUCATION, HIGHER

Our countries have common goals. V. Girnus. Vest. vys shkoly 10 no. 8:36-37 Ag '61.

GERMANY, EAST—FUR INDUSTRY

International Fall Fair in Leipzig. D. A. Solov'ev, V. N. Dorokhov. Kozh. -obuv. prom 3 no 8:30-31 Je '61

GERMANY, EAST—MACHINERY INDUSTRY—ACCOUNTING

TSentral'nyi institut tekhnologii i organizatsii mashinostroeniia. Otdel organizatsii proizvodstva. [Organizing work according to the sorting method; planning, regulation and production accounting. Work practice of machinery manufacturing plants in the German Democratic Republic. Translated from the German. Preface by V. I. Somononko] Organizatsiia raboty po sortirovochnomu metodu; planirovanie, regulirovanie i uchet proizvodstva. Opyt raboty mashinostroitel'nykh zavodov Germanskoi Demokraticheskoi Respubliki. Moskva, Gosplanizdat, 1961. 111 p.

GERMANY, EAST—MANUFACTURES

Made in the German Democratic Republic. Ogonek 39 no. 26.5 Je '61.

GERMANY, EAST—OPTICS—CONGRESSES

Conference on optics and spectroscopy at all wavelengths held in the German Democratic Republic. Opt. i spektr. 10 no. 3:422-423 Mr '61.

GERMANY, EAST—ORE DRESSING—EQUIPMENT AND SUPPLIES
Concentration tables with concrete decks I I Vaneev Obog i rud 4 no 6 51 '59

GERMANY, EAST—SOCIALIST COMPETITION
For peace, welfare and happiness. Günter Poggel. Sov.profsoiuzy 17 no.18 36-37 S '61.

GERMANY, EAST—SPECTRUM ANALYSIS—CONGRESSES
Conference on optics and spectroscopy at all wavelengths held in the German Democratic Republic. Opt i spektr 10 no 3,422-423 Mr '61

GERMANY, EAST—TEACHING
Organizing the independent activity of students in schools of the German Democratic Republic Helmuth Klein Sov pedag 25 no 8 136-141 Ag '61

GERMANY, EAST—TRADE UNIONS
For peace, welfare and happiness Günter Poggel. Sov.profsoiuzy 17 no.18-36-37 S '61
This is the future of the working class. Werner Kaufman. Sov.profsoiuzy. 17 no.18-38-39 S '61.
We are strengthening the Republic with our labor, Henry Hamann. Sov profsoiuzy 17 no 18;42 S '61

GERMANY, EAST—YOUTH
This is the future of the working class. Werner Kaufman. Sov.profsoiuzy 17 no.18-38-39 S '61.

GERMANY, WEST—CATHOLIC CHURCH
Catholicism and right-wing socialism in West Germany. Dieter Bergner Vop filos 15 no.9;44-52 '61

GERMANY, WEST—CRUSHING MACHINERY
New types of cone crusher, an abstract. N S Sason, A. F. Bychkov Obog rud 4 no 6 50-53 '59

GERMANY, WEST—CRUSHING MACHINERY—EXHIBITIONS
Exhibition of crushing and ore dressing equipment in Essen (German Federal Republic) [from Zeitschr. f. Erzbergbau und Metallhuttenwesen no. 11, 1958] N S Sason, A F Bychkov. Obog rud 4 no 4 53-55 '59

GERMANY, WEST—DEFENSES
German Federal Republic at a new stage of militarization. N. Inozemtsev. Voen vest 41 no 5-117-119 My '61.
History teaches.... Ogonek 39 no. 25-6-7 Je '61.

GERMANY, WEST—ECONOMIC CONDITIONS
Goleva, A. P. [Criticism of the bourgeois theory of "free enterprise", using the example of West German neoliberalism] Kritika burzhuaznoi teorii "svobodnogo predprinimatel'stva", na primere Zapadnogermanskogo neoliberalizma. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 47 p.

GERMANY, WEST—FASCISM
Twenty years later. Ilia Ehrenburg. Ogonek 39 no. 25-4-5 Je '61.

GERMANY, WEST—MILITARY POLICY
Bezymenskii, L. A. [German generals under Hitler and after his death] Germanskie generaly - s Gitlerom i bez nego. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 367 p.
"German generals under Hitler and after his death" by L. A. Bezymenskii. Reviewed by P. Naumov. Kommunist 38 no. 15,124-127 O '61.

GERMANY, WEST—ORE DRESSING—EQUIPMENT AND SUPPLIES
Unit for dressing aidorite ore in heavy suspensions (Siegerland, German Federal Republic). S. G. Evstovich. Obog. rud 3 no. 6-53-56 '58

GERMANY, WEST—WORLD WAR, 1939-1945—HISTORIOGRAPHY
West German historiography on the Fascist bloc in the Second World War A Mertsalov Voen -ist zhur 3 no. 7,106-113 Jl '61

GERMICIDES see Disinfection and disinfectants

GERMINATION
Characteristics features of germination in mountain plants [with summary in English] I V. Vainshti. Ukr zhur 18 no. 4 74-80 '61
Effect of scarification on the germinability of perennial lupine [with summary in English]. Kh. K. Asarov Izv. TSKhA no. 2 224-227 '61.
Effect of the seed coat, humidity, and degree of the ripeness of fruit on the germination of cherry and plum seeds. G. V. Zubareva. Trudy OmSKhI 43 115-121 '61

GERMS see Micro-organisms

GEROYEVSKOYE—WORLD WAR, 1939-1945—AMPHIBIOUS OPERATIONS
Gladkov, V. F. [El'tigen landing] Desant na El'tigen. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 261 p. (Voennye memuary)

GEYSERS see subdivision under Boya-Dag

GHANA—FOREIGN ECONOMIC RELATIONS—NORTH AFRICA
Economic contacts of Ghana with Maghreb in the middle of the 11th century as described in the writings of Arabic authors. E A. Tarverdova Kr.nt. soob Inst. nar Azii no. 48 72-83 '61

GIBBERELLIC ACID
Effect of gibberellic acid on the growth and auxin metabolism of isolated tissue cultures exposed to light of different quality. R G Butenko, Z M IAkovleva, N. N Dmitrieva. Dokl AN SSSR 139 no. 5-1246-1249 Ag '61.

GIBBERELLINS
Stimulative effect of gibberellin [with summary in English]. M. M Gukova, V. V. Faustov. Izv. TSKhA no 2 114-128 '61

GIRDERS see Beams and girders

GIRDERS, CONTINUOUS see Beams and girders, Continuous

GISSAR RANGE—COAL—ANALYSIS
Petrographic composition of coals from the southwestern spurs of the Gissar Range. IU. M. Kuzichkina. Trudy Uz.geol. upr. no. 1:105-116 '60.

GISSAR RANGE—GEOLOGY
Southern Gissar structural-facies zone and the Gissar deep-seated fracture. S. K. Ovshinnikov. Izv.Otd.geol.-khim. i tekh nauk AN Tadzh SSR no 1.91-98 '59.

GISSAR RANGE—GEOLOGY, STRATIGRAPHIC
Recent data on the stratigraphy and jointing of an upper Jurassic limestone series of the southwestern spurs of the Gissar Range M. G. Romashova. Trudy VNIGRI no. 165:171-199 '61.

GISSAR RANGE—ROCKS, IGNEOUS
Geological and petrographic characteristics of effusive rocks in the Zeravshan-Gissar mountain area. R. B Baratov. Izv. Otd. geol. -khim. i tekh. nauk AN Tadzh. SSR no 1 83-89 '59.

GLACIAL COSMOGONY see Cosmogony, Glacial

GLACIERS
(see also subdivision under Baskan Valley; Caucasus, Dzungarian Ala-Tau)
Tronov, M. V. [The problem of glacier development] Problema razvitiia lednikov. Tomsk, Izd-vo Tomskogo univ., 1960. 113 p.

GLACIOLOGY
Akademiia nauk SSSR. Mezhduvedomstvennyi komitet po provedeniiu Mezhdunarodnogo geofizicheskogo goda. [Glaciological research during the International Geophysical Year] Gliatsiologicheskie issledovaniia v period MGG; sbornik statei. IX razdel programmy MGG (glitsiologiia). Moskva, [In Russian with summaries in English.]
No. 1. 1959. 100 p.

GLANDS
Changes with age in the height of wax glands in different bee groups [with summary in English]. E. D. Bozina. Zool. zhur. 40 no. 8:1159-1163 Ag '61.

GLANDS, DUCTLESS see Endocrine glands

GLASS
Determination of the coefficient of water diffusion in thin films on a glass surface. D. P. Dobychin, A. K. Pogodaev. Zhur. prikl. khim. 34 no. 8:1748-1752 Ag '61.
Synthesis of types of glass for glass-reinforced concrete. N. N. Ermolenko, IU. V. Kondrat'eva. Sbor. nauch. rab. Inst. bud. i arkhit. AN BSSR no. 4:24-30 '60.
Vitreous semiconductors Part 9. Glass formation in complex chalcogenides based on arsenic sulfide and arsenic selenide N A. Goriunova, B T Kolomiets, V P Shilo Fiz. tver. tela 2 no 2 280-283 F '60.

GLASS—CONGRESSES
Conference on setting effective norms for the consumption of window glass Stek i ker. 18 no 8 46-47 Ag '61

GLASS—ELECTRIC PROPERTIES
Electric conductivity of sodium-aluminum-silicate glass V. A Ioffe, G I. Khvostenko Fiz tver. tela 2 no 2 509-516 Mr '60

GLASS, COLORED
Beauty without a refuge. N. Tolchenova. Ogonek 39 no. 34-30-32 Ag '61

GLASS CONSTRUCTION
Glass bricks in construction L. Shvarts. Stroi i arkhit 9 no. 8 18 Ag '61
Summaries of books. Na stroi. Ros. no. 7:40 Jl '61

GLASS FACTORIES
Choosing a technical layout for machine and furnace plants and for cutting plants K. A. Miasnikov Stek i ker. 18 no. 8:4-11 Ag '61.

GLASS FIBERS
Steel elements with ties made of glass fibers. V. P. Filatovtov. Strot. i arkhit. 9 no. 7:19-20 Jl '61
Using glass fibers as reinforcement in glass-reinforced concrete elements. N. P. Frolov, IU. V. Degtiar'. Sbor. nauch. rab. Inst. bud. i arkhit. AN BSSR no 4:15-23 '60.

GLASS FURNACES
Automatic control for changing the direction of the flame in pot furnaces. M. A. Zezin, I. D. Rakov, N. I. Popov Stek. i ker 18 no. 8:18-22 Ag '61
Operation of molybdenum and graphite electrodes in an electric glass furnace. A. Melik-Akhnazarian, S. Rustambekian, K. Tatevosian. Prom. Arm. 4 no 6 57-60 Je '61.
Replacing the floor under the central part of the treatment channel. F. A. Oblival'nii and others Stek i ker 18 no. 8,37 Ag '61.
Ways of improving the productivity of pot furnaces for plate glass. M. G. Stepanenko, V. S Pavlov. Stek i ker 18 no. 8:12-15 Ag '61.

GLASS MANUFACTURE
Expansion theory of volcanic glass. V. V Vorobiova Trudy Alt GMNII AN Kazakh. SSR 11 125-129 '61
From the pages of foreign magazines. Stek. i ker. 18 no. 8,43-46 Ag '61.
In celebration of the 22d Congress of the CPSU Stek i ker. 18 no. 8;42 Ag '61
Production line for breaking off, cutting, and packing glass. F. I. Torlin. Stek. i ker. 18 no. 8:16-18 Je '61
Story about "sital." O. Eromyts'kyi. Znan. ta pratsia no. 10; 22-23 O '61.
Urgent problems for planning institutes and design bureaus of the glass industry. Stek. i ker. 18 no 8 1-3 Ag '61.

GLASS MANUFACTURE—CHEMISTRY
Vitrification of liquids and polymers under pressure Part 5 Production of condensed glass N. I Shishkin Fiz. tver. tela 2 no. 2:350-357 F '60.
Vitrification of liquids and polymers under pressure Part 6. Temperature dependence of the volume of condensed glass N. I. Shishkin, O. F. Kovalichev Fiz tver. tela 2 no. 2:358-360 F '60.

GLASS MANUFACTURE—EQUIPMENT AND SUPPLIES
Volnborg, K. I., and others. [Equipment for glass plants] Oborudovanie stekol'nykh zavodov. Pod red. M. I. Reznikova, Izd. 2., ispr. i dop. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 618 p.

GLASS PAINTING AND STAINING
"Stained glass" by E. Minukhin. Reviewed by P. Krasner. Iskusstvo 24 no. 7.69 '61.

GLASS PIPE see Pipe, Glass

GLASS REINFORCED PLASTICS
Time effects in a glass-cloth laminate in connection with deformation [with summary in English]. V. A. Lomakin, P. M. Ogibalov, I. M. Tiuneeva. Vest. Mosk un. Ser I: Mat., mekh. 16 no. 4:39-47 Jl-Ag '61.

GLASS RESEARCH
Automatic glass. A. Ovsienko. Znan. ta pratsia no. 7: 12 Jl '61.

GLAZES
Black glaze for porcelain. V. P. Shvaiko. Stek. i ker. 18 no. 8:33-35 Ag '61.
Glazes based on local boron-silicate ores. L. I. Korent. L. I. Sokolov, R. V. Marach. Stek. i ker. 18 no. 8.35-36 Ag '61.
Machines for glazing dishes. L. G. Reznikov. Stker. 18 no. 8:37-40 Ag '61.

GLAZING

Shepelev, A. M. [Glazing] Stekol'nye raboty. Izd. 2, perer. i dop. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 187 p. (Biblioteka molodogo rabochego)

GLAZING—EQUIPMENT AND SUPPLIES

Glazier's combination tool. Sel' stroi. 16 no. 7 27 Jl '61

GLAZUNOV, ALEKSANDR KONSTANTINOVICH, 1865-1936

A. K. Glazunov's "Violin concerto." V. P. Makarov. Nauch.-metod. zap. Ural. gos. konser. no. 3 135-164 '59

GLIDING AND SOARING

(see also subdivision under Yessentuki)

Distance for the gliding of a winged aircraft moving with cosmic speeds. F. G. IAsinskii. Izv. vys. ucheb. zav., av. tekh. 4 no. 3, 31-37 '61

Piloting the A-15 glider. V. Simonov. Kryl. rod. 12 no. 8 12-13 Ag '61

GLORIOZOV, PAVEL ALEKSANDROVICH, 1901-

Celebrating the anniversary of P. A. Gloriozov, a teacher. Khim. v shkole. 16 no. 4, 96 Jl-Ag '61

GLUCOSE PHOSPHATE

Polarographic investigation of the suitability of quinhydrone preparation for pH measurement of glucose-phosphate solutions. V. M. El'gort, Z. I. Zelikman. Izv. vys. ucheb. zav., pishch. tekh. no. 4 146-148 '61

GLUTACONALDEHYDE

Absorption spectra and structure of glutaconaldehyde dianils. N. E. Grigor'eva, L. P. Kruglyak, L. I. Shcherbakova. Zhur. ob. khim. 31 no. 8 2599-2601 Ag '61.

GLUTAMIC ACID

Electron diffraction study of poly-γ-methyl L-glutamate. B. K. Vainshtein, L. I. Tatarinova. Dokl. AN SSSR 139 no. 6, 1347-1350 Ag '61

Synthesis of substances containing fragments of folic acid. Part I. Synthesis of some derivatives of glutamic acid. L. V. Alekseeva, Z. V. Pushkareva. Zhur. ob. khim. 31 no. 8 2567-2572 Ag '61

GLYCINE

Metabolism of C^{14}-labeled glycine in calcified tissues during acute radiation sickness. A. A. Prokhonchukov. Radiobiologiia 1 no. 3, 340-349 '61.

GLYCINE—ELECTRIC PROPERTIES

Frequency characteristics of triglycine sulfate. V. M. Petrov. Kristallografiia 6 no. 4, 632-635 Jl-Ag '61.

GLYCINE CRYSTALS—ELECTRIC PROPERTIES

Dielectric properties of deuterated triglycine sulfate crystals. I. M. Sil'vestrova. Kristallografiia 6 no. 4, 582-590 Jl-Ag '61.

GLYCOGEN

Some results of a histochemical study of lymph nodes, the spleen, and the liver in experimental brucellosis. N. I. Tatishvili. Soob. AN Gruz. SSR 26 no. 5 607-614 My '61

GLYCOLS

Preparation of glycol(mono) ester of naphthenic acids. V. I. Isaguliants, G. G. Ashumov. Azerb. khim. zhur. no. 5, 25-27 '60.

Synthesis and study of the transformations of glycols of the 6-series. Part I. Transformations of 2, 3, 6-trimethyl-5-keto-3-hepten-2, 6-diol. T. A. Favorskaia, Z. A. Shevchenko. Zhur. ob. khim. 31 no. 8, 2526-2533 Ag '61.

GLYCOSIDES

Kinetics of the acid hydrolysis of certain phenol and chlorophenol glycosides. B. N. Stepanenko, O. G. Serdiuk. Dokl. AN SSSR 139 no. 5, 1132-1135 Ag '61

GLYOXIME

Complex compounds of trivalent cobalt with dimethylglyoxime and thiourethane. A. V. Ablov, V. N. Shafranskii. Zhur. neorg. khim. 6 no. 8 1781-1785 Ag '61.

GMYREV, ALEKSEI MIKHAILOVICH, 1887-1911

"Path of Aleksei Gmyrev" by T. Uralov. Reviewed by Ivan Trofimov. Sov. Ukr. 11 no. 9, 177-178 S '61.

GOGGLES, SAFETY see Safety goggles

GOGOL', NIKOLAI VASIL'EVICH, 1809-1852

Zen'kovskii, V. V. N. V. Gogol'. Paris, YMCA-Press [1961] 261 p. (MH)

GOITER

Akademiia meditsinskikh nauk SSSR, Moscow. [Transactions of an out-of-town session of the Academy of Medical Sciences of the U. S. S. R. in Baku] Trudy vyezdnoi sessii Akademii meditsinskikh nauk SSSR v Baku. Moskva, Gos. izd-vo med. lit-ry, Medgiz, 1961. 335 p.

Reproduction of the basic symptoms of cathyroid goiter under experimental conditions. B. V. Aleshin, V. V. Maniina. Probl. endok. i gorm. 7 no. 1 3-18 '61.

GOLD

Effect of gold on the electrical properties of silicon. B. I. Boltaks, G. S. Kulikov, R. Sh. Malkovich. Fiz. tver. tela 2 no. 2 181-191 F '60

Problem of the existence of a trivalent aquoion of gold. A. A. Bezzubenko, B. I. Peshchevitskii. Izv. Sib. otd. AN SSSR no. 8, 62-67 '61.

GOLD—ISOTOPES

Incorporation of the isotope Au^{198} into an anodic oxide film on aluminum. A. P. Bogoiavlenskii, N. K. Matiazh. Zhur. prikl. khim. 34 no. 8, 1892-1893 Ag '61

Liver clearance. Report No. 1. Determination of clearance with radioactive colloid gold. I. Mincu, R. Georgescu, N. Buacilla. Klin. med. no. 7 50-51 '61

GOLD—OPTICAL PROPERTIES

Comments on A. N. Tekuchev's article "Absorption and dispersion of thin films of gold." I. N. Shklyarevskii. Opt. i spektr. 10 no. 6 810 Je '61

GOLD COMPOUNDS

Extraction of gold hydrocyanic acid with n-trioctylamine. O. E. Zvyagintsev, O. I. Zakharov-Nartsissov, A. V. Ochkin. Zhur. neorg. khim. 6 no. 8 1978-1979 Ag '61

GOLD CYANIDE

Liquid extraction of complex cyanide compounds of gold and silver from alkaline solutions. B. N. Laskorin, I. N. Plaksin. Dokl. AN SSSR 139 no. 5 1170-1172 Ag '61

GOLD ORES see subdivision under Kurtushibinskiy Range, Zeya Valley

GOLDEN HORDE

Hoard of Juji coins. G. A. Fedorov-Davydov. Num. i sfrag. no. 1, 91-102 '60.

Safargaliev, M. G. [Disintegration of the Golden Horde] Raspad Zolotoi Ordy. Saransk, Mordovskoe knizhnoe izd-vo, 1960. 274 p. (Saransk. Mordovskii gosudarstvennyi universitet. Uchenye zapiski, no. 11)

GOLODNAYA STEPPE—AGRICULTURE

Problems with regard to efficient use of land in the Golodnaya Steppe. G. I. L'Noi. Mat. po proizv. sil Uzb. no. 15, 441-447 '60

GOLODNAYA STEPPE—BUILDING MATERIALS

Mineral raw materials for the production of building materials in the Golodnaya Steppe. M. I. Zharskii, N. I. Esterlis. Mat. po proizv. sil Uzb. no. 15 383-388 '60.

GOLODNAYA STEPPE—CLIMATE

Climate of the Golodnaya Steppe. I. A. Molchanov. Mat. po proizv. sil. Uzb. no. 15, 8-13 '60.

GOLODNAYA STEPPE—CONCRETE—CORROSION

Causes of the corrosion of concrete structures and measures for its prevention in the Golodnaya Steppe. F. E. Glekel', I. S. Kantsepol'skii. Mat. po proizv. sil. Uzb. no. 15, 425-434 '60

GOLODNAYA STEPPE—DRAINAGE RESEARCH

Movement of water and salts toward drains in case of upward motion of ground water under pressure. P. V. Fedorov, G. A. Tishenko. Mat. po proizv. sil. Uzb. no. 15, 113-138 '60.

GOLODNAYA STEPPE—DWELLINGS

Housing in the Golodnaya Steppe. F. G. Vyshkind. Mat. po proizv. sil. Uzb. no. 15, 410-424 '60.

GOLODNAYA STEPPE—ELECTRIC POWER

Electric power supply system for the Golodnaya Steppe. V. A. Andreev, P. D. Kim. Mat. po proizv. sil. Uzb. no. 15, 375-382 '60

GOLODNAYA STEPPE—GEOLOGY, STRATIGRAPHIC

Some problems concerning the geological structure and paleogeography of the Golodnaya Steppe in the Quaternary period. A. A. IUr'ev. Mat. po proizv. sil. Uzb. no. 15, 14-30 '60.

GOLODNAYA STEPPE—GRAPES—IRRIGATION

Irrigating vineyards in the Golodnaya Steppe. IA. T. Bachevskii. Vest. sel'khoz. nauki [Kazakh.] 4 no. 1, 49-53 Ja '61.

GOLODNAYA STEPPE—IRRIGATION

Automation and remote control of hydraulic and land-improving structures in the Golodnaya Steppe. L. M. IAroshetskii. Mat. po proizv. sil. Uzb. no. 15, 332-336 '60.

New technique in the irrigation project of the State Farm No. 4 in the Golodnaya Steppe. G. O. Khorst. Mat. po proizv. sil. Uzb. no. 15, 347-353 '60.

GOLODNAYA STEPPE—IRRIGATION CANALS AND FLUMES

Deep compaction of soils as a seepage preventing measure in canals. E. D. Rozhdestvenskii and others. Mat. po proizv. sil. Uzb. no. 15, 214-220 '60

Field experiments in impact compaction carried out in the canal M-2. U. IU. Pulatov, S. D. Pak, E. M. Ostrovskii. Mat. po proizv. sil. Uzb. no. 15, 221-231 '60

Lining of the canal M-2 on the Fakhrad State Farm. A. P. Shipilov, N. A. Kanavin. Mat. po proizv. sil. Uzb. no. 15, 232-242 '60

Organizing the operation of the Kirov main canal on the basis of a new technique. L. A. Vartazarian. Mat. po proizv. sil. Uzb. no. 15, 337-346 '60

Seepage preventing measures in intrafarm distributing canals of the Golodnaya Steppe. V. I. Brusentsev, I. P. Aidarov. Mat. po proizv. sil. Uzb. no. 15, 179-196 '60

Some problems in increasing the durability of concrete linings of irrigation canals in gypsum-bearing soils of the Golodnaya Steppe. K. V. Rapoport. Mat. po proizv. sil. Uzb. no. 15, 243-246 '60

GOLODNAYA STEPPE—LANDSCAPE GARDENING

Organization of work in shelterbelt forestry and landscape gardening in the Golodnaya Steppe. R. G. Nasyrov, A. I. Molchanova. Mat. po proizv. sil. Uzb. no. 15, 148-155 '60

GOLODNAYA STEPPE—RAILROADS—CONSTRUCTION

Construction of the Syr-Darinskaya - Dzhizak railroad line. B. A. Knitskii. Mat. po proizv. sil. Uzb. no. 15, 135-140 '60.

GOLODNAYA STEPPE—RECLAMATION OF LAND

Man has created soil. V. Krupin. Ogonek. 39 no. 10, 16-17 S '61.

Preface. Mat. po proizv. sil Uzb. no. 15, 5-8 '60

State of land reclamation in the zone controlled by the Kirov Canal. B. A. Mikhel'son, V. F. Polatkov. Mat. po proizv. sil Uzb. no. 15, 247-250 '60.

GOLODNAYA STEPPE—RESEARCH

Organization and some results of research in the Golodnaya Steppe. D. M. Gavrilenko, T. I. Kriuger, V. IA. Moshchenko. Mat. po proizv. sil. Uzb. no. 15, 463-475 '60.

GOLODNAYA STEPPE—SALT DEPOSITS

Mineralogy of recent salt deposits in the Golodnaya Steppe. I. V. Rubanov. Mat. po proizv. sil. Uzb. no. 15, 147-150 '60.

GOLODNAYA STEPPE—SIEROZEM SOILS

Effect of irrigation farming on light-colored sierozems of the Golodnaya Steppe. I. D. Dergunov. Mat. po proizv. sil. Uzb. no. 15, 157-164 '60.

GOLODNAYA STEPPE—SOIL MECHANICS

Compactibility of loess soils in the Golodnaya Steppe. N. N. Frolov. Mat. po proizv. sil. Uzb. no. 15, 80-100 '60.

Settling characteristics of soils in the central part of the Golodnaya Steppe. Kh. A. Askarov, G. I. Urmanova. Mat. po proizv. sil. Uzb. no. 15, 80-89 '60

Slope stability in saturated loess soils of the Golodnaya Steppe. M. P. Kurbanov, R. A. Abdullaev, I. V. Repnikova. Mat. po proizv. sil Uzb. no. 15, 166-178 '60

Specific resistance of soils in the Golodnaya Steppe. S. V. Amplevskaia, M. A. Akhmedzhanov. Mat. po proizv. sil. Uzb. no. 15, 101-105 '60.

GOLODNAYA STEPPE—SOIL PERCOLATION

Filtration characteristics of soils in the Golodnaya Steppe. I. P. Mochalov. Mat. po proizv. sil. Uzb. no. 15, 107-112 '60.

GOLODNAYA STEPPE—SOIL PHYSICS

Application of radioisotopes to the study of the movement of salts in the soils of the Golodnaya Steppe. M. Kh. Khaimatov, L. M. Nikiforova. Izv. AN Uz. SSR Ser. fiz.-mat. nauk 3, 48-52 '61.

GOLODNAYA STEPPE—SOIL STABILIZATION

Deep compaction of soils as a seepage preventing measure in canals. E. D. Rozhdestvenskii and others. Mat. po proizv. sil. Uzb. no. 15, 214-220 '60

Deep compaction of soils with intact structure in the Golodnaya Steppe. V. A. Bukhovnyi. Mat. po proizv. sil. Uzb. no. 15, 205-213 '60.

Field experiments in impact compaction carried out in the canal M-2. U. IU. Pulatov, S. D. Pak, E. M. Ostrovskii. Mat. po proizv. sil. Uzb. no. 15, 221-231 '60

GOLODNAYA STEPPE—STATE FARMS

Basic problems in planning the sections of state cotton farms in the Golodnaya Steppe. P. K. Tatur. Mat. po proizv. sil. Uzb. no. 15, 389-409 '60

Building on state farms in the Golodnaya Steppe. P. IAsakov, F. Vyshkind. Zhil. stroi. no. 8 22-25 Ag '61.

GOLODNAYA STEPPE—TERMITES—EXTERMINATION

Termites in the Golodnaya Steppe and measures for their control. A. G. Davletshina, A. S. Bogolubova. Mat. po proizv. sil. Uzb. no. 15, 458-462 '60

GOLODNAYA STEPPE—WATER, UNDERGROUND

Artesian feeding of ground waters in the Golodnaya Steppe. N. A. Konesarin, N. N. Khodzhibaev. Mat. po proizv. sil. Uzb. no. 15, 31-35 '60.

Land reclamation problems in the Golodnaya Steppe. N. I. Bronitskii. Mat. po proizv. sil. Uzb. no. 15, 260-270 '60.

GOLODNAYA STEPPE—WATER, UNDERGROUND—COMPOSITION

Zonal distribution of ground waters by their chemical composition in the Golodnaya Steppe. A. S. Khasanov. Mat. po proizv. sil. Uzb. no. 15, 40-50, '60.

GOLODNAYA STEPPE—WATER SUPPLY

Domestic water supply in inhabited places of the Golodnaya Steppe. V. A. Andreev, I. A. Gekhtman. Mat. po proizv. sil. Uzb. no. 15, 316-325, '60.

Use of underground water for water supply and irrigation in the Golodnaya Steppe. G. D. Antonova. Mat. po proizv. sil. Uzb. no. 15, 307-315, '60.

GOLODNAYA STEPPE—WINDBREAKS, SHELTERBELTS, ETC.

Organization of work in shelterbelt forestry and landscape gardening in the Golodnaya Steppe. R. G. Nasyrov, A. I. Molchanova. Mat. po proizv. sil. Uzb. no. 15, 448-455, '60.

GOLUBEV, VASILII IVANOVICH, 1891-

Vasilii Antonovich Golubev. V. M. Bradis. Mat. v shkole, no. 4, 74-77, Jl-Ag '61.

GONCHAROV, ANDREI DMITRIEVICH, 1903-

Goncharov, A. D. Andrei Dmitrievich Goncharov. Moskva, "Iskusstvo," 1960. 9 p. 33 plates. (Mastera knizhnoi grafiki.)
(NN)

GORBATOV, BORIS LEONT'EVICH, 1908-1954

The Great Patriotic War in Boris Gorbatov's journalistic writings. L. V. Fedorova. Shor. trud. Arkh. gos. ped. inst., no. 3, 84-97, '59.

GOR'KII, MAKSIM, 1868-1936

(see also subdivision under Italy)

Give the people all that is good in you. Antal Gidasz. Ogonek, 39, no. 25, 22-23, Je '61.

Initiator of art in the socialist epoch. V. Shcherbina. Iskusstvo, 24, no. 7, 2-4, '61.

"Let's glorify the woman-mother!." A. Sergeeva. Sem'ia i shkola, 16, no. 6, 25-26, Je '61.

M. Gorkii as science enthusiast. G. Mendelevich. Nauka i zhizn', 28, no. 7, 48-51, Jl '61.

Package with books. F. Mezhentsev. Sem'ia i shkola, 16, no. 6, 29, Je '61.

GORKIY—AUTOMOBILE INDUSTRY WORKERS

We work, study and rest. Sov. profsoiuzy, 17, no. 18, 18, S '61.

GORKIY—CITY PLANNING

The city of Gorkiy. IU. Bubnov. Zhil. stroi., no. 8, 32-33, Ag '61.

GORKIY—CONSTRUCTION INDUSTRY—LABOR PRODUCTIVITY

Potentials for raising labor productivity in housing construction. M. Sedov. Ekon. stroi., no. 8, 13-19, Ag '61.

GORKIY—EDUCATION, HIGHER

There must be coordination in the work of institutions of higher learning. M. I. Grekhova, N. I. Lobachevskii. Vest. vys. shkoly, 19, no. 8, 25-27, Ag '61.

GORKIY—NEWSPAPERS—SECTIONS, COLUMNS, ETC.

They write ... and they don't write .. N. Kalupina. Teatr, 22, no. 9, 152-153, S '61.

GORKIY—PRECAST CONCRETE CONSTRUCTION

We will have the frame finished by the time of the opening of the Party Congress. B. Zavgorodnii. Na stroi. Ros., no. 7, 15-16, Jl '61.

GORKIY—RESEARCH, INDUSTRIAL

There must be coordination in the work of institutions of higher learning. M. T. Grekhova, N. I. Lobachevskii. Vest. vys. shkoly, 19, no. 8, 25-27, Ag '61.

GORKIY PROVINCE—COLLECTIVE FARMS—FINANCE

[Collective-farm economics] Nekotorye voprosy ekonomiki kolkhozov, sbornik statei. [Gor'kii] Gor'kovskoe knizhnoe izd-vo, 1961. 105 p.

GORKIY PROVINCE—FREIGHT AND FREIGHTAGE

Potentialities of the Gorkiy Economic Region for a better organization of freight transportation. I. P. Sivaev, S. M. Malakian. Zhel. dor. transp., 43, no. 8, 13-17, Ag '61.

GORKIY PROVINCE—VOCATIONAL EDUCATION

Improving the work of curriculum committees. R. A. Simkin. Sred. spets. obr., 8, no. 8, 21-24, Ag '61.

GORNO-BADAKHSHAN AUTONOMOUS PROVINCE—SEDGES

Some ecological and phytocoentoic characteristics of Carex duriusculiformis V. Krecz. L. F. Sidorov. Izv. Otd. sel'khoz. i biol. nauk AN Tadzh. SSR, no. 1, 49-53, '60.

GOSSYPOL

Separation of gossypol from prepressed oils and micelles with anthranilic acid. V. P. Rzhekhin and others. Masl.-zhir. prom., 27, no. 8, 26-29, Ag '61.

GRADING AND MARKING (STUDENTS)

Grading laboratory work in physics. V. A. Sushchenko. Fiz. v shkole, 21, no. 3, 75-76, My-Je '61.

Grading the students' knowledge in astronomy. A. A. Kurlaeva. Fiz. v shkole, 21, no. 3, 79, My-Je '61.

Measuring knowledge in senior grades. K. Panich. Nar. obr., no. 9, 45-48, S '61.

Measuring students' knowledge by means of quizzes. B. I. Voronov. Mat. v shkole, no. 4, 14-15, Jl-Ag '61.

Practical testing of students' knowledge and skills. L. Korotkova. Nar. obr., no. 9, 49-51, S '61.

Testing the students' knowledge and skills in electrical engineering. B. M. Smetanin. Fiz. v shkole, 21, no. 3, 77-79, My-Je '61.

We need an examination system. A. Sinditskii. Nar. obr., no. 9, 89, S '61.

GRAFTING

Variations in the sugar content of year-old grapevine grafts. E. A. Makarevskaia, E. G. Mikeladze. Soob. AN Gruz. SSR, 26, no. 4, 427-432, Ap '61.

GRAIN

(see also subdivision under Kazakhstan)

[At the threshold of the eighth grain harvest] Na poroge vos'mogo khleba. [Moskva, Izd-vo "Molodaia gvardiia," 1961] 15 p.
(DA)

GRAIN—CLEANING

Gladkov, N. G. [Grain cleaning machinery; structural features, calculation, design, and operation] Zernoochistitel'nye mashiny, konstruktsii, raschet, proektirovanie i ekspluatatsiia. Izd. 2., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 367 p.
(DA)

GRAIN—DISEASES AND PESTS

Artificial induction of loose smut in grain [with summaries in English, German, and French]. P. Zuev. Vest. sel'khoz. nauki, 6, no. 8, 119-120, Ag '61.

GRAIN—DRYING

Baum, A. E. [Grain drying] Sushka zerna. Moskva, Izd-vo tekhn. i ekon. lit-ry po voprosam zagotovok, 1961. 71 p.

GRAIN—STORAGE see subdivision under Kazakhstan

GRAIN—TRANSPORTATION see subdivision under Voronezh Province

GRAIN—VARIETIES

Marinich, P. E. [Best grain crop varieties] Luchshie sorta zernovykh kul'tur. Moskva, Glav. upr. sel'khoz. nauki, 1958. 152 p.
(DA)

GRAIN ELEVATORS

Construction of grain elevators made of precast and prestressed concrete. Z. S. Shukhman, I. S. Khoroshii, N. V. Sorokin. Bet. i zhel.-bet., no. 8, 349-353, Ag '61.

Vorontsov, O. S. [Elevators, granaries, and grain processing enterprises] Elevatory, sklady i zernopererabatyvaiushchie predpriiatiia. Pod red. O. D. Shumskogo i P. P. Tarutina. Moskva, Izd-vo tekhn. i ekon. lit-ry po voprosam khleboproduktov, 1.
Pt. 1. [Types, constructional features and operation] Tipy i konstruktsii sooruzhenii i ikh ekspluatatsiia. 1961. 269 p.

GRAIN-HANDLING MACHINERY

Pneumatic-tube gantry grain unloader. V. N. Semenov. Biul. tekh.-ekon. inform., no. 8, 69-70, '61.

Ways of reduce expenditures in postharvest grain processing. A. Seitov. Ekon. sel'khoz., 32, no. 8, 78-81, Ag '61.

GRAIN PRODUCTS see Cereal products

GRAMMAR, COMPARATIVE AND GENERAL—SYNTAX

A conference on the theory of the syntax. T. P. Lomtev. Vest. Mosk. un., Ser. 7, Filol., zhur., 16, no. 5, 61-70, S-O '61.

GRANARIES

Granary with a precast roof. A. I. Rabinovich, A. N. Prostoserdov. Bet. i zhel.-bet., no. 8, 345-348, Ag '61.

Precast reinforced concrete granaries. S. M. Kuznetsov and others. Bet. i zhel.-bet., no. 8, 337-345, Ag '61.

GRANDPARENTS

My grandmother. G. Voikov. Sem'ia i shkola, 16, no. 6, 40, Je '61.

GRANULAR MATERIALS—PERMEABILITY

Self-adjusting system for the control of initial gas penetration into a sinter burden. L. I. Kharash. Obog. rud, 6, no. 2, 43-45, '61.

GRAPE JUICE

(see also subdivision under Tiraspol')

Duration of clarification and the quality of grape juice treated with γ-rays. M. L. Frumkin and others. Kons. i ov. prom., 16, no. 9, 8-13, S '61.

Effect of the ionizing radiation on the amount and quality of grape juice. M. L. Frumkin, and others. Kons. i ov. prom., 16, no. 7, 16-20, Jl '61.

GRAPES

(see also subdivision under Crimea)

Some physical and mechanical properties of grape pomace. P. M. IAkovlev, G. E. Kantur. Izv. vyss. uch. zav., pishch. tekh., no. 4, 140-141, '61.

Variations in the sugar content of year-old grape stem grafts. E. A. Makarevskaia, E. G. Mikeladze. Soob. AN Gruz. SSR, 26, no. 4, 427-432, Ap '61.

GRAPES—IRRIGATION see subdivision under Golodnaya Steppe

GRAPHIC ARTS see subdivision under Kazakhstan

GRAPHITE

Chemical adsorption of oxygen on a freshly cracked graphite surface. IU. A. Zaritiants, V. F. Kiselev, G. G. Fedorov. Zhur. fiz. khim., 35, no. 8, 1885-1886, Ag '61.

Chemical and physical adsorption of oxygen on a freshly split graphite surface. G. G. Fedorov, IU. A. Zaritiants, V. F. Kiselev. Dokl. AN SSSR, 139, no. 5, 1165-1167, Ag '61.

Graphite becomes wear resistant. A. Kul'bakh, S. Lazarev, V. Dzhonson. NTO, 3, no. 9, 38-39, S '61.

Graphitized carbon black as an adsorbent in gas chromatography. V. S. Vasil'eva and others. Zhur. fiz. khim., 35, no. 8, 1889-1891, Ag '61.

GRASSES

(see also subdivision under Azerbaijan; Kazakhstan, Kura Lowland, Kustanay Province)

After effect of soil cultivation practices and fallow crops on the yield of grasses [with summary in English]. R. Shlenkev, I. S. Shatilov. Izv. TSKhA, no. 2, 57-71, '61.

Comparative influence of perennial and annual grasses on soil structure and the accumulation of humus in soils under irrigation. F. S. Ulanov. Vest. sel'khoz. nauki [Kazakh.], 4, no. 4, 18-20, My '61.

Interrelation of the components of grassland mixtures. I. O. Buitulin. Vest. sel'khoz. nauki [Kazakh.], 4, no. 5, 27-44, My '61.

GRAVITATION

Nature of gravitation and weightless rockets. V. I. Cherednychenko. Nauka i zhyttia, 10, no. 8, 8-13, Ag '61.

Singularities in cosmological solutions of the equations of gravitation [with summary in English]. E. M. Lifshits, V. V. Sudakov, I. M. Khalatnikov. Zhur. eksp. i teor. fiz., 40, no. 6, 1847-1855, Je '61.

Singularity in Schwarzschild's solution of the equations of gravitation [with summary in English]. IU. A. Ryzhov. Zhur. eksp. i teor. fiz., 40, no. 6, 1755-1757, Je '61.

GRAVITY

Treatment of the theory of the analytic extension of potential fields in courses on the interpretation of magnetic and gravity anomalies. V. N. Strakhov. Izv. vyss. uch. zav., geol. i razv., 4, no. 7, 126-133, Jl '61.

GRAVITY PROSPECTING

Calculating the horizontal gravitation component in the upper semispace and using it in determining anomalous masses. M. U. Sagitov. Trudy GAISH, 30, 209-218, '61.

GRAZING

Larin, I. V. [Pastures; their utilization and care] Pastbishchesoborot; sistema ispol'zovaniia pastbishch i ukhoda za nimi. Izd. 3., perer. i dop. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 250 p.
(DA)

GREAT BRITAIN—AIRPLANES, MILITARY

English fighter plane, "Lightning" R.18. P. V. Safronov. Vest. Vozd. Fl., no. 5, 93-94, My '61.

GREAT BRITAIN—ARTISANS

"Cities and artisans in England from the 10th to the 12th century" by IA. A. Levitskii. Reviewed by E. V. Gutnova. Sred. veka, no. 20, 240-246, '61.

GREAT BRITAIN—AUTOMOBILES, GAS TURBINE

"Austin" gas turbine. Za rul., 19, no. 7, 20, Jl '61.

GREAT BRITAIN—BUILDING MACHINERY

Public works exhibition in London. Stroi. i dor. mash., 6, no. 8, 36-37, Ag '61.

GREAT BRITAIN—CITIES AND TOWNS

"Cities and artisans in England from the 10th to the 12th century" by IA. A. Levitskii. Reviewed by E. V. Gutnova. Sred. veka, no. 20, 240-246, '61.

GREAT BRITAIN—COMMERCE—RUSSIA

This meets the interests of both countries. B. Solodkin. Vnesh. torg., 41, no. 8, 42-44, '61.

GREAT BRITAIN—CONCRETE

New developments in the treatment of concrete. Mod. stroi. tekh., 18, no. 8, 43, Ag '61.

GREAT BRITAIN—COTTON SPINNING
Modern cotton spinning technology R Chitham Tekst prom 21 no 7 76-81 Jl '61

GREAT BRITAIN—CRACKING PROCESS
Raw material for catalytic reforming T Skichko Neftianik 5 no 8 35 Ag '60

GREAT BRITAIN—ELECTRIC POWER PLANTS
New thermal electric power plants in England. S L. Mirenburg Teploenergetika 8 no. 5 87-91 My '61.

GREAT BRITAIN—FOREIGN ECONOMIC RELATIONS—GUINEA
Against false information and slander In one's own mtd. Nov. vrem 19 no. 36 28 S '61

GREAT BRITAIN—FURNITURE INDUSTRY
British furniture factories B M Buglai Der prom 10 no 8 29-30 Ag '61

GREAT BRITAIN—HANDBOOKS, VADEMECUMS, ETC
[Facts about Great Britain] Fakty o Velikobritanii, London, TSentr. upr. po informatsii, Spravochnyi otdel, 1957. 40 p.

GREAT BRITAIN—INSTRUMENTS
At the British Commercial and Industrial Exhibition in Moscow (May 19 - June 4, 1961) V. G. Litvinenko. Priborostroenie no. 8 28-31 Ag '61.

GREAT BRITAIN—LEGISLATIVE BODIES
Interpretation of the word "parliamentum" in England in the 13th and the early 14th centuries [with summary in English] I. V Gutnova Sred veka no 20 56-71 '61

GREAT BRITAIN—NAVY
Viktorov, Z. F., and G. M. Mikhailov. [Navies of the United States and Great Britain] Voenno-morskie floty SShA i Velikobritanii. Leningrad, Ob-vo po raspr. polit. i nauchn znanii RSFSR, 1961. 61 p.

GREAT BRITAIN—PEASANT UPRISINGS
"English peasant movements in the 1610's and 1650's" by S I Arkhangel'skii Reviewed by V F Semenov Vop ist. no 9 160-162 S '61

GREAT BRITAIN—PRINTING
Printing techniques at the English exhibition in Moscow V. V Popov Poligr proizv no 8 29-30 Ag '61

GREAT BRITAIN—RELATIONS (GENERAL) WITH RUSSIA
Ashes and grasses Galina Shergova Ogonek 39 no. 26 11-13 Je '61

GREATER BALKHAN RANGE—ARGILLITE
Some results of the study of Jurassic argillite strata of the Greater Balkhan according to the data of borings G. Khudainazarov, K. V Tiunov Izv AN Turk SSR Ser. fiz.-tekh., khim. i geol nauk no 1 96-99 '61

GREATER BALKHAN RANGE—GEOLOGY, STRATIGRAPHIC
Presence of the Turonian stage in the Greater Balkhan K. V. Tiunov. Izv AN Turk SSR, Ser. fiz.-tekh., khim. i geol. nauk no. 1 94-96 '61.

Recent data on Paleogene deposits in the western part of the Greater Balkhan K. V. Tiunov, M. A. Tkachuk Izv AN Turk. SSR, Ser fiz.-tekh., khim. i geol nauk no 1 94-96 '61.

Recent data on the geological structure of the northern Balkhan piedmont downwarping K. V Tiunov Izv AN Turk SSR Ser. fiz.-tekh., khim i geol nauk no 1 87-88 '61

GREATER BALKHAN RANGE—GEOLOGY, STRUCTURAL
Tectonics of the Greater Balkhan. F. I. Plushkin, K. V. Tiunov, G. Khudainazarov Izv AN Turk SSR Ser fiz-tekh., khim, i geol nauk no. 1-51-58 '61

GREBENKA DISTRICT—SUGAR BEETS
Endorsed by experience. S. D. Vyshtak. Nauka i zhyttia 11 no 7:39-40 Jl '61

GREECE—AESTHETICS—STUDY AND TEACHING
Problems of aesthetic training in ancient Greece and China. V. P. Shestakov. Vest. ist. mir. kul't. no 4 135-149 Jl-Ag '61

GREECE—COMMUNIST PARTY
Tireless fighters for peace, freedom, democracy, and national independence. A. Gioros. Part. zhizn' no. 18 68-73 S '61.

GREECE—HISTORY
"Life of ancient Greeks" by K M Kolobova, E. L Ozeretskaia Reviewed by I. D Skorokhodova Prep. ist. v shkole 18 no. 5 105-108 S-O '61

GREEN MANURING
Characteristics of zooplankton in the experiment pond of the Limnological Station and some data on the productive and biological effect of green manuring I. N Baranova. Trudy Lab ozeroved. 11:188-205 '60

GREENE, GRAHAM, 1904-
The legend of Greene V. V. Ivasheva Vest Mosk. un Ser 7: Filol., zhur 16 no 5 32-45 S-O '61.

GREENHOUSE MANAGEMENT
Popovych, F. IA. [Greenhouse management on collective and state farms] Parnykovo-teplychne hospodarstvo v kolhospakh ta radhospakh. Kyiv, 1961. 47 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser 5, no. 2)

GREENHOUSES
Antonovskii, S. IU. [Vegetables at reasonable prices all year round] Deshevye ovoshchi - kruglyi god. Moskva, Gos. izd-vo sel'khoz lit-ry, 1961. 136 p.

Small indoors hothouse. N. N Alekseev Ilin nat. no 9 39-40 S '61

Vladimirova, V. L. [Growing vegetables in greenhouses and hotbeds] Vyrashchivanie ovoshchei v teplitsakh i parnikakh. Kishinev, Gos. izd-vo "Kartia moldovenaske 1959. 26 p. (Vystavka dostizhenii narodnogo khoziaistva MSSR)
(DA)

GREENHOUSES—HEATING AND VENTILATION
Taking the inductance of the heating cell into consideration in investigating hothouses heated with the "screened cell" system M. I. Oranskii Nauch trudy Sev.-zap nauch.-issl inst. sel'khoz. no. 3 pt 3 76-81 '59

Theoretical investigation of hothouses heated with Professor A. A. Lushkanov's electric heating system M. I Oranskii. Nauch trudy Sev.-zap nauch.-issl inst sel'khoz. no 3 pt 3-90-108 '59.

Theoretical investigation of hothouses heated with the busbar system M. I. Oranskii Nauch trudy Sev.-zap nauch.-issl inst sel'khoz no 3 pt 3:82-95 '59

GRIAULE, MARCEL, 1898-1956
Problems concerning African spiritual culture south of the Sahara and the theory of Marcel Griaule [with summary in French] B Sharevskaia Vest. ist. mir. kul't no 1 3-25 Jl-Ag '61

GRIBACHEV, NIKOLAI MATVEEVICH, 1910-
A road thirty-five years long. Boris Privalov. Znamia 31 no. 9 213-218 S '61.

GRINDING AND POLISHING
Efficient principle for setting pistons in grinding the fitting hole. B. I. Gordienko, V. A. Zhilin. Sbor. nauch. st. Azovo-Chern. inst. mekh. sel'khoz., no. 8 pt. 2 103-106 '59.

Emery cloth based on liquid glass. K. IAkovlev. Stroitel' no. 7 11 Jl '61.

Grinding journals of drying cylinders A. I Tikhobraov. Bum. prom. 36 no 8 21 Ag '61

Grinding permanent magnets V. A Khrul'kov Stan i instr. 32 no 8 21-22 Ag '61

Grinding procedures and the geometry of turn surfaces of cylindrical worm gears having a built-in profile F. L. Litvin Izv AN SSSR Otd. tekh. nauk Mekh. i mashinostr. no 1 151-161 Jl-Ag '61.

Investigating the efficiency of the lapping of gauge blocks A. M Vedmidskii Izm. tekh. no. 9, 5-7 S '61.

Vakser, D. B. [Internal grinding] Vnutrennee shlifovanie. Pod obshchei red. G. F. Kudasova. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 64 p. (Bibliotechka shlifovshchika, no. 3)

GRINDING MACHINES
(see also subdivision under Moscow)
The Msh-182 precision grinding machine L. I. Savinov Biul. tekh.-ekon. inform. no 7:40-41 '61

The MV-24 machine for grinding involute worms. V. E. Raitser. Biul. tekh.-ekon Informa. no 7 42-43 '61

Modernization of the rotary polishing machine V. S Gulin and others Der prom 10 no 8 22-23 Ag '61.

Performance of a long-type lining N. V. Gonchuk Tsement 27 no 4:27 Jl-Ag '61

The 6S86 centerless internal grinding machine S. A Khanamirian. Biul tekh.-ekon. inform no 8 45-47 '61

Thermal deformations of circular grinding machines and an automatic compensation of conicity. S. G Fateev Vzaim i tekh. izm v mashinostr., mezhvuz sbor. no. 3 354-371 '61

The 3510 plane-type surface grinding machine. L. F. Sorkin. Biul. tekh.-ekon inform no. 8-42-45 '61

The ZP157 semiautomatic flange-grinding machine. A. V. Shchegolev. Biul. tekh.-ekon inform. no 7:44-45 '61

GRINDING WHEELS
Universal grinding tool Stroitel' no. 7:insert 2p. Jl '61.

GRINDING WHEELS—TESTING
Evaluating the quality of grinding wheels in the bearing industry. L. V. Bolonova Vest. mash. 41 no 8 59-61 Ag '61

GRIPPE see Influenza

GRISTLE see Cartilage

GROMOVA, VERA ISAAKOVNA, 1891-
Seventieth birthday of Vera Isaakovna Gromova. P. A. Trofimov. Paleont. zhur no. 1:3-6 '61.

GROUP READING see subdivision under Lvov

GROUPS, THEORY OF
Determination of nilpotent groups. Sh. S. Kemkhadze Soob. AN Gruz. SSR 26 no 4 385-387 Ap '61

General method for deriving factorizations of finite groups S. A Chunikhin Mat. sbor. 54 no 2 247-259 Je '61

Inversion of certain theorems dealing with the power-law densities of ordered semigroups B. M Bredikhin Uch. zap. Kuib. gos. ped. inst no 29:13-20 '59

Lie's theorems for operators of a displacive transformation B. M Levitan Usp. mat. nauk 16 no 1 13-40 Jl-Ag '61

Number of blocks of characters of a finite group with a given defect [with summary in English] A. A Boydi. Ukr. mat. zhur. 13 no 2 116-111 '61

Ordered semigroups with finite and infinite ranks of systems of generating elements B. M Bredikhin Uch. zap. Kuib. gos. ped. inst no 29 3-12 '59

"Semigroups" by P. S Dubin Reviewed by I. M Gluskin Usp. mat. nauk 16 no 1 248-250 Jl-Ag '61

Smallest field, in which all representations of an odd P-group are realized. S. D Berman Usp. mat. nauk 16 no 3 161-163 My-Je '61

Some examples of groups of isomorphisms V. G Vilumets Dokl. AN SSSR 139 no 6 1283-1286 Ag '61

Some trends in the development of the theory of finite groups during recent years S. A Chunikhin Usp. mat. nauk 16 no 1 31-90 Jl-Ag '61

GROWTH
Effect of antimitotic substances from irradiated plants on the growth of mice. V. A. Kopylov. Radiobiologiia 1 no. 3 358-360 '61.

Growth characteristics of fishes and their significance for the population dynamics. N. I. Chugunova Trudy dov. Bht. kom. no. 14 91-107 '61.

Growth of the skeleton and internal organs in young lambs of the Azerbaijan mountain merino G. K. Kuliev Izv AN Azerb SSR Ser biol i med nauk no 5 83-86 '61

Methods of studying the dynamics of growth in weight and length in fishes. V. A Abakumov Trudy sov. Bht. kom. no. 14, 194-201 '62

Some characteristics of growth in length in the Atlantic-Scandinavian herring in summer. D. A. Shubnikov Trudy sov. Bht. kom. no 14 303-306 '61.

GROWTH (PLANTS)
Effect of the spectral composition of light on the development and growth of short-day plants [with summaries in English, German, and French]. E. M. Kuperman. Vest. sel'khoz. nauki 6 no. 8 47-51 Ag '61.

Growth and fruiting of trees as affected by meteorological conditions. A. A. Molchanov Trudy Lab lesoved 3: 5-56 '61.

Growth of spruce as affected by the ground-water level and some meteorological factors. M. A Naryshkin Trudy Lab. lesoved. 3:93-114 '61

Growth of the terminal shoot and accumulation of organic matter in a young growth of spruce M. A Naryshkin Trudy Lab. lesoved 3:261-268 '61

Some problems concerning seasonal growth of spruce. V. V. Smirnov. Trudy Lab. lesoved. 3-51-67 '61

GROZNYY—PETROLEUM ENGINEERING—STUDY AND TEACHING
Groznyy Petroleum Institute P. I Stetsukha Neftianik 6 no 1 21-22 Ap '61

GROZNYY—PETROLEUM REFINERIES
Practice of the permanent standing production conferences. M. A. Mironov Neftianik 5 no 8:25 Ag '60

GROZNYY PROVINCE—OIL WELL DRILLING
Some results of drilling in geologically complex areas of Groznyy. N. Z. Kachlishvili, A. F. Ozerenko. Neft khoz. 38 no. 4 41-50 Ap '60.

GUADELOUPE—ECONOMIC CONDITIONS
Guadeloupe stamp. A. Pin. Vokrug sveta no. 8:16-11 Ag '61.

GUADELOUPE—POLITICS AND GOVERNMENT
Guadeloupe stamp. A. Pin. Vokrug sveta no. 8-10-11 Ag '61.

GUARD DUTY
Procedures for awarding and paying pensions to the militarized guards of ministries and governmental agencies not covered by the state social insurance, article 7 of the procedures for awarding and paying state pensions). Biul. Gos. kom. po vop. truda i zar. platy no. 6:25 '61.

GUERILLA WARFARE see subdivision under Cuba

GUIDANCE SYSTEMS (FLIGHT)
Automatic control of aerial navigation. V I. Sokolov. Vest. Vozd. Fl. no 6:91-94 Je '61.

GUIDED MISSILES
(see also subdivision under United States)
Effectiveness of the operations of a guided missile (as revealed by foreign press data). Iu. Kh Vermishev. Vest. protivovozd. obor. no. 8:19-23 Ag '61.

GUIDED MISSILES (Continued)
Factors determining the probability of hitting the target of an antiaircraft guided missile (as revealed by data from the foreign press). F. K. Neupokoev. Vest. protivovozd. oborony. no. 7. 23-28. Jl '61.
On an air target. N. G. Grigor'ev. Vest. Vozd. Fl. no. 6. 86-89. Je '61.

GUIDED MISSILES—GUIDANCE SYSTEMS
Guidance systems for antiaircraft rockets (as revealed by foreign press data). E. V. Kuzin. Vest. protivovozd. oborony. no. 9. 31-33. S '61.

GUIDED MISSILES—TRACKING
Passive systems of detecting ballistic rockets (as revealed by foreign press data). F. A. Malyshkin. Vest. protivovozd. oborony. no. 8. 23-26. Ag '61.

GUINEA—ECONOMIC CONDITIONS
Bochkarev, Iu. A. [Guinea today, from a journalist's notebook] Gvineia segodnia, iz zapisnoi knizhki zhurnalista. Moskva, Gos. izd-vo polit. lit-ry, 1961. 86 p. (Afrika segodnia)
Republic of Guinea. A. Vetrov, G. Radchenko. Vneshn. torg. 11. no. 9. 13-17. '61.

GUINEA—ECONOMIC POLICY
Establishing an economic foundation for an independent Guinea [with summary in English, p. 213]. Keita N'Famara. Nar. Azii i Afr. no. 2. 53-61. '61.

GUINEA—FOREIGN ECONOMIC RELATIONS—GREAT BRITAIN
Against false information and slander in one's own mud. Nov. vrem. 19. no. 36. 28. S '61.

GUINEA—POLITICS AND GOVERNMENT
Bochkarev, Iu. A. [Guinea today; from a journalist's notebook] Gvineia segodnia; iz zapisnoi knizhki zhurnalista. Moskva, Gos. izd-vo polit. lit-ry, 1961. 86 p. (Afrika segodnia)
"Independent Guinea, articles and speeches" by Sekou Toure. Reviewed by N. I. Gavrilov. Nar. Azii i Afr. no. 2. 166-168. '61.

GUINEA—TECHNICAL ASSISTANCE, RUSSIAN
Against false information and slander in one's own mud. Nov. vrem. 19. no. 36. 28. S '61.

GUNSHOT WOUNDS
Some problems in the treatment of gunshot wounds. I. S. Kolesnikov, N. V. Putov. Voen.-med. zhur. no. 6. 18-22. Je '61.

GUR'YEV PROVINCE—COOPERATIVE SOCIETIES
Let's increase the tempo. G. Tochilin. Koop. Kazakh. 4. no. 5/6. 52. My-Je '61.

GUTTUZO, RENATO, 1912-
World wind. A. Zhulova. Ogonek. 39. no. 34. 8. Ag '61.

GYANDZHACHAY RIVER—FLOODS
Development of the technique for long-range forecasting and the formation of maximum river discharges in the northeastern part of the Lesser Caucasus. V. F. Poklepa. Trudy Tbil. NIGMI. no. 7. 107-112. '60.

GYMNASTICS
Semenov, L. P., and V. M. Smolevskii. [Gymnastics for gymnasts] Gimnastam o gimnastike. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1961. 174 p.

GYMNASTICS, MEDICAL see Exercise therapy

GYNECOLOGY
Lesnoi, S. K. [Hormone therapy in gynecology and obstetrics; concise manual] Gormonoterapiia v ginekologii i akusherstve; kratkoe posobie. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 62 p. (Biblioteka prakticheskogo vracha)
(DNLM)

GYPSUM
(see also subdivision under Armenia)
Solubility of gypsum in oil well waters. P. F. Rza-Zade, P. G. Rustamov. Azerb. khim. zhur. no. 4. 89-94. '60.

GYROSCOPE
Dynamics of the damping gyroscope [with summary in English]. Liu Ian'-chzhu [Liu Yen-chu]. Vest. Mosk. un. Ser. 1: Mat., mekh. 16. no. 4. 48-57. Jl-Ag '61.

GYUNEY REGION—FOREST ECOLOGY
Forests of the Gyuney shore in the basin of Lake Sevan. R. A. Abramian. Izv. AN Arm. SSR. Biol. nauki. 14. no. 6. 39-50. '61.

HAFNIUM CHLORIDE
Thermal conductivity and viscosity of zirconium tetrachloride and hafnium tetrachloride vapors in the temperature range of 300 to 700°. V. I. TSirel'nikov, L. N. Komissarova, Vict. I. Spitsyn. Dokl. AN SSSR. 138. no. 6. 1389-1391. Ag '61.

HAFNIUM COMPOUNDS
Electron microscope and thermographic study of solid phase reactions in the systems of following oxides: HfO_2 - BaO, HfO_2 - SrO, and HfO_2 - CaO. E. K. Keler, N. A. Godina, M. G. Degen. Zhur. prikl. khim. 34. no. 8. 1769-1775. Ag '61.

HALAN, IAROSLAV, 1902-1949
IAroslav Halan's unknown letters. N. K. Pokrovskaia. Ist. arkh. 7. no. 1. 205-208. Jl-Ag '61.
Stylistic role of phrases used by IA. Halan in his pamphlets. S. S. Didyk. Nauk. zap. L'viv. derzh. ped. inst. 16. 68-78. '60.

HALHAIN GOL, BATTLE OF, 1939
"Fighter planes" by A. V. Vorozheikin. Reviewed by N. I. Golyshev. Vest. protivovozd. oborony. no. 8. 78-79. Ag '61.

HALIDES
New method of synthesizing acid chlorides and acid bromides of aromatic acids. Iu. A. Ol'dekop, A. M. Kalinina, S. A. Shklifat. Dokl. AN SSSR. 139. no. 6. 1383-1385. Ag '61.

HALL EFFECT
Effect of annealing on the anisotropy of the galvanomagnetic properties of tellurium. R. V. Parfen'ev and others. Fiz. tver. tela. 3. no. 8. 2501-2501. Ag '61.
Hall effect in glass-like materials of the system Tl_2Se - $As_2(Se, Te)_3$. B. T. Kolomiets, T. F. Nazarova. Fiz. tver. tela. 2. no. 3. 395-396. Mr '60.
Hall effect in single crystals of manganese ferrites. K. P. Belov, E. P. Svirina. Fiz. tver. tela. 3. no. 8. 2495-2497. Ag '61.
Investigation of mass transfer in metals and semiconductors under the action of a Hall electric field. Iu. G. Miller. Fiz. tver. tela. 3. no. 8. 2383-2389. Ag '61.

HALOGEN COMPOUNDS
Crystalline and molecular structure of p-dihalogen derivatives of diazoaminobenzene. Iu. D. Kondrashev. Kristallografiia. 6. no. 4. 515-523. Jl-Ag '61.
Effect of halogen admixtures on the heat conductivity of lead telluride. E. D. Deviatkova, I. A. Smirnov. Fiz. tver. tela. 3. no. 8. 2298-2309. Ag '61.
Micro- and semi-microdetermination of chlorine, bromine, and iodine and simultaneous determination of sulfur and halogen (chlorine or bromine) from the same batch, in organic compounds and their mixtures. I. K. Chudakova, G. D. Gal'pern, N. P. Volynskii. Metod. anal. org. soed. nefti, ikh smes i proizv. no. 1. 107-131. '60.
Salts of dialkylthiophosphoric acids. Part 4. Reactions of dialkylthiophosphoric acid salt with aromatic and heterocyclic halogen derivatives. V. G. Pesin, A. M. Khaletskii, I. G. Vitenberg. Zhur. ob. khim. 31. no. 8. 2522-2526. Ag '61.
X-ray diffraction study of dihalogen derivatives of anthraquinones. L. A. Chetkina, G. A. Gol'der, G. S. Zhdanov. Kristallografiia. 6. no. 4. 628-629. Jl-Ag '61.

HALOGENS
Activating the lessons on the subject of "Halogens" in the schools for working youth. L. G. Korotaeva. Khim. v shkole. 16. no. 4. 55-63. Jl-Ag '61.

HAMBURG (GERMANY)—WORLD WAR, 1939-1945—MEDICAL AND SANITARY AFFAIRS
"Death during air attack" [in German] by S. Graff. Reviewed by R. D. Shtein. Arkh. pat. 21. no. 10. 76-77. '59.

HAND—DISLOCATION
Sequelae following dislocations in the articulations of the fingers and hand. P. V. Usol'tseva. Ortop., travm. i protez. no. 7. 27-32. '61.

HAND—WOUNDS AND INJURIES
Plastic splint for treatment of injuries of the metacarpal bones and phalanges. P. P. Gaglev. Ortop. travm. i protez. no. 5. 53-55. '61.

HANDICRAFT see subdivision under Assyria, Media; Van, Kingdom of

HANSEATIC LEAGUE—COMMERCE—NOVGOROD (DUCHY)
History of commercial contacts with the Hanseatic League, the import of precious metals to Novgorod [with summary in German]. A. L. Khoroshkevich. Sred. veka. no. 20. 98-120. '61.

HARBORS
Kurochkin, S. N. [Use of underwater concreting in harbor hydraulic engineering] Primenenie podvodnogo betonirovaniia v portovom gidrotekhnicheskom stroitel'stve. Moskva, Izd-vo "Morskoi transport," 1961. 48 p. [MICROFILM]

HARD FACING
Gas-flame hard facing with wear-resistant spray coatings. A. L. Kozlovskii, I. I. Iskol'dskii. Svar., proizv. no. 9. 13-20. S '61.
Hard facing of automobile engine valve tappets by means of high-frequency currents. E. I. Natanzon, G. M. Tel'nov. Avtom. svar. 14. no. 9. 74-78. S '61.
Surfacing of presses and forging hammer strikers. F. A. Khomus'ko. Avtom. svar. 14. no. 9. 93. S '61.

HARD FACING—BIBLIOGRAPHY see Bibliography—Hard facing

HARDBOARD
Shvartsman, G. M. [Production of particle board] Proizvodstvo drevesno-struzhechnykh plit. Moskva, Goslesbumizdat, 1961. 178 p.
(DA)

HARDNESS
Application of the parameters of empirical formulae correlating hardness with temperature, and the relation of load and pressure for the determination of solubility limits in the solid state [with summary in English]. V. P. Shishokin, A. F. Nikerov. Zhur. fiz. khim. 35. no. 8. 1763-1768. Ag '61.

HARDNESS—MEASUREMENT
Measures of hardness. A. I. Savorov. Izm. tekh. no. 9. 19-20. S '61.
Plotting the solidus curve by the method of measuring the microhardness. V. M. Glazov. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 1. 39-42. Jl-Ag '61.

HARDNESS—TESTING
Hardness and electric resistivity of alloys in the system titanium - chromium - molybdenum. N. V. Ageev, Ia. S. Umanskii, V. G. Gromova. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 1. 71-75. Jl-Ag '61.

HARMONIC ANALYSIS
Gel'fand, I. M., and N. IA. Vilenkin. [Some applications of harmonic analysis. "Fitted" Hilbert spaces] Nekotorye primeneniia garmonicheskogo analiza. Osnashchennye gil'bertovy prostranstva. Moskva, Gos. izd-vo fiziko-mat. lit-ry, 1961. 472 p. (Obobshchennye funktsii, no. 4)

HARMONIC FUNCTIONS
Method of difference for a boundary value problem with either an oblique or a normal derivative. I. A. Volkov. Zhur. vych. mat. i mat. fiz. 1. no. 4. 607-621. Jl-Ag '61.
Multiply superharmonic functions. I. U. Cherkanenko. Usp. mat. nauk. 16. no. 3. 197-200. My-Je '61.

HARES
Structure of spinal neuroplexuses in the hare (Lepus caucasicus). V. S. Abashidze. Trudy Inst. eksperim. AN Gruz. SSR. 8. 131-133. '60.

HARVESTING see subdivision under Kursk Province

HAWAIIAN ISLANDS—SUGAR BEETS
Growing sugar beets on Hawaiian Islands (from "Sugar y Azucar," no. 4 and 8, 1960). Sakh. prom. 35. no. 8. 70. Ag '61.

HAWAIIAN ISLANDS—VOLCANOES
Eruption in Hawaii. Znan. ta pratsia. no. 10. 31. O '61.

HAWKS see subdivision under Tajikistan

HAZEL
Forest nuts. V. I. Dolgoshov. Priroda. 50. no. 8. 127. S '61.

HEAD—WOUNDS AND INJURIES
Universal splint for injuries to the head and spine. A. S. Gerasimov. Ortop., travm. i protez. no. 6. 59. 60. '61.

HEALTH EDUCATION
Health education for personnel. V. I. Prokopenko. Voen.-med. zhur. no. 6. 70-71. Je '61.

HEALTH-OFFICERS see subdivision under Bulgaria

HEALTH RESORTS, WATERING PLACES, ETC.
(see also subdivision under Moscow Province, Central)
Akademiia meditsinskikh nauk SSSR, Moscow. [Transactions of an out-of-town session of the Academy of Medical Sciences of the U.S.S.R. in Baku] Trudy vyezdnoi sessii Akademii meditsinskikh nauk SSSR v Baku. Moskva, Gos. izd-vo med. lit-ry, Medgiz, 1961. 335 p.

HEARING
Differentiation of rhythmic sound stimuli by freely moving animals [with summary in English]. V. I. Syrenskii. Biul. eksp. biol. i med. 51. no. 4. 17-21. Ap '61.
Research on functions of hearing in persons specializing in the inspection of machinery by ear. Report No. 1. Absolute sensitivity to noise. Iu. A. Kalikinskii. Dokl. APN. no. 1. 89-92. '61.

HEARING AIDS
Our consultations. Radio. no. 3. 62-63. Mr '61.

HEART
Effect of lymph on the cardiovascular system of animals. effect of lymph on the excitability of the vagus nerve trunk of a frog. T. A. Gavrilova. Trudy Kirov. otd. Vses. fiziol. ob-va. 1. no. 1. 55-59. '60.
Effect of lymph on the cardiovascular system of animals. effect of lymph on the isolated heart of warm-blooded animals. T. A. Gavrilova. Trudy Kirov. otd. Vses. fiziol. ob-va. 1. no. 1. 52-54. '60.
Effect of unconditioned food reflexes on cardiac rhythm activity under pathological conditions (diphtheria intoxication, acute disorders of coronary circulation, pharmacological influences) [with summary in English]. B. M. Fedorov. Biul. eksp. biol. i med. 51. no. 5. 33-37. My '61.

HEART (Continued)

Liberation of a physiologically active substance by the ventricle of the frog heart response to the action of adrenaline T G Putintseva Fiziol zhur 47 no 8 1056-1061 Ag '61

Optimal form of impulses for electric stimulation of the heart [with summary in English] N L Gurvich, N S Kolganova Biul eksp biol i med 51 no 5 30-32 My '61

HEART—ABNORMITIES AND DEFORMITIES

Role of electrokymography in the diagnosis of hemodynamic changes in the lesser blood circulation in some congenital heart defects. K A Koshanko Klin. med no 7 117-124 '61.

"Vascular bed of the pulmonary artery in congenital heart defects" [in German] by K Kohn, M Richter Reviewed by N V Arkhangel'skaia Arkh pat 21 no 9:75-77 '59

HEART—BLOOD VESSELS

Forms of branching in coronary arteries of the heart [in Georgian with summary in Russian] N A Dzhavakhishvili Trudy inst. eksp morf AN Gruz SSR 8 35-58 '60

HEART—DISEASES

Significance of prolonged functional tension of the nervous system in the development of lipoidosis of the aorta and lesions of the myocardium in rabbits [with summary in English] P S Khomulo Biul eksp biol i med 51 no 5 39-41 My '61

HEART—INFARCTION

Akademiia meditsinskikh nauk SSSR, Moscow. Institut terapii. [Atherosclerosis and myocardial infarct; transactions of the Ninth session of the Institute of Therapy jointly with Department of Pathology Anatomy of the Institute of Experimental Medicine, February 3-5, 1958] Ateroskleroz i infarkt miokarda Trudy IX nauchnoi sessii Instituta terapii sovmestno s Otdelom patologicheskoi anatomii Instituta eksperimental'noi meditsiny, 3-5 fevralia 1958 g. Pod red. N. N. Anichkova i A. L. Miasnikova. Moskva, Medgiz, 1959. 313 p.
(DNLM)

Analysis of roentgenological symptoms in myocardial infarct. S Kh Sidorovich, V A Shanina. Klin. med no. 7 86-90 '61.

Changes in the papillary muscles of the heart in myocardial infarct [with summary in English] A. V. Arkhangel'skii Arkh. pat. 21 no. 9:48-54 '59

Clinical aspects and pathogenesis of the so-called post-infarction syndrome. A P Matusova. Klin. med. no. 7:78-82 '61.

Peculiarities in the course of myocardial infarct in aged subjects. K. F Vlasov, V. A Zateishchikov. Klin. med. no. 7:82-86 '61.

HEART—RADIOGRAPHY

Analysis of roentgenological symptoms in myocardial infarct. S. Kh. Sidorovich, V. A. Shanina. Klin. med. no. 7 86-90 '61.

HEART—SOUNDS

Characteristics and diagnostic significance of diastolic murmur in mitral stenosis with regular rhythm of cardiac contraction L M. Fitileva, N. S Buslenko. Klin med. no. 7:96-102 '61

HEART—VALVES—DISEASES

Clinical significance of electrokymography in the diagnosis of tricuspid stenosis. IU. I Akimov, L. L Orlov. Klin. med. no. 7:110-116 '61.

Jugular phlebography in patients with tricuspid stenosis. A. D. Levant, IU. S. Petrosian Klin. med no. 7 106-110 '61.

HEART—WOUNDS AND INJURIES

Change of SH groups in tissues of the injured myocardium of a rat. M. P. IAvich. Dokl. AN SSSR 139 no. 6: 1471-1473 Ag '61.

HEART BLOCK

Optimal form of impulses for electric stimulation of the heart [with summary in English] N. L. Gurvich, N. S. Kolganova. Biul. eksp. biol i med. 51 no. 5:30-32 My '61

HEAT—CONDUCTION

Behavior of solids of complex shape under regular thermal conditions. G. N Tret'iachenko, L. V Kravchuk. Inzh. fiz. zhur. 4 no 8:132-137 Ag '61

Flow of a liquid film. G.A. Beda. PMTF no. 3:110-111 S-O '61.

Heat conductivity of monatomic gases [with summary in English]. A. A. Tarzimanov. Inzh.-fiz. zhur. 4 no 9: 86-89 S '61.

Heat conductivity of some petroleum oils. A. K. Abaszade, R. A. Mustafaev. Azerb. neft. khoz. 39 no. 2: 31-32 F '60.

Inverse problems of heat conductivity in a symmetrical field [with summary in English]. A. G. Tomkin. Inzh - fiz. zhur. 4 no. 9:45-55 S '61.

Nature of heat motion in liquids. Part 3 [with summary in English]. A S. Predvoditelev. Inzh -fiz zhur. 4 no. 8:3-9 Ag '61

One boundary value problem for equations of a mixed type in the theory of heat conduction [with summary in English] T I Perel'man Inzh -fiz. zhur 4 no 8,121-125 Ag '61

One stationary problem in the theory of heat conduction for a half-limited solid in mixed boundary conditions [with summary in English] V I Dovnorovich Inzh -fiz zhur 4 no 3 131-131 Mr '61

Solution of the problems of thermal conduction and thermal elasticity for a cylinder of multiply connected cross section [with summary in English] V I Makhovikov Inzh -fiz zhur 4 no 8,99-106 Ag '61

Solving certain heat conduction problems with the aid of dimensional analysis. IU. V. Dem'ianov, K. G. Omel'chenko PMTF no. 3 107 S-O '61.

Stationary heat conduction in a half-limited body having cylindrical internal heat sources [with summary in English] I A Ioffe Inzh -fiz zhur 4 no 8,111-114 Ag '61

Study of some heat conduction problems involving a thermal conductivity coefficient depending on temperature. G. A. Vasilevskii. PMTF no. 3:3-15 S-O '61.

Temperature field at the maximum rate of polymerization [with summary in English] A G Belkin, IU N Sukhov Inzh -fiz zhur 4 no. 8:126-129 Ag '61

HEAT—CONVECTION

Cellular structure of a convective liquid flow in a vertical tube of round cross section [with summary in English] E I Slavnova. Inzh -fiz zhur 4 no 8,80-86 Ag '61

Experiments on convection conducted in institutes of higher education. V B Shein Izv vys ucheb zav., fiz no 3:171-174 '61

Free convection proceeding under boundary layer conditions in a liquid enclosed in a cavity [with summary in English]. M P Borokin Inzh -fiz zhur 4 no. 8:107-110 Ag '61

Solution to the problem of laminar convection in the case of a linear heat source [with summary in English] F. Shubart Inzh fiz zhur 4 no. 7 105-108 Jl '61

Turbulent convective jet above a heat source I A. Shepelev. Izv AN SSSR, Otd. tekh. nauk, Mekh i mashinostr. no 4:3-9 Jl-Ag '61.

HEAT—PHYSIOLOGICAL EFFECT

Comparing the heat resistance of the protein substrate in tonic and atonic skeletal muscle fibers. V. B. Ushakov. TSitologiia 3 no. 4:418-425 Jl-Ag '61.

Effect of the salinity of sea water on the heat resistance of the ciliary epithelium in actinias. I. N. Dragoletskaia Tsitologiia 3 no. 4 471-473 Jl-Ag '61

Erman, L. M. [Industrial hygiene for workers in shops with high temperatures] Gigiena truda rabochikh goriachikh tsekhov. Moskva, Medgiz, 1961. 31 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

Heat resistance of cells of the lugworm in relation to the environmental temperature. IU. N. Gorodilov. TSitologiia 3 no. 4 460-471 Jl-Ag '61.

Some controversial problems of cytoecology. B. P. Ushakov. Tsitologiia 3 no. 4 455-460 Jl-Ag '61

Some physical changes in radar station operators caused by the action of high air temperature. M P Panchenko Voen. -med. zhur no 6 74 Je '61.

HEAT—RADIATION AND ABSORPTION

One method of solution of the characteristic equation of the theory of radiative transfer. M. V. Maslennikov. Zhur. vych. mat. i mat. fiz. 1 no 2:255-266 Mr-Ap '61

Some nonstationary problems of radiative heat transfer I V. Nemchinov. PMTF no. 1 36-37 My-Je '60

Use of electronic digital computers for the calculation of heat transfer by radiation. S. P. Detkov Teploenergetika 8 no. 9:33-36 S '61.

HEAT—TRANSMISSION

Application of the theory of similitude for investigating the processes of heat and mass transfer in liquid evaporation [with summary in English] G. T. Sergeev. Inzh. -fiz. zhur. 4 no. 9,76-79 S '61

Approximate calculation of the laminar boundary layer of an incompressible liquid in the case of heat and mass transfer [with summary in English] Z P. Shul'man. Inzh -fiz. zhur. 4 no 8:69-79 Ag '61.

Calculating internal heat exchange during porous cooling S. A. Druzhinin. Teploenergetika 8 no 9:73-77 S '61

Calculation for the mixing of a flowing gas and a fluid. V. M. Datskovskii, G. P. Verkhivker, O. D. Laguikin Teploenergetika 8 no. 9:92-93 S '61

Calculation of heat transfer in laminar liquid flow in pipes in the region of small Peclet numbers [with summary in English]. B. S. Petukhov, F F. TSvetkov Inzh -fiz zhur. 4 no 3 10-17 Mr '61.

Determining the heat transfer coefficient. V. A. Bashkin, E. E. Soloukin. PMTF no. 3:16-24 S-O '61.

Effect of input conditions on the law governing heat transfer in the inlet part of a cylindrical tube [with summary in English] A I Leont'ev, V K Fedorov. Inzh. -fiz zhur 4 no. 8:63-68 Ag '61

Effect of the level of initial perturbations on the intensity of heat exchange during the flow of air in short pipes [with summary in English]. I. T. Shvets' and others. Dop. AN URSR no. 7:920-923 '61.

Effect of the shape factor on external heat transfer in the case of forced convection [with summary in English]. V. B. Shchitnikov. Inzh -fiz zhur 4 no 8:117-120 Ag '61.

Effect of the temperature conditions of a stream and a wall on heat exchange in liquid flow in drops across a cluster of pipes [with summary in English]. V. M. Antuf'ev Inzh fiz. zhur 4 no 7:25-29 Jl '61

Flow of burning gas along the surface of a plate [with summary in English] L. IU Artiukh, L. A Vulis, V P Kashkarov Inzh -fiz zhur 4 no 3 39-45 Mr '61

Gas flow between parallel rotating discs and heat transfer between adjacent channels [with summary in English]. G. N. Den Inzh -fiz. zhur. 4 no. 9:24-31 S '61

Heat conductance of a shot filling in different gaseous mediums IU. P. Shlykov, V. S Udalov Teploenergetika 8 no 4:73-76 Ap '61

Heat exchange between solids of different shapes and a forced liquid flow [with summary in English]. V. K. Shchitnikov Inzh fiz zhur 4 no 7 73-78 Jl '61

Heat transfer in a laminar boundary layer in supersonic gas flow along a tube A. P. Marenov Zhur tekh fiz Jl no 8:1001-1011 Ag '61

Heat transfer in the free movement of rarefied air about a horizontal cylinder [with summary in English] A. K Rebrov. Inzh. fiz zhur. 4 no. 9:32-39 S '61

Heat transfer in turbulent flow of a fluid in the case of high Prandtl numbers [with summary in English] Tsai ko-en [Ts'ai K'uo-eng] Inzh -fiz zhur 1 no 8,20-29 Ag '61

Heat transport by injected carriers. V. I Stafeev Fiz tver. tela 2 no. 3 478-481 Mr '60

Industrial heat carriers and intensity of heat exchange. G. P. Golovinskii. Teploenergetika 8 no. 9:84-87 S '61.

International journal "Teplo- i massoperenos" Reviewed by I. T. Cl'perin Inzh -fiz zhur. 4 no 9 136-137 S '61.

Investigating the actual output of heat sources in the oxyacetylene cutting of low-carbon steel. V S. Golovchenko. Svar. proizv. no. 9 9-11 S '61.

Investigation of heat transfer in the longitudinal flow of water past a sheaf of rods with a relative step of s/d = 1 4 [with summary in English] V I Subbotin, P. A Ushakov, A. V Zhukov Inzh -fiz zhur 4 no 3 3-9 Mr '61

Mean isothermic conditions of a nonstationary field A.G Tomkin Izv. vys ucheb. zav., energ. 4 no. 8 83-91 Ag '61

Minimum thickness of a heat transmitting wall heated by alternating current [with summary in English] A. K Leont'ev. Inzh. -fiz. zhur. 4 no 9:67-72 S '61

Nature of the movement of heat in fluids. Part 2 [with summary in English] A S. Predvoditelev Inzh. fiz zhur. 4 no 7:4-10 Jl '61

Novikov, I. I., and K. D. Voskresenskii. [Applied thermodynamics and heat transfer] Prikladnaia termodinamika i teploperedacha. Pod red. I. I. Novikova. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhniki, 1961. 548 p. (Osnovy inzhenernoi energetiki)

Reflector-type radiators V. Z. Gurevich Vest elektroprom 32 no. 9:61-65 S '61.

Thermal conductivity of a hollow cylinder and a plate with harmonic temperature oscillations [with summary in English]. A. S. Trofimov. Inzh. fiz. zhur. 4 no 7: 79-83 Jl '61

Using the principle of corresponding states to study the thermal conductivity of liquid fuels [with summary in English] V B Zenkevich. Inzh. fiz zhur 4 no. 7 35-39 Jl '61.

HEAT—TRANSMISSION—CONGRESSES

First All-Union Conference on Heat and Mass Transfer. I. P. Il'perin. Inzh fiz.zhur. 4 no 7.124-127 Jl '61

Resolution of the Conference on Heat and Mass Transfer. Inzh. fiz. zhur 4 no. 7:127-136 Jl '61.

HEAT—TRANSMISSION—PERIODICALS

The journal "Teplo- i massoperenos." G. D. Rabinovich. Inzh. fiz. zhur. 4 no. 7:137-140 Jl '61.

HEAT CAPACITY

Discontinuities in heat capacity and the equations of fusion. M. P. Mokhnatkin Zhur. tekh. fiz. 30 no 2 248 F '60.

Heat capacity and desorptive ability of aluminosilicate catalysts [with summary in English] B. S. Belosel'skii, Bi TSze-tszin [Pi Tsê-ching]. V. K. Solikov. Inzh. - fiz. zhur. 4 no. 9:104-107 S '61.

HEAT CONTENT see Enthalpy

HEAT ENGINEERING

Heat engineering standards and regulations in construction should be revised. Inzh -fiz zhur 4 no. 9:120-126 S '61.

Remarks on the practical achievement of quasi-stationary heating conditions [with summary in English] M. Sh. IAgfarov. Inzh. -fiz. zhur. 4 no. 9:94-97 S '61.

HEAT ENGINES

Zaidel', V. A., ed. [Handbook for the installation of heat engines and related equipment] Spravochnik po montazhu teplomekhanicheskogo oborudovaniia. Izd. 2., perer. Moskva, Gos. energ izd-vo, 1960. 560 p. [MICROFILM]

HEAT EXCHANGERS

Effect of a variable heat flow along the surface of a tube on heat exchange in turbulent flow [with summary in English]. G S Ambrok. Inzh fiz zhur 4 no 7:19-24 Jl '61

Heat exchange in a two-phase flow around a bundle of pipes [with summary in English] I T Elperin. Inzh-fiz zhur 4 no 8:30-35 Ag '61

Increasing the life of heat exchangers of steam-heated deep-fat fryers. N N Raikov. Konservn prom. 16 no 7:26-27 Jl '61

Inertness and controllability of countercurrent heat exchangers in case of a disturbed work regime due to changed motion speed of the heat-transfer agent. B N Deviatov, G. S. Khol'kova. Izv. Sib. otd. AN SSSR no 8:36-43 '61

Problem of nonstationary cooling of a limited volume of liquid [with summary in English] G D Rabinovich. Inzh.-fiz zhur 4 no 7:58-63 Jl '61

HEAT EXCHANGERS—WELDING

Seam welding of ribs to pipes. V N Birkman, V N Radzievskii. Svar. proizv. no 8:18-20 Ag '61

HEAT OF ADSORPTION

Heats of adsorption of p-diethyl ether on silica gel [with summary in English]. O M Dzhigit, A V Kiselev, G.G Muttik. Koll. zhur. 23 no 4:504-505 Jl-Ag '61

Isotherms and heats of adsorption of alcohols on carbon blacks of various degrees of graphitization [with summary in English]. N N. Avgul', A. V. Kiselev, I A Lygina. Koll. zhur. 23 no 4:369-375 Jl-Ag '61

Isotherms and heats of adsorption of propane and propylene on graphitized carbon black. Energy of the adsorption forces [with summary in English] A G. Bezus, V. P. Dreving, A V Kiselev. Koll. zhur. 23 no 4:389-398 Jl-Ag '61

HEAT OF FORMATION

Approximate method for calculating the heat of formation of inorganic compounds [with summary in English] L A. Reznitskii. Zhur fiz khim 35 no 8:1853-1859 Ag '61.

HEAT OF VAPORIZATION

Determining the heat of evaporation of moisture contained in a porous body [with summary in English] V M Kazanskii. Inzh.-fiz zhur. 4 no 8,36-42 Ag '61

HEAT-RESISTANT ALLOYS

Heat-resistant steel for fastening components in electric power systems. L IA Liberman, M. N Sokolova. Teploenergetika 8 no. 5:28-34 My '61.

Krivoukhov, V. A., and others. [Machinability of heat-resistant and titanium alloys] Obrabatyvaemost' rezaniem zharoprochnykh i titanovykh splavov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 243 p.

HEAT-RESISTANT STEEL see Steel, Heat-resistant

HEATING

(see also subdivision under Ukraine)

Determination of the unit consumption of fuel of the rural districts for heating. P A. Makarov, T M Pokhanskaia. Ob-shch. energ. no 1:40-41 '61

Intensifying heating exchange in water-air units of decentralized air heating systems [with summary in English, p 70] I O Konviser. Visnyk AN URSR no 2:56-61 '61

Vsesoiuznoe soveshchanie po geotermicheskim issledovaniiam. [Problems in geothermy and the practical utilization of the earth's heat, transactions] Problemy geotermii i prakticheskogo ispol'zovaniia tepla Zemli, trudy. Moskva, Izd-vo Akad. nauk SSSR. Vol. 2, 1961. 304 p.

HEATING—EQUIPMENT AND SUPPLIES

Concrete heating devices. I Liber. Na stroi. Ros. no 7:26-27 Jl '61

HEATING FROM CENTRAL STATIONS

Basic trends in the development of district heating in the U. S. S. R. S. V. Byvshev. Teploenergetika 8 no 9:3-9 S '61.

Combined steam-gas power plants for district heating, operated on the cycle introduced by the Central Scientific Research Institute for Boilers and Turbines, and their technical and economic indices. N. I. Korneev. Teploenergetika 8 no. 9:10-14 S '61

Decrease in the cost and quantity of metal in centralized heat supply systems. I. F Levchak. Teploenergetika 8 no. 4:68-73 Ap '61.

Experience in using magnetic water treatment in a closed heat supply network. N. P Lapotyshkina, R P. Sazonov. Elek sta. 32 no 6:27-28 Je '61

Nomographs for calculating the strength of welded heating system pipes. I V Bellaikina, N. G. Ignat'eva. Elek sta. 32 no. 6:23-26 Je '61.

Prevention of corrosion in a heat supplying network. N K Gromov. Energetik 9 no 8:34 Ag '61

Standards for the design and construction of district heating networks. Teploenergetika 8 no 9:87-92 S '61.

HEATING PIPES

Cementing pipe joints in apartment house heating systems. D Borshchev. Stroi. rabot. Mosk. 9[1 e 10] no 7:24-25 Jl '61

HEIFERS—FEEDING AND FEEDS

Effect of the nutrition level on some physiological and economic characteristics of heifers. M V Mitrofanov, L K Ernst. Trudy Kirov. otd. Vses. fiziol. ob-va I no 1:106-111 '60

HELICOPTERS

(see also subdivision under Ukraine)

"Elementary theory of the helicopter" by A. M. Zagordan. Reviewed by V T Bekhakov. Vest. Vozd. Fl. no 5:84-85 My '61

Helicopters in exercises (as revealed by data in the foreign press) N I Zaitsev. Vest. Vozd. Fl. no 8:92-94 Ag '61

"Mi-1" is toiling. Vest. Vozd. Fl. no 6:95 Je '61

HELICOPTERS—MODELS

Model of a helicopter. Kryl. rod. 12 no 8:16 and insert Ag '61

HELICOPTERS—PILOTING

Landing of a helicopter under conditions of autorotation of the supporting propeller. B. I. Kapitelian, A. B. Sokolov. Vest. Vozd. Fl. no 6:58-63 Je '61

HELIUM

Excitation of the He^4 nucleus by 150 Mev π^--Mesons [with summary in English] IU A Budagov and others. Zhur. eksp. i teor. fiz. 40 no 6:1615-1617 Je '61

Phenomenological deduction of the equations of vortex motion for He II [with summary in English] I I Bekarevich, I M. Khalatnikov. Zhur. eksp. i teor. fiz. 40 no 3:920-925 Mr '61

Stranger from the sun. D Trifonov. Nauka i zhizn' 28 no 8:65 Ag '61

TSederberg, N. V., V. N. Popov, and N. A. Morozova. [Thermal and physical properties of helium] Teplofizicheskie svoistva gelitia. Moskva, Gos. energ. izd-vo, 1961. 118 p.

HELIUM—ISOTOPES

Theory of sound absorption in dilute solutions of He^3 in He II [with summary in English] A F Andreev. Zhur. eksp. i teor. fiz. 40 no 6:1705-1709 Je '61.

HELIUM—THERMAL PROPERTIES

Heat conduction and diffusion of weak He^3 - He^4 solutions in the temperature range from the λ-point to 0.6° K [with summary in English] I. P. Pliukhin. Zhur. eksp. i teor. fiz. 40 no 6:1583-1593 Je '61

HELMINTHOLOGY

Helminth diseases and the production of lamb. R. S. Shul'ts. Vest. sel'khoz. nauki [Kazakh.] 4 no 6:35-41 Je '61.

HEMINGWAY, ERNEST, 1898-1961

Finding the road to people's hearts. Sergo Mikoian. Moskva 5 no. 8:200-201 '61.

HEMORRHAGIC FEVER see subdivision under Mari A S S R.

HEMOSPORIDIA see subdivision under Tajikistan

HEPATITIS, INFECTIOUS

Bacteriological research on epidemic hepatitis. L. A. Shmeiling. Izv. Sib. otd. AN SSSR no. 7:124-125 '61

Change in some biochemical indexes in infectious hepatitis. V. A Temner. Voen.-med. zhur. no 6:80 Je '61

HERACLITUS, c. 540-475 B.C.

Dark Herachtus of Ephesus. IA. IA. Povarkov. Nauka i zhizn' 28 no 7:55-59 Jl '61

HERBICIDES

Weed control. A Marashinskaia. NTO 3 no. 9:54 S '61.

HEREDITY

The methods of physics, chemistry, and mathematics in studying the problems of heredity. N. P. Dubinin. Vop. filos. no. 6:148-151 '57.

Philosophical evaluation of the Michurin trend in biology and its struggle against the Weismann-Mendel-Morgan theory of heredity. I. B. Khaikin. Trudy SIMSKH no. 23 3-16 '60.

HEROES

Immortalize the memory of fallen heroes. A. Zubarev. Voen.-ist. zhur. 3 no 8:124-125 Ag '61

On the road of military traditions. D. Trushin, IA. Izak. Voen. vest. 41 no. 5,62-64 My '61.

HEROES IN LITERATURE

On the principal heroes. Petrus' Brovka. Zviazda Jl no. 9 13-14 S '61.

HERRING

(see also subdivision under Atlantic Ocean, Azov, Sea of, Baltic Sea, Caspian Sea, Dnieper River, Russia, Northwestern, Sakhalin, Volga River)

Origin of some amphiboreal gadoid and clupeoid fishes in connection with the composition of their present fauna [with summary in English]. A. N. Svetovidov. Zool. zhur. 40 no 9:1336-1344 S '61

Plankton as a factor determining the distribution and productivity of plankton-eating fishes in the Black Sea. I I Nikolaev. Trudy sev. Inst. kom. no 14:94-113 '61.

HERRING-FISHERIES see subdivision under Soviet Far East, White Sea

HERTZEN, ALEKSANDR IVANOVICH, 1812-1870

A. I Herzen and the Polish national liberation movement in the late 1850's and the early 1860's. G. G. Emme. Sbor. trud. Arkh. gos. ped. inst. no 4:36-52 '57.

HEXADECANE

Catalytic cracking of normal hexadecane on aluminum nosilic ale catalyst. M. M. Mekhtiev, M. R. Mustafaev. Azerb. khim. zhur. no. 3:43-47 '60

HEXADECANOL

Alcohol monolayers for evaporation reduction from the surface of water and apparatus for measuring two-dimensional pressure of monolayers. A. A. Trapeznikov, V. A. Ogarev. Trudy GGI no. 91:14-32 '61

HEXADIENE

Production of hexadienes based on propylene. Azerb. khim. zhur. no. 4:3-9 '60.

HEXANE

Chlorination of n-hexane on mixed catalysts and alkali metal salts. V. A. Nekrasova, N. P. Starodub. Azerb. khim. zhur. no. 2:93-98 '60

HEYWOOD, WILLIAM, 1869-1928

Gladkov, T. K. [Life of Big Bill] Zhizn' Bol'shogo Billa. [Moskva] Izd-vo VTsSPS Profizdat, 1960. 196 p. (Massovaia bibhioteka rabochego)

HIBERNATION

Electrophysiological study of hibernation. M. P. Bilar. Fiziol. zhur. 47 no. 8:942-949 Ag '61

Some data on the hibernation of birds in the Crimean foothills. P. N. Andreev. Izv. Krym. otd. Geog. ob-va. 4 108 '57.

HIEROGLYPHICS

Friedrich, Johannes. [Deciphering extinct alphabets and languages. Translated from the German] Deshifrovka zabytykh pis'mennostei i iazykov. Predisl. I. M. Dunaevskoi. Pod red. I. M. D'iakonova. Moskva, Izd-vo inostr. lit-ry, 1961. 206 p. (ICU)

HIGH MOLECULAR WEIGHT COMPOUNDS see Macromolecular compounds

HIGH PRESSURE RESEARCH

In the world of ultra high pressures. M. Prianishnikova. Znan. ta pratsia no 7:14-15 Jl '61

HIGHER EDUCATION see Education, Higher

HILBERT SPACE

Boundedness of isometric J-operators. I. S. Iokhvidov. Usp. mat. nauk 16 no 4:167-170 Jl-Ag '61

Criterion of the equality $D_A = D_{A^*}$ for unlimited operators. A. V Kuchel'. Usp. mat. nauk 16 no 3:163-164 My-Je '61.

Gel'fand, I. M., and N. IA. Vilenkin. [Some applications of harmonic analysis. "Filted" Hilbert spaces] Nekotorye primeneniia garmonicheskogo analiza. Osnashchennye gil'bertovy prostranstva. Moskva, Gos. izd-vo fiziko-mat. lit-ry, 1961. 472 p. (Obobshchennye funktsii, no. 4)

HILEVICH, NIL, 1931-

"Restlessness", verse by Nil Hilevich. Reviewed by A. Makarevich. Belarus' 18 no. 9:30-31 S '61

HIROSHIMA—ATOMIC BOMB

"Consequences of the atom bomb burst at Hiroshima." Edited by G. S Zedgenidze. Reviewed by V. V. Bezir. Voen.-med. zhur. no 5:90-91 My '61.

HISTOLOGY

"Normal and pathological submicroscopic structures of cells and tissues, their physiological and pathogenetic significance" by A Policard, C. Baud. Reviewed by A. M. Karpas, V. F. Mashanskii. TSitologiia 3 no 4 485-488 Jl-Ag '61.

HISTORICAL MARKERS

Unique monuments. IA. IAsynskyi. Znan. ta pratsia no. 8:29 Ag '61.

HISTORICAL MATERIALISM see Dialectical materialism

HISTORICAL MUSLUMS
(see also subdivision under: Mena, Moscow, Smolensk)
Joint work of a school and the museum of local lore I Beskorovainyi Nar obr no 9 74-77 S '61

HISTORICAL RESEARCH
(see also subdivision under: India, Kazakhstan, Latvia, Turkmenistan)
Discussing the results of 1960 field studies at a session of the Department of History of the Academy of Sciences of the U S S R. V A Aleksandrov, N IA Merpert Vop ist no 9 118-125 S '61
Grushin, B.A. [Studies on the logic of historical research, development and the problems of its scientific reconstruction] Ocherki logiki istoricheskogo issledovaniia, protsess razvitiia i problemy ego nauchnogo vosproizvedeniia. Moskva, Gos. izd-vo "Vysshia shkola," 1961 211 p.
Some problems concerning the historical research of the Institute of Marxism-Leninism attached to the Central Committee of the CPSU Vop ist KPSS 5 no 5 211-216 '61
Training our future theoreticians and some problems of historical research IU P Frantsev, I A. Khlabich Vop ist KPSS 5 no 5 216-223 '61

HISTORY
Brief notes Vop ist no 9 205-206 S '61

HISTORY—AUDIO-VISUAL AIDS
Composition photography on the topic "October in our district" V Belaev Prep ist. v shkole 16 no 5 96-97 S-O '61
Using the "line of time" in fifth-grade classes M I Svetochev Prep ist v shkole 16 no 5 69-70 S-O '61.

HISTORY—BIBLIOGRAPHY see Bibliography—History

HISTORY—CURIOSA AND MISCELLANY
History news Prep. ist v shkole 16 no. 5 122-128 S-O '61

HISTORY—PHILOSOPHY
Grushin, B.A. [Studies on the logic of historical research, development and the problems of its scientific reconstruction] Ocherki logiki istoricheskogo issledovaniia, protsess razvitiia i problemy ego nauchnogo vosproizvedeniia. Moskva, Gos. izd-vo "Vysshaia shkola," 1961 211 p.

HISTORY—STUDY AND TEACHING
Akademiia pedagogicheskikh nauk RSFSR, Moscow, Leningradskii institut pedagogiki. [Continuity in the methods of teaching history from the third through the fifth grades] Preemstvennost' v metodakh prepodavaniia istorii III-V klassy Pod red. E. I. Nikanorovoi. Moskva, 1961 45 p. (Pedagogicheskie chtenila)
Establishing connections between subjects L IAkover Geog v shkole 24 no 4 63-66 Jl-Ag '61
Exhibition of history copybooks. V P. Ermilov Prep ist v shkole 16 no 5 98-99 S-O '61
Inculcating the spirit of patriotism in fifth-grade students during history lessons. IU. I. Patlazhan. Ukr ist zhur 5 no. 5 97-100 S-O '61
Joint work of a school and the museum of local lore I Beskorovainyi Nar. obr. no. 9 71-77 S '61.
Knowledge and training in history of fifth-grade students in the 1960-1961 school year G G Gerasimova Prep ist v shkole 16 no 5 60-64 S-O '61
Logic assignments in history lessons V. A. Tiunin. Dokl APN no. 1, 55-58 '61
Model planning of the seventh-grade elementary course in the history of the U S S R with data on modern history of foreign countries Prep ist. v shkole 16 no 5 47-49 S-O '61
Organizing cognitive activity of students during the oral exposition of subject matter by a teacher (to be concluded). P. V Gora. Prep. ist. v shkole 16 no 5 35-46 S-O '61
"Pedagogical readings" of history teachers in evening schools M. IU. Povolotskaia Prep ist v shkole 16 no 5 88-89 S-O '61.
Pioneers' two-year plan is in progress. Prep. ist. v shkole 16 no 5 79-86 S-O '61
Preparing students for independent academic work. V. A. Tiunin. Dokl APN no 1, 59-62 '61
Students study the history of their collective farm M. T. Blaginin Rad shk 10 no 7 63-64 Jl '61
Students write the history of their village. F. IA Ivanenko. Rad shk. 40 no. 7 57-60 Jl '61
A theoretical and practical conference of history teachers in Odessa. P. K. Mal'ovanyi. Ukr. ist zhur. 5 no 5: 157-163 S-O '61.
Work according to the new program in the fifth grade N. L. Prosina. Prep ist v shkole 16 no 5 64-68 S-O '61.
Working with a textbook in the fifth grade E. V. Troshina Prep. ist. v shkole 16 no. 5 70-72 S-O '61
"Working with chronology in schools" by G M. Linko, E V. Petrova Reviewed by N. T IUrkin Prep ist v shkole 16 no 5 103-105 S-O '61.

HISTORY—TEXTBOOKS
Important research on methods Prep ist v shkole 16 no 5 121 S-O '61

HISTORY, MODERN
Interesting course of history. V Vladimirov. Ogonek 39 no 32 14-15 Ag '61
Moscow. Institut mezhdunarodnykh otnoshenii. [Problems of modern and contemporary history] Voprosy novoi i noveishei istorii. Moskva, IMO, 1959 232 p. tables.
(NNC)

HISTORY, MODERN—PERIODICALS
A conference of the readers of "Novaia and noveishaia istoriia" A. M. Vechorek, L. G. Liashenko Ukr ist zhur. 5 no. 5:169-170 S-O '61

HISTORY, MODERN—STUDY AND TEACHING
New books issued by the publishing House of the Academy of Pedagogical Sciences of the R S F S R. Prep ist v shkole 16 no 5 118 S-O '61

HLYBINNY, ULADZIMER, pseud. see Sedun, Vladimir, 1910-

HOBBIES
Free time, thoughts about leisure V. Nemtsov Nauka i zhizn' 28 no 8, 106-107 Ag '61

HOFFMANN, ERNST THEODOR AMADEUS, 1776-1822
German romanticism and the work of E. T. A. Hoffmann N M Belnovskaia. Vest ist. mir. kul't 1 no. 1 124-131 Jl-Ag '61

HOISTING MACHINERY
Conditions for starting a two-motor drive of a mine hoisting system M. S Novozhilova Izv vys ucheb zav., energ 4 no 8 22-27 Ag '61.
Forked grab for conveying brick. V. Vokov Stroi i arkhit 9 no. 7 35-36 Jl '61
New scientific and technological developments. Belarus' 18 no. 9, 32 S '61.
Truck-mounted aerial lift. Vest Vozd. Fl. no 8 68 Ag '61
Use of clamps in the assembly of asbestos cement panels V P. Galkin, L. I Pashunin Strot. truboprov. 6 no. 7 20-21 Jl '61.
Zavodchikov, D. A. [Hoisting machinery] Gruzopod"emnye mashiny. Izd. 2., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 312 p.

HOISTING MACHINERY—ELECTRIC EQUIPMENT
"Electric equipment for hoisting and conveying machinery" by A. G. Mekler Reviewed by N. A Khot. Prom. energ. 16 no 9 57-58 S '61.

HOLLAND see Netherlands

HOLMIUM—ISOTOPES
Remarks on excited energy states of Ho^{166} and Cs^{134} odd-odd nuclei L. F. Kalinkin, A S Melioranskii, I V. Estulin. Izv. AN SSSR. Ser. fiz. 25 no. 9 1124-1126 S '61.
Study of conversion electron spectra of neutron-deficient erbium and holmium isotopes. K IA. Gromov, L. S. Dneprovskii. Izv. AN SSSR. Ser. fiz. 25 no. 8 1105-1114 S '61.

HOME AND SCHOOL
(see also subdivision under Caucasus, Northern; Leningrad, Volgograd)
Development of communism and the family Sem'ia i shkola 16 no 6 6-9 Je '61
Make way for parents' universities! Sem'ia i shkola 16 no. 8:15 Ag '61.
Parents' public work is a great creative force Sem'ia i shkola 16 no 8:4-6 Ag '61
When the parent community helps. L. Vishnevskaia Nar obr. no. 9 66-67 S '61.

HOME ECONOMICS
We advise. Nauka i zhizn' 28 no. 8:20, 63, 73, 87, 102 Ag '61.

HOME ECONOMICS—STUDY AND TEACHING
Against the underestimation of home economics. A. Vul'f, Sem'ia i shkola 16 no 6 47 Ag '61.
First results of experimental work on home economics in schools. G. S. Suplina. Dokl. APN no 1 5-6 '61

HOME EDUCATION see Correspondence schools and courses

HOMICIDE
Zagorodnikov, N. I. [Criminal homicide according to Soviet criminal law] Prestupleniia protiv zhizni po sovetskomu ugolovnomu pravu. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 277 p.

HOMICIDE INVESTIGATION
An "insoluble" case I. Romanov Sots. zakon 30 no 9 57-60 S '61.

HOMOGENIZED MILK see Milk, Homogenized

HONCHAR OLEKSANDR TERENTIIOVYCH, 1918-
"Armia and the man", a novel by O. Honchar Reviewed by I Kozlov Komm Vooruzh Sil 1 no 6 91-94 D '60

HOOKWORM DISEASE
Improving the biological method of applying predatory helminthophagous fungi in ancylostomiasis B N I, S A Alakhverdiants, Z M Karimov. Izv AN Turk SSR Ser biol nauk no 1 76-79 '61

HORDIIEV, PETRO IVANOVYCH, 1899-1959
Scientist's loss P. V Kovalfov Geog zhur. no 1 209-211 '61

HORIZONS, ARTIFICIAL
Remote gyro horizon. R. V. Komotskii Vest protivovozd obor no 8 36-38 Ag '61

HORMONE THERAPY
Lesnoi, S. K. [Hormone therapy in gynecology and obstetrics, concise manual] Gormonoterapiia v ginekologii i akusherstve; kratkoe posobie. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 62 p. (Biblioteka prakticheskogo vracha)
(DNLM)

HORMONES
Hidden regulators of life R Vershgub. Znan ia pravda no. 7, 16-18 Jl '61
Role of the vascular factor in the hormonal mechanism of pancreatic excitation [with summary in English] E K Kuznetsova, I T. Kurtsin Biul eksp biol i med 51 no 5 11-16 My '61

HORMONES (PLANTS)
Effect of gibberellic acid on the growth and auxin metabolism of isolated tissue cultures exposed to light of different quality R G Butenko, Z M IAkovleva, N N Dmitrieva Dokl AN SSSR 139 no 5 1216-1219 Ag '61.

HORN CARVING see subdivision under: Galicia, Volhynia

HORSE CHESTNUT
Full flowering of the horse chestnut. P S. Kaplunovskii. Priroda 50 no 9 126-127 S '61

HORSEMANSHIP
Thirty three figures. E. Vasil'ev. Ogonek 39 no 24-28-29 Je '61.

HORSES, FOSSIL see subdivision under: Kara-Bogaz-Gol (City)

HORSES IN ART see subdivision under: Cherepin

HOSPITALS
Organization of work at a receiving and sorting section of a therapeutic hospital D B Marshalkovich and others. Voen.-med. zhur no 6 15-17 Je '61

HOSPITALS—ADMINISTRATION see subdivision under: Moscow

HOSPITALS, MILITARY
Organization of a medical post O. Kulakhkov Tyl i snab Sov Voor Sil 21 no. 7 31-37 Jl '61

HOT-AIR HEATING
Drying and heating buildings under construction or repair with gas devices A. B IAnovskii, T. N. Smyshliaeva. Gor khoz. Mosk. 35 no 8 34-35 Ag '61
Selecting rated outside temperature of air for heating systems in Armenia. K. Ter-Mkrtchian, G Melikian. Prom. Arm. 4 no 5 58-61 My '61.
Using the O-30 and OV-65 heating units under winter conditions. V. P. Shakhanov Strot truboprovod 6 no. 8:24-26 Ag '61

HOT-WATER HEATING
Standardized central heating system with few metal parts. N Lifshits. Zhil stroi. no 8 30-32 Ag '61.

HOTBEDS
Vladimirova, V. L. [Growing vegetables in greenhouses and hotbeds] Vyrashchivanie ovoshchei v teplitsakh i parnikakh. Kishinev, Gos. izd-vo "Kartia moldoveniaske, 1959. 26 p. (Vystavka dostizhenii narodnogo khoziaistva MSSR)
(DA)

HOURS OF LABOR
Labor productivity and the workday during the period of large-scale building of communism T. P. Alekseeva. Trudy LIUI no. 35:62-78 '61.

HOUSE FURNISHINGS INDUSTRY
Be wary of bad taste! I. Abramskii. Moskva 5 no. 8: 184-190 '61.

HOUSE PLANTS
Useful advice. K. Bragina. Sov. shakht. 10 no. 8:45-46 Ag '61.

HOUSEHOLD APPLIANCES see subdivision under United States

HOUSEHOLD UTENSILS see Kitchen utensils

HOUSES, BRICK see Brick houses

HOUSING
(see also subdivision under Moscow)
Borisovskii, S. P., ed. [Drafting a plan for housing and municipal services] Metodika sostavleniia plana zhilishchno-kommunal'nogo khoziaistva Izd. 2., pererab. i dop. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1959 449 p.
(CLU)

HOUSING MANAGEMENT see subdivision under Moscow

HRABOVS'KYI, PAVLO ARSENOVYCH, 1864-1902
Unknown letters written by Pavlo Hrabovs'kyi. P. Petrov. Sov. Ukr 11 no. 8 158-161 S '61.

HULLS (NAVAL ARCHITECTURE)
Glozman, M. K., and V. F. Sokolov. [Building a ship hull on slipways] Postroika korpusa sudna na stapele. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 195 p.

HUMAN EMBRYOLOGY see Embryology, Human

HUMANISM
Humanism of a socialist society. N. D. Tovbach Nauch. zap. Kiev fin.-ekon. inst. no 9 244-256 '59.

HUMIDITY
Effect of atmospheric humidity and moisture contained in leaves on the development and viability of silkworm larvae (Bombyx mori L.) [with summary in English]. G. V. Samokhvalova and others. Zool. zhur. 40 no. 8: 1192-1201 Ag '61.
Theory of diurnal humidity and air temperature variations in the lower atmospheric layer M. E. Berland, I. L. Solomatina Trudy GGO no 123 62-69 '61

HUMUS
(see also subdivision under Kura Lowland)
Comparative influence of perrenial and annual grasses on soil structure and the accumulation of humus in soils under irrigation. F. S. Ulanov Vest. sel'khoz. nauki [Kazakh.] 4 no. 3, 18-20 Mr '61.
Humus content of the Chernozems of Western Siberia N. I. Bogdanov. Trudy OmSKhI 43:11-22 '61.

HUNGARIAN LANGUAGE—GRAMMAR
The first grammar of the Hungarian language in Russia. L. A. Vladimir. Dop. ta pov. UzhDU. Ser. filol. no 2:121-123 '58.

HUNGARY—ECONOMIC CONDITIONS
"The revolution of prices" and its role in Hungary in the second half of the 18th century [with summary in French] T. Wittmann Sred. veka no 20 166-189 '61

HUNGARY—EDUCATION, HIGHER
We rejoice in the successes of the Soviet Union. V. Benke Vest. vys. shkoly 19 no 8:47 Ag '61.

HUNGARY—ELECTRIC CABLES
Production of electric cable making machinery in Hungary M. IA. Tafipol'skaia Vest. elektroprom. 32 no 9 57-61 S '61

HUNGARY—FLOUR MILLS
New mill L. Fornval'd Nauka i zhyttia 10 no. 3, 60

's Republic
Metal-

khi.

4

HUNS see subdivision under Siberia

HUNTING
Dezhkin, V. V. [Book for hunters and anglers] Okhotniku i rybolovu. [Lipetsk] Lipetskoe knizhnoe izd-vo, 1961. 149 p.
Problems of hunting management in connection with the forthcoming 22d Congress of the CPSU [with summary in English] V. N. Skalon Zool. zhur. 40 no. 9 1291-1298 S '61

HYBRIDIZATION, VEGETABLE
Barley-Chnelymus hybrids in the Pamirs N. V. Kuzmina Izv. Otd. sel'khoz. i biol. nauk AN Tadzh. SSR no. 1 79-93 '59
Effect of meteorological conditions on natural hybridization in spring wheat A. P. Gorin Izv. TSKhA no. 2 20-25 '61

HYDRATION
Investigation of the hydration of colloids in solutions producing hydrophilic properties V. S. Lapatukhin, V. R. Leve Zbor. nauch. rab. VNIIPPiT no. 9 83-117 '58

HYDRAULIC CONTROL
Comparative evaluation of hydraulic and electrohydraulic regulators manufactured at the "Teploavtomat" Plant. D. IU. Motulevich, M. A. IAstrebenetskii. Priborostroenie no. 8, 6-8 Ag '61.
Nozzle-flap type hydraulic amplifier. N. S. Gamynin Trudy MAI no. 134:89-99 '61
Static and dynamic characteristics of a hydraulic drive in a system of "nozzle-flap and hydraulic cylinder." N. A. Borisova Trudy MAI no. 134:78-88 '61.

HYDRAULIC CONVEYING
Attrition of Chiatura deposit manganese slimes in the process of hydraulic conveying. A. I. Akatov Obog. rud 8 no. 1:48-52 '61.
Operating a hydraulic transportation system for tailings from the Magnitogorsk ore dressing plants T. I. Mel'nikov, I. D. Titova Obog. rud 4 no. 6 41-49 '59
Smoldyrev, A. E. [Design of a mine pipeline conveying system] Raschet rudnichnogo truboprovodnogo transporta; k nauchnym osnovam truboprovodnogo transporta. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 58 p.

HYDRAULIC ENGINEERING
Interuniversity conference devoted to the 22d Congress of the CPSU. A. K. Khapneva, Izv. vys. ucheb. zav., energ. 4 no. 8 123-125 Ag '61.
Kurochkin, S. N. [Use of underwater concreting in harbor hydraulic engineering] Primenenie podvodnogo betonirovaniia v portovom gidrotekhnicheskom stroitel'stve. Moskva, Izd-vo "Morskoi transport," 1961. 48 p.
[MICROFILM]

HYDRAULIC ENGINEERING—CONGRESSES
Twentieth Scientific and Technical Conference of the Kuybyshev Engineering and Construction Institute in Moscow. I. I. Kandalov. Gidr. stroi. 31 no. 8 59-60 Ag '61.

HYDRAULIC ENGINEERING—COSTS
Problem concerning the theoretical determination of the calculational (optimum) magnitude of assurance of maximum expenditures N. P. Chebotarev Izv. vys. ucheb. zav., energ. 4 no. 8:92-97 Ag '61.

HYDRAULIC ENGINEERING—RESEARCH
"Studies of water-saturated sand in the U. S. S. R. in designing supporting structures" by Z. Bazant [in Czech]. Book review. Gidr. stroi. 31 no. 8:3 of cover Ag '61.

HYDRAULIC ENGINES
Characteristics of the hydraulic engines of pumps and valves used in servomechanisms. N. S. Gamynin. Trudy MAI no. 134:100-106 '61.

HYDRAULIC JACKS
Assembling houses by lifting entire stories. G. Serostanov. Stroi. i arkhit. 9 no. 8:22-24 Ag '61.
Concerning a craneless method using hydraulic lifts for installing generator stators with a weight up to 240 tons. V. V. Bulgakov. Elek. sta. 32 no. 6 39-42 Je '61.

HYDRAULIC JUMP
On N. V. Lapturev's article "Calculation and scaling of sequent depths of the hydraulic jump." M. S. Vyzgo. Izv. AN Kir. SSR, Ser. est. i tekh. nauk 2 no. 4 193-196 '60

HYDRAULIC MACHINERY
Concerning the determination of the optimum magnitude of the blade angle in the output of the directing apparatus of a single-stage hydraulic torque converter. IU. N. Laptev Izv. vys. ucheb. zav., energ. 4 no. 8 98-102 Ag '61.

HYDRAULIC MACHINERY—VIBRATIONS
Elimination of vibrations in the hydraulic lift of a gate valve in a water tunnel. A. V. Pirogov. Gidr. stroi. 31 no. 8:35-36 Ag '61.

HYDRAULIC MODELS
Apparatus for proportional feeding of sediments to stream channel models K. F. Artamonov, S. Sadirkul' Izv. AN Kir. SSR Ser. est. i tekh. nauk 2 no. 4 184-185 '60
Profilograph of a new design for model channels K. F. Artamonov, V. F. Talmaza Izv. AN Kir. SSR Ser. est. i tekh. nauk 2 no. 4 187-192 '60

HYDRAULIC PRESSES—TECHNOLOGICAL INNOVATIONS
Mikheev, V. A., V. M. IAm, and B. I. Poliakov. [Modernization of hydraulic press equipment] Modernizatsiia gidropressovogo oborudovaniia. Moskva, Gos. nauch.-tekhn. izd-vo mashinostroit. lit-ry, 1961. 248 p.

HYDRAULIC STRUCTURES
Borisov, S. N., D. G. Lapteva, and G. S. Khovanskii. [Collection of nomographs for calculating free surface curves in channels of a trapezoidal cross section] Sbornik nomogramm dlia rascheta krivykh svobodnoi poverkhnosti v kanalakh trapetseidal'nogo profiliia. Moskva, Vychislitel'nyi tsentr AN SSSR, 1961.
——— ——— Supplement. 301.
Correlation theory in setting standards for hydraulic construction V. I. Petrov. Gidr. stroi. 31 no. 8 14-17 Ag '61.
Erecting water-resistant earth structures by dumping soil into the water. P. I. Volodenkov. Gidr. stroi. 31 no. 8:40-42 Ag '61.
From the pages of foreign magazines. Gidr. stroi. 31 no. 8 52-56 Ag '61

HYDRAULIC STRUCTURES—CONGRESSES
Conference of readers of this magazine. Gidr. stroi. 31 no. 8 60-62 Ag '61.

HYDRAULIC STRUCTURES—FOUNDATIONS
Approximate analytical calculation of the stability of foundations of propping structures. V. A. Iovelevich. [Trudy] NIIOSP no. 43:73-81 '61.

HYDRAULIC TURBINES
Angular momentum of a hydraulic turbine in transient processes. B. L. Buniatian, N. K. Ioannisian. Izv. AN Arm. SSR, Ser. fiz.-mat. nauk 14 no. 3:133-138 '61
Control of an adjustable-blade hydraulic turbine at a sudden drop of the load L. A. Tepaks Izv. vys. ucheb. zav., energ. 4 no. 8 103-109 Ag '61
Effect of the confuser taper behind the butterfly gate with a plane-skewed disk on the characteristics of the gate. B. I. IAn'shin. Energomashinostroenie 7 no. 7 16-19 Jl '61.
New design of the rotor wheel of a hydraulic adjustable blade turbine M. L. Steklov, B. K. Anchishkin Energomashinostroenie 7 no. 5 41-43 My '61
Work of the hydraulic turbine during transition processes. A. A. Aslamazian. Izv. AN Arm. SSR, Ser. tekh. nauk 14 no. 3, 35-42 '61.

HYDRAULICS
Distribution of actual bottom velocities in the after bay of a spillway dam [with summary in English] V. G. Barzilevych Dop. AN URSR no. 7 891-895 '61
Distribution of hydrodynamic pressure in a steady flow of liquid A. N. Kriukhkin Izv. AN Kir. SSR, Ser. est. i tekh. nauk 2 no. 4 163-173 '60
Effect of bed load on the kinematic characteristics of a free turbulent stream; results of experimental investigations Z. N. Okulova. Nauch. zap. MIIVKH 23 210-232 '60.
Experimental investigation of the effect of surface roughness on the velocity field of a uniform turbulent stream [with summary in English] O. S. Kopystians'kyi Dop. AN URSR no. 7 896-899 '61
Free and dammed separation of streams. S. Satarkulov Izv. AN Kir. SSR, Ser. est. i tekh. nauk 2 no. 1 175-181 '60.
Hydraulic resistance in earth canals. S. Kh. Abal'iants Trudy SANIIRI no. 108:3-70 '60
Simplified method for calculating the transformation of the forebay of low-head dams E. V. Kostiuchenko Izv. AN Kir. SSR, Ser. est. i tekh. nauk 2 no. 1 133-145 '60
Study of the turbulent flow of water in a widening rectangular channel F. I. Ignatenko Izv. vys. ucheb. zav., stroi. i arkhit. 4 no. 4 111-119 '61.

HYDRAULICS—CONGRESSES
Vsesoiuznoe nauchno-tekhnicheskoe soveshchanie po vodozabornym sooruzheniiam i ruslovym protsessam. [Transactions of the All-Union Scientific-Technological Conference on Water Intakes and River Bed Evolution] Trudy, posviashchaetsia 40-letiiu Sovetskoi vlasti i sozdaniiu kompartii Gruzii. Tbilisi, Gruzinskii nauchno-issl. in-t gidrotekhniki i melioratsii Gruzmeliorgim.
Vol. 2. 1960. 214 p.

HYDRAULICS—TABLES, CALCULATIONS, ETC.
Kiselev, P. G. [Reference book for calculations in hydraulic engineering] Spravochnik po gidravlicheskim raschetam. Izd. 3., pererab. i dop. Pod red. V. D. Zhurina. Moskva, Gos. energ. izd-vo 1961. 352 p.

HYDRAZIDES

Role of trace elements and the hydrazide of maleic acid in increasing the productivity and improving the quality of sugar beets on peat soils. I.A.Shcherbenko Visnyk sil'hosp nauky 3 no.1 72-76 Ap '60.

HYDROBROMIC ACID

Conjugated systems Part III Addition of hydrogen bromide to butynone and vinylacetylene ketones V.D. Nemirovskii, L.F. Chelpanova, A.A. Petrov Zhur. ob. khim. 31 no. 8 2552-2559 Ag '61

HYDROCARBONS

(see also subdivision under Kobystan, Siazan' region)

Addition of triphenylmethyl radicals to enynes and silicon hydrocarbons A.A. Petrov, M.D. Stadnichuk, I.U.L. Kheruze Dokl. AN SSSR 139 no. 5 1121-1127 Ag '61

Catalytic conversion of hydrocarbons of the kerosine fraction [in Azerbaijani with summary in Russian] M.A. Mardanov, S.A. Sultanov Azerb. khim. zhur. no. 2 47-52 '60

Catalytic properties of rare earths. Report No. 1 Transformation of n-heptane, cyclohexane, and ethylcyclopentane on erbium oxide Kh.M. Minachev, M.A. Markov, O.K. Shchukina Izv. AN SSSR Otd. khim. nauk no. 8 1507-1511 Ag '61

Catalytic reforming of light oils from the pyrolysis of hydrocarbon gases. Iu.G. Mamedaliev and others Azerb. khim. zhur. no. 6 3-13 '60.

Determination of primary and secondary higher alcohols of the aliphatic series in their mixtures A.N. Bashkirov and others Metod anal. org. soed. nefti, ikh smes i produktov no. 1 170-177 '60

Determination of the group hydrocarbon composition of clear fuels boiling above benzene V.D. Ianopol'skii, I.E. Dolnakova, A.S. Konysheva, Azerb. khim. zhur. no. 3 99-105 '60

Dispersity and electric properties of aerosols originated by the radiolysis of gaseous hydrocarbons. V.S. Bogdanov. Izv. AN SSSR, Otd. khim. nauk no. 8 1520-1522 Ag '61

Effect of solid hydrocarbons on the solidification point of light oils from the Surakhany selected crudes M.R. Musaev Azerb. khim. zhur. no. 1 11-15 '61

Hydroaromatic hydrocarbons of the fraction 140-175°C in crudes of the lower formation of the Karachukhur Field. B.F. Pishnamazzade and others. Azerb. khim. zhur. no. 3 65-75 '60

Photochemical chlorination of aromatic hydrocarbons and dehydrochlorination of their dichlorosubstituted derivatives S.D. Mekhtiev and others Azerb. khim. zhur. no. 2 17-24 '61.

"Physicochemical properties of individual hydrocarbons" a manual Reviewed by M.M. Kusakov Khim. i tekh. topl. i masel 6 no. 8 68-70 Ag '61

Possible use of the electron paramagnetic resonance method for recording active centers in the reactions of the liquid phase oxidation of hydrocarbons. IA.S. Lebedev, V.F. TSepalov, V.IA. Shlyapintokh. Dokl. AN SSSR 139 no. 6 1409-1412 Ag '61.

Production of low molecular weight aromatic hydrocarbons from the high boiling petroleum fractions B.F. Pishnamazzade, L.M. Kosheleva, G.N. Suleimanov. Azerb. khim. zhur. no. 5 17-24 '60

Production of xylenes based on aromatic hydrocarbons of the intermediate petroleum fraction. B.F. Pishnamazzade, L.M. Kosheleva, G.N. Suleimanov. Azerb. khim. zhur. no. 6 50-58 '60.

Role played by individual hydrocarbons in the formation of coke on an aluminosilicate catalyst under the conditions of catalytic cracking. M.M. Melikzade, M.R. Musaev. Azerb. khim. zhur. no. 4 17-20 '60

Synthesis and conversion of hydrocarbons. S.D. Mekhtiev. Azerb. khim. zhur. no. 2 35-45 '60.

Synthesis of low molecular weight aromatic hydrocarbons from a natural aromatic concentrate B.F. Pishnamazzade, L.M. Kosheleva, G.N. Suleimanov. Azerb. khim. zhur. no. 4 35-43 '60.

HYDROCARBONS—SPECTRA

Raman spectra of certain hydrocarbons of the benzene series having one or two side chains. V.T. Aleksanian and others. Izv. AN SSSR. Otd. khim. nauk no. 8 1437-1443 Ag '61.

Raman spectra of some tri- and tetraalkylbenzenes and condensed aromatic hydrocarbons. Kh.E. Sterin and others. Izv. AN SSSR. Otd. khim. nauk no. 8 1444-1450 Ag '61.

HYDROCHLORIC ACID

Measurement of the transfer numbers of H^+ ions in hydrochloric acid solutions by a concurrent observation of the motion of ions and of the solution [with summary in English]. E.A. Kaimakov, V.B. Fika. Zhur. fiz. khim. 35 no. 8 1777-1783 Ag '61.

HYDROCYANIC ACID

Extraction of gold hydrocyanic acid with n-trioctylamine. O.E. Zvyagintsev, O.I. Zakharov-Nartsissov, A.V. Ochkin Zhur. neorg. khim. 6 no. 8 1978-1979 Ag '61.

HYDRODYNAMICS

Analogies in solving certain problems of the theory of elasticity and hydrodynamics [with summary in English]. G.V. Vasil'chenko, K.I. Shimko. Inzh. fiz. zhur. 4 no. 7 52-59 Jl '61

Boundary value problems for linearized Navier-Stokes equations for the case of limited viscosity N.N. Moiseev Zhur. vych. mat. i mat. fiz. 1 no. 3 518-550 My-Je '61

Cellular structure of a convective liquid flow in a vertical tube of round cross section [with summary in English] E.I. Slavnova Inzh.-fiz. zhur. 4 no. 8,80-86 Ag '61

Comments on the theory of high-speed collisions of metallic bodies N.A. Zlatin. Zhur. tekh. fiz. 31 no. 8 982-990 Ag '61

Determination of the velocity of a medium-sized drop of condensate in a flow of saturated steam [with summary in English] I.P. Fadeev. Inzh.-fiz. zhur. 4 no. 6 56-60 S '61.

Error arising in nonstationary methods for determining the thermal coefficients of hygroscopic solids [with summary in English] L.A. Brovkin Inzh.-fiz. zhur. 4 no. 3 127-130 Mr '61.

Flow of a liquid film. G.A. Beda. PMTF no. 3 110-111 S-O '61.

Heat exchange between solids of different shapes and a forced liquid flow [with summary in English]. V.K. Shchitnikov Inzh. fiz. zhur. 4 no. 7 73-78 Jl '61

Hydrodynamic resistance of a liquid to the rotation of a partially immersed ring. L.B. TSennskii. PMTF no. 3,120 S-O '61.

Impact of a spherical drop on a hard surface. M.I. Khmel'nik. Izv. AN SSSR. Otd. tekh. nauk Mekh. i mashinostr. no. 1 167-169 Jl-Ag '61

Interaction between a shock wave and the free surface of a liquid. K.A. Bezhanov. Zhur. vych. mat. i mat. fiz. 1 no. 1 128-143 Ja-F '61.

Investigation of heat transfer in the longitudinal flow of water past a sheaf of rods with a relative step of $s/d = 1.4$ [with summary in English] V.I. Subbotin, P.A. Ushakov, A.V. Zhukov. Inzh.-fiz. zhur. 4 no. 1 3-9 Mr '61.

Nature of heat motion in liquids Part 3 [with summary in English]. A.S. Predvoditelev Inzh.-fiz. zhur. 4 no. 8 3-9 Ag '61

Numerical solution of one problem of nonstationary filtration. V.P. Baklanovskaia. Zhur. vych. mat. i mat. fiz. 1 no. 1 105-112 Ja-F '61

Oscillations of a liquid in an annular cylindrical vessel with a horizontal generatrix A.A. Petrov Zhur. vych. mat. i mat. fiz. 1 no. 4 741-746 Jl-Ag '61.

Rate of the movement of water in a layer of finely ground iron ores and concentrates [with summary in English] V.I. Korotich. Inzh. fiz. zhur. 4 no. 7 91-95 Jl '61.

Siphon devices for studying the movement of aqueous mixtures O.D. Alekperov. Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk no. 6 163-170 '60

Solution of nonlinear equations of the motion of a viscous incompressible liquid in a space between two adjacent surfaces G.P. Vypov PMTF no. 1 75-82 My-Je '60

Steady-state movements of ground water in strata bordering on weakly permeable strata. P.IA. Polubarinova-Kochina. PMTF no. 1 91-95 My-Je '60

Using radiation methods in investigating the flow of intersoluble liquids. P.I. Zabrodin, N.L. Rakovskii, M.D. Rozenberg. Izv. AN SSSR Otd. tekh. nauk. Mekh. i mashinostr. no. 4 43-47 Jl-Ag '61.

HYDROELECTRIC POWER STATIONS

(see also subdivision under Armenia; see also Angren Hydroelectric Power Station; Kiev Hydroelectric Power Station; Volga Hydroelectric Power Station (22d Congress of the CPSU)

Concerning the efficiency limits in increasing the established power of hydroelectric power stations D.S. Stepanov. Elek. sta. 32 no. 6 32-38 Je '61

Determining speeds and pressures in spillways of power stations built into the body of a dam. Liu Da-min. Gidr. stroi. 31 no. 8 45-48 Ag '61.

Evangelisti, Diuzeppe. [Concerning control of frequency in hydroelectric power stations] K voprosu regulirovaniia chastoty na gidroelektrostantsiiakh. Moskva, 1960. 13 p. (International Federation of Automatic Control, 1st International Congress, Moscow, 1960 [Doklady, no. 50])

[MICROFILM]

Laboratory studies of conical draft tubes with solid conical inserts. N.N. Stepanov Izv. vys. ucheb. zav., stroi. i arkhit. 4 no. 4 103-110 '61.

Problems of the stability of stationary operating conditions of hydroelectric generating stations and power systems viewed as problems of the theory of oscillations. G.V. Aronovich and others. PMTF no. 3 56-73 S-O '61.

Questions of the effectiveness of a hydroelectric power station in complex power systems. A.-Kh.M. Tamadaev. Gidr. stroi. 31 no. 8 57-59 Ag '61.

Unused possibilities. A. Danilov. Fin. SSSR 22 no. 8 67-70 Ag '61.

Using operating characteristics of hydraulic turbine generator units in determining operating conditions for rural hydroelectric power stations. V.I. Chebotarev, A.N. IAkovlev. Nauch. trudy Sev.-zap. nauch.-issl. inst. sel'khoz. no. 3 pt. 3 66-76 '59.

HYDROELECTRIC POWER STATIONS—EQUIPMENT AND SUPPLIES

"Portable duplicate milling machine for milling the surface of runner chambers of hydroelectric power station apparatus" by F.V. Zhigulova, V.Z. Vysotskii Book review. Gidr. stroi. 31 no. 8 1 of cover Ag '61.

HYDROFLUORIC ACID—SPECTRA

Refraction by liquid hydrofluoric acid. S.S. Batsanov, IU.I. Veinin Opt. i spektr. 10 no. 6 808-809 Je '61

HYDROGEN

Calculation of equations for determining the energy levels of an ionized hydrogen molecule A.A. Abramov, V.I. Ul'ianova. Zhur. vych. mat. i mat. fiz. 1 no. 2 351-354 Mr-Ap '61

Determination of the coefficient of the recombination of oxygen atoms on a surface of quartz coated with potassium tetraborate N.I. Gorbanl, V.V. Azatian, A.B. Nalbandian Dokl. AN SSSR 139 no. 5 1141-1144 Ag '61

Investigation of hydrogen and deuterium desorption from palladium by means of a pulse mass spectroscope IU.I. Beliakov, N.I. Ionov Zhur. tekh. fiz. 30 no. 2 216-222 F '60.

Overvoltage of the electrodeposition of hydrogen from concentrated solutions of hydrochloric and perchloric acids on an amalgam copper electrode [with summary in English]. IA.V. Durdin, E.G. TSventarnyi Vest. LGU 16 no. 16 85-96 '61

Some results of investigating a heavy-current corona in hydrogen V.A. Burmakin, V.G. Gubanova, P.N. Chistiakov Zhur. tekh. fiz. 30 no. 2 199-205 F '60

HYDROGEN—ISOTOPES

Crystalline structure of solid hydrogen isotopes. R.P. Ozerov and others. Kristallografiia 6 no. 4 631-632 Jl-Ag '61.

Density of $H_2 - D_2$ solutions [with summary in English]. V.N. Grigor'ev, N.S. Rudenko Zhur. eksp. i teor. fiz. 40 no. 3 757-761 Mr '61

HYDROGEN HALIDES

Distribution of hydrohalic acids and arsenic halides in the system water - organic solvent F.G. Zhurovskii, V.A. Latyinenko Zhur. neorg. khim. 6 no. 8 1910-1913 Ag '61

HYDROGEN ION CONCENTRATION

Concept of "the critical pH value" in flotation. I.A. Kakovskii, A.N. Grebnev. Obog. rud 4 no. 5 6-9 '59.

HYDROGEN NUCLEUS see Protons

HYDROGEN PEROXIDE

β-Dicarbonyl compounds Report No. 9 Reaction between β-dicarbonyl compounds and hydrogen peroxide L.P. Vinogradova, S.L. Zavialov Izv. AN SSSR Otd. khim. nauk no. 8 1482-1486 Ag '61

Calcium peroxychromates and the mechanism of the catalytic decomposition of H_2O_2 by chromates [with summary in English]. G.A. Bogdanov, G.L. Petrova A.I. Minaev. Zhur. fiz. khim. 35 no. 8 1716-1717 Ag '61.

Mechanism of the disturbance of acetylcholine synthesis by enzymatically produced hydrogen peroxide. A.A. Miul'berg. Dokl. AN SSSR 139 no. 6 1495-1497 Ag '61.

Synthesis of diatomic alcohols by the hydroxylation of olefins with hydrogen peroxide. S.D. Mekhtiev, A.A. Bakhshi-Zade, S.I. Mekhtiev. Azerb. khim. zhur. no. 6 33-38 '60.

Synthesis of hydrogen peroxide from elements in a silent discharge. I.I. Vol'nov, A.N. Molodkina. Zhur. neorg. khim. 6 no. 8 1952-1954 Ag '61

HYDROGENATION

Evaluation of the hydrogenation refining of kerosine fractions on various catalysts S.A. Sultanov, M.A. Mardanov, S.G. Naroditskaia Azerb. khim. zhur. no. 3 25-29 '60.

Homogeneous catalytic hydrogenation of olefinic compounds (in connection with an investigation). V.A. Tulupov. Zhur. fiz. khim. 35 no. 8 1871 Ag '61

Hydrofining of kerosine-gas-oil fractions of the secondary recovery. M.A. Mardanov, S.A. Sultanov, S.G. Naroditskaia. Azerb. khim. zhur. no. 5 3-8 '60.

Hydrogenation of iso- and n-butyl phenyl ketones on a nickel-kieselguhr catalyst. M.R. Musaev. Azerb. khim. zhur. no. 2 99-101 '60

Rhenium as a catalyst of hydrogenation. A.A. Balandin, E.I. Karpeiskaia, B.D. Polkovnikov Dokl. AN SSSR 139 no. 5 1101-1104 Ag '61

Sequence of reactions in the hydrogenation of 2,3-dimethyl-1,3-butadiene on a skeletal nickel catalyst. L.Kh. Freidlin, E.P. Litvin, IU.IU. Kaup. Dokl. AN SSSR 139 no. 6 1386-1388 Ag '61.

HYDROGRAPHY see subdivision under Azov, Sea of; Baltic Sea; Riga, Gulf of

HYDROLOGY
(see also subdivision under Baltic Sea, Caspian Sea, Japan, Sea of, Kara-Bogaz-Gol (Gulf), Kermadec Deep, Khrami River, Kura Valley, Oredezh River, Riga, Gulf of, Tajikistan, Tonga Deep, Tvertsa River, Volga-Ural region)
"Methods of stream flow calculation with reference to physicogeographical conditions" by A G Trestman Reviewed by O N Borsuk, D E Sverdlumov Meteor i gidrol no 9 57-60 S '61
Model study of a theoretical hydrological series by the Monte Carlo method G G Svanidze Soob AN Gruz SSR 26 no 5 565-572 My '61

HYDROLOGY—BIBLIOGRAPHY see Bibliography—Hydrology

HYDROLOGY—CONGRESSES
International conference on hydrological forecasts G P. Kalinin Meteor i gidrol no 9 65 S '61

HYDROLOGY—RESEARCH
(see also subdivision under Caspian Sea)
Apparatus for recording level microvariations in small bodies of water V. P. Matveev Trudy Lab ozeroved 11 100-110 '60
Applying the principle of mechanical analogy to the study of sediment transport by waves B A Popov Meteor i gidrol no 9 41-45 S '61.

HYDROLYSIS
Kinetics of the acid hydrolysis of certain phenol and chlorophenol glycosides B N Stepanenko, O. G Serdiuk Dokl AN SSSR 139 no 5 1132-1135 Ag '61

HYDROMETALLURGY
Determining the boundary dimensions of a grain moving in a suspension I M Verkhovskii, V N Shubin Obog rud 4 no 6 3-7 '59
Determining the free settling velocity of solids in liquids. D. N. Lifland, Obog. rud 1 no. 5 10-14 '59
Dissolution and precipitation of rare metal sulfides in salt and acid chloride solutions A I. Tselt, G L Shalavina, Z. D. Zhakipova Izv AN Kazakh SSR ser met., obog i ogneup no 2 91-96 '61
Interaction of iron and manganese tungstates with sodium solutions in conditions of the autoclave process. P. M. Perlov, V. M. Poprikadis. Obog. rud 4 no. 5 15-19 '59.
Materials for equipment used in some processes of the hydrometallurgy of nonferrous metals G L. Shwartz, Iu. S. Sidorkina Trudy NII-IMMASH no 27 62-74 '59.
Solubility of silver chloride in aqueous solutions of chlorides of iron, calcium, ammonium and sodium R G. Azerbaeva, A I. Tselt Izv AN Kazakh SSR Ser met., obog i ogneup no 2 85-90 '61
Use of the autoclave soda process for the treatment of tungsten-molybdenum products P M. Perlov Obog rud 5 no. 5 34-37 '60

HYDROMETALLURGY—EQUIPMENT AND SUPPLIES
Nomograms for the calculation of pulp ducts T I Mel'nikov Obog. rud 4 no 4 23-28 '59.

HYDROSTATICS
Temperature effect on the state of absorbed capillary moisture in macroscopic pores of a disperse body [with summary in English] M. F Kazanskii Inzh -fiz. zhur. 4 no 3 53-57 Mr '61

HYDROTHERAPY
Syroechkovskaia, M. N. [Water in the treatment and prevention of diseases] Voda v lechenii i preduprezhdenii boleznei Moskva, Gos. izd-vo *med. lit-ry Medgiz*, 1961. 34 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

HYDROURACIL
Dihydrouracils. L. S. Sandakhchiev, V F Mamaev. Izv. Sib. otd. AN SSSR no. 7, 72-76 '61.

HYDROZOA
"Hydroidea and hydromedusae of marine, brackish, and fresh waters of the U. S. S. R." by D. V. Naumov Reviewed by G. G Abrikosov Zool zhur 40 no 9, 1431-1432 S '61.

HYENAS
Friend of wild hyenas. A Abramov. Ogonek 39 no. 25. 31 Je '61.

HYGIENE, RURAL see Public health, Rural

HYPERSONIC AERODYNAMICS see Aerodynamics, Hypersonic

HYPERSONS
Generation of Θ^+-hypersons by π-mesons at pulses of 7 and 8 Bev/c [with summary in English]. Van Gan-chan [Wang Kang-ch'ang] and others. Zhur. eksp i teor. fiz 40 no. 3, 734-740 Mr '61

HYPERSPACE
Functional possibilities and the synthesis of threshold elements Dokl AN SSSR 139 no. 5 1071-1074 Ag '61.

Indicator of a function subharmonic in multidimensional space V S. Azarin Dokl AN SSSR 139 no 5 1033-1036 Ag '61

Klein's spaces as Kayaguchi spaces M V Losik Dokl AN SSSR 139 no 6 1299-1301 Ag '61

Theory of hypersurfaces in four-dimensional non-Euclidean spaces R M Gadel'shan Dokl AN SSSR 139 no 5 1040-1043 Ag '61

Theory of the curvature of two-dimensional surfaces in a four-dimensional space A V Chakmazian Dokl AN Arm SSR 32 no 4 177-181 '61

HYPERSUSCEPTIBILITY see Anaphylaxis

HYPERTENSION
Allergic factor in neurotic hypertension in monkeys [with summary in English] M Kh Markov Arkh pat 23 no 10 31-38 '59
Muscle proteins in vascular walls and change in the amount in hypertension [with summary in English] V A Il'ichev Biul eksp biol i med 51 no 5 59-63 My '61
Primary pulmonary hypertension M V Kurashova, A I Shekhter, Klin med no 7 136-140 '61
So-called adenomas and adenomatous hyperplasias of the adrenal cortex in hypertension [with summary in English] M. P. Andreeva Arkh pat 21 no 9, 51-60 '59

HYPERVITAMINOSIS
Clinical picture and treatment of hypervitaminosis D in infants [with summary in English] I I Belobrotodova, A A Kudo Vop okh mat i det 6 no 7 48-51 Jl '61

HYPNOSIS—THERAPEUTIC USE
Hypnosuggestive method in traumatology A N. Kabanovskii Ortop, travm i protez no. 7 15-18 61

HYPNOTISM
Hypnotism. L.G. Pervov. Priroda 50 no. 9 121-125 S '61.

HYPOCHLORITES
Reactions between olefin oxides and calcium and sodium hypochlorites. Z. A Alizade Azerb khim zhur no. 4, 63-68 '60

HYPOTHALAMUS
Acetylcholine metabolism in the hypothalamic region of the brain in dogs after acute radiation sickness. B. I. Davydov. Radiobiologiia 1 no. 3, 391-398 '61.

HYSTERESIS
Editor's mail Fiz v shkole 21 no. 3, 100-102 My-Je '61
Temperature-dependent magnetic hysteresis and temperature hysteresis of magnetostriction in nickel and nickel-copper alloys. A. IA. Vlasov, I. V. Antonov Izv. Sib. otd. AN SSSR no 8 121-124 '61
Theory of the nonelasticity of crystals during vibration [with summary in English] N S Akulov, P. P Galenko Inzh -fiz zhur 4 no 1 98-104 Mr '61

IAR-KRAVCHENKO, ANATOLII NIKIFOROVICH, 1911-
Master of the sketch. N. Tomskii. Ogonek 39 no 26. 32 Je '61

IBN KHALDUN, 1332-1406
Ibn Khaldun's economic views. S M Batsieva Krat soob Inst nar Azii no 47 5-10 '61.

IBN MISKAWAYH, AHMAD IBN MUKAMMAD, d. 1030
The sixth volume of Ibn Miskawayh's universal history as a source for the study of social relations in the late years of the caliphate B. IA Shustet. Krat. soob. Inst nar Azii no 47 82-88 '61.

ICE
(see also subdivision under Bashkiria, Ukraine)
The problem of efficient distribution of glazed frost stands in the U S S. R. A. V Rudneva Trudy GGO no 122 68-74 '61

ICE—OPTICAL PROPERTIES see subdivision under Krasnoye, Lake

ICE AGE see also subdivision 'Glacial epoch' under Carpathian Mountain region

ICE-BREAKING VESSELS
Icebreaker and freighter "Amguema" S S. Vershinin Biul tekh -ekon inform no 8 75-77 '61.

ICE CREAM, ICES, ETC
Azov, G. M. [Frozen custard] Miagkoe morozhenoe. Moskva, Gos. izd-vo torg. lit-ry, 1961. 54 p.

ICE ON RIVERS, LAKES, ETC. see subdivision under Krasnoye, Lake

ICELAND SPAR see subdivision under Ugam Valley

ICELAND SPAR CRYSTALS see subdivision under Ugam Valley

ICHTHYOLOGY
Against descriptiveness in ichthyology. F. I. Baranov. Vop. filos. no. 6, 142-144 '57.

IDLAL STATES see Utopias

IDEALISM
Kovalgin, V. M. [How Marxist philosophy struggles against idealism and metaphysics] Marksistskaia filosofiia protiv idealizma i metafiziki. Minsk, Gos. izd-vo nauchno-tekhn. lit-ry, 1961. 131 p.

IDOLS AND IMAGES
Sumargin image in the early Russian art V. V. Povetkin Arkheologiia 12 79-91 '61

IGNEOUS ROCKS see Rocks, Igneous

IKILASOVA, KHALIMA SADYKOVNA
Worthy life. R Tamarina Koop Kazakh 4 no 4 6-8 Ap '61.

IKVA VALLEY—GEOMORPHOLOGY
Geomorphological structure of the Ikva River Valley I U I Ilnitskii Geog zhur no 1, 93-95 '61

ILLUM—RADIOGRAPHY
Clinical significance of roentgenological examination of Bauhin's valve M M Zhdanova Kazan. med. no 7 68-71 '61

ILYICH DISTRICT—SOIL PHYSICS
Porosity of light-colored cultivated Slerozems of the Pakhta-Aral State Farm L. P. Smolina Mat po pochv sil Uzb no 15, 62-71 '60

ILYSKIY DISTRICT—RETAIL TRADE
Lotts speed up the specialization of stores. B Mukhin Koop Kazakh 4 no. 5/6 16-17 My-Je '61

ILLEGITIMACY
Interests of the child are the main thing. Sem'ia i shkola 19 no. 8, 18-19 Ag '61.

ILLUSTRATION OF BOOKS
For high quality of book illustrations! I Serebriany. Iskusstvo 24 no. 7 9-17 '61.

ILMENITE
Reply to Professor S I Mitrofanov's letter "Specificity of selectivity of the flotation of ilmenite" M A. Lileev, A V Medvedeva Obog rud 5 no 1 51-55 '60
Speed and selectivity of the flotation of ilmenite S I Mitrofanov. Obog. rud 5 no 1, 52-53 '60.

IMAGE CONVERTERS
Use of the image translator (brightness intensifier) in light and fluorescence microscopy M M Butslov, M IA Korn, S N Muromtsev Dokl AN SSSR 138 no 5 1225-1226 Ag '61

IMAGINATION
Development of child's imagination in play. R I. Zhukovskaia Sov pedag 25 no 8 91-102 Ag '61

IMIDAZOLEDICARBOXYLIC ACID
Comparative data on the protective and therapeutic effect of the derivatives of diamides of imidazoledicarboxylic acids in radiation injury. S. IA. Arbuzov, A. M. Shuvalova, V. P. Korotkova. Radiobiologiia 1 no. 3, 385-393 '61.

IMMUNITY
One of the factors in natural body resistance. A A. Smirnskii, A M IAkovlev Voen -med zhur no 6 44-47 Je '61

IMMUNOLOGY
"Immunopathology in the clinic and in research and the problem of autoantibodies" [in German] by P. Miescher, K. Vorlaender. Reviewed by D. D. Al'pern Arkh pat 23 no. 9, 77-78 '59.

IMPACT
Comments on the theory of high-speed collisions of metallic bodies. N. A. Zlatin. Zhur. tekh fiz 31 no. 8, 982-990 Ag '61
Impact reciprocity of two restricted bodies N N Kil-dugorov Izv. vys ucheb. zav., strol i arkhit 4 no 4 50-61 '61
Longitudinal eccentric impact along a compressed column N K. Snitko. Issl po teor sooruzh. no. 10, 46-56 '61

INDEX NUMBERS (ECONOMICS)
Indexing the interrelated indices of partially incomparable series of items. L Kaznets Vest. stat. no 6 75 43 '61

INDIA—AGRICULTURE
Agriculture in India I Sokolov. Ekon. sel'khoz. 32 no. 8, 117-122 Ag '61.

INDIA—ARTISANS
The economic situation of craftsmen and merchants in southern India from the 14th to the 16th century, based on epigraphical data. A. L Chicherov. Krat soob Inst nar Azii no. 42, 19-36 '61.

INDIA—BIBLIOGRAPHY
"Bibliography of India; prerevolutionary and soviet literature in Russian and the languages of the peoples of the U. S. S. R., original and in translation." Reviewed by Kh S Nadel'. Nar Azii i Afr. no. 2, 182-191 '61

INDIA—COMMERCE

The economic situation of craftsmen and merchants in southern India from the 11th to the 16th century, based on epigraphical data A I Chicherov Krat soob Inst nar. Azii no 42 19-36 '61.

INDIA—COMMUNIST PARTY

The Indian Communist Party and the agrarian problem E. M Sh Nambudrapad Vop ist KPSS 5 no 5 91-103 '61

INDIA—DESCRIPTION AND TRAVEL

Abashidze, Irakliĭ [On the banks of the Ganges, Translated from the Georgian] Na beregakh Ganga, Tbilisi, Zaria Vostoka, 1959. 81 p. (MH)

INDIA—ECONOMIC ASSISTANCE, AMERICAN

"India and U S aid" [in English] by D I atiff Reviewed by M Aleksandrov Nar Azii i Afr no 2 201-202 '61

INDIA—HISTORICAL RESEARCH

Historical research of Assam historians IU V Gankovskii, A S Sukhochev Krat soob Inst nar Azii no 42 78-83 '61

INDIA—HISTORY—SOURCES

"The jewel of chronicles," a little-known source for the history of Afghanistan and northwestern India G A Veloshina Krat soob Inst nar. Azii no 42 3-18 '61

INDIA—LAND TENURE

The Indian Communist Party and the agrarian problem E M Sh Nambudrapad Vop ist KPSS 5 no 5 91-103 '61.

INDIA—METEOROLOGY

Records on weather and climate in ancient Indian literature. A Kh. Khigian. Iz ist nauki i tekh v stran. Vost. no.1 330-336 '60

INDIA—ORE DRESSING

Review of mineral dressing in India N Srinivasan. Obog rud 4 no 2 51-54 '59

INDIA—PETROLEUM INDUSTRY

When a country is independent. Ogonek 39 no.31-5 Ag '61.

INDIA—RELATIONS (GENERAL) WITH RUSSIA

From the history of Russian-Indian scientific relationships. M.I Radovskii. Iz ist nauki i tekh.v stran Vost. no.1 135-146 '60.

Indian scientists at the celebrations of the two-hundredth anniversary of the Academy of Sciences of the U S S.R. M.I Radovskii Iz ist nauki i tekh.v stran. Vost. no.1 147-154 '60

Soviet-Indian scientific relationships. S.G Korneev. Iz ist.nauki i tekh.v stran. Vost. no.1 155-172 '60.

INDIA—SEPOY REBELLION, 1857-1858

The uprising of 1857-1859 in India and reactions to it in the ruling circles of pre-revolutionary Russia. P M Shastitko. Krat soob Inst. nar. Azii no 42 54-61 '61.

INDIA—SEPOY REBELLION, 1857-1858—BIBLIOGRAPHY

Sources for and studies on the history of the Sepoy Army during the Sepoy Rebellion of 1857-1859 and subsequent military reforms. A. A. Gorbovskii Krat. soob. Inst nar Azii no. 42 37-53 '61.

INDIA—STOCK AND STOCKBREEDING

Commercial stockbreeding in the Punjab; a review of data relating to the period from 1870 to 1950 V G. Rastiannikov. Krat soob. Inst. nar Azii no 42:69-77 '61.

INDIA—WATER RESOURCES DEVELOPMENT

Water resources of India and their utilization. F.IA Nesteruk. Iz ist.nauki i tekh.v stran. Vost. no.1-173-314 '59

INDIAN OCEAN—NEMERTINEA

A new nemertean species and its systematic position [with summary in English]. V. S. Korotkevich Zool zhur. 40 no. 9-1416-1420 S '61.

INDIANS OF NORTH AMERICA

Averkieva, IU. P. [Decay of the tribal system and formation of early class relations in the community of Indians of the northwestern shore of North America] Razlozhenie rodovoi obshchiny i formirovanie ranneklassovykh otnoshenii v obshchestvo indeitsev severo-zapadnogo poberezh'ia Severnoi Ameriki. Moskva, Izd-vo Akad. nauk SSSR, 1961. 271 p. (Akademiia nauk SSSR. Institut etnografii. Trudy, vol. 70)

INDICATOR PLANTS

Groups of indicator plants on saline soils N.I Akzhigitova Izv Otd. sel'khoz i biol. nauk AN Tadzh SSR no.1 23-41 '59.

INDIUM ANTIMONIDE

Kinetics of dissolution of indium antimonide in hydrochloric solutions of iron chloride and iodine. R. L Miuller, G M. Orlova, TSui TSzin'-khua Zhur. ob. khim. 31 no. 8 2461-2465 Ag '61.

Kinetics of dissolution of indium antimonide in nitric acid R L Miuller, G M. Orlova, TSui TSzin'-khua. Zhur ob khim 31 no 8 2457-2461 Ag '61.

Production of homogeneous solid solutions in the system AlSb - InSb B V. Baranov, N A Gorunova Fiz tver tela 2 no 2 284-287 F '60.

Recombination luminescence of indium antimonide in avalanche discharges N G Basov, B D Osipov, A N Khvoshchev Zhur eksp i teor fiz 10 no 6 1802 Je '61

Spectral distribution of photosensitivity in p-type indium antimonide D. N Nasledov, M P Pronina, IU S Smetannikova Fiz. tver tela 2 no 2 239-241 F '60

INDIUM-ANTIMONY-GALLIUM ALLOYS—ELECTRIC PROPERTIES

Electrical properties of the equimolecular alloy InSb GaSb V I Ivanov-Omskii, B T Kolomiets Fiz tver tela 2 no 3 388-394 Mr '60

INDIUM CHLORIDE

Reaction between indium chloride and aluminum in a melt A P. Palkin, T A Manshakova, A S Vinokurova Zhur. neorg. khim 6 no 8 1971-1972 Ag '61

INDIUM OXIDE—OPTICAL PROPERTIES

Reflection of semiconducting films of indium oxide in the infrared part of the spectrum B. P Kazybanovskii Opt. i spektr 10 no 5 682-683 My '61

INDIUM SULFATE

Solubility (20°) in the system $In_2(SO_4)_3$-Cs_2SO_4 - H_2O E N. Deichman Zhur neorg khim 6 no 8 1831-1836 Ag '61

INDIUM TELLURIDE—ELECTRIC PROPERTIES

Effect of all-round pressure on the electric conductivity and thermo-emf of In_2Te_3 A. A. Averkin, V. M. Sergeeva, A I Shelykh Fiz tver tela 2 no 2 347-349 F '60

INDIUM-THALLIUM ALLOYS—ELECTRIC PROPERTIES

Electrolytic preparation of coatings of superconductive indium-thallium alloys. S. I. Skharenko, L I. Lavrov, Izv. vys. ucheb. zav., tsvet. met 4 no. 4-130-134 '61

INDONESIA—COMMUNIST PARTY

"Selected works" Vols 1 and 2 [in Indonesian] by D N. Aidit Reviewed by G I Kemel'bremner Nar Azii i Afr no 2-161-166 '61

INDONESIA—ECONOMIC CONDITIONS

Some features of the social and economic development of Indonesian outer provinces on the eve of their enslavement by imperialists, the late 19th and early 20th century IU A Sotnikov Krat. soob Inst. nar Azii 43 35-46 '60

INDONESIA—FOREIGN RELATIONS—RUSSIA

Great friend of the Soviet Union. Ogonek 39 no. 25-1 Je '61.

On June 5th Moscow welcomed President Sukarno, a dear friend from Indonesia. Ogonek 39 no. 24 4-5 Je '61.

INDONESIA—HISTORY

"The native policies of Sir Stamford Raffles in Java and Sumatra" [in English] by John Bastin Reviewed by F. I. Gnevusheva Nar Azii i Afr. no 2:202-204 '61

INDONESIAN LANGUAGE—DICTIONARIES—RUSSIAN

"Indonesian-Russian pocket dictionary" Reviewed by IU Sirk. Nar Azii i Afr. no 2-218-219 '61.

INDUCTION HEATING

Equipment for drying lumber with high-frequency currents (from "Wood and Wood Products," 65, no. 10, 1960) Der prom 10 no 6-34 Ag '61.

Hard facing of automobile engine valve tappets by means of high-frequency currents E. I Naimarok, G M Tel'nov Avtom. svar 11 no 9 74-78 S '61

Hardening slitting cutters with high-frequency current L P Toporikov, G. V. Kuritsyn. Sbor. rats. predl vnedr. v proizv. no 5:42 '60.

New system for cooling the magnetic circuit of an electric transformer used in induction heating V. G. Tikhomirov. Vest. elektroprom. 32 no 8:29-30 Ag '61.

INDUSTRIAL ACCIDENTS

Borisenko, I. V. [Safety engineering in motion-picture theaters and film supply points] Tekhnika bezopasnosti na kinoustanovkakh i fil'mobazakh. Izd. 3., ispr. i dop. Moskva, Gos. izd-vo "Iskusstvo," 1961. (Biblioteka kinomekhanika)

INDUSTRIAL BUILDINGS see subdivision under Armenia

INDUSTRIAL COSTS see Costs, Industrial

INDUSTRIAL DESIGN see Design, Industrial

INDUSTRIAL EFFICIENCY see Efficiency, Industrial

INDUSTRIAL HYGIENE

Erisman, I. M. [Industrial hygiene for workers in shops with high temperatures] Gigiena truda rabochikh goriachikh tsekhov. Moskva, Medgiz, 1961. 31 p. (Nauchno-populiarnaia meditsinskaia literatura) (DNLM)

Selinaeva, N. D. [Protection of the health of workers at enterprises] Okhrana zdorov'ia rabochikh na predpriiatii. [Moskva] Izd-vo VTsSPS Profizdat, 1961. 85 p.

INDUSTRIAL MANAGEMENT

(see also subdivision under Armenia, Rostov, Ukraine, Uzbekistan)

A book appealing to value time ("The value of time" by M Karapetsev Reviewed by L Smirnov) Sots trud 6 no 8 116-119 Ag '61

A city party committee and managerial personnel A Prazdnikov Part. zhizn' no 19 38-43 O '61.

Conference on the mobilization of internal economic potentials Fin SSSR 22 no 8 92-95 Ag '61

Economic analysis of technological standards in plants V I. Ganshtak, B I Maidanchik Vest mash. 41 no 8 78-81 Ag '61

Economists are uncovering hidden potentialities S Kozhukh Fin SSSR 22 no 8 55-56 Ag '61

Gal'tsov, A. D., and others, eds. [Reference book for establishing norms in the manufacture of machinery, in 4 volumes] Spravochnik normirovshchika-mashinostroitelia, v 4 tomakh. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry.

Vol. 2. [Establishing technical norms for operating machine tools] Tekhnicheskoe normirovanie stanochnykh rabot. Pod red. E. I. Struzhestrakha. 1961. 892 p.

Golov, A. P. [Planning organizational and technical measures at an enterprise] Planirovanie organizatsionno-tekhnicheskikh meropriiatii na predpriiatii. Pod red. M D. Gorshunova. Izd. 2., perer. i dop. Moskva, Gos. izd-vo planovo-ekon. lit-ry, 1961. 173 p.

Let's improve the methods of planning the administration of industrial enterprises V Markevich Kommunist 38 no 15:81-84 O '61

Possibilities for a more profitable operation of industrial enterprises A I Konstantinov Trudy SIMSKH no. 23, 51-61 '60.

The role of intrafactory cost accounting in the struggle for the economical use of materials and equipment [with summary in English] O A Eliseeva Vest LGU 16 no 17 25-35 '61.

Utilize internal economic potentials more fully and plan profit better D Molinkov. Fin SSSR 22 no 8 26-34 Ag '61

Zvonkov, V. F. [Advances in industrial relations during the period of the large-scale building of communism] Sovershenstvovanie proizvodstvennykh otnoshenii v period razvernutogo stroitel'stva kommunizma. Leningrad, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, Leningr. otd-nie, 1960. 57 p. (MH)

INDUSTRIAL ORGANIZATION see subdivision under Communist Countries

INDUSTRIAL PAINTING see Painting, Industrial

INDUSTRIAL RAILROADS see Railroads, Industrial

INDUSTRIAL RELATIONS

Follow-up on factory announcements. K. Cherevkov. Ogonek 39 no. 39, 25-27 S '61.

INDUSTRIAL RESEARCH see Research, Industrial

INDUSTRIAL SAFETY

Motion pictures on industrial safety. Bezop. truda v prom 5 no 8 38 Ag '61.

State seminar on safety engineering in the chemical and petroleum-refining industries. I. V. Shibanov Biul tekh.-ekon inform no 7:20-21 '61

INDUSTRIAL SAFETY—CONGRESSES

International conference on labor safety in coal mines. N. Boryshev. Sov. shakht. 10 no. 8:38 Ag '61.

INDUSTRIAL TOXICOLOGY

Sosnovik, I. IA. [First aid in acute poisoning from industrial toxins] Pervaia pomoshch' pri ostrykh otravleniiakh promyshlennymi iadami. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 40 p. (DNLM)

INDUSTRIAL TRUSTS see Trusts, Industrial

INDUSTRIAL VACUUM see Vacuum technology

INDUSTRIAL WASTES—ANALYSIS

Fluorescent analysis of flotation waste waters. I. T. Leonchenkova. Obog. rud 5 no. 1:24-25 '60.

INDUSTRY

Kommunisticheskaia partiia Sovetskogo Soiuza. Vysshaia partiinaia shkola. [Economic aspects of industry and construction under current conditions] Voprosy ekonomiki promyshlennosti i stroitel'stva v novykh usloviiakh Moskva, 1959. 2 v. (DBC)

INDUSTRY (Continued)

Kommunisticheskaia partiia Sovetskogo Soiuza. Vysshaia partiinaia shkola. [Socialist means of production] Sotsialisticheskii sposob proizvodstva. Moskva,
No. 1. [The transitional period from capitalism to socialism] Perekhodnyi period ot kapitalizma k sotsializmu. 1960. 122 p.
(DBC)

INDUSTRY—ABSTRACTS

[Economics of industry.] Ref. sbor. Ekon. prom. no 9 S '61.

INDUSTRY—BIBLIOGRAPHY see Bibliography—Industry

INEQUALITIES (MATHEMATICS)

One inequality in Fourier's integral theory. K. I. Rabenko. Izv. AN SSSR, Ser. mat. 25 no 4:531-542 Jl-Ag '61.

Some integral inequalities and their use in the theory of differential functions of several variables. V. P. Il'in. Mat. sbor. 54 no 3:331-380 Jl '61.

INFANTILE PARALYSIS see Poliomyelitis

INFANTS—CARE AND HYGIENE

Analyzers and physiological basis of sensory training. M. M. Kol'tsova. Doshk. vosp. 31 no 9:50-63 S '61.

INFARCTION

Role of thrombosis and embolism in the development of infarcts (statistical data based on autopsy material of the Sechenov First Moscow Medical Institute) [with summary in English]. N. A. Bykova, T. F. Zhebro, V. V. Serov. Arkh. pat. 21 no 9:29-35 '59.

INFLAMMATION

Role of the type of nervous system in reactions of the organism to damaging factors [with summary in English]. V. N. Burdina, E. F. Melikhova. Biul. eksp. biol. i med. 51 no 4:27-32 Ap '61.

INFLUENZA

Akademiia meditsinskikh nauk SSSR, Moscow. [Problems of influenza and acute respiratory diseases. Reports of institute proceedings] Problemy grippa i ostrykh respiratornykh zabolevanii. Tezisy dokladov nauchnoi sessii institutov. Moskva, Medgiz, 1959. 227 p.
(DNLM)

Diagnosis of influenza in a cadaver [with summary in English]. V. F. Figarevskii. Arkh. pat. 21 no 9:3-7 '59.

Morozkin, N. I., ed. [Influenza; collection of works] Gripp, sbornik nauchnykh rabot. Kiev, Gos. med. izd-vo USSR.
No. 3. 1959. 1 v.
(MnU)

INFORMATION THEORY

Analysis of noise control methods in measuring weak harmonic signals. L. IA. Mizfuk. Izv. Sib. otd. AN SSSR no. 7:23-35 '61.

Approximation of duplex communications by means of Markov chains. V. A. Breskin, A. E. Vil'ner, A. IU. Lev. Izv. vys. ucheb. zav., radiotekh. 3 no 6:636-643 N-D '60.

Communication with the algorithmic language Algol-60 [translated from the English]. J. W. Backus and others. Zhur. vych. mat. i mat. fiz. 1 no 2:308-342 Mr-Ap '61.

Concerning certain optimum devices for detecting a pulse signal with random duration in the presence of noise. N. K. Kul'man, R. L. Stratonovich. Radiotekh. i elektron. 6 no. 9:1442-1451 S '61.

Concerning certain problems of multichannel communications. V. A. Makhonin. Probl. pered. inform. no 10:3-23 '61.

Concerning the σ-structure of the distribution of omissions. T. G. Gachechiladze, G. N. TSertsvadze, G. B. Chikoidze. Trudy Inst. elek., avtom. i telem. AN Gruz. SSR 2:3-16 '61.

Construction of noniinary error-correcting codes and estimation of the number of signals contained in them. V. M. Ostianu. Probl. pered. inform. no 10:42-49 '61.

Distribution of digits with correct reception by the criteria of maximum mean probability of correct reception and maximum transmitted information. IU. N. Mel'nikov. Probl. pered. inform. no 10:24-34 '61.

Distribution of random voltages in the output of an incoherent storage device with an exponential weight function. IU. S. Lezin. Izv. vys. ucheb. zav., radiotekh. 3 no. 6:592-597 N-D '60.

Evaluation of the frequency of a narrow-band signal in the presence of white noise. V. I. Bunimovich, V. A. Morozov. Radiotekh. i elektron. 6 no. 9:1574-1577 S '61.

Functional possibilities and the synthesis of threshold elements. Dokl. AN SSSR 139 no. 5:1071-1074 Ag '61.

Geometry of Boolean functions and self-correcting codes from the viewpoint of the Erlangen program. G. N. Povarov. Probl. pered. inform. no. 10:35-41 '61.

Identification of objects in space. V. S. Fain. Probl. pered. inform. no. 10:49-56 '61.

Intended alterations in the language Algol-60. E. Z. Liubimskii. Zhur. vych. mat. i mat. fiz. 1 no. 2:361-364 Mr-Ap '61.

Mathematical problems concerning Shannon's theory on optimum coding of information. R. L. Dobrushin. Probl. pered. inform. no 10:63-107 '61.

Objective recognition of a limited collection of sounds and words. G. I. TSemel'. Probl. pered. inform. no 10:57-62 '61.

Optimum detection of a stationary random signal with stationary random background interference. K. B. Krukovskii-Sinevich. Izv. vys. ucheb. zav., radiotekh. 3 no 6:623-629 N-D '60.

Pinsker, M. S. [Information and the informational stability of random quantities and processes] Informatsiia i informatsionnaia ustoichivost' sluchainykh velichin i protsessov. Moskva, Izd-vo Akad. nauk SSSR, 1960. 201 p. (Problemy peredachi informatsii, no. 7)

Probability of false warnings and probability of correct detection. V. K. Turkin, V. N. Kiselev. Izv. vys. ucheb. zav., radiotekh. 3 no 6:657-661 N-D '60.

INFRARED RAYS

Absorption of infrared radiation by free charge carriers in silicon. V. S. Vavilov. Fiz. tver. tela 2 no 2:374-377 F '60.

Determining the depth of electron traps in ZnS phosphors by the flash occurring under the action of infrared light. I. A. Vinokurov, M. V. Fok. Opt. i spektr. 10 no 3:374-378 Mr '61.

Effect of foreign gases on the absorption of infrared radiation by water vapor. K. P. Vasilevskii. Opt. i spektr. 11 no 2:207-215 Ag '61.

Effect of infrared light on the luminescence of silver chloride. V. M. Belous, N. G. D'iachenko. Opt. i spektr. 10 no. 5:649-652 My '61.

Evidence of a hydrogen bond in the infrared spectra of crystalline lithium hydroxides. A. I. Stekhanov, F. A. Popova. Opt. i spektr. 11 no. 2:203-206 Ag '61.

Hydrogen bond in acid germanates. Part 1. Infrared spectrum of strontium dihydrogermanate. G. P. Stavitskaia, IA. I. Ryskin. Opt. i spektr. 10 no 3:343-347 Mr '61.

Infrared absorption spectra of synthetic aluminates of alkali and alkaline earth metals. V. A. Kolesova. Opt. i spektr. 10 no 3:414-416 Mr '61.

Infrared absorption spectrum of silver oxide. E. F. Gross, F. I. Kreingold. Opt. i spektr. 10 no 3:417-418 Mr '61.

Infrared electronic transition in the Er^{3+} ion. G. S. Krinchik, M. V. Chetkin. Opt. i spektr. 11 no 2:274-275 Ag '61.

"Infrared methods, principles, and applications" [in English] by G. K. T. Conn, D. G. Avery. Reviewed by V. A. Nikitin. Opt. i spektr. 11 no 2:293-294 Ag '61.

Infrared spectra of phthalocyanines. Part 1. Effect of the crystalline structure and of the central atom of a metal on a phthalocyanine molecule in the solid state. A. N. Sidorov, I. P. Kotlias. Opt. i spektr. 11 no 2:175-184 Ag '61.

Reflector-type radiators. V. Z. Gurevich. Vest. elektroprom. 32 no 9:63-65 S '61.

Spectral reflection coefficients for coatings of thermal receivers of radiation for wavelengths ranging from 10 to 200 mc. B. P. Kozyrev, M. A. Kropotkin. Opt. i spektr. 10 no 5:657-662 My '61.

Temperature effect on the infrared spectra of organosilicon compounds. Part 1. Crystalline hexaethyldisiloxane. O. V. Vakulenko, G. G. Kirei, M. P. Lisitsa. Opt. i spektr. 11 no 2:196-202 Ag '61.

Vibration spectra of aromatic compounds. Part 9. Theoretical calculation of the intensities in the infrared spectra of benzene and certain deuterated benzenes. M. A. Kovner, B. N. Shegirev. Opt. i spektr. 10 no 3:328-331 Mr '61.

INFRARED SPECTRUM see Spectrum, Infrared

INFRASONIC WAVES

Patents of nature. I. Akimushkin, IU. Kalinin. Nauka i zhizn' 28 no 8:88-93 Ag '61.

INFUSORIA

Systematics of Urceolariidae (Infusoria, Peritricha) [with summary in English]. G. A. Shtein. Zool. zhur. 40 no. 8:1137-1142 Ag '61.

INGULETS VALLEY (BLACK SEA LOWLAND)—ALLUVIUM

Alluvial sedimentation of the Ingulets River in the boundaries of the Black Sea Lowland. I. M. Roslyi. Geog. zbir. no. 4:71-82 '61.

INGULETS VALLEY (BLACK SEA LOWLAND)—GEOLOGY, STRATIGRAPHIC

Armored structural relief of the Pliocene desert in the Black Sea Depression. N. N. Karlov. Dokl. AN SSSR 139 no. 6:1428-1431 Ag '61.

INHALATION THERAPY

Inhalation of medicines. E. M. Kharshak, S. I. Moslovyi. Nauka i zhyttia 10 no 3:43-45 Mr '60.

INHIBITION

Effect of the strength, frequency, and duration of individual stimuli on the inhibition of spinal reflexes. T. K. Ioseliani. Soob. AN Gruz. SSR 26 no. 4:455-459 Ap '61.

Pessimum reaction of a single muscle fiber to indirect stimulation. N. M. Shamarina. Fiziol. zhur. 47 no 8:1048-1055 Ag '61.

Recent data on the physiological mechanism of disinhibition during the interaction of different types of internal inhibition. S. S. Barkhudarian. Izv. AN Azerb. SSR Ser. biol. i med. nauk no 5:125-132 '61.

INLAND NAVIGATION

Pavlenko, G. E., V. A. Stepanov, and O. G. Dudchenko. [Determining ship elements for propulsion on canals at supercritical speeds] Opredelenie elementov sudov dlia dvizheniia na kanalakh so sverkhkriticheskimi skorostiami. Kiev, Izd-vo Akad. nauk USSR, 1961. 26 p.

INLAND WATER TRANSPORTATION see subdivision under Moscow Valley

INLAND WATER TRANSPORTATION—BIBLIOGRAPHY see Bibliography—Inland water transportation

INLAND WATER TRANSPORTATION—EMPLOYEES

Supplementing criteria for procedures in assigning river fleet enterprises and organizations as well as river fleet vessels to managerial, engineers technicians and command personnel wage groups. Biul. Gos. kom. po vop. truda i zar. platy no. 6:8 '61.

INOCULATION see Vaccination

INSCRIPTIONS

Epigraphical notes. V. B. Girshberg. Sov. arkheol. 5 no 3:298-303 '61.

Inscriptions on tombstones from the 14th to the 17th century in Moscow and its environs. V. B. Girshberg. Num. i epig. no. 1:3-77 '60.

INSCRIPTIONS, GREEK see subdivision under Kerch region

INSECTICIDES—TOXICOLOGY

First International Conference on the Toxicology of Fungicides and Insecticides. P. Rudkevich. Vest. sel'khoz. nauki 6 no. 8:152-154 Ag '61.

INSECTIVOROUS PLANTS

Plants of prey. Znan. ta pratsia no. 10:28 O '61.

INSECTS—DEVELOPMENT

Characteristics of postembryonic development in four-legged gall mites (Acariformes, Eriophyidae) and some notes on the systematics of Eriophyes laevis (Nal., 1889) [with summary in English]. V. G. Shevchenko. Zool. zhur. 40 no. 8:1143-1158 Ag '61.

Danilevskii, A. S. [Photoperiodism and seasonal development of insects] Fotoperiodizm i sezonnoe razvitie nasekomykh. [Leningrad] Izd-vo Leningr. univ., 1961. 242 p.

"Larvae of Hydrachnellae, their parasitic development and systematics" [in German] by Ingrid Sparing. Reviewed by I. I. Sokolov. Zool. zhur. 40 no. 8:1263-1264 Ag '61.

INSECTS—FOOD

Feeding habits of mantids (Mantoidea) in Tajikistan. I. I. Lindt. Izv. Otd. sel'khoz. i biol. nauk AN Tadzh. SSR no 1:87-99 '60.

INSECTS, FOSSIL—CONGRESSES

Eleventh International Entomological Congress. O. M. Martynova. Paleont. zhur. no. 1:174-175 '61.

INSECTS, INJURIOUS AND BENEFICIAL

Influence of forest belts and the nature of land utilization in fields on the insect fauna of interbelt areas [with summary in English]. N. M. Pshenichnikova. Zool. zhur. 40 no. 9:1384-1377 S '61.

INSECTS, INJURIOUS AND BENEFICIAL—BIOLOGICAL CONTROL

Excursions for the study of injurious insects and ways to exterminate them. E. V. Molev. Shkola i proizv. 5 no. 6:73-75 Je '61.

INSTRUMENT FLYING—STUDY AND TEACHING

Change the method of teaching instrument flying. R. D. Volodarskii. Vest. Vozd. Fl. no. 8:90 Ag '61.

Flights in a closed cabin. D. A. Krivov. Vest. protivovozd. obor. no. 6:40 Je '61.

INSTRUMENT MANUFACTURE

Smirnov, A. S. [Engineering efficiency of parts used in the manufacture of instruments] Tekhnologichnost' detalei v priborostroenii. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 254 p.

INSTRUMENTS see subdivision under Great Britain

INSTRUMENTS—BIBLIOGRAPHY see Bibliography—Instruments

INSTRUMENTS, ELECTRIC see Electric instruments

INSTRUMENTS, MAGNETIC see Magnetic instruments

INSTRUMENTS, MEASURING see Measuring instruments

INSTRUMENTS, NAUTICAL see Nautical instruments

INSULATING OILS
Causes of a decrease in the ignition temperature of transformer insulating oil M. V. Khomiakov Energetik 9 no 4:34 Ap '61

INSULATION (HEAT)
Heat conductance of a shot filling in different gaseous mediums IU. P. Shlykov, V. S. Udalov Teploenergetika 8 no 4:73-76 Ap '61

Insulating thin-walled panels B. Gorskii, A. Volk, L. Gudim Stroi. i arkhit. 9 no. 8:21-25 Ag '61

Mixture of bitumen and paraffin. Sel'. stroi. 16 no. 7 30 Jl '61

Theory of the two point method for regular thermal conditions of a three-component sphere and plate A. Kh. Abas-zade, A. A. Gylmanov Dokl. AN Azerb. SSR 17 no. 6:451-456 '61

INSULIN
Change in the sensitivity of dogs to insulin following removal of the cerebral cortex. V. S. Kulikova Probl. endok. i gorm. 7 no. 1:42-46 '61

Dynamics of protein and lipoprotein fractions in the blood serum in patients with diabetes mellitus during insulin therapy P. A. Sil'nitskii Probl. endok. i gorm. 7 no. 4:101-105 '61.

Effect of somatotropic hormone and cortisone on insulinase activity of the liver in young and sexually mature rats [with summary in English] N. P. Smirnov Biul. eksp. biol. i med. 51 no. 5 11-13 My '61

INSURANCE, AGRICULTURAL see subdivision under Ukraine

INTEGRAL CALCULUS see Calculus, Integral

INTEGRAL EQUATIONS
Numerical solution to a first order integral equation describing the current density in a cylindrical antenna. N. N. Govorun. Zhur. vych. mat. i mat. fiz. 1 no. 4:664-670 Jl-Ag '61

Quantum kinetic equation in the presence of mutual entrainment of electrons and phonons [with summary in English] L. E. Gurevich, G. M. Nedlin Zhur. eksp. i teor. fiz. 40 no. 3,809-818 Mr '61

Solving a certain singular integral equation in an infinite interval S. P. Pul'kin Uch. zap. Kuib. gos. ped. inst. no. 29,41-44 '59

INTEGRALS
Calculation of integrals in the method of equivalent orbits and estimation of the parameters of valence bands in semiconductors of the type $A^{III}B^{V}$ A. A. Nikaidian Fiz. tver. tela 2 no. 3 474-481 Mr '60

Contour series and their application in methods of integration I. V. Petukhov. Zhur. vych. mat. i mat. fiz. 1 no. 2 186-207 Mr-Ap '61

Integral representation of the solution to the Cauchy-Gursa problem S. P. Pul'kin. Uch. zap. Kuib. gos. ped. inst. no. 29 25-40 '59.

Methods of summation of integrals (series) equivalent to Riesz's method G. V. Badalian Izv. AN Arm. SSR, Ser. fiz.-mat. nauk 14 no. 3:3-16 '61

INTEGRALS, DEFINITE
One method of operational calculus of definite intergrals. N. A. Meller Zhur. vych. mat. i mat. fiz. 1 no. 4:590-605 Jl-Ag '61.

INTEGRATORS
Solution of some problems of nonstationary seepage with the aid of the EDGA integrator V. T. Chernoval. Ukr. mat. zhur. 13 no. 2:235-230 '61.

INTEGRODIFFERENTIAL EQUATIONS
Integrodifferential equations associated with solutions of stochastic equations [with summary in English]. A. V. Skorokhod. Dop. AN URSR no. 7 864-868 '61.

One numerical method of the solution of the reactor kinetics equation M. V. Maslennikov Zhur. vych. mat. i mat. fiz. 1 no. 3 470-480 My-Je '61

Some analysis of Maxwell-Boltzmann's kinetic equation, and the possible formulation of the problem, taking rebounds from the boundaries into account [with summary in English]. M. R. Korotkina Vest. Mosk. un. Ser. 1: Mat., mekh. 16 no. 4:58-70 Jl-Ag '61

INTELLIGENCE SERVICE see subdivision under United States

INTERCHANGEABLE MECHANISMS
Securing the interchangeability of basic parts and units of piston compressors V. G. Kalitenko. Vzaim. i tekh. izm. v mashinostr., mezhvuz. sbor. no. 3 26-65 '61

Strnikov, O. S. [Multipurpose attachments with interchangeable parts used in piece and small-lot manufacture of machinery] Universal'no-sbornye prisposobleniia v edinichnom i melkoseriinom mashinostroenii. Minsk, Gos. izd-vo BSSR Red. nauchno-tekhn. it-ry, 1961, 91 p.

INTERCONNECTED ELECTRIC UTILITY SYSTEMS
Questions of the effectiveness of a hydroelectric power station in complex power systems. A. -Kh. M. Tamadaev. Gidr. stroi. 31 no. 8:57-59 Ag '61.

INTERFERENCE (LIGHT)
Determining the order of interference in the region of strong dispersion and elimination of the phase shift effect in the interference method of measuring dispersion M. T. Kostyshyn Visnyk Kyiv. un. no. 2 Ser. fiz. ta Khim. no. 1 11-15 '59

INTERFEROMETRY
Application of Rozhdestvenskii's interferometric method for the study of gas dynamic processes in discharge tubes IU. A. Dunaev, G. K. Tumakaev, A. M. Shukhtin Zhur. tekh. fiz. 31 no. 9 1119-1126 S '61

Atomic beam as a light source for the study of gas spectra V. I. Odintsov Opt. i spektr. 10 no. 3 403-409 Mr '61

Autocollimation setup for the photoelectric recording of hyperfine structure A. G. Zhiglinskii, A. N. Zaidel', G. G. Kund. Opt. i spektr. 10 no. 6,792-796 Je '61

Determining the nuclear magnetic moment of Na^{24} from the hyperfine structure of the D_1 and D_2 absorption lines lines. V. Draganescu Opt. i spektr. 10 no. 3:301-307 Mr '61

Determining the nuclear magnetic moment of the isotope Hg^{199} from the hyperfine structure of the Hgl 5461 Å line I. I. Agrbiceanu and others Opt. i spektr. 10 no. 3,297-300 Mr '61

Possibility of using the ITR-2 laboratory interferometer to determine the salinity of sea water. K. D. Sabinin, A. D. Gamutilov. Trudy Inst. okean. 40:175-183 '60

INTERIOR DECORATION
Interior of a modern apartment. A. Chekalov. Iskusstvo 24 no. 7:18-26 '61.

Krasnov, N. P. [Finishing of rooms during repair] Otdelka komnat pri remonte; risunki dlia izgotovleniia trafaretov. Izd. 2., ispr. i dop. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 198 p.

Zakharzhevskaia, R. V. [Decorative fabrics for interior decoration] Dekorativnye tkani v kvartire. Leningrad, Khudozhnik RSFSR, 1960. 30 p. (Iskusstvo i byt)

INTERMETALLIC COMPOUNDS
Structures of ThAl, PuNi, ThCo, and CaAg and their relation to the types CrB(TaS) and TlJ (yellow modification). P. I. Kripiakevich. Kristallografiia 6 no. 4, 626-629 Jl-Ag '61.

X-ray study of intermetallic compounds in the system Cu - Zn. Izv. AN SSSR Ser. fiz. 25 no. 8 997-998 Ag '61

INTERNAL CONVERSION (NUCLEAR PHYSICS)
Conversion electrons from erbium fractions. A. A. Abdurazakov and others. Izv. AN SSSR. Ser. fiz. 25 no. 9:1096-1100 S '61.

Conversion electrons from Tu^{165}. Gan Men-khua [Kang Meng-hua] and others. Izv. AN SSSR. Ser. fiz. 25 no. 9:1092-1095 S '61.

Internal conversion coefficients of certain nuclear transitions in Yb^{171}. N. M. Antonieva, B. S. Dzhelepov. Izv. AN SSSR. Ser. fiz. 25 no. 9:1088-1091 S '61.

Magnetic spectrometer for recording internal conversion electrons emitted in the reaction (n, γ). V. I. Pelekhov, A. F. Malov. Izv. AN SSSR. Ser. fiz. 25 no. 9:1080-1083 S '61.

Study of β^+-spectra and conversion electron spectra in Tb^{152}. K. IA. Gromov and others. Izv. AN SSSR. Ser. fiz. 25 no. 9:1084-1087 S '61.

Study of conversion electron spectra of neutron-deficient erbium and holmium isotopes. K. IA. Gromov, I. S. Dneprovskii. Izv. AN SSSR. Ser. fiz. 25 no. 9: 1105-1111 S '61.

INTERNAL FIXATION IN FRACTURES
Regeneration of the articular cartilage following transarticular osteosynthesis with metal wire. A. Bater, I. Vondrak. Ortop., travm. i protez. no. 7, 32-35 '61

Use of metallic osteosynthesis in multiple (associated) fractures of the bones of the upper extremities. A. N. Berkutov, S. I. Il'enkov. Ortop., travm. i protez. no. 7: 10-14 '61.

INTERNAL MEDICINE see Medicine, Internal

INTERNAL REVENUE see subdivision under Kishinev

THE INTERNATIONAL
Moscow. Institut marksizma-leninizma. [The General Council of the First International, 1864-1866; proceedings of its London Conference in 1865] Generalnyi Sovet Pervogo Internatsionala, 1864-1866. Londonskaia konferentsiia 1865 goda; protokoly. Moskva, Gos. izd-vo polit. lit-ry, 1961. 304 p. (Dokumenty Pervogo Internatsionala)

INTERNATIONAL ATOMIC ENERGY AGENCY
Who is interfering? V. Emel'ianov. Nov. vrem. 10 no. 36:18-20 S '61.

INTERNATIONAL COMPETITION see Competition, International

INTERNATIONAL COOPERATION see subdivision under Scandinavia

INTERNATIONAL LAW
Statement of the Conference of the Representatives of Communist and Workers' Parties and the tasks of students of international law L. A. Koravin Vest. Mosk. un. Ser. 10 Pravo 16 no. 3:63-72 Jl-S '61

INTERNATIONAL PAYMENTS, BALANCE OF see Balance of payments

INTERNATIONAL RAILROAD LAW see Railroad law, International

INTERNATIONAL RELATIONS—BIBLIOGRAPHY see Bibliography—International relations

INTERNATIONALISM
Rapokhin, A. A. [The young generation of internationalists] Molodoe pokolenie internatsionalistov. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 175 p.

INTERPLANETARY VOYAGES
Main strides into space. A. Dmitriev Ogonek 39 no. 35 2-3 Ag '61.

INTERPOLATION
Conditions of the convergence of interpolation sequences corresponding to normal sequences of basic points. Proof of the Erdos-Turán assumption. T. Fiev. Mat. sbor. 54 no. 2 137-176 Je '61

INTERSTELLAR MATTER
On the roads into the universe. V. Parfenov. Ogonek 39 no. 33 10 Ag '61.

INTESTINAL AND PARASITIC WORMS see Worms, Intestinal and parasitic

INTESTINES
Change in the wall of the small intestine of a dog following X irradiation [in Georgian with summary in Russian] A. N. Natishvili, V. S. Abashidze Trudy Inst. eksp. morf. AN Gruz. SSR 6 119-126 '60.

Enzyme-secretory function of the intestine after removal of the adrenals and the administration of steroid hormones in dogs [with summary in English] Chzhou Lun [Chou Lü] Biul. eksp. biol. i med. 51 no. 5 53-58 My '61.

Physiological regeneration in the mucous membrane of the small intestine of hypophysectomized rats [with summary in English] S. S. Raitsina Biul. eksp. biol. i med. 51 no. 4 110-114 Ap '61

Vascular and motor-secretary reactions of the small intestine to different stimuli under normal conditions and in experimental neurosis. V. A. Pastukhov Fiziol. zhur. 47 no. 8:997-1003 Ag '61

INTESTINES—DISEASES
Improve preventive measures for control of intestinal infections in the armed forces Voen.-med. zhur. no. 5 12-15 My '61

Nazirov, M. R., and T. A. Melikova [Colitis and accompanying cholecystitis and hepatocholecystitis] Kolity i soputstvuiushchie im kholetsistity i gepatokholetsistity. Baku, Azerbaidzhanskoe gos. izd-vo, 1961. 62 p.
(DNLM)

INTESTINES—INTUSSUSCEPTION
Fel'dman, Kh. I. [Invagination of the intestines in childhood] Invaginatsiia kishok v detskom vozraste. Moskva, Medgiz, 1960. 166 p. (Biblioteka prakticheskogo vracha)
(DNLM)

INTESTINES—OBSTRUCTIONS
Thromboembolic syndrome in cancer of the stomach. S. A. Malkhasian. Klin. med. no. 7 120-130 '61.

INTRATRACHEAL ANESTHESIA
New model of a spatula for a laryngoscope used in anesthesiological practice. A. Ia. Pashchuk. Ortop., travm. i protez. no. 7:68-69 '61

INTUITION
Theory of intuitive knowledge in the history of modern philosophy. V. F. Asmus. Vop. filos. no. 6,60-71 '57.

INULIN
Colorimetric determination of inulin V. N. Khrustaleva, V. V. Kozlov Izv. vys. ucheb. zav.; pishch. tekh. no. 4, 152-156 '61.

INVARIANTS
Accuracy of the adiabatic invariant of a particle in a high density plasma [with summary in English]. A. M. Dykhne. Zhur. eksp. i teor. fiz. 40 no. 3:863-865 Mr '61.

Local invariance and the compensation field theory. V. B. Adamskii. Usp. fiz. nauk 74 no. 4:609-626 Ag '61.

INVARIANTS, DIFFERENTIAL see Differential invariants

INVENTIONS
If you wish to invent something... G. Altshuller. Znan. sila 36 no. 8:33-35 Ag '61.

INVERTASE

Inactive form of adaptive enzymes and its relation with the energy metabolism of cells V V Iurkevich, A G Zhdanovich Dokl AN SSSR 139 no 5 1239-1241 Ag '61

INVERTEBRATES

Fasulati, K. K. [Field study of terrestrial invertebrates] Polevoe izuchenie nazemnykh bezpozvonochnykh Moskva, Gos. Izd-vo "Vysshaia shkola," 1961. 303 p.

INVERTEBRATES—CONGRESSES

Session of the Geological Society of France devoted to the ontogeny of invertebrates D. M Rauzer-Chernousova Paleont zhur. no 1 166-169 '61

INVESTMENTS—MATHEMATICS

How to determine the economic effectiveness of capital investments in the construction of railroads S M Khodzhaev Obshchestv nauki v Uz no 6 25-27 '61

INVESTMENTS, AMERICAN

(see also subdivision under Latin America)

Andreev, G. [Expansion of the dollar] Ekspansiia dollara. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961 479 p.

IODINE

Dynamics of the desorption of iodine from silica gel M V Tovbin, V P Musienko Visnyk Kyiv un no 2 Ser fiz ta khim no 1 87-93 '59

IODINE—ANALYSIS

Photocolorimetry of iodine in Lead Industry dusts and their products E D. Glotko and others Trudy Alt GMNII AN Kazakh SSR 11 162-163 '61

IODINE—ISOTOPES

Thyroid gland function in patients with thyrotoxicosis following treatment with radioactive iodine (as revealed by radioactive tracers) L. I. Popova. Probl endok. i gorm. 7 no. 4, 69-73 '61.

IODOMETRY

Iodometric determination of lithium [in Azerbaijani with summary in Russian] I L Bagbanly, I K. Guseinov Azerb. khim zhur no 5 77-86 '60

IOFFE, ABRAM FEDOROVICH, 1880-1960

A. F. Ioffe, winner of the Lenin prize of 1961 R G Gevorkian Fiz. v shkole 21 no 3 8-10 My-Je '61

Memorable meetings. D. Danin. Nauka i zhizn' 28 no 8 30-33 Ag '61.

These experiments were set by A F. Ioffe V Rydnik. Nauka i zhizn' 28 no 8 34-37 Ag '61

IOFFEA see subdivision under Zaysan region

ION BEAMS

Interaction between an ion beam and a magnetoactive plasma N I. TSintsadze, D G Lominadze Zhur tekh fiz. 31 no 9 1039-1048 S '61

Mechanism of the oscillations of a volume charge in quasi-compensated ion beams M. V Nezlin Zhur tekh fiz. 30 no 2 168-177 F '60.

Pulverization of metals by fast deuterium ions. V D Tishchenko Ukr fiz zhur 6 no 3 317-318 My-Je '61.

ION EXCHANGE

Comparative evaluation of the physicochemical properties of Soviet and foreign ion exchange membranes. B. N. Laskorin, N. M. Smirnova. Zhur. prikl. khim. 34 no. 8 1700-1709 Ag '61

Electrode properties of ion exchange membranes E A. Materova, F. A. Belinskaia Usp. khim 30 no 7 914-931 Jl '61

Ionic exchange of complex compounds in mixed media S IU. Elovich, L G Tonkonog Zhur neorg khim 6 no 8 1795-1800 Ag '61

New types of ionites. N.G. Polinskii. Priroda 50 no. 9 95 S '61.

Some problems involved in cation exchange catalysis Kh. R Rustamov, L G Fatkulina, K A Agzamov Uzb khim zhur no. 4, 32-35 '61

ION EXCHANGE RESINS

Certain problems in the theory of ion exchange. Part 2. Nonexchange absorption of electrolytes by ion exchangers [with summary in English] B P Nikol'skii, N. F. Bogatova Vest LGU 16 no. 16, 97-107 '61

Decomposition of cumene hydroperoxide catalyzed by cation exchange resin KU-2 G A Razuvaev, V. A. Shushunov, V. A. IAblokov Dokl AN SSSR 139 no 5 1128-1131 Ag '61

Determining copper in wines and cognacs with the help of ion-exchange resins. IU E Fal'kovich Izv. vys. ucheb zav. , pishch. tekh. no 3, 144-147 '60

Effect of moisture on the radiochemical stability of the cation exchanger KU-2. I. A. Kuzin, A. M. Semushin Zhur. prikl khim 34 no. 8 1710-1714 Ag '61.

Effect of the ionized radiation of an accelerated electron current on the cation exchange resin KU-2 Part 2. Irradiation of KU-2 in aqueous solutions of acids and in a bidistillate [with summary in English] E. D. Kisilev, K. V. Chmutov, V. N. Krupnova. Zhur. fiz khim. 35 no. 8 1822-1827 Ag '61.

Effect of the ionizing radiation of an accelerated electron current on the cation exchanger Ku-2 Part 1 [with summary in English] I. D. Kiseleva, K. V. Chmutov, V. N. Krupnova Zhur fiz khim 35 no 8 1816-1821 Ag '61.

Oxidation-reduction processes and silver concentration on electron-exchange polymers V B Davankov, T A Aptova, Z. M. Giterman Zhur prikl khim 34 no. 8 1852-1857 Ag '61

ION SOURCES

Pulse method study of the charge exchange of Ar^+, Kr^+, Xe^+ thermal ions on CH_4, C_2H_6, C_3H_8 molecules G V Karachevtsev, M I Markin, V. L Tal'roze Izv AN SSSR Otd khim nauk no 8 1528 Ag '61

Role of recurrent processes in the generation of protons in ion sources M D Gabovich Zhur tekh fi 30 no 3 351-358 Mr '60

IONIC CRYSTALS

Generation of dislocations in the spreading and fusion of cracks in ionic crystals. M. P. Shaskol'skaia, Van IAn'yen' [Wang Yen-wên] and Gu Shu-chiao [Ku Shu-chiao] Kristallografiia 6 no. 4 605-613 Jl-Ag '61.

IONIC CRYSTALS—DEFECTS

Consideration of the polaron effect in the theory of multiphonon thermal ionization IU E Perlin Fiz tver tela 2 no 2 242-254 F '60

IONIZATION

Determination of the first ionization potentials of atoms by the surface ionization method [with summary in English], N. I. Ionov, M. A. Mitsev Zhur eksp i teor fiz, 40 no 3 741-742 Mr '61

Effect of an electric field on the temperature threshold of the appearance of positive ions in the surface ionization of atoms E IA Zandberg Zhur tekh fiz 30 no 2 206-215 F '60

Impact ionization and detonation in magnetohydrodynamics. V P Demutskii, R V Polovin Zhur tekh fiz, 31 no. 4 419-427 Ap '61

Surface ionization of cesium in the diffusion of its vapors through porous molybdenum S IA Lebedev, IU IA Stavisskii, IU V Shut'ko Zhur tekh fi , 31 no 9 1118-1119 S '61

IONIZATION CHAMBERS

Investigating the possibility of measuring the temperature of wire during the drawing process by means of radioactive rays I G Grinman, E. K. Dzhasibekova. Trudy Inst nad fiz AN Kazakh. SSR 1 no 126 131 '61

Method for measuring the photoproduction cross section of π^+-mesons on hydrogen near the threshold M I. Adamovich and others. Zhur eksp i teor fiz 40 no. 3 971-976 Mr '61.

Studying large ionization bursts caused by cosmic-ray particles at sea level [with summary in English] S IA Babetskii and others Zhur eksp i teor fiz 40 no 6, 1551-1561 Je '61

Using the ionization chamber as a standard unit for measuring the activity of beta-emitting substances. K K Aglintsev. Izm. tekh. no 9 39-42 S '61.

IONIZATION OF GASES

Ionization of neon, argon, helium and hydrogen in a pulse discharge. IU D. Pigarov, P M. Morozov Zhur tekh fiz 31 no. 4 476-485 Ap '61

Ionization of nitrogen and oxygen in a pulse discharge IU D. Pigarov, P. M Morozov Zhur. tekh. fiz. 31 no 4 467-475 Ap '61.

IONIZED AIR see Air, Ionized

IONOSPHERE

Absorption of cosmic radio emission in the ionosphere [with summary in English] F. A. Benediktov, N A Mitiakov. Izv. vys. ucheb. zav., radiofiz. 4 no 1 41-48 '61.

Characteristics of the ionosphere over Ashkhabad in January 1960. M D Bogdanova, N. M Grofeev, Z N Klimova. Izv. AN Turk. SSR, Ser fiz.-tekh., khim i geol. nauk no 1 74-76 '61.

Determining the radius of curvature of a rippled ionosphere. M. Shirmamedov. Izv AN Turk SSR Ser. fiz.-tekh., khim i geol nauk no. 1 13-18 '61.

Motion of an ionized gas in the upper atmosphere, a survey V. P Dokuchaev. Izv. vys ucheb. zav , radiofiz. 4 no. 1 5-39 '61.

IONOSPHERIC RADIO WAVE PROPAGATION

Method for investigating radio waves in the troposphere at wide angles. V. A. Zinichev, IU. A Ryzhov, O. I. IUdin. Izv. vys ucheb. zav., radiofiz. 4 no. 1 177-178 '61.

IONS

Calculating the probability of autoionization in He^- and Be^+ ions R Kh. Propin Opt i spektr 10 no 3 308-311 Mr '61

Calculation of nonrelativistic S-states of two-electron atoms and ions [with summary in English] A. M. Ermolaev. Vest. LGU 16 no 16, 19-33 '61.

Characteristics of the behavior of multicharged ions in a plasma [with summary in English] A V Gurevich. Zhur eksp i teor fi 40 no 6, 1895-1831 Je '61

Principle of additivity and the series of cationic effect F IA Kul'ba, V E Mironov, I B Khvostova Zhur neorg khim 6 no 8 1864-1864 Ag '61

Statistical theory of systems of interacting ions and dipole particles [with summary in English] I R Il'inovskii Ukr fiz zhur. 6 no 3 333-339 My-Je '61

IONS—MIGRATION AND VELOCITY

Application of the electric transfer method in the study of the electronic structure of metals and alloys M D Smolin, I N Frantsevich Fiz tver tela 3 no 7, 2115 2121 Jl '61

Measurement of the transfer numbers of H^+ ions in hydrochloric acid solutions by a concurrent observation of the motion of ions and of the solution [with summary in English] P. A. Kalmakov, V B Pika Zhur fiz khim, 35 no 8 1777-1781 Ag '61

Transfer numbers of K^+, OH^-, and Cl^- ions in concentrated solutions of KOH P. I Merenkov Uzb khim zhur no 4 50-57 '61

IRAN—AGRICULTURE

The development of commercial agriculture in Iran in the late 19th and early 20th century. Sh A Tagieva Izv AN Azerb SSR Ser obshchestv nauk no 5 93-99 '61

IRAN—CITIES AND TOWNS, RUINED, EXTINCT, ETC.

The location of medieval fortresses Bazz and Shahi Z. M Bunyatov Krat soob Inst nar Azii no 17 89-93 '61

IRAN—COAL MINES AND MINING

Present-day status of Iranian coal mining. N M Agaev Izv AN Azerb SSR Ser obshch. nauk no 4, 109-121 '61

IRAN—TAXATION

Economic results of taxes levied on Azerbaijan by Sultan Husayn and Nadir Shah Sh S Guseinov Izv AN Azerb SSR Ser obshchestv nauk no 4 11-23 '61

IRANIAN MANUSCRIPTS see Manuscripts, Iranian

IRBITSK DISTRICT—EDUCATION, PRESCHOOL

They need our help. A G Volozhanina Doshk. vosp. 24 no 9 71-76 S '61.

IRELAND—COLONIZATION

"The English colonization of Ireland in the 16th and the early 17th centuries" by IU M. Sapiykin. Reviewed by T. S Osipova, A S Samoilo Sred veka no 20 247-253 '61

IRKUTSK—AERONAUTICS—STUDY AND TEACHING

Care and support for students taking correspondence courses V Gorelkin Grazhd av. 18 no 7 11 Jl '61

IRKUTSK—LABOR AND LABORING CLASSES

Heroes of the Irkutsk book. O. Mikhailov. Ogonek 39 no. 34 13-15 Ag '61

IRKUTSK—THEATER

On our theater O Volin Teatr 22 no 9 148-149 S '61

IRKUTSK PROVINCE—OIL SANDS—PERMEABILITY

Fractured reservoirs of the lower Cambrian in the Irkutsk amphitheater V N Kalacheva Trudy VNIGRI no 165, 129-170 '61

IRKUTSK PROVINCE—PRECAST CONCRETE

Development of precast reinforced concrete production in Irkutsk Province. V. G. Korochkin, F. A. Mednikova Bet. i zhel.-bet no. 8, 374-375 Ag '61

IRMINO—COAL PREPARATION

Introducing the frothing agent at the Irmino Central Coal Preparation Plant. V. I. Klassen, N. S. Vinsova Biul tekh.-ekon. inform. no. 7, 19-20 '61.

IRON

Diffusion of iron in titanium dioxide [with summary in English] V. I. Izvekov, N S Gorbunov, A. A Bashkirtsapin. Inzh.-fiz zhur 4 no. 3 119-122 Mr '61

IRON—ANALYSIS

Viscosity of molten iron with additions of oxygen and carbon Ven' Li-shi [Wên Li-shih] Izv vys ucheb zav , chern met 4 no 7 5-11 '61.

IRON—HYDROGEN CONTENT

Effect of rare earth elements on hydrogen solubility in liquid iron. A. M. IAkushev, V. I. IAvoiskii, IU. V. Kriakovskii. Izv. vys. ucheb. zav , chern met. 4 no 7 44-54 '61

IRON—METALLURGY see subdivision under Hungary

IRON—SPECTRA

Effect of small admixtures of tungsten on the temperature dependence of the fine structure of the absorption K-spectrum of Fe. I. B. Borovskii, V. V. Shmidt. Izv. AN SSSR Ser fiz 25 no 8 983-985 Ag '61.

IRON – SPECTRA (Continued)
Form of the K$_{\beta_5}$ emission band of iron Part 1 I IA Nikiforov Izv AN SSSR Ser fiz 25 no 8 1014-1017 Ag '61

IRON ALLOYS
"Order - confusion" transition in the alloys of iron with cobalt and palladium A T Grigor'ev, V V Kuprina Zhur neorg khim 6 no 8 1891-1901 Ag '61

IRON-ALUMINUM ALLOYS—MAGNETIC PROPERTIES
Temperature dependence of certain magnetic properties of the Fe$_3$Al alloy V V Zubov Izv vys ucheb zav , fiz no 4,3-8 '61.

IRON AND STEELWORKERS see subdivision under Makayevka

IRON-CARBON-SILICON ALLOYS
Effect of calcium on the form of graphite inclusions in Fe-C-Si alloys [with summary in English] A V Chornovol, IU M Taran, T O Panchyna Dop AN URSR no 7 911-914 '61

IRON CARBONATE
Thermal analysis for the determination of iron carbonate. I A Gulevitskaia Obog. rud 4 no. 3 30-32 '59.

IRON-CHROMIUM ALLOYS—METALLOGRAPHY
Properties of oxides in iron-chromium alloys A M Samarin, V A Mchedlishvili Izv AN SSSR Otd tekh nauk Met i topl no 4 50-5.' Jl-Ag '61.

IRON-COBALT ALLOYS see Kobalt-iron alloys

IRON HYDROXIDE
Mechanism of the fatty acid method of extracting precipitated colloidal iron hydroxide V B Tikhomirov. Dokl AN SSSR 139 no. 6 1416-1417 Ag '61.

IRON HYDROXIDE —ANALYSIS
Determination of iron in the form of hydroxides by thermal analysis. I. A Gulevitskaia. Obog. rud 5 no. 2 32-34 '60

IRON MINES AND MINING see subdivision under Kachkanar Mountain

IRON MINES AND MINING—FIRES AND FIRE PREVENTION see subdivision under Khakass Autonomous Province

IRON-NICKEL ALLOYS—METALLOGRAPHY
Investigating the structure of irreversible alloys in the system Fe - Ni. V. I. Gorbunov Fiz met i metalloved 12 no. 1 78-83 Jl '61.

IRON ORES
(see also subdivision under Altai Mountains; Kerch Peninsula; Krivoy Rog Basin, Sayan Mountains)
Dressing fine-size iron ores in a three-product hydrocyclone with use of heavy suspensions S G. Evslovich, G M Kosol Obog. rud 5 no 4 16-20 '60
Efficient flowsheets for the dressing of iron ores. N. P. Tikov, N. P. Zhukovskii, R. B. Shapiro. Obog. rud 5 no. 5, 3-20 '60.
Iron ore dressing in Sweden P. G. Chilstedt. Obog. rud. 5 no 3;49-62 '60.
Nodulizing iron-ore concentrates; survey of foreign practices. D. V. Ustinov. Obog rud 3 no. 6 21-25 '58
Outlook for the development of techniques in iron-ore dressing and sintering of concentrates Obog. rud 3 no. 5 3-6 '58.
Quality of iron ore concentrates V. I. Karmazin. Obog. rud 5 no. 1;13-14 '60.
Rate of the movement of water in a layer of finely ground iron ores and concentrates [with summary in English] V I Korotich Inzh. fiz zhur. 4 no 7 91-95 Jl '61.
"Technological characteristics and flowsheets for the dressing of magnetite-type iron ores" by A.P. Kvaskov. Reviewed by V. M. Arashkevich. Obog. rud 4 no. 4 58-59 '59.

IRON OXIDE
Reactions between stannous and stannic oxide and ferric sulfide. D. N. Klushin, O. V. Nadinskaia. Zhur prikl. khim. 34 no 8:1660-1670 Ag '61.

IRON OXIDE —ELECTRIC PROPERTIES
Electric conductivity of melts in the system ferrous oxide - titanium dioxide V. S. Balikhin, V A Rezanchenko. Izv AN SSSR. Otd tekh nauk Met. i topl no 4 24-28 Jl-Ag '61.

IRON SULFATE
Radiolysis of aqueous solutions of uranium (IV) and iron (II) sulfates at elevated temperatures. V. G. Firsov, B. V. Ershler. Zhur. fiz. khim. 35 no. 8:1687-1688 Ag '61.

IRON SULFIDES
Behavior of iron sulfides in combustible shales in thermal processes I. K. Illarionov Izv vys ucheb zav ; geol i razv. 4 no 7 104-109 Jl '61.

IRREVERSIBLE PROCESSES
Author's correction to his article "Theory of linear irreversible processes in a high magnetic field " ("Fizika tverdogo tela," Vol 3, p 1342, 1961) M I Klinger. Fiz. tver tela 3 no 8 2507-2508 Ag '61

IRRIGATION
(see also subdivision under Bayaut region, Golodnaya Steppe, Soviet Central Asia, Ukraine)
Colloidochemical method of preventing water filtration through porous (sandy) soils of irrigating systems A. K. Miskarli, M. M. Gurvich, I A Abduragimova Azerb khim zhur no. 2 103-106 '60
Effect of irrigation farming on light-colored Sierozems of the Golodnaya Steppe. I D Dergunov Mat po prolzv sil Uzb no 15:157-165 '60
Formation of Solonetz soils due to irrigation with mineralized waters IA. A Kovalev Mat. po proizv sil Uzb no. 15,137-146 '60.
Irrigation and drainage problems at the January Plenum of the Central Committee of the CPSU. Gidr. i mel. 13 no. 3 3-26 Mr '61.
Irrigation systems with distributing pipelines V. A. Shaumian. Gidr. i mel 13 no. 3 34-37 Mr '61.
Role of land improvement in the programmed management of agriculture [with summary in English] I A. Sharov. Izv. TSKhA no 2 201-209 '61

IRRIGATION—CONGRESSES
Efficient use of lands with basin snow-water irrigation. I F Rusinov Gidr i mel 13 no. 8,62-64 Ag '61

IRRIGATION CANALS AND FLUMES
(see also subdivision under Golodnaya Steppe, Soviet Central Asia, Vakhsh Valley)
Characteristics of changes in filtration losses depending on water discharge in canals I S IAkovlev Izv Otd. geol -khim. i tekh nauk AN Tadzh SSR no 1 63-67 '59
Settling deformations in irrigation canals I. P Mochalov. Gidr. i mel. 13 no. 3 56-60 Mr '61.
Simple criteria of establishing the possibility of free filtration M I Kaplinskii Izv AN Kir SSR. Ser est i tekh nauk 2 no 1 95-102 '60
Some problems concerning the channel stability of irrigation canals. N. G. Samsonov Nauch zap MIIVKH 23,150-170 '60
Use of Academician A. N Kostiakov's empirical formulas in determining filtration losses. M I Kaplinskii Izv AN Kir. SSR Ser. est i tekh nauk 2 no 4 87-93 '60

IRRIGATION FARMING
(see also subdivision under Alma-Ata Province, Caspian Lowland, Kazakhstan, Volga Valley)
Effectiveness of planning in irrigated areas A. G. Turbin, V. IA Lopatin. Vest. sel'khoz. nauki [Kazak.] 4 no. 2 72-76 F '61
Problems involved in the construction of irrigation systems in loess soils. A. L. Rubinshtein. Nauch.zap MIIVKH 23-3-10 '60.

IRRITABILITY
Biochemical sources of irritability. V. S. Tongur. Vop. filos. no. 6 151-153 '57.

IRTYSH RIVER—FREIGHT AND FREIGHTAGE
Use the Irtysh for freight transportation more fully. I. Pshenitsyna. Nar. khoz. Kazakh. 19 no. 8 66-69 Ag '61

ISKANDERKUL' LAKE REGION—MOLLUSKS
Terrestrial molluska in the vicinity of Lake Iskanderkul' S. A Rostovshchikov Izv. Otd. sel'khoz. i biol nauk AN Tadzh SSR no. 1 67-71 '60

ISKITIM (NOVOSIBIRSK PROVINCE)—BOILERS
From an unprofitable to a paying concern. M Turygin Fin SSSR 22 no. 8 70-72 Ag '61.

ISKITIM (NOVOSIBIRSK PROVINCE)—RADIATORS
From an unprofitable to a paying concern. M. Turygin Fin. SSSR 22 no. 8 70-72 Ag '61.

ISOBUTYL ALCOHOL
Alkylation of phenol with isobutyl alcohol in the presence of a cation exchange resin (new method of preparing tertiary butylphenol). V. I. Isagulianta, V. E. Panidi Zhur. prikl. khim. 34 no. 8 1849-1852 Ag '61.

ISOBUTYRIC ACID
α-Bromoperfluoroisobutyric acid and its derivatives I L. Knunlants, L. S German, B L Diatkin. Izv AN SSSR. Otd khim. nauk no 8 1513-1514 Ag '61

ISOMERIZATION
Positional isomerization of fatty acids with the interaction of fat and alkali. G M Pavlov, V. I. Poddubnyi Izv vys. ucheb. zav ; pishch. tekh. no. 3:132-134 '60
Transenolization Part 2: Effect of solvents on the transenolization of α-alkylacetoacetic esters. M. I. Kabachnik and others. Zhur ob. khim. 31 no. 8 2682-2692 Ag '61.

ISOMERS
Study of (n, 2n) reactions leading to the formation of isomers [with summary in English] V. I. Glagolev, P. A. IAmpol'skii Zhur eksp i teor. fiz 10 no 3 713-718 Mr '61

ISOMORPHISM
Some examples of groups of isomorphisms. V. G Vilitaeri Dokl. AN SSSR 139 no 6 1283-1286 Ag '61
Theory of isomorphism A. G. Kapustinskii Kristallografiia 6 no 3 413-417 My-Je '61

ISOPENTYL ALCOHOL
Extraction of gold, platinum and palladium by isoamyl alcohol. G S Lopatin, I N Plaksin. Izv vys ucheb zav.; tsvet met. 4 no 4 87-90 '61

ISOPROPYL ALCOHOL
Improvement of the industrial process for the production of isopropyl sulfates in the manufacture of isopropyl alcohol P S Kogan, L I Serikova Khim prom no 8 580-581 Ag '61.
Improvement of the industrial process for the production of isopropyl sulfates in the manufacture of isopropyl alcohol P S Kogan, L I Serikova Khim prom no 8 580-581 Ag '61

ISOTOPES
Polapov, S. P., and K. I. Sakodynskii. [Stable isotopes around us] Stabil'nye izotopy vokrug nas. [Moskva] Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhn, 1961. 67 p

ISOTOPES—MASS
Isotope masses and binding energies of nuclei in the region from strontium to ruthenium [with summary in English] R A Demirkhanov, V V Dorokhov, M I Dzkuia Zhur eksp i teor fiz 40 no 6 1572-1582 Je '61

ISSYK—BOOKSELLERS AND BOOKSELLING
Book holiday A Valiev Koop. Kazakh 4 no. 5/6 45-46 My-Je '61

ISTISU—MINERAL WATERS
Materials on algae of the Istisu mineral springs near Kelbadzhar, Azerbaijan S S R D G Aliev Izv AN Azerb SSR Ser biol i med nauk no. 5:23-29 '61

ISTISU REGION—POPPY
Double-flowering oriental poppy (Papaver orientale L) in the mountains of Istisu V kh Tutaurk Dokl AN Azerb SSR 17 no 6:511-514 '61

ISTOMIN, PETR STEPANOVICH, 1881-
Petr Stepanovich Istomin on his 80th birthday. A A. Buchvar and others. Izv. vys. ucheb. zav , tsvet. met. 4 no. 4:161-163 '61.

ITALY—BOOKS
Exhibition of Italian books in Moscow S B Telingater Poligr proizv no 8 28-29 Ag '61

ITALY—CANNING INDUSTRY—EQUIPMENT AND SUPPLIES
Preserving semiprocessed products in iron barrels in Italy (from "Industria conserve" 35, no 4, 1960) Kons i ov prom 16 no 7,35-36 Jl '61

ITALY—CHILDREN AS ARTISTS
Children of Italy are drawing I. Larionova Semlia i shkola 16 no 7 48 Jl '61

ITALY—CITIES AND TOWNS
"Italian municipal communities from the 11th to the 13th century and special features of the European municipal development" [in Italian] by E Sestan Reviewed by A. L. Kotel'nikova Sred veka no 20 288-293 '61

ITALY—COMMERCE—RUSSIA
Agreement on the exchange of goods between the U S S R and Italy in 1962-1965 Vnesh torg 41 no 9 25-27 '61
New agreements open large perspectives [with English summary in appendix] O. Kozhevnikov. Vnesh torg 41 no 9 10-12 '61.

ITALY—COMMUNIST PARTY
Present-day strategy and tactics of the Italian Communist Party [with summary in English, pp 221-222] L Gruppi Vop. ist no. 9 89-102 S '61.

ITALY—EMBRYOLOGY, HUMAN
Miracle in Bologna. S. Liash. Znan. ta pratsia no. 8 10-11 Ag '61.

ITALY—GOR'KII, MAKSIM, 1868-1936
Gor'kii in Italy. M. Charnyi. Semlia i shkola 16 no 6 27-28 Je '61.

ITALY—HISTORY
Candeloro, Giorgio. [Modern history of Italy Translated from the Italian] Istoriia sovremennoi Italii. Moskva, Izd-vo inostr. lit-ry.
Vol. 2. [From the Restoration to the national revolution] Ot Restavratsii do Natsional'noi revoliutsii. Red. N. V. Rudnitskaia. 1961. 568 p.

ITALY—MIDDLE AGES
"Italy and the Byzantine Empire in the 6th century," by Z. V. Udal'tsova. Reviewed by A. I. Neusykhin. Sred. veka no. 20: 225-239 '61.

ITALY—PAPER INDUSTRY
Italian woodpulp and paper industry. K. T. Senchurov. Bum. prom. 36 no. 8: 27 Ag '61.

ITALY—POLITICS AND GOVERNMENT
Gantman, V. I. [The governmental system of Italy] Gosudarstvennyi stroi Italii. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1961. 329 p.

ITALY—PRECAST CONCRETE CONSTRUCTION
Reinforced concrete in industrial and public construction in Italy. Biul. stroi. tekh. 18 no. 8: 42-43 Ag '61.

ITALY—RELATIONS (GENERAL) WITH RUSSIA
Italian economists in the U.S.S.R. N. Vasil'ev. Vop. ekon. no. 9: 160 S '61.

ITALY—WOODPULP INDUSTRY
Italian woodpulp and paper industry. K. T. Senchurov. Bum. prom. 36 no. 8: 27 Ag '61.

IUDIN, KONSTANTIN KONSTANTINOVICH, 1896-1957
Dolynin, B. P. Konstantin Iudin. Moskva, Gos. izd-vo "Iskusstvo," 1961. 100 p. (Mastera kinoiskusstva)

IVANGOROD—TOPOGRAPHY
Topography of Ivan-Gorod in the 16th century. V. V. Kostochkin. Sov. arkheol. 5 no. 3: 261-269 '61.

IVANOV, ANDREI
"Time of youth" by Andrei Ivanov. Reviewed by G. Kolesnikova. Moskva 5 no. 8: 218-219 '61.

IVANOVO PROVINCE—HISTORY—STUDY AND TEACHING
Interesting idea. P. Frolkin, L. Khokhlova, N. Kosterin. Prep. ist. v shkole 15 no. 5: 120-121 S-O '61.

IVANOVO PROVINCE—TEXTILE FABRICS
New cotton and staple fabrics. D. T. Alekseev. Tekst. prom. 21 no. 7: 5-7 Jl '61.

IVANOVO PROVINCE—TEXTILE INDUSTRY
Dunaev, V. P., and D. K. Orlov. [The Ivanovo millions] Ivanovskie millionery. [Moskva] Izd-vo VTsSPS Profizdat, 1960. 91 p.

IVDEL' REGION—SPONGES, FOSSIL
Spicules of siliceous sponges from upper Cretaceous deposits of the trans-Ural region and Paleogene deposits of the Northern Urals. V. M. Koltun. Paleont. zhur. no. 1: 61-69 '61.

JACKS, HYDRAULIC see Hydraulic jacks

JAGAN, CHEDDI, 1918-
Cheddi Jagan. Nov. vrem. 19 no. 36: 26 S '61.

JAM
(see also subdivision under Krasnodar Territory)
Problems of the mechanization of jam production. E. I. Pravda, N. M. Chmilenko. Kons. i ov. prom. 16 no. 7: 12-15 Jl '61.

JAPAN—CHEMISTRY
"Japanese chemical writing - read it yourself" by G. M. Powell. Usp. khim. 30 no. 7: 932-940 Jl '61.

JAPAN—CHILDREN'S LITERATURE
Japanese children's books and toys. M. Demchenko. Nar. obr. no. 9: 120-121 S '61.

JAPAN—COMMUNISM
Lenin in Japanese literature. Ohara Koichi. Nar. Azii i Afr. no. 2: 117-121 '61.

JAPAN—FOREIGN ECONOMIC RELATIONS—RUSSIA
"There is much to learn from them...." Ogonek 39 no. 35: 1 Ag '61.

JAPAN—FOREIGN RELATIONS—RUSSIA
The first Russian mission to Japan. Submitted by A. A. Preobrazhenskii. Ist. arkh. 7 no. 4: 113-148 Jl-Ag '61.

JAPAN—MILITARY BASES, AMERICAN
TSvetov, V. IA. [The Japanese people are against the military bases of the U.S.A.] Narod IAponii protiv voennykh baz SShA. Moskva, Izd-vo vostochnoi lit-ry, 1960. 122 p.

JAPAN—MOTION-PICTURE PLAYS
Japanese motion pictures today; a letter from Tokyo. Akira Iwasaki. Isk. kino no. 8: 140-144 Ag '61.

JAPAN—POLITICS AND GOVERNMENT
Japan: Fascism will not pass! Ogonek 39 no. 26: 5 Je '61.

JAPAN—RELATIONS (GENERAL) WITH RUSSIA
Among Japanese friends. I. Vladychenko. Sov. shakht. 10 no. 7: 41-42 Jl '61.

JAPAN—TOY INDUSTRY
Japanese children's books and toys. M. Demchenko. Nar. obr. no. 9: 120-121 S '61.

JAPAN—WORLD WAR, 1939-1945
Bases of the policy of the imperial government under contemporary conditions. Voen.-ist. zhur. 3 no. 7: 91-98 Jl '61.

JAPAN, SEA OF—HYDROLOGY
Physical foundations of the prediction of seasonal water level oscillations in the Sea of Japan. L. I. Galkin. Trudy Inst. okean. 37: 73-91 '60.

JAPANESE LANGUAGE—TECHNICAL JAPANESE
"Japanese chemical writing - read it yourself" by G. M. Powell. Usp. khim. 30 no. 7: 932-940 Jl '61.

JAPANESE LITERATURE—HISTORY AND CRITICISM
Logunova, V. V. [Writers and the times, realism and modernism in Japanese literature] Pisateli i vremia, realizm i modernizm v iaponskoi literature. Moskva, Izd-vo vostochnoi lit-ry, 1961. 129 p.

JASPER see subdivision under Akhtala region (Alverdi District)

JEEPS see Automobiles, Military

JERUSALEM—PORTRAITS
Journey to Jerusalem. A. G. Shanidze. Vest. AN SSSR 31 no. 8: 91-94 Ag '61.

JET PLANE SOUNDS
Sound "claps." N. A. Zaks. Vest. Vozd. Fl. no. 6: 71-75 Je '61.

JETS
Semigraphical method of calculating the entrance section of the ejector mixing chamber. L. S. Abramzon. Teploenergetika 8 no. 4: 89-91 Ap '61.

JETS—FLUID DYNAMICS
Generalization of Tricomi's problem and its application to the solution of the direct problem of Laval's theory of jets. F. I. Frankl'. Mat. sbor. 51 no. 2: 225-236 Je '61.

JEWS
[The U.S.S.R. under the rule of the Jews] SSSR pod evreiskim pravitel'stvom. Union, N.J., Komitet russkikh rabov evreiskogo kommunizma, 1961. 45 p. [4 p. insert in English]

JOB ANALYSIS
Work results of a research laboratory. V. Pelkin. Prof.-tekh. obr. 18 no. 5: 16-18 My '61.

JOINTS—TUBERCULOSIS see subdivision under Turkmenistan

JOINTS (GEOLOGY)
(see also subdivision under Akbastau Valley, Soviet Central Asia)
Fractured reservoirs in a cross section of the Devonian of the South Minusinsk Lowland. T. V. Dorofeeva. Trudy VNIGRI no. 165: 200-207 '61.
Fractured reservoirs of the lower Cambrian in the Irkutsk amphitheater. V. N. Kalacheva. Trudy VNIGRI no. 165, 120-170 '61.
Jointing of Cretaceous sediments of the Chechen-Ingush A. S. S. R. in connection with the study of their reservoir properties. M. Kh. Bulach. Trudy VNIGRI no. 165: 89-128 '61.
Method of studying the jointing of rocks. V. K. Gromov. Trudy VNIGRI no. 165: 29-55 '61.
Method of studying the reservoir properties of fractured rocks. D. S. Romm. Trudy VNIGRI no. 165: 5-28 '61.
Recent data on the stratigraphy and jointing of an upper Jurassic limestone series of the southwestern spurs of the Gissar Range. M. G. Romashova. Trudy VNIGRI no. 165: 171-199 '61.
Relationship between the reservoir properties and the electrical resistivity of fractured rocks. I. I. Goriunov, I. A. Molotkov. Trudy VNIGRI no. 165: 237-247 '61.
Results of the study of the jointing and reservoir properties of Paleozoic rocks in eastern Bashkiria as exemplified by the Kinzebulatovo field. V. K. Gromov, R. A. Petrova. Trudy VNIGRI no. 165: 56-88 '61.
Some data on the jointing of Tertiary rocks of the Kamchatka Peninsula in connection with their reservoir properties. G. L. Berson, L. V. Demidovich. Trudy VNIGRI no. 165: 208-236 '61.

JOINTS (GEOLOGY)—MAPS see subdivision under Maritime Territory

JOURNALISM
Kol'tsov, M. E. [Writing for a newspaper, speeches, articles, notes] Pisatel' v gazete; vystupleniia, stat'i, zametki. Moskva, "Sovetskii pisatel'," 1961. 137 p.

JOURNALISM, LABOR
(see also subdivision under Ukraine)
"Sign of the times; nonsalaried workers of the Soviet press and radio." Reviewed by V. Vorontsov. Part. zhizn' no. 17: 76-78 S '61.

JOURNALISM, MILITARY
An appeal to the mind and heart. N. Popov. Komm. Vooruzh. Sil 1 no. 6: 88-93 Mr '61.
Follow-up of articles published in our periodical. Komm. Vooruzh. Sil 1 no. 2: 96 Ja '61.
Follow-up of articles published in our periodical. Komm. Vooruzh. Sil 1 no. 3: 96 F '61.
Newspapers should struggle for the effectiveness of their exposal of faults. Komm. Vooruzh. Sil 1 no. 4: 91-94 N '60.

JOURNALISTIC PHOTOGRAPHY see Photography, Journalistic

JUMPING
Unprecedented height. A. Zil'berbort. Smena 38 no. 10: 30-31 My '61.

JUNCTION TRANSISTORS
Determination of recombination constants from the spectral characteristics of a phototube with a p - n junction. V. K. Subashiev. Fiz. tver. tela 2 no. 2: 204-212 F '60.
Generation centers in diffused p-n junctions in silicon. G. L. Nolle, G. N. Galkin. Fiz. tver. tela 3 no. 8: 2350-2354 Ag '61.
Temperature dependence of the potential across the p-n junction. I. P. Stepanenko. Izv. vys. ucheb. zav., radiotekh. 3 no. 6: 667-670 N-D '60.
Theory of phototubes with p - n junctions. B. IA. Moizhes. Fiz. tver. tela 2 no. 2: 221-226 F '60.

JUNCTION TRANSISTORS—ELECTRIC PROPERTIES
Electrical properties of welded-in p - n junction in silicon carbide. T. E. Khaziamova, G. F. Kholuianov. Fiz. tver. tela 2 no. 3: 426-431 Mr '60.

JUSTICE, ADMINISTRATION OF
On the subject of general supervision of the public prosecutor for observing the legality by the executive and administrative organs of local soviets. N. I. Andrianov. Nauch. zap. Kiev. fin.-ekon. inst. no. 8: 300-312 '59.

KACHALOV, NIKOLAI NIKOLAEVICH, 1883-1961
Nikolai Nikolaevich Kachalov. Stek. i ker. 18 no. 8: 48 Ag '61.

KACHKANAR MOUNTAIN—IRON MINES AND MINING
At the Kachkanar Mountain. A. Grigor'ev. Ogonek 39 no. 38: 14-15 S '61.

KADZHARAN—COPPER MINES AND MINING
New equipment at the Kadzharan Copper-Molybdenum Combine. Prom. Arm. 4 no. 8: 84 Ag '61.

KADZHARAN—MOLYBDENUM
New equipment at the Kadzharan Copper-Molybdenum Combine. Prom. Arm. 4 no. 8: 84 Ag '61.

KAFAN—COPPER MINES AND MINING
Experimental work for improving stoping operations and the introduction of stoping in mines of the Kafan Copper Mining Combine. B. Ambartsumian. Prom. Arm. 4 no. 8: 61-63 Ag '61.
High-speed mining of a crosscut at the Kafan Copper-Mining Combine. Sh. Minasian, E. Davtian, E. Danielian. Prom. Arm. 4 no. 6: 48-52 Je '61.
Scientific Technical Conference. Prom. Arm. 4 no. 5: 63-64 My '61.

KAKHOVKA RESERVOIR—BEACH EROSION
Changes of the Kakhovka seashores. A. M. Bezuhlyi. Geog. zbir. no. 4: 15-24 '61.

KAKOVSKII, IGOR' ANTONOVICH, 1910-
I. A. Kakovskii's birthday. Obog. rud. 5 no. 5: 61 '60.

KALANDARISHVILI, NESTOR, 1876-1922
Baramidze, Nodar. [Hero of the civil war, Nestor Kalandarishvili. Geroi grazhdanskoi voiny Nestor Kalandarishvili. Batumi, Gos. izd-vo] 1960. 54 p. [In Georgian]
(MH)

KALANTAYEV—MOUNDS
Mound near the Kalantayev village. E. F. Pokrovskaia, G. T. Kovpanenko. Arkheologiia 12: 129-142 '61.

KALAUSHIN, BORIS MATVEEVICH
Courage, wit, and imagination. E. D. Kuznetsov. Doshk. vosp. 34 no. 9: 87-90 S '61.

KALININ DISTRICT—WHEAT—HARVESTING
Golden stream. Ogonek 39 no. 35: 2 of cover, 1 Ag '61.

KALININ PROVINCE—MOTORCYCLE RACING
At the finish of the Kalinin Province Spartakiada. Za r. 19 no. 7: 8-9 Jl '61.

KALININ PROVINCE—TECHNOLOGICAL INNOVATIONS
Introduction of new equipment and technological innovations in enterprises of the Kalinin and Yaroslavl Economic Councils. F. V. Domaev. Biul. tekh.-ekon. inform. no. 7: 84-85 '61.

KALINNIKOV, VASILII SERGEEVICH, 1866-1901

Martynov, I. I. [Kalinnikov's first symphony] Pervaia simfoniia Kalinnikova. Izd. 2. Moskva, Gos. muzykal'noe izd-vo, 1959. 12 p. (Biblioteka slushatelia konsertov)

KALMYK A S.S.R.—STATISTICS

Kalmuck A.S.S.R. Statisticheskoe upravlenie. [Economy of the Kalmyk S.S.S.R., statistical collection] Narodnoe khoziaistvo Kalmytskoi ASSR, statisticheskii sbornik. Elista, Kalmytskoe knizhnoe izd-vo, 1960. 107 p.

KALMYKOV, PORFIRII EVDOKIMOVICH, 1901-

Professor P. E. Kalmykov on his 60th birthday. Voen.-med. zhur. no. 5:92 My '61.

KALUGA—RESTAURANTS, LUNCHROOMS, ETC.

Encounters in Kaluga. I. Levitskaia. Obshchestv. pit. no. 6:3-6 Je '61.

KALUGA PROVINCE—FORESTS AND FORESTRY

Baranov, A. M. [Kaluga forests] Lesa kaluzhskie. [Kaluga] Kaluzhskoe knizhnoe izd-vo, 1960. 78 p. (DA)

KAMA VALLEY—CABEL

There is a plant on the Kama River.... G. Futov. Ogonek 39 no. 39:15 S '61.

KAMA VALLEY—PALEONTOLOGY, STRATIGRAPHIC

[Regional stratigraphy of the U.S.S.R.] Regional'naia stratigrafiia SSSR. Glav. red. N.S. Shatskii. Moskva.

Vol. 5. Dain-atskaia, I. I., and others. [Stratigraphy of the Middle Carboniferous sediments of the central and eastern parts of the Russian Platform based on the studies of Foraminifera] Stratigrafiia srednekamennougol'nykh otlozhenii tsentral'noi i vostochnoi chasti Russkoi platformy (na osnove izucheniia foraminifer).

Pt. 2. [Volga and Kama Valleys] Povolzh'e i Prikam'e. 1961. 355 p. [MICROFILM]

KAMCHATKA—AERONAUTICS, COMMERCIAL

Over the open spaces of Kamchatka. Grazhd. av. 18 no. 7:16-17 Jl '61.

KAMCHATKA—FISHERIES

"Here is 'fish'." V. Razin. Smena 36 no. 10:18-19 My '61.

KAMCHATKA—FORAMINIFERA, FOSSIL

The species Trochammina vitrea Serova, sp. nov., its paleoecology and paleoecology and stratigraphic significance. M. IA. Serova. Vop. mikropaleont. no. 5 69-82 '61.

KAMCHATKA—OIL SANDS—PERMEABILITY

Some data on the jointing of Tertiary rocks of the Kamchatka Peninsula in connection with their reservoir properties. G. L. Berson, I. V. Demidovich. Trudy VNIGRI no. 165:200-230 '61.

KAMENNAYA STEPPE—FROST

Effect of forest shelter belts on forests in the Kamennaya Steppe. V. I. Duginov. Shor. rab. Kursk. gidromet. obser. no. 1 53-59 '60.

KAMENNAYA STEPPE—RUNOFF

Effect of afforestation and agricultural practices on snow water runoff from slopes in the Kamennaya Steppe. A. V. Rudometov. Shor. rab. Kursk. gidromet. obser. no. 1 39-51 '60.

KAMMERUBER, JOSEF

Provocateur and war criminal. N. S. Marinenko. Vest. Vozd. Fl. no. 6 90-91 Je '61.

KANEV DISTRICT—ANTIQUITIES

Bondar, M. M. [Monuments of the ancient past in Kanev on the Dnieper] Pam'iatky starodavn'oho mynuloho Kanivs'koho Prydniprov'ia. [Kyiv] Vyd-vo Kyivs'koho univ., 1959. 76 p. (MH)

KANEVSKIY DISTRICT—DUCKS

Kutilova, V. I. [This is economically profitable] Eto ekonomicheski vygodno. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 38 p. (Resheniia ianvarskogo (1961 g.) Plenuma TsK KPSS - v zhizn'!) (DA)

KANYGINA, VARVARA ANDREEVNA

Kanygina, Varvara Andreevna. Fiz. v shkole 21 no. 3: 8 My-Je '61.

KAOLIN

Rheologic properties of kaolin and its dispersion. IU. N. Klimova. Bum. prom. 36 no. 6:15-16 Ag '61.

KAPLANIAN, RACHIIA

A stage-director works in a young people's theater. Nat. Smirnova. Teatr 22 no. 9 109-111 S '61.

KARA-BOGAZ-GOL (CITY)—HORSES, FOSSIL

Find of a tooth of Equus caballus in deposits of the Kara Bum series. G. I. Amurskii. Izv. AN Turk. SSR Ser. fiz.-tekh., khim. i geol. nauk no. 1:100-101 '61.

KARA-BOGAZ-GOL (GULF)—HYDROLOGY

Water balance of the Kara-Bogaz-Gol Gulf. N. IA. Mironova. Trudy Inst. okean. 37 110-122 '60.

KARA KUM—TREE PLANTING

Effect of planting time on the rooting capacity and growth of caustic tree and shrub species in the Kara Kum Desert. V. P. Dubrovskii. Izv. AN Turk. SSR Ser. biol. nauk no. 1 12-16 '61.

KARA KUM—WATER, UNDERGROUND

New method of searching for fresh-water lenses in the Kara Kum. N. A. Ogil'vi, O. M. Miasnovskii. Izv. AN Turk. SSR, Ser., fiz.-tekh., khim. i geol. nauk no. 1:80-83 '61.

KARA KUM CANAL—SOIL BINDING

Giant reed (Arundo donax) as a bank stabilizer of the Kara Kum Canal. M. P. Petrov. Izv. AN Turk. SSR Ser. biol. nauk no. 1 17-20 '61.

Natural growing over of dikes of the Kara Kum Canal. O. A. Mikhel'son. Izv. AN Turk. SSR Ser. biol. nauk. no. 1 21-25 '61.

KARA SEA—METEOROLOGY, MARITIME

Heat exchange between the ocean and the atmosphere in the Arctic in winter. A. V. Smetannikova. Trudy AANII 229:175-201 '61.

KARA SEA REGION—ATMOSPHERIC TEMPERATURE

Influence of the Kara Sea on air temperature variations in the lower troposphere. V. M. Shapaev. Trudy GGO no. 122 12-30 '61.

KARA-TAU—PALEONTOLOGY, STRATIGRAPHIC

Detailed biostratigraphy of Famennian sediments in the central Kara-Tau (southern Kazakhstan). V. V. Ez. Izv. vys. ucheb. zav., geol. i razv. 4 no. 7 22-33 Jl '61.

KARA-TAU—ROCKS, SEDIMENTARY

Conditions governing the formation of Caledonian molasses in Kara-Tau (southern Kazakhstan). E. A. Pokhvisneva. Izv. vys. ucheb. zav., geol. i razv. 4 no. 7:34-41 Jl '61.

KARABAKH STEPPE—CORN (MAIZE)

Effect of planting time on the duration of developmental phases in some corn varieties and hybrids in the Karabakh Steppe. B. B. Grigor'ian. Izv. AN Azerb. SSR Ser. biol. i med. nauk no. 5, 11-51 '61.

KARABAKH STEPPE—CORN (MAIZE)—VARIETIES

Yields and quality of different corn varieties and hybrids grown for silage. D. F. Aliev. Izv. AN Azerb. SSR Ser. biol. i med. nauk no. 6, 29-36 '61.

KARADAG REGION—CONDENSATE OIL WELLS

Study of the loss of condensate in the transportation of Karadag gas. A. B. TSaturiants, N. K. Kadyrov. Azerb. neft. khoz. 39 no. 2:27-30 F '60.

KARADZHILGA RANGE—GEOLOGY, STRUCTURAL

An example of the effect of explosions on the fracture tectonics of rocks. V. A. Nevskii. Dokl. AN SSSR 139 no. 6:1438-1441 Ag '61.

KARAGANDA—ELECTRIC WELDING

Introduce progressive welding methods in production. A. Finke, IU. Makarenko. Nar. khoz. Kazakh. 19 no. 8: 34-35 Ag '61.

KARAGANDA BASIN—COAL MINERS

The main thing. B. Bystrov. Sov. shakht. 10 no. 8:27-28 S '61.

KARAGANDA BASIN—COAL MINES AND MINING

Gratifying changes. A. Alimbaev. Sov. shakht. 10 no. 8:20 Ag '61.

KARAGANDA BASIN—COAL MINES AND MINING—LABOR PRODUCTIVITY

Outstanding achievements. O. Shakirov, V. Ponamarev. Sov. shakht. 10 no. 7:7-9 Jl '61.

KARAGANDA BASIN—MINE GASES

Mining without special gas inspectors. Sov. shakht. 10 no. 9:22 S '61.

KARAGANDA ECONOMIC REGION—ECONOMIC POLICY

Improve planning for the comprehensive development of an economic region. A. Golovin. Nar. khoz. Kazakh. 19 no. 8:78-83 Ag '61.

KARAGANDA PROVINCE—AGRICULTURE

Prospects of the development of agriculture in the Dzhezkazgan industrial region. M. A. Govar. Vest. sel'khoz. nauki [Kazakh.] 4 no. 5:3-9 My '61.

KARAGANDA PROVINCE—CLERKS (RETAIL TRADE)

Able men. P. TSvirko. Koop. Kazakh. 4 no. 1:12-13 Ap '61.

KARAGANDA PROVINCE—GEOLOGY, STRATIGRAPHIC

Finds of Cambrian trilobites in the Dzhezkazgan-Ulutau region. V. D. Dobrynin, I. M. Sigitova. Dokl. AN SSSR 139 no. 6 1423-1424 Ag '61.

KARAKUL SHEEP

Soviet karakul. A. A. Kaplin. Priroda 50 no. 9 105-109 S '61.

KARASU—BOOKSELLERS AND BOOKSELLING

Let's supply books to all families. M. Mironov. Koop. Kazakh. 4 no. 5/6 19 My-Je '61.

KARASU—DUST COLLECTORS

Chamber for recovering dust from dust collectors. Masl.-zhir. prom. 27 no. 8 43 Ag '61.

KARATAL'SKIY DISTRICT—BAKERS AND BAKERIES

Useful initiative. V. Sergienko. Koop. Kazakh. 4 no. 4 44 Ap '61.

KARATAL'SKIY DISTRICT—RESTAURANTS, LUNCHROOMS, ETC.

Useful initiative. V. Sergienko. Koop. Kazakh. 4 no. 4 44 Ap '61.

KARBYSHEV, D. M.

Materials for the biography of D. M. Karbyshev. Hero of the Soviet Union. T. T. Markova. Ist. arkh. 7 no. 4. 254-255 Jl-Ag '61.

KARELIA—EDUCATION

History of Russian schools in Karelia. P. V. Ivanov. Uch. zap. Kar. ped. inst. 10:101-107 '60.

KARELIA—GEOLOGY—FIELD WORK

Sokolov, V. A., and R. V. Butin. [Geological field trip to Yuzhnyy Oleniy Island and Volkostrov] Geologicheskaia ekskursiia na IUzhnyi Oleni ostrov i Volkostrov. Petrozavodsk, Gos. izd-vo Karel'skoi ASSR, 1961. 57 p.

KARELIA—HISTORY

History of Soviet-Finnish relations; the Karelian question at the Yur'ev Peace Conference of 1920. P. I. Ikhalainen. Uch. zap. kar. ped. inst. 10:73-78 '60.

KARELIA—LAND TENURE

Rural communes in Karelia after the Reform of 1861. G. A. Nefedova. Uch. zap. Kar. ped. inst. 10:92-100 '60.

KARELIAN ISTHMUS—CRUSTACEA

Distribution of relict crustaceans in some lakes of the Karelian Isthmus. K. N. Kuz'menko. Trudy Lab. ozeroved. 11:217-224 '60.

KARELIAN ISTHMUS—FISH PONDS

Characteristics of zooplankton in the experiment pond of the Limnological Station and some data on the productive and biological effect of green manuring. I. N. Baranova. Trudy Lab. ozeroved. 11:188-205 '60.

KARELIAN ISTHMUS—FRESH-WATER FLORA

Productivity of the plant cover in some lakes of the Karelian Isthmus. V. M. Katanskaia. Trudy Lab. ozeroved. 11:151-177 '60.

Seasonal development of aquatic vegetation in lakes of the Karelian Isthmus. V. M. Katanskaia. Trudy Lab. ozeroved. 11:116-150 '60.

KARELIAN ISTHMUS—LIMNOLOGY

Investigation of chemical exchange between the bottom and the water mass of a lake. N. I. Semenovich. Trudy Lab. ozeroved. 11 3-47 '60.

Limnological investigation of some typical lakes of the Karelian Isthmus with regard to the increase of their biological productivity and fishery value. L. A. Zhakov. Trudy Lab. ozeroved. 11:48-79 '60.

KARELIAN ISTHMUS—WHITE FISHES

Feeding of the Vuoksi lavaret in the experiment pond and lakes of the Karelian Isthmus. K. N. Kuz'menko. Trudy Lab. ozeroved. 11:205-216 '60.

KARELIAN ISTHMUS—ZOOPLANKTON

General characteristics of zooplankton in some lakes of the Karelian Isthmus. N. I. Semenovich, I. N. Baranova. Trudy Lab. ozeroved. 11:178-187 '60.

KARGASOK DISTRICT—SOCIALIST COMPETITION

Our pledges. E. Borskii, V. Kotliarova, G. Rudnkova. Uchet. i fin. v kolkhoz. i sovkhoz. 18 no. 9 19 S '61.

KARIEV, GABDULLA, 1880-1920

In memory of a prominent actor. Kh. Gubaidullin. Teatr 22 no. 9, 167-168 S '61.

KARSAKPAY—COPPER INDUSTRY

Reducing losses of copper with waste slags at the Karsakpay plant. O. G. Miller and others. Trudy Alt. GMNII AN Kazakh. SSR 11:3-9 '61.

KARST
(see also subdivision under Arabika region, Crimea, Simferopol' District)
Density of karst holes and stability of karst territories G A Maksimovich Izv vys ucheb zav geol i razv 4 no 7 118-125 Jl '61

KARYOKINESIS
Studying the nucleolonema in the mitosis and meiosis in Lilium L S Belinova, L I Kaknadze Izv Sib otd AN SSSR no. 7 92-97 '61

KASHAN, VASYL', 1696-
Shpakov, A. Vasilii Il'ich Kasitan. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1960. 31 p. (MIl)

KASKELEN DISTRICT—RETAIL TRADE
New elements in the relationship between salesmen and customers R Tamarina Koop Kazakh 4 no 5/6 32-34 My-Je '61

KASTREN, MATIAS ALEKSANDR, 1813-1852
Murav'ev, V. B. [Stakes of forgotten paths] Vekhi zabytykh putei. Moskva, Gos. izd-vo geogr. lit-ry, 1961. 61 p. (Zamechatel'nye geografy i puteshestvenniki)

KATAEV, VALENTIN PETROVICH, 1897-
Bhatina, B. IA. [Valentin Kataev, an outline of his works] Valentin Kataev, ocherk tvorchestva. Moskva, Goslitizdat, 1960. 221 p.

KATON-KARAGAY DISTRICT—BOOKSELLERS AND BOOKSELLING
In the district where he was born V. Novikov Koop Kazakh 4 no 5/6 48-49 My-Je '61

KATTA-KURGAN—OIL INDUSTRIES
Putting a plant for the distillation of fatty acids from cottonseed soap stocks into operation V G Klepikov, G. P. Fomenchuk, S Sh Zufarov Masl.-zhir prom 27 no 8,37-42 Ag '61

KAUNAS—PAPER INDUSTRY
Her heroic deed Svetlana Gladysh Sov. profsoiuzy no 17-21-22 S '61

KAUNAS—THEATERS—FIRES AND FIRE PREVENTION
Children's theater of the "Gintaras" collective farm M Šadrevičius Pozh. delo 7 no. 8 30 Ag '61

KAVERIN, FEDOR NIKOLAEVICH
Fedor Kaverin Aleksandr Kron Teatr 22 no 9 129-132 S '61

KAZAKEVICH, EMANUEL
"By the light of day" by Em. Kazakevich; "Kira Georgievna" by V. Nekrasov. Reviewed by L. Zhak Oktiabr' 38 no. 9 205-213 S '61

KAZAKH LANGUAGE—DIALECTS
The folk song "Karataudyn basynan kosh keldi" [in Kazakh with summary in Russian]. Zh Doskaraev Izv AN Kazakh SSR Ser filol i fisk no 2 31-41 '61.
Phonetic characteristics of the Chu dialect [in Kazakh with summary in Russian] O Nakisbekov Izv AN Kazakh SSR Ser filol i fisk no 2 20-24 '61
Verbal forms ending in "ly" in the spoken language [in Kazakh with summary in Russian] S Omarbekov. Izv. AN Kazakh SSR Ser filol i fisk. no 2 25-29 '61

KAZAKH LANGUAGE—GRAMMAR, COMPARATIVE—RUSSIAN
Instrumental case in the Kazakh language and its Russian equivalents [in Kazakh with summary in Russian] V. A Isengalieva Izv AN Kazakh. SSR Ser filol i fisk no 2 3-10 '61

KAZAKH LANGUAGE—PHONETICS
Phonetic characteristics of the Chu dialect [in Kazakh with summary in Russian] O. Nakisbekov Izv. AN Kazakh SSR. Ser filol i fisk. no 2 20-24 '61.

KAZAKH LANGUAGE—VERB
Verbal forms ending in "ly" in the spoken language [in Kazakh with summary in Russian] S Omarbekov Izv AN Kazakh SSR Ser filol i fisk. no 2 25-29 '61

KAZAKH LITERATURE—HISTORY AND CRITICISM
Nurmakhanov, Kaizhan. [Literary notes] Literaturnye zametki; sbornik kriticheskikh i literaturovedcheskikh statei. Alma-Ata Kazakhskoe Goslitizdat, 1961. 209 p. (MIl)

KAZAKH PHILOLOGY
Brief news N Karasheva, A. Nurymbetov. Izv. AN Kazakh SSR Ser. filol i fisk no 2 109-110 '61.

KAZAKH PHILOLOGY—BIBLIOGRAPHY see Bibliography—Kazakh philology

KAZAKH POETRY—HISTORY AND CRITICISM
Development of Kazakh poems [in Kazakh with summary in Russian] Sh. Alibekov Izv. AN Kazakh SSR Ser. filol i fisk, no 2-58-66 '61.

KAZAKHSTAN
To the Central Committee of the Communist Party of Kazakhstan, the Presidium of the Supreme Soviet of the Kazakh S S R, and the Council of Ministers of the Kazakh S S R Koop Kazakh 1 no 5/6 1-4 My-Je '61

KAZAKHSTAN—AGRICULTURAL RESEARCH
State of research in the mechanization of agriculture on the 40th anniversary of the Kazakh S S R P A Nikolaev, I V Sakharov. Vest sel'khoz nauki [Kazakh.] 4 no 6 52-58 Je '61

KAZAKHSTAN—AGRICULTURE
Basic agricultural problems of the south and southeast of Kazakhstan. G Z Bliashev and others Vest sel'khoz nauki [Kazakh.] 4 no. 1 15-23 Ja '61.
From the history of the settlement and agricultural development in Kazakhstan I M Nazarenko Trudy Otd geog AN Kazakh SSR no 3 27-52 '61
Socialistic transformation of the agriculture of Kazkhstan, a triumph of the Lenin nationalities policy of the CPSU. Vest sel'khoz nauki [Kazakh.] 4 no 6 3-6 Je '61

KAZAKHSTAN—AGRICULTURE—ECONOMIC ASPECTS
Development of agricultural economics in Kazakhstan I. B. Tashekov, A I Belov Vest sel'khoz. nauki [Kazakh.] 4 no 6 7-12 Je '61

KAZAKHSTAN—AGRICULTURE—PERIODICALS
Scientific periodical publications on agriculture in Kazakhstan during 40 years M V Danilova, S S Zenin Vest sel'khoz nauki [Kazakh.] 4 no. 6 64-70 Je '61.

KAZAKHSTAN—AMATEUR THEATRICALS
Hurry, administrator! L. Osipova. Ogonek 39 no. 39 23 S '61.

KAZAKHSTAN—ARTISANS
Labor conditions and the mold of life of Kazakhstan artisans in the second half of the 19th and the beginning of the 20th century Z A Masanov Izv AN Kazakh. SSR Ser ist., arkheol i etn no 1 45-55 '61.

KAZAKHSTAN—BEANS
Forage bean as a high-yielding plant. V. P. Chernogolovin Vest sel'khoz nauki [Kazakh.] 4 no 5, 25-27 My '61.

KAZAKHSTAN—BOOKSELLERS AND BOOKSELLING
On the level of the growing demand Kh Dzhumadilov Koop Kazakh 4 no 5/6 41-45 My-Je '61

KAZAKHSTAN—CLIMATE
General characteristics of the climate in a series of points of eastern Kazakhstan IU. I Khuchnikov Trudy Otd. geog AN Kazakh SSR no 3 53-74 '61

KAZAKHSTAN—COAL GEOLOGY
Coal accumulation in the lower Mesozoic in the Maykuben' Basin M I Ritenberg, Z I Fadeeva Trudy Lab geol ugl no 12 253-298 '61.

KAZAKHSTAN—CONSTRUCTION INDUSTRY—FINANCE
Bring order to construction organizations' finances. V Zagorul'ko, P Ponomarev. Nar. khoz. Kazakh. 19 no. 8 45-48 Ag '61.

KAZAKHSTAN—CONSTRUCTION INDUSTRY—LABOR PRODUCTIVITY
New methods for the planning of and accounting for labor productivity are needed in construction. M Amstibovitskii. Nar. khoz. Kazakh. 19 no. 8 81-88 Ag '61.

KAZAKHSTAN—COOPERATIVE SOCIETIES
Carrying out Lenin's precepts Koop. Kazakh. 4 no 4-5 Ap '61
Forty years of struggle and victories Koop Kazakh 4 no 5/6 4-8 My-Je '61.
In the first years of the Republic T. Aitiev Koop Kazakh. 4 no 4 56-59 Ap '61.
Let the national report include our line too A. Olekhova. Koop. Kazakh. 4 no 5/6 57-58 My-Je '61.
Overtake the best and strive for general improvement. M. Petrov Koop Kazakh. 4 no 4 49-53 Ap '61
Results of the socialist competition among the organizations and enterprises of the cooperative societies of the Rupublic for the first quarter of 1961 Koop Kazakh 4 no 5/6 16-17 My-Je '61
Socialist pledges of cooperative workers of the Kazakh S S. R for 1961. Koop. Kazakh 4 no. 4:30-32 Ap '61.
There are such people. V. Novikov. Koop. Kazakh. 4 no. 4, 9-10 Ap '61
When the party said it was necessary the cooperative societies answered, it has already been done Koop. Kazakh 4 no. 4, 17-26 Ap '61.
Worthy life. R. Tamarina. Koop. Kazakh. 4 no. 4:6-8 Ap '61.

KAZAKHSTAN—COOPERATIVE SOCIETIES—FINANCE
Build up reserves and prevent losses Koop Kazakh 4 no 4 26-29 Ap '61

KAZAKHSTAN—COTTON GROWING
Industrial crops in Kazakhstan during forty years G Z Bliashev, M Kh Muratov Vest sel'khoz. nauki [Kazakh.] 4 no 6 19-26 Je '61

KAZAKHSTAN—ECONOMIC CONDITIONS
Forty years of struggle and victories Koop Kazakh 4 no 5/6 1-8 My-Je '61

KAZAKHSTAN—ECONOMIC GEOGRAPHY
Kutaf'ev, S. A. [The Kazakh S. S. R.] Kazakhskaia SSR. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 127 p

KAZAKHSTAN—EDUCATION
From the history of educational work of Soviet Kazakh schools, 1920-1936 S Musin Sov pedag 25 no 8 111-120 Ag '61

KAZAKHSTAN—EDUCATION, HIGHER
Work of institutions of higher learning according to the new system gives excellent results K B Bilinlov Vest vys shkoly 19 no 8 22-23 Ag '61

KAZAKHSTAN—ELECTRIFICATION
Total electrification of Kazakhstan L. Selemenova Koop Kazakh 4 no 5/6 68-70 My-Je '61

KAZAKHSTAN—FARM MECHANIZATION—STUDY AND TEACHING
Great tasks and great responsibility. I. Afonov. Prof.-tekh. obr 18 no. 5:1-2 My '61

KAZAKHSTAN—FAULTS (GEOLOGY)
Formation of faults transversally oriented to folds. F. M. Nekrasov Trudy IGEM no 41:119-133 '61.

KAZAKHSTAN—FORESTS AND FORESTRY
Forests and forestry research in Kazakhstan S.N. Ugenskii. Vest sel'khoz nauki [Kazakh.] 4 no. 6: 58-61 Je '61.

KAZAKHSTAN—GEOGRAPHY
What is known about the geography of Kazakhstan N N Pal'gov Trudy Otd geog. AN Kazakh SSR no. 3 3-26 '61.

KAZAKHSTAN—GRAIN
Achievements of agricultural science in the development of grain production in Kazakhstan. V I Kovalenko. Vest sel'khoz nauki [Kazakh.] 4 no. 6 12-18 Je '61.

KAZAKHSTAN—GRAIN—STORAGE
Economic efficiency of postharvest processing and temporary storage of grain on state and collective farms V. Nasonov Vest. sel'khoz nauki [Kazakh] 4 no 5: 9-13 My '61.

KAZAKHSTAN—GRAPHIC ARTS
Graphic arts in Kazakhstan G Sarykulova Izv AN Kazakh SSR Ser filol i fisk no 2 67-77 '61.

KAZAKHSTAN—GRASSES
Perennial grasses in forage production of northern Kazakhstan. A M Golubev. Vest sel'khoz. nauki [Kazakh] 4 no. 1:24-30 Ja '61.

KAZAKHSTAN—HISTORICAL RESEARCH
The 30th anniversary of the Institute of the History of the Communist Party attached to the Central Committee of the Communist Party of Kazakhstan Vop ist KPSS 5 no 5 228-231 '61.

KAZAKHSTAN—IRRIGATION FARMING
Water from artesian wells for irrigating the semidesert zone of Kazakhstan [with summaries in English, German, and French]. IU. I. Kirillov and others. Vest. sel'khoz. nauki 6 no. 8 90-98 Ag '61.

KAZAKHSTAN—LAND SETTLEMENT
From the history of the settlement and agricultural development in Kazakhstan I. M. Nazarenko. Trudy Otd geog AN Kazakh SSR no 3 27-52 '61.

KAZAKHSTAN—LAW
Akademiia nauk Kazakhskoi SSR, Alma-Ata, Institut filosofii i prava. [History of the state and law of Soviet Kazakhstan] Istoriia gosudarstva i prava Sovetskogo Kazakhstana. Pod red. S. Z. Zimanova i M. A. Bindera. Alma-Ata,
Vol. 1. 1917-1925 gg. 1961. 446 p.

KAZAKHSTAN—LOTUS, FOSSIL
Impressions of Nelumbo leaves from Tertiary deposits of Kazakhstan. Ig. V. Vasil'ev. Paleont. zhur. no. 1: 139-143 '61.

KAZAKHSTAN—MAMMALS, FOSSIL
Biological and paleozoogeographical characteristics of the Indricotherian fauna. K. K. Flerov. Paleont. zhur no. 1:12-22 '61.

KAZAKHSTAN—MERCANTILE BUILDINGS—FIRES AND FIRE PREVENTION
Prevent fires G. Danilov Koop. Kazakh 1 no 5/6 66-67 My-Je '61

KAZAKHSTAN—ORE DEPOSITS
Some characteristics of the geology of the Alaygyr ore field (central Kazakhstan) E F Burshtein Izv vys uchebn zav. geol i razv 4 no 7 93-98 Jl '61
Structural characteristics of some ore fields associated with folding (Kazakhstan) V V Kolesnikov, I Z Korin Trudy IGE M no 11 86-98 '61

KAZAKHSTAN—PLANTS, PROTECTION OF
Scientific research in the protection of plants in Kazakhstan. Zh T Dzhumbaev, Vest sel'khoz nauki [Kazakh.] 4 no 6 26-35 Je '61.

KAZAKHSTAN—POLITICS AND GOVERNMENT
Akademiia nauk Kazakhskoi SSR, Alma-Ata, Institut filosofii i prava [History of the state and law of Soviet Kazakhstan] Istoriia gosudarstva i prava Sovetskogo Kazakhstana. Pod red. S. Z. Zimanova i M. A. Bindera. Alma-Ata
Vol. 1. 1917-1925 gg 1961. 446 p.

KAZAKHSTAN—POWER ENGINEERING
Developing the power supply and raw material base of heavy industry in Kazakhstan during the years of the Great Patriotic War V IA Basin. Izv AN Kazakh SSR Ser. ist., arkheol i etn no 1:19-31 '61.

KAZAKHSTAN—PRECAST CONCRETE CONSTRUCTION
The future belongs to large-panel house construction. I. Kapustianskii. Nar. khoz. Kazakh. 19 no. 8 41-11 Ag '61.

KAZAKHSTAN—PRICES
Improve the practice of price determination steadily. D. Kokaulin Nar. kho. Kazakh. 19 no. 8, 54-58 Ag '61.

KAZAKHSTAN—PRODUCE TRADE
Republic-wide cooperative marketing section has been established Koop Kazakh 4 no 5/6 50-51 My-Je '61.

KAZAKHSTAN—RAILROADS—SNOW PROTECTION AND REMOVAL
Helicopter over railroad tracks. A. G. Statenin. Put' i put. khoz. 5 no. 7 36 Jl '61.

KAZAKHSTAN—RAW MATERIALS
Developing the power supply and raw material base of heavy industry in Kazakhstan during the years of the Great Patriotic War V IA Basin Izv AN Kazakh SSR Ser. ist., arkheol i etn no 1:19-31 '61

KAZAKHSTAN—RECLAMATION OF LAND
Reclamation of virgin land and problems of agricultural specialization. A. Belov. Vop. ekon. no. 9:92-101 S '61.
Reclamation of virgin lands as a factor in strengthening the alliance between the working class and collective farm peasantry I. Shamshatov Izv. AN Kazakh SSR Ser. ist., arkheol i etn no 1:3-18 '61

KAZAKHSTAN—RESTAURANTS, LUNCHROOMS, ETC.
Let's strengthen and develop the sprouts of communism. Uzgali Shedenov Koop Kazakh 4 no. 5/6 59-63 My-Je '61
Winners should have premiums G Demchenko Koop Kazakh. 4 no 5/6 11 My-Je '61

KAZAKHSTAN—RETAIL TRADE
Conducting a competition on the extensive development of new forms of trade in stores of cooperative societies Koop. Kazakh 4 no 5/6 75 My-Je '61.

KAZAKHSTAN—REVOLUTION, 1917-1921
Internationalists in the struggle for the Soviet regime in Kazakhstan at the beginning of the civil war A. S Blagin, V. S Poznanskii Izv. AN Kazakh. SSR. Ser. ist., arkheol. i etn no 1:32-41 '61

KAZAKHSTAN—RICE
Outlook for rice culture in irrigated soils of Kazakhstan. D. Sarykulov. Gidr. i mel. 13 no. 3:27-33 Mr '61.

KAZAKHSTAN—ROCKS, IGNEOUS
Shevchenko, E. V. [Structural and petrographic features of some Permian plutonic rocks of central Kazakhstan] Strukturnye i petrograficheskie osobennosti nekotorykh permskikh plutonov tsentral'nogo Kazakhstana. [L'vov] Izd-vo L'vovskogo gos. univ., 1951. 202 p. (NN)

KAZAKHSTAN—RUNOFF
Map of the annual average runoff of eastern Kazakhstan rivers. I. S Sosedov, B. M. Boldyrev. Trudy Otd. geog. AN Kazakh SSR no. 8 162-173 '61.

KAZAKHSTAN—SELF-SERVICE STORES
More convenience and service for the customers. M. Servaiskii. Koop Kazakh. 4 no 5/6-29-32 My-Je '61.

KAZAKHSTAN—SERVICE INDUSTRIES
Carrying out the resolution of the Central Committee of the Communist Party of Kazakhstan and the Council of Ministers of the Kazakh S S R "Measures for the improvement of service industries" Koop Kazakh 4 no 5/6 76-77 My-Je '61

KAZAKHSTAN—SHEEP
Production costs of lamb on state farms of Kazakhstan V A. Abdullin Vest sel'khoz. nauki [Kazakh.] 4 no 2 3-12 F '61

KAZAKHSTAN—SILVER FOX—FEEDING AND FEEDS
Use of local feed IU Parshin Koop Kazakh 4 no 5/6 64-65 My-Je '61

KAZAKHSTAN—SNOW
Characteristics of the formation of snow covering in Kazakhstan plains A. T Kuznetsov Trudy Otd geog AN Kazakh SSR no 8 147-161 '61

KAZAKHSTAN—SOCIALIST COMPETITION
We shall create an abundance of agricultural products. Kan De Khan Ekon. sel'khoz 32 no 8, 61-69 Ag '61

KAZAKHSTAN—SUGAR BEETS
Industrial crops in Kazakhstan during forty years. G. Z. Bliashev, M. Kh. Muratov. Vest. sel'khoz nauki [Kazakh.] 4 no. 6:19-26 Je '61.
Sugar beet as forage plant G. Z Bliashev, A. I. Azhkeev Vest. sel'khoz. nauki [Kazakh.] 4 no 5:14-19 My '61

KAZAKHSTAN—SUGAR INDUSTRY
Scientific and technical conference on the sugar industry. A. Gol'perin Sakh prom 35 no 6 71-72 Ag '61.

KAZAKHSTAN—SWEET CLOVER
Sowing sweet clover in Kazakhstan. V. P. Chernogolovin. Vest. sel'khoz nauki [Kazakh.] 4 no 5:18-24 My '61.

KAZAKHSTAN—VETERINARY RESEARCH
Development of veterinary medicine in Kazakhstan. D. K Karabaev. Vest. sel'khoz. nauki [Kazakh.] 4 no. 6, 44-52 Je '61.

KAZAKHSTAN—WATER SUPPLY ENGINEERING
Establish water supply systems on extensive pasture areas. M. Zozulia. Nar. khoz. Kazakh. 19 no. 8:73-77 Ag '61.

KAZAKHSTAN—WHEAT—HARVESTING
Wheat harvesting time in northern Kazakhstan. V. P. Kuz'min. Vest. sel'khoz nauki [Kazakh.] 4 no. 2 18-24 F '61.

KAZAKHSTAN—WOOL INDUSTRY
Contest for the fulfillment of the annual plan of state wool deliveries by the purchasing organizations of cooperative societies ahead of time Koop Kazakh 4 no. 5/6 77-78 My-Je '61.

KAZANSKII, BORIS ALEKSANDROVICH, 1891-
Celebration in honor of Academician B. A. Kazanskii. *Vest. AN SSSR 31 no. 8:104 Ag '61.*

KAZBEG REGION—SOLAR RADIATION
Radiation balance in the high-mountain zone of Kazbeg. *Sh. V. Meskize. Trudy Tbil NIGMI no. 7 71-92 '60.*
Scattered atmospheric radiation at the high-mountain meteorological station of Kazbeg P. A. Rukhadze Sbor. trab Tbil gidromet obser no 1 69-74 '60.

KELDYSH, MSTISLAV VSEVOLODOVICH, 1911-
Mstislav Vsevolodovich Keldysh, president of the Academy of Sciences of the U.S.S.R. Mat. v shkole no. 4: 70-71 Jl-Ag '61.

KELES REGION—BENTONITE
Keles bentonites as seepage preventing material for irrigation canals of the Golodnaya Steppe. M. Zakirov Mat. po proizv. sil. Uzb. no. 15, 197-204 '60.

KELLEROVKA DISTRICT—RETAIL TRADE
Plan is overfulfilled. P. Rzhevskii. Koop. Kazakh. 4 no. 5/6:13 My-Je '61.

KENDERLYK VALLEY—COAL GEOLOGY
Characteristics of lower Mesozoic coal-bearing sediments in the Kenderlyk trough. L. F. Beliankin, I. B. Volkova. Trudy Lab geol ugl. no. 12, 235-246 '61.
Conclusion. Trudy Lab. geol. ugl. no 12 247-248 '61.
Evaluating of lower Mesozoic coal potentials of the Kenderlyk trough. L. F. Beliankin. Trudy Lab. geol ugl. no. 12, 248-247 '61.
Geological characteristics of lower Mesozoic sediments in the Kenderlyk trough L. F. Beliankin, V. V. Vorontsov. Trudy Lab. geol. ugl. no. 12 188-199 '61
Lithofacies characteristics of lower Mesozoic sediments. L. F. Beliankin, V. V Vorontsov, I. B Volkova. Trudy Lab. geol ugl. no 12 199-207 '61.
Paleontological characteristics of lower Mesozoic sediments in the Kenderlyk trough. V. S. Zaspelova, G. M Koval'chuk Trudy Lab geol. ugl. no. 12, 207-231 '61.
Short review of the history of the study of lower Mesozoic sediments in the Kenderlyk trough L. F Beliankin, V V Vorontsov Trudy Lab geol ugl no 12 187-188 '61

KENDERLYK VALLEY—GEOLOGY, STRUCTURAL
Tectonic movements in the lower Mesozoic in the area of the Kenderlyk trough L F Beliankin Trudy Lab geol ugl *no 12 232 '61*

KENDERLYK VALLEY—PALEOGEOGRAPHY
Paleogeography of the Kenderlyk trough during the lower Mesozoic sedimentation V V Vorotsov Trudy Lab geol ugl no 12 232-231 '61

KENTAU—EXCAVATING MACHINERY
Information Nar. khoz Kazakh. 19 no. 8, 85 Ag '61.
Production improvement is a guarantee of success. A. Malykhin. Nar. khoz Kazakh. 19 no 8 21-23 Ag '61.

KENYA—MAU MAU
The armed struggle of the Kenyan Africans against English colonizers, from 1952 to 1956 I. L Kruglov Krat soob Inst nar Azii no 38 16-71 '61.

KERAMZIT
Effect of various reducing agents on the bloating process of clayey soil of East Kazakhstan V V. Vershinina Trudy Alt GMNII AN Kazakh SSR 11 119-124 '61
Experimental and industrial testing of the keramzit manufacturing process from shale. V. V. Vershinina, G. A. Shlapak. Trudy Alt. GMNII AN Kazakh. SSR 11 130-134 '61.

KERCH—WORLD WAR, 1939-1945
It was near Kerch K Pleatsov. Voen vest. 41 no 5: 20-21 My '61

KERCH PENINSULA—GEOMORPHOLOGY
Geomorphological structure of the Kerch Peninsula. T B Aleksandrova-kyi. Geog zbir no 4 166-172 '61

KERCH PENINSULA—IRON ORES
Conference on the metallurgy of Kerch Peninsula ores and on pelletizing A P. Obog rud 4 no 1 40-41 '59.
Ore oolite formation during the accumulation of products of mud volcanism V F Malakhovskii. Dokl AN SSSR 139 no 5 1214-1217 Ag '61
Structural characteristics of iron ores in the Kerch deposit [with summary in English] H. H. Nevolsa Dop AN URSR no 7 951-954 '61

KERCH PENINSULA—LANDSLIDES
Slides on the shores of the Kerch Peninsula. I. M. Ilubanov Geog zbir no. 4, 173-180 '61

KERCH PENINSULA—ORE DRESSING
Pilot plant for the magnetic roasting of the Kerch Peninsula brown ores B. A Petrukhin Obog rud 4 no. 3 46 '59.

KERCH PENINSULA—SCYTHIAN ANTIQUITIES
Local features on Scythian culture in central Crimea and the Kerch Peninsula. T. N Troitskaia. Izv. Krym otd Geog ob-va no 4 67-76 '57.

KERCH REGION—INSCRIPTIONS, GREEK
Unknown inscriptions of the Cimmerian Bosporus. A. I. Boltunova. Num. i epig. no. 1:199-207 '60.

KERMADEC DEEP—HYDROLOGY
Some data on the hydrology of the Tonga and Kermadec Deeps. V. V. Leont'eva. Trudy Inst. okean. 40:72-82 '60.

KETONES
Addition of thiophenol to β-cyan vinyl ketones A N Nesmeianov, L. V. Rybin, M. I Rybinskaia Izv. AN SSSR. Otd. khim nauk no 8 1451-1453 Ag '61
Conjugated systems. Part III: Addition of hydrogen bromide to butynone and vinylacetylene ketones V D. Nemirovskii, L. F. Chelpanova, A. A Petrov. Zhur. ob. khim. 31 no. 8:2552-2559 Ag '61.
Hydrogenation of iso- and n-butyl phenyl ketones on a nickel-kieselguhr catalyst M. R. Musaev Azerb khim. zhur. no. 2:99-101 '60.
New method of synthesizing macrocyclic ketones having a musk odor. L. I. Belen'kii, S. Z. Taits, IA. L. Gol'dfarb. Dokl. AN SSSR 139 no. 6:1356-1358 Ag '61.
Organizing the production of methyl ethyl ketone. D. V. Mushenko, N. E. Vishnevskii, D. V. Mairov. Khim i tekh topl. i masel 6 no. 8:66-67 Ag '61.
Reactions of phosphines. Part I: Reactions of aliphatic phosphines with aldehydes and ketones. K. A. Petrov, V. A. Parshina. Zhur. ob. khim. 31 no. 8:2729-2731 Ag '61.
Reactions of phosphorous acid cyclic esters with α-halo ketones. A. N. Pudovik, G. P. Medvedeva, V. I. Kochetkova. Zhur. ob. khim. 31 no 8 2650-2656 Ag '61.
Vapor phase catalytic ketonization of CH_3COOH over oxides of tetravalent metals and BeO V. I. Akerson and others. Izv AN SSSR. Otd. khim. nauk no. 8 1527-1528 Ag '61.

KARST
(see also subdivision under) Arabika region, Crimea, Simferopol' District)
Density of Karst holes and stability of karst territories G. A. Maksimovich Izv. vys. ucheb. zav. geol. i razv. 4 no. 7 118-125 Jl '61

KARYOKINESIS
Studying the nucleolonema in the mitosis and meiosis in Lilium. I. S. Belicova, L. I. Kiknadze Izv. Sib. otd. AN SSSR no. 7 29-37 '61

KASIIAN, VASYL', 1896-
Sipakov, A. Vasilii Il'ich Kasiian. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1960. 31 p. (MH)

KASKELEN DISTRICT—RETAIL TRADE
New elements in the relationship between salesmen and customers R. Tamarina Koop. Kazakh. 4 no. 5/6 32-34 My-Je '61

KASTREN, MATIAS ALEKSANDR, 1813-1852
Murav'ev, V. B. [Stakes of forgotten paths] Vekhi zabytykh putei. Moskva, Gos. izd-vo geogr. lit-ry, 1961. 61 p. (Zamechatel'nye geografy i puteshestvenniki)

KATAEV, VALENTIN PETROVICH, 1897-
Bratolina, B. IA. [Valentin Kataev, an outline of his works] Valentin Kataev; ocherk tvorchestva. Moskva, Goslitizdat, 1960. 221 p.

KATON-KARAGAY DISTRICT—BOOKSELLERS AND BOOKSELLING
In the district where he was born V. Novikov Koop. Kazakh. 4 no. 5/6 48-49 My-Je '61

KATTA-KURGAN—OIL INDUSTRIES
Putting a plant for the distillation of fatty acids from cottonseed soap stocks into operation V. G. Klepikov, G. P. Korneichuk, S. Sh. Zufarov Masl.-zhir. prom. 27 no. 8 37-42 Ag '61

KAUNAS—PAPER INDUSTRY
Her heroic deed Svetlana Gladysh Sov. profsoiuzy no. 17 21-22 S '61

KAUNAS—THEATERS—FIRES AND FIRE PREVENTION
Children's theater of the "Gintaras" collective farm M. Šadzevičius. Pozh. delo 7 no. 8 30 Ag '61

KAVERIN, FEDOR NIKOLAEVICH
Fedor Kaverin Aleksandr Kron Teatr 22 no. 9 120-132 S '61

KAZAKEVICH, EMANUEL
"By the light of day" by E. M. Kazakevich; "Kira Georgievna" by V. Nekrasov. Reviewed by I. Zhak Oktiabr' 38 no. 9 206-213 S '61

KAZAKH LANGUAGE—DIALECTS
The folk song "Karataudyn basynan kosh keldi" [in Kazakh with summary in Russian] Zh. Doskaraev Izv. AN Kazakh SSR Ser. filol. i fisk. no. 2 34-41 '61
Phonetic characteristics of the Chu dialect [in Kazakh with summary in Russian] O. Nakisbekov Izv. AN Kazakh SSR Ser. filol. i fisk. no. 2 20-24 '61
Verbal forms ending in "ly" in the spoken language [in Kazakh with summary in Russian] S. Omarbekov Izv. AN Kazakh SSR Ser. filol. i fisk. no. 2 25-29 '61

KAZAKH LANGUAGE—GRAMMAR, COMPARATIVE—RUSSIAN
Instrumental case in the Kazakh language and its Russian equivalents [in Kazakh with summary in Russian] V. A. Isengalieva Izv. AN Kazakh. SSR. Ser. filol. i fisk. no. 2 3-10 '61.

KAZAKH LANGUAGE—PHONETICS
Phonetic characteristics of the Chu dialect [in Kazakh with summary in Russian] O. Nakisbekov Izv. AN Kazakh. SSR Ser. filol. i fisk. no. 2 20-24 '61.

KAZAKH LANGUAGE—VERB
Verbal forms ending in "ly" in the spoken language [in Kazakh with summary in Russian] S. Omarbekov. Izv. AN Kazakh. SSR. Ser. filol. i fisk. no. 2 25-29 '61

KAZAKH LITERATURE—HISTORY AND CRITICISM
Nurmakhanov, Kaizhan. [Literary notes] Literaturnye zametki; sbornik kriticheskikh i literaturovedcheskikh statei. Alma-Ata Kazakhskoe Goslitizdat, 1961, 209 p. (MH)

KAZAKH PHILOLOGY
Brief news N. Karasheva, A. Narymbetov Izv. AN Kazakh. SSR Ser. filol. i fisk. no. 2 109-110 '61

KAZAKH PHILOLOGY—BIBLIOGRAPHY see Bibliography—Kazakh philology

KAZAKH POETRY—HISTORY AND CRITICISM
Development of Kazakh poems [in Kazakh with summary in Russian] Sh. Alibekov. Izv. AN Kazakh SSR. Ser. filol. i fisk. no. 2. 58-66 '61.

KAZAKHSTAN
To the Central Committee of the Communist Party of Kazakhstan, the Presidium of the Supreme Soviet of the Kazakh S. S. R., and the Council of Ministers of the Kazakh S. S. R. Koop. Kazakh. 4 no. 5/6 1-3 My-Je '61

KAZAKHSTAN—AGRICULTURAL RESEARCH
State of research in the mechanization of agriculture on the 40th anniversary of the Kazakh S. S. R. P. A. Nikolaev, I. V. Sakharov Vest. sel'khoz. nauki [Kazakh.] 4 no. 6 52-58 Je '61.

KAZAKHSTAN—AGRICULTURE
Basic agricultural problems of the south and southeast of Kazakhstan G. Z. Biloshev and others Vest. sel'khoz. nauki [Kazakh.] 4 no. 1 15-23 Ja '61
From the history of the settlement and agricultural development in Kazakhstan I. M. Nazarenko Trudy Otd. geog. AN Kazakh SSR no. 8 27-52 '61
Socialistic transformation of the agriculture of Kazkhstan, a triumph of the Lenin nationalities policy of the CPSU Vest. sel'khoz. nauki [Kazakh.] 4 no. 6 3-6 Je '61

KAZAKHSTAN—AGRICULTURE—ECONOMIC ASPECTS
Development of agricultural economics in Kazakhstan I. B. Tabekov, A. I. Belov. Vest. sel'khoz. nauki [Kazakh.] 4 no. 6 7-12 Je '61

KAZAKHSTAN—AGRICULTURE—PERIODICALS
Scientific periodical publications on agriculture in Kazakhstan during 40 years M. V. Danilova, S. S. Zemn Vest. sel'khoz. nauki [Kazakh.] 4 no. 6 61-70 Je '61.

KAZAKHSTAN—AMATEUR THEATRICALS
Hurry, administration! L. Osipova. Ogonek 39 no. 39:23 S '61.

KAZAKHSTAN—ARTISANS
Labor conditions and the mold of life of Kazakhstan artisans in the second half of the 19th and the beginning of the 20th century B. A. Masanov Izv. AN Kazakh. SSR Ser. ist., arkheol. i etn. no. 1 15-55 '61

KAZAKHSTAN—BEANS
Forage bean as a high-yielding plant. V. P. Chernogolovin. Vest. sel'khoz. nauki [Kazakh.] 4 no. 5:25-27 My '61

KAZAKHSTAN—BOOKSELLERS AND BOOKSELLING
On the level of the growing demand Kh. Dzhumadilov Koop. Kazakh. 4 no. 5/6 41-45 My-Je '61

KAZAKHSTAN—CLIMATE
General characteristics of the climate in a series of points of eastern Kazakhstan IU. I. Khmelnikov Trudy Otd. geog. AN Kazakh. SSR no. 8 53-71 '61

KAZAKHSTAN—COAL GEOLOGY
Coal accumulation in the lower Mesozoi in the Maykuber' Basin M. I. Rutenberg, Z. I. Fadeeva Trudy Lab. geol. ugl. no. 12 253-293 '61.

KAZAKHSTAN—CONSTRUCTION INDUSTRY—FINANCE
Bring order to construction organizations' finances. V. Zagorul'ko, P. Ponomarev. Nar. khoz. Kazakh. 19 no. 8. 15-18 Ag '61.

KAZAKHSTAN—CONSTRUCTION INDUSTRY—LABOR PRODUCTIVITY
New methods for the planning of and accounting for labor productivity are needed in construction. M. Amstibovitskii. Nar. khoz. Kazakh. 19 no. 8 84-88 Ag '61.

KAZAKHSTAN—COOPERATIVE SOCIETIES
Carrying out Lenin's precepts. Koop. Kazakh. 4 no. 4: 3-5 Ap '61
Forty years of struggle and victories Koop. Kazakh. 4 no. 5/6 4-8 My-Je '61
In the first years of the Republic T. Aitiev. Koop. Kazakh. 4 no. 4. 56-59 Ap '61
Let the national report include our line too A. Olekhova. Koop. Kazakh. 4 no. 5/6:57-58 My-Je '61.
Overtake the best and strive for general improvement. M. Petrov. Koop. Kazakh. 4 no. 4. 49-53 Ap '61
Results of the socialist competition among the organizations and enterprises of the cooperative societies of the Republic for the first quarter of 1961 Koop. Kazakh. 4 no. 5/6 16-17 My-Je '61
Socialist pledges of cooperative workers of the Kazakh. S. S. R. for 1961 Koop. Kazakh. 4 no. 4:30-32 Ap '61.
There are such people. V. Novikov. Koop. Kazakh. 4 no. 4. 9-10 Ap '61.
When the party said it was necessary the cooperative societies answered, it has already been done Koop. Kazakh. 4 no. 4. 17-26 Ap '61
Worthy life. R. Tamarina. Koop. Kazakh. 4 no. 4:6-8 Ap '61.

KAZAKHSTAN—COOPERATIVE SOCIETIES—FINANCE
Build up reserves and prevent losses Koop. Kazakh. 4 no. 4 26-29 Ap '61

KAZAKHSTAN—COTTON GROWING
Industrial crops in Kazakhstan during forty years G. Z. Biloshev, M. Kh. Muratov Vest. sel'khoz. nauki [Kazakh.] 4 no. 6 19-26 Je '61

KAZAKHSTAN—ECONOMIC CONDITIONS
Forty years of struggle and victories Koop. Kazakh. 4 no. 5/6 4-8 My-Je '61

KAZAKHSTAN—ECONOMIC GEOGRAPHY
Kutaf'ev, S. A. [The Kazakh S. S. R.] Kazakhskaia SSR, Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 127 p.

KAZAKHSTAN—EDUCATION
From the history of educational work of Soviet Kazakh schools, 1920-1936 S. Musin Sov. pedag. 25 no. 8 111-120 Ag '61

KAZAKHSTAN—EDUCATION, HIGHER
Work of institutions of higher learning according to the new system gives excellent results K. B. Bilialov Vest. vys. shkoly 19 no. 8 22-23 Ag '61.

KAZAKHSTAN—ELECTRIFICATION
Total electrification of Kazakhstan L. Selemenova Koop. Kazakh. 4 no. 5/6 68-70 My-Je '61

KAZAKHSTAN—FARM MECHANIZATION—STUDY AND TEACHING
Great tasks and great responsibility. I. Afonov. Prof.-tekh. obr. 18 no. 5 1-2 My '61

KAZAKHSTAN—FAULTS (GEOLOGY)
Formation of faults transversally oriented to folds F. M. Nekrasov Trudy IGiLM no. 41 110-143 '61

KAZAKHSTAN—FORESTS AND FORESTRY
Forests and forestry research in Kazakhstan S. N. Uspenskii Vest. sel'khoz. nauki [Kazakh.] 4 no. 6. 58-64 Je '61

KAZAKHSTAN—GEOGRAPHY
What is known about the geography of Kazakhstan N. N. Pal'gov Trudy Otd. geog. AN Kazakh SSR no. 8 3-26 '61

KAZAKHSTAN—GRAIN
Achievements of agricultural science in the development of grain production in Kazakhstan V. I. Kovalenko. Vest. sel'khoz. nauki [Kazakh.] 4 no. 6 12-18 Je '61

KAZAKHSTAN—GRAIN—STORAGE
Economic efficiency of postharvest processing and temporary storage of grain on state and collective farms V. Nasonov Vest. sel'khoz. nauki [Kazakh.] 4 no. 5: 9-13 My '61

KAZAKHSTAN—GRAPHIC ARTS
Graphic arts in Kazakhstan G. Saiykulova Izv. AN Kazakh SSR Ser. filol. i fisk. no. 2 67-77 '61.

KAZAKHSTAN—GRASSES
Perennial grasses in forage production of northern Kazakhstan. A. M. Golubev. Vest. sel'khoz. nauki [Kazakh.] 4 no. 1. 24-30 Ja '61.

KAZAKHSTAN—HISTORICAL RESEARCH
The 30th anniversary of the Institute of the History of the Communist Party attached to the Central Committee of the Communist Party of Kazakhstan Vop. ist. KPSS 5 no. 5 228-231 '61

KAZAKHSTAN—IRRIGATION FARMING
Water from artesian wells for irrigating the semidesert zone of Kazakhstan [with summaries in English, German, and French]. IU. I. Kirillov and others. Vest. sel'khoz. nauki 6 no. 8:90-98 Ag '61.

KAZAKHSTAN—LAND SETTLEMENT
From the history of the settlement and agricultural development in Kazakhstan I. M. Nazarenko Trudy Otd. geog. AN Kazakh SSR no. 8 27-52 '61.

KAZAKHSTAN—LAW
Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut filosofii i prava. [History of the state and law of Soviet Kazakhstan] Istoriia gosudarstva i prava Sovetskogo Kazakhstana. Pod red. S. Z. Zimanova i M. A. Bindera. Alma-Ata,
Vol. 1. 1917-1925 gg. 1961. 446 p.

KAZAKHSTAN—LOTUS, FOSSIL
Impressions of Nelumbo leaves from Tertiary deposits of Kazakhstan. Ig. V. Vasil'ev Paleont. zhur. no. 1: 139-143 '61.

KAZAKHSTAN—MAMMALS, FOSSIL
Biological and paleozoogeographical characteristics of the Indricotherian fauna. K. K. Flerov. Paleont. zhur. no. 1:12-22 '61.

KAZAKHSTAN—MERCANTILE BUILDINGS—FIRES AND FIRE PREVENTION

Present fires. G. Danilov. Koop. Kazakh. 4 no. 5/6 66-67 My-Je '61.

KAZAKHSTAN—ORE DEPOSITS

Some characteristics of the geology of the Alaygyr ore field (Central Kazakhstan). E. F. Burshtein. Izv. vyssh. ucheb. zav., geol. i razv. 4 no. 7 93-98 Jl '61.

Structural characteristics of some ore fields associated with folding (Kazakhstan). V. V. Kolesnikov, I. Z. Korin. Trudy IGI'M no. 41 85-98 '61.

KAZAKHSTAN—PLANTS, PROTECTION OF

Scientific research in the protection of plants in Kazakhstan. Zh. T. Dzhembaev. Vest. sel'khoz. nauki [Kazakh.] 4 no. 6 26-35 Je '61.

KAZAKHSTAN—POLITICS AND GOVERNMENT

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut filosofii i prava. [History of the state and law of Soviet Kazakhstan] Istoriia gosudarstva i prava Sovetskogo Kazakhstana. Pod red. S. Z. Zimanova i M. A. Sindera. Alma-Ata.
Vol. 1. 1917-1925 gg. 1961. 416 p.

KAZAKHSTAN—POWER ENGINEERING

Developing the power supply and raw material base of heavy industry in Kazakhstan during the years of the Great Patriotic War. V. IA. Basin. Izv. AN Kazakh. SSR Ser. ist., arkheol. i etn. no. 1 19-31 '61.

KAZAKHSTAN—PRECAST CONCRETE CONSTRUCTION

The future belongs to large-panel house construction. I. Kapustianskii. Nar. khoz. Kazakh. 19 no. 8 41-14 Ag '61.

KAZAKHSTAN—PRICES

Improve the practice of price determination steadily. D. Kokaulin. Nar. khoz. Kazakh. 19 no. 8 54-58 Ag '61.

KAZAKHSTAN—PRODUCE TRADE

Republic-wide cooperative marketing section has been established. Koop. Kazakh. 4 no. 5/6 50-51 My-Je '61.

KAZAKHSTAN—RAILROADS—SNOW PROTECTION AND REMOVAL

Helicopter over railroad tracks. A. G. Statenin. Put' i put. khoz. 5 no. 7 36 Jl '61.

KAZAKHSTAN—RAW MATERIALS

Developing the power supply and raw material base of heavy industry in Kazakhstan during the years of the Great Patriotic War. V. IA. Basin. Izv. AN Kazakh. SSR Ser. ist., arkheol. i etn. no. 1 19-31 '61.

KAZAKHSTAN—RECLAMATION OF LAND

Reclamation of virgin land and problems of agricultural specialization. A. Belov. Vop. ekon. no. 9 92-101 S '61.

Reclamation of virgin lands as a factor in strengthening the alliance between the working class and collective farm peasantry. I. Shamshatov. Izv. AN Kazakh. SSR Ser. ist., arkheol. i etn. no. 1 3-10 '61.

KAZAKHSTAN—RESTAURANTS, LUNCHROOMS, ETC.

Let's strengthen and develop the sprouts of communism. Utegali Shedenov. Koop. Kazakh. 4 no. 5/6 59-63 My-Je '61.

Winners should have premiums. G. Demchenko. Koop. Kazakh. 4 no. 5/6 11 My-Je '61.

KAZAKHSTAN—RETAIL TRADE

Conducting a competition on the extensive development of new forms of trade in stores of cooperative societies. Koop. Kazakh. 4 no. 5/6 75 My-Je '61.

KAZAKHSTAN—REVOLUTION, 1917-1921

Internationalists in the struggle for the Soviet regime in Kazakhstan at the beginning of the civil war. A. S. Elagin, V. S. Poznanskii. Izv. AN Kazakh. SSR. Ser. ist., arkheol. i etn. no. 1 32-41 '61.

KAZAKHSTAN—RICE

Outlook for rice culture in irrigated soils of Kazakhstan. D. Sarykulov. Gidr. i mel. 13 no. 3 27-33 Mr '61.

KAZAKHSTAN—ROCKS, IGNEOUS

Shevchenko, E. V. [Structural and petrographic features of some Permian plutonic rocks of central Kazakhstan] Strukturnye i petrograficheskie osobennosti nekotorykh permskikh plutonov tsentral'nogo Kazakhstana. [L'vov] Izd-vo L'vovskogo gos. univ., 1951. 262 p. (NN)

KAZAKHSTAN—RUNOFF

Map of the annual average runoff of eastern Kazakhstan rivers. I. S. Sosedov, B. M. Boldyrev. Trudy Otd. geog. AN Kazakh SSR no. 8 162-173 '61.

KAZAKHSTAN—SELF-SERVICE STORES

More convenience and service for the customers. M. Servatskii. Koop. Kazakh. 4 no. 5/6 29-32 My-Je '61.

KAZAKHSTAN—SERVICE INDUSTRIES

Carrying out the resolution of the Central Committee of the Communist Party of Kazakhstan and the Council of Ministers of the Kazakh S. S. R. "Measures for the improvement of service industries." Koop. Kazakh. 4 no. 5/6 76-77 My-Je '61.

KAZAKHSTAN—SHEEP

Production costs of lamb on state farms of Kazakhstan. V. A. Abdullin. Vest. sel'khoz. nauki [Kazakh.] 4 no. 2 3-12 F '61.

KAZAKHSTAN—SILVER FOX—FEEDING AND FEEDS

Use of local feed. IU. Patskin. Koop. Kazakh. 4 no. 5/6 61-65 My-Je '61.

KAZAKHSTAN—SNOW

Characteristics of the formation of snow covering in Kazakhstan plains. A. T. Kuznetsov. Trudy Otd. geog. AN Kazakh. SSR no. 8 147-161 '61.

KAZAKHSTAN—SOCIALIST COMPETITION

We shall create an abundance of agricultural products. Kan De Khan. Ekon. sel'khoz. 32 no. 8 64-69 Ag '61.

KAZAKHSTAN—SUGAR BEETS

Industrial crops in Kazakhstan during forty years. G. Z. Bliashev, M. Kh. Muratov. Vest. sel'khoz. nauki [Kazakh.] 4 no. 6 19-26 Je '61.

Sugar beet as forage plant. G. Z. Bliashev, A. I. Azhkeev. Vest. sel'khoz. nauki [Kazakh.] 4 no. 5 14-19 My '61.

KAZAKHSTAN—SUGAR INDUSTRY

Scientific and technical conference on the sugar industry. A. Gal'perin. Sakh. prom. 35 no. 8 71-72 Ag '61.

KAZAKHSTAN—SWEET CLOVER

Sowing sweet clover in Kazakhstan. V. P. Chernogolovin. Vest. sel'khoz. nauki [Kazakh.] 4 no. 5 19-24 My '61.

KAZAKHSTAN—VETERINARY RESEARCH

Development of veterinary medicine in Kazakhstan. D. K. Karabaev. Vest. sel'khoz. nauki [Kazakh.] 4 no. 6 41-52 Je '61.

KAZAKHSTAN—WATER SUPPLY ENGINEERING

Establish water supply systems on extensive pasture areas. M. Zozulia. Nar. khoz. Kazakh. 19 no. 8 73-77 Ag '61.

KAZAKHSTAN—WHEAT—HARVESTING

Wheat harvesting time in northern Kazakhstan. V. P. Kuz'min. Vest. sel'khoz. nauki [Kazakh.] 4 no. 2 18-24 F '61.

KAZAKHSTAN—WOOL INDUSTRY

Contest for the fulfillment of the annual plan of state wool deliveries by the purchasing organizations of cooperative societies ahead of time. Koop. Kazakh. 4 no. 5/6 77-78 My-Je '61.

KAZANSKII, BORIS ALEKSANDROVICH, 1891-

Celebration in honor of Academician B. A. Kazanskii. Vest. AN SSSR 31 no. 8 104 Ag '61.

KAZBEG REGION—SOLAR RADIATION

Radiation balance in the high-mountain zone of Kazbeg. Sh. V. Mosidze. Trudy Tbil. NIGMI no. 7 71-92 '60.

Scattered atmospheric radiation at the high-mountain meteorological station of Kazbeg. P. A. Rukhadze. Sbor. rab. Tbil. gidromet. observ. no. 1 69-74 '60.

KELDYSH, MSTISLAV VSEVOLODOVICH, 1911-

Mstislav Vsevolodovich Keldysh, president of the Academy of Sciences of the U. S. S. R. Mat. v shkole no. 4 70-71 Jl-Ag '61.

KELES REGION—BENTONITE

Keles bentonites as seepage preventing material for irrigation canals of the Golodnaya Steppe. M. Zakirov. Mat. po proizv. sil. Uzb. no. 15, 197-204 '60.

KELLEROVKA DISTRICT—RETAIL TRADE

Plan is overfulfilled. P. Rzhevskii. Koop. Kazakh. 4 no. 5/6 13 My-Je '61.

KENDERLYK VALLEY—COAL GEOLOGY

Characteristics of lower Mesozoic coal-bearing sediments in the Kenderlyk trough. L. F. Beliankin, I. B. Volkova. Trudy Lab. geol. ugl. no. 12, 235-246 '61.

Conclusion. Trudy Lab. geol. ugl. no. 12, 247-248 '61.

Evaluating of lower Mesozoic coal potentials of the Kenderlyk trough. L. F. Beliankin. Trudy Lab. geol. ugl. no. 12 246-247 '61.

Geological characteristics of lower Mesozoic sediments in the Kenderlyk trough. L. F. Beliankin, V. V. Vorontsov. Trudy Lab. geol. ugl. no. 12 188-199 '61.

Lithofacies characteristics of lower Mesozoic sediments. L. F. Beliakin, V. V. Vorontsov, I. B. Volkova. Trudy Lab. geol. ugl. no. 12, 199-207 '61.

Paleontological characteristics of lower Mesozoic sediments in the Kenderlyk trough. V. S. Zaspelova, G. M. Koval'chuk. Trudy Lab. geol. ugl. no. 12 207-231 '61.

Short review of the history of the study of lower Mesozoic sediments in the Kenderlyk trough. L. F. Beliankin, V. V. Vorontsov. Trudy Lab. geol. ugl. no. 12 187-188 '61.

KENDERLYK VALLEY—GEOLOGY, STRUCTURAL

Tectonic movements in the lower Mesozoic in the area of the Kenderlyk trough. L. F. Beliankin. Trudy Lab. geol. ugl. no. 12 232 '61.

KENDERLYK VALLEY—PALEOGEOGRAPHY

Paleogeography of the Kenderlyk trough during the lower Mesozoic sedimentation. V. V. Vorotsov. Trudy Lab. geol. ugl. no. 12 232-231 '61.

KENTAU—EXCAVATING MACHINERY

Information. Nar. khoz. Kazakh. 19 no. 8 95 Ag '61.

Production improvement is a guarantee of success. A. Malykhin. Nar. khoz. Kazakh. 19 no. 8, 21-23 Ag '61.

KENYA—MAU MAU

The armed struggle of the Kenyan Africans against English colonizers, from 1952 to 1956. L. L. Kruglov. Krat. soob. Inst. nar. Azii no. 48 46-71 '61.

KERAMZIT

Effect of various reducing agents on the bloating process of clayey soil of East Kazakhstan. V. V. Vershinina. Trudy Alt. GMNII AN Kazakh. SSR 11 119-124 '61.

Experimental and industrial testing of the keramzit manufacturing process from shale. V. V. Vershinina, G. A. Shlapak. Trudy Alt. GMNII AN Kazakh. SSR 11 130-134 '61.

KERCH—WORLD WAR, 1939-1945

It was near Kerch. K. Pleatsov. Voen. vest. 41 no. 5 20-21 My '61.

KERCH PENINSULA—GEOMORPHOLOGY

Geomorphological structure of the Kerch Peninsula. T. B. Aleksandrova-Kyl. Geog. zhiz. no. 4 163-172 '61.

KERCH PENINSULA—IRON ORES

Conference on the metallurgy of Kerch Peninsula ores and on pelletizing. A. P. Obog. rud. 4 no. 1 49-51 '59.

Ore oolite formation during the accumulation of product of mud volcanism. V. F. Malakhovskii. Dokl. AN SSSR 139 no. 6 1214-1217 Ag '61.

Structural characteristics of iron ores in the Kerch deposit [with summary in English]. B. H. Nevoina. Dop. AN URSR no. 7 951-954 '61.

KERCH PENINSULA—LANDSLIDES

Slides on the shores of the Kerch Peninsula. I. H. Ilina. Geog. zhiz. no. 4, 173-180 '61.

KERCH PENINSULA—ORE DRESSING

Pilot plant for the magnetic roasting of the Kerch Peninsula brown ores. B. A. Petrukhin. Obog. rud. 4 no. 56 '59.

KERCH PENINSULA—SCYTHIAN ANTIQUITIES

Local features on Scythian culture in central Crimea and the Kerch Peninsula. T. N. Troitskaia. Izv. Krym. ot. Geog. ob-va no. 4 67-76 '57.

KERCH REGION—INSCRIPTIONS, GREEK

Unknown inscriptions of the Cimmerian Bosporus. A. Boltunova. Num. i epig. no. 1 199-207 '60.

KERMADEC DEEP—HYDROLOGY

Some data on the hydrology of the Tonga and Kermadec Deeps. V. V. Leont'eva. Trudy Inst. okean. 40 72-82 '60.

KETONES

Addition of thiophenol to β-cyan vinyl ketones. A. N. Nesmeianov, L. V. Rybin, M. I. Rybinskaia. Izv. AN SSSR, Otd. khim. nauk no. 8 1451-1453 Ag '61.

Conjugated systems. Part 141. Addition of hydrogen bromide to butynone and vinylacetylene ketones. V. I. Nemirovskii, L. F. Chelpanova, A. A. Petrov. Zhur. khim. 31 no. 8 2552-2559 Ag '61.

Hydrogenation of iso- and n-butyl phenyl ketones on a nickel-kieselguhr catalyst. M. R. Musaev. Azerb. khim. zhur. no. 2 99-101 '60.

New method of synthesizing macrocyclic ketones having a musk odor. L. I. Belen'kii, S. Z. Taits, IA. L. Gol'farb. Dokl. AN SSSR 139 no. 6 1356-1358 Ag '61.

Organizing the production of methyl ethyl ketone. D. V. Mushenko, N. E. Vishnevskii, D. V. Mairov. Khim. i tekh. topl. i masel 6 no. 8 60-67 Ag '61.

Reactions of phosphines. Part 1. Reactions of aliphatic phosphines with aldehydes and ketones. K. A. Petrov, V. A. Parshina. Zhur. ob. khim. 31 no. 8 2729-2731 Ag '61.

Reactions of phosphorous acid cyclic esters with α-hydroxy ketones. A. N. Pudovik, G. P. Medvedeva, V. I. Kochkova. Zhur. ob. khim. 31 no. 8 2655-2656 Ag '61.

Vapor phase catalytic ketonization of CH_3COOH over oxides of tetravalent metals and BeO. V. I. IAkerson and others. Izv. AN SSSR Otd. khim. nauk no. 8 1527-1528 Ag '61.

KETS—FUNERAL RITES AND CEREMONIES

Burial customs of the Kets. B. O. Dolgikh Sov. arkheol 5 no. 3,102-112 '61

KHABAROVSK—CITY PLANNING

Basic problems in the development of the city of Khabarovsk N Solofnenko. Arkhit. SSSR no 6 16-17 '61

KHABAROVSK—FINISHES AND FINISHING

Combining of trades in an integrated brigade L. Tanenin Na stroi. Ros no 7 18 Jl '61

KHABAROVSK—GUIDEBOOKS

[Khabarovsk, short guide] Khabarovsk, sputnik turista. [Khabarovsk, Khabarovskoe knizhnoe izd-vo, 1960] 62 p. [Parallel texts in Russian and English.]

KHABAROVSK TERRITORY—AERONAUTICS IN AGRICULTURE

Above the northern virgin lands. L Malanchev. Grazhd av 18 no 8 11 Ag '61

KHABAROVSK TERRITORY—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

The highest principle of party leadership. A. Kravchenko. Part zhizn' no 17 37-14 S '61

KHABAROVSK TERRITORY—PETROLOGY

Petrogeochemical criteria of the relationship between mineralization and granitoids as exemplified by the Mya-Chanskiy region M. G. Rub, V. V. Onikhimovskii, B. V. Makeev. Izv AN SSSR. Ser. geol. 26 no. 9 3-23 S '61.

KHAKASS AUTONOMOUS PROVINCE—IRON MINES AND MINING—FIRES AND FIRE PREVENTION

Those who help us A Serebrov Pozh delo 7 no. 8,12 Ag '61

KHANEGYA REGION—ANTIQUITIES

Medieval monuments near Khanegya, on the Pirsagat River. V IA Garnik Dokl AN Azerb SSR 17 no. 6 541-546 '61

KHANLAR DISTRICT—BENTONITE

Possibility of using bentonite clays on the Khanlar deposit as a molding material A M Mamedaliev Dokl. AN Azerb. SSR 17 no 5 485-488 '61

KHARKOV—ART SCHOOLS

A "popular university of the arts" V Viktorov Sots kul't no 8 29-30 Ag '61

KHARKOV—AUTOMOBILES—MAINTENANCE AND REPAIRING

Beginning of a big and important undertaking N. E. Gubenkov. Nauka i zhizn' 28 no 7;37-38 Jl '61

KHARKOV—CITY PLANNING

New microdistrict in Pavlov Field in Kharkov. L Tkal'pa. Stroi i arkhit 9 no 7-5-7 Jl '61.

KHARKOV—DIESEL LOCOMOTIVES

Designers mobilize resources IU. Nezym. NTO 3 no. 9 22-23 S '61.

KHARKOV—MACHINE TOOLS

New machine tools manufactured at the Kharkov Machine-Tool Plant. I. T. Frantsuzov. Stan. i instr. 32 no. 9 20-24 S '61.

KHARKOV—POLITICS AND GOVERNMENT

What will be the results of the extension of rights? A. Radzivilov. Sov. deput trud no. 9,61-64 S '61.

KHARKOV—TECHNICAL EDUCATION

Qualified technicians are on their way. I. Sergeev. Obshchestv pit no 6-38-39 Je '61.

years old. V. H. 5;158 S-O '61.

Movenko. Znan. ta

gonek 39 no. 26;16 Je

TURE—LABOR

f its increase in state
khа. A. I. Zakharov.

nichii, M. S. Zaitsev.

TIVE FARMS—COSTS

ve-farm production.
II 25;27-40 '60.

TIVE FARMS—FINANCE

omic relations of collec-
s and organizations.
.41-63 '60.

KHARKOV PROVINCE—CONSTRUCTION INDUSTRY

Teams of Communist Labor at construction projects under the administration of the Kharkov Economic Council. E. Gubar' Stroi i arkhit 9 no 8 3 Ag '61

KHARKOV PROVINCE—PATHOANATOMICAL SOCIETIES

Work of the Kharkov Province Pathoanatomical and Pathophysiological Society for 1958 Arkh pat. 21 no 6;85-87 '59.

KHARKOV PROVINCE—STEAM POWER PLANTS

Birth of an electric giant. G. Vladimirov, R. Polons'kii. Znan. ta pratsia no 7;10-11 Jl '61

KHAUDAG—PETROLEUM—ANALYSIS

Sulfur organic compounds of petroleums from the southern part of Central Asia Report No 1 Sulfur organic compounds of petroleums from the Kazyl-Tumshuk and Khaudag deposits L U Nunnanov and others Izv Otd geol -khim. i tekh nauk AN Tadzh SSR no 1 69-78 '59

KHERSON—AGRICULTURAL MACHINERY INDUSTRY

The drawing power. V. Liutikov Sov. profsoiuzy 17 no 18 8-11 S '61

KHERSON—REED PRODUCTS

Highly compacted reed planks in housing construction. A. Lebkov Zhil stroi no 8 19-21 Ag '61

KHERSON PROVINCE—AFFORESTATION

Green ally. Anatolii Chlenov. Vokrug sveta no. 8;53-55 Ag '61.

KHERSON PROVINCE—EDUCATIONAL ASSOCIATIONS

Our educational association M S Cherniavs'kyi Rad shk 40 no 7 94 Jl '61

KHETAGUROV, KONSTANTIN LEVANOVICH, 1859-1906

What Kosta means to the Ossetic people. V. I. Abaev. Izv. IUgo-Oset. nauch.-issl. inst. no. 10, 72-80 '60.

KHLOPIN, VITALII GRIGOR'EVICH, 1890-1950

Akademiia nauk SSSR. Arkhiv. [Letters from V. G. Khlopin to V. I. Vernadskii. 1916-1943) Pis'ma V. G. Khlopina k V. I. Vernadskomu, 1916-1943. Sost. L. L. Zaitseva i B. V. Levshin. Pod obshchei red. V. I. Baranova i N. G. Khlopina, 1961. 88 p.

KHMEL'NITSKIY DISTRICT—COLLECTIVE FARMS—ACCOUNTING

For the reliability of collective farm state reports. A. IA. Strutz. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 9 16-18 S '61.

KHMEL'NITSKIY PROVINCE—AGRICULTURE—EXPERIMENTATION

Let's develop research in the student brigades S D Babyshyn. Rad shk. 40 no 6 59-63 Je '61.

KHMEL'NITSKIY PROVINCE—FORAMINIFERA, FOSSIL

Some shallow-water and "deep-water" foraminifers from Miocene deposits of Podolia V A Krasheninnikov Vop. mikropaleont no 5 162-182 '61.

KHOROL DISTRICT—COMMUNITY CENTERS

[Club aids collective-farm production] Klub—kolkhoznomu proizvodstvu; iz opyta raboty Teletskogo sel'skogo kluba Trubchevskogo raiona Brianskoi oblasti i kluba kolkhoza imeni Stalina Khorol'skogo raiona Primorskogo kraia, Moskva, Izd-vo "Sovetskaia Rossiia." (Bibliotechka sel'skogo klubnogo rabotnika, no. 6) No. 2. 1961. 42 p.

KHOVRINO (MOSCOW PROVINCE)—LOCOMOTIVES—MAINTENANCE AND REPAIR

The new program inspires. N. Neskorod'ev. NTO 3 no. 9;18-19 S '61.

KHRAM RIVER—HYDROLOGY

The technique of forecasting the streamflow of the Khram River for periods of various length V. N Rukhadze Shor rab Tbil. gidromet obser. no 1 87-93 '60

KHRAM VALLEY—ROCKS, CRYSTALLINE AND METAMORPHIC

Ancient sedimentary metamorphic rocks of the Khram crystalline massif. M. B. Abesadze, D. M. Shengelia Soob AN Gruz SSR 26 no 5 527-530 My '61

KHRUSHCHEV, NIKITA SERGEEVICH, 1894-

Always with the people. A. Volzhskaia. Ogonek 39 no. 25, 2 Je '61.

Comrade N. S. Khrushchev in Byurakan [in Armenian]. Izv. AN Arm. SSR. Biol. nauki 14 no. 6;3-5 '61.

Decree of the Presidium of the Supreme Soviet of the U. S. S. R., In the Presidium of the Supreme Soviet of the U. S. S. R. Nauka i zhyttia 11 no. 7;10 Jl '61

It was in cruel years. Ogonek 39 no. 26;2-4 Je '61.

Sign of our times ("The awakened East; notes of Soviet newspapermen on N. S. Khrushchev's visit to India, Burma, Indonesia, and Afghanistan" by A. Adzhubei and others. Reviewed by V. Zakharchenko) Komm Vooruzh. Sil 1 no. 3;86-90 F '61.

KHRUSHCHEV, NIKITA SERGEEVICH, 1894—BIBLIOGRAPHY see Bibliography—Khrushchev, Nikita Sergeevich, 1894-

KHULO DISTRICT—BARK BEETLES

Bark beetles from the high mountains of Adzharia [with summary in English]. IA. S. Dzhambazishvili. Zool. zhur. 40 no. 8 1253-1254 Ag '61.

KHUST DISTRICT—SOCIAL GROUP WORK

We approve this valuable initiative IU Shtenhel' and others Sots kul't no 8 24 Ag '61

KHUST DISTRICT—UKRAINIAN LANGUAGE—DIALECTS

Interrelationship of the dialects of the Khust District with other dialects of Transcarpathia V I. Oros Dop ta pov. UzhDU. Ser. filol. no 2 71-73 '58

Some lexical characteristics of the Khust dialects V. I. Oros Dop ta pov UzhDU. Ser filol no 2 74-77 '58

KIDNEYS

Activation of cells after kidney injury [with summary in English] N F Semenova Biul eksp biol. i med 51 no 4 122-126 Ap '61

Changes in the functional activity of kidneys in dogs during chronic radiation sickness induced by strontium-90, Z. I. Poluboiarinova. Radiobiologiia 1 no. 3;372-377 '61.

Histochemical study of the distribution of succinic dehydrogenase in the kidney. K A Zufarov, S S Chizhova, E K Shishova TSitologiia 3 no. 4;474-476 Jl-Ag '61.

Morphology of the lymphatic system of kidneys [in Georgian with summary in Russian]. M IA Tatishvili Trudy Inst eksp morf AN Gruz SSR 8 261-268 '60

Secretion of the epithelium of the collecting tubules under the influence of the antidiuretic hormone [with summary in English]. T V Krestinskaia Biul eksp. biol i med. 51 no. 5 7-11 My '61

KIDNEYS—ABNORMITIES AND DEFORMITIES

Case of a horseshoe-shaped kidney [in Georgian with summary in Russian]. N. M. Mamporia Trudy Inst. eksp morf AN Gruz SSR 8 235-240 '60.

KIDNEYS—BLOOD VESSELS

Intraorganic relationships of the venous system of kidneys [in Georgian with summary in Russian] M. IA. Tatishvili. Trudy Inst. eksp. morf. AN Gruz. SSR 8 105-112 '60.

KIDNEYS—DISEASES

Diet in nephrolithiasis. V. Nikolaeva. Obshchestv. pit. no. 6;52-55 Je '61

KIDNEYS—INNERVATION

Effect of acetylcholine on the function of the transplanted kidney. A. A. Lebedev. Fiziol zhur. 47 no 8;1062-1067 Ag '61.

KIDNEYS—TRANSPLANTATION

Efferent nerves in a transplanted re-innervated kidney [with summary in English]. A A Lebedev. Biul eksp biol i med 51 no 4 8-12 Ap '61.

KIEV—AIRPORTS

Plan of an airport terminal in Kiev A. Malinovskii, IU. Evreinov Stroi. i arkhit. 9 no. 7,12-15 Jl '61

KIEV—BRAIN—SURGERY

Surgeon invades the brain. O. Petrova. Znan. ta pratsia no. 9;22-24 S '61.

KIEV—CATHEDRALS

New data on the Dmitrievskii Monastery Cathedral in Kiev. IU. S. Aseev. Sov. arkheol. 5 no 3;291-296 '61

KIEV—CITY PLANNING

First-draft designs and plans for the construction of residential complexes I. Fomin. Arkhit. SSSR no. 7;21-27 '61.

KIEV—COOPERATIVE SOCIETIES

Specialization of enterprises and the concentration of production in the local industry; using the Kiev Producer's Cooperative as an example. M. G. Kolodnyi. Nauch. zap. Kiev. fin.-ekon. inst. no. 9;61-79 '59.

KIEV—DESCRIPTION

Davydov, A. I. [The growth and rapid development of the socialist city of Kiev] Roste i kvitne sotsialistychnyi Kyiv. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1961. 133 p.

KIEV—DISTRIBUTIVE EDUCATION

In cooperation with practice. V. Zadorozhnyi. Sov. torg. 34 no. 8;9-12 Ag '61.

KIEV—ECONOMIC CONDITIONS

Davydov, A. I. [The growth and rapid development of the socialist city of Kiev] Roste i kvitne sotsialistychnyi Kyiv. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1961. 133 p.

KIEV—MEDICINE, MILITARY

Conference of physicians of the Kiev Military District. P. P Gnatko, N. M. Soldatov. Voen.-med. zhur. no. 6;93-94 Je '61.

KIEV—MOTORCYCLE INDUSTRY—LABOR PRODUCTIVITY

Basis for increasing labor productivity in an industrial enterprise; based on the Kiev Motorcycle Plant materials. S. F. Pokropivnyi. Nauch. zap. Kiev. fin.-ekon. inst. no. 9 33-47 '59

KIEV—PRECAST CONCRETE CONSTRUCTION

Efficiency of using large panels in housing construction. A. I. Fedorov. Nauch. zap. Kiev. fin.-ekon. inst. no. 9: 20-32 '59

KIEV—PUBLIC BUILDINGS

Architecture of new public buildings in Kiev [with summary in English, p. 70] M. S. Kolomiets'. Visnyk ABiA URSR no. 2, 11-16 '61

KIEV—RAILROADS—STATIONS

Development of the Kiev railroad terminal. L. Chupin. Stroi. i arkhit. 9 no. 7 15-16 Jl '61.

KIEV—RESTAURANTS, LUNCHROOMS, ETC.

Creative painstaking work. Vl. Golubev. Obshchestv. pit. no. 7: 8-9 Jl '61.

Suggestions of the workers. IU. Fedotenkov. Obshchestv. pit. no. 6: 4-5 Je '61

KIEV—SUBWAYS

New elements in subway construction. L. Saprykin. Stroi. i arkhit. 9 no. 8 26-27 Ag '61

Production-line methods in the construction of subways [with summary in English, p. 70] I. D. Saprykin, V. P. Sahaidyr. Visnyk ABiA URSR no. 2: 45-50 '61

KIEV—THEATER

After the ten-day festival; remarks on the past theatrical season. N. Antonova. Sov. Ukr. 11 no. 9: 162-169 S '61.

KIEV—WORLD WAR, 1939-1945

A conference devoted to the heroic defense of Kiev. N. E. Kostritsa. Vop. ist. KPSS 5 no. 5 231-234 '61

Fifth Airborn Brigade in the defense of Kiev. A. Rodimtsev. Voen.-ist. zhur. 3 no. 8 62-69 Ag '61

Kiev, the heroic city. Nauka i zhyttia 11 no. 7: 9 Jl '61

KIEV HYDROELECTRIC POWER STATION

Dnieper, you will submit to them! Anisim Mel'nik. Sov. Ukr. 11 no. 9: 131-142 S '61.

KIEV PROVINCE—COLLECTIVE FARMS—COSTS

Basic principles for grouping expenditures on collective farms. Kh. IA. Litvin. Nauch. zap. Kiev. fin.-ekon. inst. no. 9: 197-205 '59.

KIEV PROVINCE—COLLECTIVE FARMS—FINANCE

Ways for increasing the monetary incomes of collective farms through crop growing. A. L. IAblochkin. Nauch. zap. Kiev. fin.-ekon. inst. no. 9: 183-196 '59

KIEV PROVINCE—TEACHING

Province-wide pedagogical lectures. I. S. Mishchenko. Rad. shk. 40 no. 7 95 Jl '61

KIEV PROVINCE—WORKINGWOMEN'S CLUBS

Red kerchiefs. A. Podhorets'ka. Sots. kul't. no. 8 22-23 Ag '61

KIEV REGION—WINDS

Strong winds in the region of the Kiev Air Weather Station of the Civil Air Fleet. A. S. Platnitskii. Trudy UkrNIGMI no. 26: 36-40 '61.

KIEV UNIVERSITY

[Review of the Student Scholarly Society of Kiev University] Visnyk Nauk. stud. tov. Kyiv. un. no. 1 pt. 1 '60.

KILIYSKOYE GIRLO REGION—ALGAE

Phytomicrobenthos in waters of the Danube Valley [with summary in English]. K. S. Vladimirova. Trudy Inst. gidrobiol. AN URSR no. 36: 242-263 '61.

KILIYSKOYE GIRLO REGION—BENTHOS

Zoobenthos in waters of the Danube Valley [with summary in English]. G. A. Olivari. Trudy Inst. gidrobiol. AN URSR no. 36: 264-273 '61.

KILIYSKOYE GIRLO REGION—FRESH-WATER FLORA

Aquatic vegetation in the Kiliya Delta of the Danube River [with summary in English]. K. K. Zerov. Trudy Inst. gidrobiol. AN URSR no. 36: 37-49 '61.

Vegetation in limans of the Danube Valley [with summary in English]. K. K. Zerov. Trudy Inst. gidrobiol. AN URSR no. 36: 210-221 '61.

KILIYSKOYE GIRLO REGION—LAGOONS

Physicogeographical survey of limans of the Danube Valley [with summary in English]. K. S. Vladimirova, K. K. Zerov. Trudy Inst. gidrobiol. AN URSR no. 36: 185-193 '61.

KILIYSKOYE GIRLO REGION—PHYTOPLANKTON

Phytoplankton in waters of the Danube Valley [with summary in English]. IA. V. Roll. Trudy Inst. gidrobiol. AN URSR no. 36: 222-229 '61.

KILIYSKOYE GIRLO REGION—SILT

Organic matter in the bottom deposits of limans of the Danube Valley [with summary in English]. M. B. Fel'dman. Trudy Inst. gidrobiol. AN URSR no. 36: 201-209 '61.

KILIYSKOYE GIRLO REGION—WATER—COMPOSITION

Hydrochemical characteristics of waters of the Danube Valley [with summary in English]. M. V. Tovbin, M. B. Fel'dman, IU. G. Maistrenko. Trudy Inst. gidrobiol. AN URSR no. 36: 194-203 '61.

KILIYSKOYE GIRLO REGION—ZOOPLANKTON

Formation of zooplankton in waters of the Danube Valley [with summary in English]. M. L. Pidgaiko. Trudy Inst. gidrobiol. AN URSR no. 36: 230-241 '61.

KILNS

Conference on the intensification and automation of firing in tunnel kilns. Stroi. mat. 7 no. 8 3 of cover Ag '61

KINDERGARTEN

(see also subdivision under Ukraine)

Akademiia pedagogicheskikh nauk RSFSR, Moscow. Institut teorii i istorii pedagogiki. [Role of play in a kindergarten] Rol' igry v detskom sadu. Pod red. A. P. Usovoi. Moskva, 1961. 150 p.

Editor's mail. Sem'ia i shkola 16 no. 8: 21 Ag '61.

Foreign languages in a kindergarten. Doshk. vosp. 34 no. 9 15 S '61.

Let's give our students a thorough preparation for school. Doshk. vosp. 34 no. 8 12-14 S '61.

Lishtvan, Z. V. [Play and exercises with building materials in a kindergarten] Igry i zaniatiia so stroitel'nym materialam v detskom sadu. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 158 p.

Play-operas in kindergarten. N. I. Slonimskaia. Doshk. vosp. 31 no. 8 44-46 S '61

KINDERGARTENS

(see also subdivision under Stavropol)

Discussion of new standard plans for children's institutions. Arkhit. SSSR no. 6 3 of cover '61

"In the kindergarten of little Trakhgortsy" by K. A. Bykova, E. I. Papkovskaia. Reviewed by E. R. Devitskaia. Doshk. vosp. 31 no. 9 109-111 S '61

New standard plans for consolidated children's institutions. N. Bolkhina. Arkhit. SSSR no. 7 30-37 '61

KINDNESS

They volunteer to pay the debt of the heart. V. Rudim. Ogonek 39 no. 33, 14 Ag '61.

KINEMATICS

Dal', M. I., G. IU. Dzhanelidze, and A. S. Kel'zon. [Theoretical mechanics in exercises and problems] Teoreticheskaia mekhanika v primerakh i zadachakh. Moskva, Gos. izd-vo fiziko-matem. lit-ry.

Vol. 1. [Statics and kinematics] Statika i kinematika. Pod red. G. IU. Dzhanelidze. 1961. 472 p.

KINEMATICS—STUDY AND TEACHING

Mistakes in pedagogical literature concerning the turning of bodies. A. A. Stepanov. Fiz. v shkole 21 no. 2: 104 Mr-Ap '61

KINEMATICS OF MACHINERY see Machinery, Kinematics of

KINETICS see Motion

KIPCHAK (KHANATE) see Golden Horde

KIRGHIZISTAN—ADMINISTRATIVE AND POLITICAL DIVISIONS

[Administrative and territorial S. S. R. for July 1, 1960] Kyrgyzstan territorialdik-territorialyk bolunush karata; altynchy basylyshy. mamlekettik basmasy, 1960.

KIRGHIZISTAN—COLLECTIVE AND INSPECTION

Trust but check! K. G. Tolstoki kolkhoz. i sovkhoz. 38 no. 8:

KIRGHIZISTAN—FLOODS

Flash floods in Kirghizia. A. I Izv. AN Kir. SSR. Ser. est. i tek '60.

KIRGHIZISTAN—MINERALOGY

Relative plasticity of rocks as control. G. G. Kravchenko. '61.

KIRGHIZISTAN—STOCK AND S

Contribution of Scientists to the Kirghiziatan. R. Alybaev. V no. 8: 141-143 Ag '61.

KIRGHIZISTAN—SUGAR INDUS

Scientific and technical confer A. Gal'perin. Sakh. prom.

KIROV—MEASURING INSTRUMENTS

New measuring devices manufactured at the "Krasnyi Instrumental'shchik" Plant in Kirov. V. P. Novoselov. Stan. i instr. 32 no. 9 41 S '61

KIROV GULF—ROACH (FISH)

Age and growth of roach in Kyzyl-Agach Gulf. Z. M. Kuliev. Izv. AN Azerb. SSR Ser. biol. i med. nauk no. 6: 59-65 '61

KIROV PROVINCE—GEOLOGY, STRATIGRAPHIC

Stratigraphy of Devonian deposits in Kirov Province. S. I. Shevtsov. Dokl. AN SSSR 139 no. 5 1197-1200 Ag '61

KIROV PROVINCE—MOOSE

Winter feeding of moose in Kirov Province [with summary in English]. I. V. Aleksandrova, L. I. Krasovskii. Zool. zhur. 40 no. 8 1216-1250 Ag '61

KIROVAKAN—CHEMICAL INDUSTRIES

An outstanding efficiency promoter of the Republic. V. Nadirian. Prom. Arm. 1 no. 6 45-46 Je '61

KIROVO DISTRICT—COTTON GROWING

A routine approach to competition. V. Kudriavtsev. Part. zhizn' [Uzb.] 3 no. 12 77-80 D '60

KIROVOGRAD PROVINCE—ATHEISM

Experience of the Kirovograd Province people. I. S. Shendryk. Nauka i zhyttia 10 no. 3: 51-52 Mr '60

KIROVOGRAD PROVINCE—COMMUNIST YOUTH LEAGUE

Do you remember, comrade.... I. Demchenko, V. Gvozdetskii. Ogonek 39 no. 38: 3 S '61.

KIROVOGRAD PROVINCE—FARM MECHANIZATION—STUDY AND TEACHING

What is shown by experience. V. O. Sukhenko. Rad. shk. 40 no. 6 18-21 Je '61

KIROVOGRAD PROVINCE—NATIONAL PARKS AND RESERVES

"Veseli Bokoven'ky." M. Pshenychnyi. Znan. ta pratsia no. 7: 20-22 Jl '61

KIRZHACH—AUTOMOBILES—LIGHTING

Headlights lit in Kirzhach. V. Egorov. Za rul. 19 no. 7 4-5 Jl '61

KISHINEV—AUDITING

We are not resting on our laurels. V. Afanaskin, V. Bliashov. Fin. SSSR 22 no. 8 52-54 Ag '61

KISHINEV—FOOD INDUSTRY

"Petty" larceny. V. Morozova, F. Chashchin. Ogonek 39 no. 35 32 Ag '61.

KISHINEV—INTERNAL REVENUE

We are not resting on our laurels. V. Afanaskin, V. Bliashov. Fin. SSSR 22 no. 8 52-54 Ag '61

KISHINEV—POLITICS AND GOVERNMENT

To the utmost extent. A. Chebotarskii. Sov. deput. trud. no. 9: 64-67 S '61.

KITCHEN UTENSILS

Advice for handling equipment. G. Savrasova. Obshchestv. pit. no. 7: 20 Jl '61.

Device for cutting onions. S. Zanadvorov. Obshchestv. pit. no. 7: 34 Jl '61.

For you, housewives. V. Chernikova. Nauka i zhizn' 28 no. 8: 100-102 Ag '61

KNEE—ANKYLOSIS

Elongating arthrodesis of the knee joint G I Sautskaia Ortop., travm i protez no 6 71-73 '61

KNEE—TUBERCULOSIS

Disorder of bone growth in tuberculous gonitis B S Kuzhukh Ortop., travm. i protez. no 6 62-64 '61

KNIT GOODS INDUSTRY see subdivision under Kzyl-Orda Leningrad

KNIT GOODS INDUSTRY—LABOR PRODUCTIVITY see subdivision under Leninakan

KNITTING MACHINES

Consultation Tekst prom 21 no 7 93 Jl '61.

KNOWLEDGE, THEORY OF

Correlation between definition and the substance of a concept [with summary in English] V N Sagatovskii Vest LGU 16 no 17 85-93 '61

Theory of intuitive knowledge in the history of modern philosophy. V. F. Asmus. Vop. filos. no. 6 59-71 '61.

"Theory of social consciousness in the light of the theory of knowledge" by G M Gak Reviewed by I V Allakiiskii and others Vop filos 15 no 9:136-141 '61

KOBYSTAN—GEOLOGY, STRUCTURAL

Alyaty upland and its probable northwest and southeast extensions. S A. Astvatsaturov Azerb neft kho. 39 no 1 7-9 Ja '60

KOBYSTAN—HYDROCARBONS

Variations in the hydrocarbon composition of gases of the oil- and gas-bearing strata in the Tertiary complex of Kobystan. F. G. Dadashev, S. G Salaev Azerb neft. khoz. 39 no. 2 8-10 F '60.

KOCHERGA, IVAN ANTONOVICH, 1881-1952

Outstanding Ukrainian playwright; on the 80th anniversary of I. A. Kocherga's birth. F. Sh Ukr ist zhur 5 no. 5:160 S-O '61

KOCHKUROVO DISTRICT—MORDVINIAN LANGUAGE—DIALECTS

Phonetics of the Staro-Turdaki dialect of the Erzian-Mordvinian language V D Ob'edkin Zap Nauch-issl inst iaz., lit., ist. i ekon. no 18 114-153 '58

KOCHUBEYEVSKIY DISTRICT—SOCIALIST COMPETITION

We are fulfilling the precongress pledges successfully. A. P. Tkachenko, M L Poloshchenko, P F. Bobrovnik. Uchet i fin. v kolkhoz. i sovkhoz. 16 no. 9 9-15 S '61.

KODAKS see Cameras

KOHN, HANS, 1891-

Karlskin, Iu. S., and E. G. Plimak. [Mr. Kohn studies the "Russian soul."] Mister Kon issleduet "russkii dukh." Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961 182 p. (Protiv fal'sifikatsii istorii)

KOKCHETAV PROVINCE—STUDENT COOPERATIVES

Student cooperative society S Zhambalyiev Koop Kazakh 4 no 5/6 12 My-Je '61.

KOKKINAKI, KONSTANTIN KONSTANTINOVICH, 1910-

Reconnaissance plane of new speeds B. V Nikitin. Vest. Vozd. Fl no 6 17-20 Je '61

KOLA GULF—POLYCHAETA

The polychaete Nereis virens Sars in the Kola Gulf [with summary in English]. S. A. Mileikovskii Zool zhur 40 no 9:1421-1423 S '61.

KOLA PENINSULA—AERONAUTICS IN WILDLIFE CEN-

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Arkheologiia

electric devices
skiricheskoi
ngrad, 1960.
nicheskoi
i. Serlia:

KOMANDORSKIYE ISLANDS—BIRDS

Birds of Komandorskiye Islands and some suggestions on their efficient utilization [with summary in English] N. N. Kartashev Zool zhur 40 no 9 1395-1410 S '61

KOMI LITERATURE—HISTORY AND CRITICISM

Mikushev, A. K. [Komi literature and folk poetry] Komi literatura i narodnaia poeziia. Syktyvkar, Komi knizhnoe izd-vo, 1961. 126 p.

KONENKOV, SERGEI TIMOFEEVICH, 1874-

Children in the works of Konenkov D Mashurovskii Semlia i shkola 16 no 6 20 Je '61

KONRAD, NIKOLAI IOSIFOVICH, 1891-

Academician N I Konrad's 70th birthday Sred veka no 20 350 '61

KOPET-DAG—GEOLOGY, STRATIGRAPHIC

Miocene deposits of the western Kopet-Dag V IA Larichenkov Izv AN Turk SSR Ser fiz.-tekh., khim i geol nauk no 1 101-103 '61

KOPET-DAG—MICROPALEONTOLOGY

Microfauna of Miocene deposits in the western Kopet-Dag S. S. Lialikovich, L. P. Markova Izv AN Turk SSR Ser fiz.-tekh., khim i geol. nauk no 1 59-67 '61

KOPET-DAG—MILK VETCHES

Study of the astragals of Kopet-Dag I F Ishchenko. Izv AN Turk SSR Ser biol nauk no 1 87-88 '61

KORAN

A rare manuscript of the Koran of the 16th century V A Krachkovskaia Kratk soob inst nar Azii no 17 38-42 '61

KOREA—GEOLOGY

Kobayashi, T. [Geology of Korea and adjacent territories in China. Translated from the English Preface by T. M. Dembo] Geologiia Korei i sopredel'nykh territorii Kitaia. Moskva, Izd-vo inostr. lit-ry, 1959. 205 p.

KOREA, NORTH—COMMUNIST PARTY

Report of the Central Committee of the Korean Workers' Party to its Fourth Congress Kim Il-sŏn. Kommunist 38 no 11 93-156 S '61

KOREA, NORTH—ECONOMIC CONDITIONS

Report of the Central Committee of the Korean Workers' Party to its Fourth Congress Kim Il-sŏn Kommunist 38 no 11 93-156 S '61

KOREAN LANGUAGE—DICTIONARIES—RUSSIAN

"Korean-Russian dictionary" Reviewed by I B Nikol'skii Nar Azii i Afr no 2,211-216 '61

KOROLENKO, VLADIMIR GALAKTINOVICH, 1853-1921

Kulik, L. S. [The Siberian stories of V. G. Korolenko] Sibirskie rasskazy V. G. Korolenko. Kiev, Izd-vo Akad. nauk USSR, 1961. 58 p.

KOROVIN, KONSTANTIN ALEKSEEVICH, 1861-1939

Triumphant painting. V Voronov. Ogonek 39 no 32 8 Ag '61.

KOSHKAR (GUR'YEV PROVINCE)—OIL FIELDS—PRODUCTION METHODS

Koshkar today S Aryzgulov Neftianik 6 no 4 6 Ap '61

KOSHKARCHAY RIVER—WATER—COMPOSITION

Hydrochemical investigation of waters of the Koshkarchay River [in Azerbaijani with summary in Russian] D I Zul'fugarly, M I Abdullaeva, A I Agaev Azerb. khim zhur no. 2,69-74 '61

KOSONOGOV, ISOIF ISOIFOVICH, 1866-1922

Iosif Iosifovich Kosonogov — the scientist and pedagogue IE M Sul'zhenko Visnyk Kyiv un no 2 Ser. fiz ta khim no. 1 113-121 '59

KOSYAKINO (STAVROPOL TERRITORY)—MAMMALS, FOSSIL

Mammalian remains form the middle Pliocene of the Northern Caucasus (Kosyakino) L. K. Gabunila Paleont. zhur. no. 1 163-165 '61.

KOTSIUBYNS'KYI, MYKHAILO, 1864-1913

Writer and atheist. I F. Ostiak. Nauka i zhyttia 10 no 3,48-50 Mr '60.

KOUNRAD REGION—PETROLOGY

Experience in using microstructural analysis in studying structures of veined deposits in granitoids V. A. Pavlov Trudy IGEM no 41:184-188 '61

KOZHIM VALLEY—GEOLOGY, STRATIGRAPHIC

Mesozoic erosion surface on the western slope of the Arctic and sub-Arctic Urals. M. S. Kaletskaia, A. D. Miklukho-Maklai. Dokl. AN SSSR 139 no. 6 1425-1427 Ag '61.

KRAMATORSK—CITY PLANNING

Experimental microdistrict in Kramatorsk L. IAnovitskii. Stroi. i arkhit. 9 no 7,7-9 Jl '61.

KRASNODAR TERRITORY—CANNING INDUSTRY

For a more extensive socialist competition in honor of the 22d Congress of the CPSU Konserv prom 16 no 7,4-7 Jl '61

KRASNODAR TERRITORY—CONSTRUCTION INDUSTRY

When will we receive standard plans? N Artemov Sel'. stroi 16 no 7 28 Jl '61

KRASNODAR TERRITORY—GEOLOGY, STRUCTURAL

Some recent data on the hydrogeology and tectonics of the Veysk-Berezanskaya gas producing area S B Vagin and others Dokl AN SSSR 139 no 5 1205-1207 Ag '61

KRASNODAR TERRITORY—JAM

Introduction of modern methods for cooking jams in all canning factories I A Koval' Konserv prom 16 no 6:17-18 Je '61

KRASNODAR TERRITORY—NATIONAL PARKS AND RESERVES

They met on the bank of the Mzymta River. IU Tarnovskii Znan. ta pratsia no 19 Jl '61

KRASNODAR TERRITORY—VITICULTURE

New trends in viticulture in Krasnodar Territory G. Zaritian. Prom Arm 4 no 6:52-56 Je '61

KRASNOV, BORIS IVANOVICH

Boris Ivanovich Krasnov Prep ist v shkole 16 no 5 86-87 S-O '61

KRASNOVODSK—PETROLEUM—REFINING

Industrial capacity and its use in the Stalin Petroleum Refinery in Krasnovodsk. I. G. Karpov. Izv. AN Turk SSR. Ser. obshchestv. nauk no 4 45-51 '61.

Production funds of the Stalin Refinery Plant in Krasnovodsk. I. G. Karpov Izv AN Turk SSR, Ser obshchestv nauk no 2 61-72 '61

KRASNOYARSK—UNIVERSITIES AND COLLEGES—ENTRANCE REQUIREMENTS

Results of entrance examinations in mathematics at Krasnoyarsk institutions of higher learning. A L Lipkin, V. I Pavliuchenko, A I. Melnikov. Mat. v shkole no. 4, 27-29 Jl-Ag '61

KRASNOYARSK HYDROELECTRIC POWER STATION—CRANES, DERRICKS, ETC.

Cable crane with a span of 1100 m. for the Krasnoyarsk Hydroelectric Power Station Construction Trust, Gidr. stroi. 31 no. 8 50 Ag '61.

KRASNOYARSK TERRITORY—PNEUMONIA

Incidence of pneumonia in children in Krasnoyarsk Territory [with summary in English] E I Murashko Vop okh mat. i det 6 no 7 78-82 Jl '61

KRASNOYARSK TERRITORY—RESTAURANTS, LUNCHROOMS, ETC.

From the upper reaches to the mouth of the Yenisey River. D. Arkad'ev. Obshchestv. pit. no. 7 15-18 Jl '61.

KRASNOYARSK TERRITORY—SHIPBUILDING—LABOR PRODUCTIVITY

Balance of the expenditure of working time in industrial enterprises, from the work practice of the Krasnoyarsk and Novosibirsk Economic Councils IA Chernlavskii Vest stat no 8 9-15 '61

KRASNOYARSK TERRITORY—TIME STUDY

Chernlavskii, IA. M. [Balance of the expenditure of working time in a plant, the work practice of enterprises of Krasnoyarsk Economic Council] Balans zatrat rabochego vremeni na zavode; opyt raboty predpriiatii Krasnoiarskogo sovnarkhoza. Moskva, Gos. izd-vo planovo-ekon. lit-ry, 1961. 87 p.

KRASNOYE, LAKE—ICE—OPTICAL PROPERTIES

Some results of light measurements under ice in Lake Punnus-Yarvi. B. M. Petrov Trudy Lab ozeroved 11:80-84 '60.

KRASNOYE, LAKE—ICE ON RIVERS, LAKES, ETC.

Losses of radiant solar energy passing through the ice cover. K. A. Mokievskii. Trudy Lab ozeroved 11:85-91 '60.

KRASNOYE LAKE REGION—RUNOFF

Floods from light rainfalls and their significance in the feeding of small bodies of water in the Karelian Isthmus A. F. Izotova. Trudy Lab. ozeroved 11:92-99 '60

KRAVKOV, SERGEI VASIL'EVICH, d. 1951

Sergei Vasil'evich Kravkov. V. V. Meshkov. Svetotekhnika 7 no. 3:16-18 Mr '61.

KREMENCHUG HYDROELECTRIC POWER STATIONS—VALVES

Elimination of vibrations in the hydraulic lift of a gate valve in a water tunnel. A. V. Pirogov. Gidr. stroi. 31 no. 8 35-36 Ag '61.

KREVER, NATALIIA SAMOILOVNA

Krever, Nataliia Samoilovna. Fiz v shkole '61 no 3:5 My-Je '61

KRIVOY ROG BASIN—IRON ORES

Centrifugal-impact crushers for the reduction of Krivoy Rog iron ores. V. I. Karmazin, L. P. Shupov, V. S. Margulis. Obog. rud. 5 no. 2 35-37 '60

Preparation of open-hearth furnace sinter from Krivoy Rog iron ores. I. M. Arkhipov. Obog. rud. 4 no. 3 24-29 '59

KRIVOY ROG BASIN—ORE DRESSING

Planning of Krivoy Rog ore dressing plants. M. I. Miagkov. Obog. rud. 4 no. 1 10-22 '59

Work practices in the crushing departments of the Southern Ore-Dressing Combine no. 1. N. S. Sasov. Obog. rud. 5 no. 1 37-45 '60

KRIVOY ROG BASIN—ORE DRESSING—EQUIPMENT AND SUPPLIES

Repair and maintenance in Krivoy Rog ore-dressing combines. V. G. Svirin, D. M. Udelev. Obog. rud. 3 no. 6 33-45 '58.

KRIVOY ROG BASIN—VALLEYS

Main features in history of river valley formation in the Krivoy Rog Basin. V. D. Natarov. Geog. sbr. no. 4 65-69 '61

KRIVOY ROG DISTRICT—EDUCATION, COOPERATIVE

Planning the joint educational work of the schools and the industrial personnel. I. V. Khazan. Shkola i proizv. 5 no. 6 25-27 Je '61

KROPOTKIN, PETR ALEKSEEVICH, 1842-1921

Karpov, G. V. [P. A. Kropotkin, the explorer of the Siberian land] Issledovatel' zemli Sibirskoi P. A. Kropotkin. Moskva, Gos. Izd-vo geogr. lit-ry, 1961. 55 p. (Zamechatel'nye geografy i puteshestvenniki)

KRUCHINA REGION—MAGNETITE

Dressing of titanium-magnetites from the Kruchina deposit. S. M. Buchel'nikov, B. Z. Ludinov, V. A. Kiselev. Obog. rud. 5 no. 3:3-6 '60.

KRUPSKAIA, NADEZHDA KONSTANTINOVNA, 1869-1930

N. K. Krupskaia's letters relating to the problem of cultural revolution. Submitted by V. S. Dridzo, Z. I. Shvelidze. Ist. arkh. 7 no. 1 3-18 Ja-Ag '61

KRYPTON

Investigating the state of krypton behind a shock wave. A. P. Bronov, A. G. Sviridov, N. N. Sobolev. Opt. i spektr. 10 no. 3:312-321 Mr '61

KRYUKOVO—CITY PLANNING

Satellite city in the Kryukovo Station area. G. Dukel'skii. Stroi. i arkhit. Mosk. 9[i.e.10] no. 7 8-9 Jl '61

KRYUKOVO—FACTORIES—LOCATION

Enterprises for the new city. M. Lomovitskii, L. Diatlov. Stroi. i arkhit. Mosk. 9[i.e.10] no. 7 10-12 Jl '61

KUBA DISTRICT—FRUIT—DISEASES AND PESTS

A survey of diseases of fruit crops in Kuba District, Azerbaijan S.S.R. S. G. Abdullaev, A. A. Shifman. Izv. AN Azerb. SSR Ser. biol. i med. nauk no. 6 43-49 '61.

KUBAN—COLLECTIVE FARMS

The first collective farms in the Kuban, 1920 and the first half of 1921. O. I. Konovaliuk. Ukr. ist. zhur. 6 no. 6:78-87 N-O '61.

KUBAN—ROCK DRILLS

Practice of drilling wells with bits of reduced and small diameters. A. K. Karaev, G. A. Kovtunov. Neft. khoz. 38 no. 4 37-41 Ap '60

KUBAN—REVOLUTION, 1917-1921

Fransys, Vasyl'. [The paths of my life] Stezhkamy zhyttia, spohady. Neu-Ulm/Donau.
Book 3. [The Kuban and the Denikin Army] Kubans'kyi Kraj i denikinitiada. 1960. 350 p.

KUBAN—SUGAR BEETS—HARVESTING

Continuous harvesting of sugar beets in the Kuban. V. A. Korenkov, V. I. Bessarabov. Sakh. prom. 35 no. 8 55-59 Ag '61

KULIBIN, IVAN PETROVICH, 1735-1818

Our calendar. Nauka i zhyttia 10 no. 3:63 Mr '60.

KUNANBAEV, ABAI, 1845-1904—FICTION

Auezov, M. O. [Abai; an epic novel. Translated from the Kazakh] Abai; roman-epopeia. Moskva, Gos. Izd-vo khudozh. lit-ry, 1958. 2 v.
(CtY)

KUNITSYN, ALEKSANDR PETROVICH, 1873-1840

A. N. Kunitsyn and the Decembrists. F. N. Smirnov. Vest. Mosk. un. Ser. 5. Ist. 16 no. 5 60-69 S-O '61.

KUNTSEVO—PINS AND NEEDLES

In honor of the party congress. S. Salomatin. NTO 3 no. 9 20-21 S '61

KUNTSEVO DISTRICT—ECONOMIC CONDITIONS

Ivanova, S. P. [A newspaper editor reveals] Redaktor gazety rasskazyvaet. Moskva, Sovetskaia Rossiia, 1959. 69 p.
(MH)

KURA LOWLAND—CLAY

Results of an X-ray study of clays in the producing formation of the Kalamadyn and Alyaty spit areas of the Kura Lowland [in Azerbaijani with summary in Russian]. M. B. Kheirov, I. Kh. Madatov. Azerb. neft. khoz. 39 no. 1 9-12 Ja '60

KURA LOWLAND—DIPTERA

Variation of the diurnal activity of bloodsucking midges (Culicoides Latr.) in the Kura Lowland [with summary in English]. Sh. M. Dzhafarov. Zool. zhur. 40 no. 8 1211-1226 Ag '61.

KURA LOWLAND—FOREST SOILS

Dynamics of some nutrients in meadow-sierozem soils under forest stands in the Mil' Steppe. E. P. Shorifov, T. E. Khrizhanovskaia. Izv. AN Azerb. SSR Ser. biol. i med. nauk no. 5 109-114 '61

KURA LOWLAND—GRASSES

Results of introducing into cultivation some wild perennial forage plants under conditions of dry farming in the Shirvan Steppe, Azerbaijan S.S.R. A. Z. Guseinov. Trudy Azerb. gos. zaoch. ped. inst. 6 115-143 '59

KURA LOWLAND—HUMUS

Concentration and composition of humus and properties of humic acids in soils of the Shirvan Steppe. N. N. Igidarova. Izv. AN Azerb. SSR Ser. biol. i med. nauk no. 6: 85-92 '61.

Effect of alfalfa and cotton on the amount and composition of humus in Sierozem meadow soils of the Shirvan Steppe. S. A. Aliev. Dokl. AN Azerb. SSR 17 no. 6:515-518 '61

KURA LOWLAND—SALINE AND ALKALI SOILS

Meadow Solonetz and Solonchak soils of the Shirvan Steppe. Sh. G. Talrov. Izv. AN Azerb. SSR Ser. biol. i med. nauk no. 6:75-83 '61

KURA-TSITSE REGION—CONIFERAE, FOSSIL

Middle Oligocene conifers from the western Caucasus. V. G. Gairovonskii. Dokl. AN SSSR 139 no. 6,1163-1166 Ag '61.

KURA VALLEY—HYDROLOGY

Forecasting the volume of spring flow in rivers of the Kura Basin. L. M. Leskutova-Gegelashvili. Sbor. rab. Tbil. gidromet. observ. no. 1 94-102 '60

KURAMA RANGE—DIKES (GEOLOGY)

Dike belt of the Nichbashskoye ore deposit. G. S. Sarkisov. Trudy Uz. geol. upr. no. 1,86-92 '60

KURAMA RANGE—GEOLOGICAL TIME

New data on the age of the Akchinskaya sedimentary-volcanic series of the Kurama Range. T. A. Sikstel, B. V. Iaskovich. Trudy Uz. geol. upr. no. 1 25-29 '60

KURDISH LANGUAGE—CONGRESSES

Samarkand. Uzbekskii gosudarstvennyi universitet. Kafedra russkogo iazykoznaniia. [Linguistics conference dedicated to the 4th International Congress of Slavists; brief reports] Konferentsiia po iazykoznaniiu, posviashchennaia IV Mezhdunarodnomu s"ezdu slavistov. Kratkie soobshcheniia. Samarkand, 1958. 48 p.
(CLU)

KURGAN PROVINCE—FARM BUILDINGS—FIRES AND FIRE PREVENTION

Deeds lead to success. G. Andrennikov. Pozh. delo 7 no. 8-9 Ag '61

KURGAN PROVINCE—FROST

Synoptic conditions resulting in late spring and early fall frosts in Kurgan Province. Iu. M. Marchenko, L. S. Suprun. Shor. rab. po sinop. no. 5 57-66 '60

KURI LANGUAGE—DIALECTS

The Kimli dialect of the Lezghian language. Sh. M. Saadiev. Izv. AN Azerb. SSR, Ser. obshchestv. nauk. no. 4: 83-96 '61.

KURSK—EVENING AND CONTINUATION SCHOOLS

Night school students should be given a thorough knowledge. A. A. Evdedi. Sred. spets. obr. 8 no. 8:44-47 Ag '61.

KURSK, BATTLE OF, 1943

Everything for victory! A. Khrulev. Tyl i snab. Sov. Voor. Sil 21 no. 8 10-14 Je '61.

Letter to the editors. U. Ponomarenko. Voen.-ist. zhur. 3 no. 8:126 Ag '61.

KURSK MAGNETIC ANOMALY

Let's create the fourth metallurgical region in our country. S. Kolmakov. Kommunist 38 no. 15:81-82 O '61

KURSK MAGNETIC ANOMALY—GEOMORPHOLOGY

Quaternary sediments and geomorphology of the area of the Kursk Magnetic Anomaly. N. K. Paffengol'ts. Izv. AN Arm. SSR Geol. i geog. nauki 14 no. 3:3-21 '61

KURSK PROVINCE—HARVESTING

Harvest time. Ogonek 38 no. 32 6-7 Ag '61.

KUSTANAY—THEATER

"Sun in your hands." E. Poring. Teatr. 22 no. 9 165 S '61

KUSTANAY PROVINCE—COOPERATIVE SOCIETIES

Youth is always welcome with us. Koop. Kazakh. 4 no. 5/6 53-54 My-Je '61

Youth needs encouragement. G. Kel'bakh. Koop. Kazakh. 4 no. 5/6 56 My-Je '61

KUSTANAY PROVINCE—ECONOMIC POLICY

Main problems in the formation of the industrial complex in Kustanay Province. T. N. Agafonov. Trudy Otd. geog. AN Kazakh SSR no. 8 114-123 '61

KUSTANAY PROVINCE—GRASSES

Promising forage grass varieties at the Kustanay Experimental Station. F. Mashtakov. Vest. sel'khoz. nauki [Kazakh.] 4 no. 1:30-38 Ja '61

KUSTANAY PROVINCE—PASTURES AND MEADOWS

Establishing meadows and pastures on natural grass stands of dry valley slopes in the southwestern section of Kustanay Province. P. Velichko. Vest. sel'khoz. nauki [Kazakh.] 4 no. 1:46-49 Ja '61.

KUSTANAY PROVINCE—REED PRODUCTS

Apartment houses made of reed. Sel' stroi. 16 no. 7:30 Jl '61.

KUSTANAY PROVINCE—RETAIL TRADE

Let's be bolder in introducing new features. M. Borisov. Koop. Kazakh. 4 no. 5/6 40 My-Je '61

KUSTODIEV, BORIS MIKHAILOVICH, 1878-1927

Lapina, I. Boris Mikhailovich Kustodiev. Moskva, Izogiz, 1960. 1 v.
(MH)

KURTUSHIBINSKIY RANGE—GOLD ORES

Geological structure of the Bi-Khem gold deposit. A. V. Vlasenko. Izv. vys. uchеb. zav., tsvet. met. 4 no. 4 3-9 '61.

KUULI REGION—EVAPORATION

Evaporation of water and brines in the region of Lake Kuuli. Iu. M. Allaberdyev, O. D. Kashkarov. Izv. AN Turk. SSR Ser. fiz.-tekh., khim. i geol. nauk no. 1 45-50 '61

KUVA—TEMPLES, BUDDHIST

Buddhist temple in Kuva. V. A. Bulatova-Levina. Sov. arkheol. 5 no. 3:241-250 '61.

KUYBYSHEV—BALLET

First performance in Europe. N. Chernova. Teatr. 22 no. 9 163-164 S '61

KUYBYSHEV—PNEUMATIC-TUBE TRANSPORTATION

Using pneumatic-tube transportation in foundries of the enterprises of the Kuybyshev Economic Council. Biul. tekh.-ekon. inform. no. 8 82 '61

KUYBYSHEV—PRECAST CONCRETE

Mold production improves. D. Korostyshevskii. Na stroi. Ros. no. 7, 21-23 Jl '61.

KUYBYSHEV—PRECAST CONCRETE CONSTRUCTION

We organize our work a new way. N. Krasnitskii. Na stroi. Ros. no. 7 11 Jl '61

KUYBYSHEV—PRINTING INDUSTRY

A Palace of Printing is under construction in Kuybyshev. V. Kuchinin. Poligr. proizv. no. 8 7-8 Ag '61

KUYBYSHEV PROVINCE—AFFORESTATION

Forest-steppe in the steppes. IA. Lobanov. IUn. nat. no. 9 10-11 S '61.

KUYBYSHEV PROVINCE—RESEARCH, INDUSTRIAL

Let's work in close contact with institutions of higher learning. V. I. Smirnov. Vest. vys. shkoly 19 no. 8 64-66 Ag '61

KUZEMIN—COLLECTIVE FARMS

Karpenko's farm. O. Kuprin, M. Savin. Ogonek 38 no. 25:18-19 Je '61.

KUZNETSK BASIN—COAL MINES AND MINING

Keeping pace with our times. I. Sharavlev. Sov. shakht. 10 no. 7:5-7 Jl '61.

There where taiga forests once rustled. D. Plotnikov. Sov. shakht. 10 no. 8:16 Ag '61.

KUZNETSK BASIN—COAL MINES AND MINING—LABOR PRODUCTIVITY

The economy of workers' time as an important problem in the organization of labor in coal mines I V. Chernov Izv.Sib. otd. AN SSSR no 8 13-21 '61

Plus five hundred tons! V. Lukin. Sov. shakht. 10 no. 9 14 S '61.

KUZNETSK BASIN—COAL MINING MACHINERY

Urgent problem of the Kuznetsk Basin S Khusainova Sov shakht. 10 no 7 19-20 Jl '61

KUZNETSK BASIN—POLYZOA, FOSSIL

Titova, V. B. [Early Carboniferous polyzoans of the Kuznetsk Basin] Rannekamennougol'nye mshanki Kuznetskoi kotloviny Leningrad, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry Leningr. otd-nie, 1958. 208 p. (Leningrad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy, no. 122)

KUZNETSK BASIN—RAILROADS—FREIGHT

[For the Communist Youth League team of the seven-year plan] Za komsomol'skii sostav semiletki, pochin komsomol'tsev Kuzbassa. [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1960. 98 p.

KYUROVDAG—GEOLOGY, STRUCTURAL

Recent data on the tectonics of the northern subsidence of the Kyurovdag anticline. V. A. Levi Azerb. neft khoz. 39 no 2 5-8 F '60.

KYZYL KUM—FOLDS (GEOLOGY)

Early Mesozoic folding in the central Kyzyl Kum as illustrated by folds in the area of the Sarbatyr well K K Piatkov, I A. Pianovskaia Trudy Uz. geol upr no 1 62-51 '60

KYZYL KUM—GEOLOGICAL TIME

Age of brainless troughs in the central Kyzyl Kum A.K. Bukharin Trudy Uz. geol upr. no 1 64-65 '60

KYZYL KUM—GEOLOGY, STRATIGRAPHIC

Lower Cretaceous sediments in the northern part of the Kyzyl Kum. I A Pianovskaia, K K Piatkov Trudy Uz. geol upr no 1 46-17 '60

New data on the stratigraphy of Paleozoic sediments in the central part of the Kyzyl Kum K K Piatkov, A K Bukharin, T. I Khairullina Trudy Uz geol upr. no 1 17-25 '60.

Oligocene red beds in the southwestern Kyzyl Kum. M.N Gramm Trudy Uz geol upr no 1 56-62 '60.

KYZYL KUM—WARBLERS

Nesting of the warbler Scotocerca inquieta platyura Sev in the southwestern Kizyl Kum A K Sagitov Izv AN Turk SSR, Ser biol nauk no 1 75 '61

KYZYL-SAY REGION (ORENBURG PROVINCE)—REPTILES, FOSSIL

A new thecodont from Triassic deposits in the Orenburg area of the Ural Mountain region V G Ochev Paleont. zhur no. 1;161-162 '61.

KZYL-ORDA—KNIT GOODS INDUSTRY

Program of speed and creation. U. Bazarbaeva. Nar. khoz. Kazakh. 19 no. 8 18-20 Ag '61.

KZYL-ORDA—RUG AND CARPET INDUSTRY

Program of speed and creation. U. Bazarbaeva. Nar. khoz. Kazakh. 19 no. 8;18-20 Ag '61.

KZYL-TUMSHUK—PETROLEUM—ANALYSIS

Sulfur organic compounds of petroleums from the southern part of Central Asia. Report No 1. Sulfur organic compounds of petroleums from the Kzyl-Tumshuk and Khaudag deposits I U. Numanov and others Izv. Otd. [illegible] N Tadzh. SSR no 1 69-78 '59

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gentina; Armenia;
rkutsk; Latin America;
kistan; Turkmenistan,

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ov v 1918 godu. New
versity Project on the
ent. Paper, no. 1)

y. Vsem. prof. dvizh.

cialism. P. G. Za-
)128-143 '61.
it countries." Book
.9;140-145 S '61.

Litviakov, P. P., and N. K. Tiapkin. [Communal labor and its productivity] Obshchestvennyi trud i ego proizvoditel'nost'. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 149 p.

Organizing public labor and creating prerequisites for the transition from socialism to communism V Raud. Sots trud 6 no 8 19-28 Ag '61

Proposed program of trade union activities in defense of workers' interests and rights at the present stage Vsem prof dvizh supplement no. 8 Ag '61

Seleznev, G. K. [From workers' pockets into monopolies' safes] Iz karmanov rabochikh - v sefy monopolii. Moskva, Izd-vo "Znanie," 1961. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 10, Molodezhnaia, no 15)

Significance of the Fifth World Trade-Union Congress to the workers Vsem prof. dvizh. no. 8 7-11 Ag '61

Some tendencies to change the proportion of skilled workers in the laboring force of Soviet industry [with summary in English] I G Ponomareva Vest LGU 16 no 17 15-21 '61

Soviet section at the international labor exhibition in Turin B Fainberova Biul nauch inform., trud i zar plata 4 no 7 53-56 '61

[We were born at the right time] Ochen' vovremia my rodilis'. Moskva, Izd-vo "Pravda," 1961. 77 p. (Biblioteka "Komsomol'skoi pravdy," no. 7)

LABOR AND LABORING CLASSES—BIBLIOGRAPHY

see Bibliography—Labor and laboring classes

LABOR AND LABORING CLASSES—DWELLINGS

A and B, feuilleton. I. Kostiukov. Ogonek 39 no. 39-30-31 S '61.

Outside and inside... P. Buzmakov. Sov. shakht. 10 no. 9;13 S '61.

Sun for all. O. Shteinberg, IU. Shcheglov. Znan. ta pratsia no 7;5-7 Jl '61

LABOR AND LABORING CLASSES—EDUCATION

(see also subdivision under Ukraine)

International seminar in Tashkent. Angel Pizarro. Vsem prof. dvizh. no 8, 37-39, 43 Ag '61

Principal problems in the communist education of workers. I. I. Matveenkov, A. T. Moskalenko Izv Sib otd. AN SSSR no 7;126-129 '61

LABOR AND LABORING CLASSES—MEDICAL CARE see subdivision under Leningrad

LABOR AND LABORING CLASSES—STATISTICS

Akademiia nauk SSSR. Institut istorii. [Changes in the size and composition of the Soviet working class] Izmeneniia v chislennosti i sostave sovetskogo rabochego klassa, sbornik statei. Moskva, 1961, 371 p.

LABOR AND LABORING CLASSES IN LITERATURE

Work as an influential factor in L. N. Tolstoi's views on the national character of art G. I. Ponomarev Dop ta pov. UzhDU, Ser filol. no. 2-26-27 '58

LABOR COURTS

(see also subdivision under Bulgaria)

Commentaries to new regulations on fellow workers' courts. Sov. just. no. 17-14-15 S '61.

How to organize the work of fellow workers' courts. A Epshtein. Sov. profsoiuzy 17 no. 18 46-47 S '61.

New laws and regulations enacted by the ministries and governmental agencies of the U S S R and the Union Republics Sots zakon 38 no 9 80-93 S '61.

LABOR JOURNALISM see Journalism, Labor

LABOR LAWS AND LEGISLATION

[Amenfel'd, G. M., and V. V. Pavlov.] Principles of Soviet civil and labor law] Osnovy sovetskogo grazhdanskogo i trudovogo prava. Rekomendovano v kachestve ucheb. posobiia dlia tekhnikumov sovetskoi torgovli. Izd. 2., dop. i perer. Moskva, Gos. izd-vo torgovoi lit-ry, 1960. 438 p. (CU) (CLL)

Review of labor legislation Sots. trud 6 no. 8;143-145 Ag '61.

Zverev, I. S., and E. L. Zelenskaia. [Protection of labor in the lumbering industry] Okhrana truda v lesnoi promyshlennosti. Moskva, Goslesbumizdat, 1961. 239 p.

LABOR LAWS AND LEGISLATION—CONGRESSES

Conference on the development of Soviet labor law after the 20th and the 21st Congresses of the CPSU. G. Mutsinov. Biul. nauch inform., trud i zar plata 4 no. 7 56-59 '61.

Labor law specialists on the eve of the 22d Congress of the CPSU. Sots. trud 6 no 8 140-142 Ag '61

LABOR PASSPORTS

Instructions on the procedures for handling labor passports in enterprises, departments and organizations. Biul. Gos. kom. po vop. truda i zar. platy no. 6;17-24 '61

LABOR PRODUCTIVITY

(see also subdivision under Ukraine; Zaporozh'ye Province)

Effect of technological innovations on the increase in labor productivity. E Vorob'ev. Sots trud 6 no. 8; 69-72 Ag '61.

Hidden potentialities for increasing labor productivity in an enterprise Sots trud 6 no. 8 121-127 Ag '61

Improving the methodology for planning labor productivity in industry according to the factors involved I Denisenko Sots trud 6 no 8 30-40 Ag '61

Increase in labor productivity and its effect to reduce working time losses R Fidel'man. Sots trud 6 no 8 76-81 Ag '61

Increase labor productivity daily. A. N. Danilov Kons i ov prom 1b no 7,3d-41 Jl '61

Labor productivity and the rate of its increase in state farm production I. L. Shcherbakha, A. I. Zakharov Trudy BISKHI '5 93-116 '60

Labor productivity and the utilization of working time. V. Zamin Vop ekon. no. 9;71-80 S '61

Labor productivity and the workday during the period of large-scale building of communism T. P Alekseeva Trudy LISKHI no. 35;5-78 '61

Labor productivity under socialism. A. K. Sekerzhitskii Trudy LISI no. 35;101-177 '61

Litviakov, P. P., and N. K. Tiapkin. [Communal labor and its productivity] Obshchestvennyi trud i ego proizvoditel'nost'. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 149 p.

Moscow. Akademiia obshchestvennykh nauk. [Labor productivity problems during the period of the building of communism] Voprosy proizvoditel'nosti truda v period stroitel'stva kommunizm. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 430 p.

Studying the problems of labor productivity of aggregate labor. D. Bardin Vop. ekon. no. 9;81-86 S '61.

LABOR PRODUCTIVITY—ACCOUNTING

Moscow. Ekonomiko-statisticheskii institut. [Problems in statistics and accounting] Voprosy statistiki i ucheta. Moskva, Gosstatizdat, TsSU SSR.

No. 3. [Collection of articles on labor productivity statistics in industry] Sbornik statei po statistike proizvoditel'nosti truda v promyshlennosti. 1961. 145 p.

LABOR SUPPLY

(see also subdivision under Ukraine)

Postwar efforts to ensure the regular labor supply of lumber camps with skilled workers, from 1946 to 1955. D V Kolomin. Uch. zap TGU no. 37-209-223 '59.

Some problems in reproducing the labor force under socialism in the light of decisions by the 21st Congress of the CPSU. T. I Bobanova. Uch. zap. Kish. un. Mezhvuz. abor. po polit. ekon. no. 1-24-33 '60.

Work results of a research laboratory. V. Belkin. Prof.-tekh. obr 18 no 5,16-18 My '61

LABORATORIES—EQUIPMENT AND SUPPLIES

New demonstration instruments for the classes in mechanical engineering and physics. S. M. Bonfel'd Shkola i proizv. 5 no. 6,76-80 Je '61.

LABORATORIES, TESTING see Testing laboratories

LABORATORY ANIMALS

Laboratory animals. A. I. Metelkin. Priroda 50 no. 9 54-60 S '61.

LACTATION

Effect of the thyrotropic hormone on milk productivity in goats B N. Ermolov. Fiziol. zhur 47 no 8;1033-1040 Ag '61.

LACTONES

B-propiolactone, a new disinfectant. I. S. Ioffe, V. T. Osipian Voen.-med. zhur no. 6;52-53 Je '61.

Kinetics of the lactone ring formation of diastereomeric tetrahydroxyadipic acids. L. A. Mai. Zhur. ob. khim. 31 no 8 2640-2644 Ag '61.

Stability of 2, 3-dioxy-γ-lactone ring. L. A. Mai. Zhur. ob. khim. 31 no 8;2635-2639 Ag '61.

LADDERS

Handy ladder. Vest. Vozd. Fl. no. 8;65 Ag '61.

LAGOONS see subdivision under Kiliyskoye Ghilo region

LAGRANGE, JOSEPH LOUIS, 1736-1813

Brief essay on the life and scientific activities of Joseph Louis Lagrange, on the 225th anniversary of his birth. IU. D Sokolov Ukr. mat. zhur. 13 no 2;127-135 '61

Joseph Louis Lagrange. A. N. Khovanskii. Mat. v shkole no. 4, 81-82 Jl-Ag '61.

LAISSEZ-FAIRE

Goleva, A. P. [Criticism of the bourgeois theory of "free enterprise"; using the example of West German neoliberalism] Kritika burzhuaznoi teorii "svobodnogo predprinimatel'stva"; na primere Zapadnogermanskogo neoliberalizma. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 47 p.

LAKES see subdivision under Pavlodar Province; Tarkhankut, Cape

LAMBS see subdivision under Azerbaijan

LAMBS—DISEASES AND PESTS
Variations of the heart rhythm in lambs during the white muscle disease G. A. Palevich Trudy Kirov. otd. Vses. fiziol. ob-va I no. 1 100-105 '60.

LAMELLIBRANCHIATA
Natural water filters Nauka i zhyttia 11 no. 7-51 Jl '61

LAMELLIBRANCHIATA, FOSSIL
(see also subdivision under Sterlitamak region)
A new Tertiary subgenus of corbulids. R. L. Merklin. Paleont. zhur. no. 1 82-88 '61

LAMINAR FLOW
Calculation of heat transfer in laminar liquid flow in pipes in the region of small Peclet numbers [with summary in English] B. S. Petukhov, F. F. TSvetkov Inzh.-fiz. zhur. 4 no. 3 10-17 Mr '61
Group characteristics of the Navier-Stokes equations in the case of laminar flow V. V. Pukhnachev. PMTF no. 1 83-90 My-Je '60
Integrating differential equations for an unsteady flow of a thin viscous layer. A. T. Poletskii Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 4 33-37 Jl-Ag '61.

LAMINATED METALS
Manufacture of bimetal blooms for rolled shapes by built-up electric slag welding with large cross-section electrodes. V. G. Ksendzyk, V. P. Subbotovskii, V. S. Shirm. Avtom. svar. 14 no. 9 79-81 S '61
New method of manufacturing certain types of bimetal tools. A. IA. Shvartser Avtom. svar. 14 no. 9-82-84 S '61

LAMINATED PLASTICS
Laminated plastics. V. Bol'shevikova. Znan. ta pratsia no. 9 11-12 S '61

LAND
"Land resources of the U. S. S. R. and its utilization" by S. A. Udachin Reviewed by M. Gendel'man Ekon. sel'khoz. 32 no. 8-123-126 Ag '61.

LAND RECLAMATION see Reclamation of land

LAND SETTLEMENT see subdivision under Kazakhstan; Virgin Territory

LAND TENURE
(see also subdivision under Andhra-Pradesh; Arabia; Asia; Bashkiria, Chuvashia, Cuba, India; Karelia; Olonets Government, Thailand; Turkey)
Agrarian program of the Bolsheviks and the evolutionary movement of peasants from February to October 1917 P. T. Gubenko Trudy SIMSKII no. 23; 28-50 '60.
Lenin's "land decree" [with summary in English]. A. I. Korolev. Vest. LGU 16 no. 17 94-107 '61.
Russia (1923- U. S. S. R.) Laws, statutes, etc.
[Collection of legislative enactments of land tenure] Sbornik zakonodatel'nykh aktov o zemle. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 255 p.

LANDFORMS
(see also subdivision under Tien Shan; Ukraine, Western)
Some observations on the European, African and South American landforms P. N. TSyst. Geog. zbir. no. 4; 151-152 '61.

LANDFORMS—MAPS see subdivision under Alma-Ata Province

LANDLORD AND TENANT
Moshkin, A. E., and IU. E. Shmelev. [What a tenant should know] Chto nado znat' arendatoru zhilogo pomeshcheniia. [Leningrad] Lenizdat, 1961. 89 p.

LANDSCAPE ARCHITECTURE see subdivision under Moscow; Tiflis

LANDSCAPE GARDENING see subdivision under Baku; Golodnaya Steppe; Moscow; White Russia

LANDSCAPE PAINTING
Landscape painting. IU. Osmolovskii. Semlia i shkola 16 no. 7;32-33 Jl '61.

LANDSLIDES see subdivision under Kerch Peninsula

LANGUAGE AND LANGUAGES
Meshchaninov, I. I. [Recent developments in the study of language] Novoe v uchenii o iazyke; rech' na torzhestvennom zasedanii IUbileinoi sessii Akademii Nauk SSSR. Moskva, Izd-vo Akad. nauk SSSR, 1945. 11 p.
Odessa. Universitet. [Oleksandr Opanasovych Potebnia, 1835-1891; summaries of transactions and reports at the scientific conference in honor of the 125th birthday of the distinguished Ukrainian linguist, Oct. 31-Nov. 1, 1960] Oleksandr Opanasovych Potebnia, 1835-1960; tezy dopovidei i povidomlen' na naukovii konferentsii prysviachenii 125-richchiu z dnia narodzhennia vydatnoho vitchyznianoho lingvista 31 zhovtnia-1 lystopada 1960 roku. Odesa, M-vo vyshchoi i seredn'oi spetsial'noi osvity URSR, 1960. 46 p.
[MICROFILM]
Zvegintsev, V. A. [History of linguistics during the 19th and 20th centuries in essays and excerpts] Istoriia iazykoznaniia XIX i XX vekov v ocherkakh i izvlecheniiakh. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR.
Pt. 1. 1960. 405 p.

LANGUAGE AND LANGUAGES—STUDY AND TEACHING
Basic demands made of foreign language lessons G. Levin Nar. obr. no. 9 90-93 S '61
Don't miss the opportunities! T. Auerbakh. Semlia i shkola 16 no. 8-9-10 Ag '61
For practical mastering of foreign languages F. B. Sokolets' Rad. shk. 40 no. 7 96 Jl '61.
Foreign languages in a kindergarten. Doshk. vosp. 34 no. 9 15 S '61
In the Ministry of Education of the R. S. F. S. R. Nar. obr. no. 9 122-123 S '61.
Let's improve the study of foreign languages in secondary schools V. S. TSetlin Sov. pedag. 25 no. 8 26-31 Ag '61
New features in the teaching of foreign languages at philological departments with a wide range of subjects V. P. Vaganov Rad. shk. 10 no. 7 76-81 Jl '61

LANGUAGES—PHILOSOPHY
Wittgenstein, Ludwig. [Tractatus logico-philosophicus. Translated from the German] Logiko-filosofskii traktat. Obshchaia red. i predisl. V. A. Asmusa. Moskva, Izd-vo inostr. lit-ry, 1958. 131 p.

LARCENY
"Petty" larceny. V. Morozova, F. Chashchina. Ogonek 39 no. 35 32 Ag '61.

LARCH see subdivision under Siberia, Eastern

LARKSPUR
Abnormalities in the structure of the flower in garden forms of the larkspur Consolida ajacis (L.) Schur. [with summary in English] IE. L. Kordium. Ukr. bot. zhur. 18 no. 4;59-62 '61

LARVAE—FISHES
Adaptive significance of larval heterogeneity in the Sakhalin herring. I. V. Nikitinskaia. Trudy sov. ikht. kom. *no. 13 391-392 '61*
Effect of food supply on the survival of larvae of anchovies in the Sea of Azov. P. I. Grudinin. Trudy sov. ikht. kom. no. 13 454-456 '61.
Materials on the food of roach larvae during the stage of mixed feeding. V. A. Grigorash. Trudy sov. ikht. kom. no. 13; 348-352 '61.
Significance of the stage of mixed feeding for the survival of pike larvae. A. A. Kostomarova. Trudy sov. ikht. kom. no. 13 344-347 '61.

LARYNGOSCOPE AND LARYNGOSCOPY—EQUIPMENT AND SUPPLIES
New model of a spatula for a laryngoscope used in anesthesiological practice. A. IU. Pashchuk. Ortop., travm. i protez. no. 7.58-59 '61

LATEX
Determining the durability characteristics of latex film. N. V. Zakharenko, D. L. Fediukin, I. L. Gol'berg Trudy Nauch.-issl. inst. shin. prom. no. 7-140-147 '60.
Gelation of carboxyl containing latexes with the help of diphenylguanidine and sodium fluosilicate in presence of zinc oxide. S. S. Voiutskii, A. M. Savinkova, V. V. Chernaia. Kauch. i rez. 20 no. 8 4-8 Ag '61.
Reinforcement of rubber in latex. Part 7. Electron microscope study of filler-reinforced latex blends [with summary in English]. K. A. Pechkovskaia and others. Koll. zhur. 23 no. 4;462-463 Jl-Ag '61.
Use of latex in the leather industry. S. Kasparliantz, M. Kirakosiants. Prom. Arm. 4 no. 6;36-40 Je '61

LATHES
Changing the design of the spindle of a lathe. V. R. Korpov Sbor. rats. predl. vnedr. v proizv. no. 5;70 '60.
Lengthening the life of machine parts. F. Kobelev. Prof.-tekh. obr. 18 no. 5-14 My '61
Using active control systems in machining on lathes. N. N. Ganchev. Vzaim. i tekh. izm. v mashinostr., mezhvuz sbor. no. 3-314-323 '61.

LATHES—ATTACHMENTS
Abakumov, M. M. [Attachments for lathes] Prisposobleniia dlia tokarnykh stankov. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 101 p. (Biblioteka molodogo rabochego)

LATHES—BRAKES
Brake for stopping the spindle of a lathe. V. I. Purikhov. Sbor. rats. predl. vnedr. v proizv. no. 5;70-71 '60.

LATHES—HYDRAULIC DRIVING
The ET-34 special-purpose hydraulic copying lathe. Prom. Arm. 4 no. 8;51 Ag '61.

LATIN AMERICA—FOREIGN RELATIONS
Eliutin, IU. P. [The role of Latin America in present-day international relations] Rol' stran Latinskoi Ameriki v sovremennykh mezhdunarodnykh otnosheniiakh. Moskva, Izd-vo "Znanie," 1961. 46 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 7, Mezhdunarodnaia, no. 16)

LATIN AMERICA—FOREIGN RELATIONS—UNITED STATES
Latin America and the United States, Soviet studies [in English] V. Kropotov Vest. ist. mir. kul't. no. 4 150-155 Jl-Ag '61

LATIN AMERICA—INVESTMENTS, AMERICAN
Foreign investments of the U. S. A. are a tool for the exploitation of the Latin American peoples V. I. Bakhtin Nauch. zap. Kiev fin.-ekon. inst. no. 9; 313-326 '59

LATIN AMERICA—LABOR AND LABORING CLASSES
Foreign investments of the U. S. A. are a tool for the exploitation of the Latin American peoples V. I. Bakhtin, Nauch. zap. Kiev. fin.-ekon. inst. no. 9-313-326 '59.

LATIN AMERICA—POLITICS
We are in the fighters' camp Rubens Iscaro Sov. profsoiuzy no. 17,31-38 S '61

LATITUDE VARIATION
Analysis of nonpolar latitude variations [with summary in English] I. I. Glagoleva Astron. zhur. 38 no. 4 773-775 Jl-Ag '61

LATTICE THEORY
Approximate calculation of the mean group velocities of phonons in cubic crystals B. IA. Moizhes and others Fiz. tver. tela 3 no. 7,1933-1940 Jl '61.
Calculation of integrals in the method of equivalent orbits and estimation of the parameters of valence bands in semiconductors of the type $A^{III}B^{V}$ A. A. Nran'ian Fiz. tver. tela 2 no. 3 474-481 Mr '60
Characters of single-valued irreducible representations of space groups of trigonal and hexagonal systems Part 1 [with summary in English] O. V. Koval'ov. Ukr. fiz. zhur. 6 no. 3-353-365 My-Je '61.
Characters of two-valued irreducible representations of space groups of trigonal and hexagonal systems Part 2 [with summary in English] O. V. Koval'ov Ukr. fiz. zhur. 6 no. 3, 366-375 My-Je '61
Comments on the theory of impact recombination in semiconductors V. L. Bonch-Bruevich, IU. V. Gulaev. Fiz. tver. tela 2 no. 3 465-473 Mr '60.
Derivation of formulae for the structural factor from formulae for the generalized projections of electron density I. M. Rumanova Kristallografiia 6 no. 3, 465-466 My-Je '61
Fourier integral from the minimum phase function, and the signs of structural amplitudes V. I. Simonov, B. M. Shchedrin. Kristallografiia 6 no. 3; 363-374 My-Je '61.
Natural frequencies of oscillations of germanium lattices calculated in various approximations Z. A. Demidenko, T. I. Kucher, K. B. Tolpygo. Fiz. tver. tela 3 no. 8-2482-2494 Ag '61.
Some problems connected with recombination and the generation of current carriers in semiconductors. V. M. Lenchenko. Izv. AN Uz. SSR. Ser. fiz.-mat. nauk 3,34-42 '61.

LATTICES (MATHEMATICS) see Lattice theory

LATVIA—AGRICULTURAL CREDIT
Long-term credits are an effective means for farm development. G. A. Strausmanis. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 9;48-52 S '61.

LATVIA—BUILDING MATERIALS INDUSTRY
Ways to develop a construction supply center in the Latvian S. S. R. A. Treilib Ekon. strol. no. 8;48-55 Ag '61.

LATVIA—HISTORICAL RESEARCH
Historical research in the Academy of Sciences of the Latvian S. S. R. in 1960. A. K. Biron. Vop. ist. no. 9; 170-173 S '61.

LAVA see subdivision under Simferopol' region

LAVRENT'EV, MIKHAIL ALEKSEEVICH, 1900
Mikhail Alekseevich Lavrent'ev; on his 60th birthday. A. V. Bitsadze, A. I. Markushevich, B. V. Shabat. Usp. mat. nauk 16 no. 4-211-221 Jl-Ag '61.

LAW
(see also subdivision under Kazakhstan)
Answering our readers' questions. Sov. iust. no. 17:31 S '61.
Legal news. Sots. zakon. 38 no. 9 96 S '61.
Our mailbox. Sots. zakon. 38 no. 9-95 S '61.

LAW—CASES
How the public prosecutors of the U. S. S. R. supervise observance of laws Sots. zakon. 38 no. 9 45-88 S '61.
Judicial practice. Sots. zakon. 38 no. 9-84 S '61.

LAW—HISTORY AND CRITICISM
Problems concerning the Russian state and law in M. V. Lomonosov's works. I. D. Meriyevich. Vest. Mosk. un. Ser. 10; Pravo 16 no. 3;3-12 Jl-S '61.

LAW—PHILOSOPHY

In the Section of the Theory of Law of the All-Union Institute of Legal Sciences A S. Pigolkin Vest LGU 16 no 17 157-159 '61.

Ioffe, O. S., and M. D. Shargorodskii, [Critical evaluation of present-day bourgeois theories of law] Kritika sovremennykh burzhuaznykh teorii prava. Leningrad, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, 1961. 55 p.

LAW—SOURCES

[Code of justice; a manuscript of the 14th century] Merilo pravednoe; po rukopisi XIV veka. Izdano pod nabliudeniem i so vstup. stat'ie M. N. Tikhomirova. Moskva, Izd-vo Akad. nauk SSSR, 1961. 698 p.

LAW, MEDIEVAL

"Law and medieval historian" [in English] by W Ullmann. Reviewed by E V. Gutnova Sred veka no 20 280-287 '61

LAW SCHOOLS see subdivision under Moscow

LAYING OUT (MACHINE-SHOP PRACTICE)

Kriuchek, K. F. [Programmed height gauge. Multipurpose rotary device for the layout of small parts] Shtangenreismus s programmnoi nastroikoi. Universal'noe povorotnoe prisposoblenie dlia razmetki malogabaritnykh detalei. Leningrad, 1961. 13 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Opyt novatorov. Serita: Mekhanicheskaia obrabotka metallov, no. 8)

LAYOUT AND TYPOGRAPHY, NEWSPAPER see Newspaper layout and typography

LAZAREV, MIKHAIL PETROVICH, 1788-1851

Russian seafarers at the southern continent, 140th anniversary of the end of the first round-the-world Antarctic expedition of F F Bellingshausen and M.P. Lazarev. D.M.Lebedev. Priroda 50 no.9 78-83 S '61

LE, IVAN, pseud see Moisia, Ivan Leontiievych, 1895-

LEACHING

Leaching of bauxites by high-modulus alkali solutions. V. D. Ponomarev and others Izv. AN Kazakh. SSR Ser met., obog. i ogneup. no. 2, 27-32 '61

Leaching of mixed Dzhezkazgan ores by chloride solutions. Report no 1. A. L TSeft, N A Militina, V. A Vasil'eva. Izv AN Kazakh. SSR. Ser met., obog i ogneup no. 2, 64-72 '61.

Leaching of mixed Dzhezkazgan ores by solutions of sulfuric acid containing salts of trivalent iron Report no. 2. A. L TSeft, V. A. Vasil'eva, N A. Militina Izv AN Kazakh. SSR. Ser. met., obog. i ogneup. no 2, 73-84 '61.

Use of hydrometallurgy in the dressing of Tendan' oxidized sulfide ores. N. V Zashikhin, P. M. Perlov. Obog. rud 5 no. 2, 28-31 '60.

LEAD

Effect of treating germanium with lead on the life of nonequilibrium charge carriers. A. K. Mednikov Fiz. tver. tela 2 no 2 235-238 F '60

Study of the effect of small admixtures of lead and antimony on the parameters of the boundary and volume diffusion of these admixtures into copper [with summary in English]. S D. Hertsriken, A. L. Revo. Ukr fiz. zhur. 6 no. 3, 398-407 My-Je '61.

Substitutes for copper and lead in the electric cable industry. S. Z. Erukhimovich Vest. elektroprom 32 no. 8, 5-7 Ag '61.

LEAD—METALLURGY

Lead cementation from a lead chloride melt. O. A. Khan and others. Trudy Alt GMNII AN Kazakh SSR 11 56-59 '61.

LEAD COMPOUNDS

Complexing of bivalent lead with sodium bromide F. IA. Kul'ba and others. Zhur neorg. khim 6 no. 8 1865-1867 Ag '61.

LEAD INDUSTRY—ACCOUNTING see subdivision under Ust'-Kamenogorsk

LEAD INDUSTRY—BY-PRODUCTS

Treatment of calcined slupp from mercury production plants. E. D. Glotko and others. Trudy Alt GMNII AN Kazakh SSR 11:164-167 '61.

LEAD NITRATE

Anodic behavior of lead and some other metals and alloys in a lead nitrate solution. O. A Khan, V. I. Solov'eva. Zhur. prikl. khim. 34 no. 8:1793-1799 Ag '61.

LEAD ORES

Separation of a lead-copper concentrate with sodium sulfate and iron sulfate. A. S. Konev, K. G. Bakinov Obog. rud 3 no. 6:7-11 '58.

Stage flotation flowsheet for lead-bearing ores. IU. I. Eropkin. Obog. rud 4 no 2:3-5 '59.

LEAD ORGANIC COMPOUNDS

Organotin and organolead derivatives of some nitrogen-containing acids. D A Kochkin, S G. Verenikina, I B. Chekmareva Dokl AN SSSR 139 no 6:1375-1378 Ag '61

LEAD OXIDE

Reaction between lead oxide and sodium hydroxide. E I. Speranskaia. Zhur neorg. khim 6 no 8 1958-1959 Ag '61.

LEAD OXIDE—SPECTRA

Nature of photoactive centers in lead oxide V. A. Izvoshchikov Fiz tver tela 3 no 7 2060-2064 Jl '61.

LEAD OXIDE—THERMAL PROPERTIES

Heat content and heat capacity of (yellow) lead oxide at elevated temperatures [with summary in English] E. N. Rodigina, K. Z. Gomel'skii, V F Luginina Zhur fiz khim. 35 no 8:1799-1802 Ag '61

LEAD SULFIDE—SPECTRA

Approximate calculation of the vibration spectrum of lead telluride and lead sulfide crystals A. I. Efros. Fiz. tver tela 3 no 7, 2065-2070 Jl '61.

LEAD TELLURIDE

Electron diffraction study of $PbBi_4Te_7$. A. G. Talybov, B. K. Vainshtein. Kristallografiia 6 no. 4 541-548 Jl-Ag '61.

LEAD TELLURIDES—SPECTRA

Approximate calculation of the vibration spectrum of lead telluride and lead sulfide crystals. A I Efros Fiz. tver tela 3 no 7:2065-2070 Jl '61

LEAD TELLURIDE—THERMAL PROPERTIES

Effect of halogen admixtures of the heat conductivity of lead telluride. E. D. Deviatkova, I. A. Smirnov Fiz tver tela 3 no 8:2208-2309 Ag '61

Mechanism of the scattering of charge carriers in lead telluride E. D. Deviatkova, I. A. Smirnov. Fiz. tver tela 3 no. 8:2310-2318 Ag '61

LEAD TITANATE—ELECTRICAL PROPERTIES

Anomalous changes in lattice periods and in the dielectric and piezoelectric properties of (Ba, Pb)TiO_3 solid solutions IU. N Venevtsev and others. Kristallografiia 6 no. 3:375-380 My-Je '61

LEAF CUTTERS see subdivision under Soviet Central Asia

LEAF ROLLERS see subdivision under Voronezh Province

LEATHER

Answering readers' queries Kozh.-obuv prom. 3 no 6 38 Je '61

"Technology of leather and fur" by N V. Chernov and others. Reviewed by G. V. Livyi and others Kozh.-obuv. prom 3 no. 6 36-38 Je '61

LEATHER—TESTING

Simplified method of determining residual grease content in Russian leather after a "dust" treatment E. S. Ovechkis, R. O. Shifman. Kozh.-obuv prom. 3 no. 6 19-20 Je '61.

LEATHER, ARTIFICIAL

Crushing of collagen is the shortest way for the manufacture of pure synthetic leather (from "The Leather Trades Review," no. 3878, 1960) K M. Robinzon. Kozh.-obuv. prom 3 no. 6, 32-33 Je '61.

Heat insulating properties of artificial fibrous materials for shoes. E. A. Miroshnikov. Kozh.-obuv. prom. 3 no. 6:20-23 Je '61.

LEATHER INDUSTRY

(see also subdivision under Armenia; Georgia)

For progress in the leather industry. Kozh.-obuv. prom. 3 no. 6 1-3 Je '61.

State and structure of the capital assets of the leather and shoe industries. V. V Fedorov. Kozh.-obuv prom. 3 no 6:8-11 Je '61

LEATHER INDUSTRY—TECHNOLOGICAL INNOVATIONS

In the Committee on Inventions and Discoveries of the Council of Ministers of the U. S. S. R. E. Goncher. Kozh.-obuv prom. 3 no. 6:23 Je '61.

LEAVE OF ABSENCE

Ginsburg, L. IA. [Workers' and office employees' leave of absence] Otpuska rabochikh i sluzhashchikh. Moskva, Izd-vo Akad. nauk SSSR, 1961. 162 p.

LEAVES

Changes in the mass of needles and leaves in spruce and mixed spruce-deciduous stands of the middle taiga as related to their age. V. V. Smirnov. Trudy Lab. lesoved. 3:235-263 '61.

Method for determining the state of water in corn leaves. P. M. Baranovskii, G. M. Titev. Vest. sel'khoz. nauki [Kazakh.] 4 no. 3:3-6 Mr '61.

LEAVES—MORPHOLOGY

Some recent data on the anatomical and morphological structure of the corn leaf, N. N. Popov. Dokl. AN SSSR 139 no. 6 1474-1475 Ag '61.

LEBEDEV, PETR NIKOLAEVICH, 1866-1912

Let's settle it once for all: a teenager is not a baby. Nauka i zhizn' 28 no 7, 106-107 Jl '61

LECTURES AND LECTURING

(see also subdivision under Uzbekistan)

Example worthy of emulation. F. F Bondarenko Nauka i zhyttia 10 no 3 50-51 Mr '60

Great power of the living word. B. Viktorov. Nauka i zhyttia 10 no. 3, 5-6 Mr '60

LEG—ABNORMITIES AND DEFORMITIES

Rare form of congenital deformity of both legs. IU. P. Gurov Ortop., travm. i protez. no 6 68-71 '61.

LEGAL RESEARCH

Constitutional law problems at the present stage of the development of communism. P. S. Romashkin. Vest. AN SSSR 31 no. 8:31-36 Ag '61.

LEGAL SOCIETIES

In the International Association of Democratic Lawyers Sots zakon 38 no. 9 54 S '61

LEGISLATION

"Laws are made by the people' mass participation in the preparation and enactment of laws" by M. V. Tsvik Reviewed by E. Fedorov. Sov. deput. trud. no. 9, 93-94 S '61

LEGISLATIVE BODIES

(see also subdivision under Great Britain)

Rules governing the work of the Supreme Soviet of the R. S. F. S. R [with summary in English] A V. Zinov'ev Vest. LGU 16 no 17:150-156 '61

LEGUMES

Promising forage grass varieties at the Kustanay Experimental Station. F. Mashtakov Vest. sel'khoz. nauki [Kazakh.] 4 no. 1:39-38 Ja '61.

LEIPZIG—EXHIBITIONS

International Fall Fair in Leipzig. D. A. Solov'ev, V. N. Dorokhov. Kozh obuv. prom 3 no. 6:30-31 Je '61

LEIPZIG—TEXTILE INDUSTRY

Give a green light to innovations. Erich Steinhoff. Sov. profsoiuzy 17 no. 18:39-40 S '61.

LEISURE

Accounting for leisure time in budget statistics G Prudenskii, B Kolpakov. Vest stat. no 8 16-22 '61

LEMMLEIN, GEORGII GLEBOVICH, 190-

Georgii Glebovich Lemmlein; on his 60th birthday. Kristallografiia 6 no. 4:487-489 Jl-Ag '61.

LEMVA VALLEY—GEOLOGY, STRATIGRAPHIC

Mesozoic erosion surface on the western slope of the Arctic and sub-Arctic Urals. M. S. Kaletskaia, A. D. Miklukho-Maklai. Dokl. AN SSSR 139 no. 6:1425-1427 Ag '61.

LENGTH MEASUREMENT

Measurement of large diameters in machining parts A D. Rubinov. Vzaim i tekh izm. v mashinostr., mezhvuz. sbor. no 3 346-353 '61.

Measuring dimensions up to 40 m. under operating conditions. B. E. Kostich Vzaim. i tekh izm v mashinostr., mezhvuz sbor. no 3 271-285 '61

LENIN, VLADIMIR IL'ICH, 1870-1924

Akademiia nauk SSSR. Institut russkoi literatury. [V. I. Lenin and Literary criticism] V. I. Lenin i voprosy literaturovedeniia. Moskva, 1961, 214 p.

Beliaevskii, S. I. [V. I. Lenin in Shushenskoye; the life and revolutionary activities of V. I. Lenin in Siberian exile] V. I. Lenin v Shushenskom; zhizn' i revoliutsionnaia deiatel'nost' V. I. Lenina v sibirskoi ssylke. [Krasnoiarsk] Krasnoiarskoe knizhnoe izd-vo, 1960. 110 p.
(MH)

A bright mind ("Recollections about V. I. Lenin." Reviewed by V. Bushin). Komm. Vooruzh. Sil 1 no 4:91-94 F '61.

Chumbarov, N. I. [How V. I. Lenin worked out the tactics of the party between the Second and Third Congresses of the Russian Social Democratic Party] Razrabotka V. I. Leninym taktiki partii v period mezhdu II i III s"ezdami RSDRP. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 259 p.

Gorlakina, V. S. [Lenin's "Iskra" in the Taurida Government; 1900-1960, on the 60th anniversary of "Iskra,"] Leninskaia "Iskra" v Tavricheskoi gubernii; 1900-1960, k 60-letiiu "Iskry." Simferopol', Krymizdat, 1959. 78 p.
(MH)

Gor'kii, Maksim. V. I. Lenin. Moskva, Gospolitizdat, 1959, 55 p.
(CLU)

LENIN, VLADIMIR IL'ICH, 1870-1924 (Continued)

Grechanov, A. D., and IU. S. Meleshchenko. [Significance of V. I. Lenin's work "Materialism and empiriocriticism" for criticism of modern bourgeois philosophy] Znachenie raboty V. I. Lenina Materializm i empiriokrititsizm" dlia kritiki sovremennoi burzhuaznoi filosofii. Leningrad, Ob-vo po raspr. polit. i nauchnykh znanii RSFSR. Leningr. otd-nie, 1960. 55 p. (MH)

"How V. I. Lenin worked out the program of the Communist Party" by M. A. Moskalev. Reviewed by A. F. Kostin. Vop. ist. KPSS 5 no. 5:176-180 '61.

Kommunisticheskaia partiia Ukrainy. Stalinskii oblastnoi komitet. Partiinyi arkhiv. [Authentic human documents; greetings and letters sent to V. I. Lenin from Donets Basin workers expressing their determination to fulfill the leader's legacy] Podlinnye chelovecheskie dokumenty; sbornik privetstvii i pisem V. I. Leninu ot trudiashchikhsia Donbassa, ikh reshenita i kliatvy vypolnit' zavety vozhdia. [Stalino] Stalino-Donbas, knizhnoe izd-vo, 1960. 144 p. (MH)

Lenin and party congresses. A. Sidorov, G. Shitarev. Kommunist 38 no. 15:92-101 O '61.

"Lenin and the East; collected articles"; "Lenin the great friend of the peoples of the East" by A. N. Khalfets. Reviewed by B. Mikhailov. Nar. Azii i Afr. no. 2, 154-158 '61.

Lenin in Japanese literature. Ohara Koichi. Nar. Azii i Afr. no. 2:117-121 '61.

Lenin, V. I. [Complete works] Polnoe sobranie sochinenii. Izd. 5. Moskva, Gos. izd-vo polit. lit-ry.
Vol. 20. [November 1910-November 1911] Noiabr' 1910-noiabr' 1911. 1961. 583 p.

Lenin, V. I. [Complete works] Polnoe sobranie sochinenii. Izd. 5. Moskva, Gos. izd-vo polit. lit-ry.
Vol. 21. [December, 1911 – July, 1912] Dekabr' 1911-iiul' 1912. 1961. 671 p.

Lenin, V. I. [Objectives of the youth leagues; a speech delivered at the Third All-Russian Congress of the Russian Communist Youth League, October 2, 1920] Zadachi soiuzov molodezhi, rech' na III Vserossiiskom s"ezde Rossiiskogo kommunisticheskogo soiuza molodezhi 2 oktiabria 1920 g. [Moskva] "Molodaia gvardiia," 1960. 61 p. (NNC)

Lenin's idea of communist education of youth. G. S. Prozorov. Uch. zap. Kar. ped. inst. 10, 3-16 '60.

Letters of Soviet soldiers to V. I. Lenin. Komm. Vooruzh. Sil 1 no. 7, 10-15 Ap '61.

Mal'kov, P. D. [Notes of the commandant of the Moscow Kremlin] Zapiski komendanta Moskovskogo Kremlia. Izd. 2., perer. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 285 p.

Moskalev, M. A. [How V. I. Lenin worked out the program of the Communist Party] Razrabotka V. I. Leninym programmy Kommunisticheskoi partii. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 175 p.

Mrachkovskaia, I. M. [V. I. Lenin's development of the theory of capital reproduction in the struggle against liberal populists and "legal marxists"] Razvitie V. I. Leninym teorii vosproizvodstva obshchestvennogo kapitala v bor'be protiv liberal'nykh narodnikov i "legal'nykh marksistov." Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 174 p. (NNC)

Some features of V. I. Lenin's polemical style shown in his work "Who are the friends of the people and how they struggle against the Social Democrats?" V. V. Sertsevich-Gudkova. Uch. zap. Kar. ped. inst. 10:35-48 '60.

Stasova, E. D. [Vladimir Il'ich Lenin was such a man] Takim byl Vladimir Il'ich Lenin. Moskva, Gos. izd-vo detskoi lit-ry M-va prosv. RSFSR, 1961. 23 p.

Studying the language and literary style of V. I. Lenin's works. N. A. Meshcherskii. Uch. zap. Kar. ped. inst. 10:17-34 '60.

Tsapkin, N. V. [Lenin's principles on the management of a socialist economy] Leninskie printsipy upravleniia sotsialisticheskim khoziaistvom. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR. Leningr. otd-nie, 1960. 44 p. (MH)

V. I. Lenin as the organizer and leader of the military defense of the Soviet state, problems of Soviet military science in V. I. Lenin's works, a brief outline of a lecture or a study group session. A. Makarov. Komm. Vooruzh. Sil 1 no. 4:36-39 N '60.

"V. I. Lenin's economic studies published in the 1890's" by A. I. Pashkov. Reviewed by L. V. Shirikov. Vop. ist. KPSS 5 no. 5:186-189 '61.

V. I. Lenin's work in 1911. N. N. Surovtseva, R. Z. IUnitskaia. Vop. ist. KPSS 5 no. 5:104-107 '61.

Vorovev, V. F. [Genius of Russian and world literature; V. I. Lenin on L. N. Tolstoi] Genii russkoi i mirovoi literatury; V. I. Lenin o L. N. Tolstom. [L'vov] Izd-vo L'vovskogo univ., 1960. 36 p. (MH)

LENIN, VLADIMIR IL'ICH, 1870-1924—HOMES AND HAUNTS

Kane, P. IA. [Lenin's abodes in Leningrad] Leninskie mesta v Leningrade. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR. Leningr. otd-nie, 1960. 62 p. (MH)

LENIN IN LITERATURE AND ART

On a placid lake ("Blue notebook" by Em. Kazakevich. Reviewed by V. Pankov). Znamia 31 no. 9:219-224 S '61.

LENIN PRIZES

A. F. Ioffe, winner of the Lenin prize of 1961. R. G. Gevorkian. Fiz. v shkole 21 no. 3:8-10 My-Je '61.

Adigezalova, L. L. [Recipients of Lenin Prizes are the Soviet composers D. Shostakovich, S. Prokof'ev, A. Khachaturian, and V. Solov'ev-Sedoi] Sovetskie kompozitory – laureaty Leninskoi premii D. Shostakovich, S. Prokof'ev, A. Khachaturian, V. Solov'ev-Sedoi. Leningrad, O-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, 1961. 54 p.

Indefatigable champion of peace. Ogonek 39 no. 35:1 Ag '61.

Professor L. S. Kolesnikov, Major General in the medical service, laureate of the Lenin prize. Voen.-med. zhur. no. 6:7-8 Je '61.

LENINAKAN—KNIT GOODS INDUSTRY—LABOR PRODUCTIVITY

Foreman M. N. Kcshishian's team of knitters. IA. S. Filipp. Tekst. prom. 21 no. 7:68-69 Jl '61.

LENINAKAN—RAILROADS—CARS

Ways for saving electric power. T. Geondzhian. Prom. Arm. 4 no. 6:23-25 Je '61.

LENINGRAD—AGRICULTURAL RESEARCH

Constructors of living nature. O. Gryain. Znan. ta pratsia no. 10:12-14 O '61.

LENINGRAD—ART GALLERIES AND MUSEUMS

Leningrad. Ermitazh. [The Hermitage, treasure house of world culture and art] Ermitazh, sokrovishchnitsa mirovoi kul'tury i iskusstva. [By] O. M. Persianova. Leningrad, 1960. 111 p. (MH)

LENINGRAD—BALLET

"Legend of love." P. Karp. Teatr 22 no. 9:101-105 S '61.

LENINGRAD—BAKERS AND BAKERIES

Cake. K. Cherevkov. Ogonek 39 no. 35:2 Ag '61.

LENINGRAD—BANKS AND BANKING

Gindin, A. M. [How the Bolsheviks took possession of the State Bank; facts and documents on the October days in Petrograd] Kak bol'sheviki ovladeli Gosudarstvennym bankom; fakty i dokumenty oktiabr'skikh dnei v Petrograde. Pod red. V. P. D'iachenko. Moskva, Gosfinizdat, 1961. 99 p.

LENINGRAD—CITY PLANNING

Experimental plan for block development in Leningrad. N. Grinev. Arkhit. SSSR no. 7:64 '61.

LENINGRAD—COMMUNITY AND SCHOOL

About a great friendship ("Factory and school" by M. Streshinskii. Reviewed by A. Demidova). Sem'ia i shkola 16 no. 8:44-45 Ag '61.

LENINGRAD—CONSTRUCTION INDUSTRY

Conference for the exchange of practical experience of Leningrad housing construction combines. Zhil. stroi. no. 7:36 Jl '61.

In the Leningrad Branch of the Academy of Construction and Architecture of the U. S. S. R. Biul. stroi. tekh. 18 no. 8:30-32 Ag '61.

LENINGRAD—EDUCATION, ELEMENTARY

When the day is well spent. S. Abramov, N. Kononov. Sem'ia i shkola 16 no. 8:27-29 Ag '61.

LENINGRAD—EVENING AND CONTINUATION SCHOOLS

"Pedagogical readings" of history teachers in evening schools. M. IU. Povolotskaia. Prep. ist. v shkole 16 no. 5:86-89 S-O '61.

LENINGRAD—HOME AND SCHOOL

We are one happy family. O. Tret'iakova. Sem'ia i shkola 16 no. 8:34-35 Ag '61.

LENINGRAD—INDUSTRIES

A program enlightened by V. I. Lenin's genius. F. Petrenko. Kommunist 38 no. 14:67-71 S '61.

LENINGRAD—KNIT GOODS INDUSTRY

Workers of the Leningrad knit goods factory. M. S. Miasnikov. Tekst. prom. 21 no. 7:67-68 Jl '61.

LENINGRAD—LABOR AND LABORING CLASSES

Kruze, E. E. [Petersburg workers in 1912-1914] Peterburgskie rabochie v 1912-1914 godakh. Moskva, Izd-vo Akad. nauk SSSR, 1961. 343 p.

LENINGRAD—LABOR AND LABORING CLASSES—MEDICAL CARE

Plus 600. S. Sinel'nikov. Ogonek 39 no. 32:9 Ag '61.

LENINGRAD—LIBRARIES

Leningrad. Publichnaia biblioteka. [Booklet for readers] Pamiatka chitateliu. Izd 2. Leningrad, 1960. 34 p.

LENINGRAD—MACHINE-TOOL INDUSTRY—TECHNOLOGICAL INNOVATIONS

Mechanization and automation of production processes at the Leningrad Machine-Tool Plant. I. I. Zazerskii. Stan i instr. 32 no. 9:5-7 S '61.

LENINGRAD—MACHINERY INDUSTRY

Leningrad exhibits. Nauka i zhizn' 28 no. 8:40-41 Ag '61.

LENINGRAD—MACHINERY INDUSTRY—LABOR PRODUCTIVITY

Zaichenko, P. A. [Method for achieving high labor productivity in each job by the P. A. Zaichenko and A. F. Loginov method] Metod dostizheniia vysokoi proizvoditel'nosti truda na kazhdom rabochem meste; metod P. A. Zaichenko i A. F. Loginova. Leningrad, 1961. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Opyt novatora. Serila: Organizatsiia i ekonomika proizvodstva, no. 5)

LENINGRAD—MATHEMATICAL SOCIETIES

Meetings of the Leningrad Mathematical Society. Usp. mat. nauk 16 no. 3:245-248 My-Je '61.

Saint Petersburg Mathematical Society. I. IA. Depman. Ist.-mat. issl. no. 13:11-106 '60.

LENINGRAD—METAL INDUSTRIES

Contribution of Leningrad metallurgy to exports. B. Shaturnov. Vnesh. torg. 41 no. 8, 33 '61.

LENINGRAD—MUSEUMS

[Museums of Leningrad, a short guide] Muzei Leningrada; kratkii spravochnik. Izd. 3., ispr. i dop. [Leningrad] Lenizdat, 1961. 207 p.

LENINGRAD—MUSIC MUSEUMS

Preserved relics. M. Travina. Ogonek 39 no. 35:32 Ag '61.

LENINGRAD—OLD BELIEVERS

The last throw of the die. A. Tanin. Sov. iust. no. 17:19-20 S '61.

LENINGRAD—PAINTINGS

[State Hermitage; paintings] Gosudarstvennyi Ermitazh; zhivopis' Moskva, Gos. izd-vo izobraz. iskusstva, 1961. [6 p.] plates. [Parallel texts in Russian, English, French and German].

LENINGRAD—PHYSICAL EDUCATION AND TRAINING

School sportsmen. B. Parnokh, IU. Kul'kov. Prof.-tekh. obr. 18 no. 5:25 My '61.

LENINGRAD—PRECAST CONCRETE

We introduce new, improved elements. L. Kurochkin. Na stroi. Ros. no. 7:17-19 Jl '61.

LENINGRAD—PRECAST CONCRETE CONSTRUCTION—CONGRESSES

Conference for the exchange of practical information of Leningrad housing construction combines. Biul. stroi. tekh. 18 no. 8:36-39 Ag '61.

LENINGRAD—PRINTING MACHINERY AND SUPPLIES—SAFETY APPLIANCES

Safety device for the "PRG-2" and "PRG-4" machines. I. Sh. Bistiakov. Poligr. proizv. no. 8:19-20 Ag '61.

LENINGRAD—RESTAURANTS, LUNCHROOMS, ETC.

Honorary title has been obtained. F. Filimonova. Obshchestv. pit. no. 6, 7 Je '61.

V'iusova, A. K., IA. A. Evin, and N. L. Zykov. [Compiling and using regular price lists in public dining enterprises, from the work practice of the restaurant trust of Kirov District, Leningrad] Razrabotka i primenenie preiskurantov postoianno deistvuiushchikh tsen v predpriiatiiakh obshchestvennogo pitaniia, iz opyta raboty tresta stolovykh Kirovskogo raiona Leningrada. Moskva, Gos. izd-vo torg. lit-ry, 1961. 21 p.

LENINGRAD—REVOLUTION, 1917-1921

Gindin, A. M. [How the Bolsheviks took possession of the State Bank; facts and documents on the October days in Petrograd] Kak bol'sheviki ovladeli Gosudarstvennym bankom; fakty i dokumenty oktiabr'skikh dnei v Petrograde. Pod red. V. P. D'iachenko. Moskva, Gosfinizdat, 1961. 99 p.

LENINGRAD—SHEET-METAL WORK

Technology of producing stamped radiators. N. Luk'ianov, I. Zal'tsman. Na stroi. Ros. no. 7:28-29 Jl '61.

LENINGRAD—SIEGE, 1941-1944

Everything for victory! A. Khrulev. Tyl i snab. Sov. Voor. Sil 21 no. 6:10-14 Je '61.

A heroic page of the Great Patriotic War; the 20th anniversary of the Siege of Leningrad. I. Kh. Hanzha. Ukr. ist. zhur. 5 no. 5:157 S-O '61.

Remembering the past. F. Malykhin. Tyl i snab. Sov. Voor. Sil 21 no. 6:15-21 Je '61.

LENINGRAD—STUDENT ACTIVITIES

When the day is well spent. S. Abramov, N. Kononov. Sem'ia i shkola 16 no. 8, 27-29 Ag '61

LENINGRAD—THEATER

"Theater of youth" by N. Rabiniants. Reviewed by D. Zolotnitskii Teatr 22 no 9 143-144 S '61.

LENINGRAD—TRANSIT SYSTEMS

Saving electric energy in the Leningrad urban electric transportation system. G. M. Knerel', V. F. Stasenko. Prom energ. 16 no 9 1-5 S '61.

LENINGRAD—UNIVERSITIES AND COLLEGES—ENTRANCE AND REQUIREMENTS

Mathematical training of students entering institutions of higher learning. A. V. Il'rovskii, M. I. Abramovich. Mat. v shkole no. 4, 22-24 Jl-Ag '61.

LENINGRAD—WAR MEMORIALS

Kann, P. IA. [Squares of revolutionary uprisings] Ploshchadi revoliutsionnykh vosstanii. [Leningrad] Leningr. gazetno-zhurnal'noe i knizhnoe izd-vo, 1955. 164 p. (Istoricheskie dostoprimechatel'nosti Leningrada)

LENINGRAD ECONOMIC REGION—SOCIALIST COMPETITION

Initiative of five Leningrad enterprises S. Afanas'ev. Sots. trud 6 no 8 94-101 Ag '61.

LENINGRAD PROVINCE—ATMOSPHERIC TRANSPARENCY

Optical characteristics of Arctic air masses N. I. Nikitinskaia. Trudy GGO no 118 77-81 '61.

LENINGRAD PROVINCE—FARM BUILDINGS

Economical multipurpose buildings. Sel'. stroi. 16 no. 7 30 Jl '61.

Leningrad residents help village construction. V. Golovko Sel'. stroi. 16 no 7 7 Jl '61

LENINGRAD PROVINCE—PRINTING MACHINERY AND SUPPLIES—MAINTENANCE AND REPAIR

Province repair base N. I. Panin. Poligr. proizv no 8 18-19 Ag '61.

LENINGRAD REGION—THUNDERSTORMS

Frequency of thunderstorms in the Leningrad region according to radar observations at the Voyeykovo Station during 1958-1959. T. I. Smolkina Trudy GGO no. 120 15-26 '61

LENINOGORSK—NONFERROUS METALS—ANALYSIS

Practices of the rapid analysis laboratory of the Leninogorsk Complex Ore Combine. L. K. Chuchalin Trudy Alt. GMNII AN Kazakh. SSR 11, 160-161 '61.

LENINSKIY DISTRICT—COOPERATIVE SOCIETIES

Party attitude to work F. TSvirko Koop Kazakh. 4 no 6/8 9-10 My-Je '61

LENKORAN DISTRICT—BRAMBLES

Teratology of flowers in Rubus L. from the Talysh. I. I. Kariagin, G. F. Akhundov Izv. AN Azerb SSR, Ser. biol i med nauk no. 6, 3-10 '61.

LENSES

Determining all linear constructive elements of a two-component lens on the basis of requirements with respect to monochromatic and chromatic aberration. M. IA. Horban'. Visnyk Kyiv. un. no. 3, Ser. fiz ta khim no. 1, 27-35 '59

[illegible]ing the W_0 parameter of a two-component lens [illegible] prescribed values of the first three IA Horban' Visnyk Kyiv. un no. 2 [illegible]

LEVEL (TOOL)

Assemblers' level. Sel'. stroi. 16 no. 7, 26 Jl '61.

Improving leveling instruments used in school. N. S. Surovtsev. Geog v shkole 24 no 5, 55-56 S-O '61

LEVEL INDICATORS

Automatic measuring of the level of pulverized coal in intermediate bunkers. V. I. Stepanov, IU. A Zeigarnik Energetik 9 no. 4, 5-7 Ap '61

The EIU-1 electronic level indicator for liquid and loose media. A. I. Chernikov. Priborostroenie no. 8 24-26 Ag '61.

UKM level indicator P. P. Belianchikov. Stroi i dor mash 6 no 8 24 Ag '61

LEVEL INDICATORS FOR LIQUIDS see Liquid level indicators

LGOV DISTRICT—SUGAR BEETS

Specialization and concentration of sugar beet planting S Zorina Ekon. sel'khoz 32 no 8, 48-54 Ag '61

LIABILITY (LAW)

Liability payments to the children who were born after the death of their fathers. I Larkin Sots. zakon 38 no 9 46-48 S '61

LIAPIOSHKIN, UL

"Morning dew"; verse by Ul. Liapioshkin. Reviewed by An. Shaunia. Belarus' 18 no. 9 31 S '61.

LIBANI REGION—CLIMATE

Climate of the Libani health resort G. M Loladze Shor. rab Tbil. gidromet obser no 1 37-68 '60.

LIBRARIES

(see also subdivision under Leningrad)

Moscow. Vsesoiuznaia gosudarstvennaia biblioteka inostrannoi literatury. Otdel zarubezhnogo bibliotekovedeniia. [International Federation of Library Associations; a handbook] Mezhdunarodnaia federatsiia bibliotechnykh assotsiatsii, spravka. Moskva, 1959. 51 p. (Mezhdunarodnye kul'turnye organizatsii) (CU)

LIBRARIES, RURAL see Rural libraries

LIBRARIES AND READERS

Moscow. Publichnaia biblioteka. [Library work in assisting self-education] Rabota bibliotek v pomoshch' samoobrazovaniiu, metodicheskie materialy. Moskva, 1961. 34 p.

LICENSES

Licence contract in the practice of capitalist firms. I. Ivanov, IU Sergeev. Vnesh. torg. 41 no 8, 38-41 '61.

Licences for a new building material. V. Zhdan Vnesh. torg 41 no. 9 20-22 '61.

LICENSES (PATENTS) see Patent licenses

LIE ALGEBRAS

Description of all irreducible representations of an arbitrary connected Lie group. D. P. Zhelobenko. Dokl. AN SSSR 139 no. 6, 1291-1294 Ag '61.

LIEBKNECHT, KARL, 1871-1919

Champion of peace. M. Korallov. Ogonek 39 no. 34, 24 Ag '61.

LIENS

Excluding some items from liens on property F. Nikitinskii, R. Efimova. Sots. zakon 38 no. 9, 64-66 S '61

LIFESAVING

Letters to the sailor Vorozheikin. Ogonek 39 no. 34, 26-27 Ag '61.

LIFESAVING AT FIRES

Difficult combat. V. Korolev. Pozh. delo 7 no. 8, 21 Ag '61.

LIFTS see Hoisting machinery

LIGATURE (SURGERY)

Surgical significance of collateral circulation following the ligation of the splenic artery [in Georgian with summary in Russian]. M. E. Komakhidze Trudy inst. eksp. morf. AN Gruz. SSR 8, 83-103 '60.

LIGHT

Problems concerning light from axisymmetric radiators. S. P. Detkov. Svetotekhnika 7 no. 7, 23-25 Jl '61.

LIGHT—MEASUREMENT

Photoelectric light intensity meter. S. A. Drukker. Svetotekhnika 7 no. 7, 1-10 Jl '61.

LIGHT—PHYSIOLOGICAL EFFECT

Effect of certain light conditions on the Wolffian regeneration of the crystalline lens in larvae of the newt Pleurodeles Waltlii. R. A. Borsuk, V. V. Popov. Dokl. AN SSSR 139 no. 6, 1487-1490 Ag '61.

LIGHT—SCATTERING

Changes in the scattering degree of colloidal protoplasmic particles of nerve cells due to the effect of quinine sulfate, egg albumin, and ethyl urethan solutions. S. V. Levin. TSitologiia 3 no. 4 109-117 Jl-Ag '61

Investigating solutions of lithium chloride in n-alcohols by means of molecular scattering of light II P Roshchyna Visnyk Kyiv un no 2 Ser fiz ta khim no 1 53-55 '59

Light dispersion in the region of exciton absorption in cubic crystals, taking the anisotropy of the effective exciton mass into account S. I Pekar, B E TSekvava Fiz tver tela 2 no 2 261-272 F '60

Remarks on Krishnan's phenomenon. D. K. Beridze, M. I. Shakhparonov. Opt. i spektr. 11 no 2, 282-284 Ag '61.

Spectral transmittance and the inverse problem of the theory of scattering K. S. Shifrin, V F. Raskin Opt i spektr. 11 no. 2, 268-271 Ag '61.

LIGHT—SPEED

Method for the experimental verification of the independence of the velocity of light from the velocity of the source [with summary in English] A G Baranov Zhur eksp i teor. fiz 40 no. 3 860-862 Mr '61.

LIGHT METALS—WELDING

Thermal diffusion processes and porosities occurring in welded joints in the arc welding of light and nonferrous metals V. V. Frolov [Trudy] MVTU no 101 132-171 '61

LIGHT QUANTUM see Photons

LIGHTING see subdivision under Moscow

LIGHTING—BIBLIOGRAPHY see Bibliography—Lighting

LIGHTING, ARCHITECTURAL AND DECORATIVE

Role of lighting in urban architecture. N. Gusev. Arkhit. SSSR no 7 46-51 '61.

LIGHTNING PROTECTION

Effect of lightning strokes which have bypassed the grounding wires on high-voltage power transmission lines. M V. Kostenko, I F. Polivoi, A. N. Rozenfel'd. Elektrichestvo no. 1, 20-26 Ap '61.

An open electric arc in rural 10 kv networks and lightning protection of these networks. K. S Tarasov Nauch trudy Sev.-zap. nauch.-issl inst. sel'khoz no. 3 pt. 3; 3-21 '59.

Regularities of protective action in the silicon diodes and their basic characteristics M. I Vakhnin. Vest TSNII MPS 20 no. 5 9-14 '61.

LIGHTWEIGHT CONCRETE

(see also subdivision under Nizhniy Tagil, White Russia)

Coarse-pore concrete made with keramzit and plastic G. Isakovich Stroitel' no 8, 23-24 Ag '61.

Development of keramzit production. Stroi. i arkhit. Mosk. 9 [i. e. 10] no. 8, 36 Ag '61.

Functional characteristics of one-layer slabs with a span of 6 m. made of cellular autoclaved concretes. Biul. stroi. tekh. 18 no. 7, 13-14 Jl '61.

Light and superlight articles based on perlite are introduced into mass construction. P. P. Budnikov and others Stroi. mat. 7 no 8 8-15 Ag '61.

Manufacture of concrete mixes based on porous aggregates. M. Khutorianskii, F. TSatskina. Stroi. i arkhit 9 no. 8, 17-18 Ag '61.

Production techniques and properties of foamed keramzit concrete. P. D. Kevesh, I. F. Bezriadin Stroi mat 7 no 8, 39-3 of cover Ag '61.

State Standard for testing porous inorganic aggregates for lightweight concretes. Biul. stroi. tekh. 18 no. 7, 14-17 Jl '61.

LIGHTWEIGHT CONCRETE—TESTING

Shrinkage and creep of compressed keramzit concrete elements. B. L. Radkevich. Bet. i zhel.-bet. no. 8, 364-369 Ag '61.

Study of deformation characteristics and the modulus of elasticity of agloporite concrete under compression. IA. I Drozd. Sbor. nauch. trud Bel. politekh. inst. no. 39, 42-48 '60.

LILIES

Studying the nucleolonema in the mitosis and meiosis in Lilium. E. S. Bellaeva, I. I. Kiknadze. Izv Sib. otd AN SSSR no. 7, 92-97 '61.

LIMBS, ARTIFICIAL see Artificial limbs

LIME

Lime recovery in the production of straw and cane pulp by the alkaline process. B. D. Grubshtein. Bum. prom. 36 no. 8, 12-13 Ag '61.

LIMESTONE

Recent data on the stratigraphy and jointing of an upper Jurassic limestone series of the southwestern spurs of the Gissar Range. M. G. Romashova. Trudy VNIGRI no. 165, 171-189 '61.

Regulation of air separators in a dry milling cycle. E. I. Kul'tin. Obog. rud 3 no. 6, 46-49 '58.

LIMESTONE—TRANSPORTATION

Efficient transportation of limestone. A. D. Vikutan TSement 27 no 4 15 Jl-Ag '61

LIMNOLOGY see subdivision under Karelian Isthmus

LINEAR DIFFERENTIAL EQUATIONS see Differential equations, Linear

LINEAR EQUATIONS

Poorly conditioned systems of linear equations D. K Faddeev, V. N. Faddeeva Zhur vych mat. i mat fiz 1 no 3 412-417 My-Je '61.

Reverse matrix of three-member systems of equations. IU G Pukhkin. Issl po teor sooruzh, no 10,253-256 '61

Using electric models of problems in structural mechanics giving rise to systems of five-member equations O V Luzhin. Issl. po teor sooruzh no 10,270-278 '61

LINEAR PROGRAMMING

Improving the production organization with the aid of linear programming methods I Popov Ekon sel'khoz 32 no. 8,26-34 Ag '61.

Solving linear programming problems by the method of elimination of unknowns. S. N. Chernikov. Dokl AN SSSR 139 no. 6,1314-1317 Ag '61.

LINGUISTICS, MATHEMATICAL see Mathematical linguistics

LINOTYPE

Analysis of the consistency of linotypr composition. M. A. Shkolver. Poligr. proizv. no. 6,18-19 Je '61.

New material for casting pots. R. B. Laskovaia and others. Poligr. proizv. no. 6;26-27 Je '61.

LINTERS

AOS-3 device for determining the lint index of cotton-seeds A. I. Gan, T. A. Efremenko. Masl -zhir prom 27 no. 8;31-32 Ag '61.

Delinting cotton seeds and their physicomechanical properties. V. N. Popova, E. A. IUdin Masl -zhir prom. 27 no 8-18-22 Ag '61

LIPETSK—COKE OVENS

Building a powerful coke oven battery. A. S. Globa. Mont i spets. rab. v stroi 23 no. 8 10-12 Ag '61

LIPIDOSIS

Significance of prolonged functional tension of the nervous system in the development of lipoidosis of the aorta and lesions of the myocardium in rabbits [with summary in English]. P. S Khomula Biul eksp. biol. i med. 51 no. 5 39-41 My '61.

LIPIDS

Amount of cholesterol, phospholipids, proteins, and lipoprotein fractions in the blood serum of women during the climacteric and in climacteric neuroses. [A. D. Rafal'skii. Probl. endok. i gorm. 7 no. 4;82-89 '61.

Antigenic characteristics of lipoid-polysaccharide complexes from tissues of old animals [with summary in English]. V A. Kurev. Biul eksp. biol. i med. 51 no 4-86-91 Ap '61.

LIPOPROTEINS

Dynamics of protein and lipoprotein fractions in the blood serum in patients with diabetes mellitus during insulin therapy. P A. Stil'nitskii. Probl. endok. i gorm. 7 no. 4-101-105 '61.

LIPSTOK, JOHANNES JANOVICH, d. 1961.

Death of Johannes Lipstok, Senior Presbyter of the All-Union Council of Evangelical Christians and Baptists in Estonia; obituary. Herman Mäemets, Arpad Arder. Brat. vest. no. 3;76-80 '61.

LIQUID CRYSTALS

Liquid crystal texture of sodium oleate. I. G. Chistiakov. Kristallografiia 6 no. 3;479-482 My-Je '61.

Liquid crystals of thiazine dyes. N. M. Melankholin. Kristallografiia 6 no. 4;568-575 Jl-Ag '61.

LIQUID FUELS

Characteristics of the evaluation of the fineness of fuel atomization. L. V. Kulagin. Trudy TSNII MPS no. 214; 103-114 '61.

Using the principle of corresponding states to study the thermal conductivity of liquid fuels [with summary in English]. V. B. Zonkevich. Inzh. fiz. zhur. 4 no. 7; 35-39 Jl '61.

LIQUID LEVEL INDICATORS

Device for measuring the level of solutions of any density. V. V. Quaev. TSement 27 no. 4;29 Jl-Ag '61.

Electronic device for signaling the water level in a boiler. V. N. Shenderovich. Energetik 9 no. 8;6-8 Ag '61.

Water level indicating relay using semiconductor thermistors. A. M. Veselov. Energetik 9 no. 4;10 Ap '61.

LIQUID METALS

Mechanism of the nucleation of the gas phase during the oxidation of carbon in molten metals. M G Krashennikov, S. I Filippov. Izv. vys. ucheb zav., chern met 4 no 7 18-25 '61.

Studying surface properties and densities of metal sulfide and silicate melts. A V. Vanlukov, A. N. Popkov. Izv. vys. ucheb. zav.; tsvet. met. 4 no. 4;63-70 '61.

Tiutin, I. A. [Electromagnetic pumps for liquid metals] Elektromagnitnye nasosy dlia zhidkikh metallov. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1959. 113 p. tables (in pocket)
(RPB)

LIQUID METALS—DENSITY

Density of liquid alloys of silicon with cobalt and nickel. P. V. Gel'd, IU. M. Gertman. Fiz. met i metalloved 12 no. 1;47-50 Jl '61.

LIQUID METALS—THERMAL PROPERTIES

Investigating the absorption of heat by liquid metal in a duct with rectangular cross section. V. I. Subbotin, S. P. Kaznovskii, V. I. Sidorov Teploenergetika 8 no. 8;68-72 S '61.

LIQUID OXYGEN

Investigation of the cycles of increased pressure used in the preparation of liquid oxygen. A. G. Golovintsov, A. M. Arkharov, M. B. Stolper. Khim. mash. no. 4;15-19 Jl-Ag '61.

LIQUIDS

Additivity of the limiting molal volume [with summary in English]. N. D. Litvinov. Zhur. fiz. khim. 35 no 8; 1745-1749 Ag '61.

Laboratory assignment "Measuring the pressure of liquids at various depths by means of a manometer." E. V. Nikitin. Fiz. v shkole 21 no. 3;63-64 My-Je '61

Molecular theory of ultrasonic dispersion in liquids A. A. Adkhamov Izv Otd geol. -khim i tekh nauk AN Tadzh SSR no. 1 3-12 '59.

LIQUIDS—OPTICAL PROPERTIES

Possibility of measuring the optical anisotropy of liquids in the field of a sound velocity gradient. S. N. Pen'kov. Opt i spektr 10 no. 5;653-656 My '61.

LIQUIDS—STUDY AND TEACHING

Studying the topic "Properties of liquids" in the secondary school physics course. I. I. Podgornova. Dokl APN no. 1;21-23 '61.

LIQUIDS—VIBRATION

Experimental investigation of natural vibrations of liquids in vessels. G. N. Mikishev, N. IA. Dorozhkin. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 4; 48-53 Jl-Ag '61.

LIQUOR PROBLEM

Drinking is not a miner's tradition. A. Shalaginov. Sov. shakht. 10 no. 7;38-39 Jl '61.

LISZT, FRANZ, 1881-1886

Konigsberg, A. K. [Franz Liszt; on the 150th anniversary of his birth and 75th anniversary of his death] Feronts List; k 150-letiiu so dnia rozhdeniia i 75-letiiu so dnia smerti. Moskva, Izd-vo "Znanie," 1961. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6, Literatura i iskusstvo, no. 13)

LITERATURE—ADDRESSES, ESSAYS, LECTURES

Fink, V. G. [Literary recollections] Literaturnye vospominaniia. Moskva, Sovetskii pisatel', 1960. 302 p.
(CU)

LITERATURE—BIBLIOGRAPHY see Bibliography—Literature

LITERATURE AND HISTORY

Russian history from the 12th to the 17th century as presented in M. V. Lomonosov's literary works. M. T. Beliavskii. Vest Mosk. un. Ser. 9. Ist. 16 no. 5.18-33 S-O '61.

LITHIUM

Excited states of Li^7 involving energies up to 8 Mev. V. G. Shevchenko, B. A. IUr'ev. Izv. AN SSSR. Ser. fiz. 25 no. 9;1148-1148 S' '61.

Properties of the lower states of Li^6 and Be^8 nuclei appearing in the decay of light nuclei. S. S. Vasil'ev, V. V. Komarov, A. M. Popova. Izv. AN SSSR. Ser. fiz. 25 no. 9;1117-1120 S '61.

Unusual career. D. Trifonov. Nauka i zhizn' 28 no. 8; 65 Ag '61.

LITHIUM—ANALYSES

Iodometric determination of lithium [in Azerbaijani with summary in Russian]. L. I. Bagbanly, I. K. Guseinov. Azerb. khim. zhur. no. 5;77-86 '60.

LITHIUM—ISOTOPES

Spectral determination of the isotopic composition and the concentration of lithium in solutions. A. N. Zaidel', E. P. Korennoi. Opt. i spektr. 10 no. 5;570-576 My '61.

LITHIUM—MAGNETIC PROPERTIES

Comments on the magnetic susceptibility of metallic lithium A. G. Samoilovich, M V. Nitsovich. Fiz tver tela 2 no 2 371-373 F '60

LITHIUM CHLORIDE

Investigating solutions of lithium chloride in n-alcohols by means of molecular scattering of light H P. Roshchyna Visnyk Kyiv. un no 2 Ser. fiz ta khim no 1 53-56 '59

Solubility in the system LiCl - NaCl - $MgCl_2$ - H_2O at 25 and 75° I. N. Lepeshkov, N N Romashova Zhur. neorg. khim 6 no 8 1967-1971 Ag '61.

LITHIUM FLUORIDE—SPECTRA

Band splitting in the luminescence spectra of anisotropic centers in LiF and CaF_2-Eu crystals subjected to oriented deformation. A A Kaplianskii, N A Moskvin, A. K. Przhevuskii Opt i spektr. 10 no 3,366-373 Mr '61

LITHIUM FLUORIDE—THERMAL PROPERTIES

Standard enthalpy of the formation of lithium fluoride. V. P. Kolesov, S M Skuratov Zhur neorg. khim 6 no 8 1741-1744 Ag '61

LITHIUM FLUORIDE CRYSTALS

Effect of impurities on the density of LiF single crystals. B. P. Aleksandrov, G. A. Andreev Fiz. tver tela 3 no. 8 2445-2450 Ag '61.

LITHIUM HYDRIDE—THERMAL PROPERTIES

Thermodynamic investigations at low temperatures. Part II: Heat capacity of lithium hydride between 3, 7 and 295°K, Entropy and enthalpy at 298, 15°K. [with summary in English]. V. N. Kostriukov. Zhur. fiz. khim. 35 no. 8-1759-1762 Ag '61.

LITHIUM HYDROXIDE—SPECTRA

Evidence of a hydrogen bond in the infrared spectra of crystalline lithium hydroxides A. I. Stekhanov, E. A. Popova. Opt. i spektr 11 no. 2;203-206 Ag '61

LITHIUM MAGNESIUM TUNGSTATE

Uranium-activated lithium magnesium tungstate. IU. S. Leonov. Opt. i spektr 10 no 5;670-680 My '61.

LITHIUM OXIDE—THERMAL PROPERTIES

Heat content of beryllium and lithium oxides at high temperatures [with summary in English] E. N. Rodigina, K. Z. Gomel'skii. Zhur. fiz. khim 35 no 8; 1826-1831 Ag '61.

LITHUANIA—CEMENT PLANTS

Enterprise of Communist Labor V. Kantuaskas Strotel' no. 8 29 Ag '61.

LITHUANIA—CONSTRUCTION INDUSTRY

In the Office of State Construction of the Lithuanian S. S. R. Biul. stroi. tekh. 18 no. 8;29 Ag '61.

LITHUANIA—ECONOMIC CONDITIONS

Round of good deeds. J. Paleckis. Ogonek 39 no. 34; 6-7 Ag '61.

LITHUANIA—EDUCATION, HIGHER

Let's train creatively thinking specialists with a thorough knowledge of Marxism-Leninism. V. I. Niunka. Vest. vys. shkoly 10 no. 8-59-60 Ag '61

LITHUANIA—HISTORY

"Formation of the Lithuanian state" by V. T. Pashuto, Reviewed by H. Moora. Vop. ist. no. 9,150-155 S '61.

Picheta, V. I. [White Russia and Lithuania in the 15th and 16th centuries, studies on the history of their socioeconomic, political and cultural development] Belorussiia i Litva XV-XVI vv.; issledovaniia po istorii sotsial'no-ekonomicheskogo, politicheskogo i kul'turnogo razvitiia. Moskva, Izd-vo Akad. nauk SSSR, 1961. 314 p.

LITHUANIA—RAILROADS—MAINTENANCE AND REPAIR

Current maintenance of drainage systems. R. P. Gailius and others. Put' i put. khoz. 5 no. 7;12-14 Jl '61.

LITTLE'S DISEASE see Paralysis, Spastic

LIVER

Analysis of the mechanism of mitogenic irradiation of the liver in mice with implanted cancerous tumors [with summary in English]. V. F. Eremeev. Biul. eksp. biol i med 51 no. 4-102-106 Ap '61.

Changes in the liver in late stages of regeneration in rats [with summary in English]. Z. A. Rabinina. Biul. eksp biol. i med. 51 no. 4;114-118 Ap '61.

Determination of liver clearance with bromsulphalein. I. Mincu, N. Curban. Klin. med. no. 7;52-53 '61.

Effect of somatotropic hormone and cortisone on insulinase activity of the liver in young and sexually mature rats [with summary in English]. N. P. Smirnov. Biul. eksp. biol. i med. 51 no. 5; 11-13 My '61.

Liver clearance. Report No. 1: Determination of clearance with radioactive colloid gold. L. Mincu, R. Georgescu, N. Buscila. Klin. med. no. 7;50-51 '61.

LIVER (Continued)

Morphological changes in the liver in thyrotoxicosis [with summary in English] Li Guan-bi [Li Kuang-pi] Arkh pat 21 no 9 21-29 '59.

LIVER—ABSCESS

Clinical aspects and diagnosis of liver abscesses. I. L. Tarlov Klin med no. 7:39-43 '61

LIVER—DISEASES

Controlling fascioliasis in sheep in Dengizskiy District of Gur'yev Province D. K. Kazabaev, M. Amangaliev. Vest. sel'khoz nauki [Kazakh] 4 no 1 58-63 Ja '61

Enzymogram in chronic hepatitis and cirrhosis of the liver. R. Brauner and others. Klin med no 7, 27-39 '61.

LIVER—INNERVATION

Microscopic vascular anatomy of the human liver [in Georgian with summary in Russian] N. N. Mamporia Trudy Inst. eksp. morf. AN Gruz SSR 8 171-179 '60.

Problem of the effect of neural regulation of the liver on the course of experimental atherosclerosis [with summary in English] I. E. Gancheva Biul eksp biol i med 51 no 4 18-21 Ap '61

LIVER—TRANSPLANTATION

Effect of transplanting separate pieces of the liver into the abdominal cavity and central nervous system (data on the mechanism of formation of symptoms in the nervous system in hepatic insufficiency) [with summary in English]. T. Mares and others Arkh pat 21 no 10, 40-45 '59.

LOADING AND UNLOADING

(see also subdivision under Uzbekistan)

Bucket loader Na strot Rod. no. 7:32 Jl '61

Drilling and cutting ripper unit for unloading frozen rock, gravel, and sand Gor khoz Mosk 35 no 8 18 Ag '61.

Improving the design of the automatic brick stacker P. K. Dolinitsin Strol mat 7 no 8:30-32 Ag '61

Mechanization of loading and unloading at storage points. L. Bogushevich Strotel' no. 7 18-23 Jl '61

Mechanization of loading and unloading operations at a fleet warehouse G. Kudriashov Tyl i snab. Sov Voor Sil 21 no 7 83-85 Jl '61.

Organization of rhythmic loading in enterprises with intermittent system of working. IA. F. Gulev Zhel. dor. transp 43 no 8 76-80 Ag '61

Results of the testing of inertia unloading machines D. S. Pitukhin, V. N. Ramodin Vest TSNII MPS 20 no 5 33-37 '61

Semiautomatic control of cement loading operations E. A. Vallukov, V. M. Svitidov. TSement 27 no 4:26 Jl-Ag '61.

LOADING AND UNLOADING—EQUIPMENT AND SUPPLIES

Matveichuk, V. S. [Investigating loading and unloading devices having magnetic and vacuum clamps] Issledovanie zagruzochno-razgruzochnykh ustroistv s magnitnymi vakuumnymi zakhvatami. Pod red. A. N. Rabinovicha. L'vov, L'vovskii politekhn. in-t, 1959. 107 p.

Over-all mechanization of loading and unloading operations. V. F. Domaev Biul. tekh.-ekon. inform no. 6 74-75 '61

LOADING AND UNLOADING—SAFETY MEASURES

Bondar', IU. M. [Manual on safety measures for loading and unloading operations] Pamiatka rabochemu na pogruzochno-razgruzochnykh rabotakh. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 40 p. (Tekhnika bezopasnosti na dorozhnykh rabotakh)

LOANS

Zheliak, E. N. [Loan capital and loan interest. Circulation of money] Ssudnyi kapital i ssudnyi protsent. Denezhnoe obrashchenie. Kiev, 1959. 21 p. (MH)

LOCAL ELECTIONS

Elections to the local soviets of workers' deputies. Komm. Voorazh Sil 1 no. 3:40-42 F '61

A general and most thorough discussion. M. Khoshko Sov. deput trud. no. 9:39-42 S '61.

LOCAL FINANCE

"How to prepare and carry out the budgets of rural soviets" by R. Kudriashov, L. Chudinovich. Reviewed by I. Morozov. Sov. deput trud. no. 9 95-96 S '61.

LOCAL GOVERNMENT

Answering our readers' questions. Sov. deput. trud. no. 9:101-104 S '61.

Brief news of the work of the soviets. Sov. deput. trud. no. 9.107-108 S '61.

Comments and remarks. Sov. deput. trud. no. 9:91-92 S '61.

From the editor's mail. Sov. deput. trud. no. 9:90 S '61.

In the supreme soviets and the councils of ministers of the Union Republics Sov. deput trud no. 9 105-106 S '61

Present-day work of the soviets. B. Morozov Part zhizn' no 17 26-30 S '61

Together with state controllers. N. Lubavin Sov deput. trud. no. 9 53-56 S '61

The work of district soviets under new conditions. G. Kuksova Sov deput. trud no. 9 23-28 S '61.

LOCAL HISTORY—CATALOGS

A catalog of studies on local history N Svietashova Sots kul't no 8 38-39 Ag '61

LOCKJAW see Tetanus

LOCKS (HYDRAULIC ENGINEERING)

Solution of equations of the wave action of water and a ship in an oblique navigation lock chamber O. F. Vasil'ev Izv AN SSSR, Otd tekh nauk Mekh i mashinostr no, 1 54-61 Jl-Ag '61

LOCOMOTIVE ENGINEERS

[Locomotive engineers as innovators] Novatory mashinisty parovozov; sbornik statei. Moskva, Vses izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 134 p. (Zheleznodorozhniki - geroi sotsialisticheskogo truda)

LOCOMOTIVES

(see also subdivision under White Russia)

Analyzing the labor productivity of locomotive crews in a railroad division F. M. Fleishman Vest TSNII MPS 20 no 5 55-57 '61

LOCOMOTIVES—DESIGN

Standardization of diesel and electric locomotive units P. I. Lozovoi, V. L. Libraman Zhel dor transp 43 no. 8 51-52 Ag '61

LOCOMOTIVES—LUBRICATION

Goncharov, V. M., and V. V. Loktanov. [Economic use of lubricants for locomotive axles] Ekonomiia osevykh masel na parovozakh. Moskva, TSentr. dom. tekhn. zhel-dor. transp., 1959. 32 p. (Radionovatsiia, no. 2(74))

LOCOMOTIVES—MAINTENANCE AND REPAIR

(see also subdivision under Khovrino, Moscow Province)

Improving the utilization of locomotives on lengthened haul distances P. G. Muratov. Zhel dor. transp. 43 no 8 8-13 Ag '61

Kabenin, N. G., and E. G. Stetsenko. [Maintenance and inspection of locomotive trucks] Remont i proverki parovoznykh telezhek. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 133 p.

LOCUSTS see subdivision under Adzharistan

LODGING HOUSES

Don't forget your responsibilities. P. Petrov. Sov shakht 10 no 7 33 Jl '61

Our lodging house is a good one N. Roguta Sov shakht 10 no 7 34-35 Jl '61

LOESS

(see also subdivision under Ak-Gaza; White Russia)

Construction of dams from loess soils on settling foundations, method of mechanized dumping of loess into water N. N. Frolov Nauch. zap MIIVKH 23:197-209 '60.

Deformability of loess soils in different stressed states. A. A. Grigorian. [Trudy] NIIOSP no. 43;13-26 '61.

Effect of prolonged filtration on the compactibility of loess soils A. A. Kirillov. Nauch. zap MIIVKH 23: 92-136 '60

Investigating the compaction of loess foundations under hydraulic structures. N. N. Frolov Nauch zap MIIVKH 23,171-196 '60.

Problems involved in the construction of irrigation systems in loess soils A. L. Rubinshtein Nauch zap MIIVKH 23;3-19 '60.

Problems of planning and building on loess soils. V. A. Zurnadzhi. Osn., fund. i mekh. grun. 3 no. 4:28-29 '61.

Relation between the extent of settling deformations of loess soils and their moisture content. L. G. Balaev Nauch. zap. MIIVKH 23;49-66 '60.

Settling deformations in irrigation canals. I. P. Mochalov. Gidr. i mel. 13 no. 3:56-60 Mr '61.

Settling deformations of loess soils under irrigation canals of the Vakhsh irrigation system in the Tajik S. S. R. L. G. Balaev. Nauch. zap. MIIVKH 23-67-91 '60.

The technique of determining the settling characteristics of loess soils. T. I. Aref'eva. Nauch. zap. MIIVKH 23, 20-29 '60.

Visual estimation of the sagging properties of loess soils. B. P. Bulavin. Osn., fund. i mekh. grun. 3 no. 4:27 '61.

LOESS—TESTING

Field studies of the sagging of loess soils. A. Marchenko, A. Rabotnikov. Strol. i arkhit. 9 no. 8:28-30 Ag '61.

LOGIC, SYMBOLIC AND MATHEMATICAL

Algebra of pulse-potential objects. A. D. Talantsev. Dokl. AN SSSR 139 no 6 1332-1335 Ag '61

Algorithms for the simplification of disjunctive normal forms of finite indices IU. I. Zhuravlev. Dokl. AN SSSR 139 no 6 1329-1331 Ag '61.

Complexity of systems of depth two, built up from threshold elements. V. I. Varshavskii Dokl. AN SSSR 139 no 6 1325-1328 Ag '61

A logical concept. E. K. Voishvillo. Vop. filos. no. 6 109-118 '57.

Wittgenstein, Ludwig. [Tractatus logico-philosophicus. Translated from the German] Logiko-filosofskii traktat. Obshchaia red. i predisl. V. A. Asmusa. Moskva, Izd-vo inostr. lit-ry, 1958 131 p.

LOGICAL POSITIVISM

A conference devoted to the critical evaluation of logical positivism G. A. Volkov Vop filos 15 no 8 125-132 '61

LOLEIT, ARTUR FERDINANDOVICH, 1868-1933

Scientific and engineering activity of A. F. Loleit A. E. Lopatto Izv vys. ucheb. zav., stroi. i arkhit 4 no 4 177-187 '61

LOMONOSOV, MIKHAIL VASIL'EVICH, 1711-1765

Brilliant son of the Russian people S. A. Balezin. Khim. v shkole 16 no 1;3-10 Jl-Ag '61.

Critical evaluation of Lomonosov's historical works in Russian historiography A. M. Sakharov Vest Mosk. un. Ser. 9 Ist. 16 no 5 3-18 S-O '61

Lomonosov, the great poet of the Russian people A. V. Kokorev Vest Mosk. un. Ser. 7 Filol., zhur 16 no 5 3-22 S-O '61

M. V. Lomonosov in portraits, illustrations and documents N. I. Pakhomov. Khim. v shkole 16 no 4:11-22 Jl-Ag '61

Problems concerning the Russian state and law in M. V. Lomonosov's works I. D. Martysevich Vest Mosk. un. Ser. 10. Pravo 16 no. 3, 3-12 Jl-S '61

A resolution of the Russian Senate on the petition of M. V. Lomonosov's daughter Vest Mosk. un. Ser. 9 Ist. 16 no 5 34-41 S-O '61

Russian history from the 12th to the 17th century as presented in M. V. Lomonosov's literary works M. T. Beliavskii Vest Mosk. un. Ser. 9 Ist. 16 no 5 19-33 S-O '61

LOMONOSOV, MIKHAIL VASIL'EVICH, 1711-1765—BIBLIOGRAPHY see Bibliography—Lomonosov, Mikhail Vasil'evich, 1711-1765

LOMONSOV, MIKHAIL VASIL'EVICH, 1711-1765—HOMES AND HAUNTS

At M. V. Lomonosov's birthplace. A. F. Rodin Prep ist v shkole 16 no 5:89-90 S-O '61

LONDON—EXHIBITIONS

Soviet Union in Earls Court. I. Trofimenko. Vnesh. torg. 41 no. 8 insert 8 p '61.

They are going to see it in London. N. Svetlova. Ogonek 39 no. 25.3 Je '61.

LONDON, JACK, 1876-1916

Jack London's Odyssey. P. Aleksandrov. Vokrug sveta no. 8,62-63 Ag '61.

LOO—ANTIQUITIES

Findings in Loo. M. I. Ivanova, P. M. Golubev. Sov. arkheol 5 no 3:284-289 '61.

LOOMS

(see also subdivision under Czechoslovakia)

The AT-175-K automatic loom for manufacturing cord fabrics. N. S. Korzinkin Biul tekh.-ekon inform no. 7:60-61 '61

Justification of the modification of the shape of bobbin droppers of the shuttles on automatic looms N. A. Naumov. Tekst prom 21 no 7 38-42 Jl '61.

Modernization of the TV-160-ShL loom. L. Zelikovich Tekst prom 21 no. 7:14-15 Jl '61.

Our experience in the modernization of weaving equipment. A. V. Egorychev. Tekst. prom. 21 no 7:32 Jl '61

Volkov, P. V. [Arrangement and operation of mechanical looms for the cotton weaving industry] Ustroistvo i obsluzhivanie mekhanicheskikh tkatskikh stankov khlopchatobumazhnoi promyshlennosti. Izd. 3., ispr. i dop. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1960. 130 p. (Uchebniki i uchebnye posobiia dlia podgotovki rabochikh massovykh professii)

LOTUS, FOSSIL see subdivision under Kazakhstan

LOVE

Lapin, K. K. [One must believe in love; letters from Soviet citizens on friendship, love, marriage and the family] V liubov' nado verit'; po pis'mam sovetskikh liudei o druzhbe i liubvi, brake i sem'e. Moskva, molodaia gvardiia, 1957. 143 p. (MiU)

LOW TEMPERATURE RESEARCH

Density of H_2 - D_2 solutions [with summary in English]. V. N. Grigor'ev, N. S. Rudenko. Zhur. eksp. i teor. fiz. 40 no. 3:757-761 Mr '61

Heat conduction and diffusion of weak He^3 - He^4 solutions in the temperature range from the λ-point to 0.6° K [with summary in English]. I. P. Ptukha. Zhur. eksp. i teor. fiz. 40 no. 6:1583-1593 Je '61.

Viscosity of air, nitrogen, and argon at low temperatures and at pressures up to 150 atm [with summary in English]. G. P. Filippova, I. P. Ishkin. Inzh.-fiz. zhur. 4 no. 3:105-109 Mr '61

LOYEV—WORLD WAR, 1939-1945

At the beachhead. M. Agafonov. Voen. vest. 41 no. 5: 23-24 My '61

LU-HSUN, pseud. see Chou, Shu-Jen, 1881-1936

LUBRICATION AND LUBRICANTS

(see also subdivision under Berdyansk, Drogobych, Orenburg, Yaroslavl)

Calcium sodium lubricants based on synthetic fats. I. S. Levit. Proizv. smaz. mat. no. 6/8,28-35 '61

Closing word. G. E. Garzanov. Proizv. smaz. mat. no. 6/8 188-191 '61

Controllers of the lubrication of bearings in electric motors and oil pumps. S. D. Strom. Prom. energ. 16 no. 9:36 S '61.

Diesel lubricants used abroad. V. A. Somov. Energomashinostroenie 7 no. 7:47-48 Jl '61

Discussions. Proizv. smaz. mat. no. 6/8:141-167 '61.

Low-molecular paraffins as a prospective raw material for manufacturing lubricants. P. G. Gushanskaia. Proizv. smaz. mat. no. 6/8:35-45 '61

Mine car lubrication. Iu. Maloienko. Sov. shakht. 10 no. 7:17-18 Jl '61.

Modernization of equipment and apparatus for the production of lubricating greases. E. M. Khenkin. Proizv. smaz. mat. no. 6/8:138-143 '61

Problems pertaining to raw material and technology in producing lubricants based on synthetic fats for mass consumption. I. E. Dobkin. Proizv. smaz. mat. no. 6/8: 12-23 '61.

Technology of the production of synthetic fatty acids, derived from the oxidation of paraffin wax, and their use in manufacturing lubricating greases. M. A. Soskin. Proizv. smaz. mat. no. 6/8,67-77 '61

LUBRICATION AND LUBRICANTS—ADDITIVES

Results of research in the synthesis and uses of additives to lubricating oils. A. M. Kuliev, I. M. Grudzheva. Azerb. khim. zhur. no. 2:23-31 '60

Synthesis and study of the SB-3 (barium sulfonate-3), a new sulfonate additive to motor truck oils. A. M. Kuliev, K. I. Sadykhov, M. A. Mamedov. Azerb. khim. zhur. no. 6:77-82 '60

Testing the susceptibility to depressors of light oils, from Surakhany selected crudes, containing various amounts of paraffins. M. R. Musaev. Azerb. khim. zhur. no. 2, 25-28 '61

Use of radioisotopes in evaluating the characteristics of film formation by oil additives on friction surfaces. M. M. Melik-Zade and others. Azerb. khim. zhur. no. 2:127-134 '60

LUBRICATION AND LUBRICANTS—CONGRESSES

Resolution passed on July 11, 1959 by the conference-seminar on present conditions of production, use and quality of lubricants based on synthetic fatty acids. Proizv. smaz. mat. no. 6/8,192-197 '61.

LUBRICATION AND LUBRICANTS—TESTING

Evaluating the tendency of lubricating oils to scale formation. V. S. Demchenko and others. Khim. i tekh. topl. i masel 6 no. 8:53-58 Ag '61.

Interrelation between laboratory methods of testing and operational qualities of the synthetic lubricating greases. S. M. Meshchaninov. Proizv. smaz. mat. no. 6/8:95-118 '61.

Quality requirements of lubricating greases based on synthetic acids. V. V. Sinitsyn. Proizv. smaz. mat. no. 6/8:133-138 '61

Results of laboratory and operational testing of experimental lubricants on bearing of the rolling stock in railroad transportation. I. D. Kore. Proizv. smaz. mat. no. 6/8:126-132 '61.

Results of laboratory and operational testing of synthetic lubricants. O. S. Obleukhova. Proizv. smaz. mat. no. 6/8:119-126 '61.

LUGANSK—COAL MINES AND MINING—SAFETY MEASURES

Made in Lugansk. M. Mosin. Sov. shakht. 10 no. 7:15-16 Jl '61.

LUGANSK—ELECTRIC MACHINERY—MAINTENANCE AND REPAIR

Organizing the repair of electric equipment in enterprises of the Lugansk Economic Council. D. I. Gertsenshtein. Prom. energ. 16 no. 9:7 S '61.

LUGANSK—UNIVERSITIES AND COLLEGES

Studies and practical work. E. Ostapushchenko. Part. zhizn' no. 18 61-64 S '61.

LUGANSK PROVINCE—REVOLUTION, 1917-1921

"Lugansk Bolsheviks during the October Revolution" by V. Vatkovych. Reviewed by Zh. I. Isaienko. Ukr. ist. zhur. 5 no. 5:149-150 S-O '61

LUKASHEVKA—COINS, ROMAN

The Lukashevka hoard of bronze Roman coins from the 4th century. V. V. Kropotkin. Num. i epig. no. 1: 215-222 '60.

LUMBER—DRYING

Birlukov, V. A. [Dielectric heating and drying of wood] Protsessy dielektricheskogo nagreva i sushki drevesiny. Moskva, Goslesbumizdat, 1961. 147 p.

Equipment for drying lumber with high-frequency currents (from "Wood and Wood Products," 65, no. 10, 1960). Der. prom. 10 no. 8:31 Ag '61

Prospects for the development of lumber drying equipment. A. V. Akimin. Der. prom. 10 no. 8:1-3 Ag '61

LUMBER—STORAGE

Mechanization of lumber and reinforcing steel storage points. E. Bogushevich. Stroitel' no. 8:14, 19-23 Ag '61

LUMBERING

Improve the working of the new wage systems in lumbering. K. Ippolitov. Sots. trud. 6 no. 8:52-59 Ag '61

Postwar efforts to ensure the regular labor supply of lumber camps with skilled workers, from 1946 to 1955. D. V. Kolomin. Uch. zap. TGU no. 37 209-223 '58.

LUMBERING—HYGIENIC ASPECTS

Zverev, I. S., and E. L. Zelenskaia. [Protection of labor in the lumbering industry] Okhrana truda v lesnoi promyshlennosti. Moskva, Goslesbumizdat, 1961. 239 p.

LUMINESCENCE

Characteristics of light absorption and luminescence in binary solid solutions of low concentration. A. F. Lubchenko. Opt. i spektr. 10 no. 6:727-736 Je '61

Conditions for the appearance of luminescence in solutions of inorganic salts. M. U. Bilyi. Visnyk Kyiv. un. no. 2 Ser. fiz.-ta khim. no. 1:46-52 '59.

Duration of the photoluminescence and radioluminescence of anthracene and naphthalene crystals. M. D. Galanin, Z. A. Chizhikova. Opt. i spektr. 11 no. 2:271-273 Ag '61.

Effect of infrared light on the luminescence of silver chloride. V. M. Belous, N. G. D'iachenko. Opt. i spektr. 10 no. 5:649-652 My '61.

Investigation of the thermoluminescence of certain KCl crystal phosphors. A. Kh. Khalilov, T. D. Alieva. Izv. AN Azerb. SSR Ser. fiz.-mat. i tekh. nauk no. 6:85-90 '60

Luminescence from a detonation. I. M. Voskoboinikov. PMTF no. 1:133-134 My-Je '60

Recombination luminescence of indium antimonide in avalanche discharges. N. G. Basov, B. D. Osipov, A. N. Khvoshchev. Zhur. eksp. i teor. fiz. 40 no. 6:1682 Je '61.

Relation between recombination luminescence and conductivity in anisothermal conditions. K. K. Rebane. Fiz. tver. tela 2 no. 2:273-274 F '60.

Study of the concentration effects in solutions of certain organic compounds. L. V. Levshin, V. G. Bochanov. Opt. i spektr. 10 no. 5:627-633 My '61.

Theory of thermoluminescence of impurity crystals. Iu. E. Perlin, A. D. Marinchuk, L. Z. Kon. Fiz. tver. tela 3 no. 8:2401-2412 Ag '61

LUMINESCENT SUBSTANCES

Luminescent silicate enamel. V. I. Dolgopolov, L. N. Dolgopolova, G. F. Kamaeva. Svetotekhnika 7 no. 3:18-21 Mr '61.

Some results of studying the process of the deterioration of a luminophor during electroluminescence. N. N. Grigoriev, Iu. A. Kulupin. Opt. i spektr. 10 no. 6:780-786 Je '61.

LUNAR ECLIPSES see Eclipses, Lunar

LUNGS—BLOOD VESSELS

Age aspect of microscopic vascular anatomy of the human lungs [in Georgian with summary in Russian]. T. A. Gibradze. Trudy Inst. eksp. morf. AN Gruz. SSR 8:181-195 '60.

Bronchi, arteries, and veins of the human lungs [in Georgian with summary in Russian]. T. A. Gibradze. Trudy Inst. eksp. morf. AN Gruz. SSR 8:59-81 '60.

LUNGS—DISEASES

Interprovince conference of pediatricians in Krasnoyarsk. Kh. Eselevich. Vop. okh. mat. i det. 6 no. 7:93-94 Jl '61.

Ivanov, A. F. [Pathoanatomical changes in the lungs in radiation sickness] Patologoanatomicheskie izmeneniia legkikh pri luchevoi bolezni. Pod red. N. A. Kraevskogo. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 153 p. (DNLM)

Locking arteries of the lungs, pleura and pleural adhesions [with summary in English]. V. S. Zhdanov. Arkh. pat. 21 no. 9,36-42 '59

Paragonimiasis. N. N. Cheprakov. Voen.-med. zhur. no. 5:81-82 My '61

LUNGS—DUST DISEASES

"Pathological anatomy of silicosis" by S. F. Serov. Reviewed by B. P. Ugriumov, V. I. Braude. Arkh. pat. 21 no. 10:74-75 '59

LUNGS—SURGERY

Late results of excision of the lower lobe and lingual segments of the left lung complicated by forced pneumothorax. P. I. Egorov. Pediatriia no. 3:42-43 '61

Method of segmental pulmonary resection. O. I. Burdzhanadze. Soob. AN Gruz. SSR 26 no. 4:493-496 Ap '61

LUNGS—WOUNDS AND INJURIES

Case of pronounced barotrauma of the lungs with arterial gas embolism. V. A. Miasnikov, G. V. Mashkov. Voen.-med. zhur. no. 5:77-79 My '61

LUPINE

Division of the U. S. S. R. into agroclimate regions based on lupine yields. A. T. Nikiforova. Trudy NIIAK no. 10:70-92 '61

Effect of scarification on the germinability of perennial lupine [with summary in English]. Kh. K. Asarov. Izv. TSKhA no. 2:224-227 '61

LUSTER—MEASUREMENT

Measurement of gloss. V. S. Khazanov, I. I. Bloshtein. Svetotekhnika 7 no. 7:26-28 Jl '61

LUTETIUM—ISOTOPES

Studying the spectrum of conversion electrons in neutron-deficient lutetium isotopes. A. A. Abdurazakov and others. Izv. AN Uz. SSR Ser. fiz.-mat. nauk 3:53-60 '61

LVOV—GROUP READING

Extracurricular literary activities of schools. T. I. Marusenko. Nauk. zap. L'viv. derzh. ped. inst. 16:152-162 '60.

LVOV PROVINCE—AGRICULTURE—STUDY AND TEACHING

All rural schools should have a farm for training and experimentation. M. M. Tomenko. Rad. shk. 40 no. 6: 24-26 Je '61

LVOV PROVINCE—AMATEUR ART ACTIVITIES

A thousand new amateur ensembles in a year. O. Poroshina. Sots. kul't. no. 8:25-26 Ag '61

LVOV PROVINCE—BONUS SYSTEM

Bonuses issued to enterprise workers, socialist competition victors. E. Sivik. Sots. trud. 6 no. 8:130-131 Ag '61.

LVOV PROVINCE—CITIES AND TOWNS, ANCIENT

Main stages in the development of the ancient Pleseask. M. P. Kucheva. Mat. i dosl. z arkheol. Prikarp. i Vol. no. 2:132-145 '59.

LVOV PROVINCE—EXCAVATIONS (ARCHAEOLOGY)

Excavations in 1957 at the Ripnev settlement (Ripnev II), Lvov Province, dating to the first thousand years A. D. V. D. Baran. Mat. i dosl. z arkheol. Prikarp. i Vol. no. 2:102-113 '59.

LVOV PROVINCE—PASTURES AND MEADOWS

Seed productivity in lowland meadow plants under conditions prevailing in Lvov Province [with summary in English]. T. K. Zelenchuk. Ukr. bot. zhur. 18 no. 4 91-99 '61.

LVOV PROVINCE—POTTERY, PRIMITIVE

New monuments dating to the "burial ground" culture on the territory of Lvov and Ternopol' Provinces. V. P. Savich. Mat. i dosl. z arkheol. Prikarp. i Vol. no. 2 114-118 '59.

LVOV-VOLYN' BASIN—COAL MINERS

The mine is proud of them. V. Belozerov. Sov. shakht. 10 no. 9:39 S '61.

LYMPH

Effect of lymph on the cardiovascular system of animals, effect of lymph on the excitability of the vagosympathetic nerve trunk of a frog. T. A. Gavrilova. Trudy Kirov otd. Vses. fiziol. ob-va 1 no. 1:55-59 '60.

Effect of lymph on the cardiovascular system of animals; effect of lymph on the isolated heart of warm-blooded animals. T. A. Gavrilova. Trudy Kirov otd. Vses. fiziol. ob-va 1 no. 1:52-54 '60.

LYMPHATICS

Apparatus for lymph node perfusion [with summary in English]. Iu. I. Borodin. Biul. eksp. biol. i med. 51 no. 5:124-125 My '61

Morphology of the lymphatic system of kidneys [in Georgian with summary in Russian]. M. IA. Tatishvili. Trudy Inst. eksp. morf. AN Gruz. SSR 8:261-268 '60.

New data on the functional morphology of the lymphatic system of the endocrine glands. D. A. Zhdanov. Probl. endok. i gorm. 7 no. 4:52-62 '61.

LYMPHATICS—DISEASES

Acute nonspecific mesenterial lymphadenitis. E I Isaev Voen.-med. zhur no 5 62 My '61

LYPYNS'KYI, VIACHESLAV, 1882-1931

Bosyi, Volodymyr. [Viacheslav Lypyns'kyi, ideologist of the Ukrainian labor monarchy] V'iacheslav Lypyns'kyi - ideolog ukrains'koi trudovoi monarkhii. Toronto, Canadian mosaic publisher, 1951. 160 p. (Ukrains'kyi naukovyi instytut im. V. Lypyns'koho. Vyd. no. 2) (InU)

LYTKARINO—RADIO CLUBS

Radio amateurs of Lytkarino. Radio no. 3:7 Mr '61.

LYTTLETON, ELIZABETH

"Reapers of the storm"; a novel by E. Lyttleton, H. Sturz. Reviewed by I. M. Maiskii. Moskva 5 no. 8:78-79 '61.

LYUBAN' DISTRICT—COLLECTIVE FARMS

Marshes are in the past. N. Tarasenkova. Ogonek 39 no. 34:16 Ag '61.

LYUBINSKIY DISTRICT—EDUCATION

Good example. L. Smirnov Nar. obr. no. 9 25-27 S '61

LYUDINOVO DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

The crossroads of Lyudinovo District. IA. Fomenko Part. zhizn' no 19 68-74 O '61

MACARONI

Investigation of the surface roughness of macaroni products K P. Gus'kov, IU. A. Machikhin, IU. V. Kalinin. Izv vys. ucheb. zav., pishch. tekh. no 4:92-94 '61.

MACHINE ACCOUNTING

(see also subdivision under Ukraine)

Accounting and reports in an enterprise. M. Masalov. Nar. khoz. Kazakh. 19 no. 8, 59-62 Ag '61.

Automatization of accounting operations in storage systems for petroleum products. M. IA. Ginzburg, Ch. S Agalarov. Azerb. neft. khoz 40 no 1 41-44 Ja '61

Isakov, V. I., and M. A. Korolev. [Over-all accounting mechanization using accounting-punched card machines] Voprosy kompleksnoi mekhanizatsii ucheta (s primeneniem schetno-perforatsionnykh mashin). Moskva, Gosfinizdat, 1961. 293 p.

TSentral'nyi institut tekhnologii i organizatsii mashinostroeniia. Otdel organizatsii proizvodstva. [Organizing work according to the sorting method; planning, regulation and production accounting. Work practice of machinery manufacturing plants in the German Democratic Republic. Translated from the German. Preface by V. I. Somenenko] Organizatsiia raboty po sortirovochnomu metodu; planirovanie, regulirovanie i uchet proizvodstva. Opyt raboty mashinostroitel'nykh zavodov Germanskoi Demokraticheskoi Respubliki. Moskva, Gosplanizdat, 1961. 111 p.

MACHINE-SHOP PRACTICE

Determining errors in the position of surface in machining parts. A. S. Shevelev, G. P. Fedorchenko. Izv vys. ucheb. zav.; av. tekh. 4 no. 3:134-143 '61

From the secondary school to the shop. V. Gaponova. Grazhd. av., 18 no. 8:5 Ag '61.

Vydrin, A. I., and M. Z. Gamus. [Partial mekhanization and automation in assembly shops] Malaia mekhanizatsiia i avtomatizatsiia v sborochnom tsekhe. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 164 p.

MACHINE-SHOP PRACTICE—EXAMINATIONS, QUES-

secondary schools, I. S. Figanov, no. 6:65-68 Je '61.

Odessa)
22d Congress of
4 S '61.
s of the 22d Con-
no. 9, 1-2 S '61.
machine-tool parts,
r. 32 no. 8:1-4

Y CONTROL see

LOGICAL INNOVA-
rad; Moscow

allel step-by-step
sh. 41 no. 8:

dard spindle heads
. Moskva, Gos.
lit-ry, 1961.

Gal'tsov, A. D., and others, eds. [Reference book for establishing norms in the manufacture of machinery, in 4 volumes] Spravochnik normirovshchika-mashinostroitelia; v 4 tomakh. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry.

Vol. 2. [Establishing technical norms for operating machine tools] Tekhnicheskoe normirovanie stanochnykh rabot. Pod red. E. I. Struzhestrakha. 1961. 892 p.

New machine tools Stan. i instr. 32 no. 8:37-39 Ag '61.

The 1187 automatic line for machining exhaust collectors. A. A. Lapin. Biul tekh.-ekon inform no 7:35-37 '61

The 2k73, 2K88 and 2K89 pipe-finishing machines. E. A. Monakhov, N. I Gul'din. Biul tekh.-ekon inform no. 7, 45-47 '61

MACHINE TOOLS—ATTACHMENTS

TSiporin, IU. A., and IU. I. Kuznetsov. [Fundamentals for designing pneumatic and hydraulic attachments] Osnovy konstruirovaniia pnevmaticheskikh i gidravlicheskikh prisposobleni. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 358 p.

MACHINE TOOLS—ELECTRIC DRIVING

The PMU regulated electric drive with magnetic amplifiers for machine tools IA. B. Rozman, I. V Dranitskii Stan. i instr 32 no 8, 4-7 Ag '61

MACHINE TOOLS—TECHNOLOGICAL INNOVATIONS

Eight machine tools do the work of thirty. A. IAlaev. Grazhd. av. 18 no 8 3 Ag '61.

MACHINE TRANSLATING

Concerning the ε -structure of the distribution of omissions T. G. Gachechiladze, G. N TSeretavadze, G B Chikoidze. Trudy Inst. elek., avtom. i telem AN Gruz SSR 2 3-16 '61.

Method for constructing synthetic networks for machine translating [in Georgian with summary in Russian]. M E Damenia. Trudy Inst. elek., avtom i telem AN Gruz. SSR 2 43-50 '61

Method for distiguishing homonymous forms in the synthesis of machine translating [in Georgian with summary in Russian]. M. E Damenia Trudy Inst elek., avtom i telem. AN Gruz. SSR 2 51-54 '61.

[Scientific methods of language research; on the so-called "mathematical linguistics"] O tochnykh metodakh issledovaniia iazyka, o tak nazyvaemoi "matematicheskoi lingvistike." [By] O. S. Akhmanova i dr. [Moskva] Izd-vo Mosk. univ., 1961. 161 p.

MACHINERY—BIBLIOGRAPHY see Bibliography—Machinery

MACHINERY—CONSTRUCTION

[Machinery manufacture.] Ref. zhur.: Mashinostr. no. 17 S '61.

[Machinery manufacture.] Ref. zhur.: Mashinostr. no. 18 S '61.

Power and metal N. Poddi'iakov. Izobr i rats. no. 9 3, 30 S '61

Reliability is the most important technical characteristic. IU. Savenko, V. Zhdanov. NTO 3 no. 9:35-36 S '61.

MACHINERY—ERECTING WORK

Preparing engineers for assembly organizations. B I. Filippov Mont i spets. rab. v stroi 23 no. 8:29-31 Ag '61.

MACHINERY—INSPECTION

Preventing breakdowns of the high pressure boiler units. I. A. Molchanov. Bezop. truda v prom. 5 no. 8, 7-10 Ag '61.

MACHINERY—MAINTENANCE AND REPAIR

Fundamentals of the theory of reliability of machines. V. N. Treter. Dokl. AN BSSR 5 no. 8:341-343 Ag '61.

Machine repair economics and organization in the national economy. A. Omarovskii. Vop. ekon. no. 9: 86-91 S '61.

MACHINERY—SAFETY MEASURES

Machinery design must meet the requirements of safety engineering. IU. N. Miachkov. Put' i put. khoz. 5 no. 8:9 Je '61.

MACHINERY—TRANSMISSION DEVICES

Universal braking unit for studying machine transmissions. V. G. Vovk and others. Stroi i dor. mash. 6 no 8: 18-21 Ag '61.

MACHINERY, KINEMATICS OF

Analyzing errors in kinematic chains of machinery. V. A Shishkov. Vzaim. i tekh. izm v mashinostr., mezhvuz sbor. no. 3, 102-121 '61.

Determination of the starting time of a drive with a friction clutch. IU. I Anosov. Izv vys. ucheb. zav.; elektromekh. 4 no. 9:94-98 '61.

Experimental determination of static and rotative moments of industrial machinery and mechanisms. P. S. Bondarenko. Prom. energ. 16 no. 9:8-13 S '61.

Periodic movements of a vibratory percussion system with a two-cycle internal-combustion engine E. G Kul'man, A V. Shilakhtin Trudy Inst mash Sem po teor mash 32 no. 87:62-68 '61

MACHINERY INDUSTRY

(see also subdivision under Chimkent; Kolpino, Leningrad; Moscow; Penza Province, Soviet Central Asia, Sverdlovsk, Turkmenistan, Ukraine)

Automation and technological progress. K. Klimenko. Vop. ekon no. 9 14-22 S '61.

Determining the mechanization and automation levels of production processes in machinery manufacturing A Terekhov Biul nauch. inform., trud i zar. plata 4 no 7 11-18 '61

Great possibilities of the machinery industry. A. Koshkarev Kommunist 38 no 15:85-86 O '61

Scientific achievements and the objectives of the Soviet machinery industry S V Pinegin Vest. mash. 41 no 8, 3-6 Ag '61

Urgent problems in production organization in machinery manufacturing G. M. Sverbilov Nauch. zap. Kiev. fin.-ekon. inst. no. 9:3-19 '59.

MACHINERY INDUSTRY—ACCOUNTING see subdivision under Germany, East

MACHINERY INDUSTRY—COMPETITIONS

All-Union competition for the best work on the organization and equipment of working areas in a machinery plant Stan. i instr. 32 no 8:40 Ag '61

MACHINERY INDUSTRY—COSTS

Gol'fgat, S. N. [Production costs of a machinery manufacturing enterprise] Sebestoimost' produktsii mashinostroitel'nogo predpriiatiia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 126 p. (Bibliotechka po zavodskoi ekonomike)

MACHINERY INDUSTRY—LABOR PRODUCTIVITY see subdivision under Leningrad

MACHINERY INDUSTRY—MANAGEMENT

(see also subdivision under Moscow)

Klimov, A. N., I. D. Olonev, and S. A. Sokolitsyn. [Organizing and planning the operations of a machinery plant] Organizatsiia i planirovanie mashinostroitel'nogo zavoda. Moskva, Nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 512 p.

Rutman, G. L. [Management of a machinery plant] Upravlenie mashinostroitel'nym zavodom. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 97 p. (Bibliotechka po zavodskoi ekonomike)

Specialization is the main factor for the technological development of the manufacture of machinery. G. A. Ivanov. Vest. mash. 41 no. 8 73-78 Ag '61

MACHINERY INDUSTRY—PRODUCTION STANDARDS

Moskovskii dom nauchno-tekhnicheskoi propagandy imeni F. E. Dzerzhinskogo. [Establishing consolidated norms in machinery manufacturing] Ukrupnennoe normirovanie v mashinostroenii. Pod red. A. D. Gal'tsova. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 246 p.

MACHINERY INDUSTRY—TECHNOLOGICAL INNOVATIONS see subdivision under Mytishchi)

MACROMOLECULAR COMPOUNDS

High polymer piezoelectric substances. I. S. Rez. Kristallografiia 6 no. 4:646-649 Jl-Ag '61.

MAGNESIUM—ANALYSIS

Arsenate-iodometric determination of magnesium and calcium in case of their simultaneous presence. G B. Shakhtakhtinskii, G. A. Aslanov. Trudy Azerb gos zaoch. ped. inst. 6:83-92 '59.

Arsenate method of the iodometric determination of magnesium and the permanganatometric determination of calcium in the presence of iron, aluminum, and titanium. G. B. Shakhtakhtinskii, G. A. Aslanov. Azerb. khim. zhur. no. 3:133-136 '60.

Comparative characteristics of the arsenate-iodometric determination of magnesium. G. B. Shakhtakhtinskii, G A. Aslanov. Azerb. khim. zhur. no. 2:63-68 '61.

Separate determination of calcium and magnesium in lime carbonate. N. M. In'kova, N. F. Klement'eva. Khim. i tekh. topl. i masel 6 no. 8:64-65 Ag '61.

MAGNESIUM—CORROSION

Romanov, V. V. [Corrosion of magnesium] Korroziia magniia. Moskva, Izd-vo Akad. nauk SSSR, 1961. 66 p.

MAGNESIUM ALLOYS—METALLOGRAPHY

Recrystallization and softening of alloys of magnesium with manganese, aluminum and calcium at high temperatures. M. E. Drits and others. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 4:102-110 Jl-Ag '61.

MAGNESIUM-ALUMINUM ALLOYS see Aluminum-magnesium alloys

MAGNESIUM-ALUMINUM-ZINC ALLOYS see Aluminum-zinc-magnesium alloys

MAGNESIUM-CADMIUM ALLOYS—TESTING

Plasticity of ordered alloys in the system magnesium - cadmium K K. Kasymbekova, A A Presniakov Izv AN SSSR. Otd tekh. nauk Met i topl no 1 101-102 Ja-Ag '61.

MAGNESIUM CHLORIDE

Solubility in the system LiCl - NaCl - $MgCl_2$ - H_2O at 25 and 75° I. N. Lepeshkov, N. N. Romashova Zhur neorg khim 6 no 8 1967-1971 Ag '61

MAGNESIUM HYDRIDES—SPECTRA

Appearance of the green spectral bands of the MgH molecule in a flame E. D. Bugrim, A. I. Liutyi, V. S. Rosslyhin. Opt. i spektr 10 no 6:804-806 Je '61

MAGNESIUM INDUSTRY—HYGIENIC ASPECTS

Ways to reduce the number of accidents in the magnesium industry. A. I Sprygin Bezop. truda v prom. 5 no 8 10-11 Ag '61

MAGNESIUM OXIDE

"Selectivity" of the thermal radiation of CaO and MgO. V. A. Sokolov, A. N. Gorban', N. A. Nazimova Opt i spektr. 11 no 2:273-274 Ag '61

MAGNETIC AMPLIFIERS

Calculation of the volume of steel contained in magnetic amplifiers with noncontact reversive circuits with six chokes for controlling short-circuited three-phase asynchronous motors. V. L. Benin, I. N. Senkevich. Izv. vys. uchcb. zav., elektromekh 4 no. 6:61-71 '61

Control features of a reversing magnetic amplifier feeding a complex load. V V. Krluchkov. Trudy MAI no. 134:142-149 '61

Problem concerning the calculation of transient processes in a saturable reactor with time-wise change in the load of the choke. N. S. Chakhirov. Trudy Inst elek., avtom. i telem. AN Gruz. SSR 2 33-38 '61.

Stefanovich, T. Kh. [Magnetic amplifiers for the automation of industrial systems] Magnitnye usiliteli dlia avtomatizatsii promyshlennykh ustanovok. Moskva, Gos. energ. izd-vo, 1961. 247 p.

MAGNETIC ANOMALIES

Treatment of the theory of the analytic extension of potential fields in courses on the interpretation of magnetic and gravity anomalies V. N. Strakhov. Izv. vys. ucheb. zav., geol. i razv. 4 no. 7 126-133 Jl '61.

MAGNETIC CIRCUITS

Calculation of a network with a saturable reactor feeding an inductive load. Sh. I. Lutidze, E. L. Blinkov Elektroenergetika no. 4:49-54 '61.

MAGNETIC CIRCUITS—COOLING

New system for cooling the magnetic circuit of an electric transformer used in induction heating V. G. Tikhomirov. Vest. elektroprom. 32 no 8:29-30 Ag '61.

MAGNETIC FIELDS

Achromatic magnetic mirrors V. M. Kel'man, S. IA IAvor, T. IA. Fishkova. Zhur. tekh fiz. 30 no. 2.129-137 F '60.

Analyzing the possibility of obtaining stationary magnetic fields in coils cooled by liquid hydrogen. E. S. Borovik, F. I Busol, S. F. Grishin. Zhur. tekh. fiz. 31 no. 4: 459-466 Ap '61.

Author's correction to his article "Theory of linear irreversible processes in a high magnetic field." (Fizika tverdogo tela," Vol. 3, p. 1342, 1961), M. I. Klinger. Fiz. tver. tela 3 no. 8:2507-2508 Ag '61.

Comments on the theory of electronic plasma in a magnetic field V. L. Bronch-Bruevich, A. G. Mironov Fiz tver. tela 2 no. 3.489-498 Mr '60.

Conical-shaped hollow electron beam in a "conical" magnetic field. T. F. Loginova. Radiotekh. i elektron. 6 no. 9.1540-1544 S '61.

Cotton-Mouton effect in the region of the impurity absorption of light. A. F. Lubchenko. Opt. i spektr. 10 no. 3: 378-383 Mr '61.

Determination of the ellipticity coefficient of the magnetic field of the massive rotor of an electric machine. A. A. Lebedev. Izv. vys. ucheb. zav.; elektromekh. 4 no. 8:18-21 '61.

Effect of a constant magnetic field on the stability of a homogeneous plasma in the field of a traveling electromagnetic wave T. F. Volkov. Zhur. tekh. fiz. 31 no. 9 1149-1151 S '61.

Effect of a magnetic field on the operation of a plasma thermoelement. G. E. Pikus. Zhur. tekh. fiz 31 no. 8: 1013-1016 Ag '61.

Effect of a variable magnetic field on the propagation of circularly polarized radiation in a substance. O. IA. Savchenko. Opt. i spektr. 11 no. 2:223-228 Ag '61.

Effect of deformations and of a magnetic field on exciton absorption in cubic crystals. A. G. Zhilich. Fiz. tver. tela 3 no. 7:2041-2047 Jl '61.

Electromagnetic field of a low-frequency vertical magnetic dipole situated above the surface of a conducting magnetic half-space. V. S. Semenov. Izv. vys. ucheb. zav.; fiz. no. 3:134-139 '61.

Focusing of a relativistic electron beam moving in rapidly shifting magnetic field. TS. I. Gutsunaev. Zhur. tekh. fiz. 31 no. 4 389-393 Ap '61.

Focusing of extended intensive electron beams by periodic additional magnetic and electric fields. P. I. Strelnikov, A. I. Fedorenko, B. M. Chernyi. Zhur. tekh. fiz 31 no 4:394-399 Ap '61

Generation of pulse magnetic fields of long duration. E. S. Borovik, A. G. Limar'. Zhur. tekh. fiz. 31 no 8: 939-943 Ag '61.

Gigantic quantum oscillations of sound absorption by metals in a magnetic field [with summary in English] V. L. Gurevich, V. G. Skobov, IU. A Firsov. Zhur. eksp i teor. fiz. 40 no 3:786-791 Mr '61.

Graphic representation for the density function of the magnetization of a particle system I. IA Kobelev Izv vys. ucheb. zav.; fiz. no 3:155-163 '61

Investigation of a magnetic trap. K D. Sinel'nikov and others. Zhur. tekh fiz. 30 no. 3 256-260 Mr '60

Investigation of the focusing properties of a paraboloidal magnetic lens P. I. Strel'nikov, A I Fedorenko Zhur tekh fiz. 30 no. 2 138-141 F '60

Magnetic field of a rectangular coil carrying a current. V. A. Biriukov, V. I. Dunilov. Zhur. tekh. fiz 31 no. 4: 428-435 Ap '61.

Mechanism of the oscillations of a volume charge in quasi-compensated ion beams. M V Nezlin. Zhur. tekh. fiz. 30 no. 2 168-177 F '60.

Movement of charged particles in a spatial periodic magnetic field. K. D Sinel'nikov, B N. Rutkevich, V D. Fedorichenko. Zhur. tekh fiz. 30 no 3 249-255 Mr '60.

Movement of particles in a spiral toroidal magnetic field A. I Morozov, L. S Solov'ev. Zhur tekh fiz. 30 no 3 271-282 Mr '60.

Movement of particles in a toroidal modulated magnetic field. A. I. Morozov, L. S. Solov'ev. Zhur tekh fiz. 30 no 3 261-270 Mr '60.

Nonlinear calculations for magnetic flaw detection in the range of medium and strong field (10^2 - 10^3 oersteds) and their experimental verification. R. E Ershov. Izv vys. ucheb. zav., fiz. no. 3:122-133 '61.

Optical properties of axisymmetrical magnetic fields with a central source of charged particles. S A Kuchai Zhur tekh. fiz. 30 no 2 142-152 F '60.

Properties of semiconductors with extremum loops. Part 6. Angle dependence of combination resonance in a high magnetic field. E. I. Rashba, V. I. Sheka. Fiz. tver. tela 3 no. 8:2369-2376 Ag '61

Quantum theory of Vavilov-Cherenkov radiation by magnetic moments. A. B. Kukanov. Opt. i spektr. 10 no. 3:280-286 Mr '61.

Sagging of the potential on the discharge axis with electron oscillation in a magnetic field. M. D. Gabovich, O A Bartnovskii, Z. P Fedorus Zhur. tekh fiz. 30 no. 3:345-353 Mr '60.

Stability of a thin annular plasma conductor in a magnetic field. IU. V. Vandakurov. Zhur tekh fiz 30 no 3 330-337 Mr '60.

Theory of the interaction between a charged particle and plasma in a magnetic field [with summary in English] I. A. Akhiezer. Zhur. eksp. i teor. fiz. 40 no 3 954-962 Mr '61.

Thermodynamics of antiferromagnetics in a magnetic field [with summary in English] V. IL. Bar'iakhtar, V. A. Popov. Ukr. fiz. zhur. 6 no. 3:340-352 My-Je '61.

Transition from the antiferromagnetic state to a weak ferromagnetic state in a magnetic field [with summary in English]. N. M. Kreines. Zhur eksp. i teor. fiz. 40 no. 3:762-774 Mr '61.

Use of a spectroscope in determining the deionization rate of cesium vapors in a magnetic field. IU. M. Alenkovskii, V. L. Granovskii. Radiotekh. i elektron. 6 no. 9:1590-1592 S '61.

Vertical focusing of an electron beam by means of cylindrical magnetic lenses in an axisymmetrical magnetic field of radially increasing intensity V. M. Kel'man and others. Zhur. tekh. fiz. 30 no. 2 153-158 F '60.

MAGNETIC INSTRUMENTS

Improvement of the MGD-2 magnetic fault detecting scope. Sh. TS. Goliianskii, V. P. Krivusha, O. F. Zaitz. Energetik 9 no. 4:19-20 Ap '61.

MAGNETIC MATERIALS

Anisotropy constants of ferromagnetic cubic crystals A. S. Viglin. Fiz. tver. tela 2 no. 2:331-346 F '60.

Fine structure of the microwave Faraday effect in paramagnetic substances. L. IA. Shekun. Zhur. tekh. fiz 31 no. 9. 1146-1147 S '61.

Interaction of conductivity electrons induced by spin waves in a ferromagnetic [with summary in English]. S. V. Vonsovskii, M S. Svirskii. Zhur. eksp. i teor. fiz. 40 no. 6:1676-1681 Je '61.

Kobelev, V. V., and A. A. Korsunskii. [Domain structure of uniaxial ferromagnetic films] Domennaia struktura odnoosnykh ferromagnitnykh plenok, Moskva, In-t tochnoi mekhaniki i vychislitel'noi tekhniki Akad. nauk SSSR, 1961. 29 p. (Elektronnye vychislitel'nye mashiny)

Quasi-classical theory of amorphous ferromagnetics. A. I. Gubanov. Fiz. tver. tela 2 no. 3:502-505 Mr '60.

MAGNETIC MEASUREMENTS

Automatic measurement of wire speed and meterage in the drawing process I G Grinman, L S Mikhailova. Trudy Inst fiz AN kazakh. SSR 1:147-150 '61.

Measuring the angular distribution for the Al^{27} (p, p') Al^{27*} reaction with the aid of a magnetic analyzer when E_p=6.6 Mev. S. S. Vasil'ev, E. A Romanovskii, G. F Timushev Zhur eksp. i teor. fiz. 40 no 3 972-973 Mr '61.

MAGNETIC MEMORY (CALCULATING MACHINES)

Economizing on memory cells in closed operator systems. S. S. Lavrov. Zhur vych mat i mat. fiz. 1 no 4 687-701 Jl-Ag '61.

MAGNETIC RECORDERS AND RECORDING

Correspondence courses for operators of sound recording apparatus. L. A. Demikhovskii Nauka i zhizn' 28 no. 7:59 Jl '61.

MAGNETIC RESONANCE ACCELERATOR see Cyclotron

MAGNETIC SEPARATION OF ORES
(see also subdivision under Olenogorsk)

Calculating the susceptibility of open magnetic systems in separators A A Bel'skii Obog. rud. 5 no. 3:42-48 '60

Dressing of magnetite taconites from the Mesabi deposit, U. S. A. [from "Mining Engineering," no. 12, 1958, no. 9, 1959]. V. G. Derkach, A. M. Levitskii. Obog rud 5 no. 5:53-56 '60.

Drum separators designed by the "Scientific Research and Planning Institute for the Mechanical Processing of Minerals" and intended for the wet magnetic separation of magnetites. V. G. Derkach and others. Obog rud 4 no. 4 34-44 '59.

Dynamics of the movements of ore particles on magnetic separator drums. V. G. Derkach. Obog rud 5 no 6: 38-10 '60.

Effect of the magnetic system pole spacing and the speed of drum rotation on the dry separation process. V. G. Derkach, R. I Shupanovskaia Obog. rud 5 no. 4 27-34 '60.

Equipment for the separation of magnetic impurities. S. E. Fridman. Obog. rud 4 no. 1:34-38 '59.

Magnetic separation of coal with activated admixtures G. A. Adamov. Izv. AN SSSR. Otd. tekh. nauk Met i topl. no 4:126-136 Jl-Ag '61

Use of aluminum wire for coils in electromagnetic separators; an abstract. A. M. Levitskii. Obog rud 4 no. 1:37-39 '59.

MAGNETIC SEPARATION OF ORES—EQUIPMENT AND SUPPLIES

Operating efficiency of electromagnetic belt separators K N Lymar' Obog. rud 4 no 6:30-34 '59

MAGNETIC TESTING

Nonlinear calculations for magnetic flaw detection in the range of medium and strong field (10^2 - 10^3 oersteds), and their experimental verification R. E. Ershov Izv vys. ucheb zav., fiz no 3:122-133 '61

MAGNETIC VARIOMETER

Highly sensitive photoelectric magnetograph for magnetotelluric profiling. A. F. Vydrin. Izv. AN Turk SSR. Ser. fiz.-tekh., khim. i geol. nauk no 1:39-44 '61

MAGNETISM

Deserves attention. A. L. Kursanov. Nauka i zhizn' 28 no. 7:85 Jl '61.

[Practical work in physics] Fizicheskii praktikum. Sost. kollektivom kafedr eksperimental'noi i obshchei fiziki Tomskogo gosudarstvennogo universiteta im. V. V. Kuibyshova, pod red. M. A. Bol'shaninoi. Tomsk, Izd-vo Tomskogo univ.

Pts. 2 and 3. [Electricity and magnetism. Optics] Elektrichestvo i magnetizm. Optika. 1960. 189 p.

MAGNETISM—PHYSIOLOGICAL EFFECT

Assumptions and conclusions. R. G. Skachedub. Nauka i zhizn' 28 no. 7:82-83 Jl '61.

Experiments in psychomagnetism. L. L. Vasil'ev. Nauka i zhizn' 28 no. 7:80-82 Jl '61.

Life and magnetic field. Nauka i zhizn' 28 no. 7:76-77 Jl '61.

Magnetic field is a strange stimulant. IU. A. Kholodov. Nauka i zhizn' 28 no. 7:78-80 Jl '61.

Magnetotropism. A. V. Krylov, G. A. Tarakanova. Nauka i zhizn' 28 no. 7:85-87 Jl '61.

More refined methods of research are needed. A. S. Presman. Nauka i zhizn' 28 no. 7:88-89 Jl '61.

Permanent magnet influences the growth of sarcoma. M. A. Ukolova, G. G. Khimich. Nauka i zhizn' 28 no. 7: 84 Jl '61.

Problem of biomagnetism. L. A. Blumenfel'd. Nauka i zhizn' 28 no. 7:89-90 Jl '61.

Protection against fatal radiation doses. Nauka i zhizn' 28 no. 7:84 Jl '61.

Prove it yourself. Nauka i zhizn' 28 no. 7:78-79 Jl '61.

Remarks of a physicist. D. A. Frank-Kamenetskii. Nauka i zhizn' 28 no. 7:88-90 Jl '61.

MAGNETISM, TERRESTRIAL—BIBLIOGRAPHY see Bibliography—Magnetism, Terrestrial

MAGNETITE

Flowsheets for the crushing of magnetite ores M N Kazennov Obog. rud 5 no 3:24-26 '60

Nature of ferromagnetic oxidation products of siderites. S. K. Grebnev, N. A. Vasiutinskii, L I Vasiutinskaia. Zhur. prikl. khim. 34 no. 8.1690-1695 Ag '61

MAGNETITE—ANALYSIS

Evaluating the concentration capacity of magnetite ores on the basis of mineralogical analysis data IU G. Gershoig, V. N Kudelin, Obog rud 6 no 1.16-20 '61

MAGNETITE CRYSTALS—MAGNETIC PROPERTIES

Galvanomagnetic properties of magnetite single crystals in the temperature range 0 - 100°C A A. Samokhvalov, I G Fakidov Fiz tver tela 2 no 3 414-419 Mr '60

MAGNETOCHEMISTRY

Physics of magnetism and chemistry. IA. G Dorfman. Vest. AN SSSR 31 no. 8 45-52 Ag '61

MAGNETOHYDRODYNAMICS

Certain magnetohydrodynamic effects observed in the pulse compression of a plasma I F Kvartskhava, K N Kervalidze, IU S. Gvaladze Zhur tekh fiz 30 no 3 297-305 Mr '60

Deformation of a conducting liquid sphere under the action of a magnetic field V. V IAnkov Zhur tekh fiz 31 no 9 1077-1082 S '61.

Flow of conductive gas in a channel with a traveling magnetic field E. P. Zimin, E. I. IAntovskii Izv AN SSSR Otd. tekh nauk. Mekh i mashinostr. no. 4:170-172 Jl-Ag '61.

Impact ionization and detonation in magnetohydrodynamics. V P Demutskii, R. V Polovin Zhur. tekh. fiz 31 no 4 419-427 Ap '61.

Magnetohydrodynamic surface waves L S Solov'ev. Zhur tekh. fiz. 31 no. 4 407-418 Ap '61

Magnetohydrodynamic waves in the second approximation [with summary in English] L D Pichakhchi Ukr. fiz. zhur. b no. 3 308-317 My-Je '61

Magnetohydrodynamical combustion [with summary in English] R. V Polovin, V. P Demutskii Zhur eksp. i teor. fiz 40 no 6.1746-1751 Je '61.

Nonstationary flow of a conducting liquid in a flat tube in the presence of a transverse magnetic field I. B Chekmarev Zhur tekh fiz 30 no 3 338-344 Mr '60

Uniform plasmatic turbulence in a strong magnetic field M M Prudnikov. Izv. AN SSSR Otd. tekh. nauk Mekh. i mashinostr. no. 4 10-13 Jl-Ag '61

MAGNETOOPTICS

Effect of a variable magnetic field on the propagation of circularly polarized radiation in a substance O. IA Savchenko. Opt. i spektr. 11 no 2 223-228 Ag '61.

Magnetooptical absorption spectra in semiconductors in the case of arbitrarily formed isoenergetic electron surfaces. Case of closed trajectories. L. I. Korovin Fiz. tver. tela 3 no. 8·2202-2213 Ag '61

Mass spectrometer with a two-dimensional magnetic prism V M. Kel'man, L. N. Gall' Zhur tekh fiz 31 no 9 1083-1091 S '61.

MAGNETOSTRICTION

Temperature-dependent magnetic hysteresis and temperature hysteresis of magnetostriction in nickel and nickel-copper alloys. A. IA. Vlasov, I. V. Antonov Izv. Sib. otd. AN SSSR no. 8:121-124 '61.

MAGNETRONS

Adjustable magnetrons. A. I. Maliakin. Vest. protivo-

MAIZE see Corn (Maize)

MAKARENKO, ANTON SEMENOVICH, 1888-1939

Three books about Anton Semenovich Makarenko V. Kaspina. Nar. obr no. 9 112-115 S '61.

MAKAROV DISTRICT—RURAL LIBRARIES

Useful discussion L Sedel'nikov. Sots kul't no. 8 14 Ag '61

MAKEYEVKA—IRON AND STEELWORKERS

"Comrades, permit me to report . ." V. Andrianov Sov profsoiuzy no 17,27-28 S '61

MAKOVSKII, VLADIMIR EGOROVICH, 1846-1920

Makovskii, V. E. Vladimir Egorovich Makovskii. Moskva, Gos. izd-vo izobraz. iskus., 1961. [7 p.] plates.

MAKSIMOV, VLADIMIR VASIL'EVICH, 1880-1937

Glovnlskii, B. S. Vladimir Maksimov. Moskva, Gos. izd-vo "Iskusstvo," Leningrad, 1961. 188 p.

MAKSIMOVICH, MIKHAIL ALEKSANDROVICH, 1804-1873

"M. A. Maksimovich's philosophical views" by D. Ostrianyn Reviewed by M. Denysenko Dop AN URSR no. 7 976-976 '61

MALAY PENINSULA—HISTORY

How Malaya was conquered by England V A Tiurin Krat soob Inst. nar Azii 43 49-67 '60

MALAY PENINSULA—LABOR AND LABORING CLASSES

Situation of Malayan workers when their country was a colony of England V. A Zherebilov Krat soob Inst nar Azii 43 68-83 '60

MALAYA ALMAATINKA RIVER—RUNOFF

Watercourse losses in a mountain river L. IA Serov Trudy Otd. geog AN Kazakh SSR no 8 235-237 '61

MALAYA ALMAATINKA VALLEY—MORAINES

Recent tectonics in the Tuyuk-Su moraine of the trans-Ili Ala-Tau G. Z. Popova Trudy Otd geog AN Kazakh. SSR no 8 205-209 '61.

MALAYALAM LANGUAGE—GRAMMAR

Sekkhar, Ch., and IU. IA. Glazov. [The Malayalam language] IAzyk malaialam. Pod obshchei red. G. P. Serdiuchenko. Moskva, Izd-vo vostochnoi lit-ry, 1961. 92 p. (IAzyki zarubezhnogo Vostoka i Afriki)

MALT

Preservation of amylolytic ferments in processing malt with water and disinfectants V. A Vitkovskaia, A G. Zabrodskii Izv vys. ucheb. zav., pishch. tekh no 3: 62-67 '60

MALEIMIDE

Isomerism of N-arylmaleimides. A E. Kretov, N. E. Kul'chitskaia, A. F. Mal'nev. Zhur. ob khim. 31 no. 8 2568-2594 Ag '61.

MALONIC ACID

Synthesis and transformations of unsaturated organosilicon compounds. Reactions of γ-silicon-containing acetylenic chlorides with sodium acetoacetic and sodium malonic esters. M F Shostakovskii, V P. Kuznetsova, N. V. Komarov Zhur ob. khim. 31 no. 8· 2504-2507 Ag '61.

MALTASE

Inactive form of adaptive enzymes and its relation with the energy metabolism of cells V. V IUrkevich, A. G Zhdamovich Dokl AN SSSR 139 no 5 1239-1241 Ag '61

MAMAI, NIKOLAI IAKOVL'EVICH

"Nikolai Mamai" by M. Lazarev. Reviewed by P. Prokopenko. Sov. shakht. 10 no. 8·32 Ag '61.

MAMMALS—EMBRYOLOGY see Embryology—Mammals

MAMMALS, FOSSIL see subdivision under Kazakhstan, Kosyakino (Stavropol Territory)

MAN—INFLUENCE OF ENVIRONMENT

Function of the skin receptors in exposed and unexposed parts of the body. L. I. Ostriakova. Trudy LSGMI 52:59-69 '60.

MANCHURIA—WORLD WAR, 1939-1945

Remembering the past F. Malykhin Tyl. i snab. Sov. Voor. Sil 21 no. 6 15-21 Je '61

MANEUVERS, MILITARY see Military maneuvers

MANGANESE

Solubility of nitrogen in liquid manganese. I. B. Baratashvili and others. Dokl. AN SSSR 139 no. 6· 1354-1355 Ag '61.

MANGANESE—ANALYSIS

Improved equipment for the potentiometric determination of manganese content. A. G. Liashenko, G. I. Sivertsev. Obog. rud 4 no. 1:32-33 '59.

Manganese content of formation waters and sedimentary rocks in oil fields of Azerbaijan. D I Zul'fugarly Azerb khim zhur. no 4·113-120 '60

MANGANESE—ISOTOPES

Study of Mn^{56} radiation. S. S Vasil'ev, No Sen-chan [No Seng-ch'iang], L IA Shavtalov Izv. AN SSSR. Ser. fiz. 25 no. 9 1115-1116 S '61.

MANGANESE—TOXICOLOGY

Kotliarevskii, L. I. [Mechanisms of the action of manganese on the central nervous system of animals] Mekhanizmy deistvila margantsa na tsentral'nuiu nervnuiu sistemu zhivotnykh. Moskva, Izd-vo Akad. nauk SSSR, 1961 198 p.

MANGANESE-ALUMINUM-LITHIUM ALLOYS see Aluminum-manganese-lithium alloys

MANGANESE-BISMUTH ALLOYS

Conditions for the formation of colloid particles of intermetallic compounds [with summary in English] E M. Natanson, V V Bushin, N. N. Kozachek Koll zhur 23 no 4·442-447 Jl-Ag '61

MANGANESE CARBONATE—ANALYSIS

Trilonometric determination of manganese carbonate. R S. Mil'ner. Obog rud 4 no 6 11-15 '59

MANGANESE-COBALT ALLOYS see Cobalt-manganese alloys

MANGANESE FERRATES

Hall effect in single crystals of manganese ferrites. K. P. Belov, E. P. Svirina Fiz. tver tela 3 no. 8:2495-2497 Ag '61

MANGANESE HYDROXIDE

Precipitation of manganese hydroxide from solutions with a constant pH content T. V Kashcheeva, A I. TSeft. Izv. AN Kazakh SSR. Ser met., obog. i ogneup no 2 33-38 '61.

MANGANESE ORES see subdivision under Chiatura

MANGANESE OXIDE

Effect of freezing on the properties of metal hydroxide coagulates. Part 4· Manganese dioxide coagulate [with summary in English] V V. Vol'khin, V L Zolotavin, S. A. Tipikin Koll. zhur 23 no. 4:404-407 Jl-Ag '61

Investigating semiconductor thermal resistors based on $Cu_2O - Mn_3O_4$. E. V. Kovalenko, V. A. Liutsedarskii, T A. Ryshkina. Zhur. prikl. khim. 34 no. 8 1680-1683 Ag '61.

MANOMETER

Laboratory assignment "Measuring the pressure of liquids at various depths by means of a manometer." E. V. Nikitin. Fiz v shkole 21 no 3:63-64 My-Je '61

MANTIDS see subdivision under Tajikistan

MANUAL TRAINING

Soveshchanie po voprosam psikhologii truda. [Summaries of papers to a conference on problems in industrial psychology] Tezisy dokladov. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1957. 63 p.

MANUAL TRAINING—SAFETY MEASURES

Safety measures during manual training. V. Tarasov. Shkola i proizv. 5 no. 6:94 Je '61.

MANUAL TRAINING—STUDY AND TEACHING

Let's make more efficient use of instruction time in workshops. P. M Korliakov. Shkola i proizv 5 no. 6:47-51 Je '61

MANUFACTURES—QUALITY CONTROL

Supply the population with the best products in the world. O Nefedova Sov profsoiuzy no 17:14-17 S '61

MANUSCRIPTS

(see also subdivision under Pamirs)

Titles and cinnabar marginalia in the manuscript of the "Simeonov Chronicle." A. G. Kuz'min. Vest Mosk un Ser 9 Ist. 16 no 5 70-79 S-O '61.

MANUSCRIPTS, ARABIC

A rare manuscript of the Koran of the 16th century. V. A. Krachkovskaia Krat soob. Inst nar. Azii no 47-38-43 '61.

MANUSCRIPTS, AZERBAIJANI

A decorative miniature from the divan of M Fizuli [in Azerbaijani with summary in Russian] A. Kazlev. Dokl. AN Azerb SSR 17 no. 6:535-539 '61

MANUSCRIPTS, IRANIAN

Soviet studies of Near Eastern manuscripts and their basic principles. M. N. O. Osmanov. Vest. ist. mir. kul't. no. 4·115-123 Jl-Ag '61.

MANUSCRIPTS, PERSIAN

Miklukho-Maklai, N. D. [Description of Tajik and Persian manuscripts in the Institute of Asian Peoples] Opisanie tadzhikskikh i persidskikh rukopisei Instituta narodov Azii. Moskva, Izd-vo vostochnoi lit-ry.

No. 2. [Biographic works] Biograficheskie sochineniia. 1961. 167 p.

"Persian documents of the Matenadaran." Vol 2: Decrees. Reviewed by M I Arunova, K. Z Ashrafian Nar Azii i Afr. no 2:241 '61.

MANUSCRIPTS, TAJIK

Miklukho-Maklai, N. D. [Description of Tajik and Persian manuscripts in the Institute of Asian Peoples] Opisanie tadzhikskikh i persidskikh rukopisei Instituta narodov Azii. Moskva, Izd-vo vostochnoi lit-ry.

No. 2. [Biographic works] Biograficheskie sochineniia. 1961. 167 p.

MAPS

Work with geographical maps in the eighth and ninth grades of an evening shift school. D P. Malygin. Geog v shkole 24 no 4 46-52 Jl-Ag '61

MAPS, MILITARY

Map orientation exercise N. Bul'on, P. Shatrov Voen. vest. 41 no. 5, 81-83 My '61.

MARBLE see subdivision under Crimea; Nura-Tau

MARCEAU, FELICIEN

Why Felicien Marceau is sad V Gaevskii Teatr 22 no 9,191-192 S '61.

MARGELANI REGION—PYRITES

Spectral determination of tellurium in pyrites and chalcopyrites from copper sulfide ores of southeastern Georgia. N D. Gvaramadze Soob AN Gruz SSR 26 no 5 555-556 My '61.

MARGINALIA

Titles and cinnabar marginalia in the manuscript of the "Sinconov Chronicle" A G Kuz'min Vest Mosk un Ser 9 Ist. 16 no. 5:70-79 S-O '61

MARI A.S.S.R.—ADMINISTRATIVE ECONOMIC COUNCIL

In the Mari Economic Council G S Tkachenko Biul tekh -ekon inform no 8 83-84 '61.

MARI A.S.S.R.—HEMORRHAGIC FEVER

Outbreak of hemorrhagic fever in the Mari A. S. S. R. T A Bashkirev, V. A. Boiko Voen -med zhur no 5 84 My '61.

MARINSK CANAL SYSTEM

Volga-Baltic Waterway. V. IA. Rom. Geog. v shkole 24 no. 5:5-13 S-O '61.

MARINE BIOLOGY

Luminiscence of the sea. O. Gomazkov. IUn. nat. no. 9:13-14 S '61.

MARINE COOKERY see Cookery, Marine

MARINE DIESEL ENGINES

Petrovskii, N. V. [Marine internal-combustion engines] Sudovye dvigateli vnutrennogo sgoraniia. Izd. 2., perer. i dop. Moskva, Izd-vo "Morskoi transport," 1958. 436 p.

Water injection into a free piston gas producer N N. Kniazev. Trudy TSNIIMF 7 no. 34:52-78 '61.

Weight and size indices of marine gas turbine plants with free piston gas producers N N. Kniazev, N. A. Volkov, M. N. Artamonov Trudy TSNIIMF 7 no 34 79 88 '61.

MARINE ENGINEERING

Frasov, P. I. [Book of problems on engineering mechanics for ship captains] Zadachnik po tekhnicheskoi mekhanike dlia sudovoditelei. Izd. 2., ispr. i dop. Moskva, Izd-vo "Morskoi transport," 1961. 159 p.

MARINE ENGINES

Use of a friction clutch for blocking a reversive hydraulic marine transmission system. IU. S. Leites. Izv. vys. ucheb. zav., energ. 4 no 8 110-117 Ag '61.

MARINE GAS TURBINES

Characteristics of designing reverse running turbines for marine gas turbine plants. L V. Savinov. Trudy TSNIIMF 7 no. 34:132-136 '61.

Comparison of diagrams for marine gas turbine plants and controlled pitch propellers. S B. Aksel'rod. Trudy TSNIIMF 7 no 34:124-131 '61

Design of radial centripetal turbines. G. Sh. Rozenberg. Trudy TSNIIMF 7 no 34 16-23 '61.

Gas-turbine plants for high-speed ships of the merchant marine. A. G. Kurzon, N. M Tkachev, V. IU. Tikhoplav. Trudy TSNIIMF 7 no 34 3-15 '61.

Investigation of ideal cycles for gas turbine plants with free piston gas producers. N. N. Kniazev. Trudy TSNIIMF 7 no. 34:112-123 '61.

Methods of calculating marine gas turbines for reversible operation. S. Kh. Gol'fenbein. Trudy TSNIIMF 7 no 34 24-33 '61.

Trial system of fuel preparation devised by the Central Scientific Research Institute for the Merchant Marine for gas turbine plants R. M IUskevich Trudy TSNIIMF 7 no 34 103-111 '61.

Ventilation losses in reverse running gas turbines A D Mezheritskii Trudy TSNIIMF 7 no 34 39-51 '61.

Weight and size indices of marine gas turbine plants with free piston gas producers N. N Kniazev, N A Volkov, M N. Artamonov Trudy TSNIIMF 7 no 34 79-88 '61.

MARINE SERVICE

"Atlant" sails to give help. M. Marlianenko. Znan. ta pratsia no. 8:18-21 Ag '61.

MARINKA DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Glukhov, Z. N. [Personnel determines the success of an enterprise] Kadry reshaiut uspekh dela Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 166 p.

MARITIME TERRITORY—FERNS, FOSSIL

Family Dipteridaceae in the middle Keuper flora of the southern part of Maritime Territory I. N. Srebrodol'skaia. Paleont. zhur no. 1:144-150 '61

MARITIME TERRITORY—JOINTS (GEOLOGY)—MAPS

Method of studying small joints in comprehensive mapping as exemplified by the studies in an ore-bearing sector of the Maritime Territory I. N. Tomson. Trudy IGEM no. 41:178-183 '61.

MARITIME TERRITORY—METALLURGICAL PLANTS

The power of the volunteer workers. P. Kizatov. NTO 3 no 9 60 S '61.

MARITIME TERRITORY—NATURAL RESOURCES

Tarasov, P. V. [Wealth of the Maritime Territory] Bogatstva Primorskogo kraia. Vladivostok, Primizdat, 1947. 49 p.

MARKAKOL'SKIY DISTRICT—BOOKSELLERS AND BOOKSELLING

Communist is at the counter B. Muratov. Koop. Kazakh 4 no 5/6.47-48 My-Je '61

MARKETING RESEARCH

Consumer demand and orders placed with industry. G Trakhtenberg. Sov torg 34 no. 8 16-19 Ag '61

Conversion of payments in kind to monetary income and the collective farmers demand for merchandise A. Golovach. Sov. torg. 34 no 8 31-33 Ag '61

Determining consumer demand. I Korzhenevskii. Sov torg. 34 no. 8:13-15 Ag '61

Mathematics in commerce L. Leifman Sov torg. 34 no 8 26-28 Ag '61.

MARKING DEVICES

The EAK automatic electric spark machine for stamping parts. B. G. Gutkin. Biul. tekh. -ekon inform no 7 48-49 '61.

MARKOV CHAINS see Chains (Mathematics)

MARKOV PROCESSES

Approximation of duplex communications by means of Markov chains V. A. Breskin, A. E. Vil'ner, A IU Lev Izv vys. ucheb. zav., radiotekh. 3 no 6 635-643 N-D '60.

Integral representation of one class of excessive random variables [with summary in English]. Lian Chzhi-shuen [Liang Chih-shêng]. Vest. Mosk un Ser 1: Mat., mekh. 16 no 4:35-38 Jl-Ag '61

MARKS IN PAPER see Watermarks

MARROW

Changes in the peripheral blood and bone marrow following partial experimental resection of the stomach E. V. Inasaridze. Soob. AN Gruz SSR 26 no. 5.599-605 My '61.

Some indices of hemopoiesis and blood proteins in systemic scleroderma. F. S. Drampian, V. M. Nikolaeva. Izv. AN Arm. SSR, Biol. nauki 14 no. 6:67-72 '61.

MARS (PLANET)

[Atlas of drawings of Mars] Atlas risunkov Marsa. Moskva, Izd-vo Akad. nauk SSSR, 1961. 117 p.

"Oceans" of Mars in the focus of a telescope. N. I. Kucherov. Nauka i zhizn' 28 no. 8:69-73 Ag '61.

MARSEILLES—EXHIBITIONS

Furniture and apartment equipment at the World Fair in Marseilles in 1960. G. M. Rogozhyn. Visnyk ABiA URSR no. 2:66-67 '61.

MARSHAK, SAMUIL IAKOVLEVICH, 1887-

Desk book ("Fairy tales, songs, and riddles" by S. Marshak. Reviewed by O. Alekseeva). Sem'ia i shkola 16 no. 8:41-42 Ag '61.

MARTENS see subdivision under Sverdlovsk Province

MARTYNOVA, GLAFIRA IVANOVNA, 1860-1928

A forgotten actress. IU. A. Vlasov, A. I. Kardash Ist. arkh. 7 no 4:255-257 Jl-Ag '61

MARUKHA VALLEY—GEOLOGY, STRUCTURAL

Middle Devonian limestone klippen in lower Carboniferous clay shales on the Marukha River (Northern Caucasus) S M Kropachev Dokl AN SSSR 139 no 5: 1190-1193 Ag '61

MARX, KARL, 1818-1883

Critical evaluation of the Hegelian concept of subject and object by K. Marx. L N Pazhitnov. Vop. filos. no. 6 35-46 '57.

"Selected works" [in German] by Karl Marx with an introductory article by von. F. Borkenau. Reviewed by I. S Narskii. Vop. filos. no. 6:179-181 '57.

Vysheslavtsev, B. P. [Philosophical poverty of Marxism] Filosofskaia nishcheta marksizma. Izd. 2. Frankfurt am Main, Posev, 1957. 232 p. (CLU)

MARY—FORTIFICATIONS, OLD

Architectural characteristics of the fortifications of Sultan-Kala. G. A. Pugachenkova. Izv. AN Turk. SSR. Ser. obshchestv. nauk no. 3 37-44 '61.

MARY DISTRICT—CITIES AND TOWNS, RUINED, EXTINCT, ETC.

Taze-Kisman, site of an ancient settlement of the medieval Hurmuzfare M E. Masson Izv. AN Turk SSR. Ser., obshchestv. nauk no 2 14-28 '61

MARY DISTRICT—FIBERS

New find of ancient cloth fragments from Erk-Kala in old Merv. E. I. Usmanova. Izv. AN Turk SSR Ser obshchestv. nauk no. 2,44-51 '61.

MARY REGION—SEPULCHRAL MONUMENTS

Abdullah ibn Bureyda's Mausoleum. G. A. Pugachenkova. Izv. AN Turk SSR, Ser obshchestv nauk no 2:29-35 '61

MASERS

Sealed-off maser with a getter-ionic pump and cooling. A. F. Krupnov, A. I Naumov, V. A. Skvortsov. Izv. vys. ucheb. zav., radiofiz. 4 no. 1 178-179 '61.

Work of quantum generators and amplifiers. Nauka i zhizn' 28 no. 7:34-36 Jl '61.

MASHTAGI REGION—OIL FIELDS—PRODUCTION METHODS

Exploitation of wells in the Sub-Kirmaki series in the southern part of the Mashtagi area of the Buzovny-Mashtagi field M A. Dzhavadov Azerb neft. khoz 40 no 6.25-28 Je '61.

MASLOV, MIKHAIL STEPANOVICH, 1885-1961

Mikhail Stepanovich Maslov, obituary. Pediatriia no. 9 89-90 '61.

MASONRY

Bogatykh, IA. D. [Masonry in rural construction] Kamennye raboty v sel'skom stroitel'stve. [Moskva] Mosk. rabochii, 1961. 105 p.

MASS SPECTROMETRY

Investigation of hydrogen and deuterium desorption from palladium by means of a pulse mass spectroscope IU. I. Beliakov, N. I. Ionov. Zhur. tekh fiz 30 no 2. 216-222 F '60.

Mass spectrometer with a two-dimensional magnetic prism. V. M. Kel'man, L N. Gall'. Zhur. tekh fiz 31 no 9 1083-1091 S '61.

Pulse method study of the charge exchange of Ar^+, Kr^+, Xe^+ thermal ions on CH_4, C_2H_6, C_2H_4 molecules. G V. Karachevtsev, M. I. Markin, V L Tal'roze. Izv AN SSSR. Otd. khim. nauk no 8 1528 Ag '61

MASS TRANSFER

Application of the theory of similitude for investigating the processes of heat and mass transfer in liquid evaporation [with summary in English]. G. T. Sergeev. Inzh. -fiz. zhur. 4 no. 8:76-79 S '61.

Approximate calculation of the laminar boundary layer of an incompressible liquid in the case of heat and mass transfer [with summary in English] Z. P Shul'man. Inzh. -fiz. zhur 4 no 8:69-79 Ag '61.

Increasing the efficiency of apparatuses for mass transfer V. V. Dil'man, V. R. Ruchinskii. Izv. AN SSSR. Otd. tekh nauk, Met. i topl. no 4:160-165 Jl-Ag '61.

International journal "Teplo- i massoperenos." Reviewed by I. T. El'perin. Inzh. -fiz. zhur. 4 no. 9:135-137 S '61.

Investigation of mass transfer in metals and semiconductors under the action of a Hall electric field. IU. G. Miller. Fiz. tver. tela 3 no. 8:2383-2389 Ag '61.

Mass transfer during the rectification in columns with perforated plates of the turbogrid type. N. A. Kochergin, V. V. Dil'man, V. M. Olevskii. Khim prom. no 8 587-570 Ag '61.

Vacuum distillation of chromium [with summary in English]. V. M. Amonenko, A. A. Kruhiykh, H. F. Tykhinskyi. Ukr. fiz. zhur. 5 no. 3:390-393 My-Je '61

MASS TRANSFER—CONGRESSES

First All-Union Conference on Heat and Mass Transfer. I P El'perin. Inzh fiz zhur, 4 no 7 124-127 Jl '61

Resolution of the Conference on Heat and Mass Transfer. Inzh fiz zhur 4 no. 7-127-136 Jl '61

MASS TRANSFER—PERIODICALS

The journal "Teplo- i massoperenos." G. D. Rabinovich Inzh. fiz. zhur. 4 no. 7.137-140 Jl '61.

MASTYUGINO—MOUNDS

Mastyugino mounds. P. D. Liberov Sov arkheol 5 no 3:152-165 '61

MATERIALS—THERMAL PROPERTIES

Methods for determining the thermophysical characteristics of materials at room and medium temperatures A. G. Shashkov and others. Inzh -fiz. zhur 4 no 9 111-119 S '61.

MATERIALS AT HIGH TEMPERATURES

Recombination levels in p-type silicon arising at high-temperature treatment. G. N. Galkin, E. L Nolle, V. S Vavilov. Fiz. tver. tela 3 no 8:2355-2361 Ag '61.

MATERIALS HANDLING

Determining the number of workers engaged in intra-plant freight conveyance L Karpov Biul. nauch inform , trud i zar. plata 4 no 7-18-24 '61

Machine for the automatic loading of rods into a mill. G. I Kabakov, A. G. Mukhin. Obog rud 6 no. 2 48-49 '61.

MATGRASS see subdivision under Carpathian Mountains

MATHEMATICAL ANALYSIS

Analogs of certain oscillation theorems Sh I. Strelits. Mat sbor. 54 no 3 385-396 Jl '61.

Liusternik, L. A., and A. R. IAmpol'skii, eds. [Mathematical analysis; functions, limits, series, continued fractions] Matematicheskii analiz, funktsii, predely, riady, *tsepnye drobi. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 439 p. (Spravochnaia matematicheskaia biblioteka)*

MATHEMATICAL ANALYSIS—PROBLEMS, EXERCISES, ETC.

Demidovich, B. P., ed. [Problems and exercises in mathematical analysis for schools of higher education] Zadachi i uprazhnenita po matematicheskomu analizu dlia vtuzov. Izd. 2., ispr. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 472 p.

MATHEMATICAL CRYSTALLOGRAPHY see Crystallography, Mathematical

MATHEMATICAL LINGUISTICS

[Scientific methods of language research; on the so-called "mathematical linguistics"] O tochnykh metodakh issledovanita iazyka, o tak nazyvaemoi "matematicheskoi lingvistike." [By] O. S. Akhmanova i dr. [Moskva] Izd-vo Mosk. univ., 1961. 161 p.

MATHEMATICAL MODELS

Mathematical simulation of the dynamics of certain processes in fluid bed apparatus [with summary in English]. V M Eliashberg, I. A. Rurovoi. Inzh. fiz. zhur. 4 no. 7-96-104 Jl '61.

MATHEMATICAL PHYSICS

All-Union Conference of the Application of Methods of the Theory of Functions of a Complex Variable to Problems of *Mathematical Physics* K. A. Bezhanov Zhur. vych mat. i mat. fiz. 1 no. 2:364-365 Mr-Ap '61.

Quasi-classical asymptotic method of solution of certain
ysics. V. P. Maslov
no 4-038-063 Jl-Ag '61

of certain problems
lov. Zhur vych.
' '61.

APHY see Bib-

Sem'ia i shkola

no. 7:100-110 Jl

livision under

emainder of quad-
Zhur. vych. mat. i

N. V. Smirnov.
i,
ntrol, E. F. Mi-
SSSR. Ser. mat. 25

r. I. IA. Depman.

MATHEMATICS
(see also subdivision under East)

Abstracts of report submitted to and accepted by the Moscow Mathematical Society Usp. mat. nauk 16 no. 3 212-218 My-Je '61

Mathematics of the Near and Middle East from the 9th to the 15th century [in Azerbaijani with summary in Russian] K. M. Mamedov (Khaiami). Izv AN Azerb SSR. Ser fiz -mat i tekh nauk no 6 31-36 '60

Summary of reports submitted to and accepted by the Moscow Mathematical Society Usp mat nauk 16 no 4 206-210 Jl-Ag '61

MATHEMATICS—ABSTRACTS

[Mathematics.] Ref. zhur. Mat. no. 9 S '61.

MATHEMATICS—BIBLIOGRAPHY see Bibliography—Mathematics

MATHEMATICS—COMPETITIONS

All-Russia Mathematics Olympiad. I. S. Petrakov. Mat. v *shkole no. 4:9-24 Jl-Ag '61.*

Appeal of the participants in the All-Russian Mathematics Olympiad for young mathematicians dedicated to the 40th anniversary of the All-Union Pioneer Organization to all students of the Russian Federation. Mat. v shkole no. 4-9 Jl-Ag '61.

MATHEMATICS—CONGRESSES

International Congress of Mathematicians and the teaching of mathematics. I. IA. Depman. Mat. v shkole no. 4-83 Jl-Ag '61.

MATHEMATICS—FORMULAE

Exact estimation of the error in multidimensional quadrature formulas for class W_1 and H_1 functions I. M Sobol'. Zhur. vych. mat. i mat. fiz 1 no 2:208-216 Mr-Ap '61.

MATHEMATICS—HISTORY

History of the theory of asymptotic series. M. V. Chirikov. Ist. -mat. issl. no. 13:441-472 '60

Letter to the editor of "Istoriko-matematicheskie issledovaniia", V. P. Zubov. Ist -mat. issl no 13:557-558 '60.

MATHEMATICS—PHILOSOPHY

Tarski, Alfred. [Introduction to logic and to the methodology of deductive sciences. Translated from the English] Vvedenie v logiku i metodologiiu deduktivnykh nauk. Red. i predisl. k russkomu perevodu S. A. IAnovskoi. Prim. G. M. Adel'sona-Velskogo. Moskva, Gos. izd-vo inostr. lit-ry, 1948. 325 p.
(CU)

MATHEMATICS—PROBLEMS, EXERCISES, ETC.

Applied problems in senior grades. I. M. Klpnis. Mat. v shkole no. 4:89-92 Jl-Ag '61.

Method of exhaustive sampling. A. A. Davydov. Mat. v shkole no. 4:86-87 Jl-Ag '61.

Problems for students. I. I. Smirnov. Mat. v shkole no. 4 92-95 *Jl-Ag '61.*

Problems suggested for the grades 7-10 students at the All-Russian Mathematics Olympiad. Mat. v shkole no. 4:85-86 Jl-Ag '61.

Using problems for the solution of theoretical questions. M. B. Volovich. Mat. v shkole no. 4:45-50 Jl-Ag '61.

MATHEMATICS—STUDY AND TEACHING

Curriculum for the grades 5-7 of the evening (staggered) schools. G. D. Gleizer, M. S. Gel'fand. Mat. v shkole no, 4 29-33 Jl-Ag '61,

Formation of elementary mathematical concepts. Report No. 5: Psychological problems involved in the formation of elementary mathematical concepts in children P. IA. Gal'perin, L. S. Georgiev. Dokl. APN no. 1:63-66 '61.

Let's raise mathematical training of students to the level required by the development of communism. Mat. v shkole no. 4:1-2 Jl-Ag '61.

Let's raise the quality of the mathematical training of students. V. P. Berchanskii. Mat. v shkole no. 4:24-27 Jl-Ag '61.

Mathematical aptitude. V. Krutetskii. Sem'ia i shkola 16 no. 6:17-19 Je '61.

Mathematical training of students. A. M. Pyshkalo, A. D. Semushin. Mat. v shkole no. 4:17-22 Jl-Ag '61.

Mathematical training of students entering institutions of higher learning. A. V. IUrovskii, M. I. Abramovich. Mat. v shkole no. 4:22-24 Jl-Ag '61.

Mathematics on a railroad. G. D. Balk. Mat. v shkole no. 4:51-57 Jl-Ag '61.

Measuring students' knowledge by means of quizzes. B. I. *Voronov. Mat. v shkole no. 4:43-46 Jl-Ag '61.*

More on mathematical dictations. R. A. Khabib. Mat. v shkole no. 4:65-67 Jl-Ag '61.

"Pedagogical lectures" of 1961 in Moscow. A. M. Pyshkalo. Mat. v shkole no. 4:83-84 Jl-Ag '61.

Some methods of increasing the efficiency of mathematics lessons in the schools for working youth. V. M. Vlasova. Mat. v shkole no. 4:41-43 Jl-Ag '61.

Tests with subsequent questioning V. Gendzelevskii *Nar obr no 9 87-66 S '61.*

Twenty years without repeating students I. Ermakov. Nar obr no 9 31-36 S '61

MATHEMATICS, ANCIENT

Origin of the "Rule of two false positions". M. IA. Vygodskii. Ist -mat. *issl. no. 13 231-252 '60.*

MATHEMATICS, ARABIC

Arithmetical treatise by Abul Wafa. M. I. Medovoi. Ist. -mat. issl. no 13:253-324 '60.

MATHEMATICS, BABYLONIAN

Babylonian geometrical drawings of spatial figures. A. A. *Vaimaa. Ist. -mat. issl. no. 13:379-382 '60*

MATHEMATICS, CHINESE

Arithmetical problems in the ancient Chinese treatise "Mathematics in nine volumes." E. I. Berezkina. Iz ist. nauki i tekh. v stran. Vost. no. 1 34-55 '60.

Mathematical treatise by Sun-tzi'u. E. I. Berezkina. Ist -mat. issl no. 13:219-230 '60

MATHEMATICS, HINDU

Power series for $\sin\theta$ and $\cos\theta$ in the works of Hindu mathematicians of the 15th to 18th century. E. IA. Bakhmutskaia Ist. -mat. issl no. 13, 325-334 '60

MATRICES

Condition of complete reducibility of a solvable linear system D A Suprunenko Dokl. AN BSSR 5 no. 6: 321-323 Ag '61.

Construction of the scattering matrix in nonlocal theories. V D. Kukin, A. R Frenkin. Dokl. AN SSSR 139 no 5-1089-1092 Ag '61

Generalization of Gayley's identity. E N Kuz'min Usp mat. nauk 16 no 4 171-174 Jl-Ag '61

Method of division into units for determining the eigenvalues of high-order matrices. V. S. Shishov Zhur. vych. mat. i mat. fiz. 1 no 1:169-173 Ja-F '61

MATTER—CONSTITUTION

Contest for instruments on the subject "Fundamentals of the molecular-kinetics theory of the structure of matter " Fiz v shkole 21 no. 2, 91 Mr-Ap '61

MATVEEV, ALEKSANDR TERENT'EVICH, 1878-

Bassekhes, A. I. Aleksandr Terent'evich Matveev. Moskva, Sovetskii khudozhnik, 1960. 66 p.
(RPB)

MAU MAU see subdivision under Kenya

MAZEPA, IVAN STEPANOVICH, d. 1709—FICTION

Dudko, Fedir. [Great hetman; a historical novel] Velikii het'man, istorychnyi roman. Vyd. 3., vypr. aviorom. Augsburg, Nakl. Hurtivni paperu, 1948. 216 p.
(IU)

MEADOW RUE

Comparative anatomical investigation of vegetative organs in the meadow rues Thalictrum minus L. and Thalictrum flavum L. [with summary in English]. IU. O. Petrova. Ukr. bot. zhur. 18 no. 4:52-58 '61.

MEADOWS see Pastures and meadows

MEASURING INSTRUMENTS
(see also subdivision under Kirov)

Basic principles for the adjustment of measuring instruments. A. G. Ivanov Vzaim. i tekh. izm. v mashinostr. ; mezhvuz. sbor. no. 3 162-172 '61.

Borzov, K. V. [Control and measuring instruments used in mining] Kontrol'no-izmeritel'nye pribory, primeniaemye v gornodobyvaiushchei promyshlennosti. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 158 p.

Iakovlev, L. G. [Errors of checking and measuring instruments and pickups] Pogreshnosti kontrol'no-izmeritel'nykh priborov i datchikov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 164 p.

Means for checking grooves in parts. E. I. Volodin, A. M. Snetkov. Vzaim. i tekh. izm v mashinostr., mezhvuz. sbor. no. 3, 197-206 '61.

Measures and measuring instruments approved by the committee on the basis of the results of their official testing and permitted to be used in the U.S.S.R. Izm. tekh. no. 9:63-64 S '61.

Measures and measuring instruments excluded from the State Register. Izm. tekh. no. 9:64 S '61.

Methods and equipment for improving the precision of television measurements. M. I. Krivosheev. Tekh. kino i telev. 5 no. 8:1-14 Ag '61.

Methods and means for checking the distances between axes and the nonaxiality of holes in units in connection with the measurement of parts before assembling T. 3. Gladilina. Vzaim. i tekh. izm. v mashinostr ; mezhvuz. sbor. no. 3-173-196 '61.

Roundness measuring instruments; survey of foreign literature. A. N. Avdulov. Stan. i instr. 32 no. 8:30-34 *Ag '61.*

Scale of a measuring instrument and its errors. I. D. Fainerman. Vzaim i tekh. izm. v mashinostr. ; mezhvuz. sbor. no. 3, 122-134 '61.

MEASURING INSTRUMENTS—STANDARDS

New standards for measures and measuring instruments approved by the committee. Izm. tekh. no. 9, 63 S '61.

MEASURING INSTRUMENTS—TECHNOLOGICAL INNOVATIONS

Improving the standards of measuring equipment. V. I. Andreev and others. Stan. i instr. 32 no. 9, 33-36 S '61.

MEASURING INSTRUMENTS—TESTING

New stage in the governmental inspection of measuring instruments. N. M. Karelin, N. I. Tiurin. Izm. tekh. no. 9, 1-5 S '61.

Specified instructions for the inspection of measures and measuring instruments approved by the Office of Measuring Instruments of the committee. Izm. tekh. no. 9, 63 S '61.

MEAT, DRIED

Freeze-dried meat as a semiprocessed product for manufacturing food concentrates. L. P. Khakhina, I. A. Ivleva. Trudy VNIIKOP no. 10, 82-108 '59.

Industrial production of dried meat, a semiprocessed product for food concentrates. G. A. Ivanova, and others. Trudy VNIIKOP no. 10, 109-115 '59.

MEAT, SMOKED

Liquids used for smoking. M. Gabriel'iants. Sov. torg. 34 no. 6, 54-56 Ag '61.

MEAT INDUSTRY—HYGIENIC ASPECTS

Porvatova, O. M. [Sanitary conditions in enterprises of the meat industry] Sanitarnyi rezhim na predpriiatiiakh miasnoi promyshlennosti. Izd. 2., perer. Moskva, Pishchepromizdat, 1961. 50 p. (Uchebnoe posobie dlia podgotovki kadrov massovykh professii)

MECHANICAL BRAINS see Cybernetics

MECHANICAL DRAWING—STUDY AND TEACHING

Teaching mechanical drawing. G. A. Shvedov. Shkola i proizv. 5 no. 6, 66-69 Je '61.

Useful aid for teachers ("Teaching mechanical drawing in technical schools" by K. A. IAnkovskii. Reviewed by S. A. Medved'). Sred. spets. obr. 8 no. 8, 63-64 Ag '61.

MECHANICAL ENGINEERING

Useful reference publication. T. A. Vvedenskii. Vest. mash. 41 no. 8, 87 Ag '61.

MECHANICAL ENGINEERING—BIBLIOGRAPHY see Bibliography—Mechanical engineering

MECHANICAL ENGINEERING—STUDY AND TEACHING

There should be a more responsible attitude toward the publication of textbooks! ("Machinery parts" by A. T. Baturin; "Construction machinery" by A. S. Fidelev, IU. F. Chubuk. Reviewed by G. M. IAkushkin). Sred. spets. obr. 6 no. 8, 61-63 Ag '61.

MECHANICAL ENGINEERING—TABLES, CALCULATIONS, ETC.

Polivanov, P. M. [Tables for calculating the weight of parts and materials] Tablitsy dlia podscheta vesa detalei i materialov. Izd. 5., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 251 p.

MECHANICAL FANS see Fans, Mechanical

MECHANICAL MOVEMENTS

Analytic determination of the parameters of kinematics of flat bar linkages. P. A. Lobedev. Trudy Inst. mash. Sem. po teor. mash. 22 no. 87, 21-30 '61.

Changing rotational speed. M. Mednikov. Izobr. i rats. no. 9, 38 S '61.

Some problems of analytic kinematics and dynamics of flat multibar linkages. V. IA. Anilovich. Trudy Inst. mash. Sem. po teor. mash. 22 no. 87, 5-20 '61.

MECHANICAL MOVEMENTS—TESTING

Testing kinematic precision of a mechanism without models. V. P. Korotkov. Vzaim. i tekh. izm. v mashinostr., mezhvuz. sbor. no. 3, 207-226 '61.

MECHANICAL WEAR

Deformation of steel surfaces by friction and their abrasive wear resistance. V. N. Kashcheev. Fiz. met. i metalloved. 12 no. 1, 108-117 Jl '61.

Effect of sulfurization on the wear of metals. A. N. Tynnyi. Metalloved. i term. obr. met. no. 8, 15-18 Ag '61.

Increasing the wear resistance of sand pump parts by rubber coating. L. D. Kulikov, S. I. Popov. Obog. rud 4 no. 5, 34 '59.

"Investigating the wear of metals" by M. M. Khrushchov, M. A. Babichev. Reviewed by V. A. Kislik, V. N. Tkachev. Vest. mash. 41 no. 8, 87-88 Ag '61.

Resistance to abrasive wear and modulus of elasticity of thermally treated brass. K. V. Savitskii, IU. F. Malyshev. Izv. vys. ucheb. zav.; fiz. no. 3, 164-166 '61.

Some dependences of the wear process in metals subjected to friction in alkaline solutions. I. V. Vasil'ev. Trudy NIKHIMMASH no. 27, 110-119 '59.

Ways of saving on steel for lining crushers and mills. V. G. Svirin. Obog. rud 5 no. 1, 31-36 '60.

Wear of nonequidimensional friction surfaces. V. D. Evdokimov. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 4, 147-153 Jl-Ag '61.

Wear-resistant parts made of abrasive materials. V. M. Sedolovskii. Obog. rud 4 no. 3, 43-47 '59.

MECHANICS

Linearly enveloping connecting-rod curves for mechanisms with one forward pair. I. I. Artobolevskii. Dokl. AN SSSR 139 no. 5, 1077-1080 Ag '61.

Linearly enveloping piston rod curves for a four-membered ellipsograph. I. I. Artobolevskii. Dokl. AN SSSR 139 no. 6, 1335-1338 Ag '61.

[Mechanics; translations of foreign articles.] Mekhanika; period. sbor. perev. inostr. st. 12 no. 4 '61.

MECHANICS—ABSTRACTS

[Mechanics.] Ref. zhur. Mekh. no. 9 S '61.

MECHANICS—AUDIO-VISUAL AIDS

Two homemade devices for demonstrations in mechanics. A. IA. Vlasov. Shkola i proizv. 5 no. 6, 80-82 Je '61.

MECHANICS—PROBLEMS, EXERCISES, ETC.

Ivanov, P. I. [Book of problems on engineering mechanics for ship captains] Zadachnik po tekhnicheskoi mekhanike dlia sudovoditelei. Izd. 2., ispr. i dop. Moskva, Izd-vo "Morskoi transport," 1961. 159 p.

MECHANICS, ANALYTIC

New analogies between problems on the motion of a material point and problems on the equilibrium of a totally elastic string. A. V. Karmishin. Vop. mekh. no. 193, 11-21 '61.

Sedov, L. I. [Fundamental principles of the mechanics of a continuum] Ob osnovnykh printsipakh mekhaniki sploshnoi sredy; publichnaia lektsiia, prochitannaia v Aktovom zale MGU 4 ianvaria 1961 g. [Moskva] Izd-vo Mosk. univ., 1961. 25 p.

Some analysis of Maxwell-Boltzmann's kinetic equation, and the possible formulation of the problem, taking rebounds from the boundaries into account [with summary in English]. M. R. Korotkina. Vest. Mosk. un. Ser. 1, Mat., mekh. 16 no. 4, 68-70 Jl-Ag '61.

MECHANICS, CELESTIAL

Numerical investigation of the revolving movement of a celestial body around its center of inertia. A. I. Rybakov. Soob. GAISH no. 112, 33-41 '61.

Random initial conditions and random parameters in problems of celestial mechanics [with summary in English]. Astron. zhur. 38 no. 4, 738-753 Jl-Ag '61.

MECHANISMS, INTERCHANGEABLE see Interchangeable mechanisms

MEDALS

Commemorative and anniversary medals issued in recent years. N. Stratonovich. Iskusstvo 24 no. 7, 76-78 '61.

MEDIA—HANDICRAFT

The nature and organization of handicraft in Assyria, Media, and the Kingdom of Van. IU. B. IUsifov. Trudy Inst. ist. AN Azerb. SSR 14, 5-34 '60.

MEDICAL ELECTRONICS

Apparatus for registering and diagnosing disorders of the rhythmic function of the heart [with summary in English]. M. L. TSetlin and others. Izv. vys. ucheb. zav., radiofiz. 4 no. 1, 165-172 '61.

Health currents. P. Sochyn. Znan. ta pratsia no. 10, 9 O '61.

MEDICAL GYMNASTICS see Exercise therapy

MEDICAL INSTRUMENTS AND APPARATUS

Modified wheel chair. Z. A. Liandres, IU. S. Manshtein. Ortop., travm. i protez. no. 6, 61 '61.

Physician's kit. P. IA. Kushch, E. M. Soshnik. Voen.-med. zhur. no. 5, 89 My '61.

MEDICAL JURISPRUDENCE see subdivision under Ufa

MEDICAL LIBRARIES

Central State Medical Library of the Ministry of Public Health of the U. S. S. R. N. T. Kovalenko. Voen.-med. zhur. no. 5, 95-96 My '61.

MEDICAL PERSONNEL

Rozenfel'd, I. I. [Principles and methods in the planning of the public health system] Osnovy i metodika planirovaniia zdravookhraneniia. Moskva, Gos. izd-vo med. lit-ry Medgiz. (Biblioteka vracha-organizatora)
Pt. 3. [Planning to meet the needs of the public health system for medical personnel] Planirovanie potrebnosti zdravookhraneniia vo vrachebnykh kadrakh. 1961. 202 p.
(DNLM)

MEDICAL RECORDS

Forming the history of an illness with blanks from laboratory investigations. A. G. Glukharev. Voen.-med. zhur. no. 6, 81 Je '61.

MEDICINE
(see also subdivision under Europe, Eastern, Russia)

Aleksandrov, O. A. [Methodological manual for seminar studies on the history of Russian medicine] Metodicheskoe posobie k seminarskim zaniatiiam po istorii otechestvennoi meditsiny. Izd. 2., Pod red. B. D. Petrova. Moskva, 1958. 33 p.
(DNLM)

MEDICINE—ABSTRACTS

[Medical abstracts.] Med. ref. zhur. sect. 1 vol. 5 no. 9 S '61; sect. 2 vol. 5 nos. 9-10 S-O '61, sect. 3 vol. 5 nos. 9-10 S-O '61, sect. 4 vol. 5 no. 9 S '61; sect. 5 vol. 5 no. 9 S '61, sect. 6 vol. 5 no. 9 S '61, sect. 8 vol. 5 no. 9 S '61; sect. 9 vol. 5 no. 9 S '61, sect. 10 vol. 5 no. 9 S '61.

MEDICINE—BIBLIOGRAPHY see Bibliography—Medicine

MEDICINE—DICTIONARIES

[Large medical encyclopedia] Bol'shaia meditsinskaia entsiklopediia. Glav. red. A. N. Bakulev. Moskva, Gos. nauchn. izd-vo "Sovetskaia entsiklopediia."
Vol. 21. Novorozhdennyi - organoterapiia. Izd. 2. 1961. 1168 columns.
———— [List of articles and terms for the letters "N" and "O"] Perechen' statei i terminov na bukvy "N" i "O" 8 p.
———— [Phonograph record for the article "Differential diagnosis of supplementary respiratory sounds auscultated above the lungs"] Gramofonnaia plastinka k stat'e "Differents. -diagnostika pobochnykh dykhatel'nykh shumov vyslushivaemykh nad legkimi" (okonchanie).

MEDICINE—PHILOSOPHY

"Physiological idealism and some philosophical problems in theoretical medicine" by V. P. Petlenko. Reviewed by A. M. Izutkin. Vop. filos. 15 no. 9, 166 '61.

MEDICINE—STUDY AND TEACHING

Current problems of the training of future physicians. Vest. vys. shkoly 19 no. 8, 96 Ag '61.

History of training of medical teaching personnel in Russia. V. N. Beliakov. Voen.-med. zhur. no. 6, 81 Je '61.

A man can only entrust a highly qualified physician with his health. I. G. Kochergin. Vest. vys. shkoly 19 no. 6, 56-57 Ag '61.

MEDICINE, ANCIENT

Magetic pills. Nauka i zhizn' 28 no. 7, 83 Jl '61.

MEDICINE, CHINESE

New work on the history of Chinese medicine. V. P. Zubov. Iz ist. nauki i tekh. v stran. Vost. no. 1, 127-132 '60.

MEDICINE, EGYPTIAN

At the ancient sources of medicine (India and Egypt). I. D. Strashun. Iz ist. nauki i tekh. v stran. Vost. no. 1, 337-346 '60.

MEDICINE, HINDU

At the ancient sources of medicine (India and Egypt). I. D. Strashun. Iz ist. nauki i tekh. v stran. Vost. no. 1, 337-346 '60.

MEDICINE, INTERNAL

Gukasian, A. G. [Internal diseases] Vnutrennie bolezni. Izd. 3., stereotipnoe. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1959. 403 p.
(DNLM)

Moscow. Poliklinika im. F. E. Dzerzhinskogo. [Collection of works on research and practice of the F. E. Dzerzhinskii Polyclinic] Sbornik nauchno-prakticheskikh rabot. Moskva, Medgiz.
No. 2. 1961. 239 p.
(DNLM)

Moshkov, V. N. [Exercise therapy in the clinical aspects of internal diseases] Lechebnaia fizkul'tura v klinike vnutrennikh bolezneĭ. Izd. 2., perer. i dop. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 351 p.
(DNLM)

Research and practice conference of physicians of the Moscow garrison. A. L. Khazanov. Voen.-med. zhur. no. 5, 93-94 My '61.

MEDICINE, MILITARY
(see also subdivision under Kiev)

At the Therapeutic Section of the Medical Council of the Military Medical Department in the Ministry of Defense. V. Kh. Chirokin. Voen.-med. zhur. no. 8, 94-95 Je '61.

Conference of physicians from the Crimea group of the sanatoriums of the Ministry of Defense. B. V. Nikol'skii. Voen. med. zhur. no. 6, 96 Je '61.

Develop the movement for communist labor. Voen.-med. zhur. no. 6, 3-6 Je '61.

Illumination of directional markers under field conditions. I. V. Bluvband, S. N. Maizlin. Voen.-med. zhur. no. 8, 82 Je '61.

MEDICINE, MILITARY (Continued)

Improve preventive measures for control of intestinal infections in the armed forces Voen -med. zhur no 5 12-15 My '61.

Nocturnal directional makers. F T Smovzh Voen - med zhur no 6:81-82 Je '61

Raise the requirements in supplying medical services to troops V. Ivanov, A. Voropai Tyl i snab Sov Voor. Sil 21 no 5 61-66 My '61

Some immediate problems in military field therapy. N. S Molchanov Voen -med zhur no 6,9-11 Je '61

MEDICINE, MILITARY—PERIODICALS

Military medical literature of our country in the past and present A A Shubkov Voen -med zhur no 5-85-87 My '61

MEDICINE, MILITARY—STUDY AND TEACHING

Assemblies of troop physicians. N Zuev Tyl i snab. Sov Voor Sil 21 no 5 17-18 My '61

Method of carrying out field exercises with company and battalion medical personnel V A Zhulin Voen - med zhur no 5 16-20 My '61

Some problems in method for special tactical instruction of the regimental medical service. T Rozhkov Voen - med zhur no 5 21-24 My '61

MEDICINE, NAVAL

Arterial pressure in ships' crews under the influence of varying factors IU B Nikitinskii. Voen -med. zhur no. 5 80-81 My '61

Change in some human physiological indexes during voyages in tropical waters L. I Khokhlov Voen - med zhur no 5 81 My '61.

MEDICINE, POPULAR

Nosal', M. A., and I. M. Nosal'. [Medicinal plants and their popular use] Lekarstvennye rastenila i sposoby ikh primeneniia v narode. Pod red. V. G. Drobot'ko. Kiev, Gos. med. izd-vo USSR, 1960. 264 p. (DNLM)

MEDNIKOV, ANATOLII

"Wings" by Anatolii Mednikov. Reviewed by P. Shari. Moskva 5 no. 8:219-221 '61.

MEDULLA OBLONGATA

Changes in the electrical activity of the reticular formation during the blocking of gastric and rectal receptors G K Kadyrov. Izv AN Azerb SSR Ser. biol i med. nauk no 5,107-110 '61

MEDVEDEV, F.

A girl grew up ("A girl came from the city" by F. Medvedev, V. Perel'man. Reviewed by I Klinchareva). Sem'ia i shkola 16 no 8:43-44 Ag '61

MEDVEDEV, SERGEI SERGEEVICH, 1891-

Celebration in honor of Academician S S. Medvedev. Vest. AN SSSR 31 no. 8,105 Ag '61.

MELANCONIALES

Ibragimov, G. R. [Characteristics of the fungi Gloeosporium and Colletotrichum of the order Melanconiales] Kriticheskaia kharakteristika nekotorykh rodov mellanko- nievykh gribov, Gloeosporium i Colletotrichum. Baku, 1954. 213 p. (DA)

MELITOPOL'—WORLD WAR, 1939-1945

In memory of Vasilii Sukhov. P. Pshenichnyi. Voen. vest. 41 no. 5:22-23 My '61.

MELONS

Watermelon is a marsh plant. E. Linnik. IUn. nat. no. 9 38-39 S '61.

MELTING

Contact melting rate of metals A. V. Blatkina. Izv. vys. ucheb zav ; fiz no 3 56-61 '61.

Elements of the thermodynamic calculation of the zone-melting process [with summary in English]. B A Volchok, V IA Frenkel'. Inzh -fiz zhur 4 no. 8:43-48 Ag '61

Solubility and contact melting of irradiated crystals. I. G Berzina, A F. Naumov, P. A. Savintsev. Kristallografiia 6 no. 3:460-464 My-Je '61.

MEMBRANES (CHEMISTRY)

Comparative evaluation of the physicochemical properties of Soviet and foreign ion exchange membranes. B. N. Laskorin, N M. Smirnova. Zhur. prikl. khim. 34 no. 8 1700-1709 Ag '61.

MEMORY

Relationship between voluntary and involuntary memorization. A. T. Kriazh. Dokl APN no 1:75-76 '61.

MENA—HISTORICAL MUSEUMS

A school museum of local history. P. P. Kliashko. Ukr. ist. zhur. 5 no. 5:106-109 S-O '61.

MENINGITIS

Case of adiposogenital dystrophy in combination with gigantism, following dysenterial meningitis. I. F. Nabok. Probl. endok. i gorm. 7 no. 4:107 '61.

Clinical aspects of serous meningitis N N Okhrimenko, V K Brodovskii, L P Miasoed Voen -med zhur no 5 16-17 My '61

MENSURATION

Korotkov, V. P., and B. A. Taits. [Fundamentals of mensuration and the precision of measuring instruments] Osnovy metrologii i tochnosti mekhanizmov priborov. Pod obshchei red. B. A Taitsa. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 400 p

MENTAL DISORDERS

Alimov, Kh. A. [Clinical aspects of conditions resembling psychopathic states following infectious meningoencephalitis and their evaluation by forensic psychiatry] Klinika psikhopatopodobnykh sostoianii posle infektsionnykh meningo-entsefalitov i ikh sudebno-psikhiaticheskaia otsenka Tashkent, Medgiz UzSSR, 1959, 115 p. (DNLM)

MENTAL ILLNESS

Andreev, A. L., ed. [Chemical and morphological bases of biogenic treatment for nervous and mental diseases] Khimiko-morfologicheskie osnovy biogennoi terapii nervno-psikhicheskikh zabolevanii. Moskva, Mosk. nauchn. ob-vo nevropatologov i psikhiatrov. Vol. 1, 1961, 183 p. (DNLM)

Galant, I. B. [Drunkenness and mental illness] P'ianstvo i psikhicheskie bolezni. Moskva, Medgiz, 1960. 31 p. (Nauchno-populiarnaia meditsinskaia literatura) (DNLM)

Rikhter, G. E. [Mental disorders in chronic alcoholic intoxication; clinical aspects, classification, and treatment] Psikhicheskie narusheniia pri khronicheskoi alkogol'noi intoksikatsii, klinika, klassifikatsiia i lechenie. Kiev, Gos. med. izd-vo USSR, 1961. 90 p. (Biblioteka prakticheskogo vracha) (DNLM)

MERCANTILE BUILDINGS

Standard plans for service enterprises. V. P. Protserov. Gor. khoz Mosk 35 no 8,27-29 Ag '61

MERCANTILE BUILDINGS—FIRES AND FIRE PREVENTION see subdivision under Kazakhstan

MERCAPTO GROUP

Change of SH groups in tissues of the injured myocardium of a rat M P IAvich Dokl AN SSSR 139 no. 6 1471-1173 Ag '61.

Sulfhydryl groups in the tissue of the submaxillary gland after its parasympathetic innervation has been damaged [with summary in English] V M Rubel' Biul eksp biol. i med 51 no 4 62-66 Ap '61

MERCHANT SEAMEN

TSurban, A. I. [Handbook of a boatswain in the merchant marine] Spravochnik bolsmana morskogo flota. Leningrad, Izd-vo "Morskoi transport," 1961. 165 p.

MERCURY

Effect of nitrogen on excited mercury atoms I. Agyrbichanu and others. Opt i spektr. 11 no 2 289-290 Ag '61,

Reciprocal dissolubility of mercury and gallium. S P IAtsenko, E. P Druzhinina Zhur neorg khim 6 no 8 1902-1904 Ag '61.

Treatment of calcined stupp from mercury production plants E D Glotko and others Trudy Alt GMNII AN Kazakh SSR 11 164-167 '61

MERCURY—ISOTOPES

Determining the nuclear magnetic moment of the isotope Hg^{199} from the hyperfine structure of the Hgl 5461 Å line I. I. Agibiceanu and others Opt i spektr 10 no 3 297-300 Mr '61

Study of the electrophilic substitution reaction at a saturated carbon atom by the isotope exchange method Report No 3 Isotope exchange of esters of α-bromomercuriarylacetic acids with mercury bromide tagged with Hg^{203}, in water - dioxane O. A Reutov, V. I Sokolov, I P Beletskaia Izv. AN SSSR. Otd khim nauk no 8 1427-1429 Ag '61

MERCURY (PLANET)

Encke-Backlund's comet. Report No. 3: The comet's motion in 1898-1911 and a new determination of the mass of Mercury [with summary in English] S. G. Makover, N A Bokhan Trudy ITA no. 8 137-179 '61.

MERCURY ELECTRIC LIGHT see Electric lighting, Mercury vapor

MERCURY ORES see subdivision under Fergana

MERIDIAN-CIRCLE see Transit circle

MERMAIDS see subdivision under Turkmenistan

MEROMORPHIC FUNCTIONS see Functions, Meromorphic

MESABI RANGE—TACONITE

Dressing of magnetic taconites from the Mesabi deposit, U. S. A. [from "Mining Engineering," no 12, 1958; no 9, 1959] V. G. Derkach, A. M. Levitskii. Obog rud 5 no 5:53-56 '60

MESENTERIES—BLOOD VESSELS

Mechanism of respiratory and circulatory reactions to the administration of chemical irritants into the mesenteric vessels [with summary in English] V.I Grachev. Biul eksp biol i med 51 no 5 26-29 My '61

MESHCHERA—SOIL MECHANICS

Results of shearing field tests of soils with intact structure in the Meshchera Lowland L B Levanovskii Nauch zap MIIVKH 23 137-149 '60.

MESITYLENE

Condensation of mesitylene with 1, 4-dichlorobutane in the presence of aluminum chloride K M Shadmanov Uzb khim zhur no 1 70-72 '61

MESONS

Double dispersion relations and the photoproduction of π-mesons [with summary in English] Part 2 N F Nelipa, V A Tsarev Zhur eksp i teor fiz 40 no 6, 1710-1712 Je '61

Excitation of the He^4 nucleus by 150 Mev. π⁻-mesons [with summary in English] IU A Budnyov and others Zhur eksp i teor fiz 40 no 6:1615-1617 Je '61

Generation of $\bar{\Sigma}^-$-hyperons by π-mesons at pulses of 7 and 8 Bev /c [with summary in English] Van Gan-chan [Wang Kang-ch'ang] and others. Zhur eksp i teor. fiz 40 no 3:734-740 Mr '61.

Leptonic decay of the Λ-hyperon and the probability for $K_{\mu 2}$ and K_{e2}-processes [with summary in English] G M Gandel'man. Zhur eksp i teor fiz 40 no 6: 1672-1675 Je '61

Method for measuring the photoproduction cross section of π+ -mesons on hydrogen near the threshold M I, Adamovich and others. Zhur. eksp. i teor fiz 40 no 3:974-976 Mr '61

Nuclear fission by means of μ-mesons. D. F, Zaretskii, V. M Novikov. Zhur. eksp i teor fiz 40 no 3:982-983 Mr '61.

Remarks on the quantum theory of a nonlinear meson field D Ivanenko, D Kurdgelaidze. Izv. vys. uchab. zav., fiz no 3:109-121 '61

Suppression of two-meson annihilation in antiproton - proton interaction [with summary in English]. E O Okonov Zhur eksp i teor fiz 40 no 6:1728-1731 Je '61

MESONS—DECAY

Experimental verification of the ΔI - 1/2 selection rule for lepton decay of K-mesons [with summary in English] D V Nlagu and others. Zhur eksp i teor. fiz 10 no 6:1618-1624 Je '61

MESONS—SCATTERING

Equations for the photoproduction of pions on nucleons with allowance for pion-pion interaction [with summary in English] L. D. Solov'ev, G. Bialkovskii, A. IUrevich Zhur. eksp. i teor. fiz. 40 no 3 839-847 Mr '61.

Expressing the amplitude of the $2\pi \to N\bar{N}$ reaction in terms of the phases of π - π and π -N scattering [with summary in English] I A Terent'ev, F. M Kunt Vest LGU 16 no 16:5-10 '61.

Method of successive extension of the range of knowledge of spectral functions in the Mandelstam representation [with summary in English] F. M. Kunt, I A. Terent'ev Zhur. eksp. i teor. fiz. 10 no. 3:866-878 Mr '61.

Scattering of K-mesons on nucleons in the case of large orbital momenta [with summary in English] IU. P Nikitin. Zhur. eksp i teor. fiz 10 no. 6:1856-1859 Je '61

Scattering of μ-mesons in lead in the pulse range (1 ÷ 5) Bev /c. S. A. Azimov and others. Izv. AN Uz. SSR. Ser. fiz. -mat nauk 3,61-67 '61.

METABOLISM

Inactive form of adaptive enzymes and its relation with the energy metabolism of cells. V. V. IUrkevich, A. G Zhdanovich Dokl. AN SSSR 139 no 5 1239-1241 Ag '61.

Korotkoruchko, V. P. [Modern concepts of metabolism in the organism] Suchasni uiavlennia pro obmin rechovyn v organizmi. Kyiv, 1961. 47 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrainskoi RSR. Ser. 6, no. 6)

Notes on the history and prospects of direct and indirect calorimetry (concerning R. Wilder's article "Calorimetry"). P. N. Veselkin. Fiziol. zhur. 47 no. 8:1078-1080 Ag '61.

METAL CLEANING

Mechanization of cleaning and finishing departments A. F Zinov'ev. Metallurg 6 no. 8:34-35 Ag '61.

METAL CRYSTALS

Contact melting rate of metals. A. V. Blatkina. Izv. vys ucheb. zav., fiz. no 3,56-61 '61.

METAL CRYSTALS (Continued)

Effect of annealing on the decrease in the damping of an alternating elastic-plastic flexure R. I. Garber, I. I. Selesheńko Fiz. met. i metalloved. 12 no. 1 153-155 Jl '61.

METAL CUTTING
(see also subdivision under Perm)

Bruzhinskii, I. A. [Methods for machining shaped surfaces on machine tools] Metody obrabotki slozhnykh poverkhnostei na metallorezhushchikh stankakh. Izd. 2., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 485 p.

Krivoukhov, V. A., and others. [Machinability of heat-resistant and titanium alloys] Obrabatyvaemost' rezaniem zharoprochnykh i titanovykh splavov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 243 p.

Parkin, A. V. [Metal cutting] Obrabotka metallov rezaniem. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 520 p.

Practical graduation project on the subject of "Metal cutting." A. I. Gorlachevskii. Sred. spets. obr. 6 no. 8-9-13 Ag '61.

Vlasov, A. T. [Removing dust and chips in machining brittle materials] Udalenie pyli i struzhki pri obrabotke khrupkikh materialov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 130 p.

METAL CUTTING—QUALITY CONTROL

Extent and periodicity of the control of high-production operating processes. L. P. Vladimirov. Vzaim. i tekh. izm. v mashinostr., mezhvuz. sbor., no. 3 286-293 '61.

METAL CUTTING, ELECTRIC see Electric metal cutting

METAL-CUTTING TOOLS
(see also subdivision under Moscow)

Conference of the metal-cutting tool industry. Stan. i instr. 32 no. 8, 39-40 Ag '61.

Modernization of metal-cutting equipment. V. P. Samoilov. Tekst. prom. 21 no. 7 7-8 Jl '61.

METAL-CUTTING TOOLS—STANDARDS

Standards for metal-cutting tool industry. Stan. i instr. 32 no. 8, 24a-24d Ag '61.

METAL INDUSTRIES see subdivision under France; Leningrad

METAL INDUSTRIES—PRODUCTION STANDARDS

Branch conference of the workers of ferrous and nonferrous metallurgy. V. Udovichenko. Biul. nauch. inform., trud i zar. plata 4 no. 7 50-53 '61.

METAL IONS

Electron paramagnetic resonance of the Fe^{3+} ion in corundum [with summary in English] L. S. Kornienko, A. M. Prokhorov. Zhur. eksp. i teor. fiz. 40 no. 6, 1594-1601 Je '61.

Paramagnetic resonance of Mn^{2+} in SrS [with summary in English] A. A. Manenkov, A. M. Prokhorov. Zhur. eksp. i teor. fiz. 40 no. 6, 1606-1609 Je '61.

METAL SPRAYING

Gas-flame hard facing with wear-resistant spray coatings. A. L. Kozlovskii, I. I. Iskol'dskii. Svar. proizv. no. 9, 13-20 S '61.

METAL TRADE

"International monopolies of metals" by M. G. Dikanskii. Reviewed by T. Belous. Vnesh. torg. 41 no. 9 31-33 '61.

METALLIC FILMS

Effect of the structure of thick-layered oxide films on their properties. N. D. Tomashov, F. P. Zalivalov. Zhur. prikl. khim. 34 no. 8 1799-1807 Ag '61.

Evaluating the anodic oxidizing process of aluminum alloys with the aid of the coefficient of coating. A. V. Shreider. Zhur. prikl. khim. 34 no. 8, 1770-1786 Ag '61.

Incorporation of the isotope Au^{198} into an anodic oxide film on aluminum. A. F. Bogolovlenskii, N. K. Matiazh. Zhur. prikl. khim. 34 no. 8, 1802-1803 Ag '61.

Investigating electron characteristics of thin film systems. D. O. Horodets'kyi, H. D. Mamuta. Visnyk Kyiv. un. no. 2 Ser. fiz. ta khim. no. 1 79-85 '59.

METALLIC OXIDES

Electron microscope and thermographic study of solid phase reactions in the systems of following oxides: HfO_2 - CaO, HfO_2 - SrO, and HfO_2 - CaO. E. K. Keler, N. A. Godina, M. G. Degen. Zhur. prikl. khim. 34 no. 8, 1769-1775 Ag '61.

Interaction at high temperatures between $ZrTiO_4$ and oxide compounds of metals of groups II, III, and IV of the periodic table. L. P. Mudroliubova. Zhur. prikl. khim. 34 no. 8, 1670-1690 Ag '61.

METALLIC OXIDES—ELECTRIC PROPERTIES

Electrical conductivity and thermal expansion of vanadium, molybdenum and tungsten oxides. V. P. Elliutin and others. Izv. vys. ucheb. zav., chern. met. 4 no. 7 12-17 '61.

METALLOGRAPHY

Activation energy of recrystallization and the evaluation of recrystallization properties of metals and alloys. S. S. Goretik. Fiz. met. i metalloved. 12 no. 1 55-63 Jl '61.

Changes in the mosaic structure of metals as a result of relaxation and recrystallization. O. N. Shivrin. Fiz. met. i metalloved. 12 no. 1, 125-131 Jl '61.

Effect of insoluble impurities on the crystallization and cast structure of metals. D. E. Ovsienko. Sbor. nauch. rab. Inst. metallofiz. AN URSR no. 12, 3-20 '61.

Effect of the speed of crystallization on the structure and properties of commercially pure metals. G. N. Nysanbaev, A. A. Presniakov. Trudy Inst. fiz. AN Kazakh. SSR 4, 78-84 '61.

Microstructural changes in the surface layers of materials subjects to friction in the main parts of diesel engines. G. L. Gluzman. Energomashinostroenie. 7 no. 5 34-35 My '61.

METALLURGIC CHEMISTRY see Chemistry, Metallurgic

METALLURGICAL FURNACES—PROTECTIVE ATMOSPHERE

Theoretical principles of using endo-gas atmospheres. A. A. Shmykov. Metalloved. i term. obr. met. no. 8, 2-8 Ag '61.

METALLURGICAL PLANTS
(see also subdivision under Austria, Maritime Territory)

Kravtsov, A. F., and V. G. Alekseev. [Control and automation of metallurgical processes, a laboratory manual] Kontrol' i avtomatizatsiia metallurgicheskikh protsessov; laboratornyi praktikum. Izd. 2, stereotipnoe. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1960. 1 v. (CU)

METALLURGICAL PLANTS—BIBLIOGRAPHY see Bibliography—Metallurgical plants

METALLURGICAL PLANTS—MODELS

Use of models in designing. A. F. Bychkov. Obog. rud 6 no. 2 30-12 '61.

METALLURGICAL PLANTS—SAFETY MEASURES see subdivision under Siberia

METALLURGICAL PLANTS—TECHNOLOGICAL INNOVATIONS

Maximum utilization of potentialities is a guarantee for the successful carrying out of obligations. Metallurg 6 no. 8 1-3 Ag '61.

METALLURGY

[Principles of metallurgy; in four volumes] Osnovy metallurgii; v chetyrekh tomakh. Red. kollegiia: Iu. A. Bykhovskii i dr. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii.
Vol. 1. [General metallurgy] Obshchie voprosy metallurgii. Otv. red. N. S. Greivei i dr.
Pt. 1. 1961. 601 p.
Pt. 2. 1961. 780 p.

[Problems of contemporary metallurgy; translations and surveys of foreign periodical literature.] Probl. sovr. met.; sbor. perev. i obz. inostr. period. lit. 10 no. 4 '61.

METALLURGY—ABSTRACTS

[Metallurgy.] Ref. zhur. Met. nos. 8-9 Ag-S '61.

METALLURGY—CONGRESSES

Conference on the metallurgy of Kerch Peninsula ores and on pelletizing. A. P. Obog. rud. 4 no. 1 40-41 '59.

METALS

Complexes of polyacrolein with salts of heavy metals. M. M. Koton and others. Dokl. AN SSSR 139 no. 6, 1372-1374 Ag '61.

Electron distribution by states in metals of the iron transition group. N. D. Borisov, V. V. Nemoshkalenko. Izv. AN SSSR Ser. fiz. 25 no. 8 1002-1006 Ag '61.

Free paths of slow secondary electrons in tellurium, lead, and germanium. R. B. Segal'. Fiz. tver. tela 3 no. 8, 2413-2416 Ag '61.

Meikliar, M. V. [Engineering performance of the metal of a steam boiler] Kak rabotaet metall parovogo kotla. Moskva, Gos. energ. izd-vo, 1961. 93 p. (Biblioteka teplotekhnika, no. 8)

METALS—ANALYSIS

Reaction of β-hydroxynaphthaldehyde-α-aminipyridine with certain bivalent cations. S. I. Gusev and others. Zhur. neorg. khim. 6 no. 8 1875-1880 Ag '61.

METALS—BRITTLENESS

Cold brittleness of metals and alloys. A. A. Presniakov, L. I. Dautova. Trudy Inst. iad. fiz. AN Kazakh. SSR 4, 46-52 '61.

METALS—CLASSIFICATION

Results of a discussion on the technical classification of metals. S. K. Shaharin. Izv. vys. ucheb. zav.; tsvet. met. 4 no. 4, 33-39 '61.

METALS—COLD WORKING

Application of the interpolation equation of state to describe the experimental data on the impact compression of metals. S. B. Kormer, V. D. Urlin, L. T. Popova. Fiz. tver. tela 3 no. 7 2131-2040 Jl '61.

Effect of superhigh shearing speeds on the depth of the cold-worked layer. G. D. Polosatkin, N. F. Zamashanskaia, G. S. Stepanova. Izv. vys. ucheb. zav., fiz. no. 3, 173-175 '61.

METALS—ELECTRIC PROPERTIES

Application of the electric transfer method in the study of the electronic structure of metals and alloys. M. D. Smolin, I. N. Frantsevich. Fiz. tver. tela 3 no. 7, 2115-2122 Jl '61.

METALS—FATIGUE

Investigating the fatigue strength of large press parts on specimens with a large cross section. I. V. Kudriavtsev. Kuz.-shtam. proizv. 3 no. 6, 34-38 Ag '61.

METALS—FINISHING

Mechanization of cleaning and finishing departments. A. F. Zinoviev. Metallurg. 6 no. 8, 34-35 Ag '61.

Methods of stabilizing alloys for resistance of a high degree of accuracy. V. S. Meshkin, E. A. Alftan. Metalloved. i term. obr. met. no. 8, 43-46 Ag '61.

METALS—HARDENING

Hardening rods on a sinking mill. G. M. Gorodov, L. N. Derlabin. Shor. rats. predl. vnedr. v proizv. no. 5, 30 '60.

Promising methods of metal treatment. N. N. Riabov. Biul. tekh.-ekon. inform. no. 7, 90-91 '61.

METALS—HEAT TREATMENT

Advantage of heat treating welded heavy press frames. A. F. Silaev, N. A. Ignat'ev. Svar. proizv. no. 8, 40-43 Ag '61.

Changes of coercive force during cyclic heat treatment. I. IA. Dekhtiar, E. G. Madatova. Sbor. nauch. rab. Inst. metallofiz. AN URSR no. 12, 72-87 '61.

Giving up the system of heat treatment for joints welded by the electric slag method. B. A. Kokh. Svar. proizv. no. 8, 34-39 Ag '61.

Kamenichnyi, I. S. [Manual on safety measures for heat treatment shops] Pamiatka po tekhnike bezopasnosti dlia termistov. Izd. 2, dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 30 p. (Tekhnika bezopasnosti)

Sadovskii, V. D., ed. [Metals and their heat treatment] Problemy metallovedeniia i termicheskoi obrabotki. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry.
No. 2. 1960. 186 p.

METALS—TESTING

Determining shear stresses under the effect of pressure on ring specimens. B. A. Shapochkin, L. B. Pirogova. Fiz. met. i metalloved. 12 no. 1, 148-149 Jl '61.

Mechanism of the deformation of metals. P. G. Khillov. Trudy Inst. iad. fiz. AN Kazakh. SSR 4, 3-6 '61.

METALS—THERMAL PROPERTIES

Measuring the heat conductivity of metals at high temperatures. V. V. Lebedev. Fiz. met. i metalloved. 12 no. 1, 157-158 Jl '61.

METALS, EFFECT OF RADIATION ON

Effect of γ-irradiation on the properties of electrolytic nickel. S. D. Gertsriken, N. P. Plotnikova. Sbor. nauch. rab. Inst. metallofiz. AN URSR no. 12, 88-92 '61.

METALS, EFFECT OF TEMPERATURE ON

Characteristics of welded joint deterioration depending on the temperature. M. M. Kraichik, V. N. Maksimov. Svar. proizv. no. 8, 9-10 Ag '61.

Dependence of the microhardness of wear-resistant coatings on the temperature. M. G. Lozinskii, G. G. Zusmanovich, V. S. Mirotvorskii. Metalloved. i term. obr. met. no. 8, 37-39 Ag '61.

Effect of heating on the properties of welded copper-aluminum joints. S. K. Sliozberg, S. K. Gurbuig, M. P. Sokolov. Avtom. svar. 14 no. 9, 20-23 S '61.

Effect of low-temperature annealing on the plasticity of permalloys. B. D. Gurevich. Metalloved. i term. obr. met. no. 8, 51-53 Ag '61.

Effect of the characteristics of crystal lattice distortions on the temperature dependence of the electric resistance of silver and gold. V. A. Petrakov, B. A. Merisov, B. I. Khotkevich. Fiz. met. i metalloved. 12 no. 1, 38-41 Jl '61.

Kinetics of the transformation of white tin into gray. A. I. Bykhovskii. Fiz. met. i metalloved. 12 no. 1, 64-72 Jl '61.

Oxidation at high temperatures of alloys of titanium and tantalum with zirconium. R. F. Voitovich, R. V. Makarova. Izv. AN SSSR, Otd. tekh. nauk, Met. i topl. no. 4 95-100 Jl-Ag '61.

Temperature dependence of the resistance to tear. A. A. Presniakov. Trudy Inst. iad. fiz. AN Kazakh. SSR 4, 107-110 '61.

METALS, RARE AND MINOR
(see also subdivision under United States)

Dissolution and precipitation of rare metal sulfides in salt and acid chloride solutions A. I. Tsefl, F. L. Shaluvina, Z. D. Zhakipova Izv. AN Kazakh SSR Ser. met., obog. i ogneup. no. 2 91-96 '61

Recovery of rare metals from dusts of copper smelting plants G. N. Sosnovskii Trudy Alt. GMNII AN Kazakh SSR 11 60-64 '61

METALS, RARE AND MINOR—ANALYSES

Russia (1923- U.S.S.R.) Ministerstvo geologii i okhrany nedr. [Chemical, physicochemical, and spectral methods of analyzing ores of rare and trace elements] Khimicheskie, fiziko-khimicheskie i spektral'nye metody issledovaniia rud redkikh i rasseiannykh elementov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1961. 138 p. [MICROFILM]

METALS AT HIGH TEMPERATURE

Effect of lithium on the properties of aluminum-manganese alloys at room temperature and higher. M. V. Zakharov and others. Izv. vys. ucheb. zav., tsvet. met. 4 no. 4,134-136 '61.

Heat content and heat capacity of titanium at high temperatures. N. N. Serebrennikov, P. V. Gel'd. Izv. vys. ucheb. zav., tsvet. met. 4 no. 1 86-88 '61.

Investigating certain physical processes occurring on the surface of crystalline solids at high temperatures Part 8. Characteristics of strain leveling on the distorted surface of polycrystalline copper IA. E. Geguzin, N. N. Ovcharenko, L. N. Paritskaia. Fiz. met. i metalloved. 12 no. 1 42-46 Jl '61.

Mechanical properties of 9KhS steel at high temperatures V. P. Severdenko, K. V. Brekhov Dokl. AN BSSR 5 no. 8;338-340 Ag '61

Phase and structural changes in carbon steel under the pulse effect of high temperatures and pressures. B. D. Grozin, S. B. Nizhnik. Fiz. met. i metalloved. 12 no. 1;84-90 Jl '61.

Recrystallization and softening of alloys of magnesium with manganese, aluminum and calcium at high temperatures. M. E. Drits and others Izv. AN SSSR Otd. tekh. nauk. Met. i topl. no. 4 102-110 Jl-Ag '61

METALS AT LOW TEMPERATURES

Effect of heat treatment on the behavior of 3 kp steel at temperatures below 0° N. M. Zamiatin, I. A. Shutov. Izv. vys. ucheb. zav., chern. met. 4 no. 7 142-148 '61.

METALWORK

Dnestrovskii, N. Z., and S. N. Pomerantsev. [Brief manual on the treatment of nonferrous metals and alloys] Kratkii spravochnik po obrabotke tsvetnykh metallov i splavov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961, 410 p.

METALWORKERS

Workers are a decisive factor M. Panshin. Metallurg 6 no. 8,33 Ag '61.

METALWORKING LUBRICANTS

Efficient lubrication for the rolling of thin sheet iron. I. K. Tokar', I. A. Chamin. Metallurg 6 no. 8 22-24 Ag '61.

METALWORKING MACHINERY

Sticking of the metal to tools in sliding friction I. M. Pavlov, V. IA. Osadchii Izv. vys. ucheb. zav., chern. met. 4 no. 7 105-111 '61.

METAPHYSICS

Kovalgin, V. M. [How Marxist philosophy struggles against idealism and metaphysics] Marksistskaia filosofiia protiv idealizma i metafiziki. Minsk, Gos. izd-vo sotsial'no-ekon. lit-ry, 1961. 131 p.

s in the calculation
constituents during
zv. vys. ucheb.
'61.

ley; Podkamennaya

Izd. 2., perer.
. (Vsesoiuznoe
icheskikh i
mii, no. 12)

eorological par-
imov. Opt. i

rasts in the free
dy GGO no. 118

problem of the
. F. Raskin Opt

ubdivision under

METEOROLOGICAL STATIONS

Principles underlying the efficient organization of a network of meteorological stations. O. A. Drozdov Trudy GGO no. 123 33-46 '61

METEOROLOGY
(see also subdivision under Asia, Central; India)

Analyzing the conditions of atmospheric circulation during the July 1958 flood in Transbaikalia O. G. Sorochan Trudy GGO no. 123 79-92 '61

Russia (1923- U.S.S.R.) Koordinatsionnaia komissiia po chislennym metodam prognoza. [Materials of the Conference of the Coordinating Commission on Numerical Forecast Methods] Materialy soveshchaniia. Pod red. M. I. Iudina. Leningrad, Gidrometeor. izd-vo, 1961, 133 p.

METEOROLOGY—BIBLIOGRAPHY see Bibliography—Meteorology

METEOROLOGY—OBSERVATIONS

Homemade nephoscope. A. P. Eroshenko. Geog. v shkole 24 no. 5 54 S-O '61.

METEOROLOGY—OBSERVERS' MANUALS

Russia (1923- U.S.S.R.) Glavnaia geofizicheskaia observatoriia im. A. I. Voeikova. [Radiation recording manual for hydrometeorological stations] Rukovodstvo gidrometeorologicheskim stantsiiam po registratsii radiatsii. Leningrad, Gidrometeor. izd-vo, 1961. 118 p.

METEOROLOGY, AGRICULTURAL—STUDY AND TEACHING see subdivision under Rovenki District

METEOROLOGY, MARITIME
(see also subdivision under Baltic Sea; Caspian Sea; Kara Sea; White Sea)

Heat budget of the world ocean. V. N. Stepanov. Trudy Inst. okean. 37;3-64 '60.

METEOROLOGY IN AERONAUTICS
(see also subdivision under Georgia)

Clouds in the upper troposphere G. D. Reshetov. Trudy TSIP no. 81 48-91 '61.

Nocturnal thunderstorms on air routes of the Soviet Union M. I. Gorodova. Trudy TSIP no. 81 113-126 '61.

Pilot receives a weather chart. A. Brodskii Grazhd. av. 18 no. 7 26-27 Jl '61

This can be done at every field meteorological station I. S. Nikolaev, D. I. Kotelevets. Vest. Vozd. Fl. no. 6 79 Je '61.

METEORS

Choice of pulse duration in a radar system for locating small meteors E. I. Fialko Izv. vys. ucheb. zav., radiotekh. 3 no. 6;549-557 N-D '60.

Distribution of meteoric matter in the solar system. I. N. Latyshev. Izv. AN Turk. SSR, Ser. fiz.-tekh., khim. i geol. nauk no. 1;109-120 '61.

Probability of correct estimation of hourly meteor numbers. K. A. Liubarskii. Izv. AN Turk. SSR, Ser. fiz.-tekh., khim. i geol. nauk no. 1;121 '61

Radar determination of orbits of individual meteors [with summary in English]. B. L. Kashcheev, V. N. Lebedinets, M. F. Lagutin. Astron. zhur. 38 no. 4 681-691 Jl-Ag '61.

Radar observations of meteors in Ashkhabad in July-September 1959. Izv. AN Turk. SSR, Ser. fiz.-tekh., khim. i geol. nauk no. 1;121-127 '61.

METHACRYLALDEHYDE

Oxidation of isobutylene in methylacrolein on copper catalysts. N. I. Popova, F. A. Mil'man, L. E. Latysheva. Izv. Sib. otd. AN SSSR no. 7 77-82 '61.

METHANE

Equation of state of basic methane homologs at below critical pressures and temperatures N. K. Kadyrov. Azerb. neft. khoz. 40 no. 1;30-32 Ja '61.

Kinetics of the catalytic conversion of a methane-hydrogen mixture with water vapor. V. P. Rozhdenstvenskii, M. V. Il'ina-Veselova. Zhur. prikl. khim. 34 no. 8; 1834-1841 Ag '61.

Use of a single-pulse shock tube for studying the total kinetics of the thermal decomposition of methane [with summary in English]. G. I. Kozlov, V. G. Knorre. Inzh. fiz. zhur. 4 no. 7;11-18 Jl '61

METHANE—DIPOLE MOMENTS

Applicability of the zero approximation of a generalized valence-optical system. L. M. Sverdlov. Opt. i spektr. 10 no. 6;702-705 Je '61.

METHANEDIOL

Synthesis and study of alkoxy, 3-chloro-butene-2-oxymethane. Sh. A. Mamedov, A. S. Rzaev. Azerb. khim. zhur. no. 6;83-90 '60

Synthesis of alkyl β-Chloroethyl ethers of methylene glycol. Shamkhal Mamedov, A. Razaev. Azerb. khim. zhur. no. 5;47-56 '60.

METHANOL

Activities of the solvent in methanol solutions of picric acid in the temperature range from 5° to 50°. K. P. Mishchenko, M. K. Fedorov. Zhur. prikl. khim. 34 no. 8;1800-1801 Ag '61.

Effect of certain substances on the solubility of naphthalene in methanol V. Sergeeva, A. Krupnikova Zhur. ob. khim. 31 no. 8 2448-2450 Ag '61

Studying the mechanism of catalytic synthesis of methyl alcohol by the change of the work function [with summary in English] M. T. Rusov, B. M. Kozub, V. M. Vlasenko Dop. AN URSR no. 7 935-937 '61

METHIONINE

Absorption of casein-I^{131} and methionine-S^{35} from the digestive tract at various times after the resection of two-thirds of the stomach [with summary in English] K. S. Zamychkina, L. V. Krukova Biul. eksp. biol. i med. 51 no. 4 43-47 Ap '61

METHYLATION

Synthesis of methylacetoacetic ester by the methylation of acetoacetic ester with dimethyl sulfate E. A. Mistiukov Izv. AN SSSR Otd. khim. nauk no. 8 1512-1513 Ag '61

MICHURIN, IVAN VLADIMIROVICH, 1855-1935

Golitsinskii, D. A. [Ivan Vladimirovich Michurin, his life and activities] Ivan Vladimirovich Michurin, ego zhizn' i deiatel'nost'. Gorki, Izd. Belorusskoi sel'. khoz. akademii, 1950. 34 p. (DA)

MICKIEWICZ, ADAM, 1795-1855

Loika, A. [Adam Mickiewicz and White Russian literature] Adam Mitskevich i belaruskaia literatura. Minsk, Vyd-va Beldzhiarzkuniversitcta, 1959. 132 p. (InU)

MICROBIOLOGICAL RESEARCH

It is not only irrigation R. Romanov Smena 38 no. 10 26-27 My '61

MICROCLIMATOLOGY

Changes in microclimatic conditions due to the effect of improvement cuttings in mixed deciduous-spruce stands. V. V. Protopopov Trudy Lab. lesoved. 3;58-92 '61.

Microclimatic investigations in the viticultural zone of Transcarpathia. A. V. Shakhnovich, A. A. Vil'kens Trudy Ukr. NIGMI no. 23 3-20 '61.

Some methodological problems in the processing of microclimatic observations. A. V. Shakhnovich. Trudy UkrNIGMI no. 23 56-69 '61

MICROFILMS

Midget libraries. O. Danilov. Znan. ta pratsia no. 9;32 S '61

MICROMETER
(see also subdivision under Moscow)

First results of measurements of binary stars with the SPM-1 polarization micrometer [with summary in English]. P. G. Kulikovskii, N. E. Kurochkin, G. A. Starikova. Astron. zhur. 38 no. 4 762-767 Jl-Ag '61.

Investigating contact micrometers. G. P. Pil'nik, N. S. Blinov Trudy GAISH 30 159-163 '61

MICRO-ORGANISMS

Shaposhnikov, V. N. [Physiology and biochemistry of micro-organisms] Fiziologiia i biokhimiia mikroorganizmov. Moskva, Akad. nauk, In-t mikrobiologii, 1959, 287 p. (ViBlbV)

MICRO-ORGANISMS, NITROGEN-FIXING see subdivision under Murgab Oasis

MICROPALEONTOLOGY see subdivision under Kopet-Dag

MICROPHONE

Capsule of the capacitor microphone KM - 58(19-A5). G. V. Butakov. Trudy NIKFI no. 34;78-84 '60.

Characteristics of electron tubes for capacitor microphones. N. P. Tager. Trudy NIKFI no. 34 110-117 '60.

Experimental investigation of the capsule of a composite capacitor microphone. G. V. Butakov. Trudy NIKFI no. 34,69-77 '60.

MICROSPECTROPHOTOMETRY

Microphotometric determination of the quantity of absorbing matter in nonhomogeneous objects A. I. Sherudilo, V. IA. Brodskii. Opt. i spektr. 11 no. 2;266-267 Ag '61.

Study of Raman spectra at low temperatures. R. S. Lebedev, A. V. Sechkarev. Izv. vys. ucheb. zav.; fiz. no. 3,62-65 '61.

MICROWAVES

Concerning the calculation of the reliability of tropospheric communication systems at correlated fadings. A. V. Prosin. Radiotekh. i elektron. 6 no. 9 1578-1580 S '61.

Concerning the nature of the fluctuations of a microwave signal propagating over a nonhomogeneous surface. N. D. Filipp. Radiotekh. i elektron. 6 no. 9 1432-1441 S '61.

Demagnetization of a ferrite medium in a microwave field at large signal level K. P. Ivanov Izv. vys. ucheb. zav., radiotekh. 3 no. 6 652-654 N-D '60

MICROWAVES (Continued)
Excitation of a delay line by means of periodical sequence of ideally focused electron bunches. G.F. Filimonov. Radiotekh i elektron. 6 no 9 1508-1518 S '61.
Method for investigating radio waves in the troposphere at wide angles. V A Zinichev, IU. A. Ryzhov, O I Ilkin Izv. vys. ucheb. zav., radiofiz. 4 no.1 177-178 '61.
Use of ferrite valves in a microwave phase meter V.IU Bychkov. Izv vys ucheb zav , radiotekh 3 no 6 665-667 N-D '60
Variation principle for hollow-space systems with anisotropic medium. V.V. Nikol'skii Radiotekh i elektron. 6 no.9 1583-1585 S '61.

MIDDLE AGES
(see also subdivision under Germany; Italy)
The 11th International Congress of Historians and the study of medieval history N. A Sidorova Sred veka no 20 254-270 '61
"Law and medieval historian" [in English] by W. Ullmann Reviewed by E. V Gutnova. Sred. veka no. 20 280-287 '61

MIDDLE AGES—BIBLIOGRAPHY see Bibliography—Middle Ages

MIGUNOV, BORIS IVANOVICH, 1899-
Boris Ivanovich Migunov on his 60th birthday. Arkh. pat. 21 no. 9:94 '59.

MIKHAILOVSKOYE (STAVROPOL TERRITORY)—HISTORY-STUDY AND TEACHING
Festival of the young students of local history. P. Gutenev. Prep. ist v shkole 16 no 5 99 S-O '61.

MIKHNEVO (MOSCOW PROVINCE)—SCHOOLS
School in Mikhnevo. Nar. obr. no. 9:72a-72d S '61

MILI STEPPE see Kura Lowland

MILITARY AERONAUTICS see Aeronautics, Military

MILITARY AIRPLANES see Airplanes, Military

MILITARY ART AND SCIENCE
Economic and sociopolitical foundations of the military power of different states. B. Uzentev. Komm Vooruzh. Sil 1 no. 6:47-54 Mr '61.
Fedorov, G. A., N. IA. Sushko, and B. A. Bolyi, eds. [Marxism-Leninism on war and the army] Marksizm-leninizm o voine i armii. Izd. 2. perer. i dop. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 393 p.
The great theoretician of Marxism; on the 140th anniversary of F. Engels' birth. M. Demidov Komm Vooruzh. Sil 1 no. 4 16-22 N '60
Mil'shtein, M. A., and A. K. Slobodenko. [On bourgeois military science] O burzhuaznoi voennoi nauke. Izd. 2., perer. i dop. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 354 p.
"Russian military theory in the 19th and the beginning of the 20th centuries." Edited by L. G. Beskrovnyi Reviewed by I. Korotkov. Voen.-ist. zhur. 3 no. 3:102-109 Ag '61.
Staff of the battalion in battle. V. Tumas. Voen. vest. 41 no. 5:41-44 My '61.
V. I Lenin as the organizer and leader of the military defense of the Soviet state, problems of Soviet military science in V. I. Lenin's works, a brief outline of a lecture or a study group session. A. Makarov. Komm Vooruzh. Sil 1 no. 4, 36-39 N '60.

MILITARY ART AND SCIENCE—BIBLIOGRAPHY see Bibliography—Military art and science

MILITARY ART AND SCIENCE—MATHEMATICAL MODELS
Operations research. IU. G. Mil'grant. Vest. Vozd. Fl. no. 7:31-34 Jl '61.

MILITARY ART AND SCIENCE—STUDY AND TEACHING
Teaching the history of the military art under modern conditions. P. Kurochkin. Voen.-ist. zhur. 3 no. 3: 3-12 Ag '61.

MILITARY BASES, AMERICAN see subdivision under Japan

MILITARY COMMUNICATIONS see Communications, Military

MILITARY COOKERY see Cookery, Military

MILITARY DISCIPLINE
Be truthful and honest. Vest. Vozd. Fl. no. 8:5-6 Ag '61
By the authority of the group leader. Vest. Vozd. Fl. no. 7:48-49 Jl '61.
Commissioned officers study psychology and pedagogy. A. Petrov. Komm. Vooruzh. Sil 1 no. 6:76-77 Mr '61.
Confidence and control. D. A. Lysenkov. Vest. Vozd. Fl. no. 7:26-28 Jl '61.
Exactingness. M. K. Sidorov. Vest. Vozd. Fl. no. 6: 14-16 Je '61.
Executive capacity. V. P. Lysenko. Vest. Vozd. Fl. no 8:45-49 Ag '61.
For firm military discipline. L. Konstantinov, A. Chvarkov Tyl i snab Sov Voor. Sil 21 no 7:21-25 Jl '61
An important part of our struggle for the strict maintenance of military discipline. I. Pliev Komm Vooruzh Sil 1 no. 4:33-38 F '61.
Let's consistently tighten discipline among military builders Komm. Vooruzh Sil 1 no 3 47-49 N '60
Let's improve educational work in small military units and companies. Komm Vooruzh Sil 1 no 2 40-42 Ja '61
Let's live and work as our Il'ich did Komm. Vooruzh. Sil 1 no. 7:47-53 Ap '61.
Let's persistently popularize and carry out the requirements of the new regulations Komm Vooruzh. Sil 1 no 3 9-13 N '60.
Let's strictly maintain Soviet military discipline. A Larikov Komm Vooruzh Sil 1 no 3 71-76 N '60
Our great Lenin insisted on the strict maintenance of military discipline. A. Rytov Komm Vooruzh. Sil 1 no. 7:26-33 Ap '61.
Strict discipline guarantees exemplary utilization of materiel. V. I Pirozhkhin Vest protivovozd obor no 9 48-51 S '61.
We should skillfully use encouragement and punishment in the education of Soviet servicemen. K. Moskalenko Komm Vooruzh Sil 1 no 1 23-30 N '60
What underestimating the force of public opinion leads to A. M Vilesov, I. P. Lysyi. Vest. protivovozd obor no. 7:7-12 Jl '61.

MILITARY EDUCATION
Act in accord with the situation during training of troops P Kazantsev. Tyl i snab Sov. Voor Sil 21 no. 6 58-61 Je '61
Act perfectly under field conditions. Tyl i snab Sov. Voor Sil 21 no. 7 3-6 Jl '61.
Care of a Communist Youth League Organization in training of rated specialists. I. N. Safonov. Vest. protivovozd. obor. no. 6:43-45 Je '61.
Do away with the formalistic guidance of socialist competition. I. Semiokhin Komm Vooruzh Sil 1 no 6 31-36 Mr '61.
Education of newly enlisted soldiers. M. Tuzhilin. Komm. Vooruzh. Sil 1 no. 3:68-70 F '61
The educational process and its nature. A. Barabanshchikov. Komm Vooruzh. Sil 1 no. 3:52-57 F '61
An effective method of the promotion of military and technological knowledge. K. Pogozhev Komm. Vooruzh Sil 1 no. 3:71-73 F '61.
Engineer and military training K. M. Shpilev, M. I. Golyshev. Vest. Vozd. Fl. no. 7, 6-19 Jl '61.
Guide competition concretely and constantly. V. M. Bolar. Vest. protivovozd. obor. no. 6:7-9 Je '61.
Improve methodological skill. N. Maliugin Tyl i snab. Sov. Voor. Sil 21 no. 5:32-35 My '61.
Instructor. D. Kazakov. Voen. vest. 41 no. 5:78-80 My '61.
Let us widen the interconnection with troops. E. E. Matorov. Vest. protivovozd. obor. no. 6:63-65 Je '61.
Let's improve the ideological training of youth in military schools. Komm. Vooruzh. Sil 1 no. 6:52-54 D '60.
New educational methods in the Suvorov Military School in Kiev. N. Belous. Komm. Vooruzh Sil 1 no. 4:58-62 F '61.
Officers must have sound technical knowledge E. V. Korshunov Vest protivovozd. obor. no 9:12-14 S '61.
On the threshold of the new academic year. P. K. Demidov. Vest. protivovozd. obor. no. 8:62-66 Ag '61.
On the true path. P. A. Valuev. Vest. obor. no. 6:10-14 Je '61.
Our experience in disseminati N. N. Efimov. Vest. protivov '61
Party and political work Tyl. no 6 62-67 Je '61.
Preliminary examinations of a in military academies. Kom 87 Ap '61.
Problem which it is time to s obor. no. 6:70-72 Je '61.
Requirements for admission t military education. Komm. F '61.
Role of sergeants in the educa sonnel. G. S. Lazarev, M. F vozd. obor. no. 6:53-56 Je
Student achieves excellence i Vest. protivovozd. obor. no.
Study! A. G. IArchuk. Vest. '61.
We are raising the training le P. A. Rotmistrov. Vest vys. '61.
We must try to improve the w military academies in every S. Il'in. Komm. Vooruzh. Sil
We raise the ideological stan A. Barbosov, B. Akkerman. no. 5:67-69 D '60.
We should skillfully use encouragement and punishment in the education of Soviet servicemen K. Moskalenko Komm Vooruzh Sil 1 no 4 23-30 N '60
Words and deeds go together N N Chernov Vest. protivovozd obor no 9 59-61 S '61

MILITARY EDUCATION—BIBLIOGRAPHY see Bibliography—Military education

MILITARY ENGINEERING—STUDY AND TEACHING
Organization of lessons in combat activity V A. Isavin, V P Korolev Vest protivovozd obor no 9 21-23 S '61

MILITARY ENGINEERS
Competition of military builders B. Ostrovskii. Komm Vooruzh. Sil 1 no. 4:49-51 F '61.
Experienced mentor of military engineers. I. Z. TSapenko. Vest. protivovozd. obor. no 8 69-69 Ag '61
Interesting encounter D.K Tkachev Vest protivovozd obor no 9 17 S '61
Let's consistently tighten discipline among military builders. Komm Vooruzh. Sil 1 no. 3 47-49 N '60
Military builders from a "company of communist labor." A. Kolinichenko, A. Nikitin Komm. Vooruzh Sil 1 no. 17, 54-68 S '61.
Military builders undergo a difficult test. A. Panshin Komm. Vooruzh. Sil. 1 no. 17:46-51 S '61.
We should lay greater weight on the active participation of engineers and technicians in political and educational work N Antonov. Komm Vooruzh Sil 1 no 2 30-34 Ja '61.

MILITARY EXPLOSIVES see Explosives, Military

MILITARY HOSPITALS see Hospitals, Military

MILITARY HYGIENE
Medical control of nutrition for soldiers in summer A. Smirnov. Tyl i snab Sov. Voor. Sil 21 no. 7 59-60 Jl '61

MILITARY LIBRARIES
The promoters of books N. I Urov Komm. Vooruzh Sil 1 no 2 70-72 O '60.

MILITARY MANEUVERS
Designation of the opponent. I. Krivonosenko. Voen. vest. 41 no. 5 64-68 My '61.
His new duties, a sketch. I. Vakurov. Komm. Vooruzh. Sil 1 no. 3:50-53 N '60.

MILITARY MAPS see Maps, Military

MILITARY MEDICINE see Medicine, Military

MILITARY MOTORTRUCKS see Motortrucks, Military

MILITARY PHARMACY see Pharmacy, Military

MILITARY PHOTOGRAPHY see Photography, Military

MILITARY POSTS—REPAIRING
Time is ripe for repairing buildings B. Kuptsov. Tyl i snab Sov Voor. Sil 21 no. 6 72-75 Je '61

MILITARY PSYCHOLOGY see Psychology, Military

MILITARY RADAR see Radar, Military

MILITARY RADIO see Radio, Military

MILITARY RECONNAISSANCE
Reconnaissance of a river. A. Bulgakov. Voen. vest. 41 no. 5:38-41 My '61.

MILITARY SHOOTING see Shooting, Military

MILK, HOMOGENIZED
Determining the effectiveness of the homogenization of milk. V Vaitkus Izv vys ucheb zav , pishch. tekh no 3:139-141 '60

MILK VETCHES see subdivision under Kopet-Dag

MILKING MACHINES
"Electric calf " I. Sergeev Nauka i zhizn' 28 no. 7, 93 Jl '61.

MILKY WAY
Luminosity function in the region of the Milky Way with the center l = 343°, b = 0° [with summary in English]. I I Pronik Astron. zhur 38 no 4 662-664 Jl-Ag '61

MILLER, ANATOLII FILIPPOVICH, 1901-—BIBLIOGRAPHY see Bibliography—Miller, Anatolii Filippovich, 1901-

MILLET
(see also subdivision under Aktyubinsk Province)
Oat groats and millet as raw material for manufacturing concentrated food A. M. Prokof'eva Trudy VNIIKOP no 10,61-81 '59
Sitnikov, V.S. [Obtaining 238 poods of millet per hectare] Dvesti tridtsat' vosem' pudov prosa s gektara. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 12 p. (Reshenila ianvarskogo (1961 g.) Plenuma TsK KPSS - v zhizn'!) (DA)
Varenitsa, E. T. [Siberian millet; biology, breeding, and cultivation] Chumiza; biologiia, selektsiia i agrotekhnika. [Moskva] Gos. izd-vo sel'khoz. lit-ry, 1958. 431 p. (DA)

MILLET—STORAGE
Storage of moist millet in an inert gas atmosphere. M V Kachkova, A G Temkin, V N Fedorov Izv vys ucheb zav , pishch. tekh no 3:14-17 '60

MILLIKAN RAYS see Cosmic rays

MILLING MACHINES
High-speed milling by means of cutters capped with a hard alloy IA. N Lishchinskii Uch zap Kuib gos ped inst no 29 119-133 '59
Mandrel for a horizontal milling machine. S. I Moliver, V V Shkunkin Stan i instr 32 no 8:36 Ag '61.
Modern plano-milling machines; survey of foriegn literature A F Mushtaev Stan i instr 32 no 8, 23-30 Ag '61.
New procedures for milling concave surfaces. I Sh. Belinicher Stan i instr 32 no 8,18-19 Ag '61.
"Portable duplicate milling machine for milling the surface of runner chambers of hydroelectric power station apparatus" by F V. Zhiguleva, V Z. Vysotskii. Book review Gidr. stroi. 31 no. 8 3 of cover Ag '61

MINE ACCIDENTS see subdivision under Cheremkhovo Basin

INE DUSTS
Dust control. N. Kaliuzhnyi, A. Dulnov. Sov. shakht. 10 no. 9 20-21 S '61.
Influence of the diameter of a bore hole on the formation of dust in rocks of various strength L I Baron, M.D. Fugzan, F. I Markenzon. Bezop truda v prom. 5 no. 8 18-20 Ag '61
"Struggle with the coal and rock dust in mines." Reviewed by A. F. Serkin, G. P. Kargin. Bezop. truda v prom. 5 no. 8 37-38 Ag '61.
Unit for whitewashing and sprinkling of mine workings. N F Kuprik, I. P. Nikulin. Bezop truda v prom. 5 no. 8 32-33 Ag '61.

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MINE RAILROADS
Operators of electric locomotives. A. Krokhmaliuk. Sov. shakht. 10 no. 9 9-10 S '61.

MINE RAILROADS—CARS
Mine car lubrication IU. Maiorenko Sov shakht 10 no 7 17-18 Jl '61

MINE ROOF BOLTING
Design and modeling of flexible metal fences for mine workings as applicable to new mining systems with roof bolting and ore extraction on strike. I Tisa. Izv. vys. ucheb. zav , tsvet met. 4 no. 4 16-23 '61.

MINE SURVEYING
Rodionov, L. E., and E. A. Bugaets. [Surveying in open-pit mining] Marksheideiskie raboty pri otkrytykh razrabotkakh. Moskva, Gos. nauchno-tekhn izd-vo lit-ry po gornomu delu, 1961. 334 p

MINE TIMBERING
Fir and mine timber defects. N. Naboko Sov. shakht. 10 no 9 24-25 S '61.
Frame timbering on hydraulic props. N. A. Volobuev, M P. Zhorshchik Bezop. truda v prom 5 no 8 31-32 Ag '61

MINE VENTILATION
About the M. A Krainikov's article "Calculating air in accordance with gas content and controlling the ventilation of workings." N. I. Lindenau and others Bezop. truda v prom. 5 no 8 12-14 Ag '61
Skochinskii, A. A., ed. [Air and ventilation of mines. Control of dust, gases, and fires Mine rescue operations] Rudnichnaia atmosfera i ventiliatsiia. Bor'ba s pyl'iu, gazami i pozharami. Gornospasatel'noe delo. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po ugol'noi promyshl., Ugletekhizdat, 1959. 375 p. (DI)
Stopping the ventilators of partial ventilation on days off and holidays. Bezop. truda v prom 5 no. 8 38 Ag '61
Systems of the slope ventilation and the improvement of their designing F. A Kovshulia and others. Bezop truda v prom 5 no 8 15-18 Ag '61.
Voronin, V. N., L. D. Voronina, and A. D. Bagrinovskii. [Manual on the designing and practical realization of anti-dust ventilation systems in metalliferous mines] Rukovodstvo po proektirovaniiu i prakticheskomu osushchestvleniiu protivopylevykh ventiliatsionnykh rezhimov v metallicheskikh rudnikakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 201 p.

MINERAL AGGREGATES see Aggregates (Building materials)

MINERAL OILS
Heat conductivity of some petroleum oils. A. K. Abas-zade, R A Mustafaev. Azerb neft. khoz. 39 no. 2, 31-32 F '60.

MINERAL WATERS see subdivision under Elbrus region, Istisu, Novye Senzhary; Siberia, Eastern

MINERAL WOOL—STANDARDS
State Standard for mineral wool. Biul. stroi tekh. 18 no 7 20-21 Jl '61

MINERALOGY
(see also subdivision under Carpathian Mountains, Kirghizistan)
Current problems of mineralogy and petrography. N. A. Toropov, V. P. Barzakovskii. Vest AN SSSR 31 no. 8 120-121 Ag '61.
Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut mineral'nogo syr'ia. [Quality required by industry in mineral raw materials; a handbook for geologists] Trebovaniia promyshlennosti k kachestvu mineral'nogo syr'ia; spravochnik dlia geologov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr. No. 7. Lur'e, M. A. [Quartzite, sandstone and vein quartz] Kvartsit, peschanik i zhil'nyi kvarts. Nauchn. red. A. A. Veikher. 1961. 38 p.

MINERALOGY, DETERMINATIVE
Using stereographic equatorial grids for determining the orientation of ore chutes in veined deposits V. F. Chernyshev. Trudy IGEM no 41:194-198 '61

MINERALS—ANALYSIS
Selective solvents. Report No 2. B S Khristoforov, V. N Shabanov Trudy Alt GMNII AN Kazakh. SSR 11 153-159 '61.

MINERALS IN FOOD
Characteristics of the mineral composition of vegetable food products in the Turkman S. S R. N. N. Grigor'iants, T A. Sokolova, S G. IAgodinskaia Izv. AN Turk. SSR. Ser biol. nauk no. 1, 48-53 '61.

MINERS—DISEASES AND HYGIENE
Prevention and treatment of minor injuries of miners. D. L. TSirlina, E. M. Smerdova. Oriop., travm. i protez. no. 6:55-58 '61.

MINERS—SONGS AND MUSIC see subdivision under Donets Basin

MINES AND MINERAL RESOURCES
(see also subdivision under Silesia, Poland)
Conditions for starting a two-motor drive of a mine hoisting system M S Novozhilova. Izv vys ucheb zav , energ. 4 no 8 22-27 Ag '61.

MINES AND MINERAL RESOURCES—COMMUNICATION SYSTEMS
Rol'nik, M. A. [Sparkproof telephone communications systems and apparatus in mines] Iskrobezopasnye sistemy i apparaty shakhtnoi telefonnoi sviazi. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 54 p.

MINES AND MINERAL RESOURCES—LIGHTING
Certain problems concerning the improvement in the lighting of ore mines L S Samoilovich Svetotekhnika 7 no. 7 15-18 Jl '61

MINES AND MINERAL RESOURCES—MAPS—SYMBOLS
Brief news A. Zimina, A. Dometti. Geog. v shkole 24 no 4 87-88 Jl-Ag '61

MINES AND MINERAL RESOURCES—PERIODICALS
Subscribe to the technical journals published by the State Publishing House of Literature on Mining and Technology. Bezop truda v prom 5 no 8:25 Ag '61.

MINGECHAUR RESERVOIR—WATER—COMPOSITION
Hydrochemical conditions of Mingechaur Reservoir [in Azerbaijani with summary in Russian] M M Bursinov Izv AN Azerb SSR Ser biol i med nauk no 6,64-74 '61.

MINGECHAUR RESERVOIR REGION—AFFORESTATION
Afforestation of the banks of Mingechaur Reservoir A P. Bandin Izv. AN Azerb. SSR. Ser. biol i med nauk no 5,15-21 '61.

MINIATURE ELECTRONIC EQUIPMENT
Petrov, I. N. [Miniature radio devices] Miniaturnye radiousiroistva. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 140 p.

MINING ENGINEERING
Achieved by public efforts M IUgilevich. Sov shakht. 10 no. 7-31-32 Jl '61.
Akademiia nauk SSSR. Institut gornogo dela. [Mechanization and automatization in mining] Mekhanizatsiia i avtomatizatsiia v gornoi promyshlennosti; sbornik statei. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 348 p.
Baron, L. I., ed. [Shattering properties of explosives for mining] Drobliashchaia sposobnost' vzryvchatykh veshchestv dlia gornykh rabot. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 111 p.
Borzov, K. V. [Control and measuring instruments used in mining] Kontrol'no-izmeritel'nye pribory, primeniaemye v gornodobyvaiushchei promyshlennosti. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 158 p.
Conclusions derived from practice. A. Pavlov. Sov. shakht. 10 no. 9 24 S '61.
Consultation Bezop. truda v prom. 5 no. 8:35-36 Ag '61
[Mining handbook] Spravochnik po gornorudnomu delu. Red. kollegiia: A. M. Terpigorev i dr. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu.
Vol. 3. [Underground mining] Podzemnye raboty. Nauchn. red. A. M. Terpigorev i R. P. Kaplunov. 1961. 803 p.

MINING ENGINEERING—ABSTRACTS
[Mining.] Ref. zhur. · Gor. delo no. 9 S '61.

MINING ENGINEERING—CONGRESSES
Technological Reporting Conference in the Northern Caucasus Institutes of Mining and Metallurgy. A. E. Sokolov, Izv. vys. ucheb. zav., tsvet. met. 4 no. 4:167-169 '61.

MINING ENGINEERING—ELECTROMECHANICAL ANALOGIES
Design and modeling of flexible metal fences for mine workings as applicable to new mining systems with roof bolting and ore extraction on strike. I. Tisa. Izv. vys. ucheb. zav., tsvet. met. 4 no. 4:16-23 '61.

MINING ENGINEERING—SAFETY MEASURES
Editor's mail. Bezop. truda v prom 5 no. 8:34 Ag '61.
"Let's eliminate accidents from the falling pieces of coal and rock." Bezop. truda v prom. 5 no. 8:29 Ag '61.

MINING MACHINERY—TECHNOLOGICAL INNOVATIONS
Mechanizing the operation of shaft grates. N. I. Sivachek and others. Sbor. rats. predl. vnedr. v proizv no. 5, 5-8 '60.
Suggestions from the mining innovators of the "Stalinshakhtoprokhodka Trust." V. V. Afonchenko. Bezop truda v prom. 5 no. 8:30-31 Ag '61.

MINING INDUSTRY AND FINANCE see subdivision under Donets Basin

MINING MACHINERY
Akademiia nauk SSSR. Institut gornogo dela. [Use of vibrating machinery in mining] Primenenie vibrotekhniki v gornom dele. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 303 p.
Kliuchnikov, I. I., and A. S. Arkhangel'skii. [Cutter-loaders PKG-3 and PKG-4] Prokhodcheskie kombainy PKG-3 i PKG-4 Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 174 p.

MINING RESEARCH
(see also subdivision under Dnepropetrovsk; Ukraine)
Sixth international symposium on mining research. N. V. Mel'nikov, M. M. Protod'iakonov. Vest. AN SSSR 31 no. 8 99-100 Ag '61

MINISTERIALS see subdivision under Germany

MINSK—APARTMENT HOUSES
Apartment houses made of vibrated brick panels D. Konstantinovskii. Zhil. stroi no. 7 20-21 Jl '61
House with walls made of asbestos cement panels A. Voinov, G. Madalinskii, A. Zhigal'skii. Zhil. stroi. no. 7 18-19 Jl '61

MINSK—BALLET
"Tale of a dead tsarevna and seven heroes" Nikolai Pliash. Teatr 22 no. 9 117-118 S '61

MINSK—BUILDINGS, PREFABRICATED
Apartment houses made of prefabricated rooms. S. Atnev and others. Zhil. stroi no. 7 24-26 Jl '61

MINSK—CITY PLANNING
Osmolovskii, M. S. Minsk. Moskva, Gos. izd-vo lit-ry po stroit. i arkhit., 1952. 108 p. (Praktika sovetskogo gradostroitel'stva)

MINSK—CUTTING MACHINES
New scientific and technological developments. Belarus' 18 no. 9, 32 S '61.

MINSK—PRECAST CONCRETE
Housing construction combine No. 1. V. Lastochkin. Zhil. stroi no. 7 13-15 Jl '61.
Housing construction combine No. 2. S. Nasvetnikov. Zhil. stroi. no. 7 15-17 Jl '61.

MINSK—PRECAST CONCRETE CONSTRUCTION
Assembly of large-panel houses in Minsk. S. Gol'din, N. Zarovkina, V. Minkevich. Zhil. stroi. no. 7 9-10 Jl '61
Minsk housing construction combines. I. Iankovskii. Zhil. stroi. no. 7:11-13 Jl '61

MINSK—TRACTOR INDUSTRY
Builders of new tractors. Prof.-tekh. obr. 10 no. 5:15 My '61

MINSK REGION—MOLLUSKS, FOSSIL
Mollusks from the loess of Minsk. V. M. Motuz. Dokl. AN BSSR 5 no. 8:357-360 Ag '61

MINUSINSK BASIN—OIL SANDS—PERMEABILITY
Fractured reservoirs in a cross section of the Devonian of the South Minusinsk Lowland. T. V. Dorofeeva. Trudy VNIGRI no. 165:200-207 '61.

MIRGALIMSAY—BORING MACHINERY—MAINTENANCE AND REPAIR
Information. Nar. khoz. Kazakh. 19 no. 8:05 Ag '61.

MIRNYY—RESTAURANTS, LUNCHROOMS, ETC.
In the city of Yakutian diamonds. G. Orkin. Obshchestv. pit. no. 6:45 Je '61.

MIRZACHUL' REGION—DRAINAGE
Construction of vertical drainage in the Golodnaya steppe. N. M. Reshetkina and others. Mat. po prolzv sil Uzb no. 15, 281-306 '60

MISPED LABOR see Pregnancy, Protracted

MISSING PERSONS
We cannot agree with the implementation of Article 12 of the Civil code of the R.S.F.S.R. by the plenary session of the Supreme Court of the U.S.S.R. D. Gazilants. Sov. iust. no. 17 8-9 S '61.

MISSIONARIES, AMERICAN see subdivision under China

MITES
(see also subdivision under Erivan region)
"Larvae of Hydrachnellae, their parasitic development and systematics" [in German] by Ingrid Sparing. Reviewed by I. I. Sokolov. Zool. zhur. 40 no. 8:1263-1264 Ag '61.

MITOCHONDRIA
Histochemical study of the distribution of succinic dehydrogenase in the kidney. K. A. Zuparov, S. S. Chizhova, E. K. Shishova. TSitologiia 3 no. 4:474-476 Jl-Ag '61

MITRAL VALVE—DISEASES
Characteristics and diagnostic significance of diastolic murmur in mitral stenosis with regular rhythm of cardiac contraction L. M. Fitileva, N. S. Bushenko. Klin. med. no. 7 96-102 '61
Complications in cardiac catheterization in patients with mitral stenosis. V. I. Vasil'ev, N. A. Pastukhov. Klin. med no. 7 102-106 '61

MITRAL VALVE—SURGERY
Akademiia meditsinskikh nauk SSSR, Moscow. Institut grudnoi khirurgii. [Technic of mitral commissurotomy; transactions of a symposium] Tekhnika mitral'noi komissurotomii, trudy simpoziuma. Moskva, 1960. 95 p.
(DNLM)

MITROKHIN, DMITRII ISIDOROVICH, 1883-
New works by D. Mitrokhin. IU. Rusakov. Iskusstvo 24 no. 7 38-41 '61.

MIXING MACHINERY—ATTACHMENTS
Batching tank for mortar and concrete mixers. Stroi i arkhit 9 no. 7 34-35 Jl '61

MODELS AND MODELMAKING
Present stage of extracurricular work on technology IU. S. Stoliarov. Fiz v shkole 21 no. 3, 33-38 My-Je '61.

MODELS AND MODELMAKING—STUDY AND TEACHING
Methods of teaching technical modelmaking in the fifth grade D. I. Kupov. Shkola i proizv. 5 no. 6:42-47 Je '61

MODERN HISTORY see History, Modern

MOGILEV PROVINCE—FARM MECHANIZATION
Earth submits to the strong. N. Marchenko, I. Sadovskii. Prof.-tekh. obr. 18 no. 5:19-20 My '61.

MOHAMMEDANISM
"Antiscientific nature of the Islam and problems concerning the atheistic education of workers in Soviet Turkmenistan" by Nedir Kuliev Reviewed by IU. G. Petrash. Vop. filos 15 no. 9:163-165 '61

MOISEEV, NIKOLAI DMITRIEVICH, 1902-1955
Nikolai Dmitrievich Moiseev; on the 5th anniversary of his death. I. N. Rakcheev. Vest. Mosk. un. Ser. 1: Mat., mekh. 16 no. 4:71-77 Jl-Ag '61.

MOISIA, IVAN LEONTIEVYCH, 1905-
The early works of Ivan Le. M. O. Lakyza. Dop. ta pov. UzhDU. Ser. filol. no. 17-19 '58

MOLASSES
Experimental investigation of the surface tension of molasses waste S. M. Konstantinov. Izv. vys. ucheb. zav., pishch. tekh no. 3 130-131 '60
Production of sugar and yeast from feed molasses. L. E. Fleishman and others. Sakh. prom. 35 no. 8 11-16 Ag '61

MOLDAVIA—CANNING INDUSTRY
Canning and preserving industry of Moldavia. B. F. Sviridov. Kons. i ov. prom. 16 no. 6 6-9 Je '61
Eliminating seasonal fluctuations in the work of the Moldavian canning industry is an important potential for increasing production and improving the utilization of capital assets. N. M. Martynenko. Uch. zap. Kish. un.: Mezhvuz. sbor. po polit. ekon. no. 1:97-108 '60.

MOLDAVIA—CANNING INDUSTRY—EQUIPMENT AND SUPPLIES
Problems of the mechanization of jam production. E. I. Pravda, N. M. Chmilenko. Kons. i ov. prom. 16 no. 7: 12-15 Jl '61.

MOLDAVIA—COFFEE
Hot coffee at any time. E. Maksimenko. Obshchestv. pit. no. 6:21 Je '61.

MOLDAVIA—ELECTRIFICATION
Electrification problems in the Moldavian S.S.R. A. F. Kozhukbar'. Uch. zap. Kish. un.. Mezhvuz. sbor. po polit. ekon. no. 1:81-96 '60.

MOLDAVIA—INDUSTRIES
Akademiia nauk SSSR. Moldavskii filial. Institut ekonomiki. [Communist labor movement and problems of economics in enterprises; from materials of the conference on economics held in Tiraspol] Dvizhenie za kommunisticheskii trud i voprosy ekonomiki predpriiatii, po materialam ekonomicheskoi konferentsii v g. Tiraspole. Kishinev, Shtiintsa, 1961. 143 p.
(MH)

MOLDAVIA—RELATIONS (GENERAL) WITH THE UKRAINE
May you flourish, Moldavia! L. Kravets'. Sots. kul't. no. 8:12-14 Ag '61.

MOLDAVIA—SOCIALIST COMPETITION
Nationwide socialist competition is a powerful means for the successful fulfillment of the seven-year plan. F. P. Prostomolotov. Uch. zap. Kish. un. Mezhvuz. sbor. po polit. ekon no. 1 16-57 '60.

MOLDAVIA—SUGGESTION SYSTEMS
Nationwide socialist competition is a powerful means for the successful fulfillment of the seven-year plan F. P. Prostomolotov. Uch. zap. Kish. un. Mezhvuz. sbor. po polit. ekon. no. 1 16-57 '60.

MOLDAVIA—WINE AND WINE MAKING
Ungurian, P. N. [Principles of wine making in Moldavia] Osnovy vinodeliia Moldavii. Kishinev, Gos. izd-vo "Kartia moldoveniaske," 1960. 293 p. (Kishinev. Moldavskii nauchno-issledovatel'skii institut sadovodstva, vinogradarstva i vinodeliia. Trudy, vol. 5)

MOLDAVIA—WOMEN—STATISTICS
Moldavian SSR. Statisticheskoe upravlenie. [Women of Moldavia, concise statistical reference book] Zhenshchiny Moldavii, kratkii statisticheskii spravochnik. Kishinev, Gosstatizdat, 1961. 67 p.

MOLDAVIAN DIALECT—CASE
Declension of nouns in Moldavian documents of the 14th and 15th century N. S. Antoshin Dop. ta pov. UzhDU Ser. filol. no. 2:43-47 '58.

MOLDAVIAN DIALECT—GRAMMAR, COMPARATIVE—RUSSIAN
Declension of nouns in Moldavian documents of the 14th and 15th century. N. S. Antoshin Dop. ta pov. UzhDU Ser. filol. no. 2:43-47 '58.

MOLDING (FOUNDING)
Metal pouring under laboratory conditions T. M. Belova, M. M. Kliuev Sbor. rats. predl. vnedr. v proizv no. 5 55 '60

MOLDING MACHINES
The 1A11 mixing mulling machines. D. M. Litvin, I. S. Gitel'man. Biul. tekh.-ekon. inform no. 7 30-32 '61
Redesigning the SM-556 unit for cleaning and oiling metal linings G. S. Baibak. Stroi. mat 7 no. 8 32 Ag '61

MOLECULAR ASSOCIATION
Dependence of the association of rhodamines on their molecular structure and the nature of the solvent L. V. Levshin, I. S. Lonskaia. Opt. i spektr. 11 no. 2 278-282 Ag '61
Nature of the bonding forces in associated molecules of rhodamine 3B and rhodamine 6G in aqueous solutions and the effect of concentration and temperature on migration extinction E. G. Bmanov, V. I. Levshin. Opt. i spektr. 10 no. 3:362-367 Mr '61

MOLECULAR DYNAMICS
Anomalous impurity absorption near the exciton bands of molecular crystals V. L. Broude, E. I. Rashba, E. F. Sheka. Dokl. AN SSSR 139 no. 5 1065-1068 Ag '61
Applicability of the zero approximation of a generalized valence-optical system. L. M. Sverdlov. Opt. i spektr 10 no. 6:702-706 Je '61
Effect of universal intermolecular interactions on the position of the electron spectra of molecules in two-component solutions. Part 1. Theory (liquid solutions). N. G. Bakhshiev. Opt. i spektr 10 no. 6:717-726 Je '61.
Mechanism of the inhibition of radiolysis. A. M. Brodskii, IU. A. Kolbanovskii. Dokl. AN SSSR 139 no. 5 1081-1084 Ag '61.
Nature of the bonding forces of associated molecules of dyes in concentrated solutions L. V. Levshin, V. K. Gorshkov. Opt. i spektr 10 no. 6:759-760 Je '61.
New method of deriving expressions for natural vibrational coordinates through the displacement of atoms in polyatomic molecules. L. A. Gribov. Opt. i spektr. 10 no. 3:412-414 Mr '61.
Some characteristics of the operation of thermistors in a vacuum [with summary in English] A. V. Bulyga. Inzh.-fiz. zhur 4 no. 3 46-52 Mr '61.
Theory of the dissipation of the energy of molecular oscillations in fluids [with summary in English] K. A. Valiev. Zhur. eksp. i teor. fiz 40 no. 6:1832-1837 Je '61.
Transfer of excitation energy in viscous solutions of organic substances. I. M. Rozman Opt. i spektr. 10 no. 3:354-361 Mr '61.

MOLECULAR ROTATION—MODELS
Effect of the degree of coplanarity of a molecule on the signs of conjugation of π-electrons [with summary in English]. T. K. Rebane. Zhur. fiz. khim. 35 no. 8: 1681-1690 Ag '61.

MOLECULAR THEORY
"Molecular physics" by I. V. Radchenko. Reviewed by V. S. Rosskikhin, A. K. Protopopova, N. V. Mokhova. Inzh.-fiz. zhur. 4 no. 8:134-135 S '61
Molecular theory of the refraction of light in crystals. B. A. Sotskii. Opt. i spektr 11 no. 2, 229-236 Ag '61.

MOLECULES

Calculation of equations for determining the energy levels of an ionized hydrogen molecule A. A Abramov, V I Ul'ianova. Zhur. vych mat i mat fiz 1 no 2:351-354 Mr-Ap '61.

Simplified calculation method in analyzing low intermolecular oscillations of mono-substituted derivatives of benzene. Part I A V Sechkarev Izv. vys ucheb zav , fiz no. 3:86-91 '61

Theory of the intensities of the infrared absorption bands of complex molecules containing several identical groups. L. A. Gribov Opt. i spektr. 11 no 2:146-150 Ag '61

MOLECULES—SPECTRA—CONGRESSES

Conference of the Coordinating Group on the Theory of Vibrational Spectra of Polyatomic Molecules Opt i spektr 10 no 5 692 My '61.

MOLLUSKS see subdivision under Iskanderkul' Lake region; Turkmenistan

MOLLUSKS, FOSSIL see subdivision under Minsk region

MOLOTOV see Perm

MOLYBDENITE

Improving the procedure of separation by flotation of molybdenite bearing concentrates. I N. Shorsher. Obog i rud 5 no. 2 11-16 '60.

MOLYBDENUM
(see also subdivision under Kadzharan)

Molybdenum balance in ore dressing plants. I. N. Shorsher. Obog i rud 4 no. 2:50 '59

Molybdenum balance in ore dressing plants. I. N. Shorsher. Obog. rud 6 no. 2:25 '61.

Reducing molybdenum losses in copper concentrates at the Dastakert Ore-Dressing Plant. S. Akmaeva, L. Asatrian. Prom. Arm. 4 no. 8, 67-68 Ag '61.

Reducing the loss of molybdenum in the separation of collective concentrates. I. N. Shorsher Obog. rud 4 no 1:14-15 '59.

Surface ionization of cesium in the diffusion of its vapors through porous molybdenum S. IA Lebedev, IU IA. Stavisskii, IU. V. Shut'ko. Zhur. tekh fiz 31 no 9 1148-1149 S '61.

MOLYBDENUM—METALLOGRAPHY

Metallographic investigation of molybdenum deformed by stretching at temperatures of 4, 2-700° K. Part 2. I. A. Gindin, IA. D. Starodubov, B. M Vasiutinskii. Fiz met. i metalloved 12 no. 1:132-139 Jl '61.

MOLYBDENUM—WELDING

Fusion welding of commercial-grade molybdenum N. A. Ol'shanskii, A. V. Mordvintseva. [Trudy] MVTU no. 101 29-48 '61

MOLYBDENUM BROMIDE

Molybdenum halides. Determination of the enthalpy of molybdenum dioxydibromide [with summary in English] I. V. Vasil'kova, N. D. Zaitseva, IU S Svatov. Vest. LGU 16 no. 16:140-142 '61.

MOLYBDENUM CARBIDE

Relaxation phenomena during the hot pressing of molybdenum carbide. M. S. Koval'chenko, G. V. Samsonov. Fiz. met. i metalloved. 12 no. 1:145-148 Jl '61.

MOLYBDENUM CHLORIDES

A new oxychloride of pentavalent molybdenum - $MoOCl_3$ I. A. Glukhov, S. S. Eliseev Izv. Otd. geol. -khim. i tekh. nauk AN Tadzh. SSR no. 1 79-82 '59

MOLYBDENUM SULFIDE CRYSTALS

Crystalline structure of rhombohedral MoS_2. S. A. Semiletov. Kristallografiia 6 no. 4:536-540 Jl-Ag '61.

Investigation of the crystalline structure of molybdenum disulfide produced by different methods. A N Zelikman and others. Kristallografiia 6 no 3 389-394 My-Je '61

MOLYBDENUM-TITANIUM-VANADIUM ALLOYS see Titanium-vanadium-molybdenum alloys

MOMENT SPACES

Two classes of extremum problems for polynomials and moments. S. IA. Khavinson Izv. AN SSSR. Ser. mat 25 no. 4:557-590 Jl-Ag '61

MOMENTS OF INERTIA

Effect of collective excitations of the superfluid phase in atomic nuclei on the moments of inertia of the nuclei. B. B. Dotsenko. Izv. AN SSSR. Ser. fiz. 25 no. 9 1149-1151 S '61.

MONARCHY

Bosyi, Volodymyr. [Viacheslav Lypyns'kyi, ideologist of the Ukrainian labor monarchy] V'iacheslav Lypyns'kyi - ideolog ukrains'koi trudovoi monarkhii. Toronto, Canadian mosaic publisher, 1951. 160 p. (Ukrains'kyi naukovyi instytut im. V. Lypyns'kogo. Vyd. no. 2) (InU)

MONARCHY, SPANISH

"The structure of governmental administration in the 16th and the 17th centuries" [in Spanish] by J Vicens Vives. Reviewed by I. E Litavrina Sred veka no 20 303-308 '61.

MONEY

"Money in a socialist society"; studies in the theory by IA. A. Kronrod. Reviewed by I. Aivenberg. Vop. ekon. no. 9:136-143 S '61.

Zheliak, E. N. [Loan capital and loan interest. Circulation of money] Ssudnyi kapital i ssudnyi protsent. Denezhnoe obrashchenie. Kiev, 1959. 21 p. (MH)

MONGOLIA—CRIMINAL LAW

New legislative enactments in fraternal socialist countries. S. Bobotov. Sov. iust. no. 17:16-18 S '61.

MONGOLIA—CULTURE

Ulan-Bator. IU. M. Arsen'ev. Geog. v shkole 24 no. 5: 14-20 S-O '61.

MONGOLIA—ECONOMIC CONDITIONS

Fortieth anniversary of People's Mongolia. I Dem'ianchuk Nauka i zhyttia 11 no. 7:58-60 Jl '61

MONGOLIA—EDUCATION

We wish you great success in training the builders of communism! TS. Puntsagnarov Vest vys. shkoly 10 no. 8:67-69 Ag '61.

MONGOLIA—POLITICS AND GOVERNMENT

Fortieth anniversary of People's Mongolia. I. Dem'ianchuk Nauka i zhyttia 11 no. 7:58-60 Jl '61

MONILIASIS

Candidiasis, its prevention and treatment. N. S Petrov. Voen. -med zhur. no. 5 30-34 My '61.

MONOCHROMATORS

Spectral reflection coefficients for coatings of thermal receivers of radiation for wavelengths ranging from 10 to 200 mc B. P. Kozyrev, M. A. Kropotkin. Opt. i spektr. 10 no. 5:657-662 My '61.

MONOPOLIES

"International monopolies of metals" by M. G. Dikanskii Reviewed by T. Belous. Vnesh. torg. 41 no 9 31-33 '61.

MONSOONS see subdivision under Asia

MONUMENTS

Pilliavskii, V. I. [Russian triumphal monuments] Russkie triumfal'nye pamiatniki. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR. Leningr. otd-nie, 1960. 56 p. (MH)

MOON—OBSERVATIONS

Determination of the characteristics of the surface of the moon using observations obtained with a high-resolution radio telescope [with summary in English]. N. L. Kaidanovskii, A. E. Salomonovich. Izv. vys. ucheb. zav.; radiofiz. 4 no. 1:40-43 '61.

MOOSE see subdivision under Kirov Province

MORAINES see subdivision under Malaya Almaatinka Valley

MORAL EDUCATION

Be honest and truthful. V. Grechishkina. Sem'ia i shkola 16 no. 7:14-15 Jl '61.

Editor's mail. Sem'ia i shkola 16 no. 7:39 Jl '61.

Kind feelings K A Bykova Doshk vosp 31 no 9 22-27 S '61

Kotov, L. I. [Development of moral tenets and habits in the process of communist training] Razvitie nravstvennykh ubezhdenii i privychek v protsesse kommunisticheskogo vospitaniia. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 68 p.

Mental health of a child. . . . N. Gagen-Torn, S. Kalabalin, E Seteyneva Sem'ia i shkola 16 no. 7, 22-23 Jl '61.

Panfilova, T. S. [Let's bring up children with high ideals] Rastit' detei vysokoideinymi. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 31 p. (Knigi dlia roditelei)

MORALITY

Moscow. Institut organizatsii zdravookhraneniia i istorii meditsiny imeni N. A. Somashko. [Health and demographic data of foreign countries] Sanitarno-demograficheskie materialy zarubezhnykh stran. Pod red. A. M. Merkova. Moskva, Medgiz.

No. 2. [Causes of death from 1900 to 1955] Prichiny smerti naseleniia s 1900 po 1955 g. Sost. E. I. Deichman. 1961. 55 p.

MORDOVIA—RURAL ELECTRIFICATION

Rural electrifiers of Mordovia extend their frontiers. V Sin'kovskii. Sel'. stroi 16 no. 7, 21-22 Jl '61.

MORDVES DISTRICT—AGRICULTURAL ADMINISTRATION

Marked by great demands. L. L'vov. Part. zhizn' no. 17:65-67 S '61.

MORDVINIAN A.S.S.R. see Mordovia

MORDVINIAN DRAMA—HISTORY AND CRITICISM

Soviet Mordvinian dramaturgy, 1920-1952 V. L. Peshonova. Zap Nauch -issl inst iaz., lit , ist i ekon no 18:65-69 '58

MORDVINIAN LANGUAGE see subdivision under Torbeyevo District

MORDVINIAN LANGUAGE—ACCENTUATION

Normal and reduced syllables in the Moksha-Mordvinian language O I. Chudaeva. Zap. Nauch. -issl. inst iaz , lit. , ist i ekon no 18 217-229 '58.

MORDVINIAN LANGUAGE—DIALECTS see subdivision under Bol'shiye Berezniki District

MORDVINIAN LANGUAGE—PHONETICS

Phonetics of the Shugurovo dialect of the Erzian-Mordvinian language. D. V. TSygankin. Zap. Nauch. -issl inst iaz., lit , ist. i ekon. no 18 154-195 '58.

Phonetics of the Staro-Turdaki dialect of the Erzian-Mordvinian language. V. D. Ob'edkin Zap Nauch -issl. inst iaz , lit , ist i ekon no 18 114-153 '58

Vocalism and consonantism in the Drakino dialect of the Erzian-Mordvinian language A. V. IAkushkin. Zap Nauch -issl inst iaz , lit , ist i ekon. no. 18:196-216 '58.

MORDVINIAN LITERATURE—HISTORY AND CRITICISM

Historical themes in Soviet Mordvinian literature, 1920-1928. B E Kirtiushkin Zap. Nauch -issl. inst. iaz , lit , ist i ekon. no. 18:31-64 '58.

Soviet Mordvinian literature is a progeny of the Great October. V. V. Gorbunov, B. E. Kirtiushkin Zap. Nauch -issl inst iaz , lit., ist. i ekon. no. 18 3-30 '58

MORMYRIDAE

Patents of nature. I. Akimushkin, IU. Kalinin. Nauka i zhizn' 28 no 8:88-93 Ag '61.

MOROCCO—COMMUNIST PARTY

The Communist Party of Morocco in the struggle for national independence. N. S. Lutskaia. Krat. soob. Inst nar. Azii no. 47, 55-60 '61.

MORTAR

Normal adherence to brick of a mortar based on a dolomite binding substance E. S. Kuchur. Sbor. nauch. trud. Bel. politekh. inst. no. 39:54-58 '60.

MOSCOW—ACTING—STUDY AND TEACHING

Birth of a tradition? Teatr 22 no. 9:169 S '61.

MOSCOW—ADMINISTRATIVE ECONOMIC COUNCILS

In the Moscow City Economic Council. E. S. IAmpol'skii. Biul. tekh. -ekon. inform. no. 7:83 '61.

MOSCOW—AERONAUTICS, COMMERCIAL

Air review in Moscow. Grazhd. av. 18 no. 7, 1 Jl '61

MOSCOW—AIRPORTS

Integrated services for air passengers in Moscow. L. A. TSekhanovich, V. M. Tikhonov. Gor. khoz. Mosk. 35 no. 8:22-25 Ag '61.

MOSCOW—APARTMENT HOUSES

Changes in the plan of completely precast housing construction. Stroi. i arkhit. Mosk. 9[i. e. 10] no. 7:36 Jl '61.

MOSCOW—ART—EXHIBITIONS

People's art. P. Vasil'ev. Sov. profsoiuzy 17 no. 18 30-31 S '61.

MOSCOW—ASSEMBLY-LINE METHODS—TECHNOLOGICAL INNOVATIONS

Mechanization of assembling operations. S. V. Livshits. Stan. i instr. 32 no. 9:16-20 S '61.

MOSCOW—AUTOMOBILE INDUSTRY—TECHNOLOGICAL INNOVATIONS

Re-equipment of the Moscow Automobile Plant during the current seven-year plan. P. A. TSvetkov. Biul. tekh.-ekon. inform. no. 7, 23-30 '61.

MOSCOW—BIBLIOGRAPHICAL EXHIBITIONS

Exhibition of Italian books in Moscow. S. B. Telingater. Poligr. proizv. no. 8 28-29 Ag '61.

MOSCOW—BUILDING—TECHNOLOGICAL INNOVATIONS

Suggestions made by crew chief IUrii Baranov, K. Ezdrin, B. Smottrich. Stroitel' no. 7:10 Jl '61.

MOSCOW—CHEMISTRY, TECHNICAL—STUDY AND TEACHING

Department of the Chemical Industry of the Moscow City People's University. Khim. prom. no. 8 591-592 Ag '61.

MOSCOW—CHILDREN'S CLUBS

Pioneers' palace. A. Ber, A. Sverdlov. Na stroi. Ros. no. 7:20b Jl '61.

MOSCOW—CHILDREN'S PLAYS

"Adventures of Krosh." E. IAskolko. Teatr 22 no. 9 112-113 S '61.

MOSCOW—CITY PLANNING

Building Zyuzino district. Stroi. i arkhit. Mosk 9[i.e.10] no. 7:36 Jl '61.

Obtaining districts of land for housing construction in 1963 to 1965. Gor. khoz. Mosk. 35 no. 8:40 Ag '61.

Organization of the Main Architectural Planning Administration of the city of Moscow. Stroi. i arkhit. Mosk 9[i.e.10] no. 7:36 Jl '61.

Planning and construction of the "Kopytovka" microdistrict. T. G. Zaikin. Gor. khoz. Mosk. 35 no. 8: 20-22 Ag '61.

Public service system and structures in plans for an experimental residential district in Moscow. M. Barkhin. Arkhit. SSSR no. 8:25-35 '61.

Redesigning Gor'ki Street. IU. Sheverdiaev, Sh. Airapetov. Stroi. i arkhit. Mosk. 9 [i.e.10] no. 8:17-21 Ag '61.

Some problems in developing main thoroughfare areas. N. Bocharova. Stroi. i arkhit. Mosk. 9 [i.e.10] no. 8 22-24 Ag '61.

MOSCOW—CITY TRAFFIC

Time wasters. S. Pospelov. Sov. profsoiuzy no. 17:46-47 S '61.

MOSCOW—CLOCKS AND WATCHES—REPAIRING AND ADJUSTING

Time as a memory. Moskva 5 no. 8:210-211 '61.

MOSCOW—COLLEGE THEATER

The youngest theater of the capital. V. Kaplun. Teatr 22 no. 9:154-155 S '61.

MOSCOW—COMMUNITY AND SCHOOL

A park in the yard in the October field. N. Ryzhov. Sem'ia i shkola 16 no. 7:19 Jl '61.

MOSCOW—COMMUNITY CENTERS

Granitov, A. V., and V. N. Sukahnov. [Moscow's clubs and houses of culture; a guide] Kluby i doma kul'tury Moskvy; spravochnik. [Moskva] Mosk. rabochii, 1961. 250 p.

MOSCOW—COMMUNITY LIFE

The house where you live.... A. V. Riabinin. Ogonek 39 no. 39:4-5 S '61.

MOSCOW—CONSTRUCTION INDUSTRY

In celebration of the great Congress. Stroi. i arkhit. Mosk. 9[i.e.10] no. 7:1 Jl '61.

MOSCOW—CORRESPONDENCE SCHOOLS AND COURSES

Fortitude, degrees, and a gantry crane. O. Kuprin. Ogonek 39 no. 24:20-22 Je '61.

MOSCOW—COSMETICS

We expand our selection. I. Petrova. Vnesh. torg. 41 no. 9:22 '61.

MOSCOW—DIRECTORIES

[Excursionist's booklet] Pamiatka ekskursanta. [Moskva] Mosk. rabochii, 1961. 140 p.

MOSCOW—DRAFT HORSES

One horsepower. Moskva 5 no. 8:178-179 '61.

MOSCOW—EDUCATION, PRESCHOOL—EXHIBITIONS

Interesting exhibition. S. L. Kheifits. Doshk. vosp. 34 no. 8:70-71 S '61.

MOSCOW—ELECTRIC INDUSTRIES

Following the road traced by Lenin. N. Sergeev. NTO 3 no. 9 24-25 S '61.

For the best production in the world. V. Sidorov, N. Zverev. Vnesh. torg 41 no. 8 34 '61.

MOSCOW—EMPLOYEES' MAGAZINES, HANDBOOKS, ETC.

Editor Aleksandr Proshchin. A. Ovsiannikov. Sov. profsoiuzy 17 no. 18 43 S '61.

MOSCOW—ENSEMBLES (MUSIC)

Talents from Orenburg Province. P. Vladimirov. Sov. profsoiuzy no. 17, 44-45 S '61.

MOSCOW—EXHIBITION BUILDINGS

First suggestions. D. Chechulin. Stroi. i arkhit. Mosk. 9[i.e.10] no. 7 30-33 Jl '61.

New exhibition pavilions in Sokol'niki. V. Zhitlevskii. Na stroi. Ros. no. 7, 20-20a Jl '61.

MOSCOW—EXHIBITIONS

At the British Commercial and Industrial Exhibition in Moscow (May 19 - June 4, 1961). V. G. Litvinenko. Priborostroenie no. 8:28-31 Ag '61.

Awarding the participants of the Exhibition of the Achievements of the National Economy of the U.S.S.R. in 1960. M. A. Borisov. Vest. elektroprom. 32 no. 8:58-63 Ag '61.

Awards to participants of the Exhibition of Achievements of the National Economy of the U.S.S.R. in 1960. M. A. M. A. Borisov. Prom. energ. 16 no. 9 53-56 S '61.

Exhibition of Czechoslovak furniture in Moscow. A. S. Glebov. Der. prom. 10 no. 8 25 Ag '61.

First International Forum of Photography in Moscow. Sov. foto 21 no. 8-2 Ag '61.

Japanese children's books and toys. M. Demchenko. Nar. obr. no. 9:120-121 S '61.

Made in the German Democratic Republic. Ogonek 39 no. 26:5 Je '61.

New machinery and equipment. Sel'. stroi. 16 no. 7 18-19 Jl '61.

New rural construction exposition at the Exhibition of National Achievements. M. Karasik. Sel'. stroi. 16 no. 7:20 Jl '61.

The 1967 World's Fair in Moscow. A. G. Zaitsev. Gor. khoz. Mosk. 35 no. 8:11-16 Ag '61.

Printing techniques at the English exhibition in Moscow. V. V. Popov. Poligr. proizv. no. 8 29-30 Ag '61.

Railroad equipment at the French National Exhibition in Moscow. A. N. Guba. Zhel.-dor. transp. 43 no. 9:76-79 S '61.

Rural construction at the Exhibit. Sel'. stroi. 16 no. 7 16-17 Jl '61.

MOSCOW—EXHIBITION BUILDINGS—COMPETITIONS

Notes on competitive for the World's Fair of 1967. V. Asa. Arkhit. SSSR no. 7, 16-20 '61.

MOSCOW—FACTORIES—DESIGN AND CONSTRUCTION

Factory buildings follow new designs. A. Sukhov, A. Cherkashina. Stroi. i arkhit. Mosk. 9 [i.e.10] no. 8 24-26 Ag '61.

MOSCOW—FRUIT CULTURE

Developing a supply of materials and equipment for fruit and vegetable enterprises. Gor. khoz. Mosk. 35 no. 8:48 Ag '61.

MOSCOW—FURNITURE WORKERS—EDUCATION AND TRAINING

Furniture makers master the new machinery. K. Astakhova. Prof.-tekh. obr. 18 no. 5:28 My '61.

MOSCOW—GRINDING MACHINES

New machines manufactured at the Moscow Grinding-Machine Plant. P. S. Bobrov. Stan. i instr. 32 no. 9. 24-27 S '61.

MOSCOW—HISTORICAL MUSEUMS

Moscow. Gosudarstvennyi istoricheskii muzei. [Yearbook of the State Historical Museum] Ezhegodnik gosudarstvennogo istoricheskogo muzeia. Moskva, 1960. 182 p.

MOSCOW—HOSPITALS—ADMINISTRATION

Side by side with the physician. IU. Antonov, T. Kogan. Sov. profsoiuzy 17 no. 18:25-26 S '61.

MOSCOW—HOTELS, TAVERNS, ETC.

Twenty-two Gor'ki Street. Stroi. i arkhit. Mosk. 9[i.e.10] no. 7:34-35 Jl '61.

MOSCOW—HOUSING

The aim of our life. F. Golubenko. Sov. profsoiuzy no. 17:7 S '61.

Eliminate defects in providing living space for Moscow residents. S. I. Matveev. Gor. khoz. Mosk. 35 no. 8: 18-18 Ag '61.

MOSCOW—HOUSING MANAGEMENT

Organization of work in a housing maintenance office. G. F. Meshchanikov. Gor. khoz. Mosk. 35 no. 8:18-19 Ag '61.

MOSCOW—LANDSCAPE ARCHITECTURE

In support of exemplary landscaping for the city. A. A. Fedorov. Gor. khoz. Mosk 35 no. 8 36-38 Ag '61.

MOSCOW—LANDSCAPE GARDENING

Kanevskii, E. M., and A. V. Pereslavtsev. [Landscaping a city yard] Blagoustroistvo gorodskogo dvora. [Moskva] Mosk. rabochii, 1961. 76 p. (DA)

MOSCOW—LAW SCHOOLS

A "popular university of legal science" in the city of Moscow. V. K. Gulevich. Vest. Mosk. un. Ser. 10 Pravo 16 no. 3 72-73 Jl-S '61.

MOSCOW—LIGHTING

Architectural problems of outdoor lighting. E. A. Tarsaova, I. A. Tolstol. Gor. khoz. Mosk. 35 no. 8 3-7 Ag '61.

MOSCOW—MACHINE-TOOL INDUSTRY

Machine with a thousand arms. O. Kuprin. Ogonek 39 no. 32:18-19 Ag '61.

MOSCOW—MACHINE-TOOL INDUSTRY—QUALITY CONTROL

For the best production in the world. A. IAkimov, V. Vasil'ev, S. Kropov. Sov. profsoiuzy 17 no. 18 15-18 S '61.

MOSCOW—MACHINE-TOOL INDUSTRY—TECHNOLOGICAL INNOVATIONS

Mechanization and automation of auxiliary operations at the "Krasnyi Proletarii" Plant. Z. D. Bomshtein. Stan. i instr. 32 no. 9, 7-11 S '61.

MOSCOW—MACHINERY INDUSTRY

Reducing manual operations in a machinery manufacturing plant. V. Kalugin. Sots. trud 6 no. 8 101-105 Ag '61.

MOSCOW—MACHINERY INDUSTRY—MANAGEMENT

Improving production management in machinery plants in Moscow. N. A. Razumov. Vest. mash. 41 no. 8 82-85 Ag '61.

MOSCOW—MATHEMATICAL SOCIETIES

In the Moscow Mathematical Society. A. IA. Margulis. Mat. v shkole no. 4:15-17 Jl-Ag '61.

Meetings of the Moscow Mathematical Society. Usp. mat. nauk 16 no. 3 209-211 My-Je '61.

Sessions of the Moscow Mathematical Society. Usp. mat. nauk 16 no. 4 201-205 Jl-Ag '61.

MOSCOW—METAL-CUTTING TOOLS

Automatic production line for drills with a diameter from 3 to 6 mm. L. IA. Krasnitskii, A. Z. Edel'son, L. B. Volchkov. Stan. i instr. 32 no. 6:30-33 S '61.

MOSCOW—MICROMETER

Mechanization and automation of production processes in manufacturing micrometers at the "Kalibr" Plant. V. M. Volkov. Stan. i instr. 32 no. 9, 36-41 S '61.

MOSCOW—MOTION-PICTURE FESTIVALS

E. A. Furtseva's speech. Isk. kino no. 8-2-3 Ag '61.

The Moscow International Motion-Picture Festival. P. Padbiarezski. Belarus' 16 no. 9-21 S '61.

N. S. Khrushchev's greetings to the participants of the festival in Moscow. Isk. kino no. 8 1 Ag '61.

Within the frame of a screen. Znan. ta pratsia no. 9 7 S '61.

MOSCOW—MUNICIPAL SERVICES

In support of further technological progress in the municipal economy. Gor. khoz. Mosk. 35 no. 8:1-2 Ag '61.

Municipal service systems for new residential districts. N. I. Stepanov. Gor. khoz. Mosk. 35 no. 8:7-10 Ag '61.

MOSCOW—MUSIC HALLS (VARIETY THEATERS, CABARETS, ETC.)

"Journey around laughter." I. Chereiskii. Teatr 22 no. 9 119 S '61.

MOSCOW—MUSIC PRINTING

Further improvement in the printing of musical scores. B. A. Dominov. Poligr. proizv. no. 8 6-7 Ag '61.

MOSCOW—NURSING HOMES

Enlarging the system of social security establishments. Gor. khoz. Mosk. 35 no. 8:48 Ag '61.

MOSCOW—PARCEL POST

Parcel post service in the Moscow Office. V. V. Povorozhenko, M. F. Trikhunkov. Gor. khoz. Mosk. 35 no. 8 25-27 Ag '61.

MOSCOW—PIONEERS (COMMUNIST YOUTH)

The 25th anniversary of the Municipal Pioneer House in Moscow. V. Strunin. Nar. obr. no. 9 123-125 S '61.

MOSCOW—POLITICS AND GOVERNMENT

[Bulletin of the Moscow Executive Committee.] Biul. Ispol. kom. Mosk. gor. sov. nos. 15-16 Ag '61.

[Bulletin of the Moscow Executive Committee.] Biul. Ispol. kom. Mosk. gor. sov. no. 17 S '61.

MOSCOW—POWER ENGINEERING

Technical conference in the Moscow Power Engineering Institute. I V Dmitriev, V A Emel'ianov, V.B Zenkevich Prom. energ 16 no 9 56-57 S '61.

MOSCOW—PRECAST CONCRETE

Every day we assemble the parts for one apartment house B Petrunin Stroitel' no 8 29 Ag '61

MOSCOW—PRECAST CONCRETE CONSTRUCTION

Batch production of houses made of three-dimensional elements Stroi i arkhit Mosk 9[i e 10] no.7 36 Jl '61

Housing construction combine under the Main Administration for Housing and Public Construction in the City of Moscow. V.Galitskii, A Kashirskii. Stroi.i arkhit. Mosk.9 [i.e 10] no.8 2-4 Ag '61

Improving techniques for assembling large-panel houses M Merkling Stroi i arkhit Mosk 9[i e 10] no 7 20-23 Jl '61

Ways of improving housing construction with precast slabs. IU.Dykhovichnyi. Stroi.i arkhit.Mosk.9 [i.e.10] no.8 5-10 Ag '61

MOSCOW—PRINTING—TECHNOLOGICAL INNOVATIONS

Efficiency promoters and inventors in the First Model Printing House. M.M.Belorusets, N.N.Filippova. Poligr.proizv. no.6:22-24 Je '61.

MOSCOW—PRINTING MACHINERY AND SUPPLIES

Stand for winding cord onto reels A. A Kuznetsov Poligr proizv no 8 20 Ag '61

MOSCOW—PUBLIC BUILDINGS

Construction of large public buildings. IU.Dykhovichnii, D.Oltarzhevskii. Stroi.i arkhit Mosk. 9[i e 10] no 7 13-17 Jl '61.

Public service system and structures in plans for an experimental residential district in Moscow M.Barkhin Arkhit SSSR no 6 25-35 '61

Sculpture and art studios in Moscow Arkhit. SSSR no. 6 64 '61

MOSCOW—RESTAURANTS, LUNCHROOMS, ETC.

Fast service, that's the task; from the experience of Metropol'" and National'" Restaurants in Moscow Obshchestv pit no. 6:48-49 Je '61

Practicing in the best kitchen. I Rubashkin. Obshchestv. pit. no.7:37-39 Jl '61.

To serve Moscow residents. Gor. khoz. Mosk. 34 no. 8: 35 Ag '61.

We shall keep our word. A. Ershov. Obshchestv. pit. no.7:5-6 Jl '61.

MOSCOW—RETAIL TRADE

Time wasters. S. Pospelov. Sov. profsoiuzy no 17:46-47 S '61.

MOSCOW—SCHOOL GARDENS

What should not be. Doshk vosp. 34 no 9 106 S '61.

MOSCOW—SEPULCHRAL MONUMENTS

Danila Vyluzga, Czar's clerk. IU. M. Zolotov. Sov arkheol. 5 no 3 297-298 '61

MOSCOW—SILK MANUFACTURE

Editor Aleksandr Proshchin. A.Ovsiannikov Sov. profsoiuzy 17 no.18:43 S '61.

MOSCOW—SOCIALIST COMPETITION

The strength of Soviet trade unions is in the party leadership. P.Demichev. Sov.profsoiuzy 17 no.18 5-8 S '61.

MOSCOW—STANDARDS, ENGINEERING

Let's include technical specifications in the plans of a house. A.Kozakov. Stroi.i arkhit.Mosk.9 [i.e.10] no.8 35 Ag '61.

MOSCOW—STORES, RETAIL

Planning the trade network of an urban district. I Fel'dman, L Parfenova. Sov. torg. 34 no. 8:39-42 Ag '61

MOSCOW—STREETS

Engineers of the city's streets. S. V. Chaplygin. Gor. khoz. Mosk. 35 no 8:30-31 Ag '61.

MOSCOW—STUDENT TEACHING

Pedagogical practice at the faculty for training elementary school teachers. I. Solovkov Nar. obr. no. 9: 28-30 S '61.

MOSCOW—STUDENTS, FOREIGN

Spirit of friendship permeates the entire work at the university S V. Rumiantsev Vest. vys. shkoly 19 no. 8: 69-71 Ag '61.

The youngest theater of the capital V. Kaplun. Teatr 22 no. 9 154-155 S '61.

MOSCOW—SUBURBS AND ENVIRONS

At the "gate" of the capital. G. Vladimirova. Ogonek 39 no.39:17 S '61.

MOSCOW—TAILORS

Sewing repairs made in an emergency.... Moskva 5 no. 8:211 '61.

MOSCOW—TELECOMMUNICATION

Cardiogram of the country. O Kuprin. Ogonek 39 no 33 25 Ag '61.

MOSCOW—TELEVISION STATIONS

Invention which supports a tower P Makhnia. Izobr i rats no 9 18-19 S '61

Jump into the sky. IA Mileiskii. Ogonek 39 no 24 30 Je '61.

MOSCOW—TEXTILE INDUSTRY

This staple fabric won't sell. Moskva 5 no.8,223 '61.

To all parts of the world V Kustova Vnesh torg 41 no 9 18 '61

MOSCOW—THEATER

Five evenings with the theater from Bratislava A Asarkan. Teatr 22 no 9 179-185 S '61.

"Life and crime of Anton Shelestov." O Mikhailov Teatr 22 no 9 114-116 S '61

Tragedies by Racine and the performances of Marie Belle N Anosova Teatr 22 no 9 186-190 S '61

Two "oceans" V. Zaleskii Teatr 22 no 9 95-100 S '61

MOSCOW—TRADE UNIONS

For the best production in the world. A.IAkimov, V.Vasil'ev, S.Kropov. Sov.profsoiuzy 17 no.18 15-18 S '61.

The strength of Soviet trade unions is in the party leadership. P Demichev. Sov.profsoiuzy 17 no.18 5-8 S '61

MOSCOW—TUNING

Composer's ear for music. A.Ermilov. Moskva 5 no.8:191 '61.

MOSCOW—UNDERGROUND CONSTRUCTION

If you are called an efficiency promoter .. A.Sviridov. Sov.profsoiuzy 17 no.18 19-20 S '61

MOSCOW—VACATIONS

Good that you have come! .. V.Lamin Sem'ia i shkola 16 no 6 30 Je '61

MOSCOW—VEGETABLE GARDENING

Developing a supply of materials and equipment for fruit and vegetable enterprises Gor khoz Mosk 35 no 8 48 Ag '61.

MOSCOW—VOCATIONAL EDUCATION

From Moscow schools to the 22d Congress of the CPSU P Shabanov, A Akhapkin Prof.-tekh obr 18 no.5 6-7 My '61

MOSCOW—VOCATIONAL EDUCATION—EXHIBITIONS

Latvian schools exhibit. Prof.-tekh. obr. 18 no. 5:3 of cover My '61

MOSCOW—WOMEN AS BARBERS

"Youthful" haircut. A. Ermilov. Moskva 5 no.8 182-183 '61.

MOSCOW, BATTLE OF, 1941-1942

Everything for victory! A. Khrulev. Tyl i snab Sov Voor Sil 21 no 6 10-14 Je '61

Military work of Moscow Communists during the heroic defense of the capital P Andreev Voen.-ist. zhur 3 no. 7 15-26 Jl '61

Skill and courage of the defenders of Moscow N F. Gritchin. Vest. protivovozd. obor no 7 73-75 Jl '61.

MOSCOW BASIN—COAL MINES AND MINING—LABOR PRODUCTIVITY

Making use of potentialities. A.Minevich, V. Poliakov. Sov.shakht. 10 no.9 17-18 S '61.

MOSCOW PROVINCE—BUILDING MACHINERY—MAINTENANCE AND REPAIR

Organization of machine repair under the Main Moscow Province Construction Trust. L M Grigor'ian. Stroi i dor. mash. 6 no 8 24-26 Ag '61.

MOSCOW PROVINCE—CAVES

Caverns of the Moscow region. I. Prokof'ev. Nauka i zhizn' 28 no. 7:94 Jl '61

MOSCOW PROVINCE—COLLECTIVE FARMS—ACCOUNTING

On collective-farm accounting reports. A. A. Adlerberg. Uchet i fin. v kolkhoz. i sovkhoz 18 no 8:22-24 Ag '61

MOSCOW PROVINCE—COMMUNITY CENTERS

This is worth struggling for. Sov.profsoiuzy 17 no.18. S '61.

MOSCOW PROVINCE—DAIRYING

Economics of specialized dairies in the Moscow environs. N.Kozlov Ekon sel'khoz 32 no. 8:20-25 Ag '61.

MOSCOW PROVINCE—DAIRYING—COSTS

Why milk costs so much? K.F.Borisovets. Uchet i fin. v kolkhoz. i sovkhoz. 18 no.9:53-56 S '61.

MOSCOW PROVINCE—FRIT FLIES

Ecology of frit flies of the genus Meromyza (Diptera, Chloropidae) in Moscow Province [with summary in English]. L I Fedoseeva. Zool.zhur. 40 no.8 1205-1213 Ag '61.

MOSCOW PROVINCE—GEOGRAPHY

Geograficheskoe obshchestvo SSSR. Moskovskii filial. [Moscow and its environs] Moskva i Podmoskovnye raiony. Moskva, Geografgiz, 1961. 219 p. (DBC)

MOSCOW PROVINCE—HEALTH RESORTS, WATERING PLACES, ETC.

Buildings of the Klyaz'ma rest area are going up. Stroi. i arkhit Mosk.9 [i e 10] no.8 4 Ag '61

MOSCOW PROVINCE—MOTHS

Forecasting mass outbreaks of the apple ermine moth (Hyponomeuta malinellus Zell.) in Moscow Province [with summary in English]. V.I.Benkevich. Zool. zhur. 40 no 8 1164-1171 Ag '61.

MOSCOW PROVINCE—PRECAST CONCRETE

In support of a greater degree of prefabrication V Aristova Stroitel' no 8 10 Ag '61.

MOSCOW PROVINCE—QUALITY CONTROL

It will be of the best quality. Sov. profsoiuzy no 17:17-19 S '61

MOSCOW PROVINCE—REGIONAL PLANNING

New construction in districts of greater Moscow. Stroi. i arkhit Mosk.9 [i.e.10] no.8 36 Ag '61.

MOSCOW PROVINCE—SCHOOL GARDENS

Amber colored meadow. G Poneverzhskaia. Sem'ia i shkola 16 no 7 20-21 Jl '61.

MOSCOW PROVINCE—SOILS—CLASSIFICATION

[Economic valuation of land] Ekonomicheskaia otsenka zemli. [By] S. D. Cheremushkin i dr. Moskva, Gos. izd-vo sel'khoz lit-ry, 1961. 183 p.

MOSCOW PROVINCE—TECHNOLOGICAL INNOVATIONS

New equipment and technological innovations in enterprises of the Moscow Province Economic Council. L V Gellert Biul tekh.-ekon. inform. no. 8 80-82 '61.

MOSCOW PROVINCE—VIEWS

Bernsteins, E. [Environs of Moscow during the 18th and 19th centuries; lithographs] Podmoskov'e XVIII-XIX vekov, avtolitografii. [Moskva, MOKh, 1959.] [3] l., 10 col. plates (in portfolio) (NIC)

MOSCOW REGION—CAMP SITES, FACILITIES, ETC.

Suburban camp. I. Kastel'. Stroi i arkhit Mosk. 9[i.e 10] no. 7 26-28 Jl '61.

MOSCOW REGION—WALKING

Poliak, E. V., V. I. Popadeikin, and V. V. Strukov. [Let's go, tourist friends! (one-day hikes)] V pokhod druz'ia turisty! (odnodnevnye marshruty). [Moskva, Mosk. rabochii, 1961] 463 p.

MOSCOW UNIVERSITY

New buildings for Moscow State University. Stroi.i arkhit.Mosk.9 [i.e.10] no.8 36 Ag '61.

MOSCOW VALLEY—GUIDEBOOKS

[Along the blue roads of Moscow and its environs; guidebook] Po golubym dorogam Moskvy i Podmoskov'ia; putevoditel'. Moskva, Izd-vo "Rechnoi transport," 1961. 166 p.

MOSCOW VALLEY—INLAND WATER TRANSPORTATION

[Along the blue roads of Moscow and its environs; guidebook] Po golubym dorogam Moskvy i Podmoskov'ia, putevoditel'. Moskva, Izd-vo "Rechnoi transport," 1961. 166 p.

MOTHERS IN LITERATURE

"Let's glorify the woman-mother!..." A. Sergeeva. Sem'ia i shkola 16 no. 6:25-26 Je '61.

MOTHS

(see also subdivision under Moscow Province; Ukraine)

New fungus moth species of the genus Nemapogon Schr. (Lepidoptera, Tineidae) [with summary in English]. A.K.Zaguliaev. Zool.zhur. 40 no.8:1184-1191 Ag '61.

Symposium on the Siberian silkworm (Dendrolimus sibiricus Tschtvr.). A.I.Cherepanov. Zool.zhur. 40 no.8:1272-1274 Ag '61.

MOTHS—DISEASES

Nuclear polyhedrosis of Deilephila lineata var. livornica Esp [with summary in English]. TS. A. Chkhubianishvili Dop AN URSR no 7 964-966 '61.

MOTION

Calculating kinetic energy of a system of connected bodies. M. Z. Litvin-Sedoi. Izv. vys. ucheb. zav., av. tekh. 4 no. 3:14-20 '61.

MOTION (Continued)
General laws of motion and their manifestation in the special forms of motion [with summary in English] L. V. Smirnov Vest. LGU 16 no. 17 74-84 '61.
Motion of an axisymmetrical solid body about a fixed point under the action of moments slowly variable with time. G. L. Kuzmak. Izv. AN SSSR Otd. tekh. nauk Mekh. i mashinostr. no. 4 65-78 Jl-Ag '61.
Stability of periodic motions in some critical cases. S. V. Kalinin. Izv. AN SSSR Otd. tekh. nauk Mekh. i mashinostr. no. 1 79-89 Jl-Ag '61.
Using electronic analog computers in solving problems of nonlinear programming. G. V. Savinov. Vop. mekh. no. 193 68-71 '61.

MOTION-PICTURE CAMERAS
Determining the angle parameters of flat mirror blade shutters of motion-picture cameras. G. V. Mering. Tekh. kino i televid. 5 no. 8 45-49 Ag '61.
In the Central Documentary and Newsreel Film Studio. L. N. Pereidskii. Tekh. kino i televid. 5 no. 8 68-69 Ag '61.
Motion-picture cameras with remote control. IA. L. Butovskii, L. G. Gol'shtein. Tekh. kino i televid. 5 no. 8 30-38 Ag '61.
Study of the noise produced by motion-picture cameras and methods to reduce it. L. I. Zaets. Trudy NIKFI no. 34 101-109 '60.

MOTION-PICTURE FESTIVALS see subdivision under Moscow

MOTION-PICTURE INDUSTRY—EMPLOYEES
What are you doing in the motion-picture industry? Igor' Rabinovich. Isk. kino no. 8 97 Ag '61.

MOTION-PICTURE PHOTOGRAPHY—FILMS
Quality of the motion-picture image. I. B. Lumberg and others. Tekh. kino i televid. 5 no. 8 35-39 Ag '61.

MOTION-PICTURE PHOTOGRAPHY—FILMS—BIBLIOGRAPHY see Bibliography—Motion-picture photography—Films

MOTION-PICTURE PHOTOGRAPHY—STANDARDS
Standardization of the basic parameters of wide-screen motion pictures. Tekh. kino i televid. 5 no. 8 64-66 Ag '61.

MOTION-PICTURE PLAYS
(see also subdivision under France, Japan)
Grounds for trust. N. Lordkipanidze. Isk. kino no. 8 22-25 Ag '61.
Hello, friend Kol'kal. L. Gurevich. Isk. kino no. 8 16-22 Ag '61.
His name glows like a torch. K. Kamilov. Ogonek 39 no. 24 18 Je '61.
Historical calendar of motion pictures. M. Alpatnikov. Isk. kino no. 8 154-155 Ag '61.
Impoverishing life. N. Klado. Isk. kino no. 8 82-90 Ag '61.
Motion-picture schedule. Isk. kino no. 8 156-160 Ag '61.
Not "beauty" but truth of life! Anatolii Nitochkin. Isk. kino no. 8 95-98 Ag '61.
See these films. Sots. kul't. no. 8 46 Ag '61.
Still one wave .. R. Ul'rents. Isk. kino no. 8 7-12 Ag '61.
Thought of an artist. Isk. kino no. 8 4-6 Ag '61.
To remember them one's whole life, .. O. Fedorova, R. Likhach. Ogonek 39 no. 24 18 Je '61.
What is the meaning of "old fashion" and that which is new? Mikhail Shveitser. Isk. kino no. 8 94 Ag '61.

MOTION-PICTURE PROJECTION
(see also subdivision under Varvarovka District)
Experimental study of the natural vibrations of the motion-picture film. A. Olendzki. Tekh. kino i televid. 5 no. 8 38-45 Ag '61.

MOTION-PICTURE PROJECTORS
Need for improvement in the books on motion-picture equipment. ("Motion-picture film and motion-picture projectors" by V. I. Shmyrev. Reviewed by E. Krasovskii). Tekh. kino i televid. 5 no. 8 92-93 Ag '61.
Smygin-Zhokhov, V. A. [Collection of laboratory works for the training of motion-picture projector operators] Sbornik laboratornykh rabot dlia podgotovki kinomekhanikov. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 108 p.

MOTION-PICTURE THEATERS see subdivision under Odessa

MOTION-PICTURE THEATERS—FIRES AND FIRE PREVENTION
Borisenko, I. V. [Safety engineering in motion-picture theaters and film supply points] Tekhnika bezopasnosti na kinoustanovkakh i fil'mobazakh. Izd. 3., ispr. i dop. Moskva, Gos. izd-vo "Iskusstvo," 1961. (Biblioteka kinomekhanika)
Good textbook ("Fire safety techniques in motion-picture installations" by I. A. Druz, A. N. Idarov, M. M. Lisogor. Reviewed by N. Afanas'ev). Pozh. delo 7 no. 8 32 Ag '61.

MOTION PICTURES
Essence of cine-television techniques. V. A. Burgov. Tekh. kino i televid. 5 no. 8 50-57 Ag '61.
From everywhere. Isk. kino no. 8 148-153 Ag '61.
Motion pictures and television at the British Exhibition in Moscow and at the Soviet Exhibition in London. Tekh. kino i televid. 5 no. 8 94-96 Ag '61.
Reviewing the foreign press. Isk. kino no. 8 115-117 Ag '61.

MOTION PICTURES—EDITING
And this is also a problem. Aleksandr Galich. Isk. kino no. 8 96 Ag '61.

MOTION PICTURES—PRODUCTION AND DIRECTION
First steps. A. Obraztsova. Isk. kino no. 8 13-16 Ag '61.

MOTION PICTURES, DOCUMENTARY
(see also subdivision under Poland)
"Green Patrol." IU. Dmitriev. Znan. sila 36 no. 8 28-29 Ag '61.
Motion pictures on industrial safety. Bezop. truda v prom. 5 no. 8, 38 Ag '61.
People of a Promethean profession. O. Kuprin. Ogonek 39 no. 39 15-15 S '61.
Words and the screen. M. Arlazorov. Isk. kino no. 8 98-105 Ag '61.
You will see it on the screen. Nauka i zhizn' 28 no. 8 55-56 Ag '61.
Young documentary producers are looking for . Isk. kino no. 8 106-111 Ag '61.

MOTION PICTURES, THREE-DIMENSIONAL
First giant screen. B. Glan. Isk. kino no. 8 127-128 Ag '61.

MOTION PICTURES FOR CHILDREN
"Wagon and violin." IU. Smelkov. Isk. kino no. 8 25-26 Ag '61.

MOTION PICTURES IN EDUCATION
Using educational motion pictures during lessons on the history of the U. S. S. R. in the seventh grade. A. V. Ponomareva. Prep. ist. v shkole 16 no. 5 56-59 S-O '61.
Working with the motion picture "Metric system" in the sixth grade. V. V. Solov'ev. Fiz. v shkole 21 no. 3 66 My-Je '61.

MOTOR FUELS
"Use of motor fuels at low temperatures." Reviewed by M. M. Matketov. Khim. i tekh. topl. i masel 6 no. 8 79 Ag '61.

MOTOR SCOOTERS
Expansion of the "Vintka" family. S. Gladysheva. Za rul. 19 no. 7-8 6 Jl '61.
Motor scooter travel. K. Losev. Za rul. 19 no. 7-12 14 Jl '61.

MOTOR VEHICLES
The T-16 self-propelled chassis. S. D. Libtsis. Biul. tekh.-ekon. inform. no. 8 66-68 '61.

MOTOR VEHICLES—MAINTENANCE AND REPAIR
Kutikov, G. S., and I. P. Plekhanov. [Maintenance of motor vehicles] Tekhnicheskoe obsluzhivanie avtomobilei. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 53 p. (Nauchno-populiarnaia biblioteka avtomobilista)

MOTORBOAT RACING
Mastery and speed. G. Gorbachev, B. Gibner. Za rul. 19 no. 7 24-25 Jl '61.

MOTORBUSES see subdivision under Hungary

MOTORCYCLE INDUSTRY—LABOR PRODUCTIVITY see *subdivision under Kiev*

MOTORCYCLE RACING
(see also subdivision under Czechoslovakia, Estonia, Kalinin Province)
Achievements of our sportsmen abroad. K. Sheatopatov, N. Telegin, V. Manzhetskii. Za rul. 19 no. 7-8 6-7 Jl '61.
On international racing tracks. Za rul. 19 no. 7-8 30-31 Jl '61.
Striving for new motorcycle records. A. Novikov, A. Silkin, N. Shumilkin. Za rul. 19 no. 7-8 22 Jl '61.

MOTORCYCLES
TSentral'nyi institut nauchno-tekhnicheskoi informatsii mashinostroeniia. [Bicycles and motorcycles, catalog] Velosipedy i mototsikly; katalog. Moskva, 1960. 159 p.

MOTORTRUCKS
Motortruck for operations on electric lines. F. S. Breus. Energetik 9 no. 8 19-23 Ag '61.
Nichego, V. M., and V. G. Chaplev. [The MAZ-200V tractor drives two trailers] MAZ-200V vedet dva pritsepa. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 39 p. (Opyt novatorov avto-transporta)

MOTORTRUCKS—CATALOGS
Minskii gosudarstvennyi avtomobil'nyi zavod. [Catalog of parts for MAZ-200, motortrucks, MAZ-200B saddle-type tractors, and MAZ-205 dump trucks] Katalog detalei gruzovogo avtomobilia MAZ-200, sedel'nogo tiagacha MAZ-200B i avtomobilia-samosvala MAZ-205. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 430 p.
Ural'skii avtomobil'nyi zavod imeni V. I. Stalina. [Catalog of spare parts for the ZIS-5, UralZIS-355, UralZIS-355B and UralZIS-355M motortrucks] Katalog zapasnykh chastei avtomobilei ZIS-5, UralZIS-355, UralZIS-355B i UralZIS-355M. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 354 p.

MOTORTRUCKS—ENGINES (COMPRESSED GAS)
Samol', G. L., and I. I. Gol'dblat. [Motortrucks operated with liquified gas, manual for drivers] Gazobalonnye avtomobili, posobie shoferu. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1961. 141 p.

MOTORTRUCKS, MILITARY
Universal service assembly. A. G. Kornienko, M. D. Bocharov. Vest. Vozd. Fl. no. 8, 72 Ag '61.

MOUNDS see subdivision under Kalantayev, Mastyugino, Onufriyevskiy District, Salgir Valley

MOUNTAINEERING see subdivision under Everest, Mount

MOUNTAINS
Bondarchuk, V. G. [Basic problems relative to the tectonic movements and orogenesis] Osnovnye voprosy tektonicheskikh dvizhenii i orogenezisa. Kiev, Izd-vo Akad. nauk URSR, 1961. 381 p. (Akademiia nauk URSR, Kiev. Institut geologicheskikh nauk. Trudy, no. 8)

MOVEMENT, PSYCHOLOGY OF
Combination of hand movements in elementary work operations. IU. A. Riauzov. Dokl. APN no. 1 97-99 '61.
Some considerations on the tactics of the formation of movements. I. M. Gel'fand, V. S. Gurfinkel', M. L. TSetlin. Dokl. AN SSSR 139 no. 5 1250-1253 Ag '61.

MTSKHETA—CRANIOLOGY
Paleoanthropological materials from late burials of the Samtavro burial ground. M. G. Abdushelishvili. Trudy Inst. etnogr. imeni AN Gruz. SSR 8 281-303 '60.

MUD VOLCANOES
Oolite formation during the accumulation of products of mud volcanism. V. F. Malakhovskii. Dokl. AN SSSR 139 no. 5 1214-1217 Ag '61.

MUKACHEVO DISTRICT—UKRAINIAN LANGUAGE—DIALECTS
Formation of adverbs in the dialects of northwestern Mukachevo. I. D. Pahiria. Dop. ta pov. UzhDU Ser. filol. no. 2 87-88 '58.
Noun forms in the dialects of northwestern Mukachevo. I. D. Pahiria. Dop. ta pov. UzhDU Ser. filol. no. 2 96-98 '58.

MULCHING
Methods of placing strip paper mulch in mechanized planting of carrots [with summary in English] V. I. Fidel'shtein, V. P. Kochetkov. Izv. TSKhA no. 2 85-97 '61.

MULTIPLICATION—TABLES
[Multiplication tables for two-digit numbers] Tablitsy umnozheniia dvuznachnykh chisel na dvuznachnye chisla. Moskva, Gosstatizdat, 1961. 59 p.

MUNICH FOUR-POWER AGREEMENT, 1938
Baturin, M. [The U. S. A. and the Munich Agreement, from the history of American foreign policy in 1937 and 1938] SShA i Miunkhen; iz istorii amerikanskoi vneshnei politiki, 1937-1938 gg. Moskva, Izd-vo in-ta mezhdunarodnykh otnoshenii, 1961. 206 p.

MUNICIPAL SERVICES
(see also subdivision under Moscow, Sverdlovsk; Tallinn, Vologda)
Borisovskii, S. P., ed. [Drafting a plan for housing and municipal services] Metodika sostavleniia plana zhilishchno-kommunal'nogo khoziaistva. Izd. 2., perer. i dop. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1959. 449 p.
(CLU)
Concerning material in the magazine "Gorodskoe Khoziaistvo Moskvy." Gor. khoz. Mosk. 35 no. 8 47 Ag '61.

MUNICIPAL SERVICES—BIBLIOGRAPHY see Bibliography—Municipal services

MUNITIONS
(see also subdivision under United States)
Economic and sociopolitical foundations of the military power of different states. B. Uzenev. Kommun. Vooruzh. Sil 1 no. 6 47-54 Mr '61.

MURDER

How to implement the new criminal code of the R S F,S R in murder cases S Borodin Sots. zakon 38 no 9 19-25 S '61

MURGAB OASIS—MICRO-ORGANISMS, NITROGEN-FIXING

Oligonitrophilic micro-organisms in the soils of Murgab Oasis, Turkmenistan IU O Darzniek Izv AN Turk SSR Ser. biol nauk no 1 3-11 '61.

MURMANSK—WORLD WAR, 1939-1945

Antiaircraft defense of Murmansk M F Artemenko Vest protivovozd obor no 9 72-76 S '61

It was in the fleet of the Far North N. Dubrovin Tyl i snab Sov Voor Sil 21 no 6 53-57 Je '61

MUSCLE

Acid phosphatase in peritoneal vessels and muscle fibers of the abdominal wall of a rabbit. A. A. Savinovskaia Dokl AN SSSR 139 no 6-1467-1170 Ag '61.

Anatomical and histological characteristics of some organs in farm animals as related to different methods of castration. F.V.Kadilov, A.A.Balburtsian, A.A. Ovsepian. Izv.AN Arm.SSR.Biol.nauki 14 no 6 7-13 '61.

Comparing the heat resistance of the protein substrate in tonic and atonic skeletal muscle fibers. V B Ushakov. Citologia 3 no 4 418-425 Jl-Ag '61.

Effect of the sympathetic nerve on the potentials of striated muscle fibers of a frog. G. A. Nasledov. Dokl AN SSSR 139 no. 6:1498-1501 Ag '61.

Electromyotonometric measurements of the tone of human tongue E Z. Kelaptrishvili Soob AN Gruz SSR 26 no 4 461-467 Ap '61

Ivanov, I. I., and V. A. IUr'ev. [Biochemistry and pathobiochemistry of muscles] Biokhimiia i patobiokhimiia myshts. [Leningrad] Gos. izd-vo med. lit-ry Medgiz, 1961. 274 p.

Mitogenic irradiation of the neuromuscular system as a method for the analysis of its molecular substrate Report No 3 Regulatory effect of spinal centers on the molecular substrate of muscles in animals of various ages and the role of the regulation in muscle metabolism [with summary in English] A A Gurvich, V F Eremeev, M. A. Lipkind Biul eksp. biol i med 51 no 1 57-61 Ap '61

Mitogenic studies on the neuromuscular system as a method for the analysis of its molecular substrate Report No. 4 Demonstration of regulation potentials in muscle molecular substrates in various functional conditions [with summary in English] A. A. Gurvich Biul eksp biol i med 51 no 5 68-73 My '61

Muscle proteins in vascular walls and change in the amount in hypertension [with summary in English] V. A. IUr'ev Biul eksp biol i med 51 no 5 59-63 My '61.

Pessimum reaction of a single muscle fiber to indirect stimulation, N M. Shamarina. Fiziol zhur. 47 no. 8 1048-1055 Ag '61

Studitskii, A. N., and Z. P. Ignat'eva. [Regeneration of muscles in higher mammals] Vosstanovlenie myshts u vysshikh mlekopitaiushchikh. Moskva, Izd-vo Akad. nauk SSSR, 1961. 190 p.

MUSCLE—DEGENERATION AND REGENERATION

Regeneration of the skeletal muscle in white mice after electric injury. V S Nikitin. Biul. eksp biol. i med. 51 no. 5:107-112 My '61.

MUSCLES

Effect of adrenaline on the physical electrotonus of smooth muscles. M. F. Shuba. Fiziol zhur 47 no 8, 1068-1073 Ag '61.

Effect of the stimulation of gastric receptors on the tone [illegible] O. D Semenova Trudy Kirov otd 33-03 '60.

[illegible] during the stimulation of proprioreceptors of skeletal muscles. V. I. Georgiev. Fiziol. zhur 47 no. 8:976-983 Ag '61.

Effect of the system of gamma neurons on the electrical activity of muscle spindles during local tetanus in cats. G. A. Erzina. Fiziol. zhur. 47 no 8:971-975 Ag '61.

MUSCULAR DYSTROPHY

Variations of the heart rhythm in lambs during the white muscle disease. G. A. Palevich. Trudy Kirov. otd Vses fiziol. ob-va 1 no. 1-100-105 '60.

MUSCULUS QUADRICEPS FEMORIS—WOUNDS AND INJURIES

Avulsion of the musculus quadriceps femoris. G. IA. IAreshko. Ortop., travm. i protez. no. 7:61-62 '61.

MUSEUMS see subdivision under Leningrad; also subdivision 'Art galleries and museums' under Erivan; Leningrad; Odessa

MUSEUMS AND SCHOOLS

Work of the State Historical Museum with schools. L. IAnbykh. Prep. ist. v shkole 16 no. 5,91-93 S-O '61.

MUSHROOMS, EDIBLE see subdivision under Crimea

MUSHROOMS, EDIBLE—PRESERVATION

Shapiro, D. K., F. F. Zakharich, and M. M. Golomshtok. [Vegetable and mushroom canning at home] Konservirovanie ovoshchei i gribov v domashnikh usloviiakh. Izd. 2., perer. i dop. Minsk, Gos. izd-vo BSSR Red. nauchno-tekhn. lit-ry, 1961. 105 p

MUSHROOMS, POISONOUS see subdivision under Crimea

MUSIC—BIBLIOGRAPHY see Bibliography—Music

MUSIC—HISTORY AND CRITICISM

Shneerson, G. M. [On live and dead music] O muzyke zhivoi i mertvoi. Moskva, Sovetskii kompositor, 1960. 328 p.

Shneerson, G. M. [Trends in the contemporary music of the West] Bor'ba napravlenii v sovremennom muzykal'nom iskusstve Zapada Moskva, Izd-vo "Znanie" Vses. ob-vo po rasprostraneniiu polit. i nauchn. znanii, 1961. 39 p. (Narodnyi universitet kul'tury. Fakul'tet literatury i iskusstva, no. 8)

MUSIC—INSTRUCTION AND STUDY

Means of expression in music A M Stupel' Doshk vosp 34 no 9 77-86 S '61

MUSIC—PERIODICALS

Reviews of the "Nauchno-metodicheskie zapiski" of the L. V. Sozinov State Conservatory in Saratov Nauch.-metod.zap Ural gos konser no 3 169-178 '59

Reviews of the "Nauchno-metodicheskie zapiski" of the M I Glinka State Conservatory in Novosibirsk. Nauch.-metod. zap. Ural. gos konser no 3 181-187 '59

MUSIC, AMERICAN—HISTORY AND CRITICISM

Konen, V. D. [Roads of American music; essays on the history of music in the United States] Puti amerikanskoi muzyki, ocherki po istorii muzykal'noi kul'tury SShA. Moskva, Sovetskii kompozitor, 1961. 491 p.

MUSIC, POPULAR (SONGS, ETC.)

Eternal and loyal companion. M. Ignat'eva. Smena 38 no. 10 22-23 My '61.

MUSIC AND COLOR

Color and music Aleksandr Efim'ev. Nauka i zhizn' 28 no. 8,51-54 Ag '61.

MUSIC HALLS (VARIETY THEATERS, CABARETS, ETC.) see subdivision under Moscow

MUSIC MUSEUMS see subdivision under Leningrad

MUSIC PRINTING see subdivision under Moscow

MUSKHELISHVILI, NIKOLAI IVANOVICH, 1891-

Academician N. I Muskhelishvili; on his 70th birthday V Z. Osherovich. Inzh fiz. zhur. 4 no. 7 120-123 Jl '61

Nikolai Ivanovich Muskhelishvili. L P. Gokieli. Mat. v shkole no. 4:72-74 Jl-Ag '61.

MUSKRATS see subdivision under Balkhash District; Danube Delta

MUSTARD—THERAPEUTIC USE

Changes in the phagocytic reaction of the organism due to chemical irritation of the skin by mustard plasters A I Shabalin Trudy Kirov. otd. Vses. fiziol. ob-va 1 no. 1:32-37 '60

MUTUAL ECONOMIC ASSISTANCE COUNCIL

Long-term agreements and trade between socialist countries [with English summary in appendix] V. Moiseenko. Vnesh torg. 41 no. 8:3-7 '61.

MUZHI REGION—SPONGES, FOSSIL

Spicules of siliceous sponges from upper Cretaceous deposits of the trans-Ural region and Paleogene deposits of the Northern Urals V. M. Koltun. Paleont. zhur no. 1:61-69 '61.

MYASTHENIA GRAVIS

Pathological anatomy of myasthenia [with summary in English]. K. A. Gornak. Arkh pat. 21 no. 10:53-59 '59.

MYCOBACTERIUM TUBERCULOSIS

Effect of blood plasma and serum from animals with different species-resistance on oxygen and phosphorus assimilation in the pathogen of tuberculosis [with summary in English]. A. M. Vitrinskaia Biul. eksp. biol. i med. 51 no. 4:82-86 Ap '61.

MYOGEN

Effect of ionizing radiation on myogen A. G. V. Chitorelidze. Soob. AN Gruz. SSR 26 no. 5:539-540 My '61.

MYTISHCHI—MACHINERY INDUSTRY—TECHNOLOGICAL INNOVATIONS

Gusev, L. V. [Always searching] Vsegda v poiske. [Moskva] Mosk. rabochii, 1961. 36 p. (Novatory semiletki)

MYTISHCHI—PRINTING PLANTS

District printing plant in Mytishchi. M D. Pustyl'nik Poligr. proizv. no 7 19 Jl '61

NAFTALAN—PETROLEUM—THERAPEUTIC USE

Naftalan petroleum T G Pashaev Neftianik 6 no 4 28-29 Ap '61

NAGIBIN, IURII MARKOVICH, 1920-

Komarov and others; book review. O Zubtskaia. Sem'ia i shkola 16 no 6 45-46 Je '61

NAGORILEVI REGION—PALYNOLOGY

Recent data on the palynological analysis of Chauda deposits in western Georgia I I Shatilova Dokl. AN SSSR 139 no 5 1194-1196 Ag '61

NAKHICHEVAN A.S.S R.—PARASITES—MOTHS

Biology and economic significance of some parasites and insects preying on the malva moth in the Nakhichevan A S S R [in Azerbaijani with summary in Russian] G G Kurbanov, G A Kuliev Izv AN Azerb SSR Ser biol i med nauk no 5 65-71 '61

NAKHICHEVAN A. S. S. R.—SIEROZEM SOILS

Agrophysical properties of primitive sierozem soils of the Nakhichevan Plain. R G Mamedov Izv AN Azerb SSR. Ser biol i med. nauk no 5,119-121 '61

NAMES, GEOGRAPHICAL
(see also subdivision under Transcarpathia)

Deceptive obviousness. Semen Uzin. Vokrug sveta no 8-36-37 Ag '61.

NAPHTHALENE

Acylation of aromatic compounds in the presence of metal catalysts Benzoylation of naphthalene Uzb khim. zhur. no 4:56-63 '61

Alkylation of β-methyldecahydronaphthalene. IU. G. Mamedaliev, O. A. Zutikova. Azerb. khim. zhur. no 6: 15-20 '60

Effect of certain substances on the solubility of naphthalene in methanol. V. Sergeeva, A. Krupnikova Zhur ob khim 31 no. 8 2418-2450 Ag '61

NAPHTHALENE CRYSTALS

Duration of the photoluminescence and radioluminescence of anthracene and naphthalene crystals M. D Galanin, Z. A. Chizhikova Opt. i spektr. 11 no. 2 271-273 Ag '61.

NAPHTHALENE CRYSTALS—SPECTRA

Nature of the first bands of the main absorption spectrum of a napthalene crystal. E F. Sheka Otp. i spektr 10 no. 5,684-686 My '61

NAPHTHENIC ACID

Preparation of glycol(mono) ester of naphthenic acids. V I Isagulants, G. G. Ashumov. Azerb. khim. zhur. no. 5 25-27 '60

NAPHTHOIC ACID

Naphthalene series. Part 21. Action of ammonia on naphthoates and certain naphthol esters. V. V. Kozlov, I. K Veselovskaia. Zhur. ob. khim. 31 no 8,2662-2667 Ag '61

Products of the reaction between 3-aminocarbazole and β-hydroxynaphthoic acid. V. I Shishkina, Z. V. Pushkareva, T. N. Igon'kina. Zhur. prikl. khim. 34 no. 8. 1895-1898 Ag '61.

Reduction of hydroxynaphthoic acids. Part 5: Indirect electroreduction of 2,1-hydroxynaphthoic acid. L. N. Lavrishcheva, N. M. Przhitalgovskaia, V. N. Belov. Zhur ob. khim. 31 no. 8:2762-2766 Ag '61.

NAPHTHOL

Naphthalene series. Part 21: Action of ammonia on naphthoates and certain naphthol esters. V. V. Kozlov, I. K. Veselovskaia Zhur. ob. khim. 31 no 8:2662-2667 Ag '61.

NARCOTIC HABIT

Black smoke is spreading. Nauka i zhizn' 28 no. 7:71 Jl '61.

NARYNKOL DISTRICT—COOPERATIVE SOCIETIES

Even better than last year Koop. Kazakh. 4 no. 5/6 11 My-Je '61.

NATIONAL PARKS AND RESERVES
(see also subdivision under Kirovograd Province; Krasnodar Territory, Ukraine; Uman)

The art of landscape gardening. I. D. Rodichkin. Priroda 50 no. 9:69-74 S '61.

NATIONAL STATE

A conference on timely problems. G. A. Moskvina, V. A. Pechenev. Vop. filos. 15 no. 9:122-124 '61.

NATIONALITIES

Building of communism and the further amalgamation of nations in the U. S. S. R. [with summary in English, p. 184]. M. D. Kammari. Vop. filos. 15 no. 9:28-43 '61.

Building of communism and the development of relations among the nationalities of the U S S R A Azilan. Kommunist 36 no. 15:17-27 O '61

Communism and prospects for the development of the national art and culture of Soviet peoples. A. Ogorov Polit samoobr. 5 no 9 81-95 S '61

The Inter-Republic Conference on Friendship among Peoples. Z. H. Novidoma, IU. M. Protsenko Ukr. ist zhur. 5 no. 5:165-166 S-O '61

Inter-republican seminar. Nauka i zhyttia 11 no. 7:40 Jl '61

Present-day training of Soviet workers in the spirit of socialist internationalism and friendship among peoples. I. A. Novykov. Ukr ist. zhur 5 no. 5:21-28 S-O '61.

Relations among the nationalities of the U. S S R during the large-scale building of communism L. Karapetian. Part zhizn' no 19 21-26 O '61.

V. I. Lenin on the federative form of government and its role in the development of the Soviet multinational state. M. L. Kulichenko Vop ist. KPSS 5 no 5, 55-72 '61.

"We are a close-knit family." M. Voinov Komm. Vooruzh. Sil 1 no. 4 66-69 F '61.

NATISHVILI, ALEKSANDR NIKOLAEVICH, 1878-1959

Aleksandr Nikolaevich Natishvili; obituary. Trudy Inst. Eksp. morf. AN Gruz SSR 8:5-7 '60

Council of Ministers of the Georgian S. S. R.; a decree. Trudy Inst. eksp. morf. AN Gruz. SSR 8, 3 '60.

Scientific legacy of Aleksandr Nikolaevich Natishvili N A Dzhavakhishvili Trudy Inst eksp. morf. AN Gruz. SSR 8.11-15 '60.

NATURAL GAS see Gas, Natural

NATURAL HISTORY see subdivision under Akmolinsk District

NATURAL HISTORY—JUVENILE LITERATURE

Dmitriev, IUrii, and Nikolai Osipov. [The good woodpecker; stories about nature] Dobryi diatel; rasskazy o prirode. Moskva, 1960. 214 p.

NATURAL MONUMENTS—CONGRESSES

Third All-Union Conference on the Protection of Nature. E. A. Klinshkin Izv AN Turk. SSR. Ser. biol. nauk no. 1 81-83 '61.

NATURAL MONUMENTS—LAW AND LEGISLATION

Kolbasov, O. S. [Protection of nature in Soviet law] Okhrana prirody po sovetskomu zakonodatel'stvu. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 74 p.

NATURAL RESOURCES
(see also subdivision under Buryat-Mongolia; Maritime Territory; Russia, Northern; Sverdlovsk Province; Tajikistan, Ukraine)

Gurvich, L. I. [Role of natural resources in the development of productive capacities] Rol' prirodnykh bogatstv v razvitii proizvoditel'nykh sil. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 252 p.

Let's train the master of nature! Vladimir Elagin. Sem'ia i shkola 16 no. 7:1-3 Jl '61.

What does it mean to conserve nature. K. Blagosklonov. IUn. nat. no. 9:14-15 S '61.

NATURAL RESOURCES—STUDY AND TEACHING

Know, protect, and develop. M. Mirianoshvili. IUn. nat. no. 9:1-2 S '61.

NATURE see subdivision under Ukraine

NATURE STUDY

Aesthetic development of students in their contact with nature. I. F. Goncharov. Sov. pedag. 25 no. 8:82-86 Ag '61.

Club for question boxes. IUn. nat. no. 9:20-21 S '61.

Editor's mail. Sem'ia i shkola 16 no. 7:39 Jl '61.

For you, researchers and young naturalists. B. Chashchenin. Sem'ia i shkola 16 no. 7:43 Jl '61.

Forest in the Zhiguli Mountains. N. Bobneva, B. Chashchenin. IUn. nat. no. 9:5-8 S '61.

Harvest. S. V. Loginov. Doshk. vosp. 34 no. 9:47-49 S '61

Love of nature L. V. TSybina. Doshk. vosp. 34 no. 9. 31-34 S '61.

Poetry of nature. A. Sergeeva. Sem'ia i shkola 16 no. 7:30-32 Jl '61.

NATURE STUDY—BIBLIOGRAPHY see Bibliography—Nature study

NAUTICAL INSTRUMENTS

Oleinik, V. P. [Brief theory of navigational aids] Kratkaia teoriia elektronavigatsionnykh priborov. Moskva, Izd-vo "Morskoi transport," 1961. 105 p.

NAVAL ARCHITECTURE

Segal', V. F. [Diploma project on the course in the structural engineering of ships] Kursovoe proektirovanie po stroitel'noi mekhanike korablia. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 131 p.

NAVAL ART AND SCIENCE—DICTIONARIES

The Arab nautical encyclopedia of the 15th century T. A. Shumovskii Krat soob Inst nar Azii no 47 75-81 '61.

NAVAL DISCIPLINE

A close-knit and efficient team. T Belashchenko. Komm Vooruzh. Sil 1 no. 6 73-76 D '60.

Closer to life and to our people. E. Kharitonov Komm. Vooruzh. Sil 1 no. 4, 58-58 F '61

NAVAL MEDICINE see Medicine, Naval

NAVIES see also subdivision 'Navy' under Great Britain; Russia, United States

NAVIGATION (AERONAUTICS)

Answers to problems published in No. 2 of this periodical. Vest. protivovozd. obor. no. 6 42 Je '61.

By parallel instruments A. M. Novak. Vest. Vozd. Fl. no. 7 40 Jl '61.

By parallel instruments. A M Novak. Vest. Vozd. Fl. no 8 61 Ag '61

Celestial navigation N. V. Klimakhin Vest. protivovozd obor no 7 46-52 Jl '61

Control of the flight path by means of the radio altimeter R. G. Dakhnovskii. Vest Vozd. Fl. no 6 77-78 Je '61.

Flight with a variable profile. M. I. Vol'fovskii, P. V. Mosharov. Vest. Vozd Fl no. 7 38-40 Jl '61.

Leading navigator. Vest. protivovozd obor. no. 7 36 Jl '61

Navigators' calculations can be automated still more. V. V. Krylov. Vest. Vozd. Fl. no 5 82-83 My '61

NAVIGATION (AERONAUTICS)—PROBLEMS, EXERCISES, ETC.

Solve these problems Vest protivovozd. obor. no 9 40 S '61

NAVIGATION (AERONAUTICS)—STUDY AND TEACHING

Drawing a prescribed flight itinerary with student pilots. F F Storozhenko. Vest. Vozd Fl. no 6 40-41 Ag '61.

NEBULAE

Optical characteristics of diffuse nebulae [with summary in English] I N Minin. Astron zhur 38 no. 4: 641-646 Jl-Ag '61.

NEFTYANYYE KAMNI REGION—OIL WELL DRILLING, SUBMARINE

Meeting of shafts in cluster drilling of inclined wells. D M. Makhmudov. Azerb neft. khoz. 39 no. 1:19-21 Ja '60.

Striving for the title of an enterprise of communist labor G. M. Ragimov Neftianik 6 no 4 4-6 Ap '61.

Trucks over the sea. L. Vladimirov. Znan sila 36 no. 8, 19-20 Ag '61.

NEFTYANYYE KAMNI REGION—PETROLEUM INDUSTRY—FIRES AND FIRE PREVENTION

Constant patrol. G. Makarov. Pozh. delo 7 no. 8 27 Ag '61

NEGROES—EMPLOYMENT see subdivision under United States

NEGRUL', ALEKSANDR MIKHAILOVICH, 1900-

Professor A. M. Negrul'. A. D. Aleksandrov. Izv. TSKhA no. 2:213-214 '61

NEHRU, JAWAHARLAL, 1889-

Jawaharlal Nehru, Prime Minister of India. Nov. vrem. 10 no. 36, 17 S '61.

NEHRU, RAMESHWARI, 1886-

Indefatigable champion of peace. Ogonek 39 no. 35:1 Ag '61

NEKRASOV, V.

"By the light of day" by Em. Kazakevich; "Kira Georgievna" by V. Nekrasov Reviewed by L. Zhak. Oktiabr' 38 no. 9:208-213 S '61.

NEMATODA
(see also subdivision under Azerbaijan; Tajikistan)

State of gastric secretion in necatoriasis. V. M. Kvachadze. Soob AN Gruz. SSR 26 no. 5:595-598 My '61

NEMERTINEA see subdivision under Indian Ocean

NEMIROVICH-DANCHENKO, VASILII IVANOVICH, 1845-1936

Markov, P. A. [V. I. Nemirovich-Danchenko as a stage director in the musical theater] Rezhissura Vl. I. Nemirovicha- Danchenko v muzykal'nom teatre. Moskva, Vseros. teatral'noe obshchestvo, 1960. 408 p.

NEMRUT DAG—ANTIQUITIES

Statues on the Nemrut Dag. Znan. ia pratsia no. 8:29 Ag '61.

NEODYMIUM

Ionic refraction of neodymium. S. S. Batsanov, L. I. Gorogotskaia. Izv. Sib. otd. AN SSSR no. 7:111-114 '61.

NEON—ISOTOPES

Ne^{22} levels excited in the reaction $F^{19}(\alpha, p)Ne^{22}$. A. M. Romanov, E. V. Miakinin, M. P. Konstantinova. Izv. AN SSSR Ser. fiz 25 no 9 1135-1137 S '61.

NEPTUNIUM COMPOUNDS

Complex compounds of pentavalent neptunium with citric and tartaric acids A I Moskvin, I N Marov, IU. A. Zolotov Zhur neorg. khim 6 no 8 1813-1820 Ag '61

NERVES, CUTANEOUS

Reflex variations of temperature sense in man L M. Kurilova. Fiziol zhur. 47 no 8:965-970 Ag '61

NERVES, SPINAL—DISEASES

Novocaine diathermy electrophoresis in the compound treatment of lumbosacral radiculitis. M L Smolenskii. Voen -med zhur. no 5 84 My '61.

NERVOUS SYSTEM

Akademiia meditsinskikh nauk SSSR, Moscow. Institut eksperimental'noi patologii i terapii. [Physiology and pathology of the higher nervous activity of apes; collection of works] Fiziologiia i patologiia vysshei nervnoi deiatel'nosti obez'ian; sbornik rabot. Sukhumi, 1960. 100 p.
(DNLM)

Changes in the higher nervous activity of patients with diabetes mellitus. Report No. 1. N. S Denilova. Probl endok i gorm. 7 no. 4 89-96 '61.

Kotliarevskii, L. I. [Mechanisms of the action of manganese on the central nervous system of animals] Mekhanizmy deistvila margantsa na tsentral'nuiu nervnyiu sistemu zhivotnykh. Moskva, Izd-vo Akad. nauk SSSR, 1961. 198 p.

Role of the type of nervous system in reactions of the organism to damaging factors [with summary in English]. V. N Burdina, E. F Melikhova Biul. eksp. biol. i med 51 no 4 27-32 Ap '61.

Some changes in higher nervous activity during acceleration. V I Babyshkin and others Voen. -med zhur. no 6:54-58 Je '61.

Soveshchanie po psikhologii. [Summaries of papers to a conference on psychology] Tezisy dokladov. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1953. 67 p.

NERVOUS SYSTEM—DISEASES

Amount of cholesterol, phospholipids, proteins, and lipoprotein fractions in the blood serum of women during the climacteric and in climacteric neuroses. IA. D. Rafal'skii. Probl. endok. i gorm. 7 no. 4 82-89 '61.

Some problems in the pathomorphology of the central nervous system in young children with different forms of pneumonia M. S. Bokeriia, B. R. Nanejshvili, G. I. Nizharadze. Soob. AN Gruz. SSR 26 no 5 619-621 My '61.

NERVOUS SYSTEM—MAMMALS

Structure of spinal neuroplexuses in bats (Myotis oxygnathus). V. S. Abashidze. Trudy Inst. eksp. morf. AN Gruz. SSR 8:127-129 '60

Structure of spinal neuroplexuses in the hare (Lepus e. caucasicus). V. S. Abashidze. Trudy Inst. eksp. morf. AN Gruz. SSR 8:131-133 '60

Structure of spinal neuroplexuses in the squirrel (Sciurus persicus anomalus). V. S. Abashidze. Trudy Inst. eksp. morf. AN Gruz SSR 8:135-137 '60.

NERVOUS SYSTEM—WOUNDS AND INJURIES

Plechkova, E. K. [Reaction of the nervous system to chronic damage of the peripheral nerve; experimental and morphological study] Reaktsii nervnoi sistemy organizma na khronicheskoe povrezhdenie perifericheskogo nerva; eksperimental'no-morphologicheskoe issledovanie. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 257 p.
(DNLM)

NERVOUS SYSTEM, PARASYMPATHETIC

Sulfhydryl groups in the tissue of the submaxillary gland after its parasympathetic innervation has been damaged [with summary in English]. V. M. Rubel'. Biul eksp. biol. i med. 51 no. 4, 62-66 Ap '61.

NERVOUS SYSTEM, SYMPATHETIC

Effect of the sympathetic nerve on the potentials of striated muscle fibers of a frog. G. A. Nasledov. Dokl. AN SSSR 139 no. 6:1498-1501 Ag '61.

NERVOUS SYSTEM, VASOMOTOR

Experimental verification of the hypothesis of a vasodilator center. V. M. Khalutin. Fiziol. zhur. 47 no. 8:1015-1023 Ag '61.

NETHERLANDS—SHAFT SINKING

Man'kovskii, G. I., and L. G. Podoliako. [Special methods for shaft sinking in the German Federal Republic and Holland] Prokhodka stvolov shakht spetsial'nymi sposobami v FRG i Golandii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 204 p.

NEUROSES

Allergic factor in neurotic hypertension in monkeys [with summary in English]. M. Kh. Markov Arkh pat 21 no. 10:31-38 '59

Vascular and motor-secretory reactions of the small intestine to different stimuli under normal conditions and in experimental neurosis. V A Pastukhov Fiziol zhur. 47 no 8,997-1003 Ag '61

NEUTRINOS

Electron-neutrino angular correlation in free neutron decay. V V Vladimirskii and others. Izv. AN SSSR Ser. fiz. 25 no. 9 1121-1123 S '61.

NEUTRON DIFFRACTION CRYSTALLOGRAPHY

Adjustment of single-crystal specimens for neutron diffraction study I. I. IAinzin, IU Z. Nozik Kristallografiia 6 no 3 471-473 My-Je '61.

Comments on the "null matrix" in neutron diffraction study. Kristallografiia 6 no. 4:503-506 Jl-Ag '61.

Neutron diffraction study of iron-cobalt alloys. B.G. Liashchenko, D.F.Litvin, IU G.Abov. Kristallografiia 6 no.4:553-559 Jl-Ag '61.

NEUTRONS

Nature of dielectric losses in polycrystalline magnesium and zinc titanates irradiated by large integral fluxes of slow neutrons. L. K. Vodopianov Fiz. tver tela 3 no. 8 2331-2335 Ag '61

NEUTRONS—CAPTURE

$Cl^{35}(n, p)$ reaction and the neutron resonance parameters of chlorine [with summary in English] IU P. Popov, F. L. Shapiro Zhur. eksp i teor fiz 10 no 6:16-10-1614 Je '61.

NEUTRONS—DECAY

Electron-neutrino angular correlation in free neutron decay. V. V. Vladimirskii and others. Izv. AN SSSR. Ser. fiz. 25 no. 9:1121-1123 S '61.

NEUTRONS—PHYSIOLOGICAL EFFECT

Investigating the effect of irradiation by gamma rays and neutrons on the concentration of free nucleotides in tissues of the animal organism. E. A. Ivanitskaia. Radiobiologiia 1 no. 3 336-339 '61.

NEUTRONS—SCATTERING

Angular distribution of elastically scattered 14. 5 Mev. neutron [with summary in English] V. I Strizhak, V. V Bobyr', L. IA. Grona Zhur eksp i teor fiz 40 no 3: 725-728 Mr '61.

Effect of diffusion on the scattering of neutrons and photons by crystal defects and on the Mössbauer effect [with summary in English] M. A. Krivoglaz Zhur. eksp. i teor fiz 40 no 6 1812-1824 Je '61.

Neutron polarization in the $C^{12}(d, n)N^{13}$ reaction [with summary in English] I I Levintov, I S Trostin. Zhur eksp i teor. fiz 40 no 6:1570-1571 Je '61

Scattering of 0 8 and 2. 8 Mev. neutrons in the region of small angles IU. A. Aleksandrov, G B Antkin, A S Soldatov Zhur eksp. i teor. fiz. 40 no 6 1878-1879 Je '61

NEW SIBERIAN ISLANDS—SOLAR RADIATION

Radiation balance of New Siberian Islands L. F. Ovchinnikov Trudy AANII 229 132-146 '61.

NEW STARS see Stars, New

NEW YORK (CITY)—DESCRIPTION

First time in New York (to be continued). Boris Burkov. Ogonek 38 no. 26 28-29 Je '61

NEWERLY, IGOR, 1903-

A meeting with Igor Newerly. Vest. Mosk un Ser 7 Filol., zhur. 16 no. 5 94-95 S-O '61

NEWSPAPER LAYOUT AND TYPOGRAPHY

Basic aspects of laying out an issue and planning a newspaper page S M. Gurevich Poligr proizv no 8 21-24 Ag '61

Notes on the format of district and city newspapers. S. M. Gurevich. Poligr. proizv. no. 7:24-27 Jl '61.

NEWSPAPERS—SECTIONS, COLUMNS, ETC. see subdivision under Gorkiy; Rostov-on-Don

NEZVISKA—ANTIQUITIES

Results of studying the lower strata of the Nezviska settlement. E. K. Chernysh. Mat. i dosl z arkheol. Prikarp. i Vol. no. 2:73-86 '59.

Results of studying the upper strata of the Nezviska settlement. G. I Smirnova Mat i dosl. z arkheol. Prikarp. i Vol no. 2, 87-101 '59.

NICHROME

Applicability of the principle of equivalence of the temperature and formation rate on the bearing stress of nickel and of nichrome containing 18, 3 at. % Cr V. F. Sukhovarov. Izv. vys. ucheb. zav., fiz. no 3:147-154 '61

NICKEL

Applicability of the principle of equivalence of the temperature and deformation rate on the bearing stress of nickel and of nichrome containing 18 3 at % Cr. V F Sukhovarov Izv vys. ucheb zav., fiz. no 3.147-154 '61

Effect of Y-irradiation on the properties of electrolytic nickel. S D Gertsriken, N P Plotnikova. Sbor nauch. rab. Inst metallofiz. AN URSR no 12,60-62 '61

Nonstationary thermionic emission from nickel and tungsten in a vacuum E. I Agishev, IU I Beliakov Zhur tekh fiz 30 no 2 223-225 F '60

Structure and activity of supported nickel catalysts. Part 1 Structural changes of the catalyst support during the deposition of nickel [with summary in English] A. E. Agronomov, IU. S. Mardashev. Zhur fiz khim 35 no 8,1666-1671 Ag '61.

NICKEL—METALLOGRAPHY

Determining the diffusion parameters of nickel along the grain boundaries of nickel and cobalt S D Gertsriken, T K IAtsenko Sbor nauch rab. Inst metallofiz AN URSR no 12-135-141 '61

NICKEL-BERYLLIUM ALLOYS

Study of changes in the crystalline structure of the alloy nickel-beryllium at an early stage of aging. IU. D. Tiapkin, IU. A. Bogaratskii, A. V. Gavrilova. Kristallografiia 6 no 4,560-567 Jl-Ag '61.

NICKEL-CHROMIUM ALLOYS—ELECTRIC PROPERTIES

Concentration dependence of electric transfer in the components of nickel-chromium alloys [with summary in English] I. M Frantsevych, M D Smolin Dop AN URSR no 7 906-910 '61.

NICKEL-CHROMIUM-TUNGSTEN ALLOYS see Chromium-nickel-tungsten alloys

NICKEL-COBALT-SILICON ALLOYS see Silicon-cobalt-nickel alloys

NICKEL COMPOUNDS

Complex anions of nickel with nitrilotriacetic acid S IU Elovich, L G Tonkonog Zhur neorg khim 6 no 8 1791-1794 Ag '61

NICKEL-COPPER ALLOYS see Copper-nickel alloys

NICKEL-COPPER ALLOYS—METALLOGRAPHY

Shear and diffusion plastic deformation during the creep of nickel-copper alloys. V. A. Pavlov and others Fiz met. i metalloved. 12 no. 1:07-107 Jl '61

NICKEL-COPPER-SILICON ALLOYS see Copper-nickel-silicon alloys

NICKEL CRYSTALS—MAGNETIC PROPERTIES

Anomaly of Young's modulus and the domain structure of nickel B V Molotilov, IU A Osip'ian Dokl AN SSSR 139 no 5 1095-1097 Ag '61

NICKEL FERRATES—THERMAL PROPERTIES

Specific heat of ferrites of the nickel - zinc system in the low temperature range [with summary in English]. M O Kostriukova. Zhur. eksp i teor fiz. 40 no 6. 1638-1643 Je '61

NICKEL-IRON ALLOYS see Iron-nickel alloys

NICKEL-MOLYBDENUM ALLOYS

Investigating the bonds in nickel-molybdenum solid solutions by means of the fine structure of X-ray absorption spectra V. A Trapeznikov Izv AN SSSR. Ser. fiz 25 no 8:994-996 Ag '61

NICKEL PLATING

Chemical nickel plating. I. F. Kostenich. Khim. v shkole 16 no 4:84-85 Jl-Ag '61

Galvanic bath for school workshops. I. Turyshev. Shkola i proizv. 5 no. 6 51 Je '61

NICKEL SULFIDE

Improved method of determining sulfide nickel E. M Katsnel'son, E. IA. Osipova Obog. rud 5 no 4 24-26 '60

NICKEL-VANADIUM ALLOYS—THERMAL PROPERTIES

Elastic properties of alloys of the system nickel - vanadium B. G. Livshits, G. A Rymashevskii. Izv. vys. ucheb zav., chern met 4 no 7 138-141 '61

NIGERIA—EDUCATION

British colonialism and the education of the peoples of Nigeria V. P. Lanchinskaia, I D Il'in Sov. pedag 25 no 8 121-135 Ag '61

NIGERIA—POLITICS AND GOVERNMENT

Pribylkovskii, L. N. [Nigeria i the struggle for independence] Nigeriia v bor'be za nezavisimost', Moskva, Izd-vo vostochnoi lit-ry, 1961, 190 p.

NIGHT SKY

Division of the luminosity of the night sky into components. [with summary in English]. K. K Chuvaev. Astron. zhur. 38 no. 4, 692-705 Jl-Ag '61.

NIKITIN, IVAN SAVVICH, 1824-1861—FICTION

Bubnova, O. V. [Tale about a poet] Povest' o poete. Izd. 2., ispr. i dop. Moskva, Sovetskaia Rossiia, 1960. 207 p. (MIl)

NIKOLAYEV—AUXILIARY POLICE

What has happened in Nikolaev after all? M Karpovich Sov. deput trud. no 8 81-84 S '61.

NIKOLAYEVKA (ALTAI TERRITORY)—ORE DEPOSITS

Ores of the Nikolayevka deposit in the Rudnyy Altai and the oxygen compounds of lead, copper and zinc contained in them M K Vorontsova, N. I Vorontsov, B. S. Khristoforov Trudy Alt GMNII AN Kazakh SSR 11 141-146 '61

Thermal characteristics of Nikolayevka deposit ores V V Vershinina, M A Abdeev, N. S. Butenko Trudy Alt GMNII AN Kazakh SSR 11.82-92 '61.

NIOBIUM

Fusibility curve of the system titanium - zirconium - niobium V S Mikhcev, O K Belousov Zhur neorg khim 6 no 8 1905-1908 Ag '61

NIOBIUM—ISOTOPES

Cu^{64} levels excited in the reaction $Ni^{64}(p, n\gamma)Cu^{64}$. A K Val'ter and others. Izv AN SSSS Ser. fiz. 25 no. 9 1127-1130 S '61

Study of gamma-transitions in the $Co^{59}(p, n\gamma)Ni^{59}$ reaction [with summary in English] A K. Val'ter and others. Ukr. fiz zhur 6 no. 3:318-332 My-Je '61

NIOBIUM—SPECTRA

Corrected $L\beta_2$-emission band in pure niobium and its compounds M I Korsunskii, IA E. Genkin Izv AN SSSR Ser fiz 25 no 8 1028-1030 Ag '61

NIOBIUM-ALUMINUM ALLOYS—METALLOGRAPHY

Investigating alloys in the system niobium - aluminum N A Nedumov, V I Rabcova Izv AN SSSR. Otd tekh. nauk Met. i topl no 4 68-70 Jl-Ag '61.

NIOBIUM COMPOUNDS—SPECTRA

Corrected $L\beta_2$-emission band in pure niobium and its compounds. M I Korsunskii, IA. E. Genkin Izv AN SSSR Ser fiz 25 no 8 1028-1030 Ag '61

NIOBIUM-MOLYBDENUM-CHROMIUM ALLOYS—METALLOGRAPHY

Investigating the system niobium - molybdenum - chromium M I Zakharova, D. A Prokoshkin Izv AN SSSR. Otd tekh nauk Met i topl no 4 59-67 Jl-Ag '61

NIOBIUM-TITANIUM ALLOYS see Titanium-niobium alloys

NITRIC ACID

Extraction of nitric acid with trihoptylamine O I Zakharov-Nartsissov, A V Ochkin Zhur. neorg khim 6 no. 8 1936-1939 Ag '61

Kinetics of dissolution of indium antimonide in nitric acid R. L Midler, G. M. Orlova, TSui TSzin'-khua Zhur. ob. khim 31 no. 8:2457-2461 Ag '61

NITRO COMPOUNDS

Fire and explosion hazards of certain aliphatic nitro compounds. M A Mardanov and others Azerb. khim. zhur no 1 5-10 '61

NITROBENZENE

Complexing in the system $AlBr_3 - C_5H_5N - C_6H_5NO_2$ E. IA. Gorenbein, A G. Ponomarenko. Zhur neorg khim 6 no 8 1926-1929 Ag '61

NITROGEN

Effect of excessive soil moisture and nitrogen on some physiological processes and yields of barley with regard to its phasic development. F. D Skazkin, IU. N. Fedorova. Dokl. AN SSSR 139 no. 6 1476-1479 Ag '61.

Effect of nitrogen on the corrosion resistance of welded joints in 18-8 type steels A. I. Akulov Avtom. svar. 14 no 9 3-5 S '61.

Ganz, S. N. [Technological processes and equipment of the synthesis gas and fixed nitrogen industries] Tekhnologicheskie protsessy i oborudovanie proizvodstv sintez-gaza i sviazannogo azota. Pod red. V. I. Dalia. Khar'kov, Izd-vo Khar'kovskogo gos. univ. im. A. M. Gor'kogo, 1960. 55 p.

Lessons on the study of the nitrogen and carbon cycles in nature. R N Kniazeva, L. A. Korobeinikova. Khim. v shkole 6 no. 4:70-77 Jl-Ag '61.

Phase equilibria in the acetic acid - nitrogen system G. D. Efremova, L. A. Makarevich, E. S. Sokolova. Khim. prom. no. 8 503-504 Ag '61.

Solubility of nitrogen in liquid manganese. I B. Baratashvili and others. Dokl. AN SSSR 139 no. 6: 1354-1355 Ag '61.

NITROGEN—ANALYSIS

Determination of nitrogen in crude oils and petroleum products by the Dumas micromethod N. N. Bezinger, G. D. Gal'pern, T. I. Ovechkina. Metod. anal. org soed. nefti, ikh smes. i proizv no 1 132-140 '60.

NITROGEN—ISOTOPES

Intensity distribution in the rotational structure of the isotopic nitrogen spectra and isotopic analysis K A Oganezov, R R. Shvangiradze Opt i spektr. 10 no 5 577-582 My '61.

Spectroscopic method for determining the isotopic composition of nitrogen. A N Zaidel', G. V Ostrovskaia, A A. Petrov Opt i spektr 10 no 5 673-676 My '61.

NITROGEN COMPOUNDS

Functional analysis of nitrogen bases and amines and group analysis of petroleum nitrogen compounds N. N Bezinger, G. D Gal'pern. Metod anal org soed nefti, ikh smes i prouzv. no 1 141-169 '60

Role of nitrogen and phosphorus compounds in bioenergetics I. A. Nikolnev Khim v shkole 16 no. 4:47-54 Jl-Ag '61.

NITROGEN INDUSTRIES—CONGRESSES

Conference of nitrogen industry workers Khim prom. no. 8 588-589 Ag '61

NITROGEN OXIDE

Absorption of tail nitrous gases by manganous oxide hydrate. V. Samarchian. Prom Arm 4 no 6,61-63 Je '61.

Separate determination of sulfur dioxide and nitrogen oxides in the manufacture of sulfuric acid by the chamber process N IA Ugniachev, T V Oleinik Khim prom no 8 577-580 Ag '61

NITROGEN OXIDE—SPECTRA

Study of the infrared spectra of isotopic oxygen compounds of nitrogen R. R Shvangiradze, Sh. Z Dzhamagidze Opt i spektr. 10 no. 5 583-588 My '61

NITROGLYCERIN

Quantitative potentiometric determination of some nitro esters S Kh. Dzotsoti. Azerb. khim zhur no 2,81-85 '61.

NITUSOV, EVGENII VASIL'EVICH, 1895-1961

Evgenii Vasil'evich Nitusov, obituary L D Bel'kind and others Elektrichestvo no. 4 91 Ap '61.

NIZHNEDEVITSK DISTRICT—RAIN AND RAINFALL

Microsynoptic distribution of summer precipitation in Nizhnedevitsk District, Voronezh Province Z M Makhover Sbor rab po sinop no 5 67-86 '60

NIZHNIY TAGIL—LIGHTWEIGHT CONCRETE

Centrifuged autoclaved air-entrained cinder-flyash concrete I. Ben'laminovich, S. Chulitskii, L Rozenfel'd Stroitel' no. 7.3-7, 16-17 Jl '61.

NIZHNIY TAGIL—PRISONS AND REFORMATORIES

Hello, children! Petr Gelazonila. Sem'ia shkola 16 no. 7:10-12 Jl '61.

NIZHNIY TAGIL—THEATER

Achieved but not mastered. K. Krivitskii. Teatr 22 no 9 106-108 S '61.

NOGINSK—FIREMEN

Years went by.... M. Sapozhnikov. Pozh delo 7 no. 8: 13 Ag '61.

NOISE

Limit the noise at reinforced concrete product plants IU. Elizarov, S. Kovrigin, G. Osipov. Stroitel' no 7: 26-28 Jl '61.

NOMOGRAPHY (MATHEMATICS)

Borisov, S.N., D.G. Lapteva, and G.S. Khovanskii. [Collection of nomographs for calculating free surface curves in channels of a trapezoidal cross section] Sbornik nomogramm dlia rascheta krivykh svobodnoi poverkhnosti v kanalakh trapetseidal'nogo profilia. Moskva, Vychislitel'nyi tsentr AN SSSR, 1961. ——— ——— Supplement. 301.

Nomographic calculability with the aid of the rectilinear abacus of Descartes. V. I Arnol'd Usp. mat. nauk 16 no. 4 133-135 Jl-Ag '61

Solvability of an equation in five variables by means of a nomograph. IU. I. Bogoliubov. Zhur. vych mat i mat. fiz. 1 no. 4:726-728 Jl-Ag '61.

NON-EUCLIDEAN GEOMETRY see Geometry, Non-Euclidean

NONFERROUS METAL INDUSTRIES see subdivision under Zyryanovsk

NONFERROUS METAL INDUSTRIES—ACCOUNTING

Methods of evaluating the efficiency of new technological processes in nonferrous metallurgy N. S. Saitybaidin Trudy Alt. GMNII AN Kazakh. SSR 11:109-116 '61.

NONFERROUS METALS
(see also subdivision under Altai Mountains; Dzhezkazgan)

Combination methods of treating oxidized lead-bearing complex ores. E. N. Vishnevskii, A. I. Eskin. Obog. rud 6 no. 2:10-16 '61.

Dnestrovskii, N. Z., and S. N. Pomeranisev. [Brief manual on the treatment of nonferrous metals and alloys] Kratkii spravochnik po obrabotke tsvetnykh metallov i splavov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 410 p.

Effect of slimes on the cationic flotation of oxidized minerals in lead-zinc ores A. A. Abramov Obog. rud 6 no. 1:9-16 '61.

For the saving of nonferrous metals in the manufacture of electric apparatus and machinery V A. Baev, S M Zeitman. Vest. elektroprom 32 no 8:1-4 Ag '61

Kinetics of copper sorption on zinc blends. N. M. Bazanova, S. I Mitrofanova. Obog. rud 6 no. 2 17-20 '61

Materials for equipment used in some processes of the hydrometallurgy of nonferrous metals. G. L. Shwarts, IU. S. Sidorkina. Trudy NIIKhIMMASH no 27-62-71 '59.

Mechanism of the depressant action of cyanide bearing compounds during the separation of copper-lead-zinc products. V. IA. Khainman. Obog rud 4 no 3 13-20 '59.

Methods of testing the susceptibility of lead-zinc ores to undergo dressing. K. A. Razumov, Chen Diu Sen Obog. rud 4 no 1:8-13 '59.

Use of high molecular organic depressants in the flotation of copper-nickel ores. L. I. Vaneev and others. Obog. rud 6 no. 2 3-9 '61.

Use of nontoxic frothers for the flotation of copper-nickel sulfide ores I. I Vaneev, A. F. Lazarevskii Obog rud 5 no 1 15-16 '60.

Use of the autoclave soda process for the treatment of tungsten-molybdenum products. P. M. Perlov. Obog rud 5 no 5:34-37 '60.

NONFERROUS METALS—ANALYSIS see subdivision under Leninogorsk

NONFERROUS METALS—METALLURGY

Concentration of tellurium and the recovery of silver and lead from cupellation dusts. Izv. AN Kazakh SSR Ser met., obog. i ogneup no. 2:10-17 '61

Mechanism of the sulfidizing roasting of lead in the converting of complex metal mattes M. A Abdeev, E K Dimisekin Trudy Alt GMNII AN Kazakh. SSR 11:26-33 '61.

Studying the behavior of nonferrous and rare metals during the treatment of furnace dusts by the Waelz process V V. Fokin, V. D. Mikhin, V. I. Smirnov Trudy Alt. GMNII AN Kazakh SSR 11 21-25 '61

Zinc volatilization during the converting of complex metal mattes. M. A. Abdeev, S V. Lipkin Trudy Alt. GMNII AN Kazakh SSR 11 10-20 '61

NONFERROUS METALS—SPECTRA

Quantitative determination of lead by the spectral method. N. I. Gruzdeva. Obog. rud 5 no. 1 22-23 '60.

NONFERROUS METALS—WELDING

Thermal diffusion processes and porosities occurring in welded joints in the arc welding of light and nonferrous metals. V. V. Frolov. [Trudy] MVTU no. 101 132-174 '61.

NORIL'SK—ORE DRESSING—EQUIPMENT AND SUPPLIES

Anticorrosive protection of parts at the Noril'sk Combine. L. A Antonov. Obog. rud 4 no 2,48-49 '59

NORTH ATLANTIC TREATY ORGANIZATION

The principal instrument of imperialist aggression. V. Nagrebetskii Komm. Vooruzh. Sil 1 no. 3,75-79 F '61.

NORTH KAZAKHSTAN PROVINCE—BIRCH

Reciprocal relation between the diameters of trees at chest height diameters of their crown in various types of birch plantation in Northern Kazakhstan T. II. Tokmurzin. Vest. sel'khoz. nauki [Kazakh.] 4 no 5: 81-83 My '61.

NORTH KOREA see Korea, North

NORTHERN CAUCASUS see Caucasus, Northern

NORTHERN WAR, 1700-1721

Northern War, 1700-1721. Voen.-ist. zhur. 3 no. 3: 128 Ag '61.

NORWAY—DESCRIPTION AND TRAVEL

Norway is not far from us (to be continued). Gennadii Fish. Znamia 31 no. 8:165-175 S '61.

NORWAY—PEASANTRY

Free peasants and the feudal Norwegian state from the 10th to the 12th century [with summary in English] A. IA. Gurevich. Sred. veka no. 20:3-31 '61

NORWAY—WORLD WAR, 1939-1945—PRISONERS AND PRISONS, RUSSIAN

Solidarity. Mikhail Iakrin. Sem'ia i shkola 16 no. 6: 23-24 Je '61.

NORWEGIAN SEA—OCEAN CURRENTS

Some data on water exchange between the Barents and the Norwegian Seas. B. P. Kudlo. Trudy GOIN no. 64: 33-38 '61.

NORWEGIAN SEA—RAYS (FISHES)

Raja linten Fries in the boundary region between the Norwegian and Barents Seas [with summary in English] V. P. Ponomarenko. Zool. zhur. 40 no. 8 1260-1261 Ag '61.

NOSE, ACCESSORY SINUSES OF—CANCER

Squamous cell carcinoma of Highmore's antrum [in Georgian with summary in Russian]. G. A Vadachkoriia Trudy Inst ekap morf AN Gruz SSR 8 223-233 '60

NOTARIES

Certification of documents. E. Kurdover. Sov. iust. no. 17 29 S '61.

Kalenov, IU. A. [Certification of the power of attorney and attestation of signatures] Udostoverenie doverennosti i zasvidetel'stvovanie podlinnosti podpisei grazhdan. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 119 p.
(CLL)

NOVAYA LYALYA DISTRICT

Wenlockian Pentameroides from the Central Urals V. P. Sapel'nikov. Paleont. zhur no 1 102-107 '61.

NOVGOROD—HISTORY—CHRONOLOGY

Reply to B. A. Rybakov. A. V. Artsikhovskii. Sov. arkheol. 5 no. 3 122-136 '61

NOVGOROD (DUCHY)—COMMERCE—HANSEATIC LEAGUE

History of commercial contacts with the Hanseatic League, the import of precious metals to Novgorod [with summary in German] A L Khoroshkevich Sred veka no 20 98-120 '61

NOVGOROD PROVINCE—COMMUNITY CENTERS

The party's strong points. S. Ivanov. Sov. profsoiuzy 17 no. 18:29-36 S '61.

NOVOCAINE

Novocaine diathermy electrophoresis in the compound treatment of lumbosacral radiculitis. M L. Smolenskii Voen -med zhur no. 5 84 My '61

Use of small concentrations of a novocaine solution in treating chronic gastritis. E I Belkiev Voen -med zhur no 6 77 Je '61

NOVOKHOPERSK—FIRE DEPARTMENTS

Best in the whole province. A. Artem'ev, P Mel'nikov Pozh. delo 7 no. 8 20 Ag '61.

NOVOKUZNETSK—ALUMINUM INDUSTRY

The Kulibin of our plant. N. Sazonov. Izobr i rats. no 9 22 S '61

NOVO-ORSK DISTRICT—ALCOHOLISM

Drinking leads to the neglect of duty. A. I. Glukhov. Uchet i fin. v kolkhoz. i sovkhoz. 18 no 8,24-26 Ag '61

NOVO-POKROVKA DISTRICT—BOOKSELLERS AND BOOKSELLING

Let the writers help the saleslerks N. Seredin. Koop. Kazakh. 4 no. 4:16 Ap '61.

NOVOSIBIRSK—ARCHITECTURE

Color composition in architecture of the central thoroughfare in Novosibirsk and Barnaul V P Borzot Izv vys. ucheb. zav., stroi i arkhit 4 no 4 148-160 '61

NOVOSIBIRSK PROVINCE—AGRICULTURE

Vsesoiuznaia akademiia sel'skokhoziaistvennykh nauk imeni V. I. Lenina. [Farm management system in Novosibirsk Province, materials of the outsession of the Lenin All-Union Academy of Agricultural Sciences, Novosibirsk, July 20th-August 2d, 1958] O sisteme vedeniia sel'skogo khoziaistva v Novosibirskoi oblasti; materialy vyezdnoi sessii Akademii 29 iiulia-2 avgusta 1958 goda g. Novosibirsk. [Novosibirsk] Novosibirskoe knizhnoe izd-vo.
Vol. 3. 1959. 401 p.
(DA)

NOVOSIBIRSK PROVINCE—FARM BUILDINGS

Arched buildings of rectolinear factory-made elements. P. Protsenko, I. Litvinenko. Sel'. stroi. 16 no 7-14-15 Jl '61.

NOVOSIBIRSK PROVINCE—RHIZOSPHERE MICROBIOLOGY

Distribution of Azotobacter in the rhizosphere of wild plants in some soils of the Altai Territory and Novosibirsk Province. N. N. Naplekova. Izv. Sib. otd AN SSSR no. 8:110-115 '61.

NOVOSIBIRSK PROVINCE—WORLD WAR, 1939-1945

Participation of the Communist Youth Leaguers and young workers of Novosibirsk Province in the organization of nation-wide help to field forces during the Great Patriotic War. E. D. Pavlova. Uch. zap. TGU no. 37. 197-208 '59.

NOVO-SINEGLAZOVO—REINFORCED CONCRETE

Prefabricated elements supply center for pipeline construction in the East. I. V. Pustiakov. Stroi. truboprov. 6 no. 7.3-4 Jl '61

NOVOVOLYNSK—EFFICIENCY, INDUSTRIAL

Great power of the living word. B. Viktorov. Nauka i zhyttia 10 no. 3 5-8 Mr '60

NOVOZYBKOV—CANNING INDUSTRY

Our obligations. N. D. Popov. Kons. i ov. prom. 16 no. 7 10 Jl '61

NOVOZYBKOV—CANNING INDUSTRY—EQUIPMENT AND SUPPLIES

Mechanization of canned food transportation. N. D. Popov. Kons. i ov. prom. 16 no. 9 27 S '61

NOVYE SENZHARY—MINERAL WATERS

Compound treatment of chronic gastritis at the Novye Senzhary Sanatorium. G. T. Khestanov, A. I. Mal'tsev, I. G. Chernov. Voen.-med. zhur. no. 6-78 Je '61.

NOVYY LIPETSK—SLAG

Obtaining slag "pumice" in an experimental tilting basin at the Novyy Lipetsk metallurgical plant. I. N. Reznikov, S. M. Terekhov. Stroi. mat. 7 no. 8 27-29 Ag '61

NUCLEAR COUNTERS—TESTING

Determining the resolving time of a counter. V. M. Prokhorov. Izm. tekh. no. 9:42-43 S '61.

NUCLEAR ENGINEERING

[Nuclear engineering abroad.] Atom. tekh. za rub. 5 no. 8 Ag '61.

[Nuclear engineering abroad.] Atom. tekh. za rub. 5 no. 9 S '61.

NUCLEAR FISSION

Dependence of the angular distribution of fission fragments on the spin of the target nucleus [with summary in English]. V. M. Strutinskii. Zhur. eksp. i teor. fiz. 40 no. 3:933-935 Mr '61

Nuclear fission by means of μ-mesons. D. F. Zaretskii, V. M. Novikov. Zhur. eksp. i teor. fiz. 40 no. 3 982-983 Mr '61.

Physics of the fission of atomic nuclei. V. P. Elagnont. Vest. AN SSSR 31 no. 8 118-120 Ag '61.

NUCLEAR FUELS

Martin, F. S., and G. L. Miles. [Chemical processing of nuclear fuels. Translated from the English. Preface by N. P. Galkin] Khimicheskaia pererabotka iadernogo topliva. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 284 p.

NUCLEAR FUSION

Nuclear fusion. V. S. Emel'ianov. Nauka i zhizn' 28 no. 7:22-28 Jl '61

NUCLEAR MAGNETIC RESONANCE AND RELAXATION

Calculating the sensitivity of electronic circuits for detecting signals of nuclear magnetic absorption. S. S. Kurochkin. App. dila iad. spek. no. 1:116-125 '60.

$Cl^{35}(n, p)$ reaction and the neutron resonance parameters of chlorine [with summary in English]. IU. P. Popov, F. L. Shapiro. Zhur. eksp. i teor. fiz. 40 no. 6:1610-1614 Je '61

Investigation of solid solutions of certain organic compounds by the nuclear quadrupole resonance method. E. I. Fedin, A. I. Kitaigorodskii. Kristallografiia 6 no. 3 406-412 My-Je '61.

Kinetics of cooperative processes. Temperature dependence of the relaxation properties of simplest cooperative systems (Ising model). IU. IA. Gotlib. Fiz. tver. tela 3 no. 7:2170-2182 Jl '61.

Nuclear magnetic resonance in elastically deformed rock salt [with summary in English]. V. V. Lemanov. Zhur. eksp. i teor. fiz. 40 no. 3:775-778 Mr '61.

Nuclear relaxation caused by local electron centers. L. L. Buishvili. Fiz. tver. tela 3 no. 8:2451-2454 Ag '61.

Properties of semiconductors with extremum loops. Part 6. Angle dependence of combination resonance in a high magnetic field. E. I. Rashba, V. I. Sheka. Fiz. tver. tela 3 no. 8:2369-2376 Ag '61.

Theory of spin-lattice relaxation in radicals in fluids [with summary in English]. I. V. Aleksandrov, G. M. Zhidomirov. Zhur. eksp. i teor. fiz. 40 no. 6:1720-1724 Je '61

Variation of the multiplet nature of the spectrum of quadrupole nuclear resonance in solid CCl_4. V. S. Grechishkin, IU. G. Svetlov, G. B. Soifer. Fiz. tver. tela 3 no. 8:2390-2393 Ag '61

NUCLEAR MODELS

Calculation of the probabilities of γ-transitions of the M 3 type and of forbidden second order β-transitions in the Nilsson model [with summary in English]. D. Bogdan. Zhur. eksp. i teor. fiz. 40 no. 3:801-808 Mr '61.

Free electron model applied to the thiophene molecule. T. N. Rekasheva. Opt. i spektr. 11 no. 2:284-286 Ag '61.

Model of local field theory with finite charge renormalization [with summary in English]. B. M. Barbashov, G. V. Efimov. Zhur. eksp. i teor. fiz. 40 no. 3:848-859 Mr '61

NUCLEAR MOMENTS

Determining the nuclear magnetic moment of Na^{23} from the hyperfine structure of the D_1 and D_2 absorption lines. V. Draganescu. Opt. i spektr. 10 no. 3:301-307 Mr '61

Determining the nuclear magnetic moment of the isotope Hg^{199} from the hyperfine structure of the HgI 5461 Å line. I. I. Agirbiceanu and others. Opt. i spektr. 10 no. 3:297-300 Mr '61

NUCLEAR REACTIONS

Analysis of the angular distribution of reaction products in light nuclei [with summary in English]. B. L. Birbrair. Zhur. eksp. i teor. fiz. 40 no. 3:895-897 Mr '61.

Angular correlations in statistical nuclear reactions [with summary in English]. V. M. Strutinskii. Zhur. eksp. i teor. fiz. 40 no. 6:1794-1802 Je '61

Anisotropy of the angular distribution of particles in nuclear interactions at energies $\sim 10^{12}$ ev. N. Votruba and others. Zhur. eksp. i teor. fiz. 40 no. 3 876-879 Mr '61

$Cl^{35}(n, p)$ reactions and the neutron resonance parameters of chlorine [with summary in English]. IU. P. Popov, F. L. Shapiro. Zhur. eksp. i teor. fiz. 40 no. 6:1610-1614 Je '61

Classification of two-component fermions and the analogy between weak and electromagnetic interactions. E. M. Lipmanov. Izv. vys. ucheb. zav.; fiz. no. 3:140-146 '61

Cu^{64} levels excited in the reaction $Ni^{64}(p, n\gamma)Cu^{64}$. A. K. Val'ter and others. Izv. AN SSSR. Ser. fiz. 25 no. 9 1127-1130 S '61.

Dependence of the probability of gamma-radiation of nuclei on the moments of state involved in transitions. M. E. Volkhanskii. Izv. vys. ucheb. zav., fiz. no. 3:103-108 '61

Effect of the refraction of an antiproton beam on the absorption cross section in nuclei. IU. D. Fivelskii. Izv. vys. ucheb. zav., fiz. no. 3:76-79 '61

Electromagnetic corrections to weak interactions [with summary in English]. I. F. Ginzburg, V. V. Serebriakov. Zhur. eksp. i teor. fiz. 40 no. 6 1738-1745 Je '61

Excited states of Li^7 involving energies up to 9 Mev. V. G. Shevchenko, B. A. Iur'ev. Izv. AN SSSR. Ser. fiz. 25 no. 9 1146-1148 S '61.

Expressing the amplitude of the $2\pi \to N\bar{N}$ reaction in terms of the phases of $\pi - \pi$ and $\pi - N$ scattering [with summary in English]. I. A. Terent'ev, F. M. Kuni. Vest. LGU 16 no. 16:5-18 '61

Hypothesis of the preservation of the vector current and the global symmetry of weak interactions. E. M. Lipmanov. Zhur. eksp. i teor. fiz. 40 no. 3,980-981 Mr '61

Marshak invariance and four-fermion interaction [with summary in English]. Kh. Yiglane. Zhur. eksp. i teor. fiz. 10 no. 3,782-783 Mr '61

Measuring the angular distribution for the $Al^{27}(p, p')Al^{27*}$ reaction with the aid of a magnetic analyzer when E_p=6.6 Mev. S. S. Vasil'ev, E. A. Romanovskii, G. F. Timushev. Zhur. eksp. teor. fiz. 40 no. 3:972-973 Mr '61.

Measuring the polarization of γ-rays from the reaction $Si^{30}(p, \gamma)P^{31}$. P. M. Tutakin. Izv. AN SSSR. Ser. fiz. 25 no. 9:1131-1134 S '61.

Ne^{22} levels excited in the reaction $F^{19}(\alpha, p)Ne^{22}$. A. M. Romanov, E. V. Miakinin, M. P. Konstantinova. Izv. AN SSSR. Ser. fiz. 25 no. 9 1135-1137 S '61.

Neutron polarization in the $C^{12}(d, n)N^{13}$ reaction [with summary in English]. I. I. Levintov, I. S. Trostin. Zhur. eksp. i teor. fiz. 40 no. 6:1570-1571 Je '61

Note on the possibility of determining reduced level widths from polarization phenomena in direct nuclear reactions. G. L. Vysotskii. Izv. AN SSSR. Ser. fiz. 25 no. 9:1161-1162 S '61.

One possible method for investigating high-energy nuclear interactions. V. A. Tumanian. Izv. AN Arm. SSR. Ser. fiz.-mat. nauk 14 no. 3:149-161 '61.

Polarization phenomena arising in pair formation, taking the final dimensions of the nucleus into account. B. K. Kerimov, F. S. Sadykhov. Izv. vys. ucheb. zav.; fiz. no. 3:14-19 '61.

Probabilities of E2 and E1-transitions from certain excited states of Tb^{159}, Ho^{165}, and Tu^{169}. V. I. Popov. Izv. AN SSSR. Ser. fiz. 25 no. 9:1156-1160 S '61.

Properties of the lower states of Li^5 and Be^8 nuclei appearing in the decay of light nuclei. S. S. Vasil'ev, V. V. Komarov, A. M. Popova. Izv. AN SSSR. Ser. fiz. 25 no. 9:1117-1120 S '61.

Recurrent formulae in calculating the distribution moments of transition probabilities. O. S. Sil'd. Opt. i spektr. 11 no. 2:141-145 Ag '61.

Remarks on excited energy states of Ho^{166} and Cs^{134} odd-odd nuclei. L. F. Kalinkin, A. S. Meliоranskii, I. V. Estulin. Izv. AN SSSR. Ser. fiz. 25 no. 9,1124-1126 S '61.

Resonance diffraction of waves in lamellar inhomogeneous media [with summary in English]. I. V. Iogansen. Zhur. eksp. i teor. fiz. 40 no. 6 1838-1843 Je '61

Study of gamma-transitions in the $Co^{59}(p, n_1)Ni^{59}$ reaction [with summary in English]. A. K. Val'ter and others. Ukr. fiz. zhur. 6 no. 3 318-332 My-Je '61

Study of (n, 2n) reactions leading to the formation of isomers [with summary in English]. V. L. Olagolev, P. A. IAmpol'skii. Zhur. eksp. i teor. fiz. 10 no. 3 713-718 Mr '61.

Study of the $V^{51}(C^{12}, 2n)Cu^{61}$ reaction [with summary in English]. A. S. Karamian, A. A. Pleve. Zhur. eksp. i teor. fiz. 10 no. 6 1511-1512 Je '61

Successive interactions between heavy nuclei of primary cosmic radiation. IA. Perineg and others. Zhur. eksp. i teor. fiz. 40 no. 3 978-979 Mr '61

Suppression of two-meson annihilation in antiproton-proton interaction [with summary in English]. E. O. Okonov. Zhur. eksp. i teor. fiz. 40 no. 6:1728-1731 Je '61

NUCLEAR REACTORS

Dandurand, M. [Automatic control system of experimental nuclear reactors] Systemy avtomaticheskogo upravleniia eksperimental'nykh iadernykh reaktorov. Moskva, 1960. 7 p. (International Federation of Automatic Control, 1st International Congress, Moscow, 1960. [Doklady, no. 38)]

[MICROFILM]

Investigation of a system for the automatic control of the power level of a nuclear reactor [with summary in English]. A. V. Bondarenko and others. Inzh.-fiz. zhur. 4 no. 8:54-62 Ag '61

One numerical method of the solution of the reactor kinetics equation. M. V. Maslennikov. Zhur. vych. mat. i mat. fiz. 1 no. 3 470-480 My-Je '61.

Problem of nonstationary cooling of a limited volume of liquid [with summary in English]. G. D. Rabinovich. Inzh.-fiz. zhur. 4 no. 3 58-64 Mr '61.

NUCLEAR SPIN

Appearance of hypersound at the saturation level of paramagnetic resonance in crystals. U. Kh. Kopvillem, V. D. Korepanov. Fiz. tver. tela 3 no. 7,2014-2022 Jl '61

Dependence of the angular distribution of fission fragment on the spin of the target nucleus [with summary in English]. V. M. Strutinskii. Zhur. eksp. i teor. fiz. 40 no. 3:933-935 Mr '61.

Experimental verification of the $\Delta I = 1/2$ selection rule for lepton decay of K-mesons [with summary in English]. D. V. Niagu and others. Zhur. eksp. i teor. fiz. 40 no. 6:1618-1624 Je '61

Interaction of conductivity electrons induced by spin waves in a ferromagnetic [with summary in English]. S. V. Vonsovskii, M. S. Sviraskii. Zhur. eksp. i teor. fiz. 40 no. 6,1676-1681 Je '61

Nature of spin-lattice interaction in chromium corundum [with summary in English]. Part 1. G. M. Zverev. Zhur. eksp. i teor. fiz. 40 no. 6:1667-1671 Je '61.

Relativistically covariant relations of the polarization effects arising in the scattering of spin 1/2 particles [with summary in English]. G. V. Frolov. Zhur. eksp. i teor. fiz. 40 no. 3:943-945 Mr '61

Theory of elementary excitations in systems with anomalous spin background. A. E. Glauberman, I. V. Stasiuk. Fiz. tver. tela. 3 no. 7:2081-2086 Jl '61

Theory of spin-spin interactions in crystals containing rare earth ions. L. K. Aminov, A. K. Morocha. Fiz. tver. tela 3 no. 8,2480-2481 Ag '61.

Theory of unit-spin polarized particles. IU. A. Popov, IU. M. Loskutov. Izv. vys. ucheb. zav.; fiz. no. 3:20-27 '61.

NUCLEI, ATOMIC

Approximate dimensions of and bases in nuclear spaces. B. S. Mitiagin. Usp. mat. nauk 16 no. 4 63-132 Jl-Ag '61.

Calculation of the probabilities of γ-transitions of the M 3 type and forbidden second order β-transitions in the Nilsson model [with summary in English]. D. Bogdan. Zhur. eksp. i teor. fiz. 40 no. 3:801-808 Mr '61

Collective excitations of nonspherical nuclei. III. T. Grin', D. F. Zaretskii. Izv. AN SSSR. Ser. fiz. 25 no. 9:1169-1175 S '61.

Deformations of light nuclei [with summary in English]. IE. V. Lopin, B. I. Tishchenko. Ukr. fiz. zhur. 6 no. 3.291-296 My-Je '61.

Effect of collective excitations of the superfluid phase in atomic nuclei on the moments of inertia of the nuclei. B. B. Dotsenko. Izv. AN SSSR. Ser. fiz. 25 no. 9: 1149-1151 S '61.

g-Factors for collective and internal movements in Tb^{159} and Yb^{173} nuclei [with summary in English]. E. E. Berlovich, M. P. Bonits, M. K. Nikitin. Zhur. eksp. i teor. fiz. 40 no. 3:749-751 Mr '61.

Isotope masses and binding energies of nuclei in the region from strontium to ruthenium [with summary in English]. R. A. Demirkhanov, V. V. Dorokhov, M. I. Dzduia. Zhur. eksp. i teor. fiz. 40 no. 6:1572-1582 Je '61.

NUCLEI, ATOMIC (Continued)

Magnetic dipole transitions in even-even nuclei with quadrupole collective excitations [with summary in English] D. P. Grechukhin. Zhur. eksp i teor fiz. 40 no 6:1732-1737 Je '61

Marshak invariance and four-fermion interaction [with summary in English]. Kh Yiglane. Zhur eksp i teor fiz. 40 no 3 782-783 Mr '61

Pai. correlations and single-nucleon reduced level widths in nuclei. V. B. Belisev, B. N Zakhar'ev. Izv. AN SSSR. Ser. fiz. 25 no. 9:1152-1155 S '61.

Pairing forces and pair correlations in Tl^{206} and Bi^{210} nuclei [with summary in English]. L. A. Sliv, G A Sogomonova, IU. I. Kharitonov Zhur. eksp i teor fiz 40 no. 3:948-953 Mr '61.

Probability for an E 2-transition from the first 2+ level in spherical nuclei [with summary in English] IU. T. Grin'. Zhur. eksp. i teor fiz 40 no 3:784-785 Mr '61.

Rotational states of nonspherical even-even nuclei. V. I. Belisk, D. A. Zaikin. Izv. AN SSSR. Ser. fiz. 25 no. 9 1163-1168 S '61.

Self-absorption methods for determining the probabilities of transitions and the populations of levels [with summary in English]. S E. Frish, O P. Bochkova. Vest LGU 16 no. 16:40-58 '61

NUCLEIC ACID

Secretion of the epithelium of the collecting tubules under the influence of the antidiuretic hormone [with summary in English] T V Krestinskaia. Biul. eksp. biol. i med. 51 no. 5 7-11 My '61.

NUCLEONS

Scattering of K-mesons on nucleons in the case of large orbital momenta [with summary in English]. IU. P. Nikitin Zhur. eksp i teor. fiz 40 no 6:1856-1858 Je '61

Study by the photographic emulsion method of the interaction between 6 7 Bev protons and quasi-free nucleons [with summary in English]. K I Alekseeva and others. Zhur. eksp i teor. fiz 40 no 6,1625-1637 Je '61.

NUCLEOPROTEINS

Some results of a histochemical study of lymph nodes, the spleen, and the liver in experimental brucellosis. N. I. Tatishvili. Soob. AN Gruz. SSR 26 no. 5 607-614 My '61.

NUCLEOTIDES

Investigating the effect of irradiation by gamma rays and neutrons on the concentration of free nucleotides in tissues of the animal organism. E. A. Ivanitskaia. Radiobiologiia 1 no. 3:330-330 '61.

Kochetkov, N. K., I. V. Torgov, and M. M. Botvinik. [Chemistry of natural compounds; carbohydrates, nucleotides, steroids, proteins] Khimiia prirodnykh soedinenii; uglevody, nukleotidy, steroidy, belki. Moskva, Izd-vo Akad. nauk SSSR, 1961. 558 p.

NUCLEUS (CELLS) see Cell nuclei

NUMBERS, EULER'S see Euler's numbers

NUMBERS, PRIME

Almost prime numbers. N. I. Klimov. Usp. mat. nauk 16 no. 3:181-186 My-Je '61.

NUMBERS, THEORY OF

Algebraic analogs of some additive problems. B. M. Bredikhin Usp. mat nauk 16 no. 4:137-139 Jl-Ag '61.

More exact definition of the theorem of the finite difference for the function $\pi(x)$. T M. Bazhenova. Uch. zap Kuib. gos. ped. inst. no. 20:21-24 '59.

NUMISMATICS

Some problems relating to commerce in ancient Russia in the light of numismatic data [with summary in English]. V. M. Potin. Vest. ist. mir. kul't. no. 4:67-79 Jl-Ag '61.

NUMMULITES see subdivision under Black Sea region

NURA-TAU—MARBLE

Stratigraphic position of the marble series in the Ak-Tau of the southern branch of the Nura-Tau. G. S. Chikryzov, Kh. V. Ryskina. Trudy Uz. geol. upr. no. 1:12-17 '60.

NUREK HYDROELECTRIC POWER STATION

Attacking the desert. I. Nekhamkin. Nauka i zhizn' 28 no. 7:30-31 Jl '61.

NUREMBERG TRIAL OF MAJOR GERMAN WAR CRIMINALS, 1945-1946

"Nuremberg trial of the chief German war criminals." Collection of materials in 7 vols. Edited by R. A. Rudenko. Reviewed by F. Kamenskii Voen.-med. zhur. no. 6:83-85 Je '61.

NURSERY SCHOOLS

Discussion of new standard plans for children's institutions. Arkhit. SSSR no. 6:3 of cover '61.

New standard plans for consolidated children's institutions. N. Boikhina. Arkhit. SSSR no. 7:30-37 '61.

NURSING HOMES see subdivision under Moscow

NUTATION

Molodenskii, M. S., and M. V. Kramer. [Terrestrial tides and the nutation of the earth's axis] Zemnye prilivy i nutatsiia Zemli. Moskva, Izd-vo Akad. nauk SSSR, 1961. 39 p.

NYLON

Capron instead of nonferrous castings. V D. Antonenko Stroi. truboprov. 6 no 7,6 Jl '61

Miklashevskii, S. N., and K. D. Osipov. [Use of nylon parts for locomotives] Primenenie kapronovykh detalei na parovozakh, opyt depo Gomel' Belorusskoi zheleznoi dorogi. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 50 p.

Using capron in the shoe industry. A. Chakholan. Prom. Arm. 4 no. 8:63-65 Ag '61.

OAK

Growth and fruiting of trees as affected by meteorological conditions. A. A Molchanov Trudy Lab lesoved 3:5-50 '61.

OAK—DISEASES AND PESTS

Heather moth (Procris pruni Schiff.) as an oak pest in steppe forests of the Ukraine [with summary in English]. L. G. Apostolov. Zool. zhur. 40 no. 8 1254-1257 Ag '61.

Oak leaf roller in Voronezh Province [with summary in English]. N. N. Egorov, N. N. Rubtsova, T. N. Solozhenkina. Zool. zhur. 40 no. 8,1172-1183 Ag '61.

OATS

Oat groats and millet as raw material for manufacturing concentrated food. A. M. Prokof'eva. Trudy VNIIKOP no. 10:61-81 '59.

OB' RIVER—FISHERIES

The technique of estimating stocks of migratory fishes and the degree of their exploitation under river conditions. B. G. Iganzen, A. N. Gundrizer. Trudy sov. ikht. kom. no. 13 457-465 '61.

OB' RIVER—WHITEFISHES

Biological foundations of the regulation of whitefish catches in the Ob' Basin. V. N. Zlokozov. Trudy sov ikht. kom. no. 13:433-436 '61.

OB' VALLEY—CEDAR

Growth of cedar cultures in different conditions of lighting in the forest-steppe region of the Ob' Valley V. N. Gabeev. Izv. Sib. otd. AN SSSR no 7:121-124 '61

OB' VALLEY—DRAGONFLIES

Zoogeography of the upper Ob' Valley based on the distribution of dragonflies (Odonata, Insecta) B. F. Belyshev. Izv. Sib. otd. AN SSSR no. 8:93-104 '61

OBSTETRICS

Zhordania, I. F. [Handbook of obstetrics] Uchebnik akusherstva. Izd. 2., ispr. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1959. 642 p. (DNLM)

OBUKHOVA, NADEZHDA ANDREEVNA, 1886-1961

Warmhearted song. P. Chumak. Ogonek 39 no. 35,24 Ag '61.

OCCUPATIONS

Processing censuses of workers' vocational composition. I Matrozova. Biul. nauch. inform., trud i zar plata 4 no. 7 36-42 '61.

OCEAN

"The sea." Reviewed by D. V. Bogdanov. Priroda 50 no. 8:121-122 S '61.

OCEAN CURRENTS

(see also subdivision under Baltic Sea; Barents Sea; Norwegian Sea; Pacific Ocean)

Joint Moscow Seminar on the Dynamics of the Sea. V. S. Latun. Meteor. i gidrol. no. 9:65-66 S '61.

Methods of observing currents by the use of anchored buoys. V. A. Shirel. Meteor. i gidrol. no 9 48-50 S '61.

A survey of recent foreign research on the theory of ocean currents. P. S. Lineikin. Meteor. i gidrol. no. 9:51-56 S '61.

OCEAN TEMPERATURE

Estimating the accuracy of the work of bathythermograph and electrobathythermographs and their possible use in studying the surface layer of the sea. K. D. Sabinin, A. D. Shcherbinin. Trudy Inst. okean 40:184-188 '60.

OCEANOGRAPHIC RESEARCH

(see also subdivision under Pacific Ocean)

Conquering the blue continent. M Dionydov, O. Dmytriev. Znan. ta pratsia no. 7 1-3 Jl '61.

Horizontal turbulent diffusion of patches of foreign matter in the sea. R. V. Ozmidov. Trudy Inst. okean. 37: 184-191 '60.

Water masses and plankton. Report No. 1: Calanus finmarchicus s. l. species as indicators of definite water masses [with summary in English]. V. A. IAshnov. Zool. zhur. 40 no. 9:1314-1334 S '61.

OCEANOGRAPHY

(see also subdivision under Pacific Ocean)

Computation of mean gradients in the transition zone. V. P. Trenin. Trudy GOIN no. 63 95-103 '61.

Mean square value of level variations and its relation with some oceanological characteristics. O A. Vladimirov. Trudy GOIN no. 64 118-127 '61.

OCEANOGRAPHY—BIBLIOGRAPHY see Bibliography—Oceanography

OCHAMCHIRE DISTRICT—WORLD WAR, 1939-1945—ECONOMIC ASPECTS

Abshilava, Akakl. [Workers of the Ochamchire District in the Abkhazian A. S. S. R. during the Great Patriotic War, 1941-1945] Trudiashchiesia Ochamchirskogo raiona Abkhazskoi ASSR v gody Velikoi Otechestvennoi voiny (1941-1945). Sukhumi, Abgosizdat, 1960. 170 p. (MH)

OCTENE

Alkylation of thiophene with octylenes and decenes in the presence of sulfuric acid [in Azerbaijani with summary in Russian]. I. D. Sadykhov. Azerb. khim zhur no 6 51-57 '60

ODESSA—ART GALLERIES AND MUSEUMS

The Odessa Art Gallery. O. Karpenko Sots kul't no 8 6-7 Ag '61

ODESSA—CANNING INDUSTRY

Improving the process of pepper stuffing. V. A. TSaplin. Kons. i ov. prom 16 no. 6:15-16 Je '61.

ODESSA—CANNING INDUSTRY—EQUIPMENT AND SUPPLIES

Machine for washing re-usable glass containers. E. Kh. Rung, G. N. Semiakin, S. A Rassadina. Kons. i ov prom. 16 no 6,16-16 Je '61

ODESSA—EVENING AND CONTINUATION SCHOOLS

School and life. A. Cheitkov. Sov. profsoiuzy 17 no. 16 26-27 S '61.

ODESSA—MACHINE-TOOL INDUSTRY

Design of high-precision machine tools at the Odessa Machine-Tool Plant. N. M. Barshtak, Kh. L. Shikhel'man. Stan. i instr. 32 no. 9:27-30 S '61.

ODESSA—MOTION-PICTURE THEATERS

Wide-screen movie theater in Odessa. D. Gol'dberg, S. Rendino Stroi i arkhit. 9 no. 8,33 Ag '61.

ODESSA, BATTLE OF, 1941

Heroic defense of Odessa. Voen.-ist. zhur. 3 no. 8:127 Ag '61.

ODESSA DISTRICT—EROSION

Rock crumbling processes in Odessa region. V. V. Stepanov. Geog. zhir no 4:57-63 '61

ODESSA PROVINCE—AGRICULTURE—STUDY AND TEACHING

We train the future progressive workers of agriculture. S. S. Sai. Rud shk 40 no. 6-22-23 Je '61.

ODESSA PROVINCE—COLLECTIVE FARMS—INTERFARM COOPERATION

Accounting for expenditures in the intercollective farm construction organizations. L. M. Kramarovskii. 18 no. 9.28-34 S '61.

ODESSA PROVINCE—CONSTRUCTION INDUSTRY—ACCOUNTING

Accounting for expenditures in the intercollective farm construction organizations. L. M. Kramarovskii. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 9:28-34 S '61.

ODESSA PROVINCE—SOCIAL SCIENCES—STUDY AND TEACHING

Conference on theory and practice in Odessa. P. K. Malevanyi. Prep. ist v shkole 16 no 5:110-120 S-O '61.

ODESSA PROVINCE—STATISTICS

Odessa (Province) Oblastnoe statisticheskoe upravlenie. [Economy of Odessa Province; statistical collection] Narodnoe khoziaistvo Odesskoi oblasti; statisticheskii sbornik. Odessa, Gosstatizdat, 1960. 332 p.

OFFENSES AGAINST SOCIALIST PROPERTY

Do away with conditions which contribute to the pilfering of socialist property. M Nasybullin. Sots. zakon. 38 no. 9:67 S '61.

OFFSET PRINTING

New series of colors for four-color offset printing. D. A. Tiurikov and others. Poligr. proizv. no. 7:22-24 Jl '61.

Reproduction on "leatherine." M. P. Sazonova. Poligr. proizv. no. 7:18-20 Jl '61.

OGAREV, NIKOLAI PLATONOVICH, 1813-1877

Revolutionary and democratic ideas in Ogarev's poems published in the 1860's. L. I. Lenina. Sbor. trud. Arkh gos. ped. inst. no 3:123-130 '59.

OHMMETER

Attachment for a dual bridge. I G. Moroz. Energetik 9 no.4,25 Ap '61

OIL FIELD BRINES see subdivision under Apsheron Archipelago, Farab region

OIL FIELD BRINES—DENSITY see subdivision under United States

OIL FIELD FLOODING

Some results from the study of injection wells by the activated suspension method in a flooded area of the Kirmaki series 9-12 in the Oil Field Administration of the Azizbekov Azerbaijan Research Institute A. I Adamov, N. L TSvetkova Azerb neft khoz. 39 no. 2 21-23 F '60

OIL FIELDS see subdivision under Second Baku

OIL FIELDS—PRODUCTION METHODS
(see also subdivision under Apsheron Peninsula, Azerbaijan, Bashkiria; Bugul'ma, Koshkar, Gur'yev Province, Mashtagi region; Romashkino region, Stalzan' region)

Basic problems relative to the further improvement of petroleum production planning V P Kaufman. Neft khoz. 39 no 6;1-5 Je '61

Determination of current distribution in a system of grounding electrodes in a uniform and isotropic medium [in Azerbaijani with summary in Russian] Z. I Kiazimzade, I. A. Kuliev. Azerb neft. khoz. 40 no 6 44-45 Je '61

Determination of the minimum flowing bottom hole pressure of wells. A A Briskman, S V Safronov Neft khoz 39 no 6;38-42 Je '61

Determining the economic effectiveness of capital investments in the oil field industry. M I Manafov, N. K Gani-zade Azerb. neft. khoz 39 no. 2 12-14 F '60,

For the efficient programming of oil production B IA Gombiner. Azerb. neft khoz. 39 no 1 17-48 Ja '60

From the pages of local press. Neftianik 6 no 4 12 Ap '61.

Increasing the receptivity of injection wells by using surfactants V. M Barykhev, K A Karapetov, A S. Melikbekov. Neft. khoz 38 no 1 21-24 Ap '60

Mechanization and automatic control in the recovery of oil. Azerb. neft. khoz 40 no. 1 35, 41 Ja '61

Method of calculating the petroleum yield in output planning V. P Kaufman. Azerb neft. khoz 40 no 6 46-48 Je '61

More about creating a mobile focus of fire in a porous medium of a layer. K A. Oganov, S. A Mukovskii, N. N Kosarev Neft khoz 38 no 4 14-20 Ap '60

Petroleum production planning. B IA Gombiner Neft. khoz. 38 no. 4-28-30 Ap '60.

Planning the introduction of new techniques in the petroleum industry. M. I Manafov, N K. Gani-zade. Azerb neft. khoz. 40 no. 1, 45-46 Ja '61.

Practicability of the development of oil fields at high rates of oil recovery I G Permiakov, N S. Gudok Neft. khoz 39 no 6;33-38 Je '61

Some results of calculating the exploitation of gas and oil fields. M T Abasov, A. M. Kuliev. Azerb neft. khoz 40 no. 1 25-27 Ja '61.

State of deep pump exploitation and ways of improving it. A B. Suleimanov. Azerb. neft khoz 39 no 1 29-32 Ja '60

Study of the intake capacity of wells. F. S. Abdulin, I. A. Fakhreev Neft khoz. 39 no 6 45-50 Je '61

OIL HYDRAULIC MACHINERY

Ananiev, S. L., and M. A. Elizavetin. [Manufacture of hydraulic drives] Proizvodstvo gidravlicheskikh privodov. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 125 p. (Novaia tekhnika i peredovye metody truda)

Use of a friction clutch for blocking a reversive hydraulic marine transmission system. IU. S. Leites Izv vys ucheb zav ; energ 4 no 8 110-117 Ag '61

OIL INDUSTRIES see subdivision under Andizhan; Katta-Kurgan; Uzbekistan

OIL INDUSTRIES—EQUIPMENT AND SUPPLIES

Testing worm shafts of new design for MP-21 presses. B A. Kats and others. Masl -zhir. prom. 27 no 8 44-46 Ag '61.

OIL POLLUTION OF RIVERS, HARBORS, ETC. see subdivision under Tatar A. S. S. R.

OIL RESERVOIR ENGINEERING
(see also subdivision under Azerbaijan)

Aliev, E. Sh., and K. V. Vinogradov. [Determining the saturation pressure of formation oil directly on a bottom] Opredelenie davlenita nasyshchenita plastovoi nefti neposredstvenno na zaboe skvazhiny. Baku, Azerbaidzhanskoe gos. izd-vo neft. i nauchno-tekhn. lit-ry, 1960. 95 p.

Establishing permissible depressions in a bed in dissolved-gas drive. G. A. Mamedov. Azerb neft khoz. 39 no. 1;24-25 Ja '60.

Formation oil and a study of its properties V. N Mamuna, B V Ul'ianinskii Neftianik 5 no 6 27-29 Ag '60

From the letters to the editor, survey of articles on petroleum recovery Neftianik 6 no 1 25-26 Ap '61

Guseinov, G. P. [Hydrodynamics of a petroleum layer] Nekotoryye voprosy gidrodinamiki neftianogo plasta Baku, Azergaidzhanskoe gos. izd-vo, 1961. 230 p.

Investigating the effect of filter clogging and silting on the yield of wells A F Kasimov, T D. Dadasheva Dokl AN Azerb SSR 17 no 5,463-466 '61

Investigating the matrix of an infinite system occurring in the solution of stationary problems of the theory of filtration for elliptical layers with large-radius wells S A Manasian Dokl AN Azerb SSR 17 no 6,457-461 '61

Oil recovery from water-free and watered oil wells in the Sub-Kirmaki series of the Khorasany and Ramany areas in fields of the Oil Field Administration of the Lenin Petroleum Trust A. A Dzhavadov, I N Golina Azerb neft khoz 40 no 1;28-30 Ja '61

OIL SANDS—ELECTRIC PROPERTIES

Relationship between the reservoir properties and the electrical resistivity of fractured rocks I I Gorbunov, L A Molotkov Trudy VNIGRI no 165;237-247 '61

OIL SANDS—PERMEABILITY
(see also subdivision under Bashkiria, Chechen-Ingush A. S. S. R., Irkutsk Province, Kamchatka, Minusinsk Basin)

Method of studying the jointing of rocks. V. K Gromov. Trudy VNIGRI no. 165, 79-95 '61

Method of studying the reservoir properties of fractured rocks E S Romm Trudy VNIGRI no 165 5-28 '61

Relative permeability of oil reservoirs [in Azerbaijani with summary in Russian] A A Abdullaeva, N D Pairov Azerb. neft khoz 40 no 6 19-21 Je '61.

OIL SHALES

Behavior of iron sulfides in combustible shales in thermal processes I K Iliarionov Izv vys ucheb zav., geol i razv 4 no 7 104-109 Jl '61

OIL WELL CASING

Don't allow waste of casing pipes M Zaitsev Neftianik 6 no 4 25 Ap '61

OIL WELL CEMENTING

Determination of the setting periods of quick-setting cement mixtures A A. Gnivoroshkii Neftianik 5 no 8 6-8 Ag '60

Determining the ascending velocity of cement slurry in annular space G M. Gevorkian M N Makhmudov Azerb. neft khoz 40 no 1 15-18 Ja '61

Effect of aggressive waters on portland and cinder-sand plugging cements A I Bulatov, E K Machinskii Neft khoz. 39 no. 6,28-31 Je '61

New organization of plugging work Neft khoz. 38 no 4 50 Ap '60.

Possibility of using Azerbaijan "air-entrained" perlite in the preparation of quick-setting pastes for plugging drilling fluid outlets A M Avanesova, A I Mamedov, N M Dzhabarova Azerb neft khoz 39 no. 1 22-23 Ja '60

Study of the use of limestone as a filler in cement solutions A. I Berezhnoi Neft khoz 39 no 6;24-28 Je '61

OIL WELL CEMENTING—EQUIPMENT AND SUPPLIES

New cementing plug. Sh. Z. Akhmedov. Azerb. neft. khoz. 39 no. 2,19-20 F '60

OIL WELL DRILLING
(see also subdivision under Baku region, Emba Valley; Groznyy Province, Peschanyy Island)

Air drilling V D Veremeenko, G. A. Poliakov, G T. Ovnatanov Neftianik 6 no 4 7-9 Ap '61

Cause of cavern formation in well drilling [in Azerbaijani with summary in Russian] A. A. Shamsiev Izv AN Azerb SSR, Ser fiz. -mat i tekh nauk no 6 151-153 '60

Economic calculations in the sinking of wells. M. K. Zaitsev. Neft khoz 38 no 4 51-52 Ap '60

Increasing the efficiency of bits in deep turbodrilling. G. N Dzhalil-zade and others. Neft khoz 39 no 6; 6-11 Je '61

One cause of the collapse of casing pipes in the process of being lowered into a well [in Azerbaijani with summary in Russian] A A Shamsiev, N. B. Babaiev, G M. Finkel'shtein Izv AN Azerb SSR, Ser. fiz. -mat. i tekh nauk no 6 159-161 '60

Possibilities of increasing the footage drilled per bit. F. Zenkov. Neftianik 5 no. 8 29-30 Ag '60

Practices in drilling deep inclined wells with efficient profile. N. B. Babaev. Azerb. neft khoz. 39 no. 2 13-16 F '60.

Study of the unsteady operation of a turbodrill and its drilling rate V. L Il'skii. Neft khoz. 39 no 6, 11-18 Je '61.

OIL WELL DRILLING, SUBMARINE
(see also subdivision under Caspian Sea; Neftyanyye Kamni region)

Determining the carrying capacity of casing-grouting pilings. E. S. Krongol'd. Azerb. neft. khoz. 39 no. 2, 35-37 F '60.

OIL WELL DRILLING, SUBMARINE—EQUIPMENT AND SUPPLIES

Calculation of the carrying capacity of combined casing-grouting pilings F. S. Krongol'd, A. N. Dadashev Azerb neft khoz 40 no 1 39-41 Ja '61

OIL WELL DRILLING FLUIDS
(see also subdivision under Chechen-Ingush A. S. S. R., Georgia)

Distortion of gamma-ray logging curves resulting from lost circulation B. M Listengarten Azerb neft khoz 40 no 1 11-12 Ja '61

Possibility of using weighting agents N M. Shersinev, G N Protasov, K. A Askerov Azerb neft. khoz 40 no 6 14-16 Je '61

Study of the effect of the parameters of drilling fluids on the operation of a turbodrill IU. V. Sadykhov, Azerb. neft khoz 39 no 2 16-19 F '60

OIL WELL LOGGING, RADIATION
(see also subdivision under Apsheron Peninsula)

Determination of the dynamic fluid level in the casing space by radiometry B. M Orlinskii, A N Berezaev Neft khoz 39 no 6 42-45 Je '61

OIL WELL PUMPS
(see also subdivision under Azerbaijan; United States)

Automatic regulation of the operation of a hydraulic piston pump V Petrov Neftianik 5 no 8 20 Ag '60

Automatic tensioning of the D Sh Gaziev Neftianik 5 no 8 18 Ag '60

Effect of gas on the operation of a deep well pump N N Repin Neft. khoz 38 no 1 26-28 Ap '60

Results of the study of the effect of gas on the operation of a deep well pump N V Zubkov. Neft khoz 39 no 6 52-57 Je '61

Standard pickups for mechanical remote control of pumps. G. K. Lomonos Prikaspiiskoie no. 8, 32-3 of cover Ag '61.

OIL WELL PUMPS—TECHNOLOGICAL INNOVATIONS

The inventor expected support R. Bakhtamov Izobr i rats no 9 28 S '61

OIL WELLS

Dewaxing of oil wells by the rapid physicochemical method. A. S. Suleimanov Azerb khim zhur no 3 107-113 '60

Errors in the form of dynamograms of teledynamometric systems A I Abrukin Neft. khoz 39 no 6;50-54 Je '61

Experimental setup to determine the cohesive force between concrete and the walls of a well, taking temperature and pressure into account M A Abdinov Izv AN Azerb SSR Ser fiz -mat i tekh. nauk no 6 155-158 '60

Isothermal crystallization of alkaline oil well waters. P. F Rza- Zade, P. G Rustamov Azerb khim zhur no 1, 77-83 '61

Oxidation of bromine ions in concentrated oil well water by the electrochemical method S P Tevosov, O V. Andretko Azerb. khim zhur. no. 2;141-148 '60

Solubility of gypsum in oil well waters P. F. Rza-Zade, P. G. Rustamov. Azerb. khim. zhur. no 4,89-94 '60

Teledynamometering of beam wells G M. Novruzov, IU. I Krotkov. Azerb neft khoz. 40 no 6 30-31 Je '61.

OIL WELLS—EQUIPMENT AND SUPPLIES

Designing a plunger lift N A Gukasov, A. M. Pirverdian Azerb. neft khoz. 40 no 6 28-30 Je '61

OIL WELLS—EQUIPMENT AND SUPPLIES—REPAIRING

Safe repair of oil wells from the derricks with the help of a tractor-mounted hoist. B A Kostin, A. I. Shpilevoi, A. I. Barkhudarov. Bezop. truda v prom. 5 no. 8; 21-22 Ag '61.

OIL WELLS—HYDRAULIC FRACTURING

Large-scale introduction of hydraulic fracturing in oil fields V I. Krivosheev and others. Neft. khoz. 38 no. 4-8-14 Ap '60

Preparation of special emulsions for hydraulic fracturing. V. A. Sidorovskii. Neftianik 5 no. 8;8-9 Ag '60

OIL WELLS—MAINTENANCE AND REPAIR

Attachments for tightening the work of repairing wells. V. Derkach Neftianik 5 no. 8 21 Ag '60.

Combined method for repairing injection wells E. A. Voroshilov, G. K. Mamedov. Neftianik 5 no 8 9-10 Ag '60

Improvements in the overhauling of wells. A. I Vasil'ev. Neftianik 5 no 8 19-20 Ag '60.

Organization of work in underground repairing of oil wells. G G Gadzhiev, I G. Iskenderov Neftianik 6 no 4 11-12 Ap '61.

OILS AND FATS
(see also subdivision under Urgench)

New types of fats used in the concentrated food industry E G Chinenova, M I Minkvits Trudy VNIIKOP no. 10;163-172 '59

Rapid gravimetric determination of sediments in oil and micelle Masl. -zhir. prom 27 no. 8;33-34 Ag '61

OILS AND FATS (Continued)

Separation of gossypol from prepressed oils and micellas with anthranilic acid. V. P. Rzhekhin and others. Masl.-zhir. prom. 27 no. 8:26-29 Ag '61.

OLUNKII, PLATON ALEKSEEVICH, 1896-

"Platon Alekseevich Olunskii; on his 65th birthday." Reviewed by V. A. Kuklina, V. G. Odnokov. Izv. Sib. otd. AN SSSR no. 7:133-134 '61.

OKOTI-EBO, FESTUS SAMUEL, 1912-

Festus Samuel Okoti-Ebo. Nov. vrem. 10 no. 36:13 S '61.

OLD-AGE PENSIONS

New laws and regulations enacted by the ministries and governmental agencies of the U.S.S.R. and the Union Republics. Sots. zakon. 18 no. 9:80-84 S '61.

Transfer from one to other form of old-age pension. O. Vinogradova. Sov. trud. no. 17:21-25 S '61.

OLD BELIEVERS see subdivision under Leningrad

OLFACTOR

Seed formation in the oleaster pollinated by different methods. M. A. Mikailov. Dokl. AN Azerb. SSR 17 no. 6:501-505 '61.

OLEFINS

Activity of oxide catalysts in the conversion of gas concentrate to unsaturated hydrocarbons [in Azerbaijani with summary in Russian]. Z. G. Zul'fugarov, Z. A. Guseinova, G. I. Alimardanov. Azerb. khim. zhur. no. 4:75-82 '60.

Catalytic alkoxymethylchlorination of olefins. Shamkhal Mamedov, O. B. Osipov, Kh. M. Alieva. Azerb. khim. zhur. no. 4:83-91 '60.

Catalytic alkylation of cyclohexane and methylcyclohexane with olefins. S. D. Mekhtiev, A. Sh. Novruzova, S. M. Sharifova. Azerb. khim. zhur. no. 5:9-15 '60.

Copolymerization of ethylene with α-olefins on a chromium oxide catalyst. M. A. Dalin and others. Azerb. khim. zhur. no. 2:9-16 '61.

Free radical addition of carboxylic acids to α-olefins. G. I. Nikishin, Yu. N. Ogibin, A. D. Petrov. Izv. AN SSSR Otd. khim. nauk no. 8:1487-1495 Ag '61.

Heterogeneous catalytic hydrogenation of olefinic compounds (in connection with an investigation). V. A. Gulupov. Zhur. fiz. khim. 35 no. 8:1874 Ag '61.

Hydrofining of kerosine-gas-oil fractions of the secondary recovery. M. A. Mardanov, S. A. Sultanov, S. G. Mirzoitskaia. Azerb. khim. zhur. no. 5:3-8 '60.

Reactions between olefin oxides and calcium and sodium hypochlorites. Z. A. Alizade. Azerb. khim. zhur. no. 4:63-68 '60.

Synthesis of diatomic alcohols by the hydroxylation of olefins with hydrogen peroxide. S. D. Mekhtiev, A. A. Bakhshi-Zade, S. I. Mekhtiev. Azerb. khim. zhur. no. 6:33-38 '60.

OLENOGORSK—MAGNETIC SEPARATION OF ORES

Industrial testing of new flowsheets for the treatment of magnetic concentrates at the Olenogorsk Plant. L. T. Ozolin, M. N. Kazennov. Obog. i rud. 6 no. 1:3-9 '61.

OLESK DISTRICT—POTTERY, PRIMITIVE

Pottery of the ancient Pleseask. M. P. Kucherа. Arkheologiia. 12:143-154 '61.

OLIVE OIL

Olive oil. V. Ivanova. Obshchestv. pit. no. 7:41 Jl '61.

OL'KHOVSKII, P.

Bugle in a short story ("The roll call", a story by P. Ol'khovskii. Reviewed by V. Moiseev). Komm. Vooruzh. Sil. 1 no. 2:92-93 Ja '61.

OLONETS GOVERNMENT—LAND TENURE

Filippov, R. V. [The Reform of 1861 in the Olonets Government] Reforma 1861 goda v Olonetskoi gubernii. Petrozavodsk, Gos. izd-vo Karel'skoi ASSR, 1961. 223 p.

OMSK PROVINCE—BUILDING MATERIALS INDUSTRY

Plan for a single construction supply center in the Omsk Economic District. G. Malkov, A. Safonov. Na stroi. Ros. no. 7:24-25 Jl '61.

OMSK PROVINCE—CORN (MAIZE)

Effect of some methods of seed treatment before planting on the ripening and yield of corn in the southern forest-steppe zone of Omsk Province. E. K. Levchenko. Trudy OmSKhI 43:65-72 '61.

Harvesting time and the quality of corn seeds in the Omsk region. N. A. Holiavko. Trudy OmSKhI 43:59-64 '61.

OMSK PROVINCE—POISONOUS PLANTS

Poisonous plants in grass stands of Omsk Province. N. A. Plotnikov, G. P. Masalkina. Trudy OmSKhI 43:33-48 '61.

OMSK PROVINCE—THUNDERSTORMS

Thunderstorms and heavy showers in Omsk Province. A. I. Erofeeva. Sbor. rab. po sinop. no. 5:42-56 '60.

OMSK PROVINCE—VOCATIONAL EDUCATION

Our teachers and foremen. A. Okushko. Prof.-tekh. obr. 18 no. 5:27 My '61.

ONEGA VALLEY—GEOLOGY, STRATIGRAPHIC

Deviatova, E. I. [Stratigraphy of Quaternary sediments and paleogeography of the Quaternary period of the Onega Basin] Stratigrafiia chetvertichnykh otlozhenii i paleogeografiia chetvertichnogo perioda v basseine reki Onegi. Moskva, Izd-vo Akad. nauk SSSR, 1961. 88 p.

ONEGA VALLEY—PALEOGEOGRAPHY

Deviatova, E. I. [Stratigraphy of Quaternary sediments and paleogeography of the Quaternary period of the Onega Basin] Stratigrafiia chetvertichnykh otlozhenii i paleogeografiia chetvertichnogo perioda v basseine reki Onegi. Moskva, Izd-vo Akad. nauk SSSR, 1961. 88 p.

ONIONS

(see also subdivision under Siberia)

Biochemistry of the Welsh onion. G. V. Fedorov. Trudy OmSKhI 13:93-98 '61.

ONIONS—DISEASES AND PESTS

New remedy against onion and garlic pests. V. Fremenko, S. Minge. Sov. torg. 31 no. 8:57-58 Ag '61.

ONTOGENY

Session of the Geological Society of France devoted to the ontogeny of invertebrates. D. M. Rauzer-Chernousova. Paleont. zhur. no. 1:166-169 '61.

ONUFRIYEVSKIY DISTRICT—MOUNDS

Excavations of a new Neolithic necropolis in the Ukraine. D. IA. Telegin. Ukr. ist. zhur. 5 no. 5:171-172 S-O '61.

OOLITE

Ore oolite formation during the accumulation of products of mud volcanism. V. F. Malakhovskii. Dokl. AN SSSR 139 no. 5:1214-1217 Ag '61.

OPEN AND CLOSED SHELVES

Let's improve our work with readers. V. Makeieva, V. Pashkovych. Sots. kul't. no. 8:36-37 Ag '61.

OPEN-HEARTH FURNACES—DESIGN AND CONSTRUCTION

Olks, G. N., ed. [Metallurgy of steel: the open-hearth process, design and equipment of open-hearth furnaces and plants] Metallurgiia stali: martenovskii protsess; konstruktsii i oborudovanie martenovskikh pechei i tsekhov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 448 p.

OPEN-HEARTH FURNACES—EQUIPMENT AND SUPPLIES

High capacity bunker with a mechanical gate. Sbor. rats. predl. vnedr. v proizv. no. 5:12-13 '60.

Operation of open-hearth furnaces on natural gas. A. D. Prikhozhenko. Metallurg 6 no. 8:10-13 Ag '61.

OPEN-HEARTH FURNACES—MAINTENANCE AND REPAIR

Ramming the bottom of open-hearth furnaces with dolomite powder. G. Ziuptiis, B. Podzinuen. Metallurg 6 no. 8:16-20 Ag '61.

Systematizing the repair of open-hearth furnaces. I. D. Vikhrev. Metallurg 6 no. 8:13-15 Ag '61.

Work practices of foreman D. M. Bartolish. M. I. Esin, V. V. Makhrushin. Metallurg 6 no. 8:32 Ag '61.

OPEN-HEARTH PROCESS

Shnegerov, IA. A., ed. [Converting phosphorus cast iron in open-hearth furnaces] Peredel fosforistykh chugunov v martenovskikh pechakh. Moskva, Gos. nauchno-tekhn. izd-vo po chernoi i tsvetnoi metallurgii, 1961. 256 p.

OPERA see subdivision under Sverdlovsk

OPERA—DRAMATURGY

Markov, P. A. [V. I. Nemirovich-Danchenko as a stage director in the musical theater] Rezhissura Vl. I. Nemirovicha-Danchenko v muzykal'nom teatre. Moskva, Vseros. teatral'noe obshchestvo, 1960. 408 p.

OPERAS—STORIES, PLOTS, ETC.

[Fifty operas; stories of their origin, plots, and the music] 50 oper; istoriia sozdaniia, siuzhet, muzyka. Izd. 2, Leningrad, Sovetskii kompozitor, 1960. 327 p.

OPERATIONAL CALCULUS see Calculus, Operational

OPERATIONS RESEARCH

Operations research. IU. G. Mil'gram. Vest. Vozd. Fl. no. 7:31-34 Jl '61.

OPERATORS (MATHEMATICS)

Boundedness of isometric J-operators. I. S. Iokhvidov. Usp. mat. nauk 16 no. 4:167-170 Jl-Ag '61.

Construction of the scattering matrix in nonlocal theories. V. D. Kukin, A. R. Frenkin. Dokl. AN SSSR 139 no. 5:1089-1092 Ag '61.

Criterion of the equality $D_A = D_{\bar{A}}$ for unlimited operators. A. V. Kuzhel'. Usp. mat. nauk 16 no. 3:189-190 My-Je '61.

Equations of a parabolic type in Banach space with an unbounded variable operator having a constant field of determination. P. E. Sobolevskii. Dokl. AN Azerb. SSR 17 no. 6:447-450 '61.

Expansion by eigenfunctions of a non-self-adjunct differential operator of arbitrary even order on the semi-axis [0 ∞]. V. N. Duntakov. Izv. AN Azerb. SSR Ser. fiz.-mat. i tekh. nauk no. 6:3-19 '60.

Green's E-function of Beltrami's operator and some variation problems. P. I. Lizorkin. Dokl. AN SSSR 139 no. 5:1052-1055 Ag '61.

Iterative process with minimum errors for a nonlinear operator equation. V. M. Fridman. Dokl. AN SSSR 139 no. 5:1063-1066 Ag '61.

Lie's theorems for operators of a displacive transformation. B. M. Levitan. Usp. mat. nauk 16 no. 4:3-30 Jl-Ag '61.

Minimum estimates for the eigenvalues of positive operators. L. I. Savinova. Zhur. vych. mat. i mat. fiz. 1 no. 4:714-719 Jl-Ag '61.

Note on a theorem of Titchmarsh and Scais. B. M. Levitan. Usp. mat. nauk 16 no. 4:175-178 Jl-Ag '61.

OPHIUROIDEA

Bipolarity of ophiuroids of the genus Toporkovia Djakonov [with summary in English]. Zool. zhur. 40 no. 8:1258-1260 Zool. zhur. 40 no. 8:1258-1260 Ag '61.

Toporkovia Djakonov, a bipolar genus of Ophiuroidea [with summary in English]. Kh. B. Fell. Zool. zhur. 40 no. 8:1257-1258 Ag '61.

OPHTHALMOSCOPY

Arkhangel'skii, V. N. [Morphological bases of ophthalmoscopic diagnosis] Morfologicheskie osnovy oftal'moskopicheskoi diagnostiki. Moskva, Medgiz, 1960. 174 p.
(DNLM)

OPTIC THALAMUS

Reaction of awakening in response to the stimulation of the specific thalamic nucleus. A. I. Roitbak, S. M. Butkhazi. Dokl. AN SSSR 139 no. 6:1502-1504 Ag '61.

OPTICAL CRYSTALLOGRAPHY see Crystal optics

OPTICAL INSTRUMENTS

Application of aspheric surface little different from spheres in optical systems. I. A. Turygin. [Trudy] MVTU no. 102:5-31 '61.

Asphericity produced by application of an additional layer of a substance under vacuum. B. A. Shapochkin. [Trudy] MVTU no. 102:43-48 '61.

Calculation of masks for making aspheric surfaces by application of an additional layer under vacuum. B. A. Shapochkin, V. I. Kuzichev. [Trudy] MVTU no. 102:50-60 '61.

Noncontact optical devices for measuring diameters of large parts. N. I. Novikov, A. I. Saporzhkov. Izm. tekh. no. 9:8-9 S '61.

Optical noncontact device for automatic control of external diameters of thin-walled pipes under production conditions. V. M. Kiselev, O. IA. Egor'ev. Vzaim. i tekh. izm. v mashinostr., mezhvuz. sbor. no. 3:324-345 '61.

Study of optical apparatus intended to increase the angle of vision. M. K. Okol'ev. Fiz. v shkole 21 no. 2:56-58 Mr-Ap '61.

Vignetting in multiple-prism disperse systems. B. A. Shapochkin. [Trudy] MVTU no. 102:61-65 '61.

OPTICAL INSTRUMENTS—TESTING

New method for checking the quality of optical parts with plane surfaces. L. M. Krivovias. [Trudy] MVTU no. 102:70-76 '61.

OPTICAL MEASUREMENTS

Accuracy of determining the optical constants of absorbing substances from the reflection in a setup using a polarizer and an analyzer. A. P. Prishivalko. Opt. i spektr. 11 no. 2:248-258 Ag '61.

Method for measuring slight optical anisotropy. S. N. Pen'kov. Opt. i spektr. 10 no. 6:787-791 Je '61.

Mutual diffusion coefficients for certain gases measured by the optical method. P. E. Suetin, B. A. Ivakin. Zhur. tekh. fiz. 31 no. 4:499-501 Ap '61.

OPTICS

L. Martin's book "Technical optics" [translated from the English]. Reviewed by A. N. Zakhar'evskii. Opt. i spektr. 10 no. 3:421-425 Mr '61.

"Optical image assessment using frequency response techniques." "Tables of optical frequency response for the cases of spherical aberration and the coma." [In English]. Reviewed by A. Ashcheulov. Opt. i spektr. 11 no. 2:295-296 Ag '61.

[Practical work in physics] Fizicheskii praktikum. Sost. kollektivom kafedr eksperimental'noi i obshchei fiziki Tomskogo gosudarstvennogo universiteta im. V. V. Kuibysheva, pod red. M. A. Bol'shaninoi. Tomsk, Izd-vo Tomskogo univ.
Pts. 2-3. [Electricity and magnetism. Optics] Elektrichestvo i magnetizm. Optika. 1960. 180 p.

Transformation of optical images. B. N. Begunov. [Trudy] MVTU no. 102:77-132 '61.

OPTICS—BIBLIOGRAPHY see Bibliography—Optics

OPTICS, METEOROLOGICAL see Meteorological optics

OPTICS, PHYSICAL

Differential properties of the characteristic coefficients of an optical system. N. K. Derevenko. [Trudy] MVTU no. 102 35-42 '61.

OR' VALLEY—PALYNOLOGY

Spore-pollen complexes in Mesozoic sediments in the Or' Valley. E. D. Kalkova. Izv. vys. ucheb. zav., geol. i razv. 4 no. 7 65-67 Jl '61.

ORAL TRADITION

The relative continuity of folklore themes and texts in oral tradition. M. M. Plisets'kyi. Dop. ta pov. Uzh DU. Ser. filol. no. 2:3-5 '58.

ORDZHONIKIDZE, GRIGORII KONSTANTINOVICH, 1886-1937

Outstanding leader of the Communist Party and the Soviet state; on the 75th anniversary of G. K. Ordzhonikidze's birth. V. P. Lukin. Ukr. ist. zhur. 5 no. 5: 158-160 S-O '61.

ORE DEPOSITS

(see also subdivision under Azov Sea region; Fergana; Kazakhstan, Nikolayevka, Altai Territory; Ossetia, Tajikistan, Ural Mountains)

[Fundamentals of placer deposit surveying] Osnovy poiskov rossypei; uchebnoe posobie. [Leningrad] Izd-vo Leningr. univ., 1961. 122 p.

Role of the study of the structures of ore deposits and of the physicomechanical properties of in the determination of conditions of localization of endogenic ore deposits. F. I. Vol'fson and others. Trudy IGEM no. 41:5-14 '61.

Using pillow lavas for determining ore field structures. N. S. Skripchenko. Izv. vys. ucheb. zav., geol. i razv. 4 no. 7:99-103 Jl '61.

Vol'fson, F. I. [What are ore deposits, where and how should prospecting be conducted] Chto takoe rudnye mestorozhdeniia, gde i kak ikh skat'. Izd. 2. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1959. 70 p. (Bibliotechka uchastnika geologicheskogo pokhoda)

ORE DRESSING

(see also subdivision under Chiatura, Dashkesan; India, Kerch Peninsula; Krivoy Rog Basin, Sweden, United States; Ural Mountains)

Adoption by industry of heavy suspension ore dressing practices. IA. I. Fomin, M. D. Kunova. Obog. rud. 4 no. 3: 6-12 '59.

Combination methods of treating oxidized lead-bearing complex ores. E. N. Vishnevskii, A. L. Eskin. Obog. rud. 6 no. 2:10-16 '61.

Correction to a previously published article entitled "Economics of ore treatment in heavy suspensions as a preliminary ore dressing process." IU. S. Badeev. Obog. rud. 6 no. 1:64 '61.

Determining the content of fine class products of a hydrocyclone by its content of solids. V. I. Revnivtsev, I. A. Kakovskii, IU. I. Nikitin. Obog. rud. 5 no. 1:17-21 '60.

Distribution of mineral grains on the deck of concentration tables. I. I. Isaev. Obog. rud. 4 no. 2:13-17 '59.

Dressing of titanium-magnetites from the Kruchina deposit. S. M. Buchel'nikov, B. Z. Kudinov, V. A. Kiselev. Obog. rud. 5 no. 3:3-6 '60.

Efficient flowsheets for the dressing of iron ores. N. P. Titkov, N. P. Zhukovskii, R. B. Shapiro. Obog. rud. 5 no. 6:3-20 '60.

[illegible] acity of magnetite ores [illegible] alysis data. IU. G. [illegible] 6 no. 1:16-20 '61.

Technological characteristics and flowsheets for the dressing of magnetite-type iron ores" by A. P. Kvasnikov. Reviewed by V. M. Arashkevich. Obog. rud. 4 no. 4: 58-59 '59.

Use of siderite for the reduction roasting of brown iron ores. A. A. Skaliabin. Obog. rud. 4 no. 5:20-22 '59.

Wet method of charge preparation for pelletizing. E. I. Kul'tin, V. P. Kondukov, M. A. Shchegiova. Obog. rud. 5 no. 1:26-28 '60.

ORE DRESSING—BIBLIOGRAPHY see Bibliography—Ore dressing

ORE DRESSING—CONGRESSES

All-Union Conference on Nonferrous Metal Dressing. N. R. Romanov. Izv. vys. ucheb. zav., tsvet. met. 4 no. 4: 165-167 '61.

Conference on the mechanization and the automatic control of ore dressing plants. M. F. Lokonov. Obog. rud. 5 no. 4: 56-58 '60.

Coordinating Conference on Research in the field of Nonferrous and Rare Metal Ore Dressing. Obog. rud. 4 no. 5: 43-44 '59.

Enlarged Plenum of the Scientific Technological Council of the Institute for the Mechanical Processing of Minerals on the planning of ore dressing plants. M. V. Ushakov. Obog. rud. 5 no. 1: 50-51 '60.

International Conference in London on Mineral Dressing. Obog. rud. 5 no. 4: 52-55 '60.

ORE DRESSING—COSTS

Economics of treatment in heavy suspensions as a preliminary ore dressing process. IU. S. Badeev. Obog. rud. 5 no. 2: 17-23 '60.

Efficient utilization of Altai pyritic concentrates. A. IA. Zaplavnyi, N. S. Saltybaldin. Trudy Alt. GMNII AN Kazakh. SSR. 11: 93-101 '61.

Increasing the economic efficiency of treating the complex metal ores of the Altai Mountains. N. S. Saltybaldin. Trudy Alt. GMNII AN Kazakh. SSR. 11: 102-108 '61.

ORE DRESSING—EQUIPMENT AND SUPPLIES

(see also subdivision under Germany, East, Germany, West, Krivoy Rog Basin, Noril'sk)

Connection between flowsheets and structural design in the planning of ore dressing plants. M. I. Miagkov. Obog. rud. 5 no. 3: 18-23 '60.

Design of rubber and metal parts for vibrating machines. V. N. Poturaev. Obog. rud. 4 no. 1: 29-31 '59.

Nomogram for the determination of concentration table efficiency. I. N. Isaev. Obog. rud. 4 no. 6: 35-37 '59.

Objectives in the mechanization of ore dressing plants. N. S. Sasov, V. G. Svirin. Obog. rud. 5 no. 2: 42-51 '60.

Parameters and efficiency of concentration tables. I. N. Isaev. Obog. rud. 4 no. 1: 18-25 '59.

Redesign of automatic SHA-1 sluice gates. M. I. Lavrinovich, G. S. Fokeev. Obog. rud. 4 no. 6: 38-40 '59.

Selecting the basic parameters of vibrating conveyers. I. I. Blekhman. Obog. rud. 4 no. 2: 23-26 '59.

Three-stage concentration table (laSM-1) with aluminum decks designed by the Scientific Research and Planning Institute for the Mechanical Processing of Minerals. R. V. Evsiovich. Obog. rud. 4 no. 3: 36-38 '59.

Use of xanthic acid in the dressing of molybdenum ores. IU. A. Chuev. Obog. rud. 5 no. 2: 9-10 '60.

ORE DRESSING—HYGIENIC ASPECTS

Air sanitation in ore dressing and sintering plants. E. N. Feld. Obog. rud. 4 no. 5: 40-42 '59.

ORE DRESSING—QUALITY CONTROL

Quality of iron ore concentrates. V. I. Karmazin. Obog. rud. 5 no. 1: 13-14 '60.

OREDEZH RIVER—HYDROLOGY

[illegible] asudarstvennyi gidrologicheskii institut. [illegible] n of unsteady flow of water in the Tvertsa Rivers] Issledovaniia neustanovivshegosia [illegible] ody na rekakh Tvertse i Oredezh. Pod red. [illegible] t'eva i V. A. Uryvaeva. Leningrad, [illegible]. Izd-vo, 1961. 287 p. 6 charts (in pocket)

[illegible] EVO—TEXTILE FACTORIES—LABOR [illegible] Y

[illegible] ve of V. Matveeva's brigade. N. S. Ku- [illegible] .prom 21 no. 7: 95-98 Jl '61.

[illegible] EVO—TEXTILE INDUSTRY

[illegible] hoots] Vskhody. [Moskva] Mosk. rabochii,

[illegible] —STUDY AND TEACHING

[illegible] een the research of the department of [illegible] hool requirements. I. V. Popov. Fiz. v [illegible] 3: 85 My-Je '61.

[illegible] :—COLLECTIVE FARMS

[illegible] the masses; from the work experience of [illegible] ganizations] Vo glave mass; iz opyta [illegible] kh partorganizatsii. [Orel] Orlovskoe [illegible] vo, 1960. 70 p.

ORENBURG—LUBRICATION AND LUBRICANTS

Operation of oxidation equipment and the production of lubricating greases at the Orenburg Petroleum Oil Plant. N. M. In'kova. Proizv. smaz. mat. no. 6/8: 64-67 '61.

ORENBURG PROVINCE—AGRICULTURE

Shurygin, V. A. [Heading for the beacon; from the practice of the Orenburg party organization for the dissemination and introduction of progressive practice in agriculture] Kurs na maiaki, iz praktiki Orenburgskoi partiinoi organizatsii po rasprostraneniiu i vnedreniiu peredovogo opyta v sel'skom khoziaistve. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 45 p. (Iz opyta partiinoi raboty)

ORENBURG PROVINCE—BEE CULTURE—ACCOUNTING

Indebted to beekeepers. N. A. Lashkov. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 8: 21-22 Ag '61.

ORENBURG PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Supreme principle of party leadership. V. Shurygin. Kommunist 38 no. 15: 58-62 O '61.

ORENBURG PROVINCE—FARM LIFE

[Orenburg meetings] Orenburgskie vstrechi. [Orenburg] Orenburgskoe knizhnoe izd-vo, 1960. 52 p.

ORENBURG PROVINCE—REPTILES, FOSSIL

Materials on pseudosuchians of the U. S. S. R. L. P. Tatarinov. Paleont. zhur. no. 1: 117-132 '61.

ORES

Shakhov, F. N. [Structures of ores] Tekstury rud. Moskva, Izd-vo Akad. nauk SSSR, 1961. 178 p.

ORES—ANALYSIS

Trilonometric determination of aluminum in ores. A. G. Liashenko. Obog. rud. 4 no. 5: 23-25 '59.

ORES—SAMPLING AND ESTIMATION

Diagram for the study of the material composition of ores. P. P. Solov'ev. Obog. rud. 4 no. 2: 27-31 '59.

Formula for the calculation of the metal content in aggregates. K. A. Razumov. Obog. rud. 6 no. 1: 63-64 '61.

Weight and maximum particle size of representative specimens for sieve analysis. M. F. Lokonov. Obog. rud. 6 no. 2: 21-24 '61.

ORGANIC CHEMISTRY see Chemistry, Organic

ORGANIC COMPOUNDS

Investigation of solid solutions of certain organic compounds by the nuclear quadrupole resonance method. E. I. Fedin, A. I. Kitaigorodskii. Kristallografiia 6 no. 3: 406-412 My-Je '61.

Latest in the methods of studying the physicochemical properties of substances. P. G. Maslov. Khim. prom. no. 8: 630-644 Ag '61.

Obtaining of organic acids from weathered coal. T. A. Kukharenko and others. Izv. AN SSSR, Otd. tekh. nauk. Met. i topl. no. 4: 143-149 Jl-Ag '61.

Transfer of excitation energy in viscous solutions of organic substances. I. M. Rozman. Opt. i spektr. 10 no. 3: 354-361 Mr '61.

ORGANIC COMPOUNDS—SPECTRA

Study of the concentration effects in solutions of certain organic compounds. L. V. Levshin, V. G. Bucharov. Opt. i spektr. 10 no. 5: 627-633 My '61.

ORGANIC MATTER

Organic matter in the bottom deposits of limans of the Danube Valley [with summary in English]. M. B. Fel'dman. Trudy Inst. gidrobiol. AN URSR no. 36: 204-209 '61.

ORGANOMETALLIC COMPOUNDS—SPECTRA

Oscillatory spectra of certain organometallic compounds of the elements of group IV. N. N. Vyshinskii, N. K. Rudnevskii. Opt. i spektr. 10 no. 6: 797-799 Je '61.

ORIENTAL CHRONOLOGY see Chronology, Oriental

ORIENTAL LITERATURE—COLLECTIONS

A little-known anthology of Oriental literature. Z. Rizaev. Obshchestv. nauki v Uz. no. 6: 29-31 '61.

ORIENTAL PALEOGRAPHY see Paleography, Oriental

ORIENTAL STUDIES

Institute of Asian Peoples. Nar. Azii i Afr. no. 221-223 '61.

ORIENTATION (ARCHITECTURE)

Allowable layout of buildings with individual floor plans. R. M. Rondel'. Shor. nauch. trud. Bel. politekh. inst. no. 89: 88-97 '60.

Changes in the cost of walls as related to the varying orientation of buildings without cellars relative to the horizontal surface lines. R. M. Rondel'. Shor. nauch. trud. Bel. politekh. inst. no. 89: 16-21 '60.

ORLOV, IVAN IVANOVICH, 1861-1928

The outstanding Russian inventor, I.I. Orlov. E.L. Nemirovskii. Poligr. proizv. no.6:31-32 Je '61.

ORLOV, MIKHAIL AKIMOVICH, 1887-1961

In memory of my father M.A. Orlov. I.M. Orlov. Brat. vest. no.3 70-71 '61.

In memory of Mikhail Akimovich Orlov, member of the All-Union Council of Evangelical Christians and Baptists obituary. A.V. Karev. Brat. vest. no.3 64-67 '61.

In memory of Mikhail Akimovich Orlov, unforgettable Presbyter of the Leningrad Church of Evangelical Christians and Baptists. Kirilukhantsev and others. Brat. vest. no.3:72 '61.

In memory of my husband Mikhail Akimovich Orlov. P.V. Orlova. Brat. vest. no 3 68-69 '61.

ORNAMENTAL PLANTS see Plants, Ornamental

ORTHODOX EASTERN CHURCH, UKRAINIAN see subdivision under Brazil

ORTHOPEDIA

Moscow. TSentral'nyi institut usovershenstvovaniia vrachei. [Actual problems in orthopedics and traumatology] Aktual'nye voprosy ortopedii i travmatologii. Pod red. N.L. Rutkovicha. Moskva, 1960. 197 p. (DNLM)

ORTHOPEDIA—HOSPITALS AND INSTITUTIONS

Cradle of children's orthopedics, the G.I. Turner Institute (on the 70th anniversary of its founding). D.A. Nevozhilov. Ortop., travm. i protez no 6:78-84 '61

ORTHOPEDIC APPARATUS

Apparatus for the accommodation of the armless. L.A. Kostyleva, G.R. Gurevich, N.V. Stupkina. Ortop., travm. i protez. no. 5:47-51 '61.

Gerasimova, N.A. [Method for measuring the movements of the spine and extremities, methodological material] Metodika izmereniia dvizhenii pozvonochnika i konechnostei, metodicheskie materialy. [Kazan'] Izd-vo Kazanskogo univ., 1960. 38 p. (DNLM)

Pin guide for skeletal traction. L.S. Khavkin. Ortop., travm. i protez. no 7:57-58 '61.

Suspension apparatus for training poliomyelitis patients to walk. A.IA. Khaniakina. Ortop., travm. i protez. no. 5:51-53 '61.

OSCILLATIONS

Generalized interpretation of the fundamental relationships in a tank circuit. P.M. Vaintrub. Izv. vys. ucheb. zav., energ. 4 no. 8:28-36 Ag '61

Investigation of the high-frequency oscillations in a glowing neon discharge at low pressures. F.G. Zverev. Uch. zap. Kulb. gos. ped. inst. no. 29:85-91 '59.

Nonstationary oscillations of nonlinear systems with gyroscopic terms, taking the connection with a low-energy source into account. V.A. Grobov. Ukr. mat. zhur. 13 no. 2:220-223 '61.

Oscillations of a liquid in an annular cylindrical vessel with a horizontal generatrix. A.A. Petrov. Zhur. vych. mat. i mat. fiz. 1 no. 4:741-746 Jl-Ag '61.

Problems of the stability of stationary operating conditions of hydroelectric generating stations and power systems viewed as problems of the theory of oscillations. G.V. Arenovich and others. PMTF no. 3: 56-73 S-O '61.

OSCILLATORS, ELECTRIC

Characteristics of a two-circuit parametric oscillator. S.A. Akhmanov, A.K. Romaniuk, M.M. Strukov. Izv. vyz. ucheb. zav., radiofiz. 4 no. 3:179-191 '61.

Correlation of the amplitude and frequency fluctuations of oscillators [with summary in English]. A.N. Malakhov, V.N. Nikonov. Izv. vys. ucheb. zav.; radiofiz. 4 no. 1:104-112 '61.

Electronic pulse generators on photocells. V. Zakharov, IU. Lazarev. Radio no. 3:48-49 Mr '61.

Models of oscillators. V.V. Dudov, I.M. Makarenko. Vest. protivovozd. obor. no. 9 28-31 S '61.

Operating models. V.V. Dudov, I.M. Makarenko. Vest. protivovozd. obor. no. 6,21-24 Je '61.

Simple audio generator for studying the telegraph code. A. Il'iashenko. Radio no. 3:52 Mr '61

Simple step pulse generator. T. Zhgenti. Radio no. 3: 41 Mr '61.

OSCILLATORS, ELECTRIC—BIBLIOGRAPHY see Bibliography—Oscillators, Electric

OSCILLATORS, ELECTRON-TUBE

Generator of pulse "packets" in the millimicrosecond range. App. dlia iad. spek. no. 1:126-132 '60.

OSCILLATORS, TRANSISTOR

Investigation of a low-frequency transistor self-oscillator. A.S. Matdanovskii. Radiotekh. i elektron. 6 no. 9:1554-1561 S '61.

OSCILLOGRAPH—EQUIPMENT AND SUPPLIES

Addition to an oscillograph for observing resonance curves. IU. IUrchenko. Radio no. 3:58 Mr '61

OSCILLOGRAPH, CATHODE RAY see Cathode ray oscillograph

OSCILLOGRAPHY

Determining the sublimation energy of the system Pd - H by means of the pulse method [with summary in English]. N.A. Protopopov, V.M. Kul'gavchuk. Inzh.-fiz. zhur. 4 no. 9:102-103 S '61.

Initial stages of a pulse discharge at low pressures. A.B. Boim, E.M. Reikhrudel'. Zhur. tekh. fiz. 31 no. 9 1127-1134 S '61.

Noise-proof attachments on oscillographs for the control of resistance welding conditions. M.P. Zaitsev, L.A. Rozov. Svar. proizv. no. 8 20-22 Ag '61

Pulse method of determining sublimation energy in metals and alloys [with summary in English]. N.A. Protopopoff, V.M. Kul'gavchuk. Inzh. fiz. zhur. 4 no. 7 84-90 Jl '61.

Using a spark discharge for producing intensive scintillations of a duration of 10^{-7} to 10^{-8} sec. Part 1. Investigation of electric processes in a spark discharge of nanosecond duration. S.I. Andreev, M.P. Vanukov. Zhur. tekh. fiz. 31 no. 8:961-974 Ag '61

OSSETES

V.I. Abaev and problems of Ossetic history. Z.N. Vaneev. Izv. IUgo-Oset. nauch.-issl. inst. no. 10: 30-43 '60.

OSSETES—SOCIAL LIFE AND CUSTOMS

Ethnography of the Ossetes in the works of V.I. Abaev. Z.D. Gagloeva. Izv. IUgo-Oset. nauch.-issl. inst. no. 10:41-52 '60.

OSSETIA—COLLECTIVE FARMS

Eloev, V.K. [On the rise] Na pod"eme. Ordzhonikidze, Knizhnoe izd-vo Severo-Osetinskoi ASSR, 1959. 91 p. (MH)

OSSETIA—COMMUNIST PARTY OF THE SOVIET UNION

Eloev, V.K. [On the rise] Na pod"eme. Ordzhonikidze, Knizhnoe izd-vo Severo-Osetinskoi ASSR, 1959. 91 p. (MH)

OSSETIA—CULTURE

Cultural development of South Ossetia during the period of restoration, 1921-1925. B.Z. Pliev. Izv. IUgo-Oset. nauch.-issl. inst. no. 10:113-135 '60.

OSSETIA—ECONOMIC CONDITIONS

Akademiia nauk Gruzinskoi SSR, Tiflis. IUgo-Osetinskii nauchno-issledovatel'skii institut, Stalinir. [Restoration and development of the national economy of South Ossetia; collected documents and materials, 1921-1920] Vosstanovlenie i razvitie narodnogo khoziaistva IUgo-Osetii, sbornik dokumentov i materialov, 1921-1929 gg. Pod red. V.A. TSomaia. Sost. I.N. TSkhovrebov i dr. Stalinir, Gosizdat IUgo-Osetii, 1960. 580 p. (Istoriia IUgo-Osetii v dokumentakh i materialakh, 1921-1958 gg., no. 1)
(MH)

OSSETIA—GUIDEBOOKS

Grigorovich, S.F. [Over the mountains and valleys of Northern Ossetia; tourists', students' of local lore and excursionists' companion] Po goram i ravninam Severnoi Osetii, spputnik turista, kraeveda i ekskursanta. Izd. 2., dorabotannoe. Ordzhonikidze, Severo-Osetinskoe knizhnoe izd-vo, 1960. 125 p.

OSSETIA—HEALTH RESORTS, WATERING PLACES, ETC.

Dzgoev, U.S. [Health resort at Karmadon] Kurort Karmadon. Ordzhonikidze, [Severo-Osetinskoe knizhnoe izd-vo] 1961. 175 p.

OSSETIA—ORE DEPOSITS

Some structural elements of the Kakadur-Khanikomskoye deposit. A.S. Marochkin, V.S. Starikov. Izv. vys. ucheb. zav., tsvet. met. 4 no. 4:10-15 '61.

OSSETIC LANGUAGE

Principal stages of the research conducted on the Ossetic language. M.I. Isaev. Izv. IUgo-Oset. nauch.-issl. inst. no. 10:5-20 '60.

OSSETIC LANGUAGE—SYNTAX

Syntactic relations expressed by postpositions in the modern Ossetic language. Z.D. TSkhovrebova. Izv. IUgo-Oset. nauch.-issl. inst. no. 10:63-71 '60.

OSSETIC LANGUAGE—TERMS AND PHRASES

Ossetic phrases expressing diverse wishes. N.IA. Cabarаev. Izv. IUgo-Oset. nauch.-issl. inst. no. 10: 53-62 '60.

OSTEOPLASTY see Bone grafting

OSTIAK LANGUAGE

Problem of linguistic and sensorial generalizations; based on the names of colors in the Samoyedic and Ostiak languages. F.N. Shemiakin. Izv. APN no. 113: 40-61 '60.

OSTIAKS, YENISEY see Kets

OSTROUMOVA-LEBEDEVA, ANNA PETROVNA, 1871-1955

Ostroumova-Lebedeva. Moskva, Sovetskii khudozhnik, 1961. 1 v. illus.

OSWIECIM (CONCENTRATION CAMP)

Pages from Auschwitz, notes of an artist. Z. Tolkachev. Sov. Ukr. 11 no. 9:170-171 S '61.

OTROZHKA—RAILROADS—REPAIR SHOPS

Organization of refrigerator train repairs in the Otrozhka car repair plant. B.I. Mariengof, V. Sirotinskii. Zhel. dor. transp. 43 no. 8 64-67 Ag '61

OSTROZ'KYI, KLIRYK, pseud. see Dorofeevych, Havrylo

OVARIES—DISEASES

Apoplexy of the ovary in uterine and extrauterine pregnancy [with summary in English]. A.A. Verbenko. Vop. okh. mat. i det. 6 no. 7,76-73 Jl '61

Significance of follicular cysts of the ovaries in the rise and development of dyshormonal tumors in rats. E.A. Ird. Probl. endok. i gorm. 7 no. 4 35-42 '61

OVERVOLTAGE

Effect of the concentration and nature of alkali on oxygen overvoltage on a cobalt anode. IA.I. Turʹian, I.A. Gershkovich. Zhur. fiz. khim. 35 no. 8:1879-1880 Ag '61.

Overvoltage of the electrodeposition of hydrogen from concentrated solutions of hydrochloric and perchloric acids on an amalgam copper electrode [with summary in English]. IA.V. Durdin, E.G. TSventarnyi. Vest. LGU 16 no. 16:85-96 '61.

OXAMIDE

Substituted arylamides of dithiocarboxylic acids. Part 2: Synthesis of halo-, sulfo-, and carboxy-N-phenyldithiooxamides. A.D. Grabenko, P.S. Pel'kis. Zhur. ob. khim. 31 no. 8 2739-2743 Ag '61.

OXIDASE

Study of oxidases containing metals in Chlorella [with summary in English]. P.O. Kolesnikov, L.O. Einor. Ukr. bot. zhur. 18 no. 4:46-51 '61.

Histochemical characteristics of oxidases in cancerous tumors. (Rus) S.I. Alkadarskii, Arkh. pat. 21 no. 10: 19-24 '59.

OXIDATION

Continuous oxidation of paraffins in foamy phase. V.M. Sedachev. Proizv. smaz. mat. no 6/8:87-98 '61.

Kinetics of cyclohexane oxidation by palladium salts in aqueous solutions. M.N. Vargaftik, I.I. Moiseev, IA.K. Syrkin. Dokl. AN SSSR 139 no. 6:1396-1399 Ag '61.

Laws governing the autoxidation of polyalkylbenzenes. Liquid phase autoxidation of isopropyl-o-xylenes. R.N. Volkov, S.V. Zagorodnii. Zhur. ob. khim. 31 no. 8,2629-2635 Ag '61.

Possible use of the electron paramagnetic resonance method for recording active centers in the reactions of the liquid phase oxidation of hydrocarbons. IA.S. Lebedev, V.F. TSepalov, V.IA. Shliapintokh. Dokl. AN SSSR 139 no. 6,1409-1412 Ag '61.

Study of catalytic oxidation of propylene. Report No. 6: Interrelation of voluminal and surface factors in the oxidation of propylene into acrolein. N.I. Popova, R.N. Stukova, V.P. Latyshev. Izv. Sib. otd. AN SSSR no. 8:78-82 '61.

OXIDATION, PHYSIOLOGICAL

Hulyi, M.F. [Chemical activity of the biological oxidation and synthesis of fats and the problem of higher milk-fat content] Khimizm biologichnoho okyslennia i syntezu zhyriv ta problema pidvyshchennia zhyrnomolochnosti. Kyiv, Vyd-vo Akad. nauk URSR, 1959. 116 p.

OXIDATION-REDUCTION REACTION

Determining the instability constants of complex compounds from the oxidation-reduction potentials. V.M. Shul'man, T.V. Kramareva. Izv. Sib. otd. AN SSSR no. 7:55-65 '61.

Kolthoff, I.M., and others. [Volumetric analysis] Ob"emnyi analiz. Pod red. i s dopolneniiami IU.IU. Lur'e. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry.
Vol. 3. [Practical part: oxidation-reduction methods] Prakticheskaia chast': Metody okisleniia - vosstanovleniia. [Publ. in English under the title: "Titration methods: oxidation-reduction reaction]. 1961. 840 p.

Laboratory equipment for the automatic recording of the reduction kinetics of metal oxides. P.N. Ostrik, S.T. Rostovtsev. Izv. vys. ucheb. zav., chern. met. 4 no. 7, 195-199 '61.

Oxidation-reduction potential of the upper ten-meter stratum of Quaternary deposits of the Black Sea. O.V. Shishkina. Dokl. AN SSSR 139 no. 5:1218-1220 Ag '61.

Oxidation-reduction processes and silver concentration on electron-exchange polymers. A.B. Davankov, T.A. Aptova, Z.M. Gilerman. Zhur. prikl. khim. 34 no. 8, 1852-1857 Ag '61.

OXIDES

Catalytic action of water on chemical reactions between oxides at high temperatures A I Leonov Izv AN SSSR Otd khim nauk no 8 1411-1416 Ag '61

OXO PROCESS

Improved technological system with a suspended catalyst for the production of alcohol by oxo synthesis method M I Slitch and others. Khim i tekh topl i masel 6 no. 8:19-24 Ag '61.

OXYACETYLENE WELDING see Gas welding and cutting

OXYGEN

Application of the pulse calorimetric method for determining the solvation energy of oxygen in silver [with summary in English] V O. Petrykov, V. F Khotkevych. Ukr. fiz zhur 6 no 3 408-411 My-Je '61

Chemical adsorption of oxygen on a freshly cracked graphite surface IU. A. Zaritskii, V F. Kiselev, G. G. Fedorov. Zhur fiz khim 35 no 8 1865-1866 Ag '61.

Chemical and physical adsorption of oxygen on a freshly split graphite surface G G Fedorov, IU A Zaritskii, V F Kiselev Dokl AN SSSR 139 no 5 1166-1169 Ag '61.

Determination of the coefficient of the recombination of oxygen atoms on a surface of quartz coated with potassium tetraborate N. I Gorban', V. V Azatian, A B Nalbandian Dokl AN SSSR 139 no 5 1141-1144 Ag '61

Effect of the concentration and nature of alkali on oxygen overvoltage on a cobalt anode. IA. I. Turkan, I. A. Gershkovich. Zhur. fiz khim 35 no. 8:1879-1880 Ag '61.

OXYGEN—ISOTOPES

Separation of oxygen isotopes by the exchange $CO_2 - H_2O$ in an electric discharge. I. A. Semiokhin and others Zhur. fiz khim 35 no. 8:1881-1883 Ag '61

Study of the infrared spectra of isotopic oxygen compounds of nitrogen. R. R Shvangiradze, Sh Z Dzhanagidze Opt i spektr 10 no. 5 583-588 My '61.

OXYGEN COMPOUNDS

Ores of the Nikolayevka deposit in the Rudnyy Altai and the oxygen compounds of lead, copper and zinc contained in them M K Vorontsova, N I Vorontsov, B. S. Khristoforov Trudy Alt GMNII AN Kazakh. SSR 11 141-146 '61

OXYGEN METABOLISM

Effect of blood plasma and serum from animals with different species-resistance on oxygen and phosphorus assimilation in the pathogen of tuberculosis [with summary in English] A. M Vitrinskaia Biul eksp biol i med. 51 no 4 82-86 Ap '61

OXYGEN THERAPY

Use of oxygen therapy in combined treatment of infants with pneumonia. Pediatriia no 9 27-33 '61

OZHIGOV, NIKOLAI ALEKSANDROVICH

Unknown letters written by Pavlo Hrabovs'kyi. P. Petrov. Sov. Ukr. 11 no. 9 156-161 S '61.

OZOCERITE—THERAPEUTIC USE

Significance of ozocerite therapy in acute pneumonia in infants [with summary in English] V. N Gromova. Vop okh. mat i det 6 no. 7:18-22 Jl '61

PACIFIC OCEAN—CLIMATE

Characteristics of climatic zones in the central part of the Pacific Ocean. M. E. Liakhov Trudy Inst okean. 40:23-28 '60.

PACIFIC OCEAN—FISHERIES

Some factors determining the dynamics of the abundance of commercial fishes in the northwestern part of the Pacific Ocean. P. A. Moiseev. Trudy sov. ikht. kom. no. 13:130-131 '61.

PACIFIC OCEAN—OCEAN CURRENTS

Currents of the surface layer in the western part of the Pacific Ocean. K. T. Bogdanov, B. G. Popov Trudy Inst. okean. 40:135-141 '60

Dynamic zero surface in the western part of the Pacific Ocean. V. S. Solov'ev. Trudy Inst okean 40:152-161 '60.

Estimation of deep currents in the region of the cruise. K. N. Fedorov. Trudy Inst. okean. 40:162-166 '60.

Investigation of equatorial currents north of New Guinea. V. A. Burkov, I. M. Ovchinnikov. Trudy Inst. okean 40:121-134 '60.

Investigation of wind and convective zonal currents as applied to the tropical equatorial part of the Pacific Ocean. M. N. Koshliakov. Trudy Inst okean 40:142-151 '60.

Structural characteristics of zonal currents and meridional circulation of waters in the central part of the Pacific Ocean during the winter of the Northern Hemisphere. V. A. Burkov, I. M. Ovchinnikov Trudy Inst. okean. 40:93-107 '60.

PACIFIC OCEAN—OCEANOGRAPHIC RESEARCH

First expeditions of the "Vitiaz'" under the program of the International Geophysical Year (cruises 25, 26, and 27) V. G. Bogorov and others. Trudy Inst. okean 40:5-92 '60

Meaning of the first three cruises of the research ship "Vitiaz'" under the plan of the International Geophysical Year. Trudy Inst. okean. 40:189-192 '60

PACIFIC OCEAN—OCEANOGRAPHY

Characteristics of structures and water masses in western and central parts of the Pacific Ocean A. D. Dobrovol'skii, V. V Leont'eva, V. I Kuksa Trudy Inst okean 40 47-57 '60.

The concept of northern and southern tropical fronts in the ocean V. A. Burkov, V S Arsen'ev, I. M Ovchinnikov Trudy Inst okean. 40 108-120 '60

PACIFIC OCEAN—POGONOPHORA

New Pogonophora species from the eastern part of the Pacific Ocean. Report No. 1: Galathealinum brachiosum sp n [with summary in English]. A. V Ivanov Zool zhur 40 no. 9:1378-1381 S '61

PACIFIC OCEAN—SALMON FISHERIES

Recent changes in the abundance of Pacific salmons and their principal causes. R. S. Semko. Trudy sov ikht kom. no. 13 117-129 '61.

PACIFIC OCEAN—TRADE-WINDS

Observations on trade inversions during the 26th cruise of the "Vitiaz'." M. A. Kutiavina. Trudy Inst okean 40:41-46 '60.

PACIFIC OCEAN—WATER—COMPOSITION

Some chemical features of water in the central part of the Pacific Ocean D. A. Smetanin Trudy Inst okean 40,58-71 '60.

PACIFIC OCEAN—WATER—OPTICAL PROPERTIES

Some optical characteristics of water in the central part of the Pacific Ocean. M V Kozlianinov Trudy Inst okean. 40:167-174 '60.

PACIFIC OCEAN—WINDS

Specific features of the wind regime in the southwestern part of the North Pacific during the first (25th) cruise of the "Vitiaz'." A. K. Artanova. Trudy Inst okean 40,29-39 '60.

Zone of intertrade western lies in the central part of the Pacific Ocean V. V. Fronert. Trudy Inst okean 40:40-43 '60

PACIFIC OCEAN—WORLD WAR, 1939-1945

Documents on the plans of Japanese militarists in the war in the Far East and the Pacific Ocean. N Pavlov Voen.-ist zhur. 3 no 7 87-90 Jl '61

PACIFIC OCEAN—WORLD WAR, 1939-1945—AMPHIBIOUS OPERATIONS

Landing operations of the armed forces of the United States in the Pacific Ocean during the Second World War S Lial'ko, N Volkov Voen.-ist. zhur 3 no 7:27-14 Jl '61

PACKING (MECHANICAL ENGINEERING)

Aerodynamic design of contact packings. E. T Bartosh. Trudy TSNII MPS no. 214:121-136 '61.

Investigating the cast iron stuffing boxes introduced by the Central Scientific Research Institute of the Ministry of Railroad Communications. A M Evtushenko, A A Sharunin. Trudy TSNII MPS no. 214,137-147 '61.

Investigating the corrosivity of packings. A. V. Ratner, D. IA. Kagan. Teploenergetika 8 no. 5 35-39 My '61.

Statics of self-packing seal rings composed of equal sections. A. M. Evtushenko. Trudy TSNII MPS no. 214: 148-166 '61.

PACKING FOR SHIPMENT

Machine for seaming caps on metal barrels. IU. Novskii. Prom. Arm. 4 no. 8:41-42 Ag '61.

PACKING FOR SHIPMENT—STANDARDS

Kaplun, F. Sh., and others. [Manual on containers and packing for freight] Spravochnik po tare i upakovke gruzov. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 393 p.

PAINT

Golant, Sh. N., and A. V. Dubitskii. [Synthetic paints in housing construction] Sinteticheskie kraski v zhilishchnom stroitel'stve; iz opyta Leningrada. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 138 p.

Paints based on synthetic materials. S. Kocharian. Prom. Arm 4 no. 5:46-47 My '61.

PAINTING—TECHNIQUE

Vibert, Jehan. [Painting and its tools. Translated from the French. Preface by B. Ioganson] Zhivopis' i ee sredstva. [Moskva] Izd-vo Akad. khudozh. SSSR, 1961. 230 p.

PAINTING, INDUSTRIAL

Anti-corrosive prime coating. L. Kamionskii. NTO 3 no. 9:45 S '61.

Painting in an electrostatic field. S. Asatrian. Prom. Arm 1 no. 6 33-35 Je '61

PAINTINGS see subdivision under Leningrad

PAINTINGS—CONSERVATION AND RESTORATION

Reliable helper in the restoration of paintings. A. Kovalev, V IUshkevich Sov foto 21 no 8:32 Ag '61

PAKISTAN—ECONOMIC CONDITIONS

Economic relations between West and East Pakistan S. S Barianov Krat soob Inst nar. Azii no 12 99-105 '61

PAKISTAN—LABOR AND LABORING CLASSES

The situation of workers and the labor movement in West Pakistan from 1947 to 1957. T. Ruziev Krat. soob Inst nar Azii no 12 84-98 '61

PAKISTAN—YOUTH

The movement of Pakistan youth, from 1947 to 1958. V N. Moskalenko. Krat soob Inst nar Azii no 42, 106-110 '61.

PALEOGEOGRAPHY

(see also subdivision under Dnieper Valley, Fergana, Kenderlyk Valley, Onega Valley, Pechora Basin)

Babaev, A. G., and A. M. Akramkhodzhaev. [Paleogeography of oil- and gas-bearing Cretaceous sediments in Uzbekistan] Paleogeografiia neftegazonosnykh melovykh otlozhenii Uzbekistana Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, 1960. 177 p.

PALEOGRAPHY, ORIENTAL

Friedrich, Johannes. [Deciphering extinct alphabets and languages. Translated from the German] Deshifrovka zabytykh pis'mennostei i iazykov. Predisl. I. M. Dunaevskoi. Pod red. I. M. D'iakonova. Moskva, Izd-vo inostr. lit-ry, 1961. 206 p. (ICU)

PALEONTOLOGICAL RESEARCH see subdivision under China

PALEONTOLOGY

(see also subdivision under Asia, Central)

Andrusov, N. I. [Selected works] Izbrannye trudy. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 1. 1961. 710 p.

Vsesoiuznoe paleontologicheskoe obshchestvo. [Fortieth anniversary of Soviet paleontology, 1917-1957. Transactions of the 4th session of the All-Union Paleontological Society] Sorok let sovetskoi paleontologii 1917-1957; trudy IV sessii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geologii i okhrane nedr. 1961. 209 p.

PALEONTOLOGY, STRATIGRAPHIC see subdivision under Altai Mountains; Apshitsa Valley; Binagady region, Kama Valley; Volga Valley

PALKINO DISTRICT—FLAX

Account for flax production in a strict and accurate manner. M. I. Gruzdov. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 9:34-36 S '61.

PALLADIUM

Investigation of hydrogen and deuterium desorption from palladium by means of a pulse mass spectroscope. IU. I. Beliakov, N. I. Ionov. Zhur. tekh fiz 30 no. 2 216-222 F '60

"Order - confusion" transition in the alloys of iron with cobalt and palladium. A T Grigor'ev, V. V. Kuprina Zhur neorg khim 6 no 8 1891-1901 Ag '61

PALLADIUM CHLORIDE

Kinetics of cyclohexane oxidation by palladium salts in aqueous solutions. M. N. Vargaftik, I. I. Moiseev, IA. K. Syrkin Dokl. AN SSSR 139 no. 6 1396-1399 Ag '61.

PALLADIUM SULFIDE

Coprecipitation of Tl^+ with PdS N. A. Rudnev, G. I. Melofeeva Zhur. neorg. khim. 6 no 8 1885-1890 Ag '61

PALLADIUM-TUNSTEN ALLOYS—METALLOGRAPHY

Change of hardness of commercial-grade, platinum-tungsten and palladium-tungsten alloys. V. S. Mes'kin, R. I. Mishkevich, N. Sh. Serova. Fiz. met. i metalloved 12 no. 1:140-144 Jl '61.

PALLASOVKA DISTRICT—SOLONETZ SOILS

Nightingales on the Solonetz soils. A. Akimova. Moskva 5 no. 6:192-196 '61.

PALYNOLOGY see subdivision under Chulym Valley; Nagovilevi region; Or' Valley; Yenisey Valley

PAMIR-ALAY—SEDGES

Some ecological and phytocoenotic characteristics of Carex duriusculiformis V. Krecz L. F. Sidorov. Izv. Otd. sel'khoz i biol. nauk AN Tadzh. SSR no. 1:49-53 '60.

PAMIRS—BARLEY

Barley-Clinelymus hybrids in the Pamirs. N. V. Kuz'mina. Izv. Otd. sel'khoz. i biol nauk AN Tadzh. SSR no 1:79-93 '59

PAMIRS—GEOLOGY, STRATIGRAPHIC

Concerning B P Barkhatov's note "Hasty conclusions on lower Paleozoic stratigraphy of the Pamirs " Z K Poltshchuk, S P. Kirillov, V. M Drozdov Izv Otd geol -khim i tekh nauk AN Tadzh SSR no 1 129-132 '59

Some recent data on Paleozoic and Mesozoic stratigraphy of the western Pamirs M Kh Khamidov Izv Otd geol -khim nauk AN Tadzh. SSR no 1 117-126 '59

PAMIRS—MANUSCRIPTS

Manuscripts found in the Pamirs A E. Bertel's Nar Azii i Afr. no 2:234-236 '61

PAMIRS—PLANTS—METABOLISM

Some features of carbohydrate metabolism in plants of the alpine zone of the Pamirs R M. Reinus Izv. Otd sel'khoz i biol nauk AN Tadzh SSR no 1 59-78 '59

PAMIRS—SOILS

Soils of the Pamirs V. IA. Kuleminskii Izv Otd sel'-khoz i biol nauk AN Tadzh SSR no 1 3-13 '60

PANAKH, MOLLA, 1717-1797

Armenian bard's unknown poem on M P. Vagif. A Dadash-zade, M Seidov. Dokl AN Azerb SSR 17 no 6 531-534 '61.

PANCREAS

Influence of isohemotransfusion on the function of the internal secretory area of the pancreas. R. M. Glants, V. L Dubrovin. Probl. endok i gorm. 7 no 4 96-101 '61.

Reactivity of the circulatory organs in disorders of the acetylcholine synthesis [with summary in English]. A A. Uzhekov. Arkh. pat. 21 no. 10 45-49 '59

Regeneration of islet tissue under various nutritional conditions and in hypo- and hyperthyroidism [with summary in English] L N Kuleshova Biul eksp biol. i med. 51 no. 5 94-98 My '61

Role of the pancreas in changes observable in some components of protein metabolism and morphological composition of the blood. G. F. Milushkevich, I M. Dzhakson. Fiziol. zhur. 47 no. 8:983-989 Ag '61

Role of the vascular factor in the hormonal mechanism of pancreatic excitation [with summary in English] F K Kuznetsova, I. T. Kurtsin Biul. eksp. biol i med 51 no 5:14-18 My '61.

PANCREAS—DISEASES

Pancreatic lesions in rheumatism T. G. Khalafov. Izv. AN Azerb. SSR. Ser. biol. i med nauk no 5:139-149 '61

PANFEROV, FEDOR IVANOVICH, 1896-1960

In the periodical "Oktiabr'" and in life. Aleksandr Drozdov. Oktiabr' 36 no. 9:170-179 S '61

PANSLAVISM

"Slavic committees in Russia, from 1858 to 1876" by S. A. Nikitin. Reviewed by I. M. Kulinych Ukr ist zhur. 5 no. 5:151-152 S-O '61

Slavic solidarity in the works of Transcarpathian enlighteners of the mid-nineteenth century T. M. Chumak Dop. ta pov. UzhDU, Ser. filol. no 2 26-29 '58

PANTOGRAPH

Ulanovskii, O. O. [Universal devices for engraving work] Universal'nye prisposobleniia dlia gravernykh rabot. Leningrad, 1961. 13 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Opyt novatora. Seriia: Mekhanicheskaia obrabotka metallov, no. 3)

PAPER

Continuous grinding of pulp for condenser paper. Sh. M. Karlitskii. Bum. prom. 36 no. 8,13-14 Ag '61.

Rheologic properties of kaolin and its dispersion. IU. N. Klimova. Bum. prom. 36 no. 8:15-16 Ag '61.

PAPER—TRANSPORTATION

Carrying paper in racks. I. A. Tinovitskii. Poligr. proizv. no. 7:22 Jl '61.

PAPER CHROMATOGRAPHY

Photoelectrocolorimetric determination of the quantity of chlorophylls a and b [with summary in English]. O. H. Sud'ina, L. A. Sirenko. Dop. AN URSR no. 7 960-963 '61.

PAPER-CUTTING MACHINES

(see also subdivision under Yalta)

The "BRP-2" and "BRR-70" paper-cutting machines. I. M. Nestor, G. N. Mazalev. Poligr. proizv. no. 8, 17-18 Ag '61.

PAPER INDUSTRY

(see also subdivision under Italy; Kaunas)

From the pages of foreign magazines. Bum. prom. 36 no. 8:31-32 Ag '61.

Highly qualified engineering personnel for the woodpulp and paper industries. N. M. Kostin. Bum. prom. 36 no. 8:4-6 Ag '61.

Lowering the consumption of fiber in the production of grade I printing paper. I. Sh. Gekhtman, I. P. Pavlov. Bum. prom. 36 no. 8:17-18 Ag '61.

"Prospective development and expansion of the raw materials supply for the woodpulp and paper industry," by Kh I Dzhalilov. Reviewed by A V. Chirkov. Bum prom. 36 no. 8 30-31 Ag '61

We shall greet the 22d Congress of the CPSU with new industrial achievements. Bum prom. 36 no 8 2-3 Ag '61

PAPER INDUSTRY—ACCOUNTING

For a right decision. S. A. Shkarin. Bum. prom. 36 no. 8:7 Ag '61.

How to introduce the keeping of records in the metric system in the paper industry. M M Kopantsev. Bum. prom. 36 no. 8:6 Ag '61.

PAPER WORK

Little children draw patterns T. S. Zernova Doshk vosp 34 no 9 40-41 S '61

PAPERMAKING MACHINERY

(see also subdivision under Canada)

Grinding journals of drying cylinders. A. I. Tikhobrazov. Bum prom. 36 no. 8:21 Ag '61.

Selectifiers instead of knotters. A. F. Minder, E. I. Sorokina. Bum. prom. 36 no. 8:20-21 Ag '61.

A standardized automatic sheet paper cutter is needed A. I. Urchenko, E. A Nikhamkin, V K Kagan Bum prom. 36 no. 8:24 Ag '61.

PAPOV, SERGEI IVANOVICH

Actor Sergei Papov. Mikhail Sergeenko. Teatr 22 no 9 79-88 S '61

PARABOLOID

Short-wave asymptotic expressions for Green's functions of a paraboloid of revolution (axisymmetric case) V I Ivanov Zhur. vych. mat i mat. fiz. 1 no. 1 90-104 Ja-F '61.

PARACHUTE TROOPS

Education of the brave. V. Kuprianov. Komm. Vooruzh. Sil. 1 no. 6 39-41 Mr '61.

PARACHUTES

Storage of parachutes. A. G. Annenkov. Vest. Vozd. Fl. no. 8,63 Ag '61.

PARACHUTES—TESTING

They made it themselves. M. I. Afanas'ev. Vest. Vozd. Fl. no. 7:76 Jl '61.

PARACHUTING

Alekseev, S. M., and others, [Modern means for abandoning an airplane in an emergency] Sovremennye sredstva avarinogo pokidaniia samoleta. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1961. 450 p.

Combined parachute jumps. S Kiselev. Kryl. rod 12 no. 8 8-9 Ag '61.

Discipline in parachuting. D. Zhornik. Kryl. rod 12 no 8 10 Ag '61.

The road to mastership is hard. IU. Zel'venskii. Kryl rod 12 no. 8 6-7 Ag '61.

PARACHUTING—SOCIETIES, ETC.

(see also subdivision under Balashov)

Green light to active clubs Kryl. rod. 12 no. 8-11 Ag '61

PARAFFIN WAX

Continuous oxidation of paraffins in foamy phase. V. M. Sedachev Proizv smaz mat no. 6/8;87-98 '61

Dewaxing of oil wells by the rapid physicochemical method. A. S. Suleimanov. Azerb. khim zhur. no. 3: 107-113 '60

Effect of solid hydrocarbons on the solidification point of light oils from the Surakhany selected crudes. M R. Musaev. Azerb khim zhur. no 1;11-15 '61.

Limit of the possible lowering of the solidification points of oils by dewaxing. N. F. Bogdanov, E. M. Breshchenko. Azerb. neft. khoz. 39 no. 1:33-36 Ja '60.

Low-molecular paraffins as a prospective raw material for manufacturing lubricants. P. G. Gushanskaia. Proizv. smaz mat. no. 6/8;35-45 '61.

Technology of the production of synthetic fatty acids, derived from the oxidation of paraffin wax, and their use in manufacturing lubricating greases M. A. Soskin. Proizv smaz. mat. no. 6/8;67-77 '61.

PARAFFINS

Chemical processing of oil reservoir gases of Azerbaijan. Report No. 2: Dehydrochlorination of polychloro derivatives. Sh. B. Aliev. Azerb. khim zhur. no. 4:45-55 '60.

Using partition chromatography for the separation of low molecular weight acids obtained in the oxidation of soft paraffins. P. G. Gushanskaia and others. Khim. i tekh topl. i masel 6 no. 8:31-35 Ag '61.

PARAFFINS—THERAPEUTIC USE

Change in methodology for paraffin therapy. V. V. Kuryev. Voen -med. zhur. no. 6:80 Je '61.

PARALLELS (GEOMETRY)

Comments on Nasir al-Din al-Tusi's treatise on parallel lines. B. A. Rozenfel'd, A. P. Ushkevich. Ist. -mat. issl. no. 13:525-532 '60.

Treatise on the theory of parallel lines by Nasir al-Din al-Tusi. B. A Rozenfel'd, A. P. Ushkevich Ist -mat issl. no 13:476-532 '60

Treatise which dispels any doubts with regard to parallel lines [translated for the Arabic] Nasir al-Din al-Tusi Ist. -mat. issl. no 13 483-524 '60

PARALYSIS, INFANTILE see Poliomyelitis

PARALYSIS, SPASTIC

Prosthesis for children with Little's disease E. M Grigor'eva. Ortop , travm i protez no 5:39-44 '61

PARAMAGNETIC RESONANCE AND RELAXATION

Analysis of the spectrum of electron paramagnetic resonance of the V^{3+} ion in corundum (Al_2O_3) D. K. Rei Fiz. tver tela 3 no 8:2214-2222 Ag '61

Appearance of hypersound at the saturation level of paramagnetic resonance in crystals U Kh. Kopvillem, V D Korepanov Fiz tver tela 3 no 7 2014-2022 Jl '61

Covalent bond theory for cobalt salts and analysis of the spectrum of paramagnetic resonance of Co^{2+} in corundum D. K. Rei. Fiz tver tela 3 no 8:2223-2239 Ag '61.

Cross paramagnetic relaxation in crystals with an anisotropic g-factor U Kh. Kopvillem. Izv vys. uchch zav , fiz no. 3:50-55 '61

Electron paramagnetic resonance of the Fe^{3+} ion in corundum [with summary in English] L S Kornienko, A M Prokhorov Zhur eksp i teor fiz 40 no 6:1594-1601 Je '61

Electronic paramagnetic resonance in natural chrysoberyl V. M. Vinokurov and others Fiz tver. tela 3 no. 8:2475-2478 Ag '61

Nature of spin-lattice interaction in chromium corundum [with summary in English] Part I G M Zverev. Zhur. eksp. i teor. fiz 40 no 6.1667-1671 Je '61

Paramagnetic resonance in metallic aluminum . A. A Galkin, V P. Naberezhnykh. Zhur eksp i teor fiz 40 no. 6:1876-1877 Je '61

Paramagnetic resonance in the salts $TiCl_3 \cdot 6H_2O$ and $Ti_2(SO_4)_3 \cdot 4H_2O$ V I Avvakumov and others Fiz tver. tela 3 no 7 2111-2114 Jl '61

Paramagnetic resonance of Mn^{2+} in SrS [with summary in English] A A Manenkov, A. M. Prokhorov Zhur eksp. i teor. fiz 40 no 6:1606-1608 Je '61.

PARASITES

Similarity in the phenomenon of encapsulation in intratissular parasites of plants and animals E I. Slepian Dokl. AN SSSR 139 no 5 1269-1272 Ag '61

PARASITES—BEE EATERS

Skrjabinoporus gen nov (Cestoda Cyclophyllidea) A A Spasskii, L. F. Borgarenko Izv Otd sel'khoz i biol nauk AN Tadzh SSR no 1 113-118 '60

PARASITES—BIRDS

Nematodes from game birds of Tajikistan. L. F. Borgarenko Izv Otd sel'khoz i biol nauk AN Tadzh SSR no 1:119-133 '60.

PARASITES—CAMELS

Trichostrongylid fauna of the ahomasum in two-hump camels of Azerbaijan S. M Asadov, M I. Kolesnichenko. Izv AN Azerb SSR Ser biol. i med. nauk no. 5: 61-63 '61.

PARASITES—FISHES

Origin of some amphiboreal gadoid and clupeoid fishes in connection with the composition of their parasite fauna [with summary in English]. A. N. Svetovidov Zool. zhur. 40 no. 9:1335-1344 S '61

Regular patterns and characteristics of the formation of the parasite fauna of fishes in reservoirs of lowland rivers in the European part of the U.S.S.R. [with summary in English]. V. P. Stoliarov. Zool. zhur. 40 no. 8 1125-1136 Ag '61.

Systematic of Urceolariidae (Infusoria, Peritricha) [with summary in English]. G. A. Shtein. Zool. zhur. 40 no. 8:1137-1142 Ag '61.

PARASITES—MOTHS see subdivision under Nakhichevan A.S.S.R.

PARASITES—STURGEONS

Cytological characteristics of free-living stages in the development of Polypodium hydriforme. E. V. Raikova. TSitologiia 3 no. 4:396-408 Jl-Ag '61.

PARASITOLOGY

Pavlovskii, E. N. [General problems of parasitology and zoology] Obshchie problemy parazitologii i zoologii. Moskva, Izd-vo Akad. nauk SSSR, 1961. 424 p.

PARASYMPATHETIC NERVOUS SYSTEM see Nervous system, Parasympathetic

PARCEL POST see subdivision under Moscow

PARENT AND CHILD

Father as a teacher. N. Levitov. Sem'ia i shkola 16 no. 8:7-9 Ag '61.

Girl on a ball. Viktor Dragunskii. Ogonek 39 no. 25: 30-31 Je '61.

You, daddy! A. Dorokhov. Nauka i zhizn' 28 no. 8:86-87 Ag '61.

PARFENOV, ALEKSANDR MIKHAILOVICH, 1901-1960

Aleksandr Mikhailovich Parfenov Obog. i ud 5 no.1: 56-57 '60

PARIS—ESPIONAGE, AMERICAN

"Taciturn American" in Paris. Paul Leveque. Nov. vrem. 19 no.36 11-13 S '61.

PARIS—PHOTOGRAPHY—EXHIBITIONS

Notes from the Paris Exhibition. A. Plessys. Sov. foto 21 no 8:25 Ag '61

PARLIAMENTUM (THE WORD)

Interpretation of the word "parliamentum" in England in the 13th and the early 14th centuries [with summary in English]. E. V Gutnova. Sred veka no 20 56-74 '61

PAROLE

Legal consequences of the actions of parolees who have abused the trust of workers. V. I. Sletkin. Vest. Mosk un. Ser. 10 Pravo 16 no. 3:44-46 Jl-S '61.

Public prosecutors's contacts with control committees N. Beliakin. Sots zakon 38 no. 9 69-70 S '61

PAROTID GLANDS

Problem of regenerating rat parotid glands [with summary in English]. A G. Babaeva, R. S Bugrilova Biul eksp. biol i med 51 no 5 92-94 My '61

PARQUET FLOORS

Rolled parquet floors I Kopylov. Zhil. stroi no. 7:35 Jl '61

PARTICLE ACCELERATORS

Effect of spatial charge on electron bunching in a traveling-wave linear accelerator. G I. Zhileiko. Zhur. tekh. fiz. 31 no. 4:506-507 Ap '61.

Experiments on the electrodynamic acceleration of plasma. L F. Kvartskhava, R. D. Meladze, K V Suladze. Zhur tekh. fiz 30 no. 3:293-296 Mr '60

Flight time factor for a proton linear accelerator V. S Kladnitskii Zhur tekh fiz 30 no 2 175-185 F '60

Load characteristics of a traveling-wave linear electronic accelerator. G. I Zhileiko. Zhur. tekh fiz 31 no. 4:502-505 Ap '61.

Problems concerning the calculation of linear electron accelerating devices A. V. Shal'nov, A A. Glazkov. Izv. vys ucheb. zav., radiotekh 3 no. 6 598-604 N-D '60

PARTICLE SIZE DETERMINATION

Determining the boundary dimensions of a grain moving in a suspension. I M. Verkhovskii, V. N. Shokhin Obog. rud 4 no 6 3-7 '59

Effect of freezing on the properties of metal hydroxide coagulates. Part 4: Manganese dioxide coagulate [with summary in English]. V. V. Vol'khin, V L. Zolotavin, S. A. Tipikin. Koll. zhur. 23 no. 4:404-407 Jl-Ag '61.

New method for determining the efficiency of the deposition of aerosols from a flow on a stationary cylinder [with summary in English]. L. V. Radushkevich Zhur fiz. khim. 35 no. 8:1870-1873 Ag '61.

Specific surface of comminution products. V. A. Olevskii. Obog. rud 5 no. 6:20-26 '60.

PARTICLES (NUCLEAR PHYSICS)

Accuracy of the adiabatic invariant of a particle in a high density plasma [with summary in English] A. M. Dykhne. Zhur. eksp. i teor. fiz. 40 no 3:863-865 Mr '61.

Achromatic magnetic mirrors V. M. Kel'man, S. IA. [illegible] no. 2:129-

gy

Quantum kinetic equation in the presence of mutual entrainment of electrons and phonons [with summary in English]. L. E. Gurevich, G. M Nedlin Zhur eksp i teor. fiz 40 no. 3 809-818 Mr '61

Radiation of polarized beams of single-electron atoms. A S Stepanov. Izv vys ucheb zav , fiz no 3 35-41 '61.

Studying the mechanics of dustlike particles. Zh. Tekenov Izv AN Uz. SSR Ser fiz -mat nauk 3:43-47 '61

Superbarrier reflection of high-energy particles [with summary in English] V L Pokrovskii, I M. Khalatnikov. Zhur eksp i teor fiz 40 no 6,1713-1719 Je '61

Two-parameter table of elementary particles. B. I Rusak Izv AN Uz SSR Ser fiz.-mat nauk 3 85-86 '61

PARTICLES, DYNAMICS OF see Dynamics of a particle

PASTERNAK, LEONID OSIPOVICH, 1862-1945

L. O. Pasternak. Vat. Bulgakov. Iskusstvo 24 no. 7: 65-67 '61.

PASTRY

More about the quality control of pastry goods. V. Sergeev. Obshchestv. pit. no. 7:29 Jl '61.

PASTURES AND MEADOWS

(see also subdivision under Badkhyz; Chernigov Province, Kustanay Province; Lvov Province; Transili Ala-Tau)

Andreev, N. G. [Feed supply] Kormovaia baza. Moskva, Izd-vo "Znanie," Vses. ob-va po rasprostraneniiu polit. i nauchn. znanii, 1961. 37 p. (Narodnyi universitet kul'tury Sel'skokhoziaistvennyi fakul'tet, no. 6)
(DA)

Establish water supply systems on extensive pasture areas. M. Zozulia. Nar. khoz. Kazakh. 19 no. 8 73-77 Ag '61.

Larin, I. V. [Pastures; their utilization and care] Pastbishcheoborot, sistema ispol'zovaniia pastbishch i ukhoda za nimi. Izd. 3., perer. i dop. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 250 p.
(DA)

Vsesoiuznaia akademiia sel'skokhoziaistvennykh nauk imeni V. I. Lenina. [Zonal division of forage plants in the U. S. S. R.] Organizatsiia kormoproizvodstva po zonam SSSR. Pod red. I. V. Larina, A. P. Movsisiantsa, B. A. Karunina. Moskva, Izd-vo M-va sel'khoz. SSSR, 1960. 322 p.
(CU)

PATENT LICENSES

Patent library. Izobr. i rats no. 9 34-35 S '61.

PATENTS

(see also subdivision under United States)

[Bulletin on inventions.] Biul. izobr. 38 nos. 14-15 Jl-Ag '61.

PATHOANATOMICAL SOCIETIES see subdivision under Bukovina; Crimean Province; Kharkov Province; Ufa

PATOM PLATEAU—GEOLOGY, STRUCTURAL

Tectonics of the northern parts of Patom Plateau. S. V. Ruzhentsev, Chzhan Bu-chun' (Chang pu-Ch'uo). Izv. AN SSSR. Ser. geol. 26 no. 9:37-48 S '61.

PATORZHINSKII, IVAN SERGEEVICH, 1896-1960

Stefanovich, M. P. [Ivan Sergeevich Patorzhinskii, People's Singer of the U. S. S. R.] Ivan Sergeevich Patorzhinskii, narodnyi artist SSSR. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1960. 38 p. (Dekada ukrains'koi literatury ta mystetstva)
(MH)

PATRIOTISM

Inculcating the spirit of patriotism in fifth-grade students during history lessons. IU. I. Patlazhan. Ukr. ist. zhur. 5 no. 5:97-100 S-O '61.

PAVLODAR—AIRPORTS

New air stations. E. Sorokin. Grazhd. av. 18 no. 7:23 Jl '61.

PAVLODAR—CONSTRUCTION INDUSTRY

Speed up the aluminum plant construction. A. Panichev. Nar. khoz. Kazakh. 19 no. 8:36-40 Ag '61.

PAVLODAR PROVINCE—LAKES

Salt lakes. G. G. Muraviev. Trudy Otd. geog. AN Kazakh. SSR no. 8:174-181 '61.

PAVLYCHKO, DMYTRO VASYL'OVYCH, 1929-

"Rapids," "A day," and "Sentry duty"; verse by Dmytro Pavlychko. Reviewed by Musii Bogutskii. Sov. Ukr. 11 no. 9:173-176 S '61.

PEACE

Christianity and the cold war. Brat. vest. no. 2:6-7 '61.

Let us dissipate the storm clouds of war. N. Voronezhskii. Brat. vest. no. 3:23-24 '61.

Peace and justice. J. L. Hromadka. Brat. vest. no. 2: 37-39 '61.

Peace is a golden dream of mankind. V. Kulikov. Brat. vest. no. 3 40-41 '61.

Peace on earth. N P. Konpolev. Brat. vest. no. 3:6-8 '61.

Saint-Simon and the idea of universal peace [with summary in French] I S. Andreeva. Vest. ist. mir. kul't. no 4.44-55 Jl-Ag '61.

Sincere remarks. Znamia 31 no. 9:5-8 S '61,

Thoughts on peace on earth. IA. I. Zhidkov. Brat. vest. no. 2:17-19 '61.

To christians of the East and West. A. V. Karev. Brat. vest. no. 2 51 '61.

To Christians of the entire world. Brat. vest. no. 2:12 '61.

War is our common enemy. Brat. vest. no. 2:76 '61.

PEACE—CONGRESSES

Kotov, M. I., and O. N. Bykov. [This is all people's business] Delo vsekh narodov. Moskva, Izd-vo "Znanie," 1961. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 7, Mezhdunarodnaia, no. 14)

PEAR

Effect of rootstock on the first fruiting of pear hybrids. I. Kh. Shydenko. Visnyk sil'hosp. nauky 3 no. 4:33-36 Ap '60.

PEAS

(see also subdivision under Virgin Territory)

Expanding the cultivation of peas [with summaries in English, German, and French]. V. S. Fedotov. Vest. sel'khoz. nauki 6 no. 8:28-36 Ag '61.

Improved processing of peas and cereals in manufacturing food concentrates. A N. Romanov, and others Trudy VNIIKOP no 10:16-29 '59

Pea concentrates which do not need cooking. E. N. Volkov, O. V. Verkhoshanskaia. Trudy VNIIKOP no. 10:3-15 '59

Sowing peas along with wheat. E. V. Bagaeva. Trudy OmSKhI 43:73-81 '61.

PEAS, CANNED

Canned pea puree with smoked lardon. I. A. Voloshchuk, M. I. Andreev. Kons. i ov. prom. 16 no. 9. 21-23 S '61.

PEASANT UPRISINGS

(see also subdivision under Azerbaijan; Great Britain)

"Studying peasant uprisings in medieval history classes" by H. I. Pidlutskyi. Ukr. ist. zhur. 5 no. 5:144-146 S-O '61.

PEASANTRY

(see also subdivision under Norway; Tver Government; Ukraine)

Kurganov, I. A. [New stage in the socialist reconstruction of Russia; review of the social conditions of the peasantry during the period of current agricultural reform] Novyi etap v sotsial'noi rekonstruktsii Rossii; obzor sotsial'nogo polozhenila krest'ianstva v sviazi s novoi perestroikoi sel'skogo khoziaistva. [Frankfurt/Main, 1958] 54 p. (Biulleten' izdaetsia Komitetom za prava i svobodu v Rossii)
(CLSU)

PEAT

Comparative study of mechanical and chemical methods changing peat dispersity [with summary in English]. M. P. Volarovich, I. I. Lishtvan, N. V. Churaev. Koll. zhur. 23 no. 4:399-403 Jl-Ag '61.

Exothermal and endothermal reactions in the decomposition of peat [with summary in English]. V. A. Filimonov, V. E. Rakovskii. Inzh.-fiz. zhur. 4 no. 3:18-25 Mr '61.

Parnov, E. I., and R. B. Orshanskii. [Restored sun; about peat] Vozvrashchennoe solntse; o torfe. [Moskva] Gos. izd-vo sel'khoz. lit-ry, 1960. 87 p.

"Peat in construction", by F. P. Vinokurov, A. E. Teterkin, M. A. Piterman. Reviewed by I. S. Livshits. Osn., fund. i mekh. grun. 3 no. 4:32 '61.

Some factors affecting the water permeability of peat. F. P. Vinokurov, M. A. Piterman, A. E. Teterkin. Sbor. nauch. rab. Inst. bud. i arkhit. AN BSSR no. 4:65-69 '60.

PEAT INDUSTRY

Unused potentials of peat production. V. Masiuk. Sots. trud 6 no. 8:73-75 Ag '61.

PEAT INDUSTRY—QUALITY CONTROL see subdivision under Spasskiy District

PEAT MACHINERY

New equipment designed by the technical design bureaus of peat winning and transportation enterprises. N. F. Shcheptev. Biul. tekh.-ekon. inform. no. 7:21-22 '61

PEAT SOILS

Distribution of stresses in peat soils under a rigid stamp. F. P. Vinokurov, A. E. Teterkin. Dokl. AN BSSR 5 no. 8:361-363 Ag '61.

PECHORA BASIN—COAL MINES AND MINING

One brigade operates on two faces V. Zakharkin, A. Klfuzhev, N. Artamonov. Sov. shakht, 10 no. 9: 18-19 S '61.

PECHORA BASIN—GEOLOGY, STRATIGRAPHIC

Participation of the ice factor in the formation of Jurassic deposits in the northern part of the Pechora synecluse. V. P. Abramov, V. I. Belkin, L. L. Khaitsel Dokl AN SSSR 139 no. 6 1419-1122 Ag '61

PECHORA BASIN—MINE GASES

Effect of geological conditions on the accumulation and distribution of gases in coal deposits of the Pechora Basin B. M. Zimakov Izv. vys. ucheb. zav., geol i razv 4 no. 7 78-92 Jl '61

PECHORA BASIN—PALEOGEOGRAPHY

Vorkuta Lagoon during the Permian period F. I. Entsova Dokl AN SSSR 139 no. 5 1165-1166 Ag '61

PEDDLERS AND PEDDLING see subdivision under Dzhalagash District

PEDIATRICS

Agammaglobulinemia, hypogammaglobulinemia, and its significance in pediatrics (review of the literature) E. A. Nadezhdina Pediatriia no. 9 56-62 '61

PEENING see Shot peening

PEGMATITES

Efficient equipment for obtaining high-quality pegmatite. M. P. Boginskii, B. I. Gnidash, V. N. Glushchenko. Stek i ker. 18 no. 8:31-33 Ag '61.

Some regularities in the distribution of rare metal pegmatite fields. A. I. Ginzburg. Trudy IGEM no. 41 37-47 '61.

PEKARSKII, EDUARD KARLOVICH, 1858-1934

Kharitonov, I. N., ed. [Eduard Karlovich Pekarskii; on the 100th anniversary of his birth] Eduard Karlovich Pekarskii; k 100-letiiu so dnia rozhdeniia. IAkutsk, IAkutskoe knizhnoe izd-vo, 1958. 53 p. (MIl)

PELAGIADA—REINFORCED CONCRETE

Competing in honor of the 22d Congress of the CPSU. V. M. Zlnov'ev. Stroi. truboprov. 6 no. 7:3 Jl '61.

PENDULUM

Pendulum apparatus for determining the coefficient of rolling friction. I. A. Kunin, V. D. Rabko Izv. Sib. otd AN SSSR no. 8:116-119 '61

PENETROMETERS

Determining the compressibility of bread crumb on a penetrometer. I. IA. Auerman, M. A. Suvorova, L. V. Tikhomirova. Izv. vys. ucheb. zav.; pishch. tekh. no. 3: 135-138 '60.

PENICILLIN

Anaphylactic shock ending fatally following administration of penicillin. O. I. Kharitonov Pediatriia no. 9 78 '61.

Anaphylactic shock following administration of penicillin. A. A. Ibanov Voen.-med. zhur. no. 5 40-41 My '61.

Delayed surgical treatment of infected wounds of the soft tissues and the use of bicillin in victims of penetrating radiation (experimental study) G. N. TSyhylitak Voen.-med. zhur. no. 6, 22-26 Je '61.

Role of penicillin in the prevention and treatment of pneumonias in combined injuries. K. P. Moldovskii. Voen.-med. zhur. no. 6, 75-76 Je '61.

So-called penicillin epilepsy in the hospital A. F. Panichev Voen.-med. zhur no. 5 37-40 My '61

PENMANSHIP

Psychological analysis of the first stage in teaching reading and writing [in Azerbaijani]. M. R. Abbasov Trudy Azerb. gos. zaoch. ped. inst. 6:55-81 '59.

PENSIONS

Procedures for awarding and paying pensions to the militarized guards of ministries and governmental agencies not covered by the state social insurance, article 7 of the procedures for awarding and paying state pensions). Biul. Gos. kom. po vop. truda i zar. platy no. 6:25 '61.

PENTATHLON

Five finishes. V. Viktorov. Ogonek 39 no. 35:30-31 Ag '61.

PENTOSES

Reaction of pentoses and amino acids in distilling brandy from wine. V. V. Bazilevskii. Izv. vys. ucheb. zav.; pishch. tekh. no. 3:37-43 '60.

PENZA PROVINCE—MACHINERY INDUSTRY

They fulfill their pledges. A. Miaksheva. NTO 3 no. 9: 27 S '61.

PENZA PROVINCE—TILES, ROOFING

Manufacture of cement-sand tile. M. Solomanidin. Sel' stroi. 16 no. 7:10 Jl '61.

PEPPER—PRESERVATION

Improving the process of pepper stuffing. V. A. TSaplin. Kons. i ov. prom 16 no. 6, 15-16 Je '61

PEPTIC ULCER

Method for detecting neural elements in the stomach wall in peptic ulcer by impregnation with silver nitrate V. A. Kuznetsov. Arkh. pat 21 no. 9, 74 '59.

Use of the neuroblocking preparations gastripon and gastrohamate. G. L. Levin, A. I. Abaev. Klin. med no. 7 53-56 '61.

PERCEPTION

The adjusting significance of Charpentier's phenomenon K. D. TSintsadze. Soob. AN Gruz. SSR 26 no. 4 505-511 Ap '61

Effect of exercises on the ability to read control instruments T. I. Zhukova, K. K. Platonov. Dokl. APN no. 1: 7-8 '61.

Interrelation of perception and the naming of colors by preschool children; experimental research Z. M. Istomina Izv. APN no. 113, 76-102 '60

Perception and the naming of colors in early childhood. Z. M. Istomina. Izv. APN no. 113:103-113 '60

Soveshchanie po psikhologii. [Summaries of papers to a conference on psychology] Tezisy dokladov. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1953. 67 p.

PERCH see subdivision under Pskov Province; Volga Delta; Volga River

PERCHLORATES

Investigation of metal perchlorates. A. M. Holub Visnyk Kyiv. un. no. 2 Ser. fiz. ta khim no. 1 105-107 '59

PERCHLORATES—SPECTRA

Infrared absorption spectra of aqueous solutions of some perchlorates in the region of the fundamental frequency of O - H valence oscillations (with summary in English) S. A. Shchukarev and others. Vest. LGU 16 no. 16:120-124 '61.

PERELMAN, V.

A girl grew up ("A girl came from the city" by F. Medvedev, V. Perel'man, Reviewed by I. Klitucharева). Sem'ia i shkola 16 no. 8:43-44 Ag '61

PERENNIALS

Perennials wintering in the open I. P. Ignat'eva. Doshk. vosp. 34 no. 9 90-96 S '61.

PEREPADNAYA HYDROELECTRIC POWER STATION—DAMS

Construction of dams from loess soils on settling foundations; method of mechanized dumping of loess into water. N. N. Frolov. Nauch. zap. MIIVKH 23:197-209 '60.

Investigating the compaction of loess foundations under hydraulic structures. N. N. Frolov. Nauch. zap MIIVKH 23:171-196 '60.

PERFUMES

Fridman, R. A. [Consumers' information about perfumery and cosmetics] Pokupatelu o parfiumerii i kosmetike. [Leningrad] Gostorgizdat, 1961. 191 p.

PERIODIC FUNCTIONS see Functions, Periodic

PERIODICALS, JUVENILE see Children's periodicals

PERIODICALS, MOLDAVIAN

"The 'Kommunist Modavii' and party propaganda." Polit. samoobr. 5 no. 9:158 S '61.

PERITONITIS

Concerning S. B. Tlatov's article "Chill as an early symptom of perforative peritonitis." M. S. Ambartsumian. Klin. med. no. 7:148-149 '61.

PERLITE (MINERAL)

(see also subdivision under Armenia; Azerbaijan)

Light and superlight articles based on perlite are introduced into mass construction P. P. Budnikov and others. Stroi. mat. 7 no. 8, 8-15 Ag '61

PERM—METAL CUTTING

A saving of metal. A. Baum. Na stroi. Ros. no. 7:20 Jl '61.

PERM—RAILROADS

Consolidated transportation units. E. IA. Tartakovskii Zhel. dor. transp. 43 no. 8:80-81 Ag '61.

PERM PROVINCE—TECHNOLOGICAL INNOVATIONS

Fulfillment of the plan for developing and introducing equipment in enterprises of the Perm Economic Coun Biul. tekh.-ekon. inform. no. 7:86 '61.

PERMAFROST see Frozen ground

PERMALLOYS—HEAT TREATMENT

Effect of low-temperature annealing on the plasticity of permalloys. B. D. Gurevich. Metalloved. i term. obr. met. no. 8:51-53 Ag '61.

PERMEABILITY

Basic equations of the permeability of compressible porous media. Ban Akoun, K. S. Basniev, V. N. Nikolaevskii. PMTF no. 3 52-55 S-O '61.

PERMITTIVITY see Dielectric constants

PEROXIDES

Mechanism of radical and peroxide inactivation by natural tissue antioxidants. A. I. Zhuravlev, A. I. Polivoda, B. N. Tarusov. Radiobiologiia 1 no. 3 321-324 '61.

1, 1-Bis-acylperoxy-dicyclohexyl peroxides IU. A. Ol'dekop and others Dokl. AN SSSR 139 no. 5 1117-1120 Ag '61

PERSIA see Iran

PERSIAN MANUSCRIPTS see Manuscripts, Persian

PERSPIRATION

Regulation of radiant heat emission and diaphoresis in children with toxic pneumonias N. B. TSariuk Pediatriia no. 9 21-26 '61

PERU CURRENT

Structural characteristics of water masses of the Peru Current. A. V. Fomichev. Trudy Inst. okean 40:83-92 '60.

PESCHANYY ISLAND—OIL WELL DRILLING

Meeting and overcoming complications in drilling in the Peschanyy Island fields. B. A. Guliev Azerb. neft. khoz 40 no. 1:13-15 Ja '61

PETRA, JORDAN—ANTIQUITIES

Enchanted city of the Nabataeans. Iri Ganzelka, Miroslav Zikmund. Vokrug sveta no. 8:56-58 Ag '61

PETROCHEMICALS see Petroleum chemicals

PETRODVORETS—ARCHITECTURE

Arkhipov, N. I., and A. G. Raskin. Petrodvorets. Leningrad, Gos. izd-vo "Iskusstvo," 1961, 330 p.

Fedorova, N. N., and A. G. Raskin. Petrodvorets. Izd. 2., Leningrad, Gos. izd-vo lit-ry po stroit. i arkhit., 1955. 125 p. (Arkhitekturnye ansambli prigorodov Leningrada)

PETROLEUM

Brief news from abroad. Neft. khoz. 38 no. 4:65-68 Ap '60.

PETROLEUM—ANALYSIS

(see also subdivision under Azerbaijan, Khaudag; Kzyl-Tumshuk)

From the publisher. G. D. Gal'pern. Metod. anal. org. soed. nefti, ikh smes i proizv. no. 1 3-5 '60.

Functional analysis of nitrogen bases and amines and group analysis of petroleum nitrogen compounds. N. N. Bezinger, G. D. Gal'pern Metod. anal. org. soed. nefti, ikh smes. i proizv no. 1 141-169 '60.

Hydroaromatic hydrocarbons of the fraction 140-175°C in crudes of the lower formation of the Karachukhur Field. B. F. Pishnamazzade and others. Azerb. khim. zhur. no. 3:65-75 '60.

Present state of knowledge of the geochemistry of porphyrins and their role in the solution of certain problems in petroleum geochemistry O. A. Radchenko Azerb. khim. zhur. no. 3:147-153 '60

Study of sulfur compounds of petroleum in the Soviet Union. V. G. Luk'ianitsa, E. N. Karaulova, G. D. Gal'pern Metod. anal. org. soed. nefti, ikh smes i proizv. no. 1 6-20 '60.

PETROLEUM—DICTIONARIES

Valuable reference book ("English-Russian dictionary on petroleum by E. IU. Izraileva. Reviewed by S. Galkin). Neft. khoz. 38 no. 4:71-72 Ap '60

PETI

P

PETROLEUM – REFINING (Continued)

Evaluation of the hydrogenation refining of kerosine fractions on various catalysts. S. A. Sultanov, M. A. Mardanov, S. G. Narodits'kaia. Azerb. khim. zhur. no. 3, 25-29 '60.

Hydrogenation refining of high-sulfur kerosine-gas oil distillates from Arlan crudes. S. P. Rogov and others. Khim. i tekh. topl. i masel. 6 no. 8, 13-19 Ag '61.

Laws of recycling processes in chemical technology. M. F. Nagiev, P. V. Karamzin, T. N. Shakhtinskii. Azerb. khim. zhur. no. 2, 11-21 '60.

Limit of the possible lowering of the solidification points of oils by dewaxing. N. F. Bogdanov, P. M. Breslichenko. Azerb. neft. khoz. 39 no. 1, 33-36 Ja '60.

Obolentsev, R. D., and A. V. Mashkina. [Hydrogenolysis of organosulfur compounds in oil] Gidrogenoliz seraorganicheskikh soedinenii nefti. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 143 p.

Production of low molecular weight aromatic hydrocarbons from the high boiling petroleum fractions. B. F. Pishnamazzade, L. M. Kosheleva, G. N. Suleimanov. Azerb. khim. zhur. no. 5, 17-24 '60.

Study of fuel fractions obtained in the hydrorefining of oil fractions. M. A. Mardanov and others. Azerb. khim. zhur. no. 4, 11-16 '60.

PETROLEUM—STORAGE

Automatization of accounting operations in storage systems for petroleum products. M. IA. Ginzburg, Ch. S. Apalatov. Azerb. neft. khoz. 40 no. 1, 41-44 Ja '61.

Construction of reinforced concrete rectangular tanks for storing petroleum. I. I. Ignatiuk. Stroi. tr. neftepromov. 6 no. 7, 17-18 Jl '61.

PETROLEUM—THERAPEUTIC USE see subdivision under Naftalan

PETROLEUM AS FUEL

Additive for fuel oil. T. Skichko. Neftianik. 5 no. 8, 23 Ag '60.

Combustion of F-12 marine type fuel oil in the tubular uniflow combustion chamber of gas-turbine plants. S. F. Pavlov. Trudy TSNII MPS. no. 214, 63-70 '61.

Combustion of low quality fuels in a vortex combustion chamber with cooled metal walls. B. L. Zharkov, L. K. Kist'iants. Trudy TSNII MPS. no. 214, 71-92 '61.

Dehydration of fuel oil with scavenging air. G. A. Pektemirov. Neft. khoz. 38 no. 1, 53-60 Ap '60.

Determination of the group hydrocarbon composition of clear fuels boiling above benzene. V. D. IAgnopol'skii, L. F. Dolnakova, A. S. Konysheva. Azerb. khim. zhur. no. 3, 99-106 '60.

Determination of the kinetic characteristics of thermally cracked fuel oils. M. F. Nagiev, L. I. Triapina, N. F. Aslanova. Azerb. khim. zhur. no. 5, 57-63 '60.

Optimum decomposition product yield in the thermal cracking of fuel oils. M. F. Nagiev, L. I. Triapina, F. I. Rasulbekova. Azerb. khim. zhur. no. 6, 91-97 '60.

Study of fuel fractions obtained in the hydrorefining of oil fractions. M. A. Mardanov and others. Azerb. khim. zhur. no. 4, 11-16 '60.

PETROLEUM CHEMICALS

Chemical processing of oil reservoir gases of Azerbaijan. Report No. 1. Sh. B. Aliev. Azerb. khim. zhur. no. 3, 49-64 '60.

Dalin, M. A. [Petrochemical syntheses] Neftekhimicheskie sintezy. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1961. 97 p.

Processing oil gases. Neftianik. 6 no. 1, 26-27 Ap '61.

PETROLEUM COKE

Obtaining granular coke on a slow coker. F. Ulanov. Neftianik. 5 no. 8, 14 Ag '60.

PETROLEUM ENGINEERING—STUDY AND TEACHING see subdivision under Groznyy

PETROLEUM GEOLOGY

(see also subdivision under Apsheron Archipelago, Apsheron Peninsula, Asia, Central; Azerbaijan; Caspian Lowland; Caucasus, Emba Valley, Fergana, Tajikistan; Uzbekistan)

Gerber, M. L., and M. F. Dvali. [Natural compressed gases as a probable factor in the migration of petroleum out of mother rocks] Prirodnye szhatye gazy kak veroiatnyi faktor migratsii nefti iz materinskikh porod. Leningrad, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry. Leningr. otd-nie, 1961. 82 p. (Leningrad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy, no. 188)

PETROLEUM INDUSTRY

(see also subdivision under China, India; Pototsk; Rumania; Tuymazy)

Brief news. Neftianik. 5 no. 8, 32 Ag '60.

Brief news from within the country. Neft. khoz. 38 no. 4, 63-64 Ap '60.

Conference on the mechanization, automatization, and introduction of new technical methods and equipment in the transportation and storage of petroleum and petroleum products. Neft. khoz. 39 no. 6, 63-66 Je '61.

In the oil regions of our country. Neftianik. 5 no. 8, 30-32 Ag '60.

In the oil regions of our country. Neftianik. 6 no. 1, 30-32 Ap '61.

[Monopoly capital in the petroleum industry of Russia, 1883-1914] Monopolisticheskii kapital v neftianoi promyshlennosti Rossii, 1883-1914, dokumenty i materialy. Moskva, Izd-vo Akad. nauk SSSR, 1961. 793 p.

World-wide petroleum industry in 1960. Neft. khoz. 39 no. 6, 66-70 Je '61.

PETROLEUM INDUSTRY—EQUIPMENT AND SUPPLIES

Safe filling appliances for oil and oil products. M. M. Novikov, P. P. Rakov. Bezop. truda v prom. 5 no. 8, 23-24 Ag '61.

PETROLEUM INDUSTRY—FIRES AND FIRE PREVENTION see subdivision under Neftyanyye Kamni region

PETROLEUM INDUSTRY—MANAGEMENT see subdivision under Ukhta region (Komi A. S. S. R.)

PETROLEUM INDUSTRY—SAFETY MEASURES

(see also subdivision under Azerbaijan)

Safe filling appliances for oil and oil products. M. M. Novikov, P. P. Rakov. Bezop. truda v prom. 5 no. 8, 23-24 Ag '61.

PETROLEUM PRODUCTS

Abramzon, L. S., M. S. Hembitov, and V. IA. Shliderman. [Ejector pumping of petroleum products with high vapor tensions] Ezhektornaia vykachka nefteproduktov s vysokoi upugost'iu parov. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 76 p.

Adsorption chromatography methods used in the study of the composition of heavy pyrolysis tar. P. A. Dartsova. Azerb. khim. zhur. no. 6, 27-32 '60.

Azoliat-A, a synthetic surface active agent based on toluene, pentane-amylene, and higher boiling fractions. M. A. Ashimov, A. Sh. Sultanova, A. I. Ismailova. Azerb. khim. zhur. no. 3, 65-72 '60.

Brief news from abroad. Khim. i tekh. topl. i masel. 6 no. 8, 71-72 Ag '61.

Determination of nitrogen in crude oils and petroleum products by the Dumas micromethod. N. N. Beringer, G. D. Gal'pern, T. I. Ovechkina. Metod anal. org. soed. nefti, ikh smesei i proizv. no. 1, 113-119 '60.

Micro- and semi-microdetermination of sulfur in organic compounds, crude oils, and petroleum products. I. K. Chudakova, G. D. Gal'pern, N. P. Volynskii. Metod anal. org. soed. nefti, ikh smesei i proizv. no. 1, 21-57 '60.

Prospects for the production of raw materials for petroleum chemistry in the petroleum refineries of the U. S. S. R. I. R. Osadchenko, V. I. Klimenko. Khim. prom. no. 8, 519-525 Ag '61.

Sulfur content of Azerbaijan oils and light-colored petroleum products obtained from them [in Azerbaijani with summary in Russian]. I. I. Namazov, G. G. Ashumov, S. A. Ivazova. Azerb. neft. khoz. 39 no. 2, 33-34 F '60.

PETROLEUM PRODUCTS—TESTING

Viscosity of cracking residues. I. D. Sadykhov and others. Azerb. khim. zhur. no. 2, 57-61 '61.

PETROLEUM PRODUCTS—THERMAL PROPERTIES

Experimental determination of thermal conductivity of liquid petroleum products. V. B. Zenkevich. Izv. vys. ucheb. zav., energ. 4 no. 8, 77-82 Ag '61.

PETROLEUM REFINERIES

(see also subdivision under Batum; Groznyy)

Brief news from abroad. Khim. i tekh. topl. i masel. 6 no. 8, 71-72 Ag '61.

We remember the project engineers. V. M. Gromenko. Neftianik. 6 no. 4, 23 Ap '61.

PETROLEUM REFINERIES—EQUIPMENT AND SUPPLIES

Corrosion of the aluminum sheathing of power cables in oil refineries. Z. I. Rudzskii, A. A. Spirin. Azerb. neft. khoz. 39 no. 2, 40-41 F '60.

High temperature corrosion of equipment in catalytic reforming and hydrorefining plants. V. V. Sredin. Khim. i tekh. topl. i masel. 5 no. 8, 41-46 Ag '61.

PETROLEUM WORKERS—DISEASES AND HYGIENE

Akademiia meditsinskikh nauk SSSR, Moscow. [Transactions of an out-of-town session of the Academy of Medical Sciences of the U. S. S. R. in Baku] Trudy vyezdnoi sessii Akademii meditsinskikh nauk SSSR v Baku. Moskva, Gos. izd-vo med. lit-ry, Medgiz, 1961. 335 p.

PETROLOGY

(see also subdivision under Azerbaijan; Balkhan region, Georgia; Khabarovsk region; Kounrad region)

Akramkhodzhaev, A. M. [Lithology of oil- and gas-bearing Cretaceous sediments of the Fergana Valley] Litologiia neftegazonosnykh melovykh otlozhenii Ferganskoi depressii. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, 1960. 430 p.

Current problems of mineralogy and petrography. N. A. Toropov, V. P. Barzakovskii. Vest. AN SSSR. 31 no. 8, 120-121 Ag '61.

PETROLOGY—CONGRESSES

Local news. V. P. Barzakovskii. Tsement. 27 no. 1, 31 Ja '61.

PETROPAVLOVSK-KAMCHATSKIY—AIRPORTS—MANAGEMENT

Demand of working people are growing. V. Fedeeva. Grazhd. av. 18 no. 7, 12 Jl '61.

PETROV, PETR MIKHAILOVICH, d. 1942

Oparin, V. G. [One against six] Odin protiv shesti. Petrozavodsk, Gos. izd-vo Karel'skoi ASSR, 1961. 50 p.

PETROV, VASILII VLADIMIROVICH, 1761-1834

Father of the Russian electric engineering. O. Danilov. Znan. ta pratsia. no. 7, 12 Jl '61.

PETROVSKII, IVAN GEORGIEVICH, 1901-

Ivan Georgievich Petrovskii on his 60th birthday. P. S. Aleksandrov, A. D. Myshkis, O. A. Oleinik. Usp. mat. nauk. 16 no. 3, 219-236 My-Je '61.

PETROZAVODSK REGION—GEOLOGY—FIELD WORK

Biske, G. S., and K. O. Kratts. [Geology field trips in the vicinity of Petrozavodsk] Geologicheskie ekskursii v okrestnosti Petrozavodska. Petrozavodsk, Gos. izd-vo Karel'skoi ASSR, 1961. 86 p.

PHAGOCYTOSIS

Ado, A. D. [Pathophysiology of phagocytes; brief outline of the history and present state of the history of phagocytosis] Patofiziologiia fagotsitov, kratkii ocherk istorii i sovremennogo sostoianiia uchenila o fagotsitoze. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 295 p.

Changes in the phagocytic reaction of the organism due to chemical irritation of the skin by mustard plasters. A. I. Shabalin. Trudy Kirov. otd. Vses. fiziol. ob-va. 1 no. 1, 37-37 '60.

Effect of olfactory stimulations on phagocytic reaction of the human organism. A. I. Shabalin. Trudy Kirov. otd. Vses. fiziol. ob-va. 1 no. 1, 21-31 '60.

PHARMACOLOGY

Characteristics of the chemical composition and some pharmacological properties of medicinal and galenic preparations derived from the leaves of quince grown in Azerbaijan. R. K. Aliev and others. Izv. AN Azerb. SSR. Ser. biol. i med. nauk. no. 6, 117-127 '61.

Eleutherococcus, a new medicinal plant of the ginseng family. I. I. Brekhman. Komar. ehten. no. 8, 3-41 '61.

Materials on the study of the rhizome of water avens. R. K. Aliev, N. D. Aliev, A. Kh. Rakhimova. Dokl. AN Azerb. SSR. 17 no. 6, 519-521 '61.

Scientific conference on experimental study and clinical testing of dimezol. M. A. Rozin. TSitologiia. 3 no. 4, 494-495 Jl-Ag '61.

PHARMACY, MILITARY

Pharmaceutical kit for first aid. IU. V. TSarev. Vest. protivovozd. obor. no. 7, 29 Jl '61.

PHASE RULE AND EQUILIBRIUM

Calculating high temperature thermal capacity of solids. L. I. Ivanova. Izv. vys. ucheb. zav., tsvet. met. 4 no. 4, 45-52 '61.

Connection between the hardness and hardened steel and phase transformation characteristics during rapid electric heating. IU. A. Kocherzhinskii, V. M. Pan. Sbor. nauch. rab. Inst. metallofiz. AN URSR. no. 12, 111-116 '61.

Constitutional diagram of Al-Zn. A. A. Presniakov, IU. A. Gorban', V. V. Cherviakova. Trudy Inst. fiz. AN Kazakh SSR. 4, 85-88 '61.

Discontinuities in heat capacity and the equations of fusion. M. P. Mokhnatkin. Zhur. tekh. fiz. 30 no. 2, 218 F '60.

Effect of alloying elements on changes during the tempering of the mosaic structure and distortions of the crystal lattice of martensite. I. I. Lysak. Sbor. nauch. rab. Inst. metallofiz. AN URSR. no. 12, 124-134 '61.

Equilibrium liquid - liquid in the system acetic acid - water - butane. G. D. Efremova, R. O. Prianikova. Khim. prom. no. 8, 561-566 Ag '61.

Investigating alloys in the system niobium - aluminum. N. A. Nedumov, V. I. Rabezova. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 4, 68-70 Jl-Ag '61.

Investigating alloys in the system titanium - niobium. K. I. Shakhova, P. B. Budberg. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 4, 56-58 Jl-Ag '61.

Investigating the properties of alloys in the system titanium - vanadium - molybdenum. I. I. Kornilov, R. S. Poliakova. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 4, 76-82 Jl-Ag '61.

Investigating the system niobium - molybdenum - chromium. M. I. Zakharova, D. A. Prokoshkin. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 4, 59-67 Jl-Ag '61.

Mechanism of phase transformations in Ti-Cr alloys. V. N. Gridnev and others. Sbor. nauch. rab. Inst. metallofiz. AN URSR. no. 12, 37-45 '61.

Phase equilibria in the acetic acid - nitrogen system. G. D. Efremova, L. A. Makarevich, E. S. Sokolova. Khim. prom. no. 8, 563-564 Ag '61.

ASE RULE AND EQUILIBRIUM (Continued)

Plotting the solidus curve by the method of measuring the microhardness V M Glazov Izv AN SSSR Otd tekh nauk Met i topl no 4 39-42 Jl-Ag '61

State (intensity) of phase transitions [with summary in English]. V. N. Vigdorovich, K. M Rozin, A N Krestovnikov. Zhur fiz khim 35 no. 8:1752-1758 Ag '61

Role of delta-ferrite in martensite transformations in stainless steels L N Belnakov, B.G Livshits, L' M Putak Izv AN SSSR Otd tekh nauk Met i topl no 1 53-55 Jl-Ag '61

Saturated vapor pressure and vapor-liquid equilibrium in the system 2-methyl-5-vinylpyridine—2-methyl-5-ethylpyridine [with summary in English]. A F. Frolov, M. A. Loginova, M. M. Iseleva Zhur fiz khim 35 no. 8 1784-1786 Ag '61

Shape of the curves of thermodynamic simplification near the isotherms of the stratification of ternary solutions [with summary in English] N P Markuzin. Vest. LGU 16 no. 16:77-81 '61

Some data on the $BaTiO_3$--$BaHfO_3$ phase diagram E G Fesenko, O I. Prokopalo Kristallografiia 6 no. 3 468-470 My-Je '61

Speed of sound on the steam-liquid phase equilibrium curve Speed of sound in saturated water vapor V I Avdonin, I I Novikov PMTF no 1 58-62 My-Je '60

Using the theory of normal solutions for the analysis of phase equilibrium curves in the system Fe - Co A G Lesnik, V. P. Skvarchuk Sbor. nauch. trab Inst. metallofiz. AN URSR no 12,102-110 '61

ENANTHRENE

Polarographic determination of anthracene, phenanthrene, and carbazole in by-products of the coke industry. A G. Pozdeeva. Zhur. prikl khim 34 no. 8 1842-1846 Ag '61.

ENANTHRENEDICARBOXYLIC ACID

Stereochemistry of cyclic compounds. Report No 41. Synthesis of geometric isomers of 7-methoxyhexahydro (and octahydro) phenanthrene-1, 2-dicarboxylic acids V M. Andreev, G. M. Segal', V F Kucherov. Izv AN SSSR. Otd khim nauk no. 8 1475-1482 Ag '61

ENETOLE

Alkylation of anisole and phenetole with isoamylenes E A Viktorova and others Izv AN SSSR Otd khim nauk no 8 1518-1519 Ag '61

ENOL

Alkylation of phenol with isobutyl alcohol in the presence of a cation exchange resin (new method of preparing tertiary butylphenol). V. I Isagulients, E. V. Panidi. Zhur. prikl. khim. 34 no. 8 1849-1852 Ag '61.

ENOLOGY

Time of seed ripening in some trees and shrubs at the botanical garden of Turkmenistan L I Sokolova Izv. AN Turk SSR. Ser. biol nauk no 1 89-91 '61

ENOLS

Kinetics of the acid hydrolysis of certain phenol and chlorophenol glycosides B. N. Stepanenko, O. G. Serdiuk Dokl AN SSSR 139 no 5 1132-1135 Ag '61

Preparation of p-tert-butylphenol based on the C_4 fraction obtained from butane dehydrogenation products M A. Dolin, R. E. Spivak, E. F. Burmistrov. Azerb. khim. zhur. no. 6:21-25 '60.

Role of the balance of macroenergy compounds in the activities of the respiratory center [with summary in English]. V. M. Karasik, S. V Osipova. Biul eksp. biol i med 51 no 4.3-7 Ap '61.

ENOLS—SPECTRA

Infrared spectra of alkylphenols and their simple ethers. Report No. 1. Infrared spectra of methylphenols M. A Salimov and others Azerb khim. zhur no. 6:99-105 '60.

ENYLENEDIAMINE

Alkylated amines of the aromatic series. Part 5: Production of primary-quaternary derivatives of p-phenylenediamine. N. A. Zakharova, N V. Khromov-Borisov. Zhur. ob. khim. 31 no. 8 2604-2609 Ag '61.

PHILIPPINES—TYPHOONS

Some synoptic statistical characteristics of typhoons of the Philippine Archipelago. A. IU. Egorova. Trudy GGO no. 122 19-26 '61.

PHILOSOPHY

The crisis of bourgeois philosophy. G. Kursanov. Komm. Vooruzh. Sil 1 no.17:69-77 S '61.

Critical evaluation of the Hegelian concept of subject and object by K. Marx. L. N. Pazhitnov. Vop. filos. no. 6: 35-46 '57.

"Selected philosophical works in five volumes" by G. V. Plekhanov. Reviewed by L. E. IAkobson. Vop. filos. no. 6:173-176 '57.

PHILOSOPHY—BIBLIOGRAPHY see Bibliography—Philosophy

PHILOSOPHY—DICTIONARIES

"Philosophical encyclopedia." Vol. 1. Reviewed by M. P. Baskin and others. Vop. filos 15 no. 9:133-138 '61.

Publication of "Philosophical encyclopedia" Vop. filos. no. 6 216 '57.

PHILOSOPHY—PERIODICALS

Our Rumanian readers discuss the work of our periodical N. V. Zavadskaia. Vop. filos. no. 6 194-198 '57.

PHILOSOPHY—STUDY AND TEACHING

Conferences devoted to the 40th anniversary of the Great October Socialist Revolution. Vop. filos. no. 6 182-184 '57.

A philosophical conference during the Sixth International Festival of Youth and Students. M Kh. Igitkhanian, N V Novikov. Vop. filos. no. 6 198-202 '57.

Philosophical discussions in Warsaw. S. D. Vop filos. no. 6,191 '57.

PHILOSOPHY, AMERICAN

"American pragmatism Peirce, James, and Dewey" [in English] by Edward C Moore Reviewed by IU K Melvil' Vop. filos 15 no. 9 151-158 '61

"Selected works" by John Somerville. Translated from the English Reviewed by E. M Veltsman Vop filos 15 no 9,156-162 '61

PHILOSOPHY, BULGARIAN

"History of Bulgarian philosophy" [in Bulgarian] by G Ghozev Reviewed by B Tsenkov. Vop filos 15 no 9 149-153 '61

PHILOSOPHY, GERMAN—PERIODICALS

"Deutsche Zeitschrift fuer Philosophie" no 6, 1961 Reviewed by W Maltusch Vop filos 15 no 9:167-169 '61

PHILOSOPHY, HUNGARIAN—PERIODICALS

"Vilagossag," a Hungarian periodical. D. I. Balazs. Vop filos. 15 no 9:171-173 '61

PHILOSOPHY, RUMANIAN—PERIODICALS

"Cercetări filozofice," a Rumanian periodical O Necan, V Popescu Vop filos 15 no 9:169-171 '61.

PHILOSOPHY OF NATURE see subdivision under East

PHLOGOPITE see subdivision under Aldan Plateau

PHONOGRAPH

"Sakta" radio-phonograph combination. Radio no 3:25-27 Mr '61.

PHONONS

Bounding and decay of Mott's exciton on phonons and impurity centers. A. A. Lipnik. Fiz. tver. tela 3 no. 8:2322-2330 Ag '61.

PHOSPHATASE

Acid phosphatase in peritoneal vessels and muscle fibers of the abdominal wall of a rabbit. A. A. Savinovskaia. Dokl. AN SSSR 139 no. 6:1467-1470 Ag '61.

PHOSPHATES

Increasing the degree of phosphate decomposition by a partial substitution of nitric acid for sulfuric acid and ammoniation of chamber superphosphate. M N Nabiev and others Uzb khim zhur no 4 3-10 '61

Metabolism in wheat in connection with the application of granulated superphosphate and azotobacterin. L. I. Kulikova. Trudy OmSKhI 43:23-32 '61.

Production of superphosphates from Kara-Tau phosphorites without the use of storage rooms (from nonthickening pulp). M. E. Porin, B. A. Kopylev, A. Seitmagzimov. Zhur. prikl. khim. 34 no. 8.1653-1661 Ag '61.

PHOSPHATES—ANALYSIS

Okuina, V. A. [Methods of chemical analysis of phosphatic ores] Metody khimicheskogo analiza fosfatnykh rud. Pod red. G. A. Markovol. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1961. 142 p.

PHOSPHATIDES

Surface active properties of phosphatide concentrate in interaction with flour, gluten, and starch L. IA Auerman, L. I. Puchkova, L. V. Lazareva Izv. vys. ucheb. zav., pishch. tekh. no 4-75-78 '61.

Using phosphatide concentrate from wastes of cottonseed oil as feed. K. Karibaev. Masl.-zhir. prom. 27 no. 8:34 Ag '61.

PHOSPHATIDES IN THE BODY

Physiological role of phosphatides in the animal organism. V. M. Kulikov. Izv. Otd. sel'khoz. i biol. nauk AN Tadzh. SSR no. 1 117-129 '59.

PHOSPHINE

Hydroxymethylation of phosphine and its derivatives. E. I. Grinshtein, A. B. Bruker, L. Z. Soborovskii. Dokl AN SSSR 139 no. 6:1359-1362 Ag '61.

Reactions of phosphines. Part 1: Reactions of aliphatic phosphines with aldehydes and ketones. K. A. Petrov, V. A. Parshina. Zhur. ob. khim. 31 no. 8 2729-2731 Ag '61.

PHOSPHINIC ACID

Chemical properties of acid bisester of methylphosphinic acid and ethylene glycol. K. A. Petrov and others. Zhur ob. khim. 31 no. 8:2732-2735 Ag '61.

New method of synthesizing esters of phosphinic and thiophosphinic acids Part 38 Synthesis of esters of unsaturated phosphinic and thiophosphinic acids A N Pudovik, I V Konovalova, O S Durova Zhur. ob khim 31 no 8 2656-2661 Ag '61.

Reactions of chloromethylmethylalkoxysilanes with sodium salts of diethylphosphoric and dimethylphosphinic acids K A. Andrianov, I K. Kuznetsova Izv AN SSSR Otd khim nauk no 8 1454-1456 Ag '61

Synthesis of dichloroanhydrides of cyclohexylmethylphosphinic and thiophosphinic acids I A Shikhiev and others Azerb. khim zhur no 5 29-31 '60

PHOSPHINOTHIOIC ACID

New method of synthesizing esters of phosphinic and thiophosphinic acids Part 38 Synthesis of esters of unsaturated phosphinic and thiophosphinic acids A N Pudovik, I V. Konovalova, O S Durova Zhur. ob. khim. 31 no. 8 2656-2661 Ag '61

Synthesis of dichloroanhydrides of cyclohexylmethylphosphinic and thiophosphinic acids I A Shikhiev and others Azerb khim zhur no 5 29-31 '60

PHOSPHORESCENCE

Some problems of the galvanometer theory arising in the use of this instrument for phosphoroscopic measurements. M G Kaminskii Otp i spektr 10 no 5 667-672 My '61

PHOSPHORIC ACID

Reactions of chloromethylmethylalkoxysilanes with sodium salts of diethylphosphoric and dimethylphosphinic acids K A Andrianov, I K Kuznetsova Izv AN SSSR Otd khim nauk no 8 1451-1456 Ag '61.

PHOSPHORITES

Ways of increasing the capacity of multibucket excavators at phosphorite mines A. N Degtiarev Khim prom no 8 558-562 Ag '61

PHOSPHOROFLUORIC ACID

Second constant of the dissociation of fluophosphoric acid H_2PO_3F I G Ryss, V B Tul'chinskii Zhur neorg khim 6 no 8 1858-1860 Ag '61

PHOSPHOROTHIOIC ACID

Salts of dialkylthiophosphoric acids V G Pesin, A M Khaletskii. Zhur. ob khim. 31 no. 8 2508-2515 Ag '61

Salts of dialkylthiophosphoric acids Part 3: Reactivity and structure of diethylthiophosphoric acid salts. V. G. Pesin, A. M Khaletskii. Zhur ob khim. 31 no 8-2518-2522 Ag '61.

Salts of dialkylthiophosphoric acids. Part 4 Reactions of dialkylthiophosphoric acid salts with aromatic and heterocyclic halogen derivatives. V G Pesin, A M. Khaletskii, I G Vitenberg. Zhur ob khim. 31 no. 8 2522-2526 Ag '61

PHOSPHOROUS ACID

Reactions of phosphorous acid cyclic esters with α-halo ketones A.N Pudovik, G. P. Medvedeva, V. I Kochetkova. Zhur. ob. khim. 31 no. 8 2650-2655 Ag '61

Salts of dialkylthiophosphoric acids. Part 2: Properties of di-(β-chloroethyl)-phosphorous acid V G Pesin, A. M Khaletskii. Zhur. ob. khim 31 no. 8-2515-2518 Ag '61.

PHOSPHOROUS CHLORIDE

Phosphoryl chloride in the system containing phosphorus, antimony, and bismuth chlorides B A Voitovich, Zhur. neorg. khim 6 no 8 1914-1918 Ag '61

PHOSPHORS

Correlation of the values of the optical and thermal light sums in NaCl-Ni phosphor. I. A. Parfianovich, F. I Shuraleva. Otp i spektr 10 no. 5 689-691 My '61.

Fluorescence curves of phosphors with comparable lengths of stay of electrons in traps of various kinds. V. V Antonov-Romanovskii. Opt. i spektr. 10 no. 5: 644-648 My '61.

Investigation of the initial stages of the electroluminescence of ZnS-Cu, Al phosphor P. S. Litvinova, L. R. Rabotkina, P. E. Ramazanov. Opt i spektr. 11 no 2 264-265 Ag '61.

Investigation of the thermoluminescence of certain KCl crystal phosphors A. Kh. Khalilov, T. D. Alieva Izv AN Azerb. SSR. Ser. fiz. -mat i tekh nauk no. 6.85-90 '60.

Simultaneous study of the photo- and thermoelectrically stimulated luminescence and the electron emission of alkali halide phosphors. P. A. Pipinis. Opt. i spektr. 10 no. 5.676-678 My '61.

Some regular features of the electroluminescence of ZnS-Cu, Al phosphors with a high copper content. A. M. Bonch-Bruevich. Opt. i spektr. 11 no. 2:216-222 Ag '61.

PHOSPHORS—SPECTRA

Temperature dependence of the nature of the radiation of nonactivated ZnS-CdS phosphors. L. Drozd, V. L. Levshin. Opt. i spektr. 10 no. 6:773-779 Je '61.

PHOSPHORUS—ISOTOPES

Chemical state of radiophosphorus in KCl crystals irradiated by high energy protons. A. N. Murin, S N. Banasevich, R. V. Bogdanov Izv AN SSSR. Otd khim. nauk no 8:1433-1437 Ag '61.

PHOSPHORUS METABOLISM

Effect of blood plasma and serum from animals with different species-resistance on oxygen and phosphorus assimilation in the pathogen of tuberculosis [with summary in English]. A. M. Vitrinskaia. Biul. eksp. biol. i med. 51 no. 4-82-86 Ap '61.

Effect of subtotal resection of the stomach on the absorption from the digestive tract of sodium phosphate P^{32} and its utilization in the organism [with summary in English]. K. S. Zamychkina. Biul. eksp. biol. i med. 51 no. 5 48-52 My '61.

Indices of carbohydrate and phosphorus metabolism in the blood of pregnant animals. A. A. Turevs'kyi. Visnyk sil'hosp. nauky. 3 no. 4-85-87 Ap '60.

PHOSPHORUS ORGANIC COMPOUNDS

Role of nitrogen and phosphorus compounds in bioenergetics. L. A. Nikolaev. Khim. v shkole. 16 no. 4:47-54 Jl-Ag '61.

PHOSPHORUS ORGANIC COMPOUNDS—SPECTRA

Vibration spectra of organophosphorus compounds. E. M. Popov, M. I. Kabachnik, L. S. Maiants. Usp. khim. 30 no. 7 846-876 Jl '61.

PHOSPHORYL CHLORIDE

Phosphoryl chloride in the system containing phosphorus, antimony, and bismuth chlorides. B. A. Voitovich. Zhur. neorg. khim. 6 no. 8 1914-1918 Ag '61.

PHOTOCOLORIMETERS see Colorimeters

PHOTOCONDUCTIVITY

Effect of adhesion levels on the relaxation of photoconductivity in CdS single crystals. L. G. Paritskii, S. M. Ryvkin. Fiz. tver. tela. 2 no. 3 547-557 Mr '60.

Investigation of "nonlinear" processes of relaxation of photoconductivity in the presence of attachment levels. L. G. Paritskii, S. M. Ryvkin. Fiz. tver. tela. 3 no. 8: 2245-2258 Ag '61.

Kinetics of induced impurity photoconductivity in cadmium telluride. E. N. Arkad'eva, R. S. Kasymova, S. M. Ryvkin. Fiz. tver. tela. 3 no. 8:2417-2426 Ag '61.

Kinetics of the "quasi-monopolar" photoconductivity of semiconductors. V. E. Lashkarev. Fiz. tver. tela. 3 no. 7:1963-1972 Jl '61.

Photoconductivity and quantum yield in germanium under the action of X rays. M. G. Kamoldinov, E. M. Reikhrudel'. Fiz. tver. tela. 3 no. 8:2362-2368 Ag '61.

Photoconductivity of anthracene. O. M. Faidysh, V. V. Slobodianyk. Visnyk Kyiv. un. no. 2 Ser. fiz. ta khim. no. 1 3-9 '59.

Some problems of the photoconductivity of polycrystalline samples of cadmium selenide. V. V. Serdiuk, T. IA. Sera. Fiz. tver. tela. 3 no. 7:2166-2169 Jl '61.

Spectral distribution of photosensitivity in p-type indium antimonide. D. N. Nasledov, M. P. Pronina, IU. S. Smetannikova. Fiz. tver. tela. 2 no. 2 239-241 F '60.

PHOTOELECTRIC CELLS

Determination of recombination constants from the spectral characteristics of a phototube with a p - n junction. V. K. Subashiev. Fiz. tver. tela. 2 no. 2 204-213 F '60.

Determining the effective rate of surface recombination, the diffusion length, and the depth of p-n junctions from the spectral characteristics of photocells. M. Azizov. Izv. AN Uz. SSR. Ser. fiz.-mat. nauk. 3:88-90 '61.

Energy diagram for a real silicon phototube. V. K. Subashiev, E. M. Pediash. Fiz. tver. tela. 2 no. 2 213-220 F '60.

Selenium photoelectric cells with layers of CdO, CdS, CdSe, and CdTe. G. B. Abdullaev and others. Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk. no. 6:77-83 '60.

[illegible] actions. B. IA. Moizhes. [illegible] '60.

PHOTOELECTRIC CELLS—TESTING

Determining out-of-atmosphere values of the rate of efficiency of silicon photoelectric cells. Part 1. Method for determining absolute spectral sensitivity and the investigation of relative spectral sensitivity of photoelectric cells. N. I. Kozhevnikov, E. A. Makarova. Soob. GAISH no. 116 3-24 '61.

Determining out-of atmosphere values of the rate of efficiency of silicon photoelectric cells. Part 2. Observations and results. E. A. Makarova, N. I. Kozhevnikov, G. A. Porfir'eva. Soob. GAISH no. 116:25-45 '61.

Methods for determining the efficiency of photoelectric cells; comments. N. I. Kozhevnikov. Soob. GAISH no. 116 46-54 '61.

PHOTOELECTRIC MEASUREMENTS

Autocollimation setup for the photoelectric recording of hyperfine structure. A. G. Zhiglinskii, A. N. Zaidel', G. G. Kund. Opt. i spektr. 10 no. 6:792-796 Je '61.

Correlation of the values of the optical and thermal light sums in NaCl-Ni phosphor. I. A. Parfianovich, E. I. Shuraleva. Opt. i spektr. 10 no. 5:680-681 My '61.

Designing photoelectric compensation devices. M. B. Mints and others. Izm. tekh. no. 8:31-34 S '61.

Effect of nitrogen on excited mercury atoms. I. Agyrbichanu and others. Opt. i spektr. 11 no. 2:289-290 Ag '61.

Goberman, T. N. [Using automatic photoelectric devices at the Izhora Plant] Primenenie fotoelektricheskoi avtomatiki na Izhorskom zavode. Leningrad, 1960. 14 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila: Pribory i elementy avtomatiki, no. 14)

The IL photoelectric machine for measuring areas of patterns. D. L. Luk'ianov. Biul. tekh.-ekon. inform. no. 8 61-62 '61.

Method for measuring slight optical anisotropy. S. N. Pen'kov. Opt. i spektr. 10 no. 6:787-791 Je '61.

Photoelectric light intensity meter. S. A. Drukker. Svetotekhnika. 7 no. 7 1-10 Jl '61.

Possibility of measuring the optical anisotropy of liquids in the field of a sound velocity gradient. S. N. Pen'kov. Opt. i spektr. 10 no. 5 853-856 My '61.

Simultaneous study of the photo- and thermoelectrically stimulated luminescence and the electron emission of alkali halide phosphors. P. A. Pipinis. Opt. i spektr. 10 no. 5 875-878 My '61.

Some problems of the galvanometer theory arising in the use of this instrument for phosphoroscopic measurements. MG. Kaminskii. Opt. i spektr. 10 no. 5 867-872 My '61.

PHOTOELECTRIC MULTIPLIERS

Characteristic amplitude resolving power of a photomultiplier. V. V. Matveev, A. D. Sokolov. App. dila iad. spek. no. 1 19-27 '60.

Electron focusing in a cathode system of photoelectron multipliers with semitransparent cathodes. A. G. Berkovskii, TSzia Gao (Chia Kao). Radiotekh. i elektron. 6 no. 9:1588-1590 S '61.

Light pulse characteristics of louver-type photoelectric multipliers. G. S. Vil'dgrube and others. Izv. AN SSSR. Ser. fiz. 25 no. 9,1183-1185 S '61.

PHOTOELECTRICITY

Calculation of photoionization absorption in atomic gases. L. M. Biberman, G. E. Norman, K. N. Ul'ianov. Opt. i spektr. 10 no. 5 565-569 My '61.

Investigation of certain properties of "long" diodes. S. A. Kramareva, V. I. Stafeev. Fiz. tver. tela. 2 no. 2 377-379 F '60.

Investigation of the photoactivation of the photocurrent yield in CdS single crystals. V. E. Lashkarev, E. A. Sal'kov, M. K. Sheinkman. Fiz. tver. tela. 3 no. 7:1973-1982 Jl '61.

Nature of photoactive centers in lead oxide. V. A. Izvoshchikov. Fiz. tver. tela. 3 no. 7,2060-2064 Jl '61.

Photoelectron emission from amorphous and crystalline germanium and silicon. Fiz. tver. tela. 2 no. 2 314-318 F '60.

Photoluminescence and recombination of current carriers in cuprous oxide crystals. I. S. Gorban', IU. I. Gritsenko, S. N. Rud'ko. Fiz. tver. tela. 3 no. 7:2147-2153 Jl '61.

Theory of photoelectrets. M. L. Chetkarov. Fiz. tver. tela. 3 no. 8:2197-2201 Ag '61.

Volt-ampere characteristics of the photoelectron emission of germanium. P. G. Borzdak, P. M. Marchuk, O. G. Sarbei. Fiz. tver. tela. 2 no. 2 306-313 F '60.

PHOTOENGRAVING

Chemical analysis of the sensitizing solution for gelatin-coated paper. V. I. Ginzburg, G. I. Viger. Poligr. proizv. no. 6:17-18 Je '61.

PHOTOGRAMMETRY

Investigating variations in the axial and radial dimensions of an electron cluster in synchrotron acceleration [with summary in English]. F. A. Korolev, A. G. Ershov, O. F. Kulikov. Zhur. eksp. i teor. fiz. 40 no. 6:1644-1652 Je '61.

PHOTOGRAPHIC EMULSIONS

Methods of analyzing emulsion formulas. M. I. Shor. Tekh. kino i telev. 5 no. 8:58-60 Ag '61.

System for determining the average layer thickness of semifluid emulsions. N. F. Broido. Tekh. kino i telev. 5 no. 8:61-63 Ag '61.

PHOTOGRAPHIC INTERPRETATION

Accuracy of identifying and tracing contours on contact and enlarged aerial photographs. V. I. Artem'ev. Trudy OmSKhI. 42 no. 2:49-54 '60.

PHOTOGRAPHIC SENSITOMETRY

Quantum sensitivity of photographic materials to X rays ranging from 1.54 to 113 A. M. A. Rumsh, V. N. Shchemelev, A. P. Lukirskii. Izv. AN SSSR. Ser. fiz. 25 no. 8 1066-1068 Ag '61.

PHOTOGRAPHIC SURVEYING

Lobanov, A. N. [Photogrammetric topography; terrestrial stereophotographic surveying] Fototopografiia; nazemnaia stereofotograficheskaia s'emka. Izd. 2., perer. i dop. Moskva, Izd-vo geodez. lit-ry, 1960. 194 p.

PHOTOGRAPHY

Let's talk about your snapshots. R. Vail'. Sov. foto. 21 no. 8:43 Ag '61.

News from everywhere. Sov. foto. 21 no. 8:44-45 Ag '61.

Reliable helper in the restoration of paintings. A. Kovalev, V. Ilshkevich. Sov. foto. 21 no. 8:32 Ag '61.

PHOTOGRAPHY—ENLARGING

Frame for the "Neva-2" enlarger. A. Demeshkin. Sov. foto. 21 no. 8,27 Ag '61.

PHOTOGRAPHY—EQUIPMENT AND SUPPLIES

"Hunting" with a camera. S. Zolotov, O. Sokolov. Nauka i zhizn'. 28 no. 7:100-102 Jl '61.

PHOTOGRAPHY—EXHIBITIONS
(see also subdivision under Paris)

Congratulating the participants of the "Seven-Year Plan in Action during 1961" Exhibition. Sov. foto. 21 no. 8: 3-11 Ag '61.

Features of our life. S. Evgenov. Sov. foto. 21 no. 8:15-18 Ag '61.

First International Forum of Photography in Moscow. Sov. foto. 21 no. 8:2 Ag '61.

PHOTOGRAPHY—PRINTING PAPERS

Investigating the deformation of photographic paper dried by different methods. M. V. Filippov. Trudy OmSKhI. 42 no. 2:55-61 '60.

Studying the properties of pigment paper and ways of improving its quality. O. I. Sopova. Zbor. nauch. rab. VNIIPPiT. no. 9:28-32 '58.

PHOTOGRAPHY—SCIENTIFIC APPLICATIONS

Autography. N. N. Belavina. Nauka i zhizn'. 28 no. 7: 72-73 Jl '61.

PHOTOGRAPHY—SOCIETIES, ETC.

Amateur photographers of the "Sickle and Hammer" Club. E. Anatol'ev. Sov. foto. 21 no. 8:36 Ag '61.

At our "Thursdays." Sov. foto. 21 no. 8:36-42 Ag '61.

From the annual report of the Photography Section of the Union of Soviet Societies for Friendship and Cultural Relations with Foreign Countries. Sov. foto. 21 no. 8: 16 Ag '61.

PHOTOGRAPHY, JOURNALISTIC

Creative "atmosphere" in the editor's office. S. Fridliand. Sov. foto. 21 no. 8:23-24 Ag '61.

Effective solution of the presentation of the main topics in new photography, seminar of the news photographers of White Russia, Latvia, Lithuania and Estonia. Sov. foto. 21 no. 8:20-22 Ag '61.

PHOTOGRAPHY, MILITARY

Master sniper. B. A. Prudovskii. Vest. Vozd. Fl. no. 6: 30-39 Je '61.

PHOTOGRAPHY, PARTICLE TRACK

Elastic scattering of 8.7 Bev. protons on photographic emulsion nuclei [with summary in English]. V. P. Bannik, V. G. Grishin, L. V. Silvestrov. Zhur. eksp. i teor. fiz. 40 no. 6:1653-1657 Je '61.

Study by the photographic emulsion method of the interaction between 8.7 Bev protons and quasi-free nucleons [with summary in English]. K. I. Alekseeva and others. Zhur. eksp. i teor. fiz. 40 no. 6:1625-1637 Je '61.

PHOTOGRAPHY, STEREOSCOPIC

From the history of stereoscopic photography. A. Syrov. Sov. foto. 21 no. 8:30-31 Ag '61.

PHOTOGRAPHY OF ANIMALS

Vivid pictures of wild animals. A. Kurskova. Belarus'. 18 no. 9 28 S '61.

PHOTOGRAPHY OF BIRDS

Photographic studio in the woods. E. Panov. Sov. foto. 21 no. 8:33-35 Ag '61.

PHOTOMAGNETIC EFFECT

Monopolar nonstationary photomagnetic effect. A. A. Grinberg, S. M. Ryvkin. Fiz. tver. tela. 3 no. 8:2470-2474 Ag '61.

Spectral distribution of photosensitivity in p-type indium antimonide. D. N. Nasledov, M. P. Pronina, IU. S. Smetannikova. Fiz. tver. tela. 2 no. 2:239-241 F '60.

PHOTOMETERS

Compensation photometer for accurate measurement and recording of atmospheric transparency. V. I. Goryshin. Trudy GGO. no. 118:26-41 '61.

PHOTOMETRY

Investigating errors of the optical system in the photometry of scattering indicatrices at acute angles. V. I. Golikov. Trudy GGO. no. 118:51-61 '61.

Remarks on Krishnan's phenomenon. D. K. Beridze, M. I. Shakhparonov. Opt. i spektr. 11 no. 2:282-284 Ag '61.

PHOTOMETRY, ASTRONOMICAL

Absolute photometry of the twilight sky and noctilucent clouds. I. A. Parshin. Issl. ser. obl. no. 1:77-84 '60.

Photometric and colorimetric observations of noctilucent clouds in the summer of 1959. V. V. Sharonov. Issl. ser. obl. no. 1:66-76 '60.

PHOTOMICROGRAPHY

Use of the image translator (brightness intensifier) in light and fluorescence microscopy M. M. Butslov, M. IA. Korn, S. N Muromtsev Dokl AN SSSR 139 no 5 1225-1226 Ag '61

PHOTONS

Branching of Green's functions of electrons and photons [with summary in English] V G Vaks Zhur eksp i teor. fiz. 40 no 6 1725-1727 Je '61

PHOTONS—SCATTERING

Effect of diffusion on the scattering of neutrons and photons by crystal defects and on the Mössbauer effect [with summary in English] M. A Krivoglaz Zhur. eksp. i teor. fiz 40 no 6:1812-1824 Je '61

PHOTONS—SPECTRA

Energy spectrum and total number of low-energy photons in cosmic rays in the stratosphere [with summary in English] A N Charakhch'ian, T. N Charakhch'ian Zhur. eksp i teor fiz 40 no 6:1602-1605 Je '61.

PHOTONUCLEAR REACTIONS

Double dispersion relation and the photoproduction of π-mesons [with summary in English] Part 2. N F Nelipa, V. A. TSarev Zhur. eksp. i teor fiz 40 no. 6: 1710-1712 Je '61

Equations for the photoproduction of pions on nucleons with allowance for pion-pion interaction [with summary in English]. L. D. Solov'ev, G. Bialkovskii, A. IUrevich Zhur. eksp. i teor. fiz. 40 no. 3:839-847 Mr '61

Method for measuring the photoproduction cross section of π^+-mesons on hydrogen near the threshold M. I. Adamovich and others Zhur. eksp. i teor. fiz. 40 no. 3,974-976 Mr '61.

PHOTOPERIODISM

Danilevskii, A. S. [Photoperiodism and seasonal development of insects] Fotoperiodizm i sezonnoe razvitie nasekomykh. [Leningrad] Izd-vo Leningr. univ., 1961. 242 p.

Moshkov, B. S. [Photoperiodism of plants] Fotoperiodizm rastenii. Leningrad, Gos. izd-vo sel'khoz. lit-ry zhurnalov i plakatov, 1961. 317 p.

PHOTOSYNTHESIS

How the movement of kidney bean chloroplasts within a cycle of 24 hours is related to photosynthesis [with summary in English] I. I. Gunar, I. I. Bagacheva. Izv. TSKhA no. 2:215-220 '61.

Photosynthesis and metabolic processes in the apple tree [with summary in English]. K. S. Harnaha. Ukr. bot. zhur. 18 no. 4:38-45 '61.

Physics and the mystery of a green leaf. E. Rybalka. Znan. ta pratsia no. 10:15-16 O '61.

PHOTOTELEGRAPHY

Fedortsov, B. V. [Phototelegraphy engineering] Fototelegrafnaia tekhnika. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 246 p.

PHTHALAZINE

Synthesis and catalytic decomposition of 3, 4-dihydrophthalazines. IU. S. Shabarov, N. I. Vasil'ev, B. IA. Levina. Zhur. ob. khim. 31 no. 8,2476-2482 Ag '61.

PHTHALIC ANHYDRIDE

Vat residues in the production of phthalic anhydride. E. E. Shkol'man, N. M. Voroshilova. Zhur. prikl. khim. 34 no. 8:1861-1867 Ag '61.

PHTHALIMIDES

Effect of temperature and viscosity on the polarization of fluorescence in phthalimides. A. M. Sarzhevskii. Opt. i spektr. 10 no. 5 621-626 My '61.

PHTHALIMIDES—SPECTRA

Investigation of the intermolecular interactions of phthalimides with the aid of their infrared spectra. N. A. Borisevich, N. N. Khovratovich. Opt. i spektr. 10 no. 5:589-594 My '61.

PHTHALOCYANINE—SPECTRA

Infrared spectra of phthalocyanines. Part I. Effect of the crystalline structure and of the central atom of a metal on a phthalocyanine molecule in the solid state. A. F. Sidorov, I. P. Kotlliar. Opt. i spektr. 11 no. 2: 175-184 Ag '61.

PHYLOGENY (BOTANY)—CONGRESSES

Sixth Conference on Plant Phylogeny. N. H. Hlahollieva. Ukr. bot. zhur. 18 no. 4:121-122 '61.

PHYSICAL EDUCATION AND TRAINING
(see also subdivision under Leningrad)

Dobrovol'skii, V. K. [Physical education and health] Fizkul'tura i zdorov'e. Moskva, Izd-vo "Znanie," 1961. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Biologiia i meditsina, no. 14)

Methodological sections on physical education. V. Parfenova. Prof.-tekh. obr. 18 no. 5:26 My '61.

Physical training of students of the preparatory group. V. P. Zubynin. Sbor. nauch. st. Azovo-Cher. inst. mekh. sel'khoz. no. 6 pt. 2:134-140 '59.

PHYSICAL EDUCATION FOR CHILDREN

Development of static endurance in the basic gymnastic poses according to age. E. S Chernik Dokl APN no. 1:93-96 '61.

IAnkelevich, E. I. [From three to seven; calisthenics for preschool children] Ot trekh do semi; gimnastika dlia detei doshkol'nogo vozrasta. Moskva, Fizkul'tura i sport, 1960. 71 p. illus.
(DNLM)

Kozhevnikova, N. G. [Sport recreations and play] Sportivnye razvlecheniia i igry, iz opyta raboty detskogo sada No. 617 g. Moskvy. Izd. 2. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 110 p.

PHYSICAL GEOGRAPHY see subdivision under Dnepropetrovsk Province; Soviet Central Asia; Tien Shan; Ural Mountain region

PHYSICAL INSTRUMENTS

Apparatus for experiments on dynamics. V. F. IUs'kovich. Fiz. v shkole 21 no. 3:62-63 My-Je '61.

Contest for instruments on the subject "Fundamentals of the molecular-kinetics theory of the structure of matter." Fiz v shkole 21 no. 2:91 Mr-Ap '61.

Demonstration set with magnetic holders for experiments on statics. B. S. Zvorykin Fiz. v shkole 21 no 3:65-67 My-Je '61.

Homemade instruments for industrial use. I. IA. Elngorn. Fiz. v shkole 21 no 3:87-88 My-Je '61

Homemade physical instruments. M. I Grinbaum. Fiz. v shkole 21 no. 2:87-89 Mr-Ap '61.

PHYSICAL METALLURGY

Shtehberg, S. S. [Physical metallurgy] Metallovedenie. Izd. perer. i dop. Pod red. I. N. Bogacheva i V. D. Sadovskogo. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii. Sverdlovskoe otd-nie, 1961. 598 p.

PHYSICAL OPTICS see Optics, Physical

PHYSICALLY HANDICAPPED—REHABILITATION

There are many kind hearts. L. Zazimko. Ogonek 39 no. 32 24 Ag '61.

PHYSICIANS

Pondoev, G. S. [Notes of a physician] Zametki vracha. [Izd. 3., znachitel'no ispr. i dop.] Tbilisi, Gos. izd-vo "Sabchota Sakartvelo," 1961. 309 p.
(DNLM)

Pondoev, G. S. [A physician's notes] Zametki vracha. Izd. 2., znachitel'no dop. i ispr. Tbilisi, Gruzmedgiz, 1957. 206 p.
(DNLM)

PHYSICS

"Little physics" by G. Nicae. Reviewed by V. I. Gorshman. Fiz. v shkole 21 no. 3:104-105 My-Je '61.

PHYSICS—ABSTRACTS

[Physics.] Ref. zhur.: Fiz. no. 5 S '61. Avtoreferat ukazatel' za 1960.

PHYSICS—AUDIO-VISUAL AIDS

Photographic exhibition "Physics and life." V. S. Zalivadnyi. Fiz. v shkole 21 no. 2:104 Mr-Ap '61.

PHYSICS—BIBLIOGRAPHY see Bibliography—Physics

PHYSICS—EXPERIMENTS

Readers' suggestions. Fiz. v shkole 21 no. 2:96-97 Mr Ap '61.

These experiments were set by A. F. Ioffe, V. Rydnik. Nauka i zhizn' 28 no. 8:34-37 Ag '61.

Useful advice. Fiz. v shkole 21 no. 2:90 Mr-Ap '61.

PHYSICS—PROBLEMS, EXERCISES, ETC.

Compiling problems with industrial and technical content. I. I. Beskorovainyi. Fiz. v shkole 21 no. 3,89-90 My-Je '61.

Let's lead a persistent struggle for the improvement of the quality of students' knowledge. G. I. Kertaman, I. I. Liakhov. Fiz. v shkole 21 no. 2:53-55 Mr-Ap '61.

Problems on physics for extracurricular work. A. L. Egorov. Fiz. v shkole 21 no. 3:92-93 My-Je '61.

Solving a problem on physics. Fiz. v shkole 21 no. 2: 98-99 Mr-Ap '61.

Solving qualitative problems in the seventh and eighth grades. V. A. Zolotov. Fiz. v shkole 21 no. 3:91 My-Je '61.

PHYSICS—STUDY AND TEACHING
(see also subdivision under Orel)

Content of a physics course in secondary schools. L. I. Reznikov. Fiz. v shkole 21 no. 2:35-42 Mr-Ap '61.

"Evenings of interesting physics" by M. I. Kikeist. Reviewed by I. Petrov. Nar shk. 40 no. 6:88 Je '61.

Grading laboratory work in physics. V. A. Sushchenko. Fiz. v shkole 21 no. 3:75-76 My-Je '61.

Graduation examinations in 1961. G. P. Evropin. Fiz. v shkole 21 no. 2:43-46 Mr-Ap '61.

International conference on the teaching of physics. B. S Zvorykin Fiz. v shkole no 3:109-110 My-Je '61

"Machinery in physics lessons" by M. M. Markovich, P. IA. Uvarov. Reviewed by M. M Rozhkov. Fiz. v shkole 21 no. 3:104 My-Je '61

Organizing a physics evening. B. M. Khazan Fiz v shkole 21 no 3:83 My-Je '61

Organizing independent work of students in physics lessons. A V. Usova. Fiz. v shkole 21 no 2:92-94 Mr-Ap '61.

"Pedagogical lectures" of 1961 in the Academy of Pedagogical Sciences of the R S F. S R L L Reznikov. Fiz v shkole 21 no. 2:107-109 Mr-Ap '61

Physics program for general secondary technical schools with vocational instruction. Fiz v shkole 21 no 2:60-78 Mr-Ap '61

Review evening on physics. B. T Voitsekhovskii. Fiz. v shkole 21 no. 2:95 Mr-Ap '61.

Russia (1917- R. S. F. S. R.) Ministerstvo prosveshcheniia. [Programs of eight-year schools: Physics] Programmy vos'miletnei shkoly. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR. Fizika. 1961. 33 p.

Studying physics in the seventh grade according to the new program and the new textbook. G. K. Karpinskii. Fiz v shkole 21 no. 3:39-41 My-Je '61

Studying physics in the seventh grade according to the new program and with a new textbook E IA. Minchenkov. Fiz v shkole 21 no 2,47-52 Mr-Ap '61.

Using the papers of students of schools for working youth in teaching physics. F. E. Farber Fiz v shkole 21 no. 3:80-81 My-Je '61.

PHYSICS—TEXTBOOKS

New textbook on physics for the sixth grade ("Physics" by A. V Peryshkin and others. Reviewed by V E. Zotikov and others) Fiz v shkole 21 no. 2:101-103 Mr-Ap '61.

PHYSIOLOGICAL APPARATUS

Apparatus for lymph node perfusion [with summary in English] IU. I. Borodin Biul eksp biol. i med 51 no 5:121-125 My '61.

DB-2-59 universal stereotaxic device (2d model). R. A. Durinian, A. I. Bartyzel' Biul eksp. biol. i med 51 no 5 113-115 My '61.

New model of a stereotaxic device for small laboratory animals IU. N. Belenev Biul. eksp biol. i med. 51 no 5 115-118 My '61

PHYSIOLOGICAL OXIDATION see Oxidation, Physiological

PHYSIOLOGICAL THERAPEUTICS see Therapeutics, Physiological

PHYSIOLOGY

Slonim, A. D. [Fundamentals of the general ecological physiology of mammals] Osnovy obshchei ekologicheskoi fiziologii mlekopitaiushchikh. Moskva, Izd-vo Akad. nauk SSSR, 1961. 430 p.

PHYSIOLOGY—LABORATORY MANUALS

Vasil'ev, L. L., and I. A. Yetlukov, eds. [Comprehensive laboratory manual of human and animal physiology] Bol'shoi praktikum po fiziologii cheloveka i zhivotnykh. Izd. 2., ispr. i dop. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 674 p.

PHYTOGEOGRAPHY see subdivision under Afghanistan; Tajikistan

PHYTOGEOGRAPHY—MAPS

Akademiia nauk. Botanicheskii institut. Otdel geobotaniki. [Geobotanic map of the U. S. S. R.; 1:4,000,000] Geobotanicheskaia karta SSSR; 1:4,000,000. (Prilozhenie k knige "Rastitel'nyi pokrov SSSR.") Sost. B. N. Gorodkovym i dr. Pod rukovodstvom i red. E. M. Lavrenko i V. B. Sochavy. [n. p.] 1954 [i. e. 1955] col. map, on 8 sheets.
(CaOTU)

Conference on problems in the cartography of the plant cover. V. N. Nikolaev. Izv. AN Turk. SSR. Ser. biol. nauk no. 1:83-85 '61

PHYTONCIDES

Akademiia nauk URSR, Kiev. Instytut mikrobiologii. [Imanin, an antibiotic from St. John's-wort] Imanin - antibiotik iz zveroboia. Kiev, Izd-vo Akad. nauk USSR, 1961. 94 p.
(DNLM)

Effect of ultrasonic waves on the growth of poplar buds and their phytoncidal properties. F. A. Gurevich. Izv. Sib. otd. AN SSSR no. 7:116-119 '61.

Phytoncidal activity of certain wild onions of Siberia. A. R. Verner, G. V. Belova, E. M. Gontar'. Izv. Sib. otd. AN SSSR no. 7:83-91 '61.

PHYTOPLANKTON see subdivision under Danube Delta; Kiliyskoye Girlo region

PIANO—INSTRUCTION AND STUDY

Special problems relating to piano lessons to the students of different ages. A. B. Mirzoeva. Izv. AN Azerb. SSR. Ser. obshchestv. nauk no. 5:87-90 '61.

PICASSO, PABLO, 1881-

Golomshtok, I. N., and A. D. Sinitavskii. [Picasso] Pikasso. Moskva, Izd-vo "Znanie," Vses. ob-va po raspr. polit. i nauchn. znanii, 1960. 61 p. illus.

PICRIC ACID

Activities of the solvent in methanol solutions of picric acid in the temperature range from 5° to 50°. K. P. Mishchenko, M. K. Fedorov. Zhur. prikl. khim 34 no. 8 1889-1891 Ag '61

Reactions of thiourea and ureaselenium complexes of bismuth with picrolonic and picric acids S. I. Gusev, L. A. Ketova. Zhur. neorg. khim 6 no. 8 1881-1884 Ag '61

PICROLONIC ACID

Reactions of thiourea and ureaselenium complexes of bismuth with picrolonic and picric acids S. I. Gusev, L. A. Ketova. Zhur. neorg. khim 6 no. 8 1881-1884 Ag '61

PIECEWORK

Recent tendencies in the development of the capitalist piecework system. M. Moshenskii Sots. trud 6 no. 8 41-51 Ag '61

PIEZOELECTRIC SUBSTANCES

First symposium on research on the production of ferroelectric and piezoelectric crystals. A. S. Sonin. Kristallografiia 6 no. 4:650-651 Jl-Ag '61.

High polymer piezoelectric substances. I. S. Rez. Kristallografiia 6 no. 4:646-649 Jl-Ag '61.

PIGMENTS

Technology of the manufacture of colored printing inks from aqueous pigment pastes T. N. Malova Zbor. nauch. rab. VNIIPPIT no. 9:118-132 '58

PIKE

(see also subdivision under Volga Delta)

Significance of the stage of mixed feeding for the survival of pike larvae. A. A. Kostomarova Trudy sov. ikht. kom. no. 13, 344-347 '61.

PILING (CIVIL ENGINEERING)

Conference on industrial methods of constructing pile foundations Biul. stroi. tekh. 18 no. 8:39-41 Ag '61

Determining the average temperature of permafrost soil surrounding a pile foundation. M. F. Kiselev. Osn., fund. i mekh. grun. 3 no. 4:30 '61.

Diagrams for calculating the bearing capacity of driven piles. A. Obodovskii, P. Katunov Stroi. i arkhit. Mosk. 9 [i.e. 10] no. 8 10-12 Ag '61.

Increase in the bearing capacity of piles during the "resting" process. B. M. Gumenskii, G. F. Novozhilov. Osn., fund. i mekh. grun. 3 no. 1 15-17 '61.

Method of testing pile foundations of electric line poles. E. I. D'iashevich Sbor. nauch. rab. Inst. bud. i arkhit. AN BSSR no. 4:92-96 '60.

Vibration hammer for sinking and recovering medium-diameter metal pipes D. P. Vysotskii Stroi. i dor. mash. 6 no. 8 15-17 Ag '61.

PILING (CIVIL ENGINEERING)—CONGRESSES

Conference on industrial methods of constructing pile foundations for apartment houses. Osn., fund. i mekh. grun. 3 no. 4, 17 '61.

PILOT EJECTION SEATS

Alekseev, S. M., and others. [Modern means for abandoning an airplane in an emergency] Sovremennye sredstva avariinogo pokidaniia samoleta. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1961. 450 p.

PINE

Stablizing slide rocks of the Carpathians with root systems of the mountain pine O. V. Chubatyi Visnyk sil'skosp. nauky 3 no. 4:46-51 Ap '60.

PINS AND NEEDLES see subdivision under Kuntsevo

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A possible cause of pipe freezing. S. IU. Zhukovitskii, A. P. Voitekhovskii Azerb. neft. khoz. 10 no. 1 24 Ja '61.

Three times faster IA. Samarskii. Na stroi. Ros. no. 7 14 Jl '61

Using and manufacturing small diameter pipes A. Kh. Sufianov Neftianik 6 no. 4 10-11 Ap '61

PIPE—CORROSION

"Instructions on designing anticorrosive protection for exhaust pipes in enterprises with corrosive atmospheres." Biul. stroi. tekh. 18 no. 7 9-10 Jl '61.

PIPE—HYDRODYNAMICS

Experimental investigation of hydraulic resistances in D-24 mm angle pipes during hydraulic transportation V. M. Karasyk Vesti Inst. gidrol. i gidr. AN URSR 17 119-125 '60.

Hydraulic resistances during the flow of the water-soil mixture in large-diameter pipes I. A. Asaulenko Vesti Inst. gidrol. i gidr. AN URSR 17 113-118 '60

Structural conditions of the flow of a viscous plastic fluid through a cylindrical pipe of circular cross section B. I. Mitel'man, G. D. Rozenberg Izv. AN SSSR Otd. tekh. nauk Mekh. i mashinostr. no. 1 173-171 Jl-Ag '61

Temperature conditions in pipes of small diameter in the high-speed movement of water and a steam-and-water mixture [with summary in English] M. E. Shitsman, I. L. Mostinskii Inzh.-fiz. zhur. 4 no. 9, 80-82 S '61.

PIPE—TESTING

Improvement of the MGD-2 magnetic fault detecting scope. Sh. TS. Golianskii, V. P. Krivusha, O. F. Zaits Energetik 9 no. 4:19-20 Ap '61

PIPE—WELDING

MB'I-1 flexible centering clamp made of steel cable A. I. Mansurov. Stroi. truboprovod 6 no. 8:19 Ag '61

Self-propelled internal centering clamp for welding pipes without reinforcing rings G. IA. Pronin, P. S. Shurshin Stroi. truboprovod. 6 no. 8:20-21 Ag '61

Welding cathodic protection rods with ferroaluminum thermite V. K. Derlugin. Stroi. truboprov. 6 no. 7 19-20 Jl '61.

PIPE, ASBESTOS-CEMENT

Problems in developing the production of asbestos cement pipes E. N. Kitaev Stroi. mat. 7 no. 8 19-23 Ag '61

Using asbestos cement pipes to line artesian wells P. A. Anatol'evskii Mont. i spets. rab. v stroi. 23 no. 8 20-21 Ag '61

PIPE, CAST-IRON—STANDARDS

State Standard for cast-iron pressure pipes. Biul. stroi. tekh. 18 no. 7 18-20 Jl '61

PIPE, CONCRETE

Long pressureless pipes with large diameters P. G. Sedov, B. F. Beletskii. Bet. i zhel.-bet. no. 8:357-360 Ag '61

Manufacture of long reinforced concrete pipes in molds by a vibration and pressure method. I. I. Mamontov, N. A. Marakov. Bet. i zhel.-bet. no. 8:354-357 Ag '61.

PIPE, GLASS

Results of a competition for the best butt joint for glass pipes. A. Bublik, M. Krasnitskii Stroi. i arkhit. 9 no. 8 37-39 Ag '61

PIPE, PLASTIC

Use of plastic drainage pipes V. I. Antonov, V. A. Shreider. Gidr. i mel. 13 no. 8, 29-37 Ag '61.

PIPE, STEEL

Agre, V. L., and IU. IA. Vatkin. [Steel pipes; manual for training qualified workers under operating conditions] Stal'nye truby; posobie dlia podgotovki kvalifitsirovannykh rabochikh na proizvodstve. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 189 p.

Enameled gas and petroleum pipes. E. N. Podkletnov, K. S. Zatsepin. Stroi. truboprovod. 6 no. 8:26-29 Ag '61.

PIPE, STEEL—TESTING

Cups for boiling specimens. A. M. Tigin. Sbor. rats. predl. vnedr. v proizv no. 5 57 '60.

PIPE FITTINGS

Determining pattern dimensions by an analytic method. P. IA. Vil'me. Stroi. truboprov. 6 no. 7:26 Jl '61.

Reinforced concrete ring-shaped split sleeves with end bands. L. A. Butianskii. Stroi. truboprov. 6 no. 7:27 Jl '61.

PIPE FLANGES—WELDING

Machine for the welding of flanges to pipes. M. A. Tarnarutskii, B. Kh. Zholobov, V. A. Brovtsev. Svar. proizv. no. 9 20-22 S '61.

PIPE MILLS

Changing production procedures for pipes with a diameter of 6-12xl mm M. E. Golod, L. Z. Kucherskii Sbor. rats. predl. vnedr. v proizv. no. 5 32 '60

Changing production procedures for pipes with a diameter of 60xl mm A. G. Pavlov Sbor. rats. predl. vnedr. v proizv no. 5 30-31 '60

Changing production procedures for pipes with a diameter of 10xl mm. M. S. Susanov. Sbor. rats. predl. vnedr. v proizv no. 5 31 '60

Changing production procedures for pipes with a diameter of 26-32xl mm A. V. Zubritskii. Sbor. rats. predl. vnedr. v proizv no. 5 31 '60

Device for the determination of linear displacements of self-adjusting tube mandrels in the center of deformation. A. V. Anisimov, T. IA. Shapiro. Izv. vys. uchab. zav., tsvet. met. 4 no. 4 149-155 '61.

Experimental investigation of the tube piercing process P. I. Polukhin and others Izv. vys. uchab. zav., chern. met. 4 no. 7 88-96 '61

Plastic deformation of pipe billets by hydrostatic pressure A. D. Matveev. Kuz.-shtam. proizv. 3 no. 8 1-5 Ag '61

Unit-cast grooves for piercing mills. V. I. Shcheglov, P. G. Shevelev Sbor. rats. predl. vnedr. v proizv. no. 5 30 '60.

PIPELINE TRANSPORTATION OF SOLIDS see Hydraulic conveying

PIPELINES

Constant stress supports for pipelines. V. A. Nakhalov, V. S. Demb. Teploenergetika 8 no. 9:94-95 S '61.

"Design and planning of pipeline systems" Book review. Stroi. truboprov. 6 no. 7:32 Jl '61

Holiday of Soviet construction workers. Stroi. truboprovod. 6 no. 8, 1-2 Ag '61

"Laying pipelines in rocky soil" by M. I. Krinitsyn, V. I. Klimov. Stroi. truboprovod. 6 no. 8, 21 Ag '61.

Must brochures on advanced practices be printed this way? G. F. Mandel'. Stroi. truboprovod 6 no. 8; 3 of cover. Ag '61.

Protection of underground pipelines by means of plastic strips. V. F. Negreev, G. A. Allakhverdiev, M. S. Trifel'. Azerb. khim. zhur. no. 4:83-88 '60.

Ways to raise labor productivity in the laying of pipelines IA. Kuperman Ekon. stroi no. 8:19-25 Ag '61

PIPELINES—BIBLIOGRAPHY see Bibliography—Pipelines

PIPELINES—COLD WEATHER CONDITIONS

Let's guarantee high work rates in winter. Stroi. truboprovod. 6 no. 8 3-4 Ag '61.

PIPELINES—CORROSION

Prevention of corrosion in a heat supplying network. N. K. Gromov Energetik 9 no. 8:34 Ag '61.

PIPELINES—MAINTENANCE AND REPAIR

Practice of repairing pipelines V. V. Borisov Neftianik 5 no. 8:15-16 Ag '60

PIPELINES—WELDING

Estimating the efficiency of the various welding methods of main pipelines. M. G. Mints. Svar. proizv. no. 8-31-33 S '61.

Possibility of using electric power stations with a capacity of 125 kilovolt-amperes for electric contact welding of gas pipelines with a cross section of 10, 000 mm^2. V. S. Lifshits, G. N. Petrov. Stroi. truboprov. 6 no. 7 9-11 Jl '61.

PIPERYLENE

Polymerization of butadiene, piperylene, and styrene mixtures I. A. Livshits, S. I. Il'ina, V. N. Reikh. Kauch. i rez. 20 no. 8, 1-3 Ag '61.

PISTACHIO see subdivision under Azerbaijan

PISTON RINGS

Effect of gas pressure on the performance of the graphite piston ring. I. I. Novikov. Khim. mash. no. 4:20-24 Jl-Ag '61.

PITUITARY BODY

Effect of the thyrotropic hormone on milk productivity in goats. B. N. Ermolov. Fiziol. zhur. 47 no. 8:1033-1040 Ag '61.

Hypophysial and adrenal gland disorders in brucellosis. A. S. Grinshpun. Probl. endok. i gorm. 7 no. 4: 108-110 '61.

Physiological regeneration in the mucous membrane of the small intestine of hypophysectomized rats [with summary in English]. S. S. Raitsina. Biul. eksp. biol. i med. 51 no. 4:110-114 Ap '61.

PITUITARY HORMONES

Hormones of the posterior lobe of the hypophysis and thyroid gland. IU. B. Skebel'skaia. Probl. endok. i gorm. 7 no. 4:32-35 '61.

PLAGUE
Species differences in carbohydrate and ascorbic acid metabolism disorders in rodents with plague intoxication [with summary in English] A. G. Kratinov, N. M. Khar'kova. Biul. eksp. biol. i med. 51 no. 5 63-67 My '61

PLANERSKOYE—ANTIQUITIES
Excavating dwelling complexes at a medieval settlement near the Planerskoye village, 1954-1955. M. A. Bronzhulo. Arkheologiia 12:160-182 '61

PLANETARIA
(see also subdivision under Volgograd)
Planetarium in a school. N. Semakin. Nar. obr. no. 9 78-79 S '61.

PLANETS—FIGURE
Effect of the sphericidicity of a planet on the movement of its satellite. A. A. Orlov. Soob. GAISH no. 112 3-32 '61

PLANETS, MINOR—OBSERVATIONS
Photographic observations of selected minor planets on the AFP-1 wide-aperture astrometrical astrograph. F. IA. Bugaslavskaia. Trudy GAISH 30 181-191 '61

PLANING MACHINES
The 7110 openside planer. V. Z. Bel'skii. Biul. tekh.-ekon. inform. no. 8 37-39 '61

PLANKTON see subdivision under Baltic Sea

PLANT COMMUNITIES
The Psathyrostachys Kroonenburgii (Hack.) Nevski formation in the Darvaza Range. N. P. Akul'shina. Izv. Otd. sel'khoz. i biol. nauk AN Tadzh. SSR no. 1 45-46 '60

PLANT CUTTINGS
Accelerated propagation of dahlias. B. K. Chaplygin, G. I. Shakhova. Priroda 50 no. 9 116-117 S '61.

PLANT DISEASES
(see also subdivision under Siberia)
Nikiforov, A. M. [Control of pests and diseases in farm crops] Bor'ba s vreditelíami i boleznami sel'skokhoziaistvennykh kul'tur. Izd. 3. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 130 p. (Uchebniki i uchebnye posobiia dlia podgotovki sel'skokhoziaistvennykh kadrov massovoi kvalifikatsii)
(DA)

PLANT PHYSIOLOGY
Arakian, A. A. [Biology of the development of agricultural plants] Biologiia razvitiia sel'skokhoziaistvennykh rastenii. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 462 p.
(DA)

PLANT PHYSIOLOGY—LABORATORY MANUALS
Potapov, N. G., ed. [Brief laboratory manual on plant physiology] Malyi praktikum po fiziologii rastenii. Izd. 4., pererab. [Moskva] Izd-vo Mosk. univ., 1961 68 p.

PLANTING TIME
Effect of planting time on the duration of developmental phases in some corn varieties and hybrids in the Karabakh steppe. B. B. Grigor'ian. Izv. AN Azerb. SSR Ser. biol. i med. nauk no. 5:41-51 '61

PLANTS—EVOLUTION
Arakian, A. A. [Biology of the development of agricultural plants] Biologiia razvitiia sel'skokhoziaistvennykh rastenii. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 462 p.
(DA)

PLANTS—FROST RESISTANCE
Problem of the winter resistance of fruit trees. IU. D. Filippova. Vest. sel'khoz. nauki [Kazakh.] 4 no. 5:72-80 My '61.

PLANTS—IRRITABILITY AND MOVEMENTS
Electrophysiological characteristics of irritability in plants [with summary in English]. I. I. Gunar and others. Izv. TSKhA no. 2 7-19 '61
Experiments of L. J. Audus, professor at Belford college, England. Nauka i zhizn' 28 no. 7:88 Jl '61.
Magnetotropism. A. V. Krylov, G. A. Tarakanova. Nauka i zhizn' 28 no. 7:85-87 Jl '61.
Plants and terrestrial magnetism. Znan. ta pratsia no. 7:7 Jl '61.

PLANTS—METABOLISM see subdivision under Pamirs

PLANTS, EDIBLE—CHEMICAL ANALYSIS see subdivision under Turkmenistan

PLANTS, EFFECT OF ATOMIC ENERGY ON
Atom in the field. N. Teterin. Nauka i zhizn' 28 no. 7: 74-75 Jl '61.

PLANTS, EFFECT OF BORON ON
Water economy of seedlings of some arboraceous species during foliar application of boron and manganese. B. Z. Guseinov. Trudy Azerb. gos. zaoch. ped. inst. 6:93-102 '59.

PLANTS, EFFECT OF CHEMICALS ON
Apple as pyramidon. V. Sokolov. Nauka i zhizn' 28 no. 8,72 Ag '61.

PLANTS, EFFECT OF ELECTRICITY ON
Electrophysiological characteristics of irritability in plants [with summary in English]. I. I. Gunar and others. Izv. TSKhA no. 2 7-19 '61

PLANTS, EFFECT OF ETHYLENIMINE ON
Cytogenetic effect of ethylenimine on wheat, onion, and horse bean seeds. N. N. Zoz. Tsitologiia 3 no. 4 476-477 Jl-Ag '61

PLANTS, EFFECT OF GAMMA RAYS ON
Qualitative changes in the desoxyribonucleic acid of pea seedlings following gamma irradiation. V. I. Tokarskaia. Radiobiologiia 1 no. 3 330-332 '61.
Results of irradiating seeds of Rubin radishes under conditions of hotbed culture. N. M. Berezina, G. I. Shchibria, M. L. Romanchikova. Radiobiologiia 1 no. 3: 461-462 '61.
Some data on the effect of wheat endosperm irradiation on the growth and development of plants. L. M. Fonshtein. Radiobiologiia 1 no. 3. 446-451 '61.

PLANTS, EFFECT OF HEAT ON
Changes in the resistance of plant cells after a brief exposure to high temperature. A. G. Lomagin. Tsitologiia 3 no. 4 426-436 Jl-Ag '61.

PLANTS, EFFECT OF LIGHT ON
Effect of gibberellic acid on the growth and auxin metabolism of isolated tissue cultures exposed to light of different quality. R. G. Butenko, Z. M. Iakovleva, N. N. Dmitrieva. Dokl. AN SSSR 139 no. 5 1246-1249 Ag '61
Effect of the spectral composition of light on the development and growth of short-day plants [with summaries in English, German, and French]. F. M. Kuperman. Vest. sel'khoz. nauki 6 no. 8 37-51 Ag '61.

PLANTS, EFFECT OF MANGANESE ON
Water economy of seedlings of some arboraceous species during foliar application of boron and manganese. B. Z. Guseinov. Trudy Azerb. gos. zaoch. ped. inst. 6 93-102 '59

PLANTS, EFFECT OF NITROGEN ON
Effect of excessive soil moisture and nitrogen on some physiological processes and yields of barley with regard to its phasic development. F. D. Skazkin, IU. N. Fedorova. Dokl. AN SSSR 139 no. 6 1476-1479 Ag '61

PLANTS, EFFECT OF SALTS ON
Growth, development, and yields of some forage grasses in soils of various salinity [in Azerbaijani with summary in Russian]. Z. S. Azizbekova. Izv. AN Azerb. SSR Ser. biol. i med. nauk no. 5 3-14 '61

PLANTS, EFFECT OF SOIL MOISTURE ON
Effect of excessive soil moisture and nitrogen on some physiological processes and yields of barley with regard to its phasic development. F. D. Skazkin, IU. N. Fedorova. Dokl. AN SSSR 139 no. 6:1476-1479 Ag '61.
Growth of spruce as affected by the ground-water level and some meteorological factors. M. A. Naryshkin. Trudy Lab. lesoved. 3:93-114 '61.

PLANTS, EFFECT OF TEMPERATURE ON
How subjecting germinating spring wheat seeds to low temperatures and their partial drying before sowing affects their future development. S. I. Leont'ev. Trudy OmSKhI 13 49-57 '61.

PLANTS, MOTION OF FLUIDS IN
Role of trace elements in carbohydrate translocation in the plant organism. M. G. Abulalybov, B. M. Aliev. Izv. AN Azerb. SSR Ser. biol. i med. nauk no. 5:31-40 '61.

PLANTS, ORNAMENTAL
Time of seed ripening in some trees and shrubs at the botanical garden of Turkmenistan. L. I. Sokolova. Izv. AN Turk. SSR. Ser. biol. nauk no. 1:89-91 '61

PLANTS, PROTECTION OF
(see also subdivision under Kazakhstan)
Belokhonov, I. V., ed. [Protection of plants from pests and diseases] Itogi rabot po zashchite rastenii ot vreditelei i boleznei. Michurinsk, 1957. 141 p.
(DA)

PLANTS AS INDICATORS see Indicator plants

PLASMA (IONIZED GASES)
Accuracy of the adiabatic invariant of a particle in a high density plasma [with summary in English]. A. M. Dykhne. Zhur. eksp. i teor. fiz. 40 no. 3:863-865 Mr '61.
Anode region in a gas discharge at low pressure. Part 3. Formation of additional plasmas (anode spots) on the anode. B. N. Klimfel'd, N. A. Neretina. Zhur. tekh. fiz. 30 no. 2:186-198 F '60.
Calculating the radial motion of a plasma in the case of inductive pinch. A. A. Plyutto, K. N. Kervalidze. Zhur. tekh. fiz. 31 no. 1 100-106 Ap '61
Certain magnetohydrodynamic effects observed in the pulse compression of a plasma. I. F. Kvartskhava, K. N. Kervalidze, IU. S. Gvaladze. Zhur. tekh. fiz. 30 no. 3 297-305 Mr '60
Characteristics of the behavior of multicharged ions in a plasma [with summary in English]. A. V. Gurevich. Zhur. eksp. i teor. fiz. 40 no. 6 1825-1831 Je '61
Comments on the theory of electronic plasma in a magnetic field. V. L. Bronch-Bruevich, A. G. Mironov. Fiz. tver. tela 2 no. 3 189-196 Mr '60
Conditions of the stability of the function of electron distribution in plasma [with summary in English]. A. I. Akhiezer, G. IA. Liubarskii, R. V. Polovin. Zhur. eksp. i teor. fiz. 40 no. 3, 963-969 Mr '61
Convectional instability of rarefied plasma [with summary in English]. IU. IA. TSerkovnikov. Ukr. mat. zhur. 13 no. 2 190-200 '61
Determining the effect of the composition of the test on the inflow of matter into the plasma of the direct current arc. V. P. Zakharov, O. A. Shyshlovskyi. Visnyk Kyivun. no. 2 Ser. fiz. ta khim. no. 1 21-25 '59
Effect of a constant magnetic field on the stability of a homogeneous plasma in the field of a traveling electromagnetic wave. T. F. Volkov. Zhur. tekh. fiz. 31 no. 9-1149-1151 S '61.
Effect of a magnetic field on the operation of a plasma thermoelement. G. I. Pikus. Zhur. tekh. fiz. 31 no. 8 1013-1016 Ag '61.
Effect of the final conductivity on the stability of a slightly curved string plasma. RI. V. Vandakurov. Zhur. tekh. fiz. 31 no. 8,907-915 Ag '61
Energy losses by radiation in a gas-discharge plasma. V. D. Kirillov. Zhur. tekh. fiz. 30 no. 3 320-329 Mr '60
Experiments on the electrodynamic acceleration of plasma. I. F. Kvartskhava, R. D. Meladze, K. V. Suladze. Zhur. tekh. fiz. 30 no. 3 289-296 Mr '60
Interaction between an ion beam and a magnetoactive plasma. N. L. TSintsadze, D. G. Lominadze. Zhur. tekh. fiz. 31 no. 9 1039-1048 S '61
Interaction of a beam of charged particles and a plasma. R. A. Demirkhanov, A. K. Grevtsov, A. F. Popov. Zhur. tekh. fiz. 30 no. 3 315-319 Mr '60
Investigation of ionic cyclotron resonance in a dense plasma. K. D. Smel'nikov and others. Zhur. tekh. fiz. 30 no. 3 283-288 Mr '60
Investigation of the electrodynamic acceleration of plasma clots. Part 3. (Coaxial system). S. IU. Lukianov, I. M. Podgornyi, S. A. Chuvatin. Zhur. tekh. fiz. 31 no. 9 1026-1032 S '61
Investigation of the high-frequency oscillations in a glowing neon discharge at low pressures. F. G. Zvereva. Uch. zap. Kuib. gos. ped. inst. no. 29:85-91 '59
Law of energy conservation and expression for energy density in the dynamics of an absorbing and dispersive medium [with summary in English]. V. L. Ginzburg. Izv. vys. ucheb. zav., radiofiz. 4 no. 1 71-89 '61.
Magnetohydrodynamic surface waves. L. S. Solov'ev. Zhur. tekh. fiz. 31 no. 4 407-418 Ap '61
Method for measuring the charge concentration in plasma by means of a resonance superhigh-frequency probe. S. M. Levitskii, I. P. Shashurin. Zhur. tekh. fiz. 31 no. 4 436-444 Ap '61
Passage of a beam of charged particles through a magnetic plasma [with summary in English]. O. B. Kitsenko, K. N. Stepanov. Ukr. fiz. zhur. 6 no. 3 297-307 My-Je '61
Plasma with a high concentration of charged particle entering a vacuum. M. D. Gabovich, L. L. Pasechnik, E. A. Lozovaia. Zhur. tekh. fiz. 31 no. 9-1049-1056 S '61
Plasmatron as a light source for spectroscopic studies. F. A. Korolev, IU. K. Kvaratskheli. Opt. i spektr. 10 no. 3,398-402 Mr '61
Reflection of electromagnetic waves by plasma. V. I. Kurylko, V. I. Miroshnychenko. Ukr. fiz. zhur. 6 no. 3 415-416 My-Je '61.
Reflection of electromagnetic waves from a plasma moving in a slow-motion wave-guide. V. I. Kurilko. Zhur. tekh. fiz. 31 no. 8, 899-906 Ag '61.
Sagging of the potential on the discharge axis with electron oscillation in a magnetic field. M. D. Gabovich, O. A. Bartnovskii, Z. P. Fedorus. Zhur. tekh. fiz. 30 no. 3 345-353 Mr '60
Spatial dispersion in a relativistic plasma [with summary in English]. V. N. TSytovich. Zhur. eksp. i teor. fiz. 40 no. 6:1775-1787 Je '61
Stability of a thin annular plasma conductor in a magnetic field. IU. V. Vandakurov. Zhur. tekh. fiz. 30 no. 3-330-337 Mr '60.
Stabilization of plasma clots. G. A. Askar'ian. Zhur. tekh. fiz. 31 no. 9 1036-1038 S '61.
Theory of the interaction between a charged particle and plasma in a magnetic field [with summary in English]. I. A. Akhiezer. Zhur. eksp. i teor. fiz. 40 no. 3, 954-962 Mr '61.
Thin foils method for determining the energy of ions in a high-temperature plasma. IU. V. Goit, V. G. Tel'kovskii. Zhur. tekh. fiz. 31 no. 9 1061-1065 S '61.

PLASMA (IONIZED GASES) (Continued)

Transverse refraction index of a plasma on the threshold of cyclotron frequencies and their harmonics V. P. Demidov. Dokl. AN SSSR 130 no 6 1312-1314 Ap '60.

Use of a spectroscope in determining the deionization rate of cesium vapors in a magnetic field IU. M. Aleskovskii, V. L. Granovskii. Radiotekh. i elektron. 6 no. 9:1590-1592 S '61.

PLASMA (IONIZED GASES)—ELECTRIC PROPERTIES

Conductivity of plasma in a straight-line pinch V. A. Suprunenko and others. Zhur. tekh. fiz. 31 no 9 1057-1060 S '61

Effect of electrostatic instabilities on the electric conductivity and temperature of plasma V. D. Shapiro. Ukr. fiz. zhur. 6 no 3 426-429 My-Je '61

PLASMA (IONIZED GASES)—MAGNETIC PROPERTIES

Studying the magnetic properties of a plasma behind a strong shock wave front. K. D. Sinel'nikov and others. Zhur. tekh. fiz. 31 no 8:893-898 Ag '61

PLASMA (IONIZED GASES)—THERMAL PROPERTIES

Thermal conductivity of plasma [with summary in English]. V. S. Imshennik. Astron. zhur. 38 no 4 652-655 Jl-Ag '61

PLASMA OSCILLATIONS

Damping of cyclotron oscillations in an inhomogeneous plasma V. V. Chechkin and others. Zhur. tekh. fiz. 31 no 9 1033-1035 S '61

High-frequency oscillations in a restricted plasma R. Kh. Demirkhanov and others. Zhur. tekh. fiz. 30 no 3:306-314 Mr '60

Interaction of beams of charged particles with low-frequency plasma oscillations [with summary in English] A. I. Akhiezer, A. B. Kitsenko, K. N. Stepanov. Zhur. eksp. i teor. fiz. 40 no. 6:1866-1870 Je '61.

PLASTERBOARD—DRYING

Study of convective drying of gypsum cement panels N. B. Marfiamov, V. I. Biriukova. Stroi. mat. 7 no. 8 36-38 Ag '61

PLASTERING

(see also subdivision under Volgograd)

We work without scaffolding. L. Garifullina. Na stroi Ros. no. 7:5 Jl '61

PLASTIC BEARINGS

Replacing bronze bearing bushings with textolite bushings. I. A. Beliaev. Sbor. rats. predl. vnedr. v proizv. no 5:23 '60.

PLASTIC BUILDINGS see Buildings, Plastic

PLASTIC PIPE see Pipe, Plastic

PLASTIC SURGERY see Surgery, Plastic

PLASTICITY

Anomalous increase in the plasticity of $\alpha + \beta$-brass. G. V. Starikova, A. A. Presniakov. Trudy Inst. fiz. AN Kazakh. SSR 1:33-38 '61.

Diffusion mechanism of plasticity. A. A. Presniakov. Trudy Inst. fiz. AN Kazakh. SSR 4:111-115 '61

Equations of the theory of inherent plasticity [with summary in English]. M. I. Rozovskyi. Dop. AN URSR no 7 881-884 '61.

Investigating the plasticity of β-brass. G. V. Starikova, A. A. Presniakov. Trudy Inst. fiz. AN Kazakh. SSR 4 39-41 '61.

Nature of plasticity dips in aluminum alloys V. A. Presniakov, V. V. Chervlakova, K. K. Kasymbekova. Trudy Inst. fiz. AN Kazakh. SSR 4:15-22 '61.

Plastic flow of metal in sizing-mill rolling I. A. Mamedov. Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk no 6:21-30 '60

Plasticity of copper-aluminum alloys. K. T. Chernousova, A. A. Presniakov. Trudy Inst. fiz. AN Kazakh. SSR 4:9-14 '61

Problem of the plastic state of a material under a rigid rough stamp in the case of eccentric loading. IU. I. Solov'ev. PMTF no. 1:110-116 My-Je '60

Rate of growth of cracks in the plastic failure of metals V. F. Lozovskaia, P. O. Pashkov, A. V. Serebriakov. PMTF no 1:103-109 My-Je '60.

Rigid-plastic equilibrium underneath a stamp. IU. I. Solov'ev. Izv. Sib. otd. AN SSSR no. 7:13-22 '61.

Solution of a system of plastic equilibrium equations for a flat stressed state by means of cyclization [with summary in English]. M. A. Lukomskaia. Inzh.-fiz. zhur. 4 no. 9:100-110 S '61.

Superplasticity of eutectoid alloys of aluminum and zinc. A. A. Presniakov, V. V. Chervlakova. Trudy Inst. fiz. AN Kazakh. SSR 4:23-32 '61.

Theory of plastic anisotropy [with summary in English]. V. V. Dudukalenko. Dop. AN URSR no. 7:872-875 '61.

PLASTICS

Characteristics of time-dependent changes in the strength and deformability of plastics at increased temperatures [with summary in English]. F. P. Bieliankin, H. I. Dybenko. Dop. AN URSR no. 7:885-890 '61.

Gorskii, B. Z., and L. P. Bezhenutsa. [Plastics in the construction industry; manufacture and use] Plastmassy v stroitel'stve, proizvodstvo i primenenie. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 315 p.

Konovalov, P. G. [Plastics, their properties and use in industry, reference manual] Plasticheskie massy, ikh svoistva i primenenie v promyshlennosti, spravochnoe posobie. Moskva, Gos. izd-vo "Vysshaia shkola," 1961 180 p.

Plastic type S. I. Shaposhnikov. Zbor. nauch. rab. VNIIPPiT no 9:3-27 '58.

Romanov, B. V., ed. [Shaping plastics] Pererabotka plasticheskikh mass; obzor. Leningrad, Leningradskii Dom nauchno-tekhn. propagandy. Pt. 2. 1960 67 p.

Splints from a thermoplastic material. S. F. Fedorov, K. M. Sivash, V. N. Kulagina. Ortop., travm. i protez no 7 56-57 '61.

Using plastics in manufacturing large machine-tool parts. B. A. Gladkov and others. Stan. i instr. 32 no. 8:1-4 Ag '61

Using "stiratakril" in repairing and modernizing industrial equipment. G. D. Pekelis. Vest. mash. 41 no. 8:50-52 Ag '61.

PLASTICS—MOLDING

Polilakov, IU. L., and A. S. TSyganov. [Making dies for cold stamping from plastics on an epoxy resin base] Izgotovlenie shtampov dlia kholodnoi shtampovki iz plasticheskikh mass na osnove epoksidnykh smol. Leningrad, 1960. 14 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serita: Kholodnaia shtampovka, no. 8)

PLASTICS—WELDING

Friction welding of plastics I. I. Makarov. [Trudy] MVTU no. 101, 124-131 '61.

Radiation welding. Znan. sila 36 no. 8:11 Ag '61.

Ultrasonic welding of plastics A. V. Mordvintseva. [Trudy] MVTU no 101 108-123 '61

Welding a combined polyamide and polyethelene film reinforced with capron K. I. Zaitsev, G. P. Samarina. Stroi. truboprov. 6 no 7-30-31 Jl '61.

Welding of poly(vinyl chloride) films in the process of assembling. K. I. Zaitsev. Svar. proizv. no. 9:26-27 S '61.

PLATE TOWERS

Kasatkin, A. G., A. N. Planovskii, and O. S. Chekhov. [Calculation of plate distillation and absorption apparatus] Raschet tarel'chatykh rektifikatsionnykh i absorbtsionnykh apparatov. Moskva, Gos. izd-vo standartov, 1961. 80 p.

Mass transfer during the rectification in columns with perforated plates of the turbogrid type. N. A. Kochergin, V. V. Dil'man, V. M. Olevskii. Khim. prom. no. 8 567-570 Ag '61.

PLATES, ALUMINUM

Chernakov, F. A. [Argon-tungsten arc cutting of aluminum alloy sheet in thicknesses up to and including 50 mm.] Argono-dugovaia rezka vol'framovym elektrodom alliuminievykh splavov tolshchinoi do 50 mm vkliuchitel'no. Leningrad, 1960. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serita: Svarka i paika metallov, no. 9)

PLATINUM

Effect of gamma rays on the activity of platinum-containing catalysts. Kh. M. Minachev, IU. S. Khodakov. Izv. AN SSSR, Otd. khim. nauk no. 8 1430-1432 Ag '61.

Reactivity of amines in the inner sphere of tetravalent platinum IU. N. Kukushkin. Zhur. neorg. khim. 6 no 8 1762-1768 Ag '61

PLATINUM COMPOUNDS

Method for preparing Alexander base $[Pt(NH_2OH)_4](OH)_2$ and Lossen chloride $[Pt(NH_2OH)_4]Cl_2$ A. I. Stetsenko. Zhur. neorg. khim. 6 no. 8, 1769-1770 Ag '61

Synthesis of some bromine-containing platinum complexes. G. A. Shagisultanova. Zhur. neorg. khim. 6 no. 8 1771-1773 Ag '61

PLATINUM-COPPER ALLOYS see Copper-platinum alloys

PLATINUM PLATING

Platinum plating of titanium and titanium alloys. IU. V. Baimakov, K. P. Batashev. Zhur. prikl. khim. 34 no. 8:1879-1880 Ag '61.

PLATINUM-TUNGSTEN ALLOYS—METALLOGRAPHY

Change of hardness of commercial-grade, platinum-tungsten and palladium-tungsten alloys. V. S. Mes'kin, R. I. Mishkevich, N. Sh. Serova. Fiz. met. i metalloved 12 no. 1:140-144 Jl '61.

PLAVSK—CHORAL SOCIETIES

Ruban, Sav. [Plavsk singers] Plavskie pevtsy. Moskva, Gos. izd-vo kul'turno-prosv. lit-ry, 1952. 54 p. (Bibliotechka "Khudozhestvennaia samodeiatel'nost'," no. 23)

PLAY

Development of child's imagination in play. R. I. Zhukovskaia. Sov. pedag. 25 no. 9:91-102 Ag '61.

PLEKHANOV, GEORGII VALENTINOVICH, 1856-1918

"Selected philosophical works in five volumes" by G. V. Plekhanov. Reviewed by L. E. IAkobson. Vop. filos. no. 6:173-176 '57.

PLESHCHEEV, ALEKSEI NIKOLAEVICH, 1825-1893

Meetings with a stranger. Mark Poliakov. Nauka i zhizn' 28 no 8:80-83 Ag '61

PLEURA—DISEASES

Locking arteries of the lungs, pleura and pleural adhesions [with summary in English] V. S. Zhdanov. Arkh. pat. 21 no 9:36-42 '59

PLEXIGLAS—THERAPEUTIC USE

Cranioplasty in large osseous trepanation defect of the skull with organic glass I. B. Cherner. Voen.-med. zhur. no 6:82 Je '61

PLOWS

The PRVN-1, 5 subsoiler. A. S. Patsiuk. Biul. tekh.-ekon. inform. no 7:76-78 '61.

PLUM

Acclimatization of the Karzin plum. G. K. Renard. Trudy OmSKhI 43:107-114 '61.

Effect of the seed coat, humidity, and degree of the ripeness of fruit on the germination of cherry and plum seeds. G. V. Zubareva. Trudy OmSKhI 43:115-121 '61.

PLYWOOD see subdivision under United States

PNEUMATIC CONTROL

Approximate calculation of the inertness of the pneumatic system: air duct-servomotor. N. F. Brofdo. Izm. tekh. no. 9:13-16 S '61.

Calculation of the durability of single-layer bellows sealing devices found in some pneumatic devices with large pressure jumps. V. V. Kukhinskii. Trudy MAI no. 134 187-202 '61.

Pneumatic bellows-sealed actuating mechanisms. V. IA. Arrisson. Priborostroenie no. 8:8-11 Ag '61.

Pneumatic diaphragm-type actuating mechanisms (dimensional series and technical characteristics). V. IA. Arrisson. Priborostroenie no. 8:3-5 Ag '61.

Some problems in the classification and design of pneumatic control systems for automatic machinery V. P. Zenchenko. Trudy Inst. mash. Sem. po teor. mash. 22 no. 87:80-96 '61.

PNEUMATIC MACHINERY

Pneumatic proportioning of reagents. L. N. Airapetian. Energetik 9 no. 4:16-17 Ap '61.

PNEUMATIC PUMP see Air pump

PNEUMATIC-TUBE TRANSPORTATION

(see also subdivision under Kuybyshev)

Calculating the resistance of the runway in pneumatic transportation [with summary in English]. M. E. Dogin, A. I. Karpov. Inzh. fiz. zhur. 4 no. 7:47-51 Jl '61.

Dependence of the resistance of pneumatic tube systems on the basic parameters of a two-phase flow [with summary in English] M. E. Dogin, V. P. Lebedev. Inzh.-fiz. zhur. 4 no. 8, 93-98 Ag '61.

Loss of head due to the impingement of particles against the walls in pneumatic transportation through horizontal pipes [with summary in English]. B. F. Kalugin. Inzh. fiz. zhur. 4 no 7:40-46 Jl '61.

Pneumatic transportation of cereal products in horizontal tubes A. M. Dziadzio, A. S. Kemmer. Izv. vys. ucheb. zav.; pishch. tekh. no. 3:78-85 '60.

Problems of transporting dough by tubes. V. S. Geishtor. Izv. vys. ucheb. zav.; pishch. tekh. no. 3:86-88 '60.

Resistance of horizontal tubes in pneumatic transportation of grain products A. I. Karpov. Izv. vys. ucheb. zav.; pishch. tekh. no. 4:134-139 '61.

PNEUMONIA

(see also subdivision under Krasnoyarsk Territory)

At the Therapeutic Section of the Medical Council of the Military Medical Department in the Ministry of Defense. V. Kh. Chirkin. Voen.-med. zhur. no. 6:94-95 Je '61.

Change in the permeability of the capillaries in pneumonias in children. T. S. Sirotova. Pediatriia no. 9:33-37 '61.

Control of pneumonia is the main problem in lowering disease incidence and mortality in infants. Vop. okh. mat. i det. 6 no. 7:3-6 Jl '61.

Course of pneumonia in infants in relation to the type of pathogen and antibacterial therapy. T. I. Kameneva, A. N. Safonova. Vop. okh. mat. i det. 6 no. 7:7-12 Jl '61

Development and morbidity in children with a history of pneumonia during the first 6 months of life. I. D. Dubinskaia. Pediatriia no. 9, 37-42 '61.

Etiology of pneumonia in children with whooping cough. E. S. Kuteman, V. D. Liubimova, N. D. Gusarova. Vop. okh. mat. i det. 6 no. 7:38-43 Jl '61.

Immunobiological reactivity of infants during severe recurrent pneumonia [with summary in English]. V. M. Chistsova, N. I. Babikova, L. I. Klimova. Vop. okh. mat. i det. 6 no. 7:27-31 Jl '61.

PNEUMONIA (Continued)

Importance of the health resort factor in the combined treatment of chronic pneumonias in children [with summary in English] K. F. Sokolova Vop okh mat i det 6 no 7:22-27 Jl '61

Oxygen deficiency in pneumonias in children Report No 1 T. A. Lebedinskaia, A. A. Ananenko. Pediatriia no 9 11-15 '61.

Pneumonia in children during the 1st year of life. Ustinovich. Vop okh mat i det 6 no. 7:77-78 Jl '61

Regulation of radiant heat emission and diaphoresis in children with toxic pneumonias. N B. TSaruk Pediatriia no 9:21-26 '61.

Role of penicillin in the prevention and treatment of pneumonias in combined injuries K P Mordovskii Voen.-med zhur. no 6,75-76 Je '61.

Segmental pneumonias in infants (clinical and roentgenological characteristics). A. K. Svetlova, N. G Dement'eva. Pediatriia no 9 3-10 '61

Significance of ozocerite therapy in acute pneumonia in infants [with summary in English] V N Gromova Vop okh mat i det 6 no 7:10-22 Jl '61

Some problems in the pathomorphology of the central nervous system in young children with different forms of pneumonia M. S. Bokeriia, B R. Naneishvili, G I Nizharadze. Soob AN Gruz. SSR 26 no 5 619-621 My '61.

Staphylococcal pneumonias in infants L. Rachev and others Pediatriia no 9 16-21 '61.

Use of oxygen therapy in combined treatment of infants with pneumonia. Pediatriia no 9 27-33 '61

Use of prednisone in the compound treatment of pneumonia in infants [with summary in English] L A Timofeevskaia Vop okh mat i det 6 no 7,12-14 Jl '61.

Use of prednisone in the compound treatment of toxic forms of pneumonia in infants [with summary in English] T L. Mariupol'skaia, N O. Skol'skaia Vop okh mat. i det 6 no. 7:14-16 Jl '61

PNEUMOTHORAX

Late results of excision of the lower lobe and lingual segments of the left lung complicated by forced pneumothorax P. I. Egorov Pediatriia no. 9 42-43 '61.

PODKAMENNAYA TUNGUSKA VALLEY—METEORITES

Cometary nature of the Tunguska meteorite [with summary in English] V. G. Fesenkov Astron zhur. 38 no 4 577-592 Jl-Ag '61

New data on the Tunguska catastrophy of 1908. Nauka i zhizn' 28 no. 7:21 Jl '61.

Visitors from the cosmos. Aleksandr Kazantsev. Smena 38 no. 10 19-21 My '61.

PODOL'SK—PRINTING INDUSTRY

Specialization in production. D. Bliufarb. Poligr. proizv. no. 7 18-19 Jl '61.

PODZOL

Cultivation and increasing the fertility of light tundra-Podzolic soils [with summary in English]. M. G. Chizhevskii, P. M. Dalev, A. E. Osin. Izv. TSKhA no. 2 40-56 '61.

POGONOPHORA

(see also subdivision under Pacific Ocean)

Fate of pogonophora. A. V. Ivanov. Nauka i zhizn' 28 no. 7:60-63 Jl '61.

POGREBISHCHENSKIY—SUGAR MANUFACTURE

Processing raw cane sugar at the Pogrebishchenskiy Sugar Factory. B. I. Breziniskii. Sakh. prom. 35 no. 8:28-31 Ag '61.

POISONOUS PLANTS see subdivision under Omsk Province

POLAND—ARCHITECTURE

Exhibition of Polish architecture. Arkhit SSSR no. 6 54-61 '61.

POLAND—BOUNDARIES—GERMANY

Goguel, Rudi, and Heinz Pohl [Oder-Neisse, border of peace. Translated from the German] Oder-Neisse, granitsa mira. Moskva, Izd-vo inostr. lit-ry, 1960. 198 p.
(CLU)

POLAND—CARBONATED BEVERAGES—EQUIPMENT AND SUPPLIES

Automatic saturator. V. Kerzner, A. Bekker. Obshchestv. pit. no. 7:56 Jl '61.

POLAND—CITY PLANNING

Problems of city planning in Poland. R. Karlovich. Arkhit. SSSR no. 7:52-57 '61

POLAND—CONSTRUCTION INDUSTRY

Scientific works of Polish construction economists. Ekon. stroi. no. 8:63-65 Ag '61.

POLAND—DESCRIPTION AND TRAVEL

From the Bug River to the Oder. Stanislav IAremchak. Ogonek 39 no. 25:26-27 Je '61.

POLAND—EDUCATION, HIGHER

Under the conditions of fraternal cooperation. H. Golanski Vest vys shkoly 10 no 8,27-28 Ag '61

POLAND—ELECTRONICS

Electronics in people's Poland. I. Knysh. Radio no 3 18-19 Mr '61

POLAND—HISTORY

A. I Herlzen and the Polish national liberation movement in the late 1850's and the early 1860's. G. G. Frumenkov Sbor. trud Arkh gos ped inst no 3 36-51 '59

"The Baltic question in the 16th and the 17th centuries" [in French] by W Czaplinski Reviewed by A S. Kan Sred veka no 20:301-302 '61

POLAND—INDUSTRIES

Galenko, P. V. [Socialist nationalization of capital assets in the Polish People's Republic] Sotsialisticheskaia natsionalizatsiia osnovnykh sredstv proizvodstva v Pol'skoi Narodnoi Respublike. Moskva, Izd-vo Akad. nauk SSSR, 1961. 341 p.

Largest new construction projects of Poland and Czechoslovakia V P. Maksakovskii. Geog v shkole 24 no 1 19-29 Jl-Ag '61

POLAND—INDUSTRIES, LOCATION OF

Changes in the distribution of industrial production in Poland during the six-year plan, 1950-1955. V. A Golubev. Nauch. zap Kiev. fin.-ekon inst no 9,143-159 '59.

POLAND—MOTION PICTURES, DOCUMENTARY

Chroniclers of life, on the Polish documentary film Mieczyslaw Walaszek Isk kino no 8 135-139 Ag '61.

POLAND—RELATIONS (GENERAL) WITH THE UKRAINE

An important form of cooperation between the Ukrainian and Polish peoples. I F. Revsielev Ukr ist zhur 5 no. 5,87-96 S-O '61.

POLAND—THEATER

Light and shadows of the Polish theater. V Frolov Teatr 22 no 9.170-178 S '61

POLAND—TRADE UNIONS

Trade-union democracy in Poland. A. Foren. Vsesn. prof. dvizh. no. 8 40-43 Ag '61

POLAND—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

One among many others E. Markova. Vop. ist. no. 9: 207-209 S '61.

POLARIZATION (ELECTRICITY)

Effect of the corrosive medium on the characteristic shape of the polarization curve in corrosive cracking of metals. N. I. Kudinova, V. V. Romanov. Zhur. prikl. khim. 34 no. 8:1825-1829 Ag '61.

Kinetics of cathodic and anodic polarization in sulfuric acid solutions of UO_2^{2+} IA P. Gokhshtein, Gao TSai-shen. Zhur neorg. khim 6 no. 8,1821-1830 Ag '61.

Kinetics of the cathodic and anodic polarization of hydrochloric acid solutions of UO_2^{2+} [with summary in English]. IA. P. Gokhshtein, Gao TSai-shen. Zhur. fiz. khim. 35 no. 8 1699-1705 Ag '61

Kinetics of the e. m. f. of high-voltage polarization in dielectrics. M. L. Chetkarov. Fiz. tver. tela 3 no. 8: 2193-2196 Ag '61

Methods for measuring an emf. of high-voltage polarization O. I. Prokopalo. Fiz tver tela 2 no 2 302-305 F '60

Studying cathodic polarization in the electrolysis of gallate solutions. N. I. Eremin. Izv. vys. ucheb. zav., tavet. met. 4 no. 4:97-101 '61.

POLARIZATION (LIGHT)

Effect of temperature and viscosity on the polarization of fluorescence in phthalimides A M. Sarzhevskii. Opt. i spektr. 10 no. 5:621-626 My '61.

Maximum polarization of the fluorescence of porphyrins. G. P. Gurinovich, A. N. Sevchenko, K. N. Soloviev. Opt. i spektr. 10 no. 6:750-758 Je '61.

POLAROGRAPH

Possible use of the oscillographic polarograph for determining zero charge potentials [with summary in English]. B. B. Damaskin, O. A. Petrii. Zhur. fiz. khim. 35 no. 8:1863-1864 Ag '61.

POLAROGRAPHY

Polarographic behavior of vanillin. A. I. Markman, M. F. Fazylova. Uzb. khim. zhur. no 4:61-66 '61.

Polarographic investigation of the suitability of quinhydrone preparation for pH measurement of glucose-phosphate solutions. V. M. El'gort, Z. I. Zelikman Izv vys ucheb zav., pishch tekh. no 4:146-148 '61.

POLESYE—COLLECTIVE FARMS—FINANCE

Effect of potato production upon the consolidation of collective-farm economy in Polesye. V. U. Byba. Nauch. zap. Kiev. fin.-ekon. inst. no. 9:209-226 '59

POLESYE—DRAINAGE

Drainage and reclamation of water-logged lands in Polesye. P. I. Shchitnikov. Gidr. i mel. 13 no. 3, 48-55 Mr '61.

POLESYE—KARST

Karstic relief forms of the Volyn' Polesye O. M Marynych. Geog zbir. no 4,49-55 '61

POLESYE—POTATOES

Effect of potato production upon the consolidation of collective-farm economy in Polesye V. U. Byba Nauch. zap Kiev. fin.-ekon. inst no 9:209-226 '59

POLIOMYELITIS

Elongating arthrodesis of the knee joint G. I. Sautskaia. Ortop., travm i protez. no 6 71-73 '61.

Surgical elongation of shortened lower extremities of paralytic etiology. B. I. Berlinei Ortop., travm i protez no. 7,35-39 '61

Suspension apparatus for training poliomyelitis patients to walk A. IA Khaninkina. Ortop, travm i protez no 5,51-53 '61

Work of the prosthesis shop at the sanatorium for children with poliomyelitis. N. A. Shenk Ortop., travm i protez no 5,45-46 '61.

POLIOMYELITIS—PREVENTION

Victory over a virus Aleksandra Stroi'tsova Smena 38 no. 10:29 My '61.

POLITICAL SCIENCE

V. I. Lenin on the role of masses in socialistic transformation of the society and the construction and government of a socialist state [in Azerbaijani]. O S Ragimov Trudy Azerb gos. zaoch ped inst. 6:5-32 '59.

POLITICAL SCIENCE—STUDY AND TEACHING

Practical exercises and seminars in the course "Fundamentals of political science" V. I. Kaliuzhnyi Prep. ist v shkole 16 no. 5 28-38 S-O '61.

POLLINATION see Fertilization of plants

POLOGI DISTRICT—COMMUNITY CENTERS

A solemn reception M. Kulyk Sots kul't no 8 20-21 Ag '61

POLOTNYANYY—HISTORY

Pantelеev, V. M. [Polotnyanyy Zavod; a historical sketch] Polotnianyi Zavod; istoricheskii ocherk. [Kaluga] Kaluzhskoe knizhnoe izd-vo, 1959. 44 p. (MH)

POLOTSK—PETROLEUM INDUSTRY

You can see the construction site from afar. Siarhei Hrakhouski. Belarus' 18 no. 9:3-4 S '61.

POLTAVA PROVINCE—UKRAINIAN NEWSPAPERS

Follow-up of articles published in our periodical. Komm Ukr. 37 no 9 98 S '61

POLYCHAETA

(see also subdivision under Kola Gulf)

Heat resistance of cells of the lugworm in relation to the environmental temperature. IU. N. Gorodilov. Taitologiia 3 no. 4 469-471 Jl-Ag '61.

POLYELECTROLYTE SOLUTIONS see Electrolyte solutions

POLYETHYLENE

Preparation of chlorosulfonylated polyethylene rubber mixtures which are near resistant and not susceptible to the aging in light and ozone. IU F. Andrianov, I. K. Burova, S. E. Budlevskaia Kauch i rez. 20 no. 8:9-11 Ag '61.

Shifrina, V. S., and N. N. Samosalskii, [Polyethylene production and properties] Polietilen; poluchenie i svoistva. Pod red. S. V. Shchukskogo. Izd. 3., dop. i ispr. Leningrad, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1961. 174 p. (Novye plasticheskie massy)

Synthesis of polyethylene and ethylene copolymers with propylene and α-butylene on a chromium oxide catalyst M A. Dalin and others Azerb. khim zhur. no. 1:17-22 '61

POLYETHYLENE—SPECTRA

Theory of the vibration spectra of polymers. Part 3. Calculation and interpretation of the vibrational spectrum of polyethylene. IU. IA. Gotlib, L. V. Kudinskaia. Opt i spektr. 10 no 3:335-342 Mr '61.

POLYMERIZATION

Activity of chromoaluminomagnesiosilicate catalysts in the reaction of polymerization of ethylene into polyethylene. Z. G. Zul'fugarov and others. Azerb. khim zhur. no. 2:107-115 '60.

Anion polymerization in the presence of aromatic compounds. A. A. Arest-IAkubovich, A. R. Gantmakher, S. S. Medvedev. Dokl. AN SSSR 139 no. 6:1351-1353 Ag '61.

Copolymerization of ethylene with α-olefins on a chromium oxide catalyst. M. A Dalin and others. Azerb. khim zhur. no. 2,9-16 '61

Telomerization of dimethylcyclosiloxanes. Report No. 1. Production of linear α, ω -dichlorodimethylsiloxanes. K. A. Andrianov, V. V. Severnyi, B. G. Zavin Izv. AN SSSR. Otd. khim. nauk no. 8:1456-1461 Ag '61

Temperature field at the maximum rate of polymerization [with summary in English]. A G. Belkin, IU N. Sulcev. Inzh.-fiz. zhur. 4 no. 8:126-129 Ag '61

POLYMERS
Artificial muscle. Moskva 5 no.8:198 '61.
Investigating the effect of a transverse stroke against a flexible thread in a continuum (large deformations) P A Rebinder Izv. AN Azerb SSR, Ser fiz -mat i tekh nauk no 6 37-47 '60
Reinforced concrete enriched with polymers and its prospects in urban development S Davydov Arkhit SSSR no 6 13-14 '61
Structure of oriented polymeric materials V A Berestnev and others Dokl AN SSSR 139 no 5 1093-1094 Ag '61

POLYMERS—BIBLIOGRAPHY see Bibliography—Polymers

POLYMERS—DIPOLE MOMENTS
Dielectric method of studying molecular relaxation in polymers G P Mikhailov, T I Borisova Usp. khim 30 no 7 805-813 Jl '61

POLYMERS—SPECTRA
Anion polymerization in the presence of aromatic compounds A A Arest-Iakubovich, A R Gantmakher, S S Medvedev Dokl. AN SSSR 139 no 6 1351-1353 Ag '61.
"The infrared spectra of polymers" by A. Elliot (from "Advances in spectroscopy," no.1, 1959). Usp.fiz. nauk 74 no.4:627-674 Ag '61.
Theory of the vibration spectra of polymers. Part 3. Calculation and interpretation of the vibrational spectrum of polyethylene IU IA Gotlib, L V Budnitskaia Opt i spektr 10 no 3 353-362 Mr '61

POLYMERS, HIGH see Macromolecular compounds

POLYMETHYLENE COMPOUNDS
Synthesis of polymethylene-bis-quinoleuidinium halides E P. Mikhlina, V IA Vorobieva, M V. Rubtsov Zhur. ob khim 31 no. 8 2609-2613 Ag '61

POLYMORPHISM
Polymorphism of crystalline polypropylene V. A. Kargin, I. I. Gorina Dokl AN SSSR 139 no 6 137 Ag '61
Polymorphism of zinc A A Pitsniakov, L. I. Daulova Trudy Inst. tsd fiz AN Kazakh. SSR 9:49-17 '61

POLYMYXIN
Chemistry of polymyxin M. Part 3 Partial hydrolysis of polymyxin M A. B. Silaev and others Zhur ob khim 31 no. 8 2712-2716 Ag '61
Chemistry of polymyxin M. Part 4 Synthesis and properties of possible fragments of polymyxin M. A B Silaev, V M Stepanov, L V Kozlov Zhur ob khim. 31 no 8 2716-2721 Ag '61

POLYNOMIALS
Applying the step-by-step approximation method to determine all the roots of an algebraic polynomial V A Voevodin. Zhur. vych mat. i mat fiz. 1 no. 2:187-195 Mr-Ap '61
Best approximation of ideally monotonic and certain other functions in the L-metric by means of trigonometric polynomials. V. K. Dzhadyk Izv AN SSSR, Ser mat. 25 no. 2:173-238 Mr-Ap '61.
Form of a certain class of extremum functions least deviating from zero and satisfying several relations which are linear with respect to the coefficients I A Grigor'eva Dokl AN SSSR 139 no 5 1014-1017 Ag '61
Some estimations concerning algebraic hypersurfaces and derivatives of rational functions E P Dolzhenko. Dokl. AN SSSR 139 no. 6 1287-1290 Ag '61.

POLYPROPYLENE
Polymorphism of crystalline polypropylene V A Kargin, I. I Gorina. Dokl. AN SSSR 139 no. 6 137 Ag '61.

POLYSACCHARIDES
Antigenic characteristics of lipoid-polysaccharide complexes from tissues of old animals [with summary in English] V. A Karev. Biul eksp. biol i med 51 no 1 86-91 Ap '61

POLYZOA, FOSSIL see subdivision under Fergana, Kuznetsk Basin

POPLAR
Effect of ultrasonic waves on the growth of poplar buds and their phytoncidal properties. T. A. Gurevich Izv Sib. otd. AN SSSR no. 7:116-119 '61.

POPOV, ALEKSANDR STEPANOVICH, 1859-1905
Aleksandr Stepanovich Popov, master of visual experiment M. M. Germanov Fiz v shkole 21 no 2:79-83 Mr-Ap '61.

POPPY
(see also subdivision under Istiau region)
Cultivation of the oilseed poppy. B. P. Shakh. Vest. sel'khoz. nauki [Kazakh.] 4 no.5:69-72 My '61

POPULAR FRONTS see subdivision under France

POPULISM (NARODNICHESTVO)
Literary trends in Russia during the 1880's and 1890's. N. S Voskresenskii Dop ta pov UzhDU, Ser filol no 2 20-22 '58

PORCELAIN
Black glaze for porcelain V. P Ghmalo Steklo i ker 18 no 8 33-35 Ag '61
Three-spindel unit for removing defects from the surface of porcelain articles. A I Bataloy Steklo i ker 18 no 8:41 Ag '61.

POROSITY
Changes in the pores of enclosing rocks in some deposits of northern Tajikistan IU A. Romanov and others Trudy Tsl M no 41:171-177 '61
Porosity of loess soils of the Ak-Gan'a Plateau I. G. Balaev Nauch zap MIIVKH 23 30-48 '60

POROUS MATERIALS
Basic equations of the permeability of compressible porous media. Ban Alosh, K.S Basniev, V.N. Nikolaevskii. PMTF no.3 52-55 S-O '61.

PORPHYRINS
Present state of knowledge of the geochemistry of porphyrins and their role in the solution of certain problems in petroleum geochemistry O A Radchenko Azerb khim. zhur no 3 147-153 '60.

PORPHYRINS—SPECTRA
Interpretation of the electron spectra of porphyrins on symmetry grounds. K. N. Solov'ev. Opt i spektr 10 no 6,737-741 Je '61
Maximum polarization of the fluorescence of porphyrins. G. P. Gurinovich, A. N. Sevchenko, K. N Solovtev Opt i spektr. 10 no. 6:750-758 Je '61

PORTER, WILLIAM SYDNEY, 1862-1910—BIBLIOGRAPHY see Bibliography—Porter, William Sydney, 1862-1910

PORTRAITS see subdivision under Jerusalem

PORTUGAL—COLONIES—AFRICA see Africa—Portuguese colonies

POSTAGE STAMPS—CATALOGS
[Postage stamps of the U.S.S.R. in 1958-1959, catalogue] Pochtovye marki SSSR, 1958-1959, katalog. Moskva, M-vo kul'tury RSFSR Glav. filatelisticheskaia kontora, 1960 94 p.

POSTAGE STAMPS—COLLECTORS AND COLLECTING
Our little friends. G. Gurevich. Sem'ia i shkola 16 no. 8:25 Ag '61.

POSTERS
Everything for man's convenience IU Rilov. Ogonek 39 no. 24 30 Je '61.
"Soviet posters during the civil war, from 1918 to 1921" by B. S. Butnik-Siverskii. Reviewed by S K. Hutians'kyi, Z. V. Lashkul. Ukr. ist zhur 5 no 5 139-141 S-O '61.

POSTURE
Load distribution on the foot in standing and walking. (Electrodynamographic studies) N. P. Chernina, V P Davydova, V. I. Korlukin Ortop., travm i protez no 7 40-45 '61.

POTASSIUM CHLORIDE
Flotation of sylvine by cationic collectors. A A. Zhelnin, L. A Otrozhdennova Obog i ud 4 no 2 6-8 '59.

POTASSIUM CHLORIDE CRYSTALS
Chemical state of radiophosphorus in KCl crystals irradiated by high energy protons A N Murin, S N Banasevich, R. V Bogdanov Izv. AN SSSR Otd khim nauk no 8 1433-1437 Ag '61

POTASSIUM FLUOZIRCONATE
Reaction of potassium fluozirconate with sodium hydroxide and ammonia in aqueous solutions. I A. Sheka, A A. Lastochkina Zhur neorg khim 6 no 8 1868-1874 Ag '61

POTASSIUM PERMANGANATE
Effect of the composition of a ferromanganese anode on the production of potassium permanganate. R. I. Agladze, IA. N. Mudzhiri, L I Topchishvili, Zhur prikl. khim. 34 no 8 1786-1793 Ag '61.

POTASSIUM PERRHENATE
Investigating the autoclave method of preparing rhenium from potassium perrhenate. A. N. Zelikman, V. F. Pritula. Izv. vys. ucheb. zav., tsvet. met. 4 no. 4:111-120 '61.

POTATO DIGGER (MACHINE)
Nut is hard but possible to crack. V I. Naumov, Nauka i zhizn' 28 no. 8:16-17 Ag '61

POTATOES
(see also subdivision under Polesye; Prigorod District; Ural Valley; Valdai Hills)
Earth apples I. Vol'per. IUn. nat. no. 9 22-25 S '61.
Physiological principles underlying the acceleration of development to obtain an early crop of potato tubers [with summary in English]. P. I. Hupalo Ukr. Bot zhur 18 no 4 13-21 '61
A session on the procurement of vegetables and potatoes Sov. deput. trud. no. 9 79-80 S '61
[Specialized state vegetable and potato farms] Spetsializirovannye ovoshche-kartofelevodcheskie sovkhozy. Moskva, Gos. izd-vo sel'khoz lit-ry, 1961 182 p. (DA)

POTATOES—DRYING
Effect of the use of dehumidifiers in containers on the storage capacity and quality of dried potatoes Z A Lats. Tekh i ekon prom 16 no 6 20-24 Je '61

POTEBNIA, ALEKSANDR AFANAS'EVICH, 1835-1891
Odessa. Universitet. [Oleksandr Opanasovych Potebnia, 1835-1891, summaries of transactions and reports at the scientific conference in honor of the 125th birthday of the distinguished Ukrainian linguist, Oct. 31-Nov. 1, 1960] Oleksandr Opanasovych Potebnia, 1835-1960, tezy dopovidei i povidomlen' na naukovii konferentsii prysviachenii 125-richchiu z dnia narodzhennia vydatnoho vitchyznianoho lingvista 31 zhovtnia-1 lystopada 1960 roku Odesa, M-vo vyshchoi i seredn'oi spetsial'noi osvity URSR, 1960. 46 p. [MICROFILM]

POTENTIAL, THEORY OF
Asymptotic behavior of Green's functions in quantum field theory [with summary in English] V P. Gachok Zhur. eksp. i teor. fiz 40 no. 3 879-881 Mr '61
Branching of Green's functions of electrons and photons [with summary in English] V. G Vaks Zhur eksp i teor fiz 40 no 6,1725-1727 Je '61
Gauge transformation of Green's functions [with summary in English] V. I. Ogievetskii, I. V. Polubarinov Zhur eksp i teor fiz 40 no 3 996-932 Mr '61
Green's E-function of Beltrami's operator and some variation problems. P. I Lizorkin Dokl. AN SSSR 139 no 5 1052-1055 Ag '61
Potential distribution in a tubular electron beam of finite length N S Zinchenko, V M Sotokina Zhur tekh fiz 31 no 9 1073-1076 S '61
Short-wave asymptotic expressions for Green's functions of a paraboloid of revolution (axisymmetric case) V. I. Ivanov Zhur vych. mat i mat fiz 1 no 1:90-104 Ja-F '61.
Uniqueness of the solution to the inverse problem of metaharmonic potential. A. I Prilepko Dokl. AN SSSR 139 no. 6 1308-1310 Ag '61

POTENTIOMETER
Potentiostat for electrochemical investigations [with summary in English] V S. Borovkov, S. B. Averbukh Zhur. fiz. khim. 35 no 8:1867-1869 Ag '61

POTENTIOMETRIC ANALYSIS
Electrochemical study of bentonite suspensions Part 6. Potentiometric titration of aminobentonite complexes [with summary in English]. I A. Uskov, I I Uskova Koll. zhur 23 no. 4:469-471 Jl-Ag '61
Improved equipment for the potentiometric determination of manganese content A. G. Tashenko, G. I Sivertsev Obog. i ud 4 no 1:30-33 '59
Iodatometric potentiometric determination of sulfide sulfur G D. Gal'perin, G P Girina, V G Luk'ianitsa. Metod. anal. org. soed nefti, ikh smesei i produktov no 1 58-71 '60

POTTERY, GREEK see subdivision under Cimmerian Bosporus (Kingdom)

POTTERY, PRIMITIVE see subdivision under Lvov Province; Olesk District; Ternopol' Province

POULTRY
Fedorovskii, N. P. [Recent developments in poultry breeding] Novoe v ptitsevodstve. Moskva, Izd-vo "Znanie," 1961. 38 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 5, Sel'skoe khoziaistvo, no. 14)
Palkin, G., ed. [Manual on private livestock and poultry raising] Spravochnik po individual'nomu zhivotnovodstvu i ptitsevodstvu. Moskva, Izd-vo VTsSPS Profizdat, 1960. 182 p. (V pomoshch' rabochim i sluzhashchim zanimaiushchimsia zhivotnovodstvom i ptitsevodstvom.) (DA)
Problems of exposing your poultry to ultraviolet radiation for brief periods. H. A. Kodynets', A. O. Sharyhin. Visnyk sil'hosp. nauky 3 no. 4:37-40 Ap '60.

POULTRY BREEDS
Barnecked hens. G. A. Kodynets'. Nauka i zhyttia 10 no. 3 36 Mr '60.

POULTRY HOUSES AND EQUIPMENT see subdivision under Astrakhan Province

POUSSIN, NICOLAS, 1594-1665
Exhibition of N Poussin's works. A. Zamiatina. Iskusstvo 24 no. 7 58-64 '61.
Poussin, Nicolas. [Nicolas Poussin] Nikola Pussen. Moskva, Gos. izd-vo izobraz. iskus., 1961. 17 p. illus.

POWDER METALLURGY
Effect of tantalum carbide on the composition and properties of the cobalt phase in titanium carbide-tungsten carbide-cobalt alloys R V Rybal'chenko, V I Tret'iakov, I N Chaporova Izv AN SSSR. Otd tekh nauk Met i topl no 4 83-89 Jl-Ag '61
Investigating the autoclave method of preparing rhenium from potassium perrhenate A N Zelikman, V F. Pridide. Izv. vys. ucheb. zav., tsvet. met. 4 no. 4 111-120 '61.
Investigation of certain hard alloys in the system boron - silicon - carbon G A Meerson and others Izv AN SSSR Otd tekh nauk Met i topl no 4 90-91 Jl-Ag '61
Relaxation phenomena during the hot pressing of molybdenum carbide M. S Kovalchenko, G. V. Samsonov Sb., met i metalloved. 12 no 1 145-148 Jl '61

POWDER METALLURGY—CONGRESSES
Second International Conference on Powder Metallurgy Vest elektroprom 32 no 9 79-80 S '61

POWDERS
New method of determining the apparent specific gravity of powdered substance V S Komarov Dokl AN SSSR 5 no 8,336-338 Ag '61

POWER (MECHANICS)
Energetics today and tomorrow. A. Drabkin. Znan. ta pratsia no. 8 12-14 Ag '61.

POWER ENGINEERING
(see also subdivision under Kazakhstan; Moscow)
[Fifty years of the Moscow Order of Lenin Power Engineering Institute] 50 let Moskovskogo ordena Lenina energeticheskogo Instituta iment V. M. Molotova. Moskva, Gos. energ. izd-vo, 1955. 302 p. [MICROFILM]
Fortitude, degrees, and a gantry crane. O Kuprin. Ogonek 39 no 24.20-22 Je '61.

POWER ENGINEERING—BIBLIOGRAPHY see Bibliography—Power engineering

POWER PLANTS
Combined steam-gas power plants for district heating operated on the cycle introduced by the Central Scientific Research Institute for Boilers and Turbines, and their technical and economic indices M I. Korneev Teploenergetika 8 no 9 10-14 S '61.
New system for the control of boiler-turbogenerator units. L. S. Bravin, A. G. Chachko. Teploenergetika 8 no. 9:28-33 S '61.

POWER PLANTS—DESIGN AND CONSTRUCTION
Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Technical specifications SN 153-61 for assembling steam-turbine plants, turbogenerators and turboblowers] Tekhnicheskie uslovila na montazh paroturbinnykh ustanovok, turbogeneratorov i turbovozdukhoduvok SN 153-61. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 51 p.

POWER PRESSES
(see also subdivision under Czechoslovakia, Voronezh)
Adjustment of low-flash forging on a 4000-ton, NKMZ crankshaft hot forging press B. S. Perevoschikov, S. S. Sannikov, A. I. Pasmanik. Kuz.-shtam proizv. 3 no 8:41-43 Ag '61.
Calculating friction press forces. V. S. Goffenshefer. Kuz.-shtam. proizv 3 no. 8:29-31 Ag '61.
Forging and pressing equipment A. A Bocherov Biul tekh.-ekon. inform. no. 8 28-30 '61.
Selecting the best rigidity for coining presses. V. IA. Kunakovskii, S. T. Baskakov Kuz.-shtam. proizv 3 no. 8:31-33 Ag '61.

POWER PRESSES—TESTING
Investigating the fatigue strength of large press parts on specimens with a large cross section. I. V Kudriavtsev Kuz.-shtam. proizv 3 no. 8:34-36 Ag '61.

POWER PRESSES—WELDING
Advantage of heat treating welded heavy press frames A. F. Silaev, N. A. Ignat'ev. Svar proizv. no 8 40-43 Ag '61

POWER RESOURCES
Chukhanov, Z. F. [Some problems of fuel and power] Nekotorye problemy topliva i energetiki. Moskva, Izd-vo Akad. nauk SSSR, 1961. 477 p.

POWER SHOVELS
Universal single-bucket construction shovel lines for 1961 to 1965 Stroi. i dor. mash 6 no 8 30-31 Ag '61.

POZHARSKII, S.
Originality in the format of a book. M. Sosedova. Iskusstvo 24 no. 7:42-44 '61.

POZNIAKOVSKAIA, NATALIIA NIKOLAEVNA, 1889-
Nataliia Nikolaevna Pozniakovskaia. N. A. Spasskaia Nauch.-metod zap Ural gos konser no. 3.67-78 '59

PRAGMATISM see subdivision under United States

PRAGUE—PEACE—CONGRESSES
All-Christian Congress in the Defense of Peace in Prague A V. Karev. Bratislava no. 3 1-5 '61.

PRAGUE—STREETS
Street construction in Prague. V. M. Gol'din. Gor. khoz. Mosk. 35 no 8:41-45 Ag '61.

PRECAST CONCRETE
(see also subdivision under Armenia, Irkutsk Province, Kuybyshev, Leningrad, Minsk; Moscow, Moscow Province, Volgograd)
Choosing automated manufacturing techniques for large structural articles O P Mchedlov-Petrosian and others Stroi. mat 7 no 8 16-18 Ag '61
Concerning "Instructions for designing elements made of autoclaved silicate concretes" Biul stroi tekh 18 no. 7 3-7 Jl '61
Factory-applied crushed-stone finish for prefabricated panels. S. Ananiev, A. Kilin. Stroi. i arkhit. Mosk. 9 [i.e.10] no. 8:33-34 Ag '61.
Reinforced concrete segmented trusses. Biul stroi tekh. 18 no 8:15-17 Ag '61.
Reinforced poles for overhead electric transmission lines. Biul. stroi. tekh. 18 no. 8 17-20 Ag '61
Wood-cement concrete P A Avrinskii Stroi truboprov. 6 no 7 31 Jl '61

PRECAST CONCRETE CONSTRUCTION
(see also subdivision under Bulgaria; Chelyabinsk; Georgia, Gorkiy; Italy; Kazakhstan, Kiev, Kuybyshev, Magnitogorsk, Minsk; Moscow; Tambov Province; Tashkent)
Arched buildings of rectolinear factory-made elements P Protsenko, I Litvinenko Sel'. stroi 16 no 7,11-15 Jl '61
Assembling houses by lifting entire stories G. Selestanov Stroi. i arkhit 9 no 8 22-24 Ag '61.
Balconies with side supporting braces Stroi. i arkhit. 9 no. 7:36 Jl '61
Construction of grain elevators made of precast and prestressed concrete. Z. S. Shukhman, I. S. Khoroshii, N. V. Sorokin Bet. i zhel.-bet no 8:349-353 Ag '61
Granary with a precast roof. A. I. Rabinovich, A. N. Prostoserdov. Bet i zhel.-bet no 8:345-348 Ag '61
In the Office of State Construction of the U. S. S. R. Biul. stroi. tekh. 18 no. 8:24-26 Ag '61
In the Office of State Construction of the U S S R Zhil stroi no. 8 16 Ag '61.
Let's disseminate the Leningrad method of prefabricated housing construction. Bet i zhel.-bet no 8:353-354 Ag '61.
Light and superlight articles based on perlite are introduced into mass construction P P.Budnikov and others Stroi mat 7 no 8:8-15 Ag '61
Made of precast elements. Sel'. stroi. 16 no 7:30 Jl '61.
Plan for building apartment houses out of up-to-date elements in 1962 and 1963. Gor. khoz. Mosk. 35 no 8:46 Ag '61.
"Poroizol" for sealing joints in precast houses. I Shikunov. Zhil stroi no 8 12-13 Ag '61.
Precast reinforced concrete granaries. S. M. Kuznetsov and others. Bet. i zhel.-bet. no 8,337-345 Ag '61
Precast reinforced concrete in the main structures of the Stalingrad Hydroelectric Power Station. IU. S. Abramov, I. I. Bitukov. Gidr. stroi. 31 no. 8,18-23 Ag '61.
Silicate concrete for building apartment houses A. Volonov. Stroi i arkhit Mosk 9[i e.10] no. 7. 17-19 Jl '61.
Using new techniques. L. London. Stroi. i arkhit. Mosk. 9 [i.e.10] no. 8:13-16 Ag '61.

PRECAST CONCRETE CONSTRUCTION—CONGRESSES
Conference on large-panel housing construction Stroi. i arkhit 9 no 8:34-35 Ag '61.
Conferences on large-panel housing construction Zhil stroi no 8 2 of cover, 3 of cover Ag '61.

PRECAST CONCRETE CONSTRUCTION—TECHNOLOGICAL INNOVATIONS
An effective technique. G. Lamochkin. Na stroi. Ros. no. 7:2 Jl '61.
Our contribution to technological progress A. Marchenko. Na stroi. Ros. no 7:3-4 Jl '61.
Three houses each month. I Shapovalov. Na stroi. Ros. no. 7:2 Jl '61.

PRECIOUS METALS—METALLOGRAPHY
Effect of the characteristics of crystal lattice distortions on the temperature dependence of the electric resistance of silver and gold. V. A. Pervakov, B. A. Merisov, B. I. Khotkevich. Fiz. met. i metalloved. 12 no. 1:38-41 Jl '61.

PRECIOUS METALS—METALLURGY
Extraction of gold, platinum and palladium by isoamyl alcohol. G. S. Lopatin, I. N. Plaksin. Izv. vys. ucheb. zav.; tsvet. met. 4 no. 4,87-90 '61.

PRECIPITATION (CHEMISTRY)
Coprecipitation of Tl^{I} with PdS. N A Rudnev, G. I. Malofeeva. Zhur. neorg khim. 6 no 8,1885-1890 Ag '61.

PRECIPITATION (METEOROLOGY)
(see also subdivision under Adygine Valley, Baltic Sea region, Estonia, Valdai Hills)
Distribution of summer precipitation over small areas Z M Makhover Sbor rab Kursk gidromet obser no 1 66-74 '60
The technique of calculating the duration of precipitation A N Lebedev, L. V Saltykova Trudy GGO no 122 48-60 '61

PRECIPITATION (METEOROLOGY)—MEASUREMENT
Comparing the amounts of precipitation measured with the precipitation gauge and by the method of snow gauging surveys TS. A Shver Trudy GGO no 122 61-67 '61
Use of observational data obtained with precipitation gauges S N. Bogolubov Sbor rab Kursk gidromet obser no 1 60-65 '60

PREGNADIL NETRIONE
Use of prednisone in the compound treatment of pneumonia in infants [with summary in English] I A Timofeevskaia Vop okh mat i det 6 no 7 12-14 Jl '61
Use of prednisone in the compound treatment of toxic forms of pneumonia in infants [with summary in English] T I Mariupol'skaia, N. O Stol'skaia Vop okh. mat i det 6 no 7:14-18 Jl '61

PREGNANCY
Effect of ultrahigh impulse electromagnetic fields on the onset and course of pregnancy in white mice [with summary in English] V A Povzhitkov, N V Tiagin, A M Grebeshechnikova Biul eksp biol i med 51 no 5 103-107 My '61
Indices of carbohydrate and phosphorus metabolism in the blood of pregnant animals A. A Turevskii Vestn sel'khoz nauky 3 no. 4 85-87 Ap '60.

PREGNANCY, EXTRAUTERINE
Apoplexy of the ovary in uterine and extrauterine pregnancy [with summary in English] A A. Verbenko Vop okh mat i det 6 no. 7 70-73 Jl '61

PREGNANCY, PROTRACTED
Clinical aspects and outcome of labor in prolonged pregnancy [with summary in English] A S Devi'orova Vop okh mat i det 6 no 7 73-76 Jl '61

PRESCHOOL EDUCATION see Education, Preschool

PRESNOVKA—MARKETS
Pre holiday market in Presnovka F. Faizullin Koop Kazakh 4 no 5/6 10 My-Je '61

PRESS
[Command of the times; active participation on the part of the public in activities of the Soviet press and radio] Velenie vremeni; obshchestvennoe nachalo v rabote sovetskoi pechati i radio. Moskva, Izd-vo "Pravda," 1961. 206 p.

PRESSURE
Prospects for the application of high pressure in the chemical industry M. G. Gonikberg. Khim prom no. 8 515-549 Ag '61

PRESSURE GAUGES
Use of a two-channel capacitance-type pressure indicator for studying an ejector with pulsating gas flow E M Belov, A.V. Zhiobtsch Izv vys. ucheb. zav., energ 4 no 8 70-76 Ag '61

PRESSURE VESSELS
Preventing breakdowns of the high pressure boiler units. I. A. Molchanov. Bezop. truda v prom 5 no 8:7-10 Ag '61

PRESTRESSED CONCRETE
Calculating deformations of prestressed concrete beams of varying height with two sloping surfaces. G. I Berdichevskii. Bet i zhel.-bet no. 8:376-381 Ag '61
Developing the thermal method in prestressing reinforced concrete. I Ratts Stroi. i arkhit. Mosk 9[i. e 10] no 7.2-6 Jl '61
Large-span trusses with strand reinforcement. A. Trebesov. Na stroi Ros. no. 7 13-14 Jl '61
Package method of manufacturing reinforced concrete beams. M. Korchemskii Stroi i arkhit 9 no. 7 17-18 Jl '61.
Prestressed channel slabs for roofs V. Buznitskii. Stroi. i arkhit. 9 no. 8 21-22 Ag '61
Prestressed concrete beams for bridge crane supports. Biul stroi. tekh. 18 no. 7 35-37 Jl '61
Prestressed concrete beams with two sloping surfaces. Biul stroi. tekh. 18 no. 7,28-31 Jl '61
Prestressed triangular trusses. Biul stroi. tekh. 18 no. 7:34-35 Jl '61
Prestressed truss 39 m. long. V. Komlev, IU. Sukharev. Na stroi Ros no. 7:9 Jl '61
Shortened prestressed concrete beams with two sloping surfaces. Biul. stroi. tekh. 18 no. 8:21 Ag '61

PRESTRESSED CONCRETE CONSTRUCTION
Construction of grain elevators made of precast and prestressed concrete. Z. S. Shukhman, I. S. Khoroshii, N. V. Sorokin. Bet. i zhel.-bet. no. 8:349-353 Ag '61
Invention which supports a tower. P Makhinia Izobr i rats no 9 18-19 S '61

PRETZELS

Investigating some processes of the steam treatment of pretzels in a conveyer A. T. Lisovenko Izv vys ucheb zav., pishch tekh no 1 106-111 '61

PREVENTION OF CRIME see Crime prevention

PRICES see subdivision under Kazakhstan

PRIGOROD DISTRICT—POTATOES

Sorokin, I. A. [Raising potatoes with high yields, the Stalin Collective Farm in Prigorod District] Opyt vyrashchivaniia vysokikh urozhaev kartofelia, kolkhoz imeni Stalina, Prigorodnogo raiona. Ordzhonikidze, Severo-Osetinskoe knizhnoe izd-vo, 1960. 11 p. (DA)

PRIKHOD'KO, PETR TROFIMOVICH, 1901-

Petr Trofimovich Prikhod'ko. N. G. Dubinin. Izv. Sib. otd. AN SSSR no. 6:137 '61

PRIME NUMBERS see Numbers, Prime

PRIMERS, CHINESE

Kovtun, N. A., and Liu Feng-lan. [Textbook of the Chinese language for the second grade of the elementary school] Uchebnik kitaiskogo iazyka dlia II klassa nachal'noi shkoly. Pod red. B. S. Isaenko i Liu TSiuan'-Li Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 62 p.

PRIMITIVE FORTIFICATIONS see also subdivision 'Fortifications, Primitive' under Staraya Ladoga

PRINTERS' ROLLERS see Rollers (Printing)

PRINTING

(see also subdivision under Great Britain)

Adhesive material made of industrial wastes V. K. Kharin Poligr. proizv. no. 8:20 Ag '61

Improve the quality of products I. S. Grushko. Poligr. proizv. no. 8 4-5 Ag '61

PRINTING—EXHIBITIONS

Awards from the Exhibition of the Achievements of the National Economy. V. F. Grinenko Poligr. proizv. no. 8 8-9 Ag '61

PRINTING—HISTORY see subdivision under Ukraine

PRINTING—PERIODICALS

Recent issue of the bulletin "Poligrafist." Prom. Arm. 4 no. 5:63 My '61

PRINTING—STUDY AND TEACHING

Bring some order to the printing of textbooks. V. G. Tkachenko. Poligr. proizv. no. 7 30-31 Jl '61

PRINTING—TECHNOLOGICAL INNOVATIONS

(see also subdivision under Moscow)

New development in foreign printing. Poligr. proizv. no. 8 30-32 Ag '61

New developments in foreign printing. Poligr. proizv. no. 6:28-31 Je '61.

Problem of efficient introduction of new techniques. V. Bogomolova, V. Gashunin, E. Nikol'skaia Poligr. proizv. no. 7 7-8 Jl '61.

Results of the competition for overall mechanization and automation. P. P. Okol'nishnikov. Poligr. proizv. no. 6:16-17 Je '61.

PRINTING INDUSTRY

(see also subdivision under Armenia, Kuybyshev; Podol'sk)

Burning questions G. T. Minchukov Poligr. proizv. no. 8 3 Ag '61

[illegible]anning is an important condition for [illegible] of production. [illegible]A. M. Serebrianii [illegible]'61.

[illegible]ing. Poligr. proizv.

[illegible]ices for printing products V. V. Gulia-[illegible]Anovskii, M. I. Bardenshtein Poligr. proizv. no. 8 3-4 Ag '61

Planning methodology. V. A. Markus. Poligr. proizv. no. 6:8-11 Je '61.

Printing industry needs a reliable supply system. A. I. Ermolaev. Poligr. proizv. no. 7:9-10 Jl '61.

Problems of economics, planning, and accounting in the printing industry. M. I. Bardenshtein and others. Poligr. proizv. no. 7:4-6 Jl '61.

Problems which demand immediate solution. V. F. Kuzin. Poligr. proizv. no. 6:15 Je '61.

Raise planning methods to the level of modern problems Poligr. proizv. no. 8:1-2 Ag '61.

Some planning problems. T. E. Taigel'man. Poligr. proizv. no. 6:8-9 Je '61.

Tasks of scientific and technology. M. V. Pashkov. Poligr. proizv. no. 6:7-8 Je '61.

They write to us. Poligr. proizv. no. 7:11-13 Jl '61.

They write to us. Poligr. proizv. no. 8:9-11 Ag '61

Twenty-second Congress of the CPSU deserves a worthy greeting. Poligr. proizv. no. 7:1-2 Jl '61.

Wholesale prices. V. V. Dinkevich. Poligr. proizv. no. 6:13-14 Je '61.

Wholesale prices for printed matter. F. S. Savitskii. Poligr. proizv. no. 6:11-13 Je '61.

PRINTING INDUSTRY—ACCOUNTING

Evaluation and accounts involving gross value and physical volume of production. M. G. Mitel'man Poligr. proizv. no. 7:6-7 Jl '61

PRINTING INDUSTRY—BIBLIOGRAPHY see Bibliography—Printing industry

PRINTING INK

Changes in the mechanical properties of printing inks taking place in the process of aging [with summary in English]. B. N. Shakhkel'dian, L. F. Kaliavina, A. A. Shnegub-Lavrenko Koll. zhur. 23 no. 4:491-494 Jl-Ag '61

Technology of the manufacture of colored printing inks from aqueous pigment pastes T. N. Malova Zbor. nauch. rab. VNIIPPiT no. 9 118-132 '58

PRINTING MACHINERY AND SUPPLIES

(see also subdivision under Moscow; Sverdlovsk Province)

After a magazine appears. S. A. Donskii Poligr. proizv. no. 7 10 Jl '61.

Extensible step for a printing machine. I. IA. Budinskii Poligr. proizv. no. 7 22 Jl '61.

Key for extracting the stopper from printing paper rolls. M. I. Pelevina. Poligr. proizv. no. 6:25 Je '61.

Procedure for ordering supplies of printing equipment. A. S. Dribinskii. Poligr. proizv. no. 6:27-28 Je '61.

Role of the packing and the process of making ready. K. V. Tir. Poligr. proizv. no. 7 13-14 Jl '61.

PRINTING MACHINERY AND SUPPLIES—MAINTENANCE AND REPAIR see subdivision under Leningrad Province

PRINTING MACHINERY AND SUPPLIES—SAFETY APPLIANCES see subdivision under Leningrad

PRINTING PLANTS see subdivision under Mytishchi

PRINTING PLANTS—AIR CONDITIONING

Automatic regulation of the humidity of the air. I. I. Novikov, R. V. Ostrovskii Poligr. proizv. no. 7:20-21 Jl '61

PRINTING PLANTS—LIGHTING

Fluorescent lighting with relay control. IA. B. Golkhman. Poligr. proizv. no. 7 21 Jl '61

PRINTING PLATES

Device for stamping plates. A. N. Koshelev. Poligr. proizv. no. 6 25 Je '61.

Printing plates made of zinc and magnesium alloys V. D. Glushko, V. M. Tremut Poligr. proizv. no. 8 16-17 Ag '61

RTO machine for etching magnesium printing plates in one process. A. M. Bogoslovskii. Poligr. proizv. no. 7 16-17 Jl '61.

Radioactive method of determining the amount of color on the impression. V. P. Mel'nikov. Poligr. proizv. no. 7,14-16 Jl '61.

PRISONS

Public prosecutor's contacts with control committees N. Beliakin. Sots. zakon. 38 no. 9 69-70 S '61

PRIZE-FIGHTING see Boxing

PRIZE MONEY

Prizes for outstanding groups of petroleum workers. Neftianik 6 no. 4 22 Ap '61.

PROBABILITIES

Probability of false warnings and probability of correct detection. V. K. Turkin, V. N. Kiselev Izv. vys. ucheb. zav., radiotekh. 3 no. 6,667-661 N-D '60.

Recurrent formulae in calculating the distribution moments of transition probabilities. O. I. Sil'd Opt. i spektr. 11 no. 2:141-145 Ag '61

Reliability of a system with available reserves [with summary in English] T. P. Martianovych Dop. AN URSR no. 7 850-853 '61

Sveshnikov, A. A. [Applied methods of the theory of random functions] Prikladnye metody teorii sluchainykh funktsii, Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 251 p.

PROBLEM OF THREE BODIES

Almost periodic solutions and the divergence of Lindstedt series in the restricted plane problem of three bodies [with summary in French]. G. A. Merman. Trudy ITA no. 8:5-134 '61.

PROBLEM OF TWO BODIES

Theory of perturbed motion [with summary in English]. V. M. Alekseev. Astron. zhur. 38 no. 4 726-737 Jl-Ag '61.

PROCAINE AMIDE

Results of treating of individual disorders in cardiac rhythm with quinidine, quinine bromide and novocainamide. I. M. Arrigoni. Klin. med. no. 7:91-95 '61.

PROCESSES, IRREVERSIBLE see Irreversible processes

PRODUCE TRADE

(see also subdivision under Kazakhstan; Ural'sk)

Contracts covering agreement to deliver farm produce N. Nikolaev Sots. zakon. 38 no. 9 42-45 S '61

State deliveries and consolidation of collective and state farm finances S. Nedelin Fin. SSSR 22 no. 8 17-25 Ag '61

When the party said it was necessary the cooperative societies answered, it has already been done. Koop. Kazakh. 1 no. 4 17-26 Ap '61

PRODUCTION CONTROL

Quality, dependability, and durability. N. Orlov, S. Starostin. Kommunist 38 no. 15,73-80 O '61

PRODUCTION-LINE METHODS see Assembly-line methods

PRODUCTION STANDARDS

Let's turn out only good quality merchandise V. Bel'chuk. Sov. torg. 34 no. 8,29-31 Ag '61

Regulating wages and establishing work norms. L. Pogrebnoi Sov. profsoiuzy no. 17:24-26 S '61.

Review of letters and correspondence on the problems of establishing work norms Sots. trud 6 no. 8:89-93 Ag '61

To the economic councils, ministries and governmental agencies of the U. S. S. R. and to the executive committees of provinces and territories. Biul. Gos. kom. po vop. truda i zar. platy no. 6:14-16 '61.

PRODUCTION STANDARDS—RESEARCH see subdivision under Rostov Province

PROFESSIONAL EDUCATION

Komarov, L. A. [Planning the training and distribution of specialists in the U. S. S. R.] Planirovanie podgotovki i raspredeleniia spetsialistov v SSSR. Moskva, Izd-vo ekon. lit-ry, 1961. 104 p.

PROFIT

The economic nature of profit and the turnover tax. M. P. Karpov. Nauch. zap. Kiev. fin.-ekon. inst. no. 8, 127-142 '59.

Problems in profitable production and the distribution of profit of industrial enterprises. A. Aleksandrov. Vop. ekon. no. 9:156-159 S '61.

PROFITEERING

Trofim Tkachenko and others. IA. Dymskoi. Ogonek 39 no. 26:31 Je '61.

PROGRAMMING (ELECTRONIC COMPUTERS)

Communication with the algorithmic language Algol-60 [translated from the English] J. W. Backus and others. Zhur. vych. mat. i mat. fiz. 1 no. 2:308-342 Mr-Ap '61.

Ershov, A. P., G. I. Kozhukhin, and IU. M. Voloshin. [Input language for an automatic programming system, preliminary information] Vkhodnoi iazyk sistemy avtomaticheskogo programmirovaniia; predvaritel'noe soobshchenie. Moskva, Vychislitel'nyi tsentr AN SSSR, 1961. 173 p.

Golubkov, IU. A., L. N. Korolev, and A. V. Lebedev. [Concerning the choice of a programming system for a computing and logic machine with a floating point] O vybore sistemy komand dlia trekhadresnoi vychislitel'noi i logicheskoi mashiny s plavaiushchei zapiatoi. Moskva, In-t tochnoi mekhaniki i vychislitel'noi tekhniki Akad. nauk SSSR, 1961. 40 p. (Elektronnye vychislitel'nye mashiny)

Information on standardized subprograms for the solution of algebraic problems worked out by the Computer Center of the Moscow State University V. V. Voevodin Zhur. vych. mat. i mat. fiz. 1 no. 1:180-181 Ja-F '61.

Intended alterations in the language Algol-60. E. Z. Liubimskii. Zhur. vych. mat. i mat. fiz. 1 no. 2:381-384 Mr-Ap '61.

Magarik, V. A. [Standard programs for the BESM-2 digital computer of the Computer Center of the Academy of Sciences of the U. S. S. R.] Standartnye programmy BESM-2 Vychislitel'nogo tsentra AN SSSR. Moskva, Vychislitel'nyi tsentra AN SSSR. No. 2, 1960. 33 p.

Magarik, V. A., and N. M. Nagornyi. [Programming system of the universal BESM-2 digital computer of the Computer Center of the Academy of Sciences of the U. S. S. R.] Sistema komand universal'noi tsifrovoi avtomaticheskoi mashiny BESM-2 Vychislitel'nogo tsentra AN SSSR. Izd. 2., perer. Moskva, Vychislitel'nyi tsentr AN SSSR, 1961. 88 p.

Method of programming engineering calculations. P. M. Sosis Issl. po teor. sooruzh. no. 10:278-286 '61.

Principles of constructing self-instruction systems. A. A. Stognii. Zhur. vych. mat. i mat. fiz. 1 no. 4:749-750 Jl-Ag '61.

Programming program of the compiler type. O. K. Daugavet, E. F. Ozerova. Zhur. vych. mat. i mat. fiz. 1 no. 4:747-748 Jl-Ag '61.

PROGRESS

Communism and social progress [with summary in English, p. 184]. Vop. filos. 15 no. 9:3-14 '61

PROJECT METHOD IN TEACHING

Honorable tasks of the Communist Youth League of institutions of higher learning. S P Pavlov Vest vys. shkoly 19 no 8,52-54 Ag '61

Survey of editor's mail on the practical graduation projects. Sred spets obr 8 no. 8,14-16 Ag '61

PROPANE

Developing the technology of catalytic dehydrogenation of isobutane into isobutylene in the fluidized bed of a pulverized catalyst. V S. Aliev, A. F Azizov Azerb khim. zhur no 3 77-87 '60.

Effect of the principal parameters of the "fluidized" bed process on the effectiveness of isobutane dehydrogenation V. S. Aliev, A. F. Azizov. Azerb khim zhur no. 4 27-34 '60.

PROPANE—THERMAL PROPERTIES

Isotherms and heats of adsorption of propane and propylene on graphitized carbon black. Energy of the adsorption forces [with summary in English] A. G. Bezus, V. P Dreving, A V. Kiselev Koll. zhur 23 no 4 390-398 Jl-Ag '61.

PROPANEDIOL

Synthesis of polyalkylene glycol ethers. A. V. Topchiev, M G. Rudenko, D. S. Sokolov khim. i tekh topl i masel 5 no. 8-24-28 Ag '61.

PROPELLERS

Comparison of diagrams for marine gas turbine plants and controlled pitch propellers. S. B. Aksel'rod. Trudy TSNIIMF 7 no 34 124-131 '61.

Experimental investigation of the work of a water-jet propeller I M Chernyi, L. B. IAnkovs'kyi Visti Inst gidrol i gidr. AN URSR 17 59-65 '60.

PROPENE

Alkylation of benzene with allyl bromide in the presence of sulfuric acid. IU G Mamedaliev, R. A Babakhanov, A R Museeva. Azerb khim. zhur. no. 2;3-8 '61.

Dehydrogenation of a vat residue after the removal of cumene by distillation from a catalizate obtained in the alkylation of benzene with propylene in the presence of aluminum. D. A Akhmedzade, V. D. IAsnopol'skii, S I Avetisian. Azerb. khim zhur. no. 1:55-64 '61.

Developing the technology of catalytic dehydrogenation of isobutane into isobutylene in the fluidized bed of a pulverized catalyst. V. S. Aliev, A. F. Azizov Azerb khim. zhur. no 3,77-87 '60.

Electric shovel for cutting polyisobutylene. V. P'iankov Neftianik 6 no 4 20 Ap '61

Oxidation of isobutylene in methylacrolein on copper catalysts. N. I. Popova, F. A. Mil'man, L. E. Latysheva Izv Sib. otd. AN SSSR no. 7:77-82 '61.

Production of hexadienes based on propylene. Azerb. khim. zhur. no 4:3-9 '60.

Study of catalytic oxidation of propylene. Report No. 6: Interrelation of voluminal and surface factors in the oxidation of propylene into acrolein. N. I. Popova, R. N. Stukova, V. P. Latyshev. Izv. Sib. otd. AN SSSR no. 8;78-82 '61.

Synthesis of cymenes by the alkylation of toluene with propylene over aluminosilicates. IU. G. Mamedaliev and others. Azerb. khim. zhur. no 1;39-51 '61.

PROPENE—THERMAL PROPERTIES

Isotherms and heats of adsorption of propane and propylene on graphitized carbon black. Energy of the adsorption forces [with summary in English] A. G. Bezus V. P. Dreving, A. V. Kiselev. Koll. zhur. 23 no 4;389-398 Jl-Ag '61.

PROPENONE

Structure of diphenylcyclopropenone and tropone salts. B E. Zaitsev and others Dokl AN SSSR 139 no 5 1107-1109 Ag '61.

PROPERDIN

One of the factors in natural body resistance. A. A. Sinitskii, A M IAkovlev. Voen.-med zhur. no. 6;43-47 Je '61.

PROPERTY

Socialist accumulation on collective farms and merging collective farm and communal properties. N. I. Gushchin. Trudy SIMSKII no. 23;62-79 '60.

PROKOKOV, BORIS IVANOVICH, 1911-

Soldier of the peace army. R. Krlukov. Iskusstvo 24 no. 7;28-33 '61.

PROSPECTING

Attacking the earth. D. I. Shcherbakov. Ogonek 39 no. 39;24 S '61.

Economic efficiency of capital investments in prospecting for mineral deposits. R. Z. Kosukhkin. Izv. vys. ucheb. zav. ;tsvet. met. 4 no. 4;156-160 '61.

Kievskii geologorazvedochnyi tekhnikum. [Radio, physical, and chemical prospecting methods for ore deposits] Radiometriia i fiziko-khimicheskie metody razvedki poleznykh iskopaemykh; programma, metodicheskie ukazaniia i kontrol'nye zadaniia dlia uchashchikhsia geofizicheskoi spetsial'nosti zaochnykh otdelenii geologorazvedochnykh tekhnikumov. Kiev, Glav. upr. geol. i okhrany nedr pri Sovete Ministrov USSR, 1960. 174 p.

[MICROFILM]

Kreiter, V. M. [Prospecting for mineral deposits] Poiski i razvedka mestorozhdenii poleznykh iskopaemykh. Izd. 2., polnost'iu perer. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr. Pt. 2. 1961. 389 p.

PROSPECTING—GEOPHYSICAL METHODS

IUn'kov, A. A., N. L. Afanas'ev, and N. A. Fedorova. [Interpretation of Vxz and H anomalies over contacts and faults] Interpretatsiia anomalii Vxz i H nad kontaktami i sbrosami. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1961. 25 p.
——— ——— [Atlas of Vxz grids for 15° α 90°]
Atlas paletok Vxz dlia 10° α 90°.

Using geophysical investigation methods in studying tectonic structures. A. A. Borisov, IU. A. Kosygin. Metod. izuch. tekt. struk. no. 2;142-219 '61.

PROSTHESIS

(see also subdivision under Siberia)

Hydraulic, pneumatic, and electrical devices in prostheses of the upper extremities (Review of foreign literature and patents). V M Sheinfinkel' Ortop travm i protez no 5;65-69 '61

Orthopedic treatment and prosthesis in late sequelae of injuries to the sciatic nerve or its branches. N A TSitkunova Ortop., travm i protez no 5 33-38 '61

Problem of biomechanical asymmetry with reference to the application of prosthesis. I Sh. Moreinis Ortop., travm. i protez. no. 5;3-6 '61.

Problems in the preparation for prosthesis of patients with sequelae of spine and spinal cord injuries V G Sanin. Ortop, travm. i protez no 5;28-33 '61.

Prosthesis for children with Little's disease. E M Grigor'eva Ortop., travm i protez no 5;30-14 '61

Work of the prosthesis shop at the sanatorium for children with poliomyelitis N A Shenk. Ortop, travm i protez. no. 5;45-46 '61.

PROTECTION OF PLANTS see Plants, Protection of

PROTECTIVE ATMOSPHERES

Actual heat output during the arc welding of copper in a protective atmosphere. L. E. Fedotov, V. V. Vorob'ev. Svar. proizv. no. 9,11-12 S '61.

Effect of the composition of argon and the 18-8 type wire on weld metal properties. A. I Akulov, V. V. Spitsyn. [Trudy] MVTU no 101;230-240 '61.

Terminology used in the gas-arc cutting process K. V. Vasil'ev Avtom svar 14 no 9;47-50 S '61.

PROTECTIVE CLOTHING see Clothing, Protective

PROTECTIVE COATINGS

Dependence of the microhardness of wear-resistant coatings on the temperature. M G. Lozinskii, G. G Zusmanovich, V S. Mirotvorskii. Metalloved i term. obr. met. no. 8;37-39 Ag '61.

Effect of sulfurization on the wear of metals. A. N. Tymyi. Metalloved. i term. obr met. no 8;15-18 Ag '61

"Instructions on designing anticorrosive protection for exhaust pipes in enterprises with corrosive atmospheres." Biul. stroi. tekh. 18 no. 7;9-10 Jl '61.

New enterprises for the manufacture of insulating materials. A. I Fomin. Stroi truboprov. 6 no. 7;4-5 Jl '61.

Protection of underground pipelines by means of plastic strips. V. F. Negreev, G. A. Allakhverdiev, M. S. Trifel'. Azerb. khim. zhur. no. 4;83-88 '60.

Sulfurization in tanks without use of cyanide salts. A. T. Kalinin, M. IA Ivantuk, S. A. Ovanesian. Metalloved. i term. obr met. no. 8;56-58 Ag '61

PROTECTIVE COATINGS—PATENTS

Foreign patents. Metalloved. i term. obr. met. no. 8;62-64 Ag '61

PROTECTIVE COATINGS—TESTING

Using X-ray diffraction and electron diffraction examination in investigating wear-resistant coatings. IU. M. Vinogradov, V. D. Zelenova, K. V. Shishokina. Trudy NIIKHIMMASH no. 27;168-175 '59

PROTEIN METABOLISM

Role of the pancreas in changes observable in some components of protein metabolism and morphological composition of the blood G. F. Miliushkevich, I M Dzhakson. Fiziol. zhur. 47 no. 8;983-989 Ag '61

PROTEINS

Amino acids of protein fractions recovered from the kernels of sunflower seeds A. F. Khokhlenko. Izv vys. ucheb. zav. ; pishch. tekh. no. 3,31-36 '60.

Electrophoresis of milk proteins [with summaries in English, German, and French]. IU. I. Paetskaia. Vest. sel'khoz. nauki 5 no. 8;69-74 Ag '61.

Kocheikov, N. K., I. V. Torgov, and M. M. Botvinik. [Chemistry of natural compounds; carbohydrates, nucleotides, steroids, proteins] Khimiia prirodnykh soedinenii; uglevody, nukleotidy, steroidy, belki. Moskva, Izd-vo Akad. nauk SSSR, 1961. 558 p.

Protein synthesis. E. D. Kaverzneva. Priroda 50 no. 9;41-47 S '61.

PROTEINS—THERAPEUTIC USE

Andreev, A. L., ed. [Chemical and morphological bases of biogenic treatment for nervous and mental diseases] Khimiko-morfologicheskie osnovy biogennoi terapii nervno-psikhicheskikh zabolevanii. Moskva, Mosk. nauchn. ob-vo nevropatologov i psikhiatrov.
Vol. 1. 1961. 183 p.
(DNLM)

PROTONS

Chemical state of radiophosphorus in KCl crystals irradiated by high energy protons A. N Murin, S N. Banasevich, R V Bogdanov. Izv AN SSSR, Otd khim nauk no 8 1433-1437 Ag '61.

Effect of the refraction of an antiproton beam on the absorption cross section in nuclei IU D. Fivelskii Izv. vys. uchab zav., fiz no 3,76-79 '61

Emission of low energy γ-quanta by electrons scattered on protons [with summary in English] S. M Bilen'kii, R. M. Ryndin. Zhur eksp i teor. fiz 40 no 3;819-825 Mr '61

Flight time factor for a proton linear accelerator V. S. Kladnitskii. Zhur. tekh fiz 30 no 2 176-185 F '60.

Phototransfer of protons in acridine derivatives at low temperatures, as observed in luminescence spectra. A V. Shablia, A. N. Terenin. Opt i spektr. 10 no 5, 617-620 My '61.

Role of recurrent processes in the generation of protons in ion sources M. D. Gabovich. Zhur. tekh. fiz 30 no 3-354-358 Mr '60.

Study by the photographic emulsion method of the interaction between 8.7 Bev protons and quasi-free nucleons [with summary in English] K I Alekseeva and others Zhur eksp. i teor. fiz 10 no 6;1625-1637 Je '61

Suppression of two-meson annihilation in antiproton - proton interaction [with summary in English]. E. O. Okonov. Zhur. eksp i teor fiz. 40 no. 6;1728-1731 Je '61

PROTONS—SCATTERING

Elastic scattering of 3.7 Bev. protons on photographic emulsion nuclei [with summary in English]. V. P. Bannik, V G Grishin, L V Sil'vestrov. Zhur eksp. i teor fiz 40 no 6;1653-1657 Je '61

Scattering of protons by tin isotopes M. V. Pasichnyk and others Ukr. fiz. zhur. 6 no 3,125-126 My-Je '61.

PROTOPLASM

Changes in the scattering degree of colloidal protoplasmic particles of nerve cells due to the effect of quinine sulfate, egg albumin, and ethyl urethan solutions. S. V. Levin. TSitologiia 3 no. 4,400-417 Jl-Ag '61.

PROTOZOA

Interrelationships of soil protozoans with the rhizosphere of some farm crops [with summary in English]. IU. G. Gol'tser Zool. zhur. 40 no 9;1304-1313 S '61

PROVERBS

Vvedenskaia, L. A. [Proverbs and sayings in articles of Soviet writers] Poslovitsy i pogovorki v publitsistike sovetskikh pisatelei. [Rostov-na-Donu] Izd-vo Rostovskogo univ., 1960. 32 p.

PROVERBS, KAZAKH

Characteristics of the language of proverbs and sayings [in Kazakh with summary in Russian]. R Sarsenbaev. Izv. AN Kazakh. SSR Ser. filol. i istk no. 2 11-19 '61.

PROVERBS, MORDVINIAN

Thematic classification of proverbs and other sayings of the Mordvinian people K T. Samorodov Zap Nauch. -issl. inst. iaz., lit., ist i ekon no. 18 90-113 '58.

PRURITUS

Aminov, A. M. [Anal fissures. Coccygeal pain, Proctalgia, Pruritus ani] Treshchiny zadnego prokhoda. Kopchikovaia bol', Proktalgiia, Zud zadnego prokhoda. Kuibyshev, 1959. 111 p.
(DNLM)

PSATHYROSTACHYS see subdivision under Darvaza Range

PSKOV PROVINCE—EDUCATION, PRESCHOOL

Example for many. L. I. Muzhelevskaia. Doshk. vosp. 34 no 9;76 S '61.

PSKOV PROVINCE—PERCH

Actual numbers of perch and its mass in small lakes; results of total extermination of fishes by chemical methods. E. V. Burmakin. Trudy sov. ikht. kom. no. 13, 235-237 '61.

PSORIASIS

Influence of ultraviolet rays on the skin in patients with psoriasis. G. N. Burykina. Trudy LSGMI 52;81-86 '60.

PSYCHOLOGICAL RESEARCH

Dynamics and functions of internal language (hidden articulation) in the process of thinking. A. N. Sokolov. Izv. APN no. 113;140-182 '60.

PSYCHOLOGY

Soveshchanie po psikhologii, 1955. [Reports of the Conference on Psychology] Tezisy dokladov. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1955. 182 p.

PSYCHOLOGY, FORENSIC—STUDY AND TEACHING

More about a very important suggestion. P Bondarenko, V.Stremovskii, Sov.just. no.17 26-27 S '61.

PSYCHOLOGY, MILITARY

Psychological foundations of the education and training of Soviet soldiers. G Lukov Komm. Vooruzh Sil 1 no.6 55-61 D '60.

Psychological principles in training the moral characteristics of the Soviet soldier Part 3 K K Platonov Vest protivovozd obor no 9 69-71 S '61

Psychology of fearlessness. Part 3. K.K. Platonov. Vest protivovozd. obor no 8 74-77 Ag '61

Subject of psychology and its tasks. Part 1. K.K. Platonov. Vest.protivovozd.obor. no.6 73-75 Je '61.

PSYCHOLOGY, PHYSIOLOGICAL

Speed of regaining total visual sensitivity after the "lighting" eyes as the index of the mobility of nervous processes. L A. Shvarts Dokl APN no 1:105-107 '61.

PSYCHONEUROSES see Neuroses

PTERIDOSPERMAE see subdivision under Fergana

PTERINS

Chromatographic and electrophoretic study of the formation reaction of folic acid and some simple pterins. V M Berezovskii, A M Turkevich, I K Krovosheina Zhur. ob khim 31 no. 8 2782-2786 Ag '61

PUBLIC BUILDINGS

Unified series of standard plans for public buildings I. Kastel' Na stroi Ros no 7 33-35 Jl '61

PUBLIC HEALTH

Batkis, G.A., and L.G. Lekarev. [Theory and organization of the Soviet public health system] Teoriia i organizatsiia sovetskogo zdravookhraneniia. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 319 p.

Moscow. Poliklinika im. F.E.Dzerzhinskogo. [Collection of works on research and practice of the F.E.Dzerzhinskii Polyclinic] Sbornik nauchno-prakticheskikh rabot. Moskva, Medgiz.
No. 2. 1961. 230 p.
(DNLM)

Rozenfel'd, I. I. [Principles and methods in the planning of the public health system] Osnovy i metodika planirovaniia zdravookhraneniia. Moskva, Gos. izd-vo med lit-ry Medgiz. (Biblioteka vracha-organizatora)
Pt. 3. [Planning to meet the needs of the public health system for medical personnel] Planirovanie potrebnosti zdravookhraneniia vo vrachebnykh kadrakh. 1961. 202 p.
(DNLM)

PUBLIC HEALTH, RURAL

Morozov, N. N., ed. [Rural medical care] Meditsinskoe obsluzhivanie sel'skogo naseleniia. Moskva, Medgiz, 1960. 96 p. (Peredovoi opyt organizatsii zdravookhraneniia)
(DNLM)

PUBLIC PROSECUTORS

How the public prosecutors of the U. S. S. R. supervise observance of laws Sots. zakon. 38 no 9 65-88 S '61

When a worker enters a public prosecutor's waiting room Sots zakon 38 no 9 10 S '61.

PUBLISHERS AND PUBLISHING

Editing the textbooks for secondary schools. V. A Istrin, A. G Shitsgal Zbor nauch rab VNIIPPiT no 9:133-172 '58

Sytin, I.D. [A life for books] Zhizn' dlia knigi. Moskva, Gos. izd-vo polit. lit-ry, 1960. 276 p.

PUGACHEV REBELLION

Mavrodin, V. V. [The peasant war in Russia in 1773-1775, the Pugachev Rebellion] Krest'ianskaia voina v Rossii v 1773-1775 godakh, vostanie Pugacheva. [Leningrad] Izd-vo Leningr. univ.
Vol. 1. 1961. 586 p.

Pugachev's passport. R.Ovchinnikov. Ogonek 39 no.35 28-29 Ag '61.

PULMONARY ARTERY

"Vascular bed of the pulmonary artery in congenital heart defects" [in German] by K. Kohn, M Richter. Reviewed by N V. Arkhangel'skaia. Arkh. pat 21 no 9:75-77 '59.

PULSE TECHNIQUES (ELECTRONICS)

Apparatus for registering and diagnosing disorders of the rhythmic function of the heart [with summary in English]. M. L. TSetlin and others. Izv. vys. ucheb. zav., radiofiz. 4 no.1:165-172 '61

Calculation of the frequency characteristics of pulse communication channels based on generalized methods for the summation of Fourier's integrals. A. M. Gorinshtein. Izv. vys. ucheb. zav , radiotekh. 3 no. 6 630-635 N-D '60

Circuits for shaping high-intensity magnetic field pulses approaching rectangular form. A. G. Bonch-Osmolovskii, G. K Ivanov. Izv vys. ucheb. zav , radiotekh. 3 no 6 558-562 N-D '60.

Concerning the best approximations of a linear function by means of harmonic polynomials D. A. IAkovlev Izv vys ucheb zav , radiotekh 3 no 6 651-657 N-D '60

Evaluation of the frequency of a narrow-band signal in the presence of white noise. V. I. Bunimovich, V. A. Morozov Radiotekh. i elektron 6 no 9 1574-1577 S '61

Kondo, Bunji, Sosuke Iwai, and Masakazu Soga [Transient processes with finite duration in pulse systems with saturation] Perekhodnyi protsess konechnoi dlitel'nosti v impul'snykh sistemakh s nasyshcheniem. Moskva, 1960. 13 p. (International Federation of Automatic Control, 1st International Congress, Moscow, 1960 [Doklady, no 35)]
[MICROFILM]

Krivitskii, B. Kh. [Elements and equipment for pulse engineering] Elementy i ustroistva impul'snoi tekhniki. Izd. 2., dop. i pererab. Moskva, Izd-vo "Sovetskoe radio," 1960. 541 p.

Transistorized steady-state trigger serving as an output relay in a contactless device used in remote control and telemetering systems N I Kalatozishvili M V Kadzharov Trudy Inst elek , avtom i telem AN Gruz SSR 2 39-42 '61

PUMICE see subdivision under Armenia

PUMPING MACHINERY

Concerning the selection of feeding pumps for 150 and 200 Mw units S K Kamenskii Elek sta 32 no 6 21-23 Je '61

Contact stuffing boxes for AP-150 pumps L P Manon and others. Khim. mash no. 4:39-40 Jl-Ag '61.

Golubev, A. I. [Labyrinth pumps for the chemical industry] Labirintnye nasosy dlia khimicheskoi promyshlennosti. Moskva, Gos. nauchno-tekhn izd-vo mashinostroit. lit-ry, 1961 72 p.

New design of the winch for artesian rod-connected pumps. Sbor rats predl vnedr v proizv no 5:48-50 '60

Operation of self-regulating condensate pumps IU IA. Vilenskii Elek sta 32 no 6 79-81 Je '61

Unit for pumping caustic and sulfuric acid V. M Nezgada Prom. energ 16 no. 9 31 S '61

PUMPING MACHINERY, ELECTRIC

Automatic emergency system for switching on turbine pumps. D P Serykh Sakh prom 35 no 8 52-53 Ag '61

Tiutin, I. A. [Electromagnetic pumps for liquid metals] Elektromagnitnye nasosy dlia zhidkikh metallov. Riga, Izd-vo Akad nauk Latviiskoi SSR, 1959. 113 p. tables (in pocket)
(RPB)

PUMPING STATIONS

Experience in automating a waterside pumping house. V F Malov Elek sta 32 no 6 81-82 Je '61

PUNCHED CARD SYSTEMS

Isakov, V. I., and M. A. Korolev. [Over-all accounting mechanization using accounting-punched card machines] Voprosy kompleksnoi mekhanizatsii ucheta (s primeneniem schetno-perforatsionnykh mashin). Moskva, Gosfinizdat, 1961. 293 p.

PURIFICATION OF WATER see Water—Purification

PUSHKIN, ALEKSANDR SERGEEVICH, 1799-1837

Pushkinskaia konferentsiia, Kishinev, Odessa, 1954-59. [Pushkin in the South; transactions of the Pushkin Conference held in Odessa and Kishinev] Pushkin na IUge; trudy Pushkinskoi konferentsii Odessy i Kishineva. Kishinev, Shtiintsa.
Vol. 2. 1961.
(MH)

Sheinvskii, S. V. [Rhythm and thought; analysis of Pushkin's poetics] Ritm i smysl; k izucheniiu poetiki Pushkina. Moskva, Izd-vo Akad. nauk SSSR, 1961. 270 p.

PUSHKIN, ALEKSANDR SERGEEVICH, 1799-1837—HOMES AND HAUNTS

[The museum apartment of A.S. Pushkin] Muzei-kvartira A. S. Pushkina. [Leningrad] Lenizdat, 1956. 140 p. (Po muzeiam i parkam Leningrada i oblasti)

PUSHKIN, ALEKSANDR SERGEEVICH, 1799-1837—MUSEUMS, RELICS, ETC.

Hello, Aleksandr Sergeevich! E. Zonina Teatr 22 no 9 150-152 S '61.

PUTIVL'—EXCAVATIONS (ARCHAEOLOGY)

Where the palace of the prince stood.... V. Bogusevich. Znan. ta pratsia no. 8:31 Ag '61.

PYRANCARBOXYLIC ACID

Hydroxy derivatives of γ-pyrone. Part 4 Production of esters of 5-hydroxy-γ-pyran-2-carboxylic (comenic) acid. G. A. Garkusha, G. A. Khutornenko. Zhur. ob. khim. 31 no. 8 2573-2577 Ag '61

PYRANONE

Chloromethylation of 2-pyrones. N. P. Shusherina, N. D. Dmitrieva, R. IA Levina. Zhur. ob. khim. 31 no 8: 2794 Ag '61

PYRAZOLE

Potentiation of the effect of diethylstilbestrol on the mammary gland in rabbits under the influence of 3-methyl-5-phenylpyrazole (phemerazole) [with summary in English] G N Pershin, N. A Novitskaia, A A Grishina Biul eksp biol i med 51 no 5 74-76 My '61.

PYRAZOLIDINONE

Some derivatives of 3-pyrazolidinone. R B Zhurin and others Zhur. ob khim 31 no 8 2755-2761 Ag '61

PYRAZOLINE

Conversion of 5-phenylpyrazoline to 3-phenylpyrazoline I I Grandberg Zhur ob khim. 31 no 8 2793 Ag '61

PYRENE—SPECTRA

Emission and absorption spectra of frozen crystalline solutions of certain pyrene derivatives A IA Khrgina Opt. i spektr. 10 no 5.607-610 My '61.

PYRENEES-ORIENTALES—AMOEBA

"Thecamoebae of soils" [in French] by Louis Bonnet, Raymond Thomas Reviewed by M. S. Gilliarov Zool zhur 40 no 9:1430-1431 S '61

PYRIDAZINE

Cyclopropanes and cyclobutanes. Part 19 Catalytic decomposition of 3-aryltetrahydropyridazines containing nitro-, amino or oxy group in the position para IU.S. Shabarov, N I Vasil'ev, R. IA Levina Zhur ob khim 31 no 8:2482-2487 Ag '61

PYRIDINE

Complexing in the system $AlBr_3$ - C_6H_5N - $C_6H_5NO_2$ E. IA. Gorenbein, A G Ponomarenko Zhur. neorg khim 6 no 8 1926-1929 Ag '61

Saturated vapor pressure and vapor-liquid equilibrium in the system 2-methyl-5-vinylpyridine—2-methyl-5-ethylpyridine [with summary in English] A F. Frolov, M. A. Loginova, M. M. Kiseleva Zhur. fiz. khim 35 no. 8:1784-1788 Ag '61

PYRITES see subdivision under Altai Mountains, Marenuil region

PYROCATECHOL

Pyrocatechol complexes of titanium S. IA. Shneiderman, I E Knilnichenko Zhur neorg khim 6 no 8 1843-1849 Ag '61

PYRROLIDINONE

β-(N-pyrrolidonyl) ethylvinyl sulfide M F. Shostakovskii and others Izv AN SSSR Otd khim nauk no 8: 1524-1526 Ag '61

Synthesis and transformations of (N-benzoyl-2-pyrrolidinone-5-yl)-acetic acid Derivatives of β-aminoadipic acid in a β-carboxylic group B V Kleev, IU. I Smushkevich, A. I. Gol'dovskii Zhur. ob. khim. 31 no. 8 2595-2599 Ag '61

QUADRANT

Design of a quadrant with a supporting prism. G.F. Malikov. Izm. tekh. no 9 9-12 S '61.

QUADRATIC RESIDUES see Congruences and residues

QUALITY CONTROL
(see also subdivision under Moscow Province)

Organizing control over the quality of merchandise. V. Dolgakov. Vnesh torg 41 no. 8 35-37 '61.

QUANTUM ELECTRODYNAMICS

Electrodynamics of a spinor particle of zero mass [with summary in English] V. G. Vaks Zhur eksp i teor fiz. 40 no. 3:792-800 Mr '61.

General transformation of the representation of Lorentz group in bispinor space A A. Bogush, F I Fedorov. Dokl AN BSSR 5 no 8:327-330 Ag '61.

Quantum kinetic equation in the presence of mutual entrainment of electrons and phonons [with summary in English]. L. E. Gurevich, G. M. Nedlin. Zhur. eksp i teor. fiz. 40 no. 3:809-818 Mr '61.

Quantum theory of Vavilov-Cherenkov radiation by magnetic moments. A. B. Kukanov. Opt. i spektr 10 no 3:289-296 Mr '61

Radiation of polarized beams of single-electron atoms. A S. Stepanov. Izv. vys. ucheb. zav , fiz. no 3:35-41 '61.

Scattering of γ-quanta by the nuclei of a solid. I. P. Dziub, A. F. Lubchenko. Fiz tver. tela 3 no 8:2275-2284 Ag '61.

Spin of phonons. S V. Vonsovskii, M. S. Svirskii. Fiz. tver. tela 3 no. 7:2160-2165 Jl '61.

QUANTUM ELECTRONICS

Theory of thermoluminescence of impurity crystals. IU. E. Perlin, A. E. Marinchuk, L. Z Kon. Fiz tver. tela 3 no. 8:2401-2412 Ag '61.

QUANTUM FIELD THEORY

Asymptotic behavior of Green's functions in quantum field theory [with summary in English] V. P. Gachok Zhur. eksp. i teor. fiz. 40 no. 3:870-884 Mr '61

Causality conditions in quantum field theory [with summary in English]. V. IA. Fainberg Zhur. eksp i teor. fiz. 40 no. 6:1758-1767 Je '61

QUANTUM FIELD THEORY (Continued)

Functional expansion of the scattering matrix in normal products of asymptotic fields [with summary in English]. B. V. Medvedev. Zhur. eksp. i teor. fiz. 40 no. 3:828-838 Mr '61.

Model of local field theory with finite charge renormalization [with summary in English]. B. M. Barbashov, G. V. Efimov. Zhur. eksp. i teor. fiz. 40 no. 3:840-859 Mr '61.

Principle of weakening correlations in quantum field theory. V. P. Gachok. Ukr. mat. zhur. 13 no. 2:216-217 '61.

Remarks on the quantum theory of a nonlinear meson field. D. Ivanenko, D. Kurdgelaidze. Izv. vys. ucheb. zav., fiz. no. 3:109-121 '61.

Theory of the interaction between a charged particle and plasma in a magnetic field [with summary in English]. I. A. Akhiezer. Zhur. eksp. i teor. fiz. 40 no. 3:954-962 Mr '61.

QUANTUM STATISTICS

Graphic representation for the density function of the magnetization of a particle system. I. IA. Kobelev. Izv. vys. ucheb. zav., fiz. no. 3:155-163 '61.

Origin of Bose-Einstein quantum statistics. L. S. Polak. Iz. ist. nauki i tekh. v stran. Vost. no. 1:315-329 '60.

QUANTUM THEORY

Energy spectrum of holes in diamond type crystals. K. IA. Shtivel'man. Fiz. tver. tela 2 no. 3:499-501 Mr '60.

Equation of quantum mechanics in the case of geometric coupling. I. S. Arzhanykh. Izv. AN Uz. SSR, Ser. fiz.-mat. nauk 3:13-21 '61.

Philosophical problems in quantum mechanics. V. I. Svidorskii, G. A. Kurasov. Vop. filos. no. 6:184-193 '57.

Theory of the line intensities in Raman spectra. Part 2. Quantum model (Taking anharmonicity and deviations from the Condon approximation into account). L. L. Krushinskii, P. P. Shorygin. Opt. i spektr. 11 no. 2:151-160 Ag '61.

Thirring's model [with summary in English]. F. A. Berezin. Zhur. eksp. i teor. fiz. 40 no. 3:885-894 Mr '61.

Two-parameter table of elementary particles. B. I. Rusak. Izv. AN Uz. SSR Ser. fiz.-mat. nauk 3:85-86 '61.

QUARTZ
(see also subdivision under Asia, Central; Baikal Lake region

Change of the elastic properties of molten quartz under the action of Co^{60} gamma-radiation. P. F. Kromer, L. F. Khizhchenko. Izv. AN Uz. SSR Ser. fiz.-mat. nauk 3:87-88 '61.

Effect of gamma-radiation on the linear dimensions of samples of molten quartz and Rochelle salt. S. Azizov, S. V. Starodubtsev. Izv. AN Uz. SSR Ser. fiz.-mat. nauk 3:83-85 '61.

Mechanism of comminution of quartz in surface active media [with summary in English]. G. S. Khodakov, P. A. Rebinder. Koll. zhur. 23 no. 4:482-490 Jl-Ag '61.

Quartz miracle. A. Polikarov. Zhan. sila 36 no. 8:18 Ag '61.

QUARTZ—THERMAL PROPERTIES

Investigation of the thermal coefficients of quartz sand as a function of temperature and porosity [with summary in English]. V. A. Borisevich, V. I. Malikevich. Inzh. fiz. zhur. 4 no. 7:60-63 Jl '61.

QUARTZ CRYSTALS—SPECTRA

Intensity and line width of the Raman effect in α-quartz. V. G. Zubov, L. P. Osipova. Kristallografiia 6 no. 3:418-425 My-Je '61.

QUINACRINE

Use of acrichine and antiencephalitis serum in tick-borne encephalitis. I. G. Sipeiko. Voen.-med. zhur. no. 5:45-46 My '61.

QUINCE see subdivision under Apsheron Peninsula

QUINHYDRONE

Polarographic investigation of the suitability of quinhydrone preparation for pH measurement of glucose-phosphate solutions. V. M. El'gort, Z. I. Zelikman. Izv. vys. ucheb. zav., pishch. tekh. no. 4:146-148 '61.

QUINIDINE

Results of treating of individual disorders in cardiac rhythm with quinidine, quinine bromide and novocainamide. I. M. Arrigoni. Klin. med. no. 7:91-95 '61.

QUININE

Results of treating of individual disorders in cardiac rhythm with quinidine, quinine bromide and novocainamide. I. M. Arrigoni. Klin. med. no. 7:91-95 '61.

QUINOCLUDINIUM COMPOUNDS

Synthesis of polymethylene-bis-quinocludinium halides. E. E. Mikhlina, V. IA. Vorob'eva, M. V. Rubtsov. Zhur. ob. khim. 31 no. 8:2609-2613 Ag '61.

QUINOLINE

N-substituted 1 2 3,4-tetrahydroquinolines. F. IU. Rachinskii, N. M. Slavachevskaia, L. K. Sovalkova. Zhur. ob. khim. 31 no. 8:2751-2758 Ag '61.

QUINONES

Arylsulfonylquinone oximes. P. A. Titov, S. I. Burmistrov. Zhur. ob. khim. 31 no. 8:2721-2726 Ag '61.

RACHMANINOFF, SERGEI VASIL'EVICH, 1873-1943

Vasilenko, S. IA. [Sergei Vasil'evich Rachmaninoff, 1873-1943, a brief sketch of his life and works] Sergei Vasil'evich Rakhmaninov, 1873-1943, kratkii ocherk zhizni i tvorchestva. Knizhka dlia iunoshestva. Leningrad, Gos. muzykal'noe izd-vo, 1961. 105 p.

RACINE, JEAN BAPTISTE, 1639-1699

Tragedies by Racine and the performances of Marie Bell. N. Anosova. Teatr. 22 no. 9:186-190 S '61.

RADAR

Perov, V. P. [Designing of radar tracking systems with consideration of random actions] Raschet radiolokatsionnykh sledivshchikh sistem s uchetom sluchainykh vozdeistvii. Leningrad, Gos. soiuznoe izd-vo, sudostroit. promyshl., 1961. 167 p.

RADAR, MILITARY
(see also subdivision under United States)

How we achieved faultless operation at a radar station. V. P. Rykov. Vest. protivovozd. obor. no. 6:46-47 Je '61.

Important task of an automobile repair control station. V. A. Nechitailo. Vest. protivovozd. obor. no. 6:50-52 Je '61.

Mistakes in measuring coordinates by a radar station. N. I. Kravchenko. Vest. protivovozd. obor. no. 7:62-64 Jl '61.

Operating principles of the discriminator. M. N. Shoshin. Vest. protivovozd. obor. no. 6:18-21 Je '61.

Operation of a signal-storing network. N. I. Kravchenko. Vest. protivovozd. obor. no. 9:53-57 S '61.

Review of the achievements of leading operators. Vest. protivovozd. obor. no. 7:53-55 Jl '61.

Some causes of malfunction of a radar station and measures for preventing them. N. P. Vtorov. Vest. protivovozd. obor. no. 6:48-50 Je '61.

Strict discipline guarantees exemplary utilization of materiel. V. I. Pirozhkikhin. Vest. protivovozd. obor. no. 9:48-51 S '61.

Use of long lines in the antenna feeder systems of a radar station. G. M. Karpenko, L. A. Rytov. Vest. protivovozd. obor. no. 8:43-46 Ag '61.

RADAR, MILITARY—MAINTENANCE AND REPAIR

Truck-mounted repair and control stations in a tactical drill. D. I. Zhitkov, IU. V. Sokolov. Vest. protivovozd. obor. no. 9:51-53 S '61.

RADAR IN ASTRONOMY

Choice of pulse duration in a radar system for locating small meteors. E. I. Fialko. Izv. vys. ucheb. zav., radiotekh. 3 no. 6:548-557 N-D '60.

Radar determination of orbits of individual meteors [with summary in English]. B. L. Kashcheev, V. N. Lebedinets, M. F. Lagutin. Astron. zhur. 38 no. 4:681-691 Jl-Ag '61.

Radio echo from Venus. Nauka i zhizn' 28 no. 7:17 Jl '61.

RADAR METEOROLOGY

Establishing the distinctive characteristics of showers and thunderstorms in radar observations. N. F. Kotov. Trudy GGO no. 120:27-36 '61.

New code for the network of radar storm service stations. N. F. Kotov. Trudy GGO no. 120:3-11 '61.

Radar echo from dielectric inhomogeneities of a thermal nature. G. B. Bityev, E. M. Sal'man. Trudy GGO no. 120:37-44 '61.

Relation between radio echo fluctuations and the microstructure of precipitations. A. G. Gorelik, G. A. Smirnova. Dokl. AN SSSR 140 no. 5:1098-1100 Ag '61.

Some differences in the characteristics of thunderstorms and showers. K. F. Kramich, V. A. Solov'ev. Trudy GGO no. 120:52-58 '61.

Some results of radar observations on the nature of motion of the seats of origin of showers and thunderstorms. N. F. Kotov, Khe Zhui-tszian' [He Jui-chien]. Trudy GGO no. 120:45-51 '61.

RADAR OPERATORS

Condition of the auditory and vestibular analyzers of radar station operators. V. N. Tkachenko. Voen.-med. zhur. no. 6:74 Je '61.

Some physical changes in radar station operators caused by the action of high air temperature. M. P. Panchenko. Voen.-med. zhur. no. 6:74 Je '61.

RADIANT HEATING

Radiant heating of large buildings. A. Khudenko. Stroi. i arkhit. 8 no. 7:27-29 Jl '61.

RADIATION

Coherent transition radiation from current-carrying and charged clusters. V. N. TSytovich. Zhur. tekh. fiz. 31 no. 8:923-935 Ag '61.

Dispersity and electric properties of aerosols originated by the radiolysis of gaseous hydrocarbons. V. S. Bogdanov. Izv. AN SSSR Otd. khim. nauk no. 8:1520-1522 Ag '61.

Effect of a variable magnetic field on the propagation of circularly polarized radiation in a substance. O. IA. Savchenko. Opt. i spektr. 11 no. 2:273-278 Ag '61.

Effect of ionizing radiation on the storage quality of potatoes, vegetables, and fruits. I. V. Metlitskii, E. N. Mukhin. Kons. i ov. prom. 16 no. 7:22-25 Jl '61.

Effect of the ionized radiation on an accelerated electron current on the cation exchange resin KU-2. Part 2. Irradiation of KU-2 in aqueous solutions of acids and in a bidistillate [with summary in English]. P. D. Kiselev, K. V. Chmutov, V. N. Krupnova. Zhur. fiz. khim. 35 no. 8:1822-1827 Ag '61.

Effect of the ionizing radiation of an accelerated electron current on the cation exchanger KU-2. Part 1 [with summary in English]. P. D. Kiseleva, K. V. Chmutov, V. N. Krupnova. Zhur. fiz. khim. 35 no. 8:1816-1821 Ag '61.

Energy losses by radiation in a gas-discharge plasma. V. D. Khirliev. Zhur. tekh. fiz. 30 no. 3:320-329 Mr '60.

Estimating the significance of CO_2 for the integral function of absorption in homogeneous horizontal layers of the air. T. D. Bortikova. Trudy GGO no. 118:82-85 '61.

Radiation from a charged current-carrying thread in a moving medium. O. S. Mergelian. Dokl. AN Arm. SSR 32 no. 4:205-212 '61.

Radiolysis of aqueous solutions of uranium (IV) and iron (II) sulfates at elevated temperatures. V. G. Firsov, B. V. Ershler. Zhur. fiz. khim. 35 no. 8:1887-1888 Ag '61.

"Selectivity" of the thermal radiation of CaO and MgO. V. V. Sokolov, A. N. Gorban', N. A. Nazimova. Opt. i spektr. 11 no. 2:273-274 Ag '61.

Some effects of X rays and gamma rays on the electric resistance of CdS crystals. M. A. Talibi, A. G. Ilisiev. Izv. AN Azerb. SSR Ser. fiz.-mat. i tekh. nauk no. 6:91-97 '60.

Study of Mn^{56} radiation. S. S. Vasil'ev, No Sen-chan [No Seng-ch'iang], L. IA. Shavtvalov. Izv. AN SSSR, Ser. fiz., 25 no. 9:1115-1116 S '61.

RADIATION—DOSAGE

Possibility of using certain organic scintillators for dosimetry [with summary in English]. IU. A. Egorov, V. A. Kucherjaev. Inzh. fiz. zhur. 4 no. 7:117-119 Jl '61.

RADIATION—MEASUREMENT

Emissivity measurements of opaque bodies. A. M. Brounshtein, L. B. Kirasal'shchikov. Trudy GGO no. 118:42-50 '61.

Precision mean counting-rate meter. L. S. Gorn, B. I. Khazanov. Apparatura i pribory, no. 1:77-83 '60.

Statistical control of radiometric equipment. I. M. Nazarov. Izm. tekh. no. 9:43-44 S '61.

RADIATION—PHYSIOLOGICAL EFFECT

Combined effect of total irradiation and variable temperature on the body. P. A. Milonov. Voen.-med. zhur. no. 6:37-39 Je '61.

Effect of antisera against irradiated malignant tissues on the growth of experimental tumors in animals exposed to irradiation. Report No. 1. Antibody-producing capacity of irradiated antigens in various species of animals [with summary in English]. I. N. Maiskii, P. P. Filatov, G. V. Suvorova. Biul. eksp. biol. i med. 51 no. 4:92-95 Ap '61.

Injurious effect of luminous radiation from an atomic explosion. A. A. Guknazian. Voen.-med. zhur. no. 6:31-36 Je '61.

Kurtsin, I. T. [Ionizing radiation and digestion] Ioniziruiushchaia radiatsiia i pishchevarenie. [Leningrad] Gos. izd-vo med. lit-ry Medgiz, 1961. 207 p. [MICROFILM]

Localized effects of ionizing radiation on cellular components. A. L. El'darov, N. N. Rott. TSitologiia 3 no. 4:377-388 Jl-Ag '61.

New data on the effect of ionizing radiations on the endocrine system. D. E. Grodzenskii. Probl. endok. i gorm. 7 no. 4:26-32 '61.

Radiosensitivity of earthworms. R. I. Pogosian. Radiobiologiia 1 no. 3:361-364 '61.

Tomsk. Tomskii gosudarstvennyi meditsinskii institut. [Problems in surgery of the esophagus and stomach. Biological effect of rays from the 25 Mev. betatron] Voprosy khirurgii pishchevoda i zheludka. Biologicheskoe deistvie luchei betatrona 25 Mev. Tomsk, Izd-vo Tomskogo univ., 1960. 354 p. (DNLM)

RADIATION PROTECTION

Changes in the electric parameters of the liver in irradiated animals due to prophylactic administration of cysteine. A. A. Mikhailova. Radiobiologiia 1 no. 3:325-329 '61.

Comparative data on the protective and therapeutic effect of the derivatives of diamides of imidazoledicarboxylic acids in radiation injury. S. IA. Arbuzov, A. MStashkov, V. P. Korotkova. Radiobiologiia 1 no. 3:385-393 '61.

RADIATION SICKNESS

Antibiotic therapy in radiation injury G. A. Vasil'ev. Voen.-med. zhur. no. 6:26-31 Je '61

Changes in the thromboplastin of blood during acute radiation sickness. N. IA. Lagutina. Radiobiologiia 1 no. 3:350-353 '61.

Delayed surgical treatment of infected wounds of the soft tissues and the use of bicillin in victims of penetrating radiation (experimental study) G. N. T'syhyliak. Voen. med. zhur. no. 6:22-26 Je '61

Effectiveness of repeated immunization in radiation sickness. D. G. Pel'ts. Voen.-med. zhur. no. 6:75 Je '61

Excretory function of the gastrointestinal tract in radiation sickness. S. V. Voinov. Voen.-med. zhur. no. 6:75 Je '61

Higne's method in the study of autosensitization in radiation sickness [with summary in English] N. N. Klemparskaia, N. V. Raeva. Biul. eksp. biol. i med. 51 no. 5 77-81 My '61

Ivanov, A. E. [Pathoanatomical changes in the lungs in radiation sickness] Patologoanatomicheskie izmeneniia legkikh pri luchevoi bolezni. Pod red. N. A. Krayevskogo. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 153 p. (DNLM)

Organization of work at a receiving and sorting section of a therapeutic hospital. D. B. Marshalkovich and others. Voen.-med. zhur. no. 6:15-17 Je '61

Sensitivity of the skin in acute radiation sickness to externally applied medicinal substances. V. I. Samtsov. Voen.-med. zhur. no. 6:75 Je '61

Significance of follicular cysts of the ovaries in the rise and development of dyshormonal tumors in rats. E. A. Ird. Probl. endok. i gorm. 7 no. 4:35-42 '61

RADIATORS

(see also subdivision under Iskitim, Novosibirsk Province)

Technology of producing stamped radiators. N. Luk'ianov, I. Zal'tsman. Na stroi Ros. no. 7 28-29 Jl '61.

RADICALS (CHEMISTRY)

Addition of triphenylmethyl radicals to enynes and silicon hydrocarbons. A. A. Petrov, M. D. Stadnichuk, IU. I. Kheruze. Dokl. AN SSSR 139 no. 5 1124-1127 Ag '61.

Anion polymerization in the presence of aromatic compounds. A. A. Arest-IAkubovich, A. R. Gantmakher, S. S. Medvedev. Dokl. AN SSSR 139 no. 6:1351-1353 Ag '61.

Conjugated systems. Part 142. Addition of triphenylmethyl radicals to vinylacetylene and its homologs. IU. I. Kheruze, A. A. Petrov. Zhur. ob. khim. 31 no. 8 2559-2563 Ag '61.

Energy of formation of a free benzoate radical [with summary in English]. Kh. S. Bagdasar'ian. Zhur. fiz. khim. 35 no. 8:1774-1776 Ag '61

Free radical addition of carboxylic acids to α-olefins. G. I. Nikishin, IU. N. Ogibin, A. D. Petrov. Izv. AN SSSR, Otd. khim. nauk no. 8 1487-1495 Ag '61

Free radical reactions in solutions. Part 18. Relative activity of CH_3· and $(CH_3)_3CO$· radicals in the reaction of detachment of H-atom from hydrocarbons. V. IA. Bogomol'nyi, B. L. Erusalimskii, E. I. Pokrovskii. Zhur. ob. khim. 31 no. 8:2675-2682 Ag '61.

Free radical reactions of bis-cyclopentadienyldiphenyltitandium. G. A. Razuvaev, V. N. Latiaeva, L. I. Vyshinskaia. Zhur. ob. khim. 31 no. 8 2667-2674 Ag '61.

Mechanism of radical and peroxide inactivation by natural tissue antioxidants. A. I. Zhuravlev, A. I. Polivoda, B. N. Tarusov. Radiobiologiia 1 no. 3: 321-324 '61.

Theory of spin-lattice relaxation in radicals in fluids [with summary in English]. I. V. Aleksandrov, G. M. Zhidomirov. Zhur. eksp. i teor. fiz. 40 no. 6:1720-1724 Je '61.

RADICALS (CHEMISTRY)—SPECTRA

Possible use of the electron paramagnetic resonance method for recording active centers in the reactions of the liquid phase oxidation of hydrocarbons. IA. S. Lebedev, V. F. TSepalov, V. IA. Shlapintokh. Dokl. AN SSSR 139 no. 6:1409-1412 Ag '61.

RADIO

[Command of the times; active participation on the part of the public in activities of the Soviet press and radio] Velenie vremeni; obshchestvennoe nachalo v rabote sovetskoi pechati i radio. Moskva, Izd-vo "Pravda," 1961. 206 p.

Krylov, N. N. [Theoretical fundamentals of radio engineering] Teoreticheskie osnovy radiotekhniki. Leningrad, Izd-vo "Morskoi transport," 1961. 416 p.

Let's meet the 22d Congress of the CPSU in the proper way. Radio no. 3:1-2 Mr '61

Letters of friendship. IU. Gudkov and others. Radio no. 3:3 Mr '61.

Passages from some letters. G. Khosenko and others. Radio no. 3:16 Mr '61.

Prospects for the development of communications technic (as revealed by foreign press data). V. P. IAgodin, A. S. Vasil'ev. Vest. protivovozd. obor. no. 6:56-60 Je '61.

RADIO—ABSTRACTS

[Automatic control and radio engineering.] Ref. zhur.: Avtom. i radioelektr. no. 2 S '61.

RADIO—ANTENNAS

Selection and operation of loop-type receiving antennas. I. A. Kiritanov. Vest. protivovozd. obor. no. 9 64-66 S '61.

RADIO—CONGRESSES

Plenum of the federation of radio amateurs of the U. S. S. R. Radio no. 3 5-6 Mr '61.

RADIO—EQUIPMENT AND SUPPLIES

Methodology for developing time norms for die casting in the manufacture of ceramic radio components. V. Vantroba. Biul. nauch. inform., trud. i zar. plata 4 no. 7 24-30 '61.

Petrov, I. N. [Miniature radio devices] Miniaturnye radioustroistva. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 140 p.

Radiospectroscope with a disk resonator. T. M. Murina. Radiotekh. i elektron. 6 no. 9 1586-1588 S '61.

RADIO—INSTALLATION ON SHIPS

Pisarev, V. A. [Radiooborudovanie morskikh sudov. Leningrad, Izd-vo "Morskoi transport," 1961. 254 p.

RADIO—INTERFERENCE

Generalization of the experimental data on radio interference caused by corona generating wires obtained from measurements of operational and experimental lines. N. B. Bogdanova, S. I. Riabaia. Elektroenergetika no. 4:90-114 '61.

Increase the effort to suppress industrial interference to radio reception. Radio no. 3 11 Mr '61.

Radio interference caused by a. c. powered electric railroads. IU. M. Abramson. Vest. elektroprom. 32 no. 8:45-48 Ag '61.

RADIO—PERIODICALS—INDEXES

Matlin, S., and G. Novik. [Guide to the magazine "Radio" for 1950-1959] Putevoditel' po zhurnalu "Radio" za 1950-1959 gg. Moskva, Izd-vo DOSAAF, 1960. 208 p.

RADIO—RECEIVERS AND RECEPTION

Concerning the problem of detecting frequency modulated signals. V. K. Turkin, G. A. Levin. Radiotekh. i elektron. 6 no. 9 1460-1464 S '61.

Concerning the theory of the detection of complex frequency modulated signals. G. A. Levin, V. K. Turkin. Radiotekh. i elektron. 6 no. 9 1465-1467 S '61.

Effect of signal fluctuations on a receiver with AGC. V. V. Shirokov. Radiotekh. i elektron. 6 no. 9:1452-1459 S '61.

[Instructions for the use of the "Rekord" radio receiver] Instruktsiia pol'zovaniia priemnikom "Rekord." Dnepropetrovsk, M-vo mestnoi promyshl. USSR, 1951. 11 p.

Pocket radio receiver. M. F. Brukva. Nauka i zhyttia 11 no. 7:44-15 Jl '61

"Sakta" radio-phonograph combination. Radio no. 3:25-27 Mr '61.

Simple battery-powered radio receiver. V. Bol'shov, R. Svoren'. Radio no. 3:42-46 Mr '61

RADIO—TRANSMITTERS AND TRANSMISSION

Model', Z. I. [Radio transmitters] Radioperedaiushchie ustroistva. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1961. 463 p.

RADIO, MILITARY

Attachment for a tape recorder. V. P. Druzhinin. Vest. protivovozd. obor. no. 7:71-72 Jl '61.

Communication between the RSP radar system and the alert crew center. G. A. Osinskii. Vest. protivovozd. obor. no. 9 66-67 S '61.

Field is the best school of combat training. G. I. Cherevko. Vest. protivovozd. obor. no. 7:65-67 Jl '61.

Our soldiers have extended their military and technological studies. I. Sitnikov. Komm. Vooruzh. Sil 1 no. 6: 41-43 Mr '61.

Popularizing the experience of outstanding radio units. V. Priadukhin. Komm. Vooruzh. Sil 1 no. 6:49-51 D '60.

Principal method for directing troops. A. Leonov. Voen. vest. 41 no. 5:25-27 My '61.

Toward new achievements. A. Ershov, I. Safonov. Komm. Vooruzh. Sil 1 no. 4:45-46 F '61.

We expect more from each Communist. N. Berezin. Komm. Vooruzh. Sil 1 no. 6:70-73 Mr '61.

RADIO, MILITARY—BIBLIOGRAPHY see Bibliography—Radio, Military

RADIO, SHORTWAVE

Concerning the calculation of the reliability of tropospheric communication systems at correlated fadings. A. V. Prosin. Radiotekh. i elektron. 6 no. 9:1578-1580 S '61.

Device for testing the electron tubes of the PVZK high-frequency transmitter-receiver set. V. P. Shapkin. Energetik 9 no. 8:18-19 Ag '61.

Shortwave transmitter and broadcast receiver. I. Ignat'ev. Radio no. 3:28-30, 34 Mr '61.

RADIO, SHORTWAVE—ANTENNAS

Tuning a phase adjusting circuit. V. D. Shapran. Vest. protivovozd. obor. no. 9 63 S '61

RADIO ASTRONOMY

Determination of the characteristics of the surface of the moon using observations obtained with a high-resolution radio telescope [with summary in English]. N. L. Kaidanovskii, A. E. Salomonovich. Izv. vys. uchеb. zav., radiofiz. 4 no. 1:40-43 '61.

The first true radio star. I. S. Shcherbina-Samoilova. Priroda 50 no. 9:113 S '61.

Radioastronomy observations of Soviet space rockets. V. V. Vitkevich and others. Radiotekh. i elektron. 6 no. 9:1420-1431 S '61.

RADIO CLUBS

(see also subdivision under Lytkarino; Saratov; Ukraine)

At the school's radio club. IU. Beliakova. Radio no. 3 15 Mr '61.

Our girls. M. Bassina. Radio no. 3:3-4 Mr '61

Radio clubs need social consultants. V. Ivanov. Radio no. 3:19-20 Mr '61

RADIO CONTROL

Radio control of a crane. V. N. Ivanov. Bezop. truda v prom. 5 no. 8:20 Ag '61

RADIO DETECTORS

Concerning the problem of detecting frequency modulated signals. V. K. Turkin, G. A. Levin. Radiotekh. i elektron. 6 no. 9 1460-1464 S '61.

Concerning the theory of the detection of complex frequency modulated signals. G. A. Levin, V. K. Turkin. Radiotekh. i elektron. 6 no. 9 1465-1467 S '61.

RADIO FILTERS

Concerning certain optimum devices for detecting a pulse signal with random duration in the presence of noise. N. K. Kul'man, R. L. Stratonovich. Radiotekh. i elektron. 6 no. 9 1442-1151 S '61.

Simplified design of antenna filters. IU. Prozorovskii. Radio no. 3:31-32, 34 Mr '61.

RADIO-FREQUENCY COSMIC RADIATIONS see Cosmic radiations, Radio-frequency

RADIO FREQUENCY MODULATION

Concerning the problem of detecting frequency modulated signals. V. K. Turkin, G. A. Levin. Radiotekh. i elektron. 6 no. 9 1460-1464 S '61.

RADIO INDUSTRY

"Assembling of radio equipment" by V. O. Bukler, IU. I. Rabinovich. Reviewed by S. S. Gorbenko. Vest. protivovozd. obor. no. 9 78-79 S '61.

RADIO LINES

Method for calculating the thermal conditions in large cables carrying radio frequency in repeating transitory operation. S. M. Vernik, Kh. R. Malkin. Vest. elektroprom. 32 no. 8:48-51 Ag '61.

Step bridges. A. L. Fel'dshtein. Radiotekh. i elektron. 6 no. 9:1581-1582 S '61.

RADIO OPERATORS

Brief news. Radio no. 3:33 Mr '61.

"On the mark" for double event. A. Orlov. Radio no. 3: 14-15 Mr '61.

Rules for the competitions "work in the radio network." Radio no. 3:14 Mr '61

Unusual meeting in the ether. Radio no. 3:20 Mr '61.

RADIO WAVES

Kabanov effect. V. A. Bunin. Fiz. v shkole 21 no. 2:30 Mr-Ap '61.

Use of the concept of the negative equivalent radius of the earth for evaluating the intensive refraction of radio waves [with summary in English]. S. IA. Braude, I. E. Ostrovskii, F. S. Sanin. Izv. vys. uchеb. zav.; radiofiz. 4 no. 1 67-73 '61.

RADIO WAVES—DIFFRACTION

Transverse diffusion during diffraction on an impedance cylinder with a large radius. Part 2: Asymptotic laws of diffraction in polar coordinates. L. A. Vainshtein, G. D. Maliuzhinets. Radiotekh. i elektron. 6 no. 9:1489-1495 S '61.

RADIOACTIVE FALLOUT

Johns Hopkins University. Operations Research Office. [Biological effects of whole-body gamma radiation on human beings. Translated from the English] Biologicheskie posledstviia obshchego gamma-obluchenita cheloveka. Pod red. M. F. Popovoi. Moskva, Atomizdat, 1960. 107 p. (CU)

Radiation and chemical reconnaissance. S. Doledonov. Voen. vest. 41 no. 5:50-53 My '61.

Zubkin, A. S., and V. A. Medvedev. [Radioactive cloud and protection against it] Radioaktivnoe oblako i zashchita ot nego. Moskva, Izd-vo DOSAAF, 1961. 65 p.

RADIOACTIVE SUBSTANCES

"Hot" atoms. M. Emtsov, E. Parnov Znan. sila 36 no 8:9-11 Ag '61

Radioactivity of sediments in the Black Sea I. E. Starik and others. Dokl AN SSSR 139 no. 6 1456-1459 Ag '61.

RADIOACTIVE SUBSTANCES—DECAY

Application of an ionization α-spectrometer with a time analyzer for half-life determinations. Iu. M. Volkov and others Izv. AN SSSR. Ser. fiz. 25 no. 9, 1188-1196 S '61.

RADIOACTIVE SUBSTANCES—SPECTRA

"Emission spectrum analysis of atomic materials" by A. N. Zaidel' and others Reviewed by V. K. Prokof'ev Opt. i spektr. 11 no. 2:291-293 Ag '61

RADIOACTIVITY

Zalieeva, L. L., and N. A. Figurovskii. [Investigation of radioactive phenomena in prerevolutionary Russia] Issledovaniia iavlenii radioaktivnosti v dorevoliutsionnoi Rossii. Moskva, Izd-vo Akad. nauk SSSR, 1961. 221 p.

RADIOACTIVITY—MEASUREMENT

Radiometric analysis of rocks Iu A Vachnadze Soob. AN Gruz. SSR 26 no. 4 405-407 Ap '61

RADIOBIOLOGY

Gorodetskii, A. A., B. P. Kirichinskii, and N. F. Lipkan. [Studies in radiobiology] Ocherki po radiobiologii. Kiev, Izd-vo Akad. nauk USSR., 1961. 219 p.

Grodzenskii, D. E. [Radiobiology; biological effect of ionizing radiations] Radiobiologiia; biologicheskoe deistvie ioniziruiushchikh izlucheniĭ. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhniki, 1961. 132 p. (Nauchno-populiarnaia biblioteka Gosatomizdata)

Second interinstitute conference on problems of radiation microbiology and immunology. B. B. Marder Voen.-med zhur. no 5 92-93 My '61.

RADIOCHEMISTRY

Effect of moisture on the radiochemical stability of the cation exchanger KU-2. I. A Kuzin, A. M. Semushin Zhur. prikl. khim. 34 no. 8 1710-1714 Ag '61.

Possibilities for the application of proportional counters in radiochemical analysis. B. I Khazanov App. dlia iad. spek. no. 1 41-58 '60

RADIOFREQUENCY SPECTROSCOPY

Radiospectroscope with a disk resonator. T. M. Murina. Radiotekh. i elektron. 6 no. 9:1586-1588 S '61.

RADIOGRAPHY

X-ray images of discrete dislocation lines without special fine-focus appliances. L. I. Datsenko. Ukr. fiz. zhur. 6 no. 3:429-431 My-Je '61.

RADIOGRAPHY—EQUIPMENT AND SUPPLIES

Work of a mobile X-ray room V. M. Varlamov. Voen.-med. zhur. no. 5 68-69 My '61.

RADIOISOTOPES

Application of radioisotopes to the study of the movement of salts in the soils of the Golodnaya Steppe. M Kh. Khaimatov, L. M. Nikiforova Izv. AN Uz. SSR. Ser. fiz.-mat. nauk 3:48-52 '61.

RADIOISOTOPES—INDUSTRIAL APPLICATIONS

Use of Eu-152/154 radioisotopes for the quality control of welded joints V. G. Okara, V. M. Fedoruk, D. V. Shatailo. Avtom. svar. 14 no. 9:85-88 S '61.

The use of radioactive isotopes in the construction industry. L. D. Berkheer. Izv vys. ucheb zav., stroi. i arkhit. 4 no. 4:165-176 '61.

Using radiation methods in investigating the flow of intersoluble liquids. P. I. Zabrodin, N. L. Rakovskii, M. D. Rozenberg. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 4:43-47 Jl-Ag '61.

RADIOMETER

Using the "TISS" radiometer for recording soft Beta radiation. A. O. Furman, E. I Kobazev. Izv. TSKhA no. 2:232-233 '61.

RADIOTELEGRAPH

When an officer knows his job well. D. G. Vasil'ev. Vest. protivovozd. obor no. 8:52-55 Ag '61.

RADIOTHERAPY

Some current problems in radiotherapy. V. V. Rozin, V. A. Filippov, A. V. Amelina. Voen.-med zhur. no. 6: 40-42 Je '61.

RADISHCHEV, ALEKSANDR NIKOLAEVICH, 1749-1802

Indisputable and controversial elements in the critical evaluation of A. N. Radishchev's legacy. A. V. Zapadov. Vop. filos. no. 6:136-141 '57.

More about A. N. Radishchev. I. IA. Shchipanov. Vop. filos. no. 6:127-136 '57.

RAILROAD BRIDGES—MAINTENANCE AND REPAIR (see also subdivision under Czechoslovakia)

Competition strengthens friendship. L. Trotskii Put' i put khoz 5 no. 6-18-20 Je '61.

Mechanize the cleaning of bridge span structures. P. I. Avdeev. Put' i put. khoz. 5 no. 7:22 Jl '61.

RAILROAD BRIDGES—PAINTING

Specialized crews for bridge painting. Iu. D. Rekhtvskii, V. K. Afanas'ev. Put' i put. khoz. 5 no. 7:31 Jl '61.

RAILROAD ENGINEERING

Aksenov, I. IA., and G. I. Sulazov. [Aid for the study of the regulations for the construction and operation of railroads in the U. S. S. R.] Posobie dlia izucheniia pravil tekhnicheskoi ekspluatatsii zheleznykh dorog SSSR. Moskva, Gos. transp. zhel.-dor. izd-vo, 1947. 479 p.

Changing the dimensions of rail cuts for frogs. Put' i put. khoz. 5 no. 7:15 Jl '61.

Russia (1923- U. S. S. R.) Komitet po zemlianomu polotnu. [Control of landslides, avalanches and washouts on railroads in the Caucasus, papers of a conference held in Rostov from February 1st to February 4th, 1960] Bor'ba s opolzniami, obvalami i razmyvami na zheleznykh dorogakh Kavkaza; trudy soveshchaniia, provedennogo v g. Rostove s 1 po 4 fevralia 1960 g. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 168 p.

Work practices of the Bureau for Planning and Design of a consolidated railroad. P. S. Krutenkov. Zhel. dor. transp. 43 no. 8:37-40 Ag '61.

RAILROAD ENGINEERING—COMPETITIONS

Contest for the best scientific and technical proposals. Put' i put. khoz. 5 no. 7:45 Jl '61.

RAILROAD ENGINEERS see Locomotive engineers

RAILROAD LAW, INTERNATIONAL

[Rate manual] Tarifnoe rukovodstvo. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia.

No. 20-E. [Soviet-Chinese Railroad Border Agreement; in force since April 1, 1951. Reprinted with amendments introduced before March 1, 1961] Sovetsko-kitaiskoe pogranichnoe zheleznodorozhnoe soglashenie. Deistvuet s 1 aprelia 1951 g. Peroizdano s izmeneniiami i dopolneniiami, vvedennymi v deistvie do 1 marta 1961 g. 1961. 59 p.

[Rate manual] Tarifnoe rukovodstvo. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia.

No. 22-E. [Soviet Mongolian Railroad Border Agreement; in force since January 1, 1954; with amendments introduced before March 1, 1961] Sovetsko-mongol'skoe pogranichnoe zheleznodorozhnoe soglashenie. Deistvuet s 1 ianvaria 1954 g. S izmeneniiami i dopolneniiami, vvedennymi v deistvie do 1 marta 1961 goda. 1961. 35 p.

RAILROAD MOTORCARS

Chain clutch case of the railway motor car. I K. Solop. Put' i put. khoz 5 no. 6 24 Je '61.

Diesel trains and railroad motorcars on suburban commuters' lines. V. B. Kontsevenko, Zhel.-dor. transp 43 no 9:37-38 S '61

Diesel trains on the railroads of foreign countries. P. V. IAkobson. Zhel.-dor. transp 43 no. 9:87-92 S '61.

RAILROAD MOTORCARS—TECHNOLOGICAL INNOVATIONS

Useful improvements L. P. Savchuk. Put' i put. khoz. 5 no. 6:23 Je '61.

RAILROAD RESEARCH

For a further progress in transportation sciences. Zhel. dor. transp. 43 no. 8:3-7 Ag '61.

RAILROADS

(see also subdivision under Germany, West; Perm)

Answering readers' queries. Put' i put. khoz. 5 no. 6: 40 Je '61.

Answering readers queries. Put' i put. khoz. 5 no. 7:45 Jl '61.

Automatization of operational procedures in railroad transportation. E. V. Zakis, V. A. Persianov, A. P. Poluektov. Zhel.-dor. transp 43 no. 9:84-87 S '61.

Bobkov, V. A., and V. P. Markov. [Railroad transportation in the seven-year plan] Zheleznodorozhnyi transport v semiletnem plane. Leningrad, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, 1961. 43 p.

From pages of foreign journals. Zhel. dor. transp. 43 no. 8:91-92 Ag '61.

From pages of foreign journals. Zhel.-dor. transp. 43 no. 9:92-93 S '61.

From the editor's mail. Zhel. dor. transp. 43 no. 8:81 Ag '61.

From the editor's mail. Zhel.-dor. transp. 43 no. 9: 88 S '61.

Grandiose prospects. Zhel.-dor. transp. 43 no. 9:3-7 S '61.

Industry-wide technical conferences of the Ministry of Railroad Transportation. Zhel dor. transp 43 no. 8 83 Ag '61.

Letters to the editor Put' i put khoz. 5 no. 6 11 Je '61

Letters to the editor. Put' i put. khoz. 5 no. 7:44 Jl '61.

Lin'kov, M. V. [Work planning for railroad sections] Planirovanie truda na otdelenii zheleznoi dorogi. Moskva, 1959. 33 p. (DBC)

Necessary textbook on transportation economics ("Economics of railroad transportation" by I. V. Belov and others. Reviewed by A. G. Napolko and others) Zhel. dor transp 43 no 8 95-96 Ag '61

On our country's roads of steel. Iu. Pavlov. Komm. Vooruzh. Sil 1 no. 6:55-57 Mr '61

RAILROADS—ACCOUNTS, BOOKKEEPING, ETC.

Strengthening of business accounting in the transportation operational units, review of articles received by the editor. Zhel.-dor. transp. 43 no 9:34-35 S '61.

RAILROADS—BIBLIOGRAPHY see Bibliography—Railroads

RAILROADS—BRAKES

Aganov, M. I., and A. N. Perov. [Design and repair of automatic brakes] Ustroistvo i remont avtotormozov. Izd. 6., perer. i dop. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 270 p.

Economic advantages of the use of regenerative braking. M. A. Chernyshev. Vest TSNII MPS 20 no 5-14-16 '61

Experimental operation of nonmetal brake shoes. S. L Abaziov Vest TSNII MPS 20 no. 5 58-59 '61.

Kazarinov, V. M., and B. L. Karvatskii. [Designing and testing automatic brakes] Raschet i issledovanie avtotormozov. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 231 p.

RAILROADS—CARS

(see also subdivision under Baku; Leninakan)

Mikhalevskii, A. I., and M. M. Stompnevskii. [Railroad cars; structural features and repair techniques] Vagony; ustroistvo i tekhnika remonta. Moskva, Gos. transp. zhel-dor. izd-vo, 1945. 814 p.

RAILROADS—CARS—CONSTRUCTION

Make wider use of aluminum alloys in manufacturing railroad equipment S. G. Vedenkin, I. A. Moiseev, V. S. Sintiavskii. Zhel. dor. transp. 43 no. 8: 26-30 Ag '61.

RAILROADS—COLD WEATHER OPERATIONS

Characteristics of laying 25-meter rails under severe climatic conditions. V. P. Novichkov Put' i put. khoz. 5 no 6 36-37 Je '61.

RAILROADS—COMMUNICATION SYSTEMS

Prospects for the expansion of radio relay communication systems V. V. Dobrovol'skii. Zhel. dor. transp 43 no. 8 43-46 Ag '61.

RAILROADS—COMMUTING TRAFFIC

Diesel trains and railroad motorcars on suburban commuters' lines. V. B Kotsevenko Zhel.-dor. transp 43 no. 9:37-38 S '61.

RAILROADS—CONSTRUCTION

(see also subdivision under Golodnaya Steppe; Siberia, Eastern)

How to determine the economic effectiveness of capital investments in the construction of railroads. S M Khodzhaev. Obshchestv nauki v Uz no. 6:22-27 '61

[Railroad surveying and construction] Izyskaniia i postroika zheleznykh dorog. [By] M. N. Lebedev i dr. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia.

Pt. 2. [Railroad construction] Postroika zheleznykh dorog. 1961. 319 p.

Some problems in the construction of new railroads. G. I. Chernomordik. Zhel.-dor. transp. 43 no. 9:19-25 S '61.

RAILROADS—COST OF OPERATION

Efforts of the Osnova Station staff to lower operation costs. A. I. Shutov, G. I. Oleshko. Zhel. dor. transp. 43 no. 8:58-62 Ag '61

Transportation costs and advantages of the new equipment and techniques. E. V. Larionova. Zhel.-dor. transp. 43 no. 9:26-30 S '61.

RAILROADS—ELECTRIC EQUIPMENT

AB2-T/230-Zh Electric Power Plant. Put' i put. khoz. 5 no. 7:28-29 Jl '61.

Electric power station on rollers. A. M. Shlykov. Put' i put. khoz. 5 no. 6:20 Je '61.

Provide for a centralized electric power supply of passenger trains. V. A. Rakov, G. E. Sorokin. Zhel. dor. transp. 43 no. 8:22-25 Ag '61.

RAILROADS—ELECTRIFICATION

World's largest railroad electrification project. L. M. Pertsovskii. Zhel.-dor. transp. 43 no. 9:8-14 S '61.

RAILROADS—ELECTRONIC EQUIPMENT

Bartnovskii, A. L., V. O. Kozin, and S. A. Kucherenko. [Specialized measurements in communication systems, automatic control, and remote control] Spetsial'nye izmereniia v sviaznykh sistemakh, avtomatiki i telemekhaniki. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 251 p.

RAILROADS—EMPLOYEES

All-Union Railwayman's Day. Put' i put. khoz. 5 no. 7: 1 Jl '61.

For the title of Factory of Communist Labor. A. A. Frimovskii. Put' i put. khoz. 5 no. 6: 21-22 Je '61.

Long, long run. O. Knorring. Ogonek 39 no. 39: 10-12 Ag '61.

Political propaganda on the Tomsk Railroad in the early phase of the Great Patriotic War. I. V. Ilyarov. Uch. zap. TGU no. 37: 163-173 '59.

RAILROADS—EMPLOYEES—EDUCATION AND TRAINING

Zuev, L. I. [Equipment for areas used for training in truck flying] Oborudovanie uchebnogo poligona zheleznodorozhnogo puti. Moskva, Vses. uchebno-pedagog. izd-vo. Proftekhizdat, 1961. 88 p. (Literatura po oborudovaniiu uchebnykh kabinetov)

RAILROADS—EMPLOYEES—LABOR PRODUCTIVITY

Analyzing the labor productivity of locomotive crews in a railroad division. F. M. Fleishman. Vest. TSNII MPS 20 no. 5: 55-57 '61.

RAILROADS—EQUIPMENT AND SUPPLIES
(see also subdivision under France, United States)

Apparatus for washing box cars. IU. A. Noskov. Vest. TSNII MPS 20 no. 5: 63 '61.

Ballast tamper. K. E. Ivanov, E. P. Bondarenko. Put' i put. khoz. 5 no. 7: 7-9 Jl '61.

Detector system of the defectoscope has been improved. V. T. Velibeda. Put' i put. khoz. 5 no. 7: 27 Jl '61.

Gulenko, N. N., and V. E. Gora. [Track machinery and mechanisms] Putevye mashiny i mekhanizmy. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 319 p.

How to recondition prism attachments of the defectoscope. L. E. Zaitsev. Put' i put. khoz. 5 no. 7: 27 Jl '61.

Improving the ballast cleaning machine. G. A. Pevtiukhov. Put' i put. khoz. 5 no. 6: 8 Je '61.

Installation for straightening sides of dump cars. V. I. Denisenko, V. L. Vlasenko. Sbor. rats. predl. vnedr. v proizv. no. 5: 62-63 '60.

New lining and filtering materials. I. IU. Belinevskii and others. Zhel.-dor. transp. 43 no. 9: 61-63 S '61.

New powerful jack for track surfacing. V. S. Pelferov. Put' i put. khoz. 5 no. 7: 26 Jl '61.

New rollers for the track measuring car. V. M. Nesterov. Put' i put. khoz. 5 no. 6: 25 Je '61.

Track equipment needs good care. A. F. Mokrousov. Put' i put. khoz. 5 no. 7: 25 Jl '61.

Tractor-mounted shrub cutter. E. V. Vitvitskii. Put' i put. khoz. 5 no. 6: 21-25 Je '61.

Why aren't the motorized track-mounted alignment machines put into mass production? I. N. Nikolaev, V. IU. Dubovskii. Put' i put. khoz. 5 no. 7: 23 Jl '61.

RAILROADS—EXHIBITIONS

Railroad transportation at the Exhibition of Achievements of the National Economy of the U. S. S. R. V. N. Borovitskii. Zhel.-dor. transp. 43 no. 9: 73-76 S '61.

RAILROADS—FINANCE

Losimov, A. V. [Capital assets of railroads and ways of improving their utilization] Osnovnye sredstva zheleznykh dorog i puti uluchsheniia ikh ispol'zovaniia. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 48 p. (V pomoshch' izuchaiushchim ekonomiku zheleznodorozhnogo transporta)

RAILROADS—FREIGHT
(see also subdivision under Kuznetsk Basin; Tselinograd)

Determining the effectiveness of making up shipper's special destination trains. P. M. Sergeev. Zhel. dor. transp. 43 no. 9: 48-49 S '61.

Kaplun, F. Sh., and others. [Manual on containers and packing for freight] Spravochnik po tare i upakovke gruzov. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 393 p.

Uniform international transportation nomenclature for freight. N. A. Konovalova. Zhel.-dor. transp. 43 no. 9: 82-85 S '61.

RAILROADS—FREIGHT CARS

Improve the organization of gondola car repairs. Z. V. Evseev. Zhel. dor. transp. 43 no. 8: 67-68 Ag '61.

Results of the testing of inertia unloading machines. D. S. Pliukhin, V. N. Ramodin. Vest. TSNII MPS 20 no. 5: 33-37 '61.

Russia (1923- U. S. S. R.) Ministerstvo putei soobshcheniia. [Calibration tables for tank cars] Tablitsy kalibrovki zheleznodorozhnykh tsistern. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 214 p.

Selecting the type of hopper locking mechanisms. S. A. Drugal', IU. V. Sharlov. Vest. TSNII MPS 20 no. 5: 59-61 '61.

Technical and economic comparison of high-capacity gondola cars. L. A. Shadur, V. V. Lukin. Zhel. dor. transp. 43 no. 8: 17-22 Ag '61.

Wider use of six-axle gondola cars. N. A. Mordvinkin. Zhel.-dor. transp. 43 no. 9: 43-46 S '61.

RAILROADS—FREIGHT CARS—TESTING

Measuring the resistance to motion of freight cars by means of radar systems. A. P. Orlov. Vest. TSNII MPS 20 no. 5: 6 '61.

RAILROADS—HYDRAULIC EQUIPMENT

Use of hydraulic equipment for track alignment. S. I. Fotov, Z. L. Kremis. Put' i put. khoz. 5 no. 7: 14-15 Jl '61.

RAILROADS—JOINT USE OF FACILITIES

Cooperative use of equipment. M. S. Tkach. Zhel.-dor. transp. 43 no. 9: 70-71 S '61.

New developments in the operation of approach tracks. N. I. Sorokin. Zhel.-dor. transp. 43 no. 9: 71-72 S '61.

RAILROADS—LABOR PRODUCTIVITY

A pledge must be fulfilled. Put' i put. khoz. 5 no. 6: 1 Je '61.

Preparing for the 22d Congress of the CPSU. V. S. Kukushkin, P. I. Spasiuk, U. IA. Koval'chuk. Put' i put. khoz. 5 no. 7: 2 Jl '61.

RAILROADS—MAINTENANCE AND REPAIR
(see also subdivision under Baladzhary, Lithuania)

From our practices of machinery maintenance. N. F. Bilushkov. Put' i put. khoz. 5 no. 7: 25 Jl '61.

Integrated brigades for track maintenance and repair. G. Z. Gogoladze. Put' i put. khoz. 5 no. 6: 10-12 Je '61.

Lesson taught by the experience of past years. B. F. Agapov. Put' i put. khoz. 5 no. 6: 6-7 Je '61.

Our suggestions. M. P. Ginzburg. Put' i put. khoz. 5 no. 7: 30-31 Jl '61.

Performing a larger volume of work in a shorter time. Put' i put. khoz. 5 no. 7: 3-7 Jl '61.

RAILROADS—MAKING UP TRAINS

Determining the effectiveness of making up shipper's special destination trains. P. M. Sergeev. Zhel.-dor. transp. 43 no. 9: 48-49 S '61.

Instead of being differentiated, the making up of shipper's special destination trains and long distance through freight trains should be correctly combined. R. V. Mezhova, V. P. Shul'ko. Zhel. dor. transp. 43 no. 8: 49-51 Ag '61.

RAILROADS—MANAGEMENT
(see also subdivision under Ural Mountain region)

For strict economy in spending. M. G. Soroka. Put' i put. khoz. 5 no. 6: 2-4 Je '61.

How to determine the indices of achieved work in percentages. Put' i put. khoz. 5 no. 6: 43-44 Je '61.

My remarks on the structure of our division. I. P. Samsonov. Put' i put. khoz. 5 no. 6: 14 Je '61.

Operation of diesel locomotives on lengthened overlapping haul distances. I. G. Pavlovskii. Zhel. dor. transp. 43 no. 6: 53-57 Ag '61.

Our methods for organizing the work of track inspectors. IA. F. Ivanov. Put' i put. khoz. 5 no. 6: 16 Je '61.

Our suggestions. M. I. Bystritskii. Put' i put. khoz. 5 no. 6: 15 Je '61.

Using consolidated brigades in railroad sections. I. O. Bol'shakov. Put' i put. khoz. 5 no. 6: 13-14 Je '61.

RAILROADS—PERIODICALS

Propaganda of advanced production practices in the "Railroad Transportation" journal. Zhel. dor. transp. 43 no. 8: 82-83 Ag '61.

RAILROADS—RAILS

Characteristics of laying 25-meter rails under severe climatic conditions. V. P. Novichkov. Put' i put. khoz. 5 no. 6: 36-37 Je '61.

Experience in the use of rail chairs with an expanded supporting area. V. IA. Litvinov, N. G. Kogan. Put' i put. khoz. 5 no. 7: 10-11 Jl '61.

Zarochentsev, G. V. [Ultrasonic control of the depth of rail surface hardening] Ul'trazvukovoi kontrol' glubiny poverkhnostnoi zakalki rel'sov. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soob., 1961. 49 p. (Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy, no. 216)

RAILROADS—RAILS—DEFECTS

Green light for the introduction of equipment for rail flow detection. A. M. L'vitsyn, M. A. Vasil'ev. Put' i put. khoz. 5 no. 6: 16-17 Je '61.

What helps and what hampers our work. I. A. Shatkovskii. Put' i put. khoz. 5 no. 7: 46 Jl '61.

RAILROADS—RAILS—WELDING

Is it possible to weld rails to the rail supports? V. N. Shepelev. Put' i put. khoz. 5 no. 6: 42 Je '61.

Make better use of welding equipment. I. F. Sharov, V. N. Kuznetsova. Put' i put. khoz. 5 no. 6: 26-27 Je '61.

RAILROADS—RATES

Improving the railroad transportation rates. A. P. Abramov, T. V. Eliseeva. Vest. TSNII MPS 20 no. 5: 52-55 '61.

Penalties or tariff rates? K. N. Malakhov, S. V. Shchedurskii. Zhel.-dor. transp. 43 no. 9: 89-92 S '61.

RAILROADS—REPAIR SHOPS
(see also subdivision under Otrozhka)

Russia (1923- U. S. S. R.) Glavnoe upravlenie lokomotivnogo khoziaistva. Proektno-konstruktorskoe biuro. [Catalog of equipment for locomotive shops] Katalog oborudovaniia lokomotivnykh depo. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia.

RAILROADS—ROLLING STOCK

Action of the wheels of electric locomotives (diesel locomotives, cars) on a track with nonuniform elasticity. M. P. Pakhomov. Vest. TSNII MPS 20 no. 5: 38-40 '61.

Industry-wide conference of specialists in rolling-stock maintenance. Zhel.-dor. transp. 43 no. 9: 80-81 S '61.

Results of laboratory and operational testing of experimental lubricants of bearing of the rolling stock in railroad transportation. I. D. Kore. Proizv. smaz. mat. no. 6/8: 126-132 '61.

RAILROADS—SAFETY MEASURES
(see also subdivision under Caucasus)

Public inspector of railroad traffic safety. A. A. Kudriavtsev. Put' i put. khoz. 5 no. 7: 11 Jl '61.

RAILROADS—SALARIES, PENSIONS, ETC.

Zakharenko, N. N. [Wages in railway transportation] Zarabotnaia plata na zheleznodorozhnom transporte. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 59 p. (V pomoshch' izuchaiushchim ekonomiku zheleznodorozhnogo transporta)

RAILROADS—SIGNALING

Kotliarenko, N. F. [Electric rail circuits] Elektricheskie rel'sovye tsepi. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 326 p.

RAILROADS—SIGNALING—BLOCK SYSTEM

Changing the automatic block system. IU. V. Kukushkin. Sbor. rats. predl. vnedr. v proizv. no. 5: 58-61 '60.

Coded rail circuit blocking with time division of coding in the adjacent track circuit. A. M. Bitykiev, D. K. Pugin, G. K. Efimov. Vest. TSNII MPS 20 no. 5: 3-8 '61.

RAILROADS—SNOW PROTECTION AND REMOVAL
(see also subdivision under Kazakhstan)

Machine for removing snow and debris from tracks. M. P. Podlesnov. Sbor. rats. predl. vnedr. v proizv. no. 5: 66-68 '60.

Snow remover for switches. I. M. Gel'per in, IU. K. Rol'shakov, G. S. Kriukov. Sbor. rats. predl. vnedr. v proizv. no. 5: 63-64 '60.

RAILROADS—STATIONS
(see also subdivision under Aktogay; Kiev)

Over-all expansion of railroad stations of main and industrial lines in industrial areas. I. I. Kukushkin. Vest. TSNII MPS 20 no. 5: 30-33 '61.

RAILROADS—SWITCHES
(see also subdivision under Dnepropetrovsk)

Electrification of switch point lamps. K. D. Belykh, K. R. Razumovskii. Sbor. rats. predl. vnedr. v proizv. no. 5: 65 '60.

Hinged crank switch locks. N. D. Telkovtsev, A. A. Strochkov, I. V. Potapov. Put' i put. khoz. 5 no. 7: 18-19 Jl '61.

Improve the quality of switches. A. M. Trofimov. Put' i put. khoz. 5 no. 6: 25 Je '61.

Mechanical switch detector bar. L. A. Pugach. Sbor. rats. predl. vnedr. v proizv. no. 5: 61-62 '60.

New designs of switches. Put' i put. khoz. 5 no. 6: 33 Je '61.

Rail frogs could have a longer service life. A. P. Utiuzh. Put' i put. khoz. 5 no. 7: 20-22 Jl '61.

RAILROADS—SWITCHING

New methods for the operation of switching locomotives. L. V. Odintsov. Zhel. dor. transp. 43 no. 8: 46-48 Ag '61.

RAILROADS—TIES

Experience in the use of tie pads. IU. A. Siniagin. Put' i put. khoz. 5 no. 6: 34-35 Je '61.

RAILROADS—TIES, CONCRETE

Effectiveness of creating track skeleton assembly units in the plants manufacturing reinforced concrete ties. R. N. Tartakovskii, A. I. Sheleliaev. Zhel.-dor. transp. 43 no. 9: 36-37 S '61.

Manufacture of reinforced concrete ties could be better and less expensive. P. K. Dubinskii. Zhel. dor. transp. 43 no. 8: 40-42 Ag '61.

RAILROADS—TIMETABLES

Russia (1923- U.S.S.R.) Glavnoe passazhirskoe upravlenie. [Timetable of passenger trains (abbreviated); summer 1961] Raspisanie dvizhenila passazhirskikh poezdov (sokrashchennoe), leto 1961 goda. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 259 p.

RAILROADS—TRACK

Action of the wheels of electric locomotives (diesel locomotives, cars) on a track with nonuniform elasticity. M. P. Pakhomov. Vest. TsNII MPS. 20 no. 5 38-40 '61.

Danilov, V.N. [Railroad track and its interaction with the rolling stock] Zheleznodorozhnyi put' i ego vzaimodeistvie s podvizhnym sostavom. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 110 p.

Decisions of the Committee for Railway Roadbed. Put' i put. khoz. 5 no. 7 39 Jl '61.

Effect of track stiffness on the running gear of cars. V. V. Abashkin and others. Zhel.-dor. transp. 43 no. 9 67-69 S '61.

Gulenko, N.N., and V.E. Gots. [Track machinery and mechanisms.] Putevye mashiny i mekhanizmy. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 319 p.

Increase for a smooth motion of high-speed trains. D.D. Pavlenko. Put' i put. khoz. 5 no. 7 16-18 Jl '61.

Use of hydraulic equipment for track alignment. S.I. Kolos, L.K. Cornis. Put' i put. khoz. 5 no. 7 14-15 Jl '61.

Arc-contact on the track. D.P. Belov. Put' i put. khoz. 5 no. 7 47-48 Jl '61.

Zor, L.I. [Equipment for areas used for training in track laying.] Oborudovanie uchebnogo poligona zheleznodorozhnogo puti. Moskva, Vses. uchebno-pedagog. izd-vo, Profizdat, 1961. 88 p. (Literatura po oborudovaniiu uchebnykh kabinetov)

RAILROADS—TRACKLAYING MACHINERY

New developments in the laying of long rail lengths. V.I. Lobanov. Put' i put. khoz. 5 no. 6 4-5 Je '61.

RAILROADS—TRAFFIC

[Masters of high speed train traffic] Mastera skorostnogo prodvizheniia poezdov. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 23 p. (Zheleznodorozhnik - Gordi Sotsialisticheskogo Truda)

RAILROADS—YARDS

Advanced work methods and new equipment in classification yards. G.S. Koshman, M.F. Kuchma. Zhel.-dor. transp. 43 no. 9 50-54 S '61.

New equipment and improvement in the work of the classification yard. N.N. Shabalin. Zhel.-dor. transp. 43 no. 9 30-34 S '61.

RAILROADS, INDUSTRIAL
(see also subdivision under Armenia)

Advantages of the use of diesel and electric traction on industrial railroads. I.A. Khokhlov. Zhel. dor. transp. 43 no. 8 71-76 Ag '61.

RAILROADS, INDUSTRIAL—MAINTENANCE AND REPAIR

Berliand, S.S. [Brief manual for the railroad worker in ferrous metallurgy] Kratkii spravochnik zheleznodorozhnika chernoi metallurgii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 231 p.

RAILROADS, SINGLE-RAIL

Express trains rush above the earth. N. Pavlov. Znan. ta pratsia no. 8 2-3 Ag '61.

RAILROADS, SUSPENDED

Urban suspension passenger transportation. S. Nazarov. Stroi. arkhit. 8 no. 7 10-11 Jl '61.

RAIN AND RAINFALL
(see also subdivision under Nizhnedevitsk District; Ukraine)

Analysis of conditions promoting considerable rainfalls during the passage of cold fronts over central areas of the European part of the U.S.S.R. in the warm part of the year. E.P. Domnikovskaia, I.I. Peshkova. Shor. rab. po sinop. no. 5 32-41 '60.

Establishing the distinctive characteristics of showers and thunderstorms in radar observations. N.F. Kotov. Trudy GGO no. 120 27-36 '61.

Some differences in the characteristics of thunderstorms and showers. K.F. Kramich, V.A. Solov'ev. Trudy GGO no. 120 52-58 '61.

Some results of radar observations on the nature of motion of the seats of origin of showers and thunderstorms. N.F. Kotov, Khe Zhui-tszian' [Ho Jui-chün]. Trudy GGO no. 120 45-51 '61.

RAKITNOYE DISTRICT—STOCK AND STOCKBREEDING

Readers suggest. F. Eroshkin, A. Avetikov. Vest. stat. no. 8 58-59 '61.

RAMAN EFFECT

Band intensity in Raman spectra and nature of the chemical bonds. IA. S. Bobovich. Opt. i spektr. 11 no. 2 161-166 Ag '61.

Concerning the theory of Raman scattering of waves on a rough surface [with summary in English]. F.G. Bass. Izv. vys. uchebn. zav., radiofiz. 4 no. 1 58-66 '61.

Frequency dependency of the line intensities in Raman spectra. L.I. Kondilenko, V.L. Strizhevskii. Opt. i spektr. 11 no. 2 262-263 Ag '61.

Intensity and line width of the Raman effect in α-quartz. V.G. Zubov, L.P. Osipova. Kristallografiia. 6 no. 3 418-425 My-Je '61.

Raman effect in crystals. L.N. Ovander. Fiz. tver. tela. 3 no. 8 2394-2400 Ag '61.

Raman spectrum of titanite (sphene), $CaTiOSiO_4$. IA. S. Bobovich. Opt. i spektr. 10 no. 3 418-420 Mr '61.

Relation between an absorption spectrum and the dependence of the Raman spectrum on the incident light frequency. L.N. Ovander. Opt. i spektr. 10 no. 3 420-421 Mr '61.

Study of Raman spectra at low temperatures. R.S. Lebedev, A.V. Sechkarev. Izv. vys. uchebn. zav., fiz. no. 3 62-65 '61.

Studying the indicatrix of the Raman effect. L.I. Kondilenko, P.A. Porotkov, V.L. Strizhevskii. Opt. i spektr. 11 no. 2 169-171 Ag '61.

Theory of the line intensities in Raman spectra. Part 2. Quantum model (taking anharmonicity and deviations from the Condon approximation into account). L.L. Krushinskii, P.P. Shorygin. Opt. i spektr. 11 no. 2 151-160 Ag '61.

RAMANUJAN AIYANGAR, SRINIVASA, 1887-1920

Life and work of the Hindu mathematician S. Ramanujan. V.I. Levin. Ist.-mat. issl. no. 13 335-378 '60.

RANGE FINDING

Crew of an aerial spotting plane on duty. N.A. Vishniakov. Vest. Vozd. fl. no. 7 53-55 Jl '61.

Determination of the coordination for range correction by means of a nomogram. A. Armizin. Voen. vest. 41 no. 5 115-116 My '61.

RARE EARTH BORIDES

Samsonov, G.V., and Iu.B. Paderno. [Rare-earth metal borides] Boridy redkozemel'nykh metallov. Kiev, Izd-vo Akad. nauk USSR, 1961. 92 p.

RARE EARTH CARBONATES—SPECTRA

Spectrophotometric study of carbonate complexes of rare earth elements. N.S. Poluektov, L.I. Kononenko. Zhur. neorg. khim. 6 no. 8 1857-1864 Ag '61.

RARE EARTH METALS

Determination of the first ionization potentials of atoms by the surface ionization method [with summary in English]. N.I. Ionov, M.A. Mitsev. Zhur. eksp. i teor. fiz. 40 no. 3 711-714 Mr '61.

Effect of rare earth elements of hydrogen solubility in liquid iron. A.M. Alkushev, V.I. Alvoiskii, Iu.V. Kriakovskii. Izv. vys. uchebn. zav. chern. met. 4 no. 7 41-51 '61.

Theory of spin-spin interactions in crystals containing rare earth ions. L.K. Aminov, A.K. Morocha. Fiz. tver. tela. 3 no. 8 2478-2481 Ag '61.

RARE EARTH NITRATES

Complexing in the system containing rare earth nitrates and tri- or dibutyl phosphate. Z.A. Sheka, E.F. Kriss. Zhur. neorg. khim. 6 no. 8 1930-1935 Ag '61.

RARE EARTH SILICATES

Rare earth silicates. Report No. 6. Phase diagrams of binary systems Sm_2O_3 - SiO_2 and Yb_2O_3 - SiO_2 and their comparison with previously studied rare earth silicates. N.A. Toropov, I.A. Bondar'. Izv. AN SSSR. Otd. khim. nauk no. 8 1372-1379 Ag '61.

RARE EARTHS

Kogan, B.I. [Studies of rare earths from the point of view of economic geology] Ekonomicheskie ocherki po redkim zemliam. Moskva, Izd-vo Akad. nauk SSSR, 1961. 439 p.

Rare earths in fluorites. O.G. Kozlova. Izv. vys. uchebn. zav., geol. i razv. 4 no. 7 75-77 Jl '61.

RASTUNOVO REGION—GARDEN CITIES

There will be a garden city here. B. Nikiforov. Sov. profsoiuzy no. 17 40-41 S '61.

RAUWOLFIA

Effect of ajmaline on auricular and ventricular arrhythmias in dogs [with summary in English]. E.I. Grendenshtein. Biul. eksp. biol. i med. 51 no. 4 71-75 Ap '61.

RAVENS see subdivision under Tajikistan

RAW MATERIALS see subdivision under Kazakhstan

RAYON INDUSTRY see subdivision under Erivan

RAYS (FISHES) see subdivision under Barents Sea; Norwegian Sea

RAZIN, STEPAN TIMOFEEVICH, d. 1671

Location of Stepan Razin's ancient settlement. A.A. Timoshenko. Sov. arkheol. 5 no. 3 303-306 '61.

RAZLKASHVILI, LUKA, 1861-1915

Barnov, Guram. [Folk sources in the poetry of Vazha Pshavela. Narodnye istoki poezii Vazha-Pshavela] Tbilisi, Akad. nauk Gruzinskoi SSR] 1960. 66 p. [In Georgian.]
(MR)

READING, PSYCHOLOGY OF

Psychological analysis of the first stage in teaching reading and writing [in Azerbaijani]. M.R. Abbasov. Trudy Azerb. gos. zaoch. ped. inst. 6 55-81 '59.

READING (ELEMENTARY)

Lipkina, A.I. [Development of thinking during lessons of explanatory reading] Razvitie myshleniia na urokakh ob"iasnitel'nogo chteniia. Pod red. N.A. Menchinskoi. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 162 p. (Pedagogicheskaia biblioteka uchitelia)

REBUSES

'Training one's wit'. Nauka i zhizn' 28 no. 7 105 Jl '61.

RECEPTORS (NEUROLOGY)

Change in the function of the skin receptors under the influence of ultraviolet rays in patients with microbial eczema. G.A. Ustinova. Trudy LSGMI 52 5-36 '60.

Function of the skin receptors in exposed and unexposed parts of the body. L.I. Ostrakova. Trudy LSGMI 52 59-69 '60.

Function of the skin receptors in patients with microbial eczema previously treated with X-rays. G.N. Burykina. Trudy LSGMI 52 151-156 '60.

Influence of ultraviolet rays on the function of skin receptors in healthy subjects. G.A. Ustinova. Trudy LSGMI 52 37-58 '60.

RECLAMATION OF LAND
(see also subdivision under Golodnaya Steppe; Kazakhstan, Turkmenistan; Yakhroma Valley)

[At the threshhold of the eighth grain harvest] Na poroge vos'mogo khleba. [Moskva, Izd-vo "Molodaia gvardiia," 1961] 15 p.
(DA)

RECONNAISSANCE, MILITARY see Military, Reconnaissance

RECONSTRUCTION

Kalegin, L.I. [Postwar struggle of the Communist Party for the reconstruction and development of the national economy from 1945 to 1953] Bor'ba Kommunisticheskoi partii za vosstanovlenie i razvitie narodnogo khoziaistva v poslevoennye gody, 1945-1953 gg. Izd. 2. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 94 p. (Tema XVI)

RECORDING INSTRUMENTS

Automatic setup for the simultaneous recording of weight and temperature [with summary in English]. A.T. Lisovenko, A.A. Mikhalev. Inzh.-fiz. zhur. 4 no. 9 98-101 S '61.

Instrument for the recording of the circulating load of a crushing machine. B.A. Kaplianskii. Obog. rud. 5 no. 4 35-40 '60.

Laboratory equipment for the automatic recording of the reduction kinetics of metal oxides. P.N. Ostrik, S.F. Rostovtsev. Izv. vys. uchebn. zav., chern. met. 4 no. 7 195-199 '61.

RECREATION

Recreation hour. Sov. shakht. 10 no. 9 48 S '61.

Recreation section. Znan. sila. 36 no. 8 54-55 Ag '61.

Recreation time. Sov. shakht. 10 no. 7 48 Jl '61.

Recreation time. Sov. shakht. 10 no. 8 46 Ag '61.

RECREATIONS, MATHEMATICAL see Mathematical recreations

RED SPIDER see subdivision under Tajikistan

REDUCTION, CHEMICAL

Reduction of copper ferrite $CuFeO_2$ with graphite. V.N. Bogoslovskii, N.M. Stefaeva, G.I. Chufarov. Dokl. AN SSSR. 139 no. 5 1105-1108 Ag '61.

Reduction of nitrocyclohexane. M.F. Abidova, A.S. Sultanov. Uzb. khim. zhur. no. 4 67-69 '61.

REDUCTION, ELECTROLYTIC

Cathodic reduction of copper oxide. V.P. Galushko and others. Zhur. prikl. khim. 34 no. 8 1819-1825 Ag '61.

Reduction of hydroxynaphthoic acids. Part 5. Indirect electroreduction of 2,1-hydroxynaphthoic acid. L.N. Lavrishcheva, N.M. Prykhtulgovskaia, V.N. Belov. Zhur. ob. khim. 31 no. 8 2762-2766 Ag '61.

REED (BOTANY)
(see also subdivision under Tajikistan)

Giant reed (Arundo donax) as a bank stabilizer of the Kara Kum Canal. M.P. Petrov. Izv. AN Turk. SSR. Ser. biol. nauk no. 1 17-20 '61.

REED PRODUCTS
(see also subdivision under Kherson, Kustanay Province)

Panel and frame-panel reed pressboard buildings. D. Gol'berg, S. Rendino, S. Serzhantov. Zhil. stroi. no. 8 17-18 Ag '61.

REFLECTION (OPTICS)

Theory of light reflection from a thin absorbing layer deposited on a metal A. Vasilchek. Opt i spektr 11 no. 2,212-247 Ag '61.

Theory of multi-layer asymmetric reflectors. P G Kard Opt i spektr. 10 no 3,384-389 Mr '61

REFLECTOMETER

Spectral reflection coefficients for coatings of thermal receivers of radiation for wavelengths ranging from 10 to 200 mc. B.P Kozyrev, M A Kropotkin. Opt i spektr 10 no 5:657-662 My '61.

REFLEXES

Characteristics of the reflex act and reception Report No 3 Cyclic reaction of respiration and blood pressure to stimulation of muscle receptors in the rabbit N N. Kulagin Trudy Kirov. otd Vses fiziol ob-va 1 no 1 3-14 '60

Characteristics of the reflex act and reception Report No 4 Reflex influences from muscle receptors of hind legs on the morphological composition of blood in rabbits. E.A Porfir'eva Trudy Kirov otd Vses fiziol ob-va 1 no 1 15-20 '60

Effect of the strength, frequency, and duration of individual stimuli on the inhibition of spinal reflexes T. K Iaseliani Soob. AN Gruz SSR 26 no 4 455-459 Ap '61

Effect of unconditioned food reflexes on cardiac rhythm activity under pathological conditions (diphtheria intoxication, acute disorders of coronary circulation, pharmacological influences) [with summary in English] B M Fedorov Biul. eksp. biol i med 51 no 5 33-36 My '61

Receptive field of the stepping reflex in dogs with transected spinal cord L N Deriabin Fiziol zhur 47 no. 8 1040-1045 Ag '61

Some aspects of the reflex regulation of vascular tonus in anaphylactic shock. Report No 2 Modification of depressor reflexes in lowering arterial pressure caused by anaphylactic shock [with summary in English] M F Shuba Biul eksp biol. i med 51 no 5 41-46 My '61

REFORESTATION

Il'in, G.P., and A. V. Usanov. [Machinery and equipment for the reforestation of cutover areas] Mashiny i orudiia dlia sozdaniia lesnykh kul'tur na vyrubkakh. Moskva, Goslesbumizdat, 1961. 95 p.
(DA)

REFORMATSKII REACTION

Part 10. By-products of the Reformatskii reaction. G. S. Grinenko, V I Maksimov, V I. Aksenova Zhur ob. khim. 31 no. 8 2735-2739 Ag '61

REFRACTION

Fluorine-containing β-sultones. Report No 10 Refraction values of a sulfonyl fluoride group G A. Sokol'skii, I L. Knuniants Izv AN SSSR. Otd. khim nauk no 8 1468-1471 Ag '61.

Optical reversibility principle and its application in the theory of thin-layer coatings P. G. Kaid. Opt i spektr. 11 no 2:237-241 Ag '61

REFRACTION, ASTRONOMICAL

Some considerations on the computation of refraction [with summary in English] A. A Mikhailov. Astron. zhur 38 no. 4:754-757 Jl-Ag '61

REFRACTION, DOUBLE

Cotton-Mouton effect in the region of the impurity absorption of light A F. Lubchenko Opt. i spektr. 10 no. 3: 379-383 Mr '61

REFRACTOMETER

Refraction by liquid hydrofluoric acid. S. S. Batsanov, IU. I. Vesnin. Opt. i spektr. 10 no. 6:808-809 Je '61.

REFRACTOMETRY

L. I.
114 '61.

REFRIGERATORS

Advice for using refrigerators. Obshchestv. pit. no. 6:39 Je '61

REFUGEES, IRANIAN—POLITICAL ACTIVITIES see subdivision under Soviet Central Asia

REFUGEES, RUMANIAN see subdivision under Uzbekistan

REFUGEES, WHITE RUSSIAN—POLITICAL ACTIVITIES
Byelorussian Liberation Movement. Manifesto. Manchester, England, 1960. 18 p. [In White Russian.]

REGENERATION (BIOLOGY)

Activation of cells after kidney injury [with summary in English] N. F. Semenova. Biul eksp biol i med 51 no 4 122-126 Ap '61

Changes in the liver in late stages of regeneration in rats [with summary in English]. Z. A. Riabinina Biul eksp biol i med 51 no 4 114-118 Ap '61

Effect of certain light conditions on the Wolffian regeneration of the crystalline lens in larvae of the newt Pleurodeles Waltlii. R. A Borsuk, V. V Popov. Dokl AN SSSR 139 no 6 1487-1490 Ag '61

Physiological regeneration in the mucous membrane of the small intestine of hypophysectomized rats [with summary in English] S. S Raitsina Biul eksp biol i med 51 no 4 110-114 Ap '61

Problem of regenerating rat parotid glands [with summary in English] A G. Babaeva, R S Bugrilova Biul eksp. biol i med 51 no 5 92-94 My '61.

Regeneration in central and peripheral parts of the cornea in gamma-irradiated mice. G. P. Gruzdev. Radiobiologiia 1 no. 3:407-411 '61.

Regeneration in Paleozoic corals. V. N. Dubatolov. Paleont. zhur no. 1:75-81 '61

Regeneration of cartilages during cultivation within the organism [with summary in English]. Z. S. Khlystova. Biul. eksp. biol. i med. 51 no. 4:118-121 Ap '61.

Regeneration of islet tissue under various nutritional conditions and in hypo- and hyperthyroidism [with summary in English] L. N. Kuleshova. Biul eksp biol i med 51 no 5 94-98 My '61

Studitskii, A. N., and Z. P. Ignat'eva. [Regeneration of muscles in higher mammals] Vosstanovlenie myshts u vysshikh mlekopitaiushchikh. Moskva, Izd-vo Akad. nauk SSSR, 1961. 190 p.

REGIONAL PLANNING see subdivision under Moscow Province

REGIONAL PLANNING—CONGRESSES

Shorten the time and lower the cost of planning and research operations M. Andreev, I Biriulin, A. Kondukhov Sel' stroi 16 no 7 23-24 Jl '61

REGISTERS OF BIRTHS, ETC.

Russia (1917- R. S. F. S. R.) Laws, statutes, etc.
Zapis' aktov grazhdanskogo sostoianiia; sbornik ofitsial'nykh materialov. Moskva, Gos. izd-vo jurid. lit-ry, 1961. 159 p.

REHABILITATION OF CRIMINALS

The results of indulgence IU. Feofanov Sots zakon. 38 no 9.61-63 S '61

REINDEER—DISEASES AND PESTS

Golosov, I. M. [Antibiotics in reindeer breeding] Antibiotiki v olenovodstve. [Krasnoiarsk] Krasnoiarskoe knizhnoe izd-vo, 1961. 33 p.
(DA)

REINFORCED CONCRETE
(see also subdivision under Novo-Sineglazovo; Pelagiada)

Elements for fastening crane rails to reinforced concrete beams. Biul stroi. tekh. 18 no. 7:37-38 Jl '61.

Manufacture of thin-walled latticed elements in molding units. L. Belousov, M. Davidan. Stroi. i arkhit. 9 no 7:21-22 Jl '61.

Reinforced concrete enriched with polymers and its prospects in urban development. S Davydov Arkhit. SSSR no. 6:13-14 '61.

Scientific and engineering activity of A. F. Loleit. A. E. Lopatto Izv. vys. ucheb. zav., stroi. i arkhit. 4 no 4. 177-187 '61

Strength and deformability of reinforced concrete with dispersed reinforcement under expansion and contraction. L. K. Luksha. Sbor. nauch. rab. Inst. bud. i arkhit. AN BSSR no. 4:47-52 '60.

REINFORCED CONCRETE CONSTRUCTION
(see also subdivision under White Russia)

Construction and anticorrosion treatment of reinforced concrete apparatus in the cellulose and paper industry. E A. Protosavitskaia. Mont. i spets. rab. v stroi. 23 no. 8 26-29 Ag '61.

Construction of reinforced concrete rectangular tanks for storing petroleum. E I. Ignatiuk. Stroi. truboprov. 6 no. 7.17-18 Jl '61.

Levanov, N. M. ed. [Design and erection of reinforced-concrete constructions] Proektirovanie i montazh zhelezobetonnykh konstruktsii. Pod red. N. M. Levanova. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 456 p.

Rossiiskii, V. A. [Precast reinforced-concrete retaining walls] Sbornye zhelezobetonnye podpornye stenki. Kiev. Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 157 p.

REINFORCED CONCRETE CONSTRUCTION—SAFETY MEASURES

Birman, A. E. [Manual on safety engineering for workers in plants manufacturing reinforced concrete articles and in the field; intended for the workers engaged in the preparation of concrete reinforcement] Pamiatka po tekhnike bezopasnosti dlia rabochikh zavodov zhelezobetonnykh izdelii i poligonov, dlia zagotovshchika armatury. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 9 p. (Tekhnika bezopasnosti)

REINFORCEMENT IN CONCRETE see Concrete reinforcement

RELATIVITY (PHYSICS)

"Critique of the foundations of the relativity theory" by A. K. Manev. Reviewed by M. A. El'iashevich, L. M. Tomil'chik, F. I. Fedorov. Usp. fiz. nauk 74 no. 4: 757-760 Ag '61.

Extension of the Kramers-Kronig formulae to spatial dispersion media [with summary in English] M. Leontovich. Zhur eksp i teor fiz. 40 no 3:907-912 Mr '61.

Philosophical evaluation of the special theory of relativity. L Janosi. Vop. filos. 15 no 9:86-104 '61

RELICS AND RELIQUARIES

[On the relics of saints] O sviatykh moshchakh; sbornik materialov. Moskva, Gos. izd-vo polit. lit-ry, 1961. 114 p. (Nauchno-populiarnaia bibliotechka po ateizmu)

RELIGION

Belinev, K. V. [Under the canopy of a temple; notes of a former priest] Pod sen'iu khrama; zapiski byvshego sviashchennika. Simferopol', Krymizdat, 1960. 103 p.
(MH)

Bezpal'chii, V. F. [Marxism-Leninism on the sources and the social role of religion] Marksyzm-leninizm pro dzherela ta sotsial'nyi zmist religii. Kyiv, 1961. 41 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. I, no. 1)

Defeat of Baptists. M. Vorob'ev. Sov. shakht. 10 no. 9:31-35 S '61.

Gorshkov, G. P. [Earth science and religion] Nauka o Zemle i religiia. Moskva, Izd-vo "Znanie," 1961. 32 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 12, Geologiia i geografiia, no. 15)
[MICROFILM]

Take them away from "God." I. Zhevagin Sov shakht 10 no 7 38-39 Jl '61.

[What the people say about religion; based on materials of Russian, Ukrainian and White Russian folklore] Narod o religii; na materialakh russkogo, ukrainskogo i belorusskogo fol'klora. Moskva, Gos. izd-vo polit. lit-ry, 1961. 311 p.

RELIGION—CONTROVERSIAL LITERATURE

Strumilin, S. G. [God and freedom; faith and unbelief] Bog i svoboda; o vere i neverii. Moskva, Gos. izd-vo polit. lit-ry, 1961. 95 p. (Nauchno-populiarnaia bibliotechka po ateizmu)

RELIGION—CONTROVERSIAL LITERATURE—BIBLIOGRAPHY see Bibliography—Religion—Controversial literature

REMOTE CONTROL

Automation and remote control of hydraulic and land-improving structures in the Golodnaya Steppe. L. M. IAroshetskii. Mat. po proizv. sil. Uzb. no. 15:332-336 '60.

Il'in, V. A. [Concerning the methodology for transmitting information and the structure of remote control systems of dispersed objects] O metodakh peredachi informatsii i strukture sistem telemekhaniki dlia rassredotochennykh ob"ektov. Moskva, 1960. 10 p. (International Federation of Automatic Control, 1st International Congress, Moscow, 1960 [Doklady, no. 46)]
[MICROFILM]

Motion-picture cameras with remote control. IA. L. Butovskii, L. G. Gol'shtein. Tekh kino i telev. 5 no. 8:36-38 Ag '61.

New technique of operating the South Golodnaya-Steppe Canal. V. A. Andreev and others. Mat. po proizv. sil. Uzb. no. 15:326-331 '60.

Remote control of the operation of flowing wells in the Zyrya area. R. R. Vezirov, G. S. Shelevoi, I. S. Boris. Azerb. neft. khoz. 39 no. 2:23-24 F '60.

Remote control switching of filters in a system with automatically controlled filter groups. S. M. Gurvich, B. A. Konstantinov. Elek sta. 32 no. 6:28-32 Je '61.

Transistorized steady-state trigger serving as an output relay in a contactless device used in remote control and telemetering systems. N. I. Kalatozishvili, M. V. Kedzharov. Trudy Inst. elek., avtom. i telem. AN Gruz. SSR 2:39-42 '61.

REMOTE CONTROL (Continued)
Wang Ch'uan-shan, Su Chih-t'an, and Wu Ch'i-hsien, [Contactless complex remote control system] Beskontaktnaia sistema telemekhaniki. Moskva, 1960. 6 p. (International Federation of Automatic Control, 1st International Congress, Moscow, 1960 [Doklady, no. 36)] [MICROFILM]

REPAIR AND SUPPLY STATIONS—ACCOUNTING see subdivision under Letichev District

REPIN, IL'IA EFIMOVICH, 1844-1930
All shades of laughter.... A. Davydova. Ogonek 39 no. 33:16 Ag '61.

REPTILES, FOSSIL see subdivision under Kyzyl-Say region (Orenburg Province); Orenburg Province

RESEARCH
(see also subdivision under Golodnaya Steppe)
Life requires it S. Kantenik. NTO 3 no. 9:11-14 S '61
[Review of the Student Scholarly Society of Kiev University] Visnyk Nauk. stud tov. Kyiv. un. no. 1 pt. 1 '60.
Vivid proof of the concern of the party for science. A. V Topchiev. Vest. AN SSSR 31 no. 8:17-21 Ag '61.

RESEARCH, INDUSTRIAL
(see also subdivision under Armenia; Gorkiy, Kuybyshev Province)
Active participants in communist development. V Kravchenko. NTO 3 no. 9 15-17 S '61.
In anticipation of the 22d Congress of the CPSU. Vest. vys shkoly 10 no 8:7-12 Ag '61
Needs of industrial production and the horizons of science. M. Agoshkov. NTO 3 no. 9-7-10 S '61.
Readers' letters. NTO 3 no. 9:58-59 S '61.
Strengthen cooperation between science and industry. I. Dindyk. NTO 3 no. 9:49-52 S '61.

RESEARCH, INDUSTRIAL—LABOR PRODUCTIVITY
Increasing the productivity of labor in technological research. G. A. Lakhtin. Izv. Sib. otd. AN SSSR no 8: 9-12 '61.

RESERPINE
Comparison of the mechanism of action of reserpine and certain tranquilizing agents (aminazine, diphacil, antiphenin, strophanthidin and sigetin) [with summary in English]. U Su-zhui [Wu Su-jui]. Biul. eksp biol i med 51 no 4:76-81 Ap '61.

RESERVOIRS
Building impoundage systems. F. Mikhailov. Sel'. stroi. 16 no. 7:24-26 Jl '61
Regular patterns and characteristics of the formation of the parasite fauna of fishes in reservoirs of lowland rivers in the European part of the U.S.S.R. [with summary in English]. V. P. Stoliarov. Zool. zhur. 40 no. 8:1125-1136 Ag '61.
[Results achieved and methods used in studying hydrogeological and engineering geological conditions of large reservoirs] Opyt i metodika izucheniia gidrogeologicheskikh i inzhenerno-geologicheskikh uslovii krupnykh vodokhranilishch. Pod red. G. S. Zolotarova, D. S. Sokolova i E. G. Chapovskogo. [Moskva] Izd-vo Mosk. univ.
Pts. 2-3 1961. 360 p. diagrs, maps.

RESHETNIKOV, FEDOR MIKHAILOVICH, 1841-1871
F. M. Reshetnikov's tale "The people of Podlipnaya." A. G. Bednov. Sbor. trud. Arkh. gos ped. inst. no. 3: 140-152 '59.

RESONANCE
Dancing watch. Nauka i zhizn' 28 no. 7:51 Jl '61.
Method of avoiding resonance vibrations of vibration machines after stoppage. I. I. Blekhman, B. P. Lavrov. Obog. rud 4 no. 3:39-42 '59.

RESONATORS, ELECTRIC see Electric resonators

RESPIRATION
Change in pulmonary ventilation in respiration under excessive pressure at high altitudes Voen.-med. zhur. no. 6:56-61 Je '61.
Changes in cardiovascular and respiratory activities following decortication [with summary in English]. K. P. Valitskii, N. V Il'chevich, O. E. Pridatko. Biul. eksp. biol. i med. 51 no 5:18-22 My '61.
Characteristics of the reflex act and reception. Report No. 3. Cyclic reaction of respiration and blood pressure to stimulation of muscle receptors in the rabbit. N. N. Kulagin. Trudy Kirov. otd. Vses. fiziol. ob-va 1 no. 1. 3-14 '60.
Hemodynamic studies during the respiration under excessive pressure [with summary in English]. IU. A. Vlasov. Biul. eksp. biol. i med. 51 no. 4:22-27 Ap '61.
Intensity of aquatic and atmospheric respiration in some marine crustaceans [with summary in English]. V. S. Ivelv, L. M. Sushchenia. Zool. zhur. 40 no. 9:1345-1353 S '61.
Mechanism of respiratory and circulatory reactions to the administration of chemical irritants into the mesenteric vessels [with summary in English]. V. I. Grachev. Biul. eksp. biol. i med. 51 no. 5:26-29 My '61.
Role of the balance of macroenergy compounds in the activities of the respiratory center [with summary in English]. V. M Karasik, S V Osipova Biul eksp biol i med 51 no 4 3-7 Ap '61.
Some features of cutaneous respiration in children of different ages. N M Petrun' Fiziol zhur 47 no 8, 939-941 Ag '61

RESPIRATORY ORGANS—DISEASES
Akademiia meditsinskikh nauk SSSR, Moscow. [Problems of influenza and acute respiratory diseases. Reports of institute proceedings] Problemy grippa i ostrykh respiratornykh zabolevanii Tezisy dokladov nauchnoi sessii Institutov. Moskva, Medgiz, 1959. 227 p (DNLM)

REST
The characteristics of active rest in aged subjects [with summary in English] S. A. Tanin Biul. eksp biol i med 51 no 5 3-7 My '61

RESTAURANTS, LUNCHROOMS, ETC.
(see also subdivision under Alma-Ata Province; Ashkhabad, Bryansk, Dresden, France; Kaluga, Karatal'skiy District; Kazakhstan; Kiev; Krasnoyarsk Territory, Leningrad; Mirnyy; Moscow, Teren'-Uzyak; Tiflis; Tyumen; Ventspils, Vilnius)
Fatal turkey. TS. Solodar' Ogonek 39 no. 34 30-31 Ag '61
Good lunchroom for each state farm, interview with V. S Zagulina, Member of the Board of the Central Union of Consumers' Cooperatives and Head of the Department of Public Food Service. Obshchestv pit no 6:8-9 Je '61
Letters to the editor. Obshchestv pit. no. 6:16-17 Je '61
Letters to the editor. Obshchestv. pit. no. 7:40-41 Jl '61.
The main criterion in production. A. Artem'ev Obshchestv. pit. no 6:18-20 Je '61
Mark up in public food service V. Roizman. Sov. torg. 34 no. 8 51-53 Ag '61
One-yem course for maitres d'hotel. A. Bokhrev. Obshchestv. pit. no. 7:43 Jl '61.
Readers' replies to Valia Mitiukova Obshchestv. pit. no 6:44-45 Je '61
A rural restaurant for 100 people. M. Balikhin. Obschhestv. pit. no. 7:20-23 Jl '61.
Smorgasbord. V. Blagorazumov. Obshchestv. pit. no 6, 49-50 Je '61.
Toward new frontiers. Obshchestv. pit. no. 7 1-4 Jl '61.

RESTAURANTS, LUNCHROOMS, ETC.—ACCOUNTING
Economic indices, the mirror of the whole work. A. Antsov. Obshchestv. pit no. 6:11-17 Je '61
Labor productivity and overhead expenses. IA. Orlov. Polit. samoobr. 5 no. 9:158-160 S '61.
Simplify and centralize accounting. Obshchestv. pit no 6:40-41 Je '61.

RESTAURANTS, LUNCHROOMS, ETC.—EMPLOYEES
Personnel is of the most importance in our work. Obshchestv pit no 6:1-2 Je '61

RESTAURANTS, LUNCHROOMS, ETC.—EQUIPMENT AND SUPPLIES
Combination cooker-boiler. A. Vyshelesskii, K. Glagolev. Obshchestv. pit. no. 7:47-49 Jl '61.
Food carts for selling hot breakfast and drinks. M. Pavlivker. Obshchestv. pit. no. 7:32-33 Jl '61.
Keeping records in supply stores IA. Sokolov. Obshchestv. pit. no 6:20 Je '61

RESTAURANTS, LUNCHROOMS, ETC.—MANAGEMENT see subdivision under Ussuriysk

RESUSCITATION
Role of the adrenopituitary system in the restoration of vital functions after clinical death [with summary in English]. M. G. Kolpakov. Biul eksp. biol. i med. 51 no. 4 32-39 Ap '61.

RETAIL STORES see Stores, Retail

RETAIL TRADE
(see also subdivision under Aksay; Alma-Ata Province; Ayaguz District; Beskargayskiy District; Buril District; Chkalovo District; East Kazakhstan Province, Iliyskiy District; Kaskelen District; Kazakhstan; Kellerovka District; Kustanay Province; Moscow; Taldy-Kurgan District; Transcarpathia; Virgin Territory)
[Trade abroad; organization, new methods, and equipment of trade and public food service.] Torg. za rub.; org., nov. metody, tekh. torg. i mass. pit. no. 9 '61.

RETAIL TRADE—ACCOUNTING
Del'ving, K. IU., and V. D. Sokolov. [Store's accounting and reports] Uchet i otchetnost' magazina. Moskva, Gos. izd-vo torg. lit-ry, 1961. 198 p.

RETAIL TRADE—FINANCE see subdivision under Ukraine

RETAINING WALLS
Rossiiskii, V. A. [Precast reinforced-concrete retaining walls] Sbornye zhelezobetonnye podpornye stenki. Kiev. Gos. izd-vo lit-ry po stroit i arkhit. USSR, 1961. 157 p.

RETIRED MILITARY PERSONNEL—EMPLOYMENT
In life and in bronze I. G. Andreev Vest. Vozd Fl. no 9:86-96 Ag '61
People with the army stamp S Trushin Komm. Vooruzh Sil 1 no 4 63-65 N '60
We carry out the decisions of the fourth session of the Supreme Soviet of the U S S R V. Kasatonov Komm Vooruzh Sil 1 no 2 12-16 O '60

REVOLUTIONARY POETRY, KAZAKH
Realistic poems on the revolt of 1916 [in Kazakh with summary in Russian] M Zharmukhamedov Izv AN Kazakh SSR Ser filol i fisk no 2 42-52 '61

REVOLUTIONS
Lenin, V. I. [Two tactics of the Social Democratic Party in a democratic revolution] Dve taktiki sotsial-demokratii v demokraticheskoi revoliutsii. [Leningrad] Gos. izd-vo polit. lit-ry, 1945. 102 p.

REWARDS (PRIZES, ETC.)
Decree of the Presidium of the Supreme Soviet of the U S S R , [in the Presidium of the Supreme Soviet of the U S S. R Nauka i zhyttia 11 no 7:10 Jl '61.
Rewards for participants in the Exhibition of National Achievements of the U S S. R in 1960 Mont i spets rab v stroi. 23 no 8 8-10 Ag '61.

REYNOLDS NUMBER
Deceleration of the motion of gas bubbles of soluble surface-active substances in the case of large Reynolds numbers and a high diffusion rate A. I Fedosov. Uch. zap kuib. gos ped. inst no 29,73-77 '59.

RHENIUM
Phase diagram of the aluminum - rhenium system E. M Savitskii, M A Tylkina, K B Povarova Zhur. neorg khim 6 no 8, 1962-1965 Ag '61
Rhenium as a catalyst of hydrogenation A A. Balandin, R. I Karpeiskaia, B. D. Polkovnikov Dokl. AN SSSR 139 no 5:1101-1104 Ag '61.

RHENIUM—METALLURGY
Investigating the autoclave method of preparing rhenium from potassium perrhenate. A N. Zelikman, V. F. Pritulo. Izv. vys. ucheb. zav.; tsvet. met. 4 no. 4:111-120 '61

RHENIUM SELENIDE
Molybdenum and rhenium diselenides IU M. Ukrainskii, A. V Novoselova Dokl AN SSSR 139 no. 5 1136-1137 Ag '61.

RHEOLOGY
Determining the rheologic law for an incompletely elastic solid for periodic processes in case of an elliptic hysteresis loop D I. Shil'krut. Izv. AN SSSR Otd. tekh. nauk. Mekh i mashinostr. no 4 141-146 Jl-Ag '61

RHEUMATIC HEART DISEASE
Ballistocardiogram of patients with subacute rheumocarditis with situs inversus viscerum. A. I Batrak. Klin. med. no. 7:141-142 '61.
Locking arteries in the valves in heart defects [with summary in English]. P. O. Ul'ianetskaia. Arkh. pat. 21 no. 9:42-47 '59.

RHEUMATISM
Pancreatic lesions in rheumatism. T. G. Khalafov. Izv AN Azerb SSR. Ser biol i med. nauk no. 5:139-149 '61

RHINOCEROS, FOSSIL see subdivision under Binagady region

RHIZOSPHERE MICROBIOLOGY
(see also subdivision under Altai Territory; Novosibirsk Province)
Interrelationships of soil protozoans with the rhizosphere of some farm crops [with summary in English]. IU. G. Gel'tser. Zool. zhur. 40 no. 9:1304-1313 S '61.

RHODAMINES
Dependence of the association of rhodamines on their molecular structure and the nature of the solvent L. V. Levshin, I. S. Lonskaia. Opt. i spektr. 11 no. 2:278-282 Ag '61.
Nature of the bonding forces in associated molecules of rhodamine 3B and rhodamine 6G in aqueous solutions and the effect of concentration and temperature on migration extinction. E. G Baranov, V L. Levshin. Opt. i spektr. 10 no. 3:362-367 Mr '61.
Secondary fluorescence of rhodamine C. L. A. Kravtsov, Dokl. AN BSSR 5 no 8:331-335 Ag '61.

RHODESIA—SALVINIA
Salvinia attacks. IU. Tomilin. Vokrug sveta no. 8:35 Ag '61.

RIABUSHKIN, ANDREI PETROVICH, 1861-1904

Maashkovtsev, N. G. Andrei Petrovich Riabushkin. Moskva, Izogiz, 1960. 1 v. chiefly illus. (Mastera russkogo iskusstva) (MII)

RIANNEL', TOIVO

From canvas permeated by warmth . Kazimir Lisovskii. Ogonek 39 no 35 8 Ag '61.

RIBS—TRANSPLANTATION

Fixation of the spine in tuberculous spondylitis by homotransplantation from the ribs D F. Kovalev. Ortop , travm. i protez no 6 12-14 '61

RICE

(see also subdivision under Kazakhstan; Syr Darya Valley)

Dao Tkhe Tuan. [Origin, systematics, and ecology of rice] Proiskhozhdenie, sistematika i ekologiia risa. Pod red. A. I. Belova. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1960. 82 p.

RICE—FERTILIZERS AND MANURES

Use of fertilizers in crop rotations which include rice K. I. Imangaziev, A. I. Khvan, Z. A Glebova Vest. sel'khoz. nauki [Kazakh] 4 no. 3 11-17 Mr '61

RICKETS see subdivision under Russia, Northern

RIFLES

"Zeroing in" a carbine N. N Bezdenezhnykh Vest protivovozd obor no 9 68 S '61

RIGA—BASKETBALL

"TTT," Mark Karpovich. Ogonek 39 no. 39-28-29 S '61.

RIGA—POLITICS AND GOVERNMENT

Control by the ordinary people. E. Baumanis. Sov. deput trud no 9.43-53 S '61

RIGA—SPORTS

Work of a sports group. V. I Molchanova. Sred spets. obr 8 no 8 52-53 Ag '61

RIGA, GULF OF—HYDROGRAPHY

The extremely low water level in the Gulf of Riga A A Pastors Trudy GOIN no 65 128-137 '61

RIGA, GULF OF—HYDROLOGY

Discharge of fresh water and advection of heat into the Gulf of Riga A A Pastors Trudy GOIN no 65 14-38 '61

RIGHT OF PROPERTY

Bespalova, A. I., and M. A. Vaksberg. [Legal protection of private property in the U. S. S. R.] Pravovaia okhrana lichnoi sobstvennosti v SSSR. Moskva, Gos. izd-vo jurid. lit-ry, 1961. 73 p.

Voloshin, N. P. [Property rights to collective farmers' farmsteads] Pravo lichnoi sobstvennosti kolkhoznogo dvora. Moskva, Gos. izd-vo jurid. lit-ry, 1961. 165 p.

RIKHTER, SVIATOSLAV TEOFILOVICH, 1914-

Del'son, V. Iu. Sviatoslav Rikhter. Moskva, Sovetskii kompozitor, 1960. 25 p. (V pomoshch' slushateliam narodnykh universitetov kul'tury. Besedy o muzyke)

RIMSKII-KORSAKOV, NIKOLAI ANDREEVICH, 1844-1908

[N. A. Rimskii-Korsakov; verbatim record of a lecture delivered by Georgii Polianovskii in the Hall of Columns in Moscow's House of Trade Unions] N. A. Rimskii-Korsakov; stenogramma publichnoi lektsii Georgiia Polianovskogo, prochitannoi v Kolonnom zale Doma Soiuzov v Moskve. Moskva, Vses. lektsionnoe biuro pri komitete po delam vysshei shkoly pri SNK SSSR, 1945. 21 p.

Solovtsov, A. A. [Rimskii-Korsakov; a popular sketch] Rimskii-Korsakov; nauchno populiarnyi ocherk. Moskva, Gos. muzykal'noe izd-vo, 1960. 311 p.

RING COMPOUNDS see Cyclic compounds

RIVERS

(see also subdivision under Central Black Earth region, Transcaucasia)

Effect of cultivation and soil improvement practices on the flow of rivers [with summaries in English, German, and French]. O. A. Potapov. Vest. sel'khoz. nauki 6 no. 8:121-126 Ag '61.

RIVERS—REGULATION

Selection of methods for regulating beds of rivers receiving waters of drainage systems V. A. Znamenskii Meteor i gidrol. no. 9 23-28 S '61.

ROACH (FISH)

(see also subdivision under Caspian Sea; Kirov Gulf)

Fat content of unfertilized eggs of rutting females in a spawning roach school. Iu. I. Cheprakova. Trudy sov. ikht. kom. no. 13 296-300 '61.

Materials on the food of roach larvae during the stage of mixed feeding. V. A. Grigorash. Trudy sov. ikht. kom no. 13, 348-352 '61.

Methods of observing young roach and bream in elementary populations. A N. Palusova. Trudy sov. ikht. kom. no. 13:471-479 '61.

ROAD MACHINERY

Simonenko, P. K., and others. [Handbook for road construction engineers] Spravochnik inzhenera-mekhanika, dorozhnika. Moskva, Nauchno-tekhn. izd-vo M-va Avtomobil'nogo transp i shosseinykh dorog RSFSR, 1961. 375 p

ROADS—DESIGN

Choosing the most economical direction for approaches IA. V. Khomiak Izv vys ucheb zav , stroi i arkhit 4 no 1 144-147 '61

ROCHELLE SALT

Effect of gamma-radiation on the linear dimensions of samples of molten quartz and Rochelle salt S Azizov, S V. Starodubtsev Izv AN Uz SSR Ser fiz -mat nauk 3:83-85 '61.

Electrostriction in Rochelle salt single crystals. A. A. Fotchenkov, I. S. Zheludev, M. P. Zaitseva, Kristallografiia 6 no 4 576-581 Jl-Ag '61.

Sound absorption in Rochelle salt near its lower Curie point O A Shustin and others Zhur eksp. i teor fiz 10 no. 3 979-980 Mr '61.

ROCHELLE SALT—ELECTRIC PROPERTIES

Effect of unipolarity on the electrical properties of Rochelle salt. K N Karmen Kristallografiia 6 no 3 426-431 My-Je '61

ROCK DRILLS

(see also subdivision under Kuban)

Breaking rock using bits reinforced with hard facing. G N. Dzhalil-zade. Azerb. neft khoz 40 no. 1 19-22 Ja '61

ROCK DRILLS—TESTING see subdivision under Bashkiria

ROCK SALT

Nuclear magnetic resonance in elastically deformed rock salt [with summary in English] V V. Lemanov Zhur eksp. i teor fiz. 40 no 3 775-779 Mr '61

ROCKEFELLER FAMILY

The role of Rockefellers' "charity funds" in the national economy and political life of the U. S A [with summary in English] S V. Voronin Vest LGU 16 no 17 49-52 '61

ROCKET PLANES

Rocket plane. G. G. Volkov. Vest. Vozd. Fl. no. 5 86-89 My '61

ROCKETRY

(see also subdivision under United States)

Path to outer space. V. Lutyi. Voen -ist. zhur. 3 no 8 25-36 Ag '61

ROCKETS (AERONAUTICS)

Kaznevskii, V. P. [Space rockets] Kosmicheskie rakety. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 122 p. (Biblioteka shkol'nika)

[Problems of rocket engineering; translations and surveys of foreign periodical literature] Vop. raket. tekh., sbor. perev. i obz inostr. period. lit. 11 no. 9 '61.

Radioastronomy observations of Soviet space rockets. V V. Vitkevich and others. Radiotekh i elektron. 6 no 9 1420-1431 S '61

ROCKETS (AERONAUTICS)—FUEL

Azernikov, V. Z. [From matches to rocket fuel] Ot spichki k raketnomu toplivu. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 142 p.

ROCKETS (AERONAUTICS)—MODELS

Pneumatic rocket "Shkol'nik " V. Vatletsov. Kryl. rod. 12 no 8 26 Ag '61

ROCKETS (ORDNANCE)

"Tales about "katiusha" by M. Sonkin. Reviewed by I. Prokhorkov. Voen. -ist. zhur 3 no 8:100-101 Ag '61.

Training apparatus in rocket units. M. Ladyzhenskii. Voen. vest. 41 no. 5 120-122 My '61

ROCKS—ANALYSIS

Radiometric analysis of rocks IU. A Vachnadze. Soob AN Gruz. SSR 26 no. 4 405-407 Ap '61

ROCKS—DENSITY see subdivision under Donets Basin

ROCKS—MAGNETIC PROPERTIES

Magnetic-fractional-mineralogical study of rocks. F. N. Efimov. Izv. AN SSSR Ser. geol. 26 no. 9:24-36 S '61.

ROCKS—PERMEABILITY

Determining the delay time for pressure recovery in jointy rocks. Ban Akosh. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 4 38-42 Jl-Ag '61

ROCKS—TESTING

Studying physicomechanical properties of rocks from the standpoint of their destruction by boring. I. G. Melikidze and others. Soob AN Gruz SSR 26 no. 5 579-584 My '61.

ROCKS, CRYSTALLINE AND METAMORPHIC see subdivision under Khram Valley

ROCKS, IGNEOUS

(see also subdivision under Alaverdi District; Gissar Range, Kazakhstan, Ural Mountains, Zeravshan Range)

Conditions of the formation and age of the erosion surface of ultrabasic rocks in the Lesser Caucasus Sh. I Alakhverdiev Dokl AN Azerb SSR 17 no 6 479-481 '61

Relation between the fluorite deposits and intrusive rocks of western Transbaikalia A D Shcheglov, M I Rozinov Dokl AN SSSR 139 no 5 1201-1204 Ag '61

ROCKS, IGNEOUS—NOMENCLATURE

Basic results of the discussion on the nomenclature of effusive rocks E. K. Ustiev. Izv. AN SSSR. Ser. geol. 26 no. 9 109-114 S '61.

Nomenclature of effusive rocks I. M. Speranskaia. Izv. AN SSSR Ser geol. 26 no 9 107-108 S '61.

Nomenclature of effusive rocks. T. IA. Goncharova. Izv. AN SSSR. Ser. geol. 26 no. 9 106-107 S '61.

ROCKS, SEDIMENTARY

(see also subdivision under Azerbaijan; Caucasus, Daghestan, Kara-Tau)

N. M. Strakhov, founder of the lithogenetic theory. A book review Izv. AN SSSR. Ser. geol. 26 no. 8 104-105 S '61.

RODENTIA

Regularity in populational changes of the steppe species of murine rodents. N. P. Kozlov. Vest. sel'khoz. nauki [Kazakh.] 4 no. 2 46-59 F '61.

ROLLERS (PRINTING)

Printing rollers made of plastic. IA. Korobov. Znan. ta pratsia no. 7:12 Jl '61.

ROLLING (AERODYNAMICS)

Stability and roll of a plane. G. S. Kalachev, M G. Kotik. Vest Vozd Fl. no. 5, 56-64 My '61

ROLLING (METALWORK)

Changing the system of rolling hexagonal sections. A. I Samoilov Sbor rats. predl. vnedr. v proizv. no. 5 26-27 '60

Experimental rolling of ingots by pairs on slabbing mills L V Andreiuk. Metallurg 6 no 8 24-25 Ag '61.

Formula for determining the average speed of deformation in rolling. P S Dobordzhgnidze. Soob AN Gruz. SSR 26 no 4 421-426 Ap '61

Hardening rods on a sinking mill G M Golodov, L. N. Derlabin Sbor. rats. predl vnedr v proizv no 5 30 '60

Investigating the process of strip rupture in continuous rolling mill stands V. N. Vydrin and others. Izv. vys ucheb. zav , chern. met 4 no. 7, 97-100 '61.

Method of determining specific friction forces in rolling. A. A. Presniakov, A A Vinnitskii Trudy Inst. fiz. fiz AN Kazakh. SSR 4, 100-101 '61.

Operating plate rolling mills. P I Berezhkov. Biul tekh -ekon inform. no 8 3-5 '61.

Plastic flow of metal in sizing-mill rolling I A Mamedov Izv AN Azerb SSR Ser fiz -mat i tekh. nauk no 6 21-30 '60

Potentialities of friction forces in rolling. A. A. Vinnitskii, A A. Presniakov Trudy Inst. fiz. fiz AN Kazakh SSR 1, 102-106 '61.

Pulse pickups for measuring the length of rolled shapes. V. M. Kotsar', N. N. Stepura. Sbor rats. predl vnedr v proizv. no. 5:25-26 '60

Shternov, M. M. [Roll-groove design for rolling angle steel] Kalibrovka uglovoi stali. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 54 p. (Obmen peredovym opytom)

Smirnov, V. S., V. D. Durnev, and N. P. Kashevskii. [Longitudinal rolling of periodic shapes] Prodol'naia periodicheskaia prokatka. Pod red. V. S. Smirnova. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 254 p.

ROLLING MILLS

(see also subdivision under Zhdanov)

Calculating the pressure on the cylinder of a coiling machine. A. V Tret'iakov, E. G Al'brekht, P. I. Solov'ev. Vest. mash. 41 no. 8, 39-42 Ag '61

Changes in the design of ribbed grooves. A. T. Rykadorov. Metallurg 6 no 8 21 Ag '61

Conference of rolling mill builders. Biul. stroi. tekh. 18 no. 7:41 Jl '61.

Fastening ropes to transfer carriages of a blooming mill. M. V. Sannikov, D. T. Shalakin Sbor. rats. predl. vnedr. v proizv. no. 5, 22-23 '60.

In rolling mills all over the country L. N. Gorodetskii and others. Metallurg 6 no. 8 25-28 Ag '61.

The S-102 mill for rolling drill blanks by sections V. V. Pervitskii Biul. tekh -ekon inform. no 8, 22-24 '61.

Ways to increase the efficiency of multihigh thin-sheet rolling mills. P. I Polukhin, IU. D. Zheleznov, V P. Polukhin. Izv vys ucheb. zav., chern. met 4 no. 7 101-104 '61.

ROLLING MILLS—COOLING

Using water-cooled brake shoes in screwdown gears of blooming mills. S. G. Kartanenkov. Sbor. rats. predl vnedr. v proizv. no. 5:20-21 '60.

NG MILLS—MAINTENANCE AND REPAIR
nditioning half-clutches in transmission of blooming
manipulators A A Liubinov Sbor rat predl
dr. v proizv. no 5-21 '60
ng-up cracks in the stand of a rail and structural
rolling mill N. S. Bazhanov Svar proizv no 8
Ag '61

NG MILLS—TECHNOLOGICAL INNOVATIONS
ging the control system for reciel drives. S. V Kar-
IU. K. Artamonov. Sbor rats predl vnedr v
izv. no. 5:27 '60
ging the design of the drum of transfer mechanisms.
P. Isaev Sbor rats. predl vnedr v proizv no 5
-29 '60
hanizing the removal of scale from under the roll
les of the 950 rolling mill S I Kholodov, M G
an'evskii. Sbor rats predl vnedr v proizv no 5
'60.
on shafts with changeable wobblers G. V Karpov
r. rats predl. vnedr v proizv no 5 29 '60

NG MILLS—TESTING
of coiled transducers for dynamometers IU TS.
onenko Trudy inst iad fiz AN kazakh SSR 4:95-
'61.

S (IRON MILLS)
bility of rolls on mills for the continuous cold rolling
hin sheet. P I Polukhin, IU D Zheleznov, V. P
ukhin. Izv vys uchebn. zav., chern met 4 no 7
-128 '61

S (IRON MILLS)—MAINTENANCE AND REPAIR
t of repeated built-up welding of iron mill rolls on
ir wear resistance. K. V. Bagrianskii, P. F Lavrik,
N. Kal'tanov. Svar. proizv no 8 15-17 Ag '61

NTICISM see subdivision under Germany

SHKINO REGION—OIL FIELDS—PRODUCTION
THODS
eral plan for the development of the Romashkino oil
ld and its introduction V A. Kalamkarov, A P.
ylov, F. A. Trebin Neft khoz 38 no 4 1-8 Ap
).

NG
hanized manufacture of cold roofing cement
roitel' no. 7:15 Jl '61

NG, CONCRETE
stressed channel slabs for roofs V. Buznitskii.
ol i arkhit. 9 no 8:21-22 Ag '61.
lity of new fasteners needed for corrugated asbestos
nent sheets. Biul. stroi. tekh. 18 no. 8:23 Ag '61.
ng of 7,000 rubles. IA. Tereshonok Na stroi. Ros.
7:9 Jl '61

S
rimental studies on composite roofing slabs with pre-
ssed reinforcement [with summary in English,
0]. L. A Lukashenko, I. O. Rokhlin. Visnyk AN A
SR no 3:35-38 '61
to build an asbestos cement roof. G. Blok, A. Lit-
ov. Stroitel' no. 7-29-30 Jl '61.

S, SHELL
gning reinforced concrete domes by the limiting
ilibrium method N V Akhvlediani. Issl po teor
ruzh. no 10:127-133 '61.
lichnov, G. I. [Calculation of latticed cylindrical
ls] Raschet setchatykh tsilindricheskikh obolochek.
kva, Izd-vo Akad. nauk SSSR, 1961. 110 p.

S, SUSPENSION
gning cable-suspended roofs [with summary in Eng-
, p. 70] L. G Dmitriiev. Visnyk AN A URSR no. 2:
35 '61.

CHINA, LIDIIA PETROVNA
re are such people. V. Novikov. Koop. Kazakh. 4
4:9-10 Ap '61.

V—INDUSTRIAL MANAGEMENT
the improvement of the administrative apparatus.
Zhuravlev. Sots. trud 6 no 8:128-129 Ag '61.

OV-ON-DON—AIRPORTS
is comfortable? V. Shipov. Grazhd. av. 18 no. 7:
Jl '61
ov follows the example of Tiflis. N. Klavin. Grazhd.
18 no 8 10-20 Ag '61.

OV-ON-DON—CANNING INDUSTRY—EQUIPMENT
D SUPPLIES
ribution of the workers of the "Smychka" Plant to
22d Congress of the Party. I. S. Telepin. Kons. i
prom. 16 no. 9:5-6 S '61.

OV-ON-DON—CONSTRUCTION INDUSTRY—LABOR
ODUCTIVITY
ntials for a growth in labor productivity in construc-
organizations of the Main Administration for Hous-
and Public Construction in the City of Rostov-on-
B. Segal'. Ekon. stroi no. 8:29-33 Ag '61.

ROSTOV-ON-DON—EMPLOYEES, TRAINING OF
Rostov follows the example of Tiflis. N Klavin Grazhd. av. 18 no 8 10-20 Ag '61.

ROSTOV-ON-DON—HOTELS, TAVERNS, ETC.
Is this comfortable? V Shipov Grazhd. av 18 no 7 23 Jl '61

ROSTOV-ON-DON—NEWSPAPERS—SECTIONS, COLUMNS, ETC.
They write . . and they don't write . . N Kalupina Teatr 22 no 9 152-153 S '61

ROSTOV-ON-DON—SOIL STABILIZATION
An engineer's resourcefulness. V. Popov Na stroi Ros. no. 7 10 Jl '61

ROSTOV-ON-DON—THEATER, OPEN-AIR
Summer theater in Rostov-on-Don. V. Anikin. Arkhit SSSR no. 6. 62-64 '61

ROSTOV PROVINCE—ANATOMY, PATHOLOGICAL
Pathological anatomy in Rostov-on-Don and in Rostov Province from 1917-1957. Sh. I. Krinitskii Arkh pat 21 no. 10 65-71 '59.

ROSTOV PROVINCE—PRODUCTION STANDARDS—RESEARCH
Organization of norms research work in enterprises of the Rostov Economic Council E Belov Biul nauch inform., trud i zar plata 4 no 7 13-46 '61

ROTATING BODIES
Hydrodynamic resistance of a liquid to the rotation of a partially immersed ring. I. B. T'Semerskii. PMTF no. 3:120 S-O '61.
Theory of critical speeds of rotating shafts [with summary in English] M M. Zateplkin. Ukr mat zhur. 13 no. 2:142-149 '61

ROTATING DISKS see Disks, Rotating

ROTATION OF CROPS see subdivision under Alma-Ata Province

ROTORS—VIBRATION
Lateral vibrations of rotating runners with different elastic solid supports I. S. Lisitsyn. Vest mash. 11 no 8 27-30 Ag '61

ROVEN'KI DISTRICT—METEOROLOGY, AGRICULTURAL—STUDY AND TEACHING
Meteorological and agroclimatological observations in schools M G Liubchenko. Rad. shk 40 no. 6 64-68 Je '61

ROVNO PROVINCE—CEMENT INDUSTRIES
Daily bread of the construction industry. M Levchenko. Znan. ta pratsia no. 8 4-5 Ag '61.

ROVNO PROVINCE—CHORAL SOCIETIES
Songs of the rejuvenated Polesye. H Serbin, H Denl'ianchuk Sots kul't. no 8-27-28 Ag '61

ROVNO PROVINCE—UKRAINIAN LANGUAGE—DIALECTS
Principal characteristics of the dialects in the southwestern districts of Rovno Province. H. F. Shylo Nauk zap. L'viv. derzh ped inst. 16:79-86 '60.

ROWING
Influence of rowing exercises on the cardiovascular system of older officers under sanatorium conditions E A Poruchikov. Voen -med zhur no 6:78-80 Je '61.

RUBBER
Mechanism of rubber reinforcement [with summary in English]. A I Lukomskaia. Koll. zhur. 23 no 4-428-437 Jl-Ag '61.
Statistical evaluation of the quality of natural rubber. O. V. Bykova, IU. B. Dubinker, A. I. Ershova. Kauch. i rez. 20 no. 8 12-16 Ag '61.

RUBBER—TESTING
Applicability of the Papkovich-Grodskii solution to the case of minor static deformation of rubber. V L Anulov Kauch i rez 20 no. 8:32-35 Ag '61.
Determining the coefficient of the resistance of rubber to low temperatures by the cantilever bending method. D. L. Fedlukin, N. V. Zakharenko. Trudy Nauch -issl inst. shin. prom. no 7:110-118 '60.
Evaluation of service life of protective rubbers. G. I. Brodskii and others. Trudy Nauch. -issl inst shin prom. no. 7:78-90 '60.
Further investigation of methodological problems concerning rubber fatigue tests. M. K. Khromov, L. S. Prias, M. M. Reznikovskii. Trudy Nauch -issl inst shin. prom. no. 7:5-20 '60.
Improved chamber for the laboratory tests of rubber for ozone resistance. M. M. Reznikovskii, N. P. Zverev, L. L. Denisova. Trudy Nauch. -issl. inst. shin. prom no. 7:135-139 '60.
Investigation of the fatigue life of monolithic and multistratous rubber under torsion. M. K. Khromov. Kauch i rez. 20 no. 8:24-28 Ag '61
Investigations on testing the tear resistance of rubber. A. I. Lukomskaia. Trudy Nauch. -issl. inst shin. prom. no. 7:21-27 '60.
Methods for determining viscoplastic properties of crude rubber and untreated rubber mixtures B I Gengrinovich Trudy Nauch. -issl inst. shin prom no 7:91-109 '60.
Testing rubber for aging under inert gas conditions I. A Antonova, and others. Trudy Nauch -issl inst shin prom. no 7:131-134 '60
Testing rubber for tensile properties at temperatures up to 300° C. M. K. Khromov, M. M. Reznikovskii Trudy Nauch. -issl. inst. shin. prom. no 7:119-130 '60

RUBBER—THERMAL PROPERTIES
States of aggregation of macromolecular compounds Part 9. Thermal dilatometry study of polychloroprene and natural rubber [with summary in English] R. L. Fel'dman Koll. zhur. 23 no 4 475-481 Jl-Ag '61

RUBBER, SYNTHETIC
Automatic control of the thickness of rubber sheets on calenders. IA IA Zil'vesti, I M. Starov Kauch i rez 20 no. 8 20-23 Ag '61
Machine for the continuous washing of polycondensation rubbers. I Z Polianskii Kauch. i rez 20 no. 8 19-21 Ag '61
Preparation of chlorosulfonylated polyethylene rubber mixtures which are near resistant and not susceptible to the aging in light and ozone. IU. F. Andrianov, I. K. Burova, S. E. Budlevskaia Kauch. i rez. 20 no 8 9-11 Ag '61
Production of synthetic rubber in countries of Western Europe G. F. Borisovich Khim prom no 8 582-587 Ag '61.

RUBBER, SYNTHETIC—TESTING
Changes in the structure of synthetic butadiene rubber subjected to the action of various factors M A Sultmov, Azerb. khim. zhur. no 1 31-38 '61.
Efficient laboratory method for determining the tendency of rubber mixtures for prevulcanization. A. L. Lukomskaia and others. Trudy Nauch. -issl. inst shin prom no. 7:154-167 '60.

RUBBER COATINGS
Increasing the wear resistance of sand pump parts by rubber coating. L. D. Kulikov, S. I. Popov. Obog. rud 4 no. 5-34 '59.

RUBBER INDUSTRY
In anticipation of the 22d Congress of the CPSU Kauch i rez. 20 no. 8:59-61 Ag '61.
"Introduction to rubber technology" [in English] by M. Morton. Book review Kauch. i rez. 20 no. 8 64 Ag '61.
News of science and equipment abroad. Kauch. i rez. 20 no. 8 61-63 Ag '61.

RUBBER INDUSTRY—EQUIPMENT AND SUPPLIES
Methods of selecting molds for vulcanizing presses. I V. Kodolov, A. F. Savel'ev. Kauch i rez 20 no. 8: 35-39 Ag '61.
Second conference on automation and mechanization of the basic technological processes in the rubber industry. I. M. Pumpianskii Kauch. i rez 20 no 8:55-57 Ag '61.

RUBBER INDUSTRY—PERIODICALS
Readers' conference. A. F Loginiseva. Kauch i rez. 20 no. 8.58 Ag '61.

RUBBER INDUSTRY—QUALITY CONTROL
Studying the organization of quality control in the rubber industry enterprises. E. Smirnova Biul nauch inform., trud i zar. plata 4 no 7 30-35 '61.

RUBBER TIRES see Tires, Rubber

RUBBERIZED FABRICS see subdivision under Hungary

RUBLEV, ANDREI, ca. 1360-1430
Iagodovskaia, A. T. [Andrei Rublev's "Trinity"] Andrei Rublev, "Troitsa," Moskva, Akad. khudozh. SSSR, 1960. 21 p. illus.
(MH)

RUDNYY—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
Let's improve our organizational and political work among construction workers. A. Anikin, B. Popov. Part. zhizn' no. 18:55-60 S '61.

RUG AND CARPET INDUSTRY see subdivision under Kzyl-Orda

RUGOSA see subdivision under Altai Mountains

RUINS see Excavation (Archaeology)

RUMANIA—DESCRIPTION AND TRAVEL
In the delta of the Danube. Wanda Wasilewska. Moskva 5 no. 8:163-173 '61.

RUMANIA—ECONOMIC CONDITIONS
On the path of happiness. Ogonek 39 no. 35:14 Ag '61.

RUMANIA—EDUCATION, HIGHER
Studying the experience of Soviet institutions of higher learning. I Murgulescu. Vest vys. shkoly 19 no 8: 41-42 Ag '61.

NIA—HISTORY

ow. Institut mezhdunarodnykh otnosheni. [Prob-s of modern and contemporary history] Voprosy ol i noveishei istorii. Moskva, IMO, 1959. 232 p. les.
(NNC)

radov, V. N. [Russia and the unification of the anian principalities] Rossiia i ob"edinenie rumyn-kh knizhestv. Moskva, Izd-vo Akad. nauk SSSR, 1. 329 p.

NIA—PETROLEUM INDUSTRY

oleum workers in the people's democracies ianik 5 no 8 33-34 Ag '60

NIA—STATISTICS

dent step of communism (from "Annual statistic PR., 1960). IU. Kolmov. Sots trud 6 no 8 159 Ag '61.

NIA—WATER RESOURCES DEVELOPMENT

rated utilization of water resources in the Rumanian ple's Republic. M. A. Kornishkin. Gidr. stroi. 31 8 51-52 Ag '61.

—MICROBIOLOGY

ented beet pulp as a source for enriching the gastro-stinal tract of cows with yeasts IU D Nechypor-o Visnyk sil'hosp nauky 3 no 1 89-90 Ap '60.

F

also subdivision under Crimea, Fergana, ennaya Steppe; Kazakhstan, Krasnoye Lake region, ya Almaatinka River)

deration of physicogeographical factors in estimat-the effect of forests on annual runoff in river ba-. P. F. Idzon. Trudy Lab lesoved 3:136-150

of cultivation and soil improvement practices on low of rivers [with summaries in English, German, French]. O. A. Potapov. Vest. sel'khoz. nauki 6 121-126 Ag '61.

of surface depressions on spring runoff in drainage ns. O. I. Kiselevskii. Trudy GGI no. 91:33-50 '61.

CONDITIONS

ov, V. F., and S. V. Rogachev. [There where the rds bloom] Tam gde tsvetut sady. [Moskva] Mosk. chii, 1961. 45 p.

EDUCATION see Education, Rural

ELECTRIFICATION

also subdivision under Mordovia)

of voltage for an electric power network feeding s and rural districts. N. S. Kanakin. Obshch g no. 4 95-112 '61

rning the determination of the future level of rification for nonindustrial purposes in rural dis-s P. IA Pirkhavka Obshch energ no 1.29-39

of the levels of electric power consumption on the es of rural electric power distribution networks Kanakin. Obshch energ no 4.62-73 '61

ric power in agriculture. P. N. Zhuraviev, K. E. kin. Biul. tekh. -ekon. inform. no. 8 63-66 '61.

FREE DELIVERY

tsov, M. I., and B. G. Varshavskii. [Organization rural delivery of mail and printed matter] Organiza-dostavki korrespondentsii i pechati na sele. rer. i dop. Moskva, Gos. izd-vo lit-ry po i radio, 1959. 47 p.

Let us prepared a gift for the party congress Vest. protivovozd obor. no 7 2 Jl '61

Let's systematically verify the execution of decisions P Barmov Komm Vooruzh Sil 1 no 2 25-29 Ja '61

Meeting the congress of our country's party Vest. Vozd Fl no 6 9 Ag '61

On guard at the air frontiers of the motherland Vest protivovozd obor no. 7 30-31 Jl '61

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History of the heroic deeds of our people ("History of the civil war in the U. S. S. R." Vol. 5. Reviewed by S Lipitskii). Komm. Vooruzh. Sil 1 no 7:88-93 Ap '61

How the working people of the U. S. A. struggled for peace and friendship with Soviet Russia, from 1918 to 1920. Submitted by I. M. Krasnov Ist. arkh 7 no 4: 19-43 Jl- Ag '61.

RUSSIA—ANTIQUITIES

Moscow. Gosudarstvennyi istoricheskii muzei. [Yearbook of the State Historical Museum] Ezhegodnik gosudarstvennogo istoricheskogo muzeia. Moskva, 1960. 182 p.

On the uses of the D'yakovo-type small weights. K. A. Smirnov. Sov. arkheol. 5 no. 3:45-55 '61.

RUSSIA—ARMED FORCES

Achievement of the people. F. Malykhin. Tyl i snab. Sov. Voor. Sil 21 no. 5 6-11 My '61.

The Armed Forces of the U. S. S. R. are ready to defend their country. A. Babakov. Komm. Vooruzh Sil. 1 no 2 78-86 Ja '61.

Defeding one's native land. V. A. Sudets. Vest. Vozd. Fl no. 6:1-7 Je '61

Great deed of the Soviet people. Vest. Vozd. Fl. no. 5: 1-5 My '61.

Guarding the achievements of the October Revolution. Komm Vooruzh. Sil 1 no. 2:3-7 O '60.

Guarding the great achievements of the Soviet people. Komm. Vooruzh. Sil 1 no. 3:9-14 F '61

How the Communist Party struggles for the high military preparedness of the Soviet Armed Forces. S. Poplavskii. Komm. Vooruzh. Sil 1 no. 2:73-78 O '60.

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Toward the acme of military craftsmanship. Komm. Vooruzh Sil 1 no 5 3-8 D '60

RUSSIA—ARMED FORCES—EDUCATION, NONMILITARY

Bakaev, N. V. [Influence of the party; notes on the Marxist-Leninist training of commissioned officers] Partiinoe vliianie; zametki o marksistsko-leninskoi podgotovke ofitserov. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 85 p. (V pomoshch' sekretariu partiinoi organizatsii)

What are the rules which govern the education of officers in the nonmilitary institutions of higher learning. Vooruzh Sil 1 no 4 83-84 N '60

RUSSIA—ARMED FORCES—FUEL

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Brief news of party and political work. Komm. Vooruzh. Sil 1 no 3 94-95 N '60

Brief news of party and political work Komm Vooruzh. Sil 1 no. 4;95-96 F '61.

Brief news of party and political work. Komm. Vooruzh. Sil 1 no 1 95-96 N '60

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Brief news of party and political work. Komm. Vooruzh. Sil 1 no. 6:94-96 Mr '61.

Brief news of party and political work. Komm Vooruzh. Sil 1 no. 6:95-96 D '60.

Brief news of party and political work. Komm. Vooruzh. Sil 1 no. 7;94-96 Ap '61

Brief news of party and political work Komm. Vooruzh. Sil 1 no. 17:93-95 S '61.

Changes in the structure of the party organizations of the Soviet Army and Navy. Komm. Vooruzh. Sil 1 no. 2 79-80 O '60.

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Follow-up of articles published in our periodical Vooruzh. Sil 1 no. 4:94 N '60.

Follow-up of articles published in our periodical. Komm Vooruzh. Sil 1 no 5:96 D '60.

Follow-up of articles published in our periodical. Komm. Vooruzh. Sil 1 no. 6:94 D '60.

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The leaders of political study groups. Komm Vooruzh. Sil 1 no 4 3-7 N '60.

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nprove the political education of military person- A Kopytin Komm Vooruzh Sil 1 no. 2 26-34 0

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al lectures in an officers' club. I Starov Komm. uzh. Sil 1 no 4 54-58 N '60

ial organs and the party and Communist Youth ue organizations of the Soviet Army and Navy n shunov. Komm. Vooruzh. Sil 1 no. 5;76-83 D

rs and sailors study historical documents. Komm. uzh. Sil 1 no. 4;52-55 F '61.

problems concerning our propaganda. F. Golikov. m. Vooruzh. Sil 1 no. 5,16-25 D '60.

rd a new intensification of party and political work e Soviet Army and Navy." Reviewed by G Belousov m Vooruzh. Sil 1 no 3 88-91 N '60

re extended our practical contacts with local party izations. V. Il'in Komm Vooruzh Sil 1 no. 6· Mr '61.

ust try to improve the work of party committees in tary academies in every possible way. E Tarasov, in. Komm Vooruzh. Sil 1 no 5 26-32 D '60.

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—ARMED FORCES—REGULATIONS

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ify bookkeeping and improve the style of work. lov'ev, A. Ovsiannikov. Tyl i snab Sov Voor. Sil o, 5.73-76 My '61.

—ARMY

r thoughts and deeds are for you, dear party! . protivovozd. obor. no. 8;3-6 Ag '61.

ev, Theodore. [In the shrine of battle glory; the sack detachments on the Caucasian Front from to 1917 and our regiment] V khram voiskovol y; kazach'i chasti na Kavkazskom fronte v -1917 gg. i nash polk. New York, 1956-60. os. in 1 v. (NN)

ev, Theodore. [On the banks of the Kuban] Na gakh Kubani. New York, 1955-1959. 17 nos. bd. v. (NN)

v, Theodore. [Our regiment during the revolution 17-1918] Nash polk v mesiatsy revoliutsii 1719-1918 ., prodolzhenie broshiur "V khram voiskovol ." New York, 1961. 5 nos. bd. in 1 v. NN)

achievements of the Communist Youth Leaguers. rebriakov, V. Klokov. Komm. Vooruzh. Sil. 1 ;37-39 Mr '61.

rsalds of progressive experience. V. Kolotukhin. m. Vooruzh. Sil 1 no. 17;55-58 S '61.

s meet the 22d Congress of the CPSU in a proper ner. Vest. protivovozd. obor. no. 8;2 Ag '61.

ations undertaken are being successfully fulfilled. . Osipov. Vest. protivovozd. obor. no. 8;41-43 '61.

rganizational and educational role of party organiza- s in the headquarters of military units has increased. lazhaev, A. Kotenev. Komm Vooruzh. Sil 1 no. 3· 12 N '60.

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ery opened fire. P. Medvedev. Komm. Vooruzh. 1 no. 7;63-65 Ap '61.

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Creative work of innovators. A. Vladimirov Tyl i snab Sov Voor. Sil 21 no 6 89-93 Je '61

Improvement in the technology of the fuel supply service. N. Nosenko. Tyl i snab Sov Voor Sil 21 no. 5·87-91 My '61.

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"Sergeants and petty officers, the direct leaders and educators of soldiers and sailors; a textbook" Book review. Komm. Vooruzh. Sil 1 no. 3,93 F '61.

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Carefully select and train personnel of rear units. I. Zakovorotnii. Tyl i snab. Sov. Voor. Sil 21 no. 5. 25-27 My '61.

A disciplinary action which could be avoided. A. Krasnov. Komm. Vooruzh. Sil 1 no. 3·63-65 N '60.

Future officers must have firm habits of command. V. S. Kholodul'kin. Vest. protivovozd. obor. no. 8;70-71 Ag '61.

A higher standard for the combined arms training of officers of the rear. A. Riazanskii. Tyl i snab. Sov. Voor. Sil 21 no. 5;28-32 My '61.

Methodological training of students. L. Z. Zil'berman, V. L. Politak-Braginskii. Vest. protivovozd. obor. no. 6;66-68 Je '61.

Serious illness; a sketch. A. Grishchenko. Komm. Vooruzh. Sil 1 no. 5;59-63 D '60.

Skillful teacher. N. N. Serzhanin. Vest. protivovozd. obor. no. 8;72-73 Ag '61.

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The first test. V. Muratov. Komm. Vooruzh. Sil 1 no 6· 58-60 Mr '61.

Follow-up of articles published in our periodical. Komm Vooruzh. Sil 1 no. 17·06 S '61.

How to prepare for the meetings of the Communist Youth League bureaux and to lead their discussions Komm Vooruzh Sil 1 no. 2 82-83 O '60.

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Secretaries should rely upon activists P. Mal'nik. Komm Vooruzh Sil 1 no. 3 65-67 N '60.

Should we organize party groups of "workshop-type" party organizations in battalion headquarters? Komm. Vooruzh Sil 1 no. 5 64-66 D '60

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What is the type of party organizations in the military units which are directed by the commanding officer of a regiment himself? Komm. Vooruzh Sil 1 no. 3;85 F '61.

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Twenty-five years as warehouse director. N. Klimenshkin. Tyl i snab. Sov. Voor. Sil 21 no. 7·67 Jl '61.

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RUSSIA—ARMY—UNIFORMS

Lessons for officers of the clothing supply service. V. Savel'ev. Tyl i snab. Sov. Voor. Sil 21 no. 5;45-47 My '61.

RUSSIA—CENSUS

Russia (1923- U.S.S.R.) TSentral'noe statisticheskoe upravlenie. [Size, composition and distribution of the U.S.S.R. population; concise results of the all-Union 1959 population census] Chislennost', sostav i razmeshchenie naselenia SSSR, kratkie itogi Vsesoiuznoi perepisi naselenia 1959 goda. Moskva, Gosstatizdat, TsSU SSSR, 1961. 63 p.

RUSSIA—CLIMATE

Climatic variations in the steppe and forest-steppe zones of the European part of the U.S.S.R. and their causes V. I. Duginov. Sbor rab Kursk. gidromet obser. no. 1 5-17 '60.

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Contribution of Leningrad metallurgy to exports. B Shaturnov Vnesh torg 41 no 8 33 '61

For the best production in the world V Sidorov, N Zverev Vnesh torg 41 no 8 31 '61

Organizing control over the quality of merchandise V Dolhatov Vnesh torg 41 no 8 35-37 '61

Riauzov, N. N. [Statistics of Soviet commerce] Statistika sovetskoi torgovli Moskva, Gosstatizdat, 1948 117 p.

Riauzov, N. N., and N. P. Titel'baum. [Trade statistics] Statistika torgovli. Izd. 4, perer. Moskva, Gosstatizdat TsSU SSSR, 1961. 326 p.

Some problems relating to commerce in ancient Russia in the light of numismatic data [with summary in English] V. M Potin Vest ist mir kul't no 1 67-79 II-Ag '61

Statute of the all-Union export-import association "Avtoeksport" Vnesh torg 41 no 9 31-35 '61

Statute of the all-Union export-import association "Traktoroeksport." Vnesh torg 41 no 8 15-16 '61

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RUSSIA—CONSPIRACY OF DECEMBER, 1825

The Decembrists and the institutions of higher education V. P. Solov'eva Sbor trud Arkh gos ped inst no. 4 185-211 '59

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New books issued by the publishing House of the Academy of Pedagogical Sciences of the R S F S R Prep ist v shkole 16 no 5 116 S-O '61

RUSSIA—ECONOMIC CONDITIONS

Building of communism and the prosperity of our people B. Sukharevskii Kommunist 38 no 14 11-26 S '61

Congress of conquerors. I. Shvets' and others. Znan. ta pratsia no. 10 1-5 O '61.

For a worthy welcome to the 22nd Congress of the CPSU Fiz v shkole 21 no. 3 1-3 My-Je '61

The genesis of capitalism in Russia [with summary in English, pp. 216-219]. S G Strumilin Vop ist no. 9 56-69 S '61.

Khromov, S. S. [How the CPSU struggled to carry out the decisions of the 20th Congress of the Communist Party; 1956-1958] Bor'ba KPSS za pretvorenie v zhizn' reshenii XX s"ezda partii; 1956-1958 gg. Otv. red. N. S. Shevtsov. [Moskva] Izd-vo Mosk. univ., 1961. 104 p.

Khudobin, A. I. [Great advantages of socialism] Velikie preimushchestva sotsializma. Pod obshchei red. F. V. Nosova. [Leningrad] Lenizdat, 1960. 35 p. (Besedy na politicheskie temy)

Labor achievements are for you, our party! Ogonek 38 no 26 8 Je '61

Moscow. Nauchno-issledovatel'skii ekonomicheskii institut. [United States is loosing the economic competition] SShA proigryvaiut ekonomicheskoe sorevnovanie. Moskva, Izd-vo ekon. lit-ry, 1961. 295 p.

Operation of the law of the preferential increase of the production of the means of production during the large-scale building of communism. V. A. Sidorov. Uch. zap. Kish. un., Mezhvuz. sbor. po polit. ekon. no 1 5-23 '60.

Our country prepares for the 22d Congress of the CPSU Lomm. Voorush Sil 1 no. 4; 3-8 F '61

The Soviet people are the builders of communism V. Cherednichenko Komm Vooruzh Sil 1 no. 6 77-84 D '60.

Time works for us. B. Leont'ev. Komm. Vooruzh. Sil 1 no 6 38-43 D '60.

Toward the 22d Congress of the CPSU. Biul tekh - ekon inform. no. 7 3-6 '61

The triumph of Marxism-Leninism Komm. Vooruzh. Sil 1 no. 7, 3-9 Ap '61.

"U. S. S. R. and United States; facts and figures." Reviewed by Z. Freikin. Geog v shkole 24 no. 5 90-91 S-O '61.

When did the first phase of communism in the U. S. S. R. begin? L. Georgiev Polit samoobr 5 no 9 96-98 S '61.

You will live under communism! [Un. nat. no. 9 3 S '61

RUSSIA—ECONOMIC GEOGRAPHY see Geography, Economic

RUSSIA—ECONOMIC POLICY

Aligned to the party with the heart! Vladimir Vil'nyi. Sov Ukr 11 no 9 3-7 S '61

The banner of our people's struggle for communism. Ukr ist. zhur. 5 no. 5 3-10 S-O '61

Bragev, M. V., ed. [Problems in national economic planning] Voprosy narodnokhoziaistvennogo planirovaniia, sbornik statei. Redkollegiia: Ilkina, A. S., Kozlov, L. A., Ozerov, V. K. Moskva, Mosk. Gos ekon in-t, 1958. 226 p.

Communism is our ultimate goal Polit samoobr 5 no 9 4-15 '61

Communism is the bright future of mankind Pozh delo 7 no 8 1-2 Ag '61

Creating the material and technical foundation for communism A. Anchishkov Sov profsoiuzy no 17 10-13 S '61

Documents of a great historical importance M. P. Ilyshchenko Nauka i zhizn' 11 no 7 1-2 Jl '61

Economic and technical foundations of communism. M. Bor. Part. zhizn' no. 18 9-16 S '61

Economic and technological foundation of communism S Tolkachev Polit samoobr 5 no 9 28-29 S '61

From coast to coast of the land of the Soviets Kommunist 38 no 11 71-78 S '61

From the first to the present day program of the party V Stepanov Kommunist 38 no 11 72-86 S '61

From the history of Soviet planning; submitted by I. I. Mezhlauk, A. A. Novikova Ist arkh 7 no 4 78-87 Jl-Ag '61

Great achievements of the seven-year plan M Sibilev Komm Vooruzh Sil 1 no 2 3-12 Ja '61

A great document of creative activities Part zhizn' no 17-3-9 S '61

Great interest and unanimous approval Komm Ukr 37 no 9 11-16 S '61

A great program. Stroi. i arkhit. Mosk 9 [i. e. 10] no 8 1 Ag '61.

A great program for people's happiness Fin SSSR 22 no 8 3-7 Ag '61

Great program of building a communist society. Nar. khoz. Kazakh. 19 no. 8 3-13 Ag '61

Great program of building communism Vest stat no 3 3-8 '61

Great program of the building of communism A. P. Kosul'nikov, M. V. Rybakov, F. I. Shchaznev Vop ist KPSS 5 no 5 3-19 '61

A guiding star Grazhd av. 18 no 8-2 of cover Ag '61.

High road to communism. Sots trud 6 no. 8 3-12 Ag '61.

Highway of humanity. IU V Borisov Nauka i zhizn' 28 no 9 1 5 Ag '61

Lofty goal. Znan ta pratsia no 9 1 S '61

Lokshin, E. IU. [Development according to plan and planning; on the law of planned development of the national economy and socialist planning] Planomernost' i planirovanie, o zakone planomernogo razvitiia narodnogo khoziaistva i sotsialisticheskom planirovanii. Moskva, Izd-vo "Znanie," 1961. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, Ekonomika, no. 15)

Magnificent and imposing plans. Belarus' 18 no. 9 1 S '61.

Main geomorphological problems in connection with the seven-year plan for economic development. P K. Zamorii Geog zhur no 1 3-11 '61

Majestic program of the building of communism. Uchet i fin v kolkhoz i sovkhoz 18 no 8 2-3 Ag '61

Milestones of a remarkable road. A. Pol'shchikov. Komm. Vooruzh. Sil 1 no 17-13-4 S '61

Moskalev, M. A. [How V. I. Lenin worked out the program of the Communist Party] Razrabotka V. I. Leninym programmy Kommunisticheskoi partii. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 175 p.

The most important documents of our party Sots zakon 38 no 9 3-6 S '61.

Mrachkovskaia, I. M. [V. I. Lenin's development of the theory of capital reproduction in the struggle against liberal populists and "legal marxists"] Razvitie V. I. Leninym teorii vosproizvodstva obshchestvennogo kapitala v bor'be protiv liberal'nykh narodnikov i "legal'nykh marksistov." Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 174 p. (NNC)

Our confident march toward communism Sots. kul't. no 8 1-3 Ag '61.

An outstanding document of our age. NTO 3 no. 9 1-6 S '61.

Pichugin, P. V. [How the policy of the CPSU has ensured the complete and decisive victory of socialism in the U. S. S. R. [Rol' politiki KPSS v obespechenii polnoi i okonchatel'noi pobedy sotsializma v SSSR. [Moskva] Izd-vo Mosk. univ., 1961. 76 p.

Present generation of Soviet people is going to live under communism! Geog. v shkole 24 no 5 1 S-O '61

Present generation of Soviet people will live under communism Sov. torg 41 no 8 1-6 Ag '61

Problems in creating the material and technical foundation for communism in the U. S. S. R. T Khachaturov Vop. ekon no. 9 3-13 S '61

A program enlightened by V. I Lenin's genius. F. Petrenko Kommunist 38 no 11 67-71 S '61.

Program for the development of the communist society. K. V Ostrovitianov. Vest AN SSSR. 31 no. 8 4 16 Ag '61.

Program of great accomplishments. Aleksandr Zharov Sov profsoiuzy no. 17-3-6 S '61

Program of great achievements Sov feder 21 no 8 1 Ag '61

A program of great works Sov. deput trud no 9 3-9 S '61

Program of people's happiness Znan ta pratsia no 9 2-3 S '61

Program of the building of communism Ekon gazeta 42 no 34 12 Ag '61

Proposed program of the CPSU on the creative development of Marxism-Leninism Pravda pobl Komm Ukr 32 no 9 17-26 '61

Soviet people are discussing the draft program of the Communist Party of the Soviet Union Sov. profsoiuzy and others. Ukr t fin sovkhoz i kolkhoz 18 no 5-6 S '61.

Suggested amendments for the proposed program of the CPSU Kommunist 38 no 11 86-90 S '61

Sukhotin, S. A. [Our inspiring time] Ozarshaia [from] Moskva, Izd-vo sovetskaia Rossiia, 1961. 111 p.

Tasks of the Crimean branch of the Geographical Society of the U. S. S. R. in the light of the decisions of the 22d Congress of the CPSU Trud Krym otd Geogr ob-va no 1 3-7 '57

Turetskii, Sh. IA. [Planning and problems of the national economy in France] Planirovanie i problemy narodnogo khoziaistva. Moskva, Izd-vo ekon. lit-ry, 1961. 290 p.

The U. S. S. R. shows the road to communism IU Ignatiev Polit samoobr 5 no 9 16-26 S '61

We live in a wonderful time Zemlia i shkola 16 no 9 1 Ag '61

We shall hasten the dawn of the bright tomorrow through work Ierzulla Abdullaev Sov profsoiuzy no 17 6-7 S '61

We shall live under communism. Znan sila 16 no 9 1 Ag '61

RUSSIA—EMIGRATION AND IMMIGRATION

How foreign toilers tried to help Soviet agriculture, from 1921 to 1925. Submitted by M. I. Rybinskii, G. IA Tarle Ist. arkh. 7 no. 4 51-73 Jl-Ag '61

RUSSIA—FEBRUARY REVOLUTION, 1917

The Bolshevik Party as the organizer of political strikes during the struggle against the Kornilov uprising D. M. Zol'nikov. Uch zap TGU no 37 17-33 '59

The Bolshevik Party as the organizer of Russian toilers for the struggle against the Kornilov uprising, a movement supported by imperialists, generals, and "social traitors" I. E Popov. Uch zap TGU no. 37 35-45 '59.

How the Provisional Government tried to reorganize the Russian Army. Submitted by D. V. Oznobishin. Ist arkh. 7 no. 4 88-112 Jl-Ag '61

The strikes of Russian workers in the autumn of 1917. D. M. Zol'nikov Uch. zap TGU no 37 47-70 '59.

RUSSIA—FOREIGN ECONOMIC RELATIONS—COMMUNIST COUNTRIES

Indissoluble friendship and fraternal cooperation of the U. S. S. R with the people's democracies G. I. Allakhverdov Izv AN Azerb SSR, Ser obshchestv. nauk no 4 51-65 '61.

RUSSIA—FOREIGN ECONOMIC RELATIONS—FINLAND

History of Soviet-Finnish relations; settlement of Soviet-Finnish economic relations at the Yur'ev Peace Conference of 1920. P I. Ikhalainen Uch. zap. Kar. ped inst. 10 79-91 '60

RUSSIA—FOREIGN ECONOMIC RELATIONS—JAPAN

"There is much to learn from them...." Ogonek 39 no. 35 1 Ag '61.

RUSSIA—FOREIGN RELATIONS

"For peace, disarmament, and the freedom of nations" by N S Khrushchev Book review. Komm Vooruzh Sil 1 no 2 90 Ja '61.

[illegible] 7

to 1960, a textbook] Mezhdunarodnye otnosheniia i vneshniaia politika SSSR, 1917-1960, uchebnoe posobie. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 607 p.

Peaceful coexistance and the class struggle IU. Popov Komm. Vooruzh. Sil 1 no 1 13-21 F '61

A
—FOREIGN RELATIONS (Continued)
Gradov, V. N. [Russia and the unification of the
nian principalities] Rossiia i ob"edinenie rumyn-
kikh knizhestv. Moskva, Izd-vo Akad. nauk SSSR,
31. 320 p.
e of reason. Ogonek 39 no. 33-2 Ag '61.

A
—FOREIGN RELATIONS—ASIA
aroused East; notes of Soviet journalists on N. S
ushchev's visit to India " Reviewed by I. IA Podko-
v. Nar. Azii i Afr no 2, 159-161 '61
of our times ("The awakened East; notes of Soviet
spapermen on N. S. Khrushchev's visit to India,
ma, Indonesia, and Afghanistan" by A. Adzhubei and
ers. Reviewed by V. Zakharchenko) Komm Vooruzh
1 no 3 86-90 F '61

A
—FOREIGN RELATIONS—CUBA
Vest Ogonek 39 no. 39-1 S '61.

A
—FOREIGN RELATIONS—INDONESIA
st friend of the Soviet Union Ogonek 39 no 25, 1
'61.
June 5th Moscow welcomed President Sukarno, a
ar friend from Indonesia. Ogonek 39 no. 24 1-5
'61.

A
—FOREIGN RELATIONS—JAPAN
first Russian mission to Japan. Submitted by A. A.
obrazhenskii. Ist. arkh 7 no 4 113-140 Jl-Ag '61

A
—FOREIGN RELATIONS—UNITED STATES
ortant talks and new hopes Ogonek 39 no. 24 1 Je
.
ogov, V. G. and N. N. IAkovlev. [The U. S. S. R. and
U. S. A. must live in peace, the past and present of
Soviet-American relations] SSSR i SShA dolzhny
' v miru; sovetsko-amerikanskie otnosheniia:
shlое i nastoiashchee. Moskva, Gos. izd-vo polit.
ry, 1961, 135 p.
na, June 3-4, 1960. Ogonek 39 no. 24:2-3 Je '61.

A
—GEOGRAPHY see Geography

A
—HISTORIOGRAPHY
ical evaluation of Lomonosov's historical works in
ssian historiography A. M Sakharov. Vest. Mosk
Ser. 9 Ist 16 no 5 3-18 S-O '61
et studies on the formation of the Russian central-
d state [with summary in English, pp. 210-221]
M. Sakharov. Vop. ist no 9 70-88 S '61.

A
—HISTORY
f notes. Vop. ist. no 9 175-177 S '61.
riev, S. S., ed. [Studies in the history of the
. S. R., from 1801 to 1904, a textbook for teachers]
erki istorii SSSR, 1861-1904; posobie dlia uchitelei.
kva, Gos. uchebno-pedagog. izd-vo M-va prosv.
SR, 1960. 445 p.
ev, Theodore [In the shrine of battle glory; the
sack detachments on the Caucasian Front from
4 to 1917 and our regiment] V khram voinskoi
ry; kazach'i chasti na Kavkazskom fronte v
4-1917 gg. i nash polk. New York, 1956-60.
ios. in 1 v.
(NN)
ov, S. M. [History of Russia from ancient times]
ia Rossii s drevneishikh vremen. Moskva, Izd-vo
al'no-ekon. lit-ry, 1959. 15 v.
(CLSU)
ng the history of the development of collective
is. I. M. Borisenko, R. G. Stol'nikova. Vest. AN
i 31 no. 6:124-127 Ag '61.

—HISTORY—PHILOSOPHY
din, IU. S., and E. G. Plimak. [Mr. Kohn studies the
slan soul. "] Mister Kon issleduet "russkii dukh, "
va, Izd-vo sotsial'no-ekon. lit-ry, 1961, 182 p.
liv fal'sifikatsii istorii)

—HISTORY—SOURCES
ials of the Leningrad Historical Archives relating
e labor movement on the eve of the abolition of
dom. R. E. Rutman. Ist. arkh 7 no. 4:209-223
g '61.
ader in the history of the U. S. S. R. from the ancient
od to the late 15th century." Reviewed by A. A.
in. Ist. arkh. 7 no. 4:242-246 Jl-Ag '61.
of the Archaeographic Section of the Department
listory of the Academy of Sciences of the U. S. S. R
2. Bem. Vop. ist. no. 9:126-130 S '61.

—HISTORY—STUDY AND TEACHING
experiment in teaching the history of the U. S. S. R.
e seventh grade. G. S. Shchenina Prep ist. v
ie 16 no 5:50-55 S-O '61.
dological instructions for tests on the history of
. S. S. R A. V Pavlov. Sred. spets. obr. 8 no. 8:
0 Ag '61.
ing some aspects of the program of the CPSU in the
se on the history of the U. S. S. R. in the tenth
A. IA. Kozlenko. Prep. ist. v shkole 16 no 5-
e- S-O '61.
f educational motion pictures during lessons on the
ory of the U. S. S. R. in the seventh grade. A. V.
marova. Prep. ist. v shkole 16 no. 6:56-59 S-O

RUSSIA—HISTORY—TEXTBOOKS
Do away with contradictions. V. N. Nefedov. Vop. ist. no. 9:209-213 S '61
"History of the U. S. S. R ," a textbook Reviewed by IA M Popov Prep ist v shkole 16 no 5-101-102 S-O '61

RUSSIA—HISTORY, MILITARY
How the Provisional Government tried to reorganize the Russian Army. Submitted by D. V. Oznobishin Ist. arkh 7 no 4 86-112 Jl-Ag '61
Work on military history of some societies of military science. Voen.-ist zhur. 3 no 8 110-116 Ag '61

RUSSIA—HISTORY, MILITARY—PERIODICALS
Conference of readers of "Voenno-istoricheskii zhurnal." Voen.-ist. zhur. 3 no. 8:116-123 Ag '61.

RUSSIA—INDUSTRIES
Bloknot agitatora (Leningrad). [Special issue 'Let's prepare for the 22d Congress of the CPSU] Spetsial'nyi vypusk 'Navstrechu XXII s"ezdu KPSS. [Leningrad, Lenizdat, 1961], 175 p.
"Chronicle of the seven-year plan." Submitted by V. P. Sydorenko and others. Ukr. ist zhur. 5 no 5 110-123 S-O '61
The epos of our workdays. V. Mezentsev Komm Vooruzh Sil 1 no 5:56-58 D '60
Factors determining the high rates of growth of socialist production. N. F. Ivanova. Trudy LIEI no 35:79-100 '61.
From coast to coast of the land of the Soviets. Kommunist 38 no. 14-71-78 S '61.
In the giant workshops of Soviet industry. A. Volodin. Komm Vooruzh Sil 1 no 3 54-55 N '60.
Matveev, B., and P. Morozov, comp. [Economics of industrial enterprises; visual aid] Ekonomika promyshlennykh predpriiatii, nagliadnoe posobie. [Moskva] Gos. izd-vo polit. lit-ry, 1961. 78 p.
The most important economic objective of the party and the Soviet people. IA. Chadaev. Sov. deput. trud. no. 9 17-22 S '61.
Quality, dependability and durability. N. Orlov, S. Starostin Kommunist 38 no 15-73-80 O '61.
Role of heavy industry in establishing the material and technical foundation of communism. D G Tsiporukha. Trudy SIMSKH no 23:93-104 '60.
Soviet Union in Paris Court. I. Trofimenko. Vnesh. torg. 41 no. 8 insert 8 p. '61.
Technological progress is the most important condition for the successful carrying out of the seven-year plan T. Zelotarev. Komm. Vooruzh Sil 1 no. 4 8-15 N '60
Work achievements are for you, our party! A. Grigor'ev, V. Borushko. Ogonek 39 no. 35 3 Ag '61.

RUSSIA—LITERATURES
Many have boarded ship.... Maksim Rylskii. Znamia 31 no. 9-10-12 S '61.

RUSSIA—MANUFACTURES
Let's turn out only good quality merchandise V. Beltchuk. Sov torg. 34 no. 8:29-31 Ag '61.

RUSSIA—MANUFACTURES—ACCOUNTING
Liberman, A. M. [Analysis of the economic operations of textile and light industry enterprises] Analiz khoziaistvennoi deiatel'nosti predpriiatii tekstil'noi legkoi promyshlennosti. Moskva Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 278 p.

RUSSIA—NAVY
In the struggle for the foremost warship V. Nikolaev Komm Vooruzh. Sil 1 no 2 59-61 Ja '61
We carry out the decisions of the fourth session of the Supreme Soviet of the U. S. S. R. V. Kasatonov Komm Vooruzh. Sil 1 no. 2-12-16 O '60.

RUSSIA—NAVY—OFFICERS
Let's carefully train the commanding officers of small warships. G. Kurov Komm. Vooruzh Sil 1 no. 3 43-46 N '60.
A young officer's first days aboard a warship. N. Belous Komm Vooruzh. Sil 1 no. 4 50-54 N '60

RUSSIA—NAVY—PETTY OFFICERS
Petty officers should follow the example of the best of them. A. Petrov. Komm. Vooruzh. Sil 1 no 5 70-74 D '60.
"Sergeants and petty officers, the direct leaders and educators of soldiers and sailors; a textbook." Book review. Komm. Vooruzh. Sil 1 no. 3:93 F '61

RUSSIA—NAVY—POLITICAL ACTIVITY
A conference on ideological work by mail. F. Kozlov. Komm. Vooruzh. Sil 1 no. 17:91-92 S '61.
How to organize the work of a propaganda group. V. Man'kov. Komm. Vooruzh. Sil 1 no 6:84-87 Mr '61.
Ideological training of sailors ensures success. V. Khalimov. Komm. Vooruzh. Sil 1 no. 3:62-64 F '61.
Popularizing the ideological legacy of Lenin. N. Kulakov. Komm. Vooruzh. Sil 1 no. 7:34-39 Ap '61.

RUSSIA—NAVY—SEA LIFE
A long voyage. L. Suslov. Komm. Vooruzh. Sil 1 no. 7: 71-74 Ap '61.
Strengthen shipboard housekeeping. K Polukhin Tyl i snab Sov Voor Sil 21 no 7 55-59 Jl '61

RUSSIA—NAVY—SUPPLIES AND STORES
Communists are in the lead K. Khalturinskii Tyl i snab Sov Voor. Sil 21 no 7 26-29 Jl '61.
Improve the work of fleet units in the rear. V Andreev Tyl i snab Sov Voor Sil 21 no 7 50-54 Jl '61

RUSSIA—NAVY—TRANSPORT SERVICE
Cargoes are delivered on time. Tyl i snab. Sov Voor. Sil 21 no 7 46-49 Jl '61

RUSSIA—POLITICS AND GOVERNMENT
Election, replacement, and responsibility of officials and deputies. V Nikolaev. Sov. deput. trud no 9 33-39 S '61.
[Gazette of the Supreme Soviet of the R. S. F. S. R.]. Ved. Verkh. Sov. RSFSR 5 no 37 S '61.
[Gazette of the Supreme Soviet of the R. S. F. S. R.] Ved. Verkh Sov. RSFSR 5 nos 38-40 S-O '61
[Gazette of the Supreme Soviet of the U. S. S. R.] Ved. Verkh Sov SSSR 19 nos 18, 23 '58, 20 nos. 12, 22 '57, 24 nos. 36-38 S '61.
[Gazette of the Supreme Soviet of the U. S. S. R.] Ved. Verkh. Sov. SSSR 24 nos 39-42 S-O '61
Lashin, A. G. [The political organization of society during the large-scale building of communism] Politicheskaia organizatsiia obshchestva v period razvernutogo stroitel'stva kommunizma. Moskva, Ob-va po rasprostraneniiu polit. i nauchn. znanii RSFSR, 1959. 41 p.
People are the makers of history Kommunist 38 no 11 3-8 S '61.
The socialist state belongs to all Soviet people. N. Aleksandrov Part zhizn' no. 19 13-20 O '61.

RUSSIA—POPULATION—STATISTICS
Pod"iachikh, P. G. [Population of the U. S. S. R.] Naselenie SSSR. Moskva, Gos. izd-vo polit. lit-ry, 1961. 189 p.

RUSSIA—RELATIONS (GENERAL) WITH ARAB COUNTRIES
Cultural and economic contacts between Russia and Arab countries in the first half of the 19th century, from the collection of Central Historical Archives in Leningrad A A Kaitsev Krat soob. Inst. nar. Azii no. 47 30-37 '61.

RUSSIA—RELATIONS (GENERAL) WITH BURYAT-MONGOLIA
How Russian culture has influenced the development of Buryat education, culture, and science N M Bil'taeva Trudy BKNII no 1 54-64 '59
Leading role of Russian workers in the socialist reformation of Buryat-Mongolia B M Mitupov, G. L. Sanzhiev Trudy BKNII no. 1 47-53 '59
Sessions devoted to the tercentenary of the incorporation of Buryat-Mongolia into Russia. Trudy BKNII no 1 9-12 '59.
To Comrade D. D Lubsanov, the director of the Buryat Scientific Research Institute of the Siberian Branch of the Academy of Sciences of the U. S. S. R. Trudy BKNII no 1 6 '59
To the Board of Directors, The Party Bureau, The Local Trade-Union Committee, and the Committee of the Communist Youth League of the Buryat Scientific Research Institute of the Siberian Branch of the Academy of Sciences of the U. S. S. R. Trudy BKNII no 1 8 '59
To the employees of the Buryat Scientific Research Institute. Trudy BKNII no 1 7 '59.
To the Presidium of the Supreme Soviet, the Council of Ministers, and the Province Committee of the CPSU of the Buryat A. S. S. R. Trudy BKNII no 1:3 '59.
To the Presidium of the Supreme Soviet, the Council of Ministers, and the Province Committee of the CPSU of the Buryat A. S. S. R Trudy BKNII no. 1 4-5 '59
Voluntary incorporation of Buryat-Mongolia into the Russian Empire and its progressive role E. M Zalkind Trudy BKNII no. 1:13-20 '59

RUSSIA—RELATIONS (GENERAL) WITH CHINA
Soviet-Chinese scientific relationships. I. N. Kiselev. Iz ist. nauki i tekh. v stran. Vost. no. 1 7-33 '60.
We give serious consideration to the study of the Soviet Union's experience. Liu K'ai-feng Vest. vys. shkoly 19 no. 8:21 Ag '61.

RUSSIA—RELATIONS (GENERAL) WITH COMMUNIST COUNTRIES
Russian neologisms during the era of the Great October Revolution in the languages of the countries of the people's democracies A. M. Rot. Dop. ta pov UzhDU. Ser. filol. no. 2:108-112 '58.

RUSSIA—RELATIONS (GENERAL) WITH CYPRUS
On the island of Aphrodite. Boris Tartakovskyi. Znan. ta pratsia no. 8:22-24 Ag '61.

RUSSIA—RELATIONS (GENERAL) WITH GEORGIA
[Chronicle of friendship between the Georgian and Russian peoples from ancient times to the present; literary works, documents, letters, memoirs, articles] Letopis' druzhby gruzinskogo i russkogo narodov s drevnikh vremen do nashikh dnei; khudozhestvennye proizvedeniia, dokumenty, pis'ma, memuary, stat'i. Tbilisi, Izd-vo Soiuza pisatelei Gruzii "Zaria Vostoka."
Vol. 1, 1961. 573 p.
Vol. 2, 1961. 605 p.

RUSSIA—RELATIONS (GENERAL) WITH GREAT BRITAIN

Ashes and grasses. Galina Shergova. Ogonek 39 no 26 11-13 Je '61.

RUSSIA—RELATIONS (GENERAL) WITH HUNGARY

In the country of our friends. B. Martynov. Sov. shakhi 10 no. 6 37 Ag '61.

Our Hungarian friends say: "Your accomplishments arouse our admiration." Sov profsoiuzy no 17:9 S '61

RUSSIA—RELATIONS (GENERAL) WITH INDIA

From the history of Russian-Indian scientific relationships. M.I. Radovskii. Iz ist nauki i tekh. v stran. Vost. no.1 135-146 '60

Indian scientists at the celebrations of the two-hundredth anniversary of the Academy of Sciences of the U.S.S.R. M.I. Radovskii Iz ist. nauki i tekh v stran Vost. no.1 147-154 '60

Soviet-Indian scientific relationships. S.G. Korneev. Iz ist. nauki i tekh. v stran. Vost. no 1 155-172 '60.

RUSSIA—RELATIONS (GENERAL) WITH ITALY

Italian economists in the U.S.S.R. N. Vasilkov. Vop. ekon. no. 9:166 S '61

RUSSIA—RELATIONS (GENERAL) WITH JAPAN

Among Japanese friends I Vladychenko Sov shakht 10 no 7 41-42 Jl '61.

RUSSIA—RELATIONS (GENERAL) WITH THE CATHOLIC CHURCH

"Russia and the Papacy" [in German] by Eduard Winter. Reviewed by Ionas Rozner. Sov. Ukr. 11 no. 9 178-180 S '61.

RUSSIA—RELATIONS (GENERAL) WITH THE EAST

Scientists of Oriental countries, members of the Academy of Sciences of the U.S.S.R. A.T. Grigor'ian. Iz ist. nauki i tekh. v stran. Vost. no. 1 467-473 '60

RUSSIA—RELATIONS (GENERAL) WITH THE UNITED STATES

How the working people of the U.S.A. struggled for peace and friendship with Soviet Russia, from 1918 to 1920. Submitted by I. M. Krasnov. Ist. arkh 7 no 4, 19-43 Jl-Ag '61.

"I had a Russian camera..." A Zak. Sov foto 21 no 8,37 Ag '61

"Visit to a different world..." E Ingin. Sov. foto 21 no 8:25 Ag '61

RUSSIA—REVOLUTION, 1917-1921

(see also subdivision under Buryat-Mongolia; Chukchi Peninsula; Georgia, Kazakhstan, Kuban; Leningrad, Lugansk Province; Siberia; Soviet Far East; Ukraine, Ul'yanovsk Province)

Agrarian program of the Bolsheviks and the revolutionary movement of peasants from February to October 1917. P. T. Gubenko Trudy SIMSKH no. 23:28-50 '60.

Conference on military science. K. Telegin. Voen.-ist. zhur. 3 no. 7 124-126 Jl '61

Delegate from the front. I. Os'mov. Ogonek 39 no. 34:24 Ag '61.

Eliseev, Theodore. [On the banks of the Kuban] Na beregakh Kubani. New York, 1955-1959. 17 nos. bd. in 1 v.
(NN)

Elyseev, Theodore. [Our regiment during the revolution in 1917-1918] Nash polk v mesiatsy revoliutsii 1917-1018 godov, prodolzhenie broshiur "V khram voiskovoi slavy." New York, 1961. 5 nos. bd. in 1 v.

Vargin. Voen.-ist.

niversary
'abov.

"Soviet posters during the civil war, from 1918 to 1921" by B. S. Butnik-Siverskii. Reviewed by S. K. Hutians'kyi, Z. V. Lashkul. Ukr. ist zhur. 5 no 5:139-141 S-O '61.

Struggle of the Bolsheviks against the soldiers of standing armies during the February Revolution Trudy SIMSKH no 23 17-27 '60

RUSSIA—REVOLUTION, 1917-1921—FICTION

The Great October Revolution and Soviet Russian literature. N. P. Kozlov Dop. ta pov. UzhDU Ser. filol no. 2 23-25 '58

RUSSIA—REVOLUTION, 1917-1921—REGIMENTAL HISTORIES

Sukhorukov, V. T. [The 11th Army in battles for the Northern Caucasus and Lower Volga regions (1918-1920)] XI armiia v bolakh na Severnom Kavkaze i Nizhnei Volge, 1918-1920 gg. Moskva, Voen. izd-vo obor. SSSR, 1961. 286 p.

RUSSIA—REVOLUTION OF 1905

How to guide a group in studying the theme" The Bolshevik Party during the Revolution of 1905-1907 " R Sidel'skii Komm Vooruzh Sil 1 no 4:71-75 F '61

RUSSIA—STATISTICS

Russia (1923- U.S.S.R.) TSentral'noe statisticheskoe upravlenie. [National economy of the U.S.S.R. in 1960; statistical yearbook] Narodnoe khoziaistvo SSSR v 1960 godu, statisticheskii ezhegodnik. Moskva, Gosstatizdat TsSU SSSR, 1961. 942 p.

Second year of the seven-year plan ("The U.S.S.R. in figures," Reviewed by R. Mikhailova). Sots trud 6 no. 8 152-156 Ag '61

RUSSIA, NORTHERN—GUIDEBOOKS

"Across the north; guidebook" by V. M. Malkov, V. A. Mineev. Reviewed by V. Gorovoi. Geog. v shkole 24 no. 5:93 S-O '61

RUSSIA, NORTHERN—HISTORY—SOURCES

Unknown documents of the 16th century. Submitted by S. O. Shmidt. Ist arkh 7 no 4:149-158 Jl-Ag '61

RUSSIA, NORTHERN—INDUSTRIES

Slavin, S. V. [Developing industry and transportation in the northern part of the U.S.S.R.] Promyshlennoe i transportnoe osvoenie Severa SSSR. Moskva, Izd-vo ekon. lit-ry, 1961. 301 p.

RUSSIA, NORTHERN—NATIVE RACES

Murav'ev, V. B. [Stakes of forgotten paths] Vekhi zabytykh putei. Moskva, Gos. izd-vo geogr. lit-ry, 1961. 61 p. (Zamechatel'nye geografy i puteshestvenniki)

RUSSIA, NORTHERN—NATURAL RESOURCES

Problems of the utilization of the natural resources of the northeastern part of the U S S R. G. I Granik Izv. Sib. otd AN SSSR no. 7:3-12 '61.

RUSSIA, NORTHERN—RICKETS

Rickets in children in the Far North [with summary in English] S. M Gershkovich Vop okh. mat i det 6 no. 7:82-88 Jl '61.

RUSSIA, NORTHERN—SOILS

Garkusha, I. F. [Soils of the tundra zone; lectures for students of the department of agriculture] Pochvy tundrovoi zony, lektsii dlia studentov agronomicheskogo fakul'teta. Gorki, M-vo sel'. khoz. SSSR, 1959. 12 p.

RUSSIA, NORTHERN—TRANSPORTATION

Slavin, S. V. [Developing industry and transportation in the northern part of the U.S.S.R.] Promyshlennoe i transportnoe osvoenie Severa SSSR. Moskva, Izd-vo ekon. lit-ry, 1961. 301 p.

RUSSIA, NORTHERN—WINDS

Breeze circulation on shores of the marginal seas of the Soviet Arctic. V. M Shapaev Trudy GGO no 123 70-78 '61.

RUSSIA, NORTHERN—WORMS, INTESTINAL AND PARASITIC

Helminths in man under conditions of the Far North. I. M. Karkalitskii Voen.-med. zhur. no. 6,77 Je '61

RUSSIA, NORTHWESTERN—CORN (MAIZE)

Total evaporation and transpiration of corn. V. F. Pushkarev. Trudy GGI no. 9:132-151 '61.

RUSSIA, NORTHWESTERN—HERRING

Relation between the fecundity and fatness of fish and the variability of egg size in clupeids. L. E. Anokhina. Trudy sov. ikht. kom. no. 13:290-295 '61.

RUSSIA, NORTHWESTERN—WHITEFISHES

Basic environmental factors determining the abundance of the whitefish Coregonus albula L. V. V. Pokrovskii. Trudy sov. ikht. kom. no. 13:228-234 '61.

RUSSIA, SOUTHERN—BEADS—CLASSIFICATION

Classification of the sixth - ninth century beads of southeastern Europe. V. B. Deopik. Sov arkheol. 5 no. 3: 202-232 '61.

RUSSIAN DRAMA—HISTORY AND CRITICISM

The artist and the times. A Salynskii Teatr 22 no 9 36-42 S '61

RUSSIAN LANGUAGE

Stepanov, A. V. [History of the Russian literary language] Istoriia russkogo literaturnogo iazyka, uchebno-metodicheskoe posobie dlia studentov-zaochnikov III-IV kursov. Izd. 2., dop. [Moskva] M-vo vysshego i srednego spetsial'nogo obrazovaniia RSFSR, 1961. 79 p.

RUSSIAN LANGUAGE—AFFIXES

Suffixal formation of nouns M V Syromiia Sbor trud Arkh gos ped inst no 3 171-184 '59

RUSSIAN LANGUAGE—COMPOSITION AND EXERCISES

Practical significance of a composition as an important factor in the development of student's speech I. I. Kulibaba. Dokl APN no 1:45-48 '61

RUSSIAN LANGUAGE—CONVERSATION AND PHRASE BOOKS—JAPANESE

[Russian-Japanese phrase book] Russko-iaponskii razgovornik Sost. A. S Kolomiets. Moskva, Izd-vo lit-ry na inostr. iazykakh, 1961. 175 p.
[MICROFILM]

RUSSIAN LANGUAGE—DIALECTS

Russian dialectology. I. A. Ossovetskii. Vest. AN SSSR 31 no. 8:127-128 Ag '61.

RUSSIAN LANGUAGE—DICTION

Guard the purity of the Russian language. V. V. Vinogradov. Sov. profsoiuzy 17 no. 10:32-34 S '61.

RUSSIAN LANGUAGE—DICTIONARIES—ENGLISH

Pushkarev, V. I., and A. M. Shchegoleva, comps. [English-Russian and Russian-English dictionary of building and architectural terms] Anglo-russkii i russko-angliiskii arkhitekturno-stroitel'nyi slovar'. Pod red. L. S. IAmpol'skogo. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 841 p.

[Russian-English dictionary] Russko-Angliiskii slovar'. Sost. O. P. Beniukh i G. V. Chernov. 8000 slov. Moskva, Gos. izd-vo inostr. natsional'nykh slovarei, 1958. 715 p.
[MICROFILM]

RUSSIAN LANGUAGE—DICTIONARIES—KAZAKH

Russian-Kazakh dictionary of chemical terms. S. Omarov, B. Birimzhanov Izv AN Kazakh. SSR Ser filol i isk no. 2 78-105 '61

RUSSIAN LANGUAGE—DICTIONARIES—KHAKASS

[Russian-Khakass dictionary] Russko-khakasskii slovar'. Pod red. F. I. Chankova; 31 000 slov. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1961. 967 p.

RUSSIAN LANGUAGE—ETYMOLOGY

"Etymological studies on the Russian language." No 1 Reviewed by N. S Shaposhnikova Vest Mosk un Ser 7 Filol., zhur. 16 no 5 87-88 S-O '61

Why we speak this way. I. Urazov. Ogonek 39 no. 39:32 S '61.

RUSSIAN LANGUAGE—GRAMMAR, COMPARATIVE—KAZAKH

Singular and plural in the Russian and Kazakh languages E. Shipova Izv. AN Kazakh SSR. Ser filol. i isk. no 2 30-33 '61.

RUSSIAN LANGUAGE—IDIOMS, CORRECTIONS, ERRORS

Some features of V. I. Lenin's polemical style shown in his work "Who are the friends of the people and how they struggle against the Social Democrats?" V. V. Senkevich-Gudkova Uch. zap. Kar. ped. inst 10:35-48 '60

Studying the language and literary style of V. I. Lenin's works. N A. Meshcherskii. Uch. zap. Kar. ped. inst. 10:17-34 '60.

RUSSIAN LANGUAGE—LEXICOGRAPHY

Local vocabulary, on the publication of materials for local dictionaries in the "Studies" of teachers colleges and universities. S. A Koporskii Vest Mosk un Ser 7 Filol., zhur. 16 no 5 46-60 S-O '61.

RUSSIAN LANGUAGE—MORPHOLOGY

Pul'kina, I. M. [Tables for some divisions of the morphology of the Russian language] Tablitsy po nekotorym razdelam morfologii russkogo iazyka; posobie dlia inostrantsev. Moskva, Uchpedgiz, 1961. 64 charts.

RUSSIAN LANGUAGE—ORTHOGRAPHY

Causes of orthographic mistakes in the work of upper grade students. G. N. Pristupa. Dokl. APN no. 1:41-44 '61.

Developing the ability in students to recognize orthograms. S. F. Zhulkov. Dokl APN no. 1:81-86 '61

Effect of the independent use of "difficult" words by students on the formation of their orthographic skill. O. M. Lobanova. Dokl. APN no. 1:29-33 '61

Role of preventive dictations in studying the orthography of the parts of speech. N. P. Koniukhov. Dokl. APN no. 1:13-16 '61.

RUSSIAN LANGUAGE — ORTHOGRAPHY (Continued)

[illegible]

RUSSIAN LANGUAGE — PRONOUN

[illegible]

RUSSIAN LANGUAGE — STUDY AND TEACHING

[illegible]

RUSSIAN LANGUAGE — STYLE

[illegible]

RUSSIAN LANGUAGE — SYLLABIFICATION

[illegible]

RUSSIAN LANGUAGE — SYNTAX

[illegible]

RUSSIAN LANGUAGE — VERB

[illegible]

RUSSIAN LANGUAGE — WORD FORMATION

[illegible]

RUSSIAN LANGUAGE — WORDS

[illegible]

RUSSIAN LITERATURE — BIBLIOGRAPHY see Bibliography—Russian literature

RUSSIAN LITERATURE — HISTORY AND CRITICISM

"[illegible] Soviet Russian literature, 1941-1957," [illegible]

[illegible] Zvezda 31 no.[illegible] '61.

[illegible] in Russia during the 1860's and 1870's. [illegible]

[illegible] on earth. V. Baranov. Moskva 6 no.8: [illegible] '61.

[illegible] [Unwritten stories, literary criticism] [illegible] Sovetskii pisatel', 1961. [illegible] p.

RUSSIAN LITERATURE — HISTORY AND CRITICISM — BIBLIOGRAPHY see Bibliography—Russian literature—History and criticism

RUSSIAN LITERATURE — STUDY AND TEACHING

Prokof'ev, N.I. [Forming a concept of literary theory in the upper grades] Formirovanie ponatii po teorii literatury v starshikh klassakh. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 47 p. (Pedagogicheskaia biblioteka uchitelia)

RUSSIAN MATHEMATICIANS see Mathematicians, Russian

RUSSIAN NEWSPAPERS
(see also subdivision under Saratov)

Delegate from the front. I.Ochnov. Ogonek 39 no.11:[illegible] Ap '61.

A herald of Leninist ideas. S.Sviraskii. Part. zhizn' [illegible] '60.

RUSSIAN PERIODICALS — INDEXES

[Chronicle of newspaper articles.] Let. gazet.st. no.8 '61. Vspomogat. Pogr. [illegible] 1961 god [Indexes to no. [illegible] for 1961]

[Chronicle of periodical articles.] Let. zhur. st. nos.35-[illegible] '61. Vspomog. [illegible] ukazateli k nos.11-20 '61.

[Chronicle of periodical articles.] Let.zhur.st. nos.30 [illegible] '61

RUSSIAN PLAIN see East European Plain

RUSSIAN PLATFORM — FORAMINIFERA, FOSSIL

Genetic relationships among species of the group [illegible] from Jurassic deposits of the Russian Platform. [illegible] Vop. mikropaleont. no.5 [illegible] '61

RUSSIAN PLATFORM — GEOLOGY, STRATIGRAPHIC

[illegible] [Basic problems of the regional stratigraphy of Paleozoic sediments in the Russian Platform] Osnovnye voprosy regional'noi stratigrafii paleozoiskikh otlozhenii Russkoi plity. [Moskva] Izd-vo Mosk. univ., 1961. 553 p. diagrs.

RUSSIAN PLATFORM — GEOLOGY, STRUCTURAL

Morphology of lithofacies replacement in the middle Devonian of the central part of the Russian Platform. V. P. Bukharkov and others. Dokl. AN SSSR 140 no.5 [illegible] Ag '61.

RUSSIAN POETRY — HISTORY AND CRITICISM

"But why was it so like this!" (on the conclusion of a discussion) Oktiabr' 38 no.9:[illegible] '61

Il'in, V.N. [King David's harp in Russian poetry] Arfa tsaria Davida v russkoi poezii. Brussels, Zhizn' s Bogom, 1960. 70 p.
(MII)

Ognev, V.F. [Poetry and modern times] Poeziia i sovremennost'; sbornik statei. Moskva, Sovetskii pisatel', 1961. 351 p.
(MII)

[Poets of the beginning of the 19th century] Poety nachala XIX veka. Leningrad, Sovetskii pisatel', 1961. 657 p. (Biblioteka poeta osnovana M.Gor'kim. Malaia seriia, izd.4)

[Poets of the 1820's and 1830's] Poety 1820-1830-kh godov. Leningrad, Sovetskii pisatel', 1961. 632 p. (Biblioteka poeta osnovana M.Gor'kim. Malaia seriia, izd.3)

Remarks on the verse of young poets. L.Anninskii. Znamia 31 no.[illegible]:207-212 '61.

Stylistic usage of pronouns in the poetry of the first half of the 19th century. G. A. Shelkova. Dop. to pov. Uzhhorod [illegible] no. 2/56 [illegible] '60.

"Who needs poetry and why" by Nikolai Aseev. Reviewed by [illegible] Oktiabr' 38 no.9:216-217 S '61.

RUSSIAN SATELLITES see Communist Countries

RUSSIAN SCIENTISTS see Scientists, Russian

RUSSIAN SOCIAL DEMOCRATIC PARTY
(see also subdivision under Bogorodsk County)

Aronson, Grigorii. [Movement of representatives of industrial workers in 1918] Dvizhenie upolnomochennykh ot rabochikh fabrik i zavodov v 1918 godu. New York, 1960. 30 p. (Inter University Project on the History of the Menshevik Movement. Paper, no.1)
(MII)

The Bolshevik Party as the organizer of Russian toilers for the struggle against the Kornilov uprising, a movement supported by imperialists, generals, and "socialist traitors." [illegible] Popov. Ist. zap. [illegible] no. 31:[illegible] '60

Chuharov, N.I. [How V. I. Lenin worked out the tactics of the party between the Second and Third Congresses of the Russian Social Democratic Party] Razrabotka V. I. Leninym taktiki partii v period mezhdu II i III s"ezdami RSDRP. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 259 p.

Development of the alliance of workers and peasants on the eve of the First Russian Revolution. V. V. Maltsovskii. Nauk. trud. Arkh. gos. ped. inst. no. 3,17-55 '59.

A herald of Leninist ideas. S.Sviraskii. Part. zhizn' [Uzb.] 3 no.12 51-56 D '60.

How Russian Social Democrats popularized K. Marx's theory among workers. U. S. Zhulkov. Ist. arkh. 7 no.4:204-205 Jl-Ag '61.

How to guide a group in studying the theme "The Bolshevik Party during the Revolution of 1905-1907." [illegible] Komm. Vooruzh. Sil [illegible] no. 3 [illegible] '61

How to guide a group studying the theme "Struggle for the organization of the Marxist party in Russia, establishment of the Russian Social Democratic Party, the origin of Bolshevism, from 1894 to 1903." [illegible] Komm. Vooruzh. Sil [illegible] no. [illegible] '61

How to guide a group studying the theme "The Bolshevik Party during the new intensification of revolutionary activity, from 1910 to 1914." A. [illegible] Komm. Vooruzh. Sil [illegible] no. 7:70 [illegible] Ap '61

How to guide a group studying the theme "The Bolshevik Party in the reactionary period from 1907 to 1910." O. Stupenko. Komm. Vooruzh. Sil [illegible] no. 6 [illegible] Mr '61

"How V. I. Lenin worked out the program of the Communist Party" by M. A. Moskalev. Reviewed by A. I. Kon[illegible] Vop. ist. KPSS [illegible] no. 5 176-180 '61

Kruze, E.E. [Petersburg workers in 1912-1914] Peterburgskie rabochie v 1912-1914 godakh. Moskva, Izd-vo Akad. nauk SSSR, 1961. 343 p.

Lenin, V.I. [Complete works] Polnoe sobranie sochinenii. Izd.5. Moskva, Gos. izd-vo polit. lit-ry.
Vol.20. [November 1910-November 1911] Noiabr' 1910-noiabr' 1911. 1961. 603 p.

Lenin, V.I. [Complete works] Polnoe sobranie sochinenii. Izd.5. Moskva, Gos. izd-vo polit. lit-ry.
Vol.21. [December, 1911-July, 1912] Dekabr' 1911-iiul' 1912. 1961. 671 p.

Lenin, V.I. [Two tactics of the Social Democratic Party in a democratic revolution] Dve taktiki sotsial-demokratii v demokraticheskoi revoliutsii. [Leningrad] Gos. izd-vo polit. lit-ry, 1946. 102 p.

Moharychova, K. [On the eve of the first revolution in Russia, 1899-1904] Naperedodni pershoi revoliutsii v Rosii, 1899-1904. [Dnipropetrovsk] Dnipropetrovs'ke knyzhkove vyd-vo, 1960. 41 p. (Z istorii Dnipropetrovskoi oblasnoi partiinoi orhanizatsii, no. 2)
(MII)

Two currents in the Russian social democratic movement on the eve of the First Congress of the Russian Social Democratic Party. [illegible] Uch. zap. [illegible] no. 37:[illegible] '59

RUSSIANS see subdivision under Volhynia

RUSTAVELI, SHOTA, fl.1190

Journey to Jerusalem. A. G. Shanidze. Vest. AN SSSR 31 no.8,91-94 Ag '61

RUSTAVI — FIRE PREVENTION — SOCIETIES

Volunteer firemen of Rustavi. V. Khmelidze. Pozh. delo 7 no.8:30 Ag '61

RUTHENIA see Transcarpathia

RUTHENIUM

Phase diagram in the ruthenium — chromium system. E. M. Savitskii, V. V. Terekhova, N. A. Birun. Zhur. neorg. khim. [illegible] no. 8:1960-1961 Ag '61

RYAZAN — CONSTRUCTION INDUSTRY

Recommendations should be carried out. V. Voronin. NTO 3 no. 9:56-57 S '61

RYAZAN PROVINCE — COMMUNIST PARTY OF THE SOVIET UNION

[Always with the people; work of party organizations in Ryazan Province] Vsegda s narodom; [rabota partiinoi organizatsii Riazanskoi oblasti. Red. E. D. Andreeva. Riazan'] Riazanskoe knizhnoe izd-vo, 1960. 141 p.
(MII)

RYAZAN PROVINCE — DISTILLING INDUSTRIES

Results of the complete processing of potatoes into starch and alcohol in Ryazan Province. P. I. Lishonin. Sakh. prom. 35 no.8,63-65 Ag '61.

RYAZAN PROVINCE — STARCH

Results of the complete processing of potatoes into starch and alcohol in Ryazan Province. P. I. Lishonin. Sakh. prom. 35 no. 8:63-65 Ag '61.

RYBINSK RESERVOIR — FISHERIES

Some factors affecting the dynamics of commercial fish schools in Rybinsk Reservoir. L. K. Il'ina, A. G. Poddubnyi. Trudy Biol. inst. vnutr. vod no.13 374-380 '61.

RYKACHEV, MIKHAIL ALEKSANDROVICH, 1840-1919

Academician M. A. Rykachev's life and work. M. V. Zavarina. Trudy GGO no. 123 3-19 '61

In memory of M. A. Rykachev, remarkable scientist. D. F. Nezdiurov. Trudy GGO no.123 20-23 '61.

RYLOV, ARKADII ALEKSANDROVICH, 1870-1939

Arkadii Aleksandrovich Rylov. I. Malygina. Iffn. nat. no.6;26 [illegible] '61.

RYL'S'KYI, MAKSYM, 1895-

Kryzhanivs'kyi, S. A. [Maksym Ryl's'kyi; fifty years of his creative activities] Maksym Ryl's'kyi; p'iatdesiat rokiv tvorchoi diial'nosti. Kyiv, Derzhlitvydav, 1960. 235 p.
(MII)

RZHAKSINSKIY DISTRICT — COLLECTIVE FARMS

Behind the average figures. N. I. Makeev. Uchet i fin. v kolkhoz. i sovkhoz. 10 no. 9:31 Ag '61.

SACROCOCCYGEAL REGION

Aminev, A. M. [Anal fissures. Coccygeal pain. Proctalgia. Pruritus ani] Treshchiny zadnego prokhoda. Kopchikovaia bol'. Proktalgiia. Zud zadnego prokhoda. Kuibyshev, 1959. 111 p.
(DNLM)

SADKOVICH, MIKOLA

"Man in a fog" by M. Sadkovich, Reviewed by M. Gus. Moskva 5 no. 8 221-222 '61.

ŠAFARIK, PAVEL JOSEF, 1795-1861

Pavel Josef Šafarik's life and work, on the centenary of his death N A Kondrashov. Vest Mosk un. Ser 7 Filol , zhur 16 no 5 24-31 S-O '61.

SAFETY GOGGLES

Safety goggles. B M Erlikh. Neftianik 5 no 8-24 Ag '60

SAFETYLAMP

Unjustified fears. V. Ul'iashchenko. Pozh. delo 7 no 8 5 Ag '61

SAIGA, FOSSIL see subdivision under Binagady region

ST.-JOHN'S-WORT

Akademiia nauk URSR, Kiev. Instytut mikrobiologii. [Imanin, an antibiotic from St.-John's-wort] Imanin - antibiotik iz zveroboia. Kiev, Izd-vo Akad. nauk USSR, 1961. 91 p.
(DNLM)

SAINT-SIMON, CLAUDE HENRI, 1760-1825

Saint-Simon and the idea of universal peace [with summary in French]. I S Andreeva Vest. ist mir. kul't no 4-41-55 Jl-Ag '61.

SAKHALIN—HERRING

Adaptive significance of larval heterogeneity in the Sakhalin herring. I V. Nikitinskaia. Trudy sov. Ikht kom. no. 13, 391-392 '61.

SAKHALIN PROVINCE see Sakhalin

SAKI (CRIMEA)—BATHS, MOOR AND MUD

Brusilovskii, L. A. [Mud treatment at the Saki Health Resort] Griazelechenie na Sakskom kurorte. Simferopol', Krymizdat, 1960. 63 p.
(DNLM)

SALAUSH REGION—GEOLOGY, STRATIGRAPHIC

Specific features of the cross section of the Devonian terrigenous stratum in the Azevo-Salaush area (northeastern Tatarstan) V I Averianov Dokl AN SSSR 139 no 5:1173-1176 Ag '61

SALES TAX

The economic nature of profit and the turnover tax. M. P. Karpov. Nauch zap Kiev. fin -ekon. inst no. 8 127-142 '59.

SALES TAX—ACCOUNTING

Miroshchenko, S. M., and V. A. Tur. [Procedure for computing and paying the turnover tax] Poriadok ischisleniia i uplaty naloga s oborota, Moskva, Gosfinizdat, 1961. 114 p. (V pomoshch' finansovomu rabotniku)

SALGIR VALLEY—MOUNDS

Excavating the no. 1 burial mound at the left bank of the Salgir River. IU. G. Kolosov. Arkheologiia 12:119-128 '61.

SALICYLIC ACID

Complex formation in the system uranyl ion - salicylate - α,β-dipyridyl. R. Kh. Dzhiianbaeva, Sh. T. Talipov. Uzb. khim zhur. no 4-17-21 '61.

SALINE AND ALKALI SOILS see subdivision under Buzskly District; Kura Lowland; Vakhsh Valley

SALINITY

(see also subdivision under Baltic Sea)

Effect of the salinity of sea water on the heat resistance of the ciliary epithelium in actinias. I. N. Dregol'skaia. TSitologiia 3 no. 4:471-473 Jl-Ag '61.

Possibility of using the ITR-2 laboratory interferometer to determine the salinity of sea water. K. D. Sabinin, A. E. Gamutilov. Trudy Inst. okean 40:175-183 '60.

SALMON see subdivision under Soviet Far East

SALMON FISHERIES see subdivision under Pacific Ocean

SALMONELLA

Alimentary toxic infections and their prevention. K. S. Petrovskii. Voen -med. zhur no 5 48-53 My '61.

Group disease caused by Salmonella muenchen. L. F. Grinshpun, P. I Pertsovich Voen -med. zhur. no. 5: 65-66 My '61.

Leucocyte picture in patients with toxic infection caused by salmonellosis IU. M Mikhailova. Klin. med. no. 7:74-77 '61.

SALMONELLA HEIDELBERG

Clinical characteristics of salmonellosis Heidelberg in adults. S. E. Karluk, M. G. Kudriavtsev, B. A. Chukhlovin. Voen. -med zhur. no. 5:62-64 My '61.

SALSOLINE

Isoquinoline compounds Derivatives of isomeric salsoline. I T Strukov. Zhur. ob khim 31 no. 8 2709-2712 Ag '61

SALT

Aromatic table salts. B. Usovskii. Obshchestv. pit. no 6, 31 Je '61.

Purification of Nakhichevan' rock salt. I. L. Bagbanly, T. R. Mirzoeva, A. K. Posadovskaia Azerb khim zhur no 6-107-117 '60

Role of secondary electrons emitted by thin NaCl layers and inelastically reflected from various base layers M V Gomounova, G A Ivanov Fiz tver tela 2 no 2 319-330 F '60

Solubility in the system LiCl - NaCl - $MgCl_2$ - H_2O at 25 and 75°. I. N. Lepeshkov, N. N. Romashova Zhur. neorg khim 6 no 8 1967-1971 Ag '61.

SALT CRYSTALS

Exciton formation energy near a neutral vacancy pair in NaCl crystals A. A TSertsvadze. Fiz. tver tela 3 no 7:1960-1962 Jl '61

SALT CRYSTALS—GROWTH

Growth of a crystalline layer on a plastically bent rock salt single crystal. M. P. Shaskol'skaia, P P Pashkov. Kristallografiia 6 no 3 476-479 My-Je '61.

SALT DEPOSITS see subdivision under Golodnaya Steppe

SALT DOMES

Characteristics of studying salt dome tectonics. IU. A. Kosygin. Metod. izuch. tekt. struk. no. 2 220-235 '61.

SALTS

Approximate method for calculating the heat of formation of inorganic compounds [with summary in English] L. A. Reznitskii. Zhur. fiz. khim. 35 no. 8:1853-1859 Ag '61.

SALTS—ANALYSIS

Investigating by means of gamma rays fused salts containing dissolved metals. A. I Beliaev. Izv. vys. ucheb. zav., tsvet. met. 4 no. 4:40-44 '61.

SALTYKOV, MIKHAIL EVGRAFOVICH, 1826-1889

Kniazev, I. V. [M. E. Saltykov-Shchedrin in Tula] M. E. Saltykov-Shchedrin v Tule. [Tula] Tul'skoe knizhnoe izd-vo, 1960. 59 p.
(MH)

Official documents as parodied by Saltykov-Shchedrin. I. T. Ishchenko. Nauk. zap L'viv. derzh ped inst. 16: 45-67 '60.

SALTYKOV, MIKHAIL EVGRAFOVICH, 1826-1889—BIBLIOGRAPHY see Bibliography—Saltykov, Mikhail Evgrafovich, 1826-1889

SALVINIA see subdivision under Rhodesia

SAM (ALMA-ATA PROVINCE)—COOPERATIVE SOCIETIES

Delegate from a distant pasture. M. Borisov Koop. Kazakh 4 no. 4, 10 Ap '61

SAMARIUM

Reaction between samarium ions and ethylenediaminete - traacetic acid. I V. Tananaev, G. V. Shevchenko Zhur neorg khim 6 no. 8 1909-1913 Ag '61

SAMOYEDIC LANGUAGES

Problem of linguistic and sensorial generalizations; based on the names of colors in the Samoyedic and Ostiak languages. F. N. Shemiakin Izv. APN no. 113: 49-61 '60.

SANATORIUMS see subdivision under Crimea

SAND

Displacement trajectories of sand grains under models of continuous footings. M. Sh. Mintskovskii. Osn., fund. i mekh. grun. 3 no. 4:10-12 '61.

Exploitation of sand-producers. I. M. Matveev. Neft. khoz. 39 no 6, 54-56 Je '61.

Flushing sand. T. Kh. Abramian. Neftianik 6 no. 4 19 Ap '61.

Means of speeding-up and simplifying the process of cleaning and washing out sand. A. B Suleimanov. Azerb neft khoz. 40 no 6, 31-34 Je '61.

"Studies of water-saturated sand in the U.S.S.R. in designing supporting structures" by Z. Bazant [in Czech]. Book review. Gidr. stroi. 31 no. 8:3 of cover Ag '61.

Ways of improving the exploitation of sand producers in pumping. I. IU. Prok. Azerb. neft. khoz. 39 no. 2 24-27 F '60.

SAND, FOUNDRY

Possibility of using bentonite clays of the Khanlar deposit as a molding material. A. M. Mamedaliev. Dokl AN Azerb. SSR 17 no. 6:485-488 '61.

SAND AND GRAVEL INDUSTRY

Drilling and cutting ripper unit for unloading frozen rock, gravel, and sand. Gor. khoz. Mosk. 35 no. 8:48 Ag '61.

Specialization of production and planning in enterprises of the rock, sand, and gravel industry. I B. Shlain. Stroi mat. 7 no. 8:23-26 Ag '61.

SAND-LIME PRODUCTS

Silicate concrete for building apartment houses. A. Voronov Stroi i arkhit. Mosk. 9[1 e. 10] no. 7: 17-19 Jl '61.

SANDSTONE

Methods for the preparation of titanium concentrate from a Dashkesan magnetite sandstone. I I. Bagbanly, Kh. L K Zeinalova Azerb. khim zhur no 2, 75-76 '61.

SANDY SOILS

[New methods for the afforestation of rolling sands] Novye sposoby oblesenila bugristykh peskov. [By] N. K. Zagalkevich i dr. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 216 p.
(DA)

SANITARY ENGINEERING

IAvnel', A. IU. [Public sanitation of the collective-farm village] Sanitarnoe blagoustroistvo kolkhoznogo sela. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 69 p. (Nauchno-populiarnaia meditsinskaia literatura)

SARATOV—ASSEMBLY-LINE METHODS

Assembling the 3B250 and 3A227 internal grinding machines on a step-by-step moving conveyer. V. I. Eshirin, V I. Kuznetsov. Stan. i instr. 32 no. 9:15-16 S '61.

SARATOV—RADIO CLUBS

Twenty-fifth anniversary of the radio club. A. Mikhailov. Radio no. 3:17 Mr '61.

SARATOV—RUSSIAN NEWSPAPERS

Glory to toilers and shame to loafers! Part. zhizn' no. 18:74-77 S '61.

SARATOV—TEACHERS

Saratov, industrial technical school. ... G. Smirnov. Prof. -tekh. obr 18 no. 5:3-4 My '61.

SARATOV PROVINCE—AGRICULTURAL RESEARCH

The most important factor in the fruitful development of agricultural science. F. Seleznev. Part. zhizn' no. 17 59-61 S '61.

SARATOV PROVINCE—DAIRY BARNS

Over-all mechanization of frame cattle barns. A. Ul'ianov, B. Kononov. Sel'. stroi. 16 no. 7:6-7 Jl '61

SARCOCOCCA

Sarcococca. B. IU. Murinson. Priroda 50 no. 8, 115 S '61.

SAREZ LAKE REGION—BOTANY—ECOLOGY

A contribution to the study of vegetation in the vicinity of Lake Sarez O E. Agakhaniants. Izv. Otd. sel'khoz. i biol. nauk AN Tadzh. SSR no 1 95-106 '59.

SATELLITES

Effect of the spheroidicity of a planet on the movement of its satellite A A Orlov Soob GAISH no 112 3-32 '61

SATELLITES, ARTIFICIAL see Artificial satellites

SATIRE, WHITE RUSSIAN

Bahrova, A. P. [White Russian satiric literature during the Great Patriotic War] Belaruskaia satyrychnaia literatura peryiadu Vialikai Aichynnai vainy. Minsk, Vyd-va Beldziarzhuniv., 1960. 117 p.
(MH)

SATURN (PLANET)—RING SYSTEM

Generalizing the theory of the shadow effect on saturn's rings for the case of particles of unequal sizes [with summary in English] Astron. zhur. 38 no 4: 689-680 Jl-Ag '61.

SAUCES

Concentrated sauces. L. P. Khakhina, G. A. Ivanova, L A Ievleva Trudy VNIIKOP no. 10:133-138 '59.

SAUERKRAUT—PASTEURIZATION

Pasteurization of sauerkraut with gamma rays. L. P. Koval'skaia, and others Kons. i ov. prom. 16 no. 8: 9-12 Je '61.

SAUSAGES

Seminar on the manufacture of liverwurst on continuous production lines. V. M. Kashirina. Biul. tekh. -ekon. inform. no. 7:73 '61.

SAUSAGES—TESTING

Rapid determination of moisture in sausage products. I. Papikian. Prom. Arm. 4 no. 8:65-66 Ag '61.

SAVINGS BANKS

(see also subdivision under Ukraine)

For further growth of savings. P. Chetverikov. Fin. SSSR 22 no 8-8-16 Ag '61.

SAWMILLS see subdivision under Belomorsk

SAWMILLS—LABOR PRODUCTIVITY

Socialist competition for the title of the best brigade of continuous production frame-saw lines and of the best frame-saw operator. Der. prom. 10 no. 8:3 Ag '61.

l sawing law and its practical application A. L adskii. Der prom 10 no 8 7-10 Ag '61

—LABOR AND LABORING CLASSES
elations in the mining region of Freiberg, Saxony 1440 to 1490 [with summary in German] M M a Sred veka no 20-121-150 '61.

IOUNTAINS—IRON ORES
lia nauk SSSR. Mezhduvedomstvennaia postoian- omissiia po zhelezu. [Iron-ore deposits of the Sayan mountainous region] Zhelezorudnye ozhdeniia Altae-Saianskoi gornoi oblasti.
a.
A.1, Book 1. [Geology] Geologiia. 1958.
il.2, Book 2. [Description of the deposits] Opisanie mesterozhdenii. 1959.

N)

see Proverbs

DING
for fastening scaffolds. V. A. Veselovskii. Shor redl. vnedr. v proizv no 5 71-72 '60.
d metal scaffolding for boilers. L. G. Kovarskii, Makarov. Energetik 9 no 8 8-12 Ag '61

FISHES)
f the setting of the first annulus of scales and maturation in the Caspian herring Clupeonella ilformis. B. I. Prikhod'ko. Trudy sov. ikht. kom 386-390 '61.

AVIA—FOREIGN ECONOMIC RELATIONS
ic, legal, and cultural cooperation among Scandi- countries. V. Zagorskii Vest. ist. mir kul't. 0-94 Jl-Ag '61

AVIA—INTERNATIONAL COOPERATION
ic, legal, and cultural cooperation among Scandi- countries. V. Zagorskii. Vest ist mir. kul't 0-94 Jl-Ag '61.

FEVER
ocal scarlet fever with primary lesion in the lung ummary in English]. IU. M Slavin Arkh pat. 9:61-67 '59.

ING (PHYSICS)
ction of the scattering matrix in nonlocal theories skin, A. R. Frenkin. Dokl AN SSSR 139 no. 5 092 Ag '61
al expansion of the scattering matrix in normal s of asymptotic fields [with summary in Eng- B. V. Medvedev. Zhur. eksp. i teor fiz 40 5-838 Mr '61.

OKOV, VIACHESLAV IVANOVICH
V. I. Shchelokov B. G Manzhora. Nauch - zap. Ural. gos. konser. no. 3:48-66 '59

RA
it of chronic gastritis with Schisandra chinensis. sev. Voen. -med zhur. no 6:76-77 Je '61.

HILDREN
kova, N. G. [Feeding of children in the kinder- Pitanie detei v detskom sadu, iz opyta raboty o sada No. 617 g. Moskvy. Moskva, Gos. -pedagog. izd-vo M-va prosv. RSFSR, 1961.

ISCIPLINE
of the plant personnel on the development of st discipline. O. D. Kuznechenko. Shkola i 5 no. 6, 28-30 Je '61.

XCURSIONS
ation of tomorrow's joy. B. Likhachev. Sem'ia i 16 no. 7:44 Jl '61.
ips on a railroad. G. D. Balk. Mat. v shkole 57 Jl-Ag '61.
' conducting regional geographic study excursions trial nature [in Azerbaijani]. S. Madzhidov. zerb. gos. zaoch. ped. inst. 6:103-114 '59.
ocal lore in the school and tourism. I. S. IUn'ev. ag. 25 no 8, 87-90 Ag '61.

ARDENS
o subdivision under Moscow; Moscow Province)
ldren's vegetable garden. A. A. Vorotnikova. osp. 34 no 9, 35-38 S '61.
' experience means to dare. F. I. Zabroda . 40 no. 6 29-30 Je '61.

INCHROOMS, CAFETERIAS, ETC.
o subdivision under Aktyubinsk)
istry of Education of the R. S. F. S. R. Nar. obr 9-123 S '61.

USIC—INSTRUCTION AND STUDY
methods for choral teachers in pedagogical s. S. M. Masnyi Rad shk. 40 no. 7-82-83

PERVISION
o subdivision under Chelyabinsk; Chuvashia)
he head of the teaching department with pri- ade teachers. A. Khokhlova. Nar. obr. no. 9- '61.

SCHOOLHOUSES
(see also subdivision under Ust'-Aldanskiy District)
Forthcoming census of school buildings and the material base of general education schools M Poluboiarinov Vest stat no 8 28-34 '61

SCHOOLS see subdivision under Mikhnevo (Moscow Province)

SCHOOLS—EQUIPMENT AND SUPPLIES
Forthcoming census of school buildings and the material base of general education schools M Poluboiarinov. Vest. stat no. 8 28-34 '61.

SCIATIC NERVE—WOUNDS AND INJURIES
Orthopedic treatment and prosthesis in late sequelae of injuries to the sciatic nerve or its branches. N A. TSirkunova. Ortop , travm. i protez. no 5:33-38 '61

SCIENCE
(see also subdivision under Armenia)
A little bit about many things. Znan. sila 36 no. 8:16-17 Ag '61.
News around the world. Znan. sila 36 no. 8:36-37 Ag '61
Sister at work. Oleg Pisarzhevskii. Nauka i zhizn' 28 no. 7:2-12 Jl '61.

SCIENCE—BIBLIOGRAPHY see Bibliography—Science

SCIENCE—COMPETITIONS
Competition "From the young schoolchildren to their home- land," I. Danylenko. Znan. ta pratsia no. 8:25 Ag '61

SCIENCE—CONGRESSES
Address of the all-Union congress of scientists to all scientists of the Soviet Union. Nauka i zhyttia 11 no. 7:6-7 Jl '61
All-Union congress of scholars; welcome to the Central Committee of the CPSU and the Council of Ministers of the U. S. S. R Nauka i zhyttia 11 no. 7:3-4 Jl '61
Forum of Soviet scientists. Nauka i zhizn' 28 no. 7:3- 11 Jl '61.
Forum of Soviet scientists. Ogonek 39 no. 25:2 Je '61.
Golden apple of success. Znan. sila 36 no. 8:2-5 Ag '61.
Let's pave new ways in science. M P. Semenenko. Nauka i zhyttia 11 no. 7:8 Jl '61.
To the Central Committee of the CPSU and the Council of Ministers of the U S. S R. Nauka i zhyttia 11 no. 7, 5-6 Jl '61.

SCIENCE—MISCELLANEA
Abroad. Nauka i zhizn' 28 no. 7:40 Jl '61.
How? Where? Why? Znan. ta pratsia no. 7:32 Jl '61.
How? Why? Where? Znan. ta pratsia no. 8:32 Ag '61.
How? Why? Where? Znan. ta pratsia no 9:32 S '61.
Problems, discoveries, and facts. Ogonek 39 no. 32:28 Ag '61.
Problems, discoveries, and facts. Ogonek 39 no. 34- 10-11 Ag '61.
Scientists reply. Ogonek 39 no. 35:29 Ag '61.
Varicolored world. Vokrug sveta no. 8:48-49 Ag '61.
You can believe it but you had better check it. Nauka i zhizn' 28 no. 8:105 Ag '61.

SCIENCE—PERIODICALS
Members of the Society help the periodical. Nauka i zhyttia 11 no. 7:54 Jl '61.
Single genre periodical. B. Tumanov. Nauka i zhizn' 28 no. 7:01 Jl '61.

SCIENCE—PHILOSOPHY
"Philosophical problems of natural sciences." Vols. 1-3. Reviewed by M. N. Rutkevich, S. S. Shvarts, G. S. Ostpov. Vop. filos. 15 no 9:144-149 '61.

SCIENCE—STUDY AND TEACHING
International conference on the teaching of natural sciences in general schools. A. V. Peryshkin. Fiz v shkole 21 no. 3:110-111 My-Je '61.

SCIENCE—TERMINOLOGY
"Fundamentals for developing technical terminology" by D. S. Lotte. Reviewed by T. Vvedenskii. NTO 3 no. 9, 61 S '61.

SCIENCE AND CIVILIZATION
A triumph of human intellect. B. M. Kedrov. Vop. filos. no. 6:11-20 '57.

SCIENCE CLUBS
(see also subdivision under Crimea)
For the able and curious. Nauka i zhyttia 11 no. 7:43 Jl '61.

SCIENCE NEWS
"Ways into the unknown." Reviewed by Lev Razgon. Nauka i zhizn' 28 no. 8:42-43 Ag '61.

SCIENTIFIC SOCIETIES
(see also subdivision under Ukraine)
Contacts between institutions of higher learning and scientific institutions should be strengthened. I. N. Vekua. Vest. vys. shkoly 19 no. 8:50-52 Ag '61.

SCIENTISTS
Scientist without a successor is an intolerable condition. K I Skriabin. Vest vys shkoly 19 no. 8, 46-47 Ag '61

SCIENTISTS, RUSSIAN
Soviet scientists as honorary members of foreign acade- mies. Vest. AN SSSR 31 no. 8 05 Ag '61.

SCINTILLATION (PHYSICS)
Using a spark discharge for producing intensive scintil- lations of a duration of 10^{-7} to 10^{-8} sec. Part I In- vestigation of electric processes in a spark discharge of nanosecond duration. S. I. Andreev, M. P. Vaniukov Zhur tekh. fiz. 31 no 8 961-974 Ag '61

SCINTILLATION COUNTERS
Application of scintillation counters in standard appara- tus. V V. Matveev, A D Sokolov App dlia issl apek. no 1 7-18 '60.
Measuring the dosage of gamma-radiation with a scintilla- tion dosimeter [with summary in English] IU. A. Ego- rov, E A Panov Inzh -fiz. zhur 4 no 8 130-131 Ag '61.
Possibility of using certain organic scintillators for dosimetry [with summary in English] IU. A. Egorov, V A. Kucheriaev Inzh fiz. zhur. 4 no 7 117-119 Jl '61
Some problems of the construction of light pipes for scintillation counters. V V. Matveev, A D. Sokolov, L A Suchkova. App. dlia issl apek. no 1:26-40 '60

SCLERODERMA
Some indices of hemopoiesis and blood proteins in sys- temic scleroderma. F. S. Drampian, V. M. Nikolaeva. Izv. AN Arm. SSR, Biol. nauki 14 no. 6:67-72 '61.

SCRAP METALS
Crushing of cast iron chip in industrial conditions E I Kul'tin. Obog. rud 4 no. 3 51-55 '59

SCRAPERS
Device for cleaning grooves and ridges in boards. Sel'. stroi. 16 no. 7 27 Jl '61

SCREENS (MINING)
(see also subdivision under Germany, West)
Application of arc-shaped screens in ore-dressing plants. A. I. Akatov Obog. rud 3 no. 6 26-32 '58
Calculating the efficiency of screens V. A. Perov. Obog rud 4 no 2, 6-12 '59.
Conference on problems of the design and manufacture of screens N S Sason Obog rud 5 no 3 63-65 '60
Dynamics of triple mass electric vibration grizzlies and conveyers. A. D. Rudin. Obog. rud 6 no 1:34-41 '61.
Heavy-type vibrating screens. G. P. Shel. Obog. rud 5 no 3:27-41 '60
Theory of the screening process. E. A. Nepomniashchii. Obog. rud 5 no. 5:27-33 '60

SCREW CUTTING
Threading trapezoidal double screw threads by a vortex method in one operation K. I Mikharskii. Stroi. i dor mash 6 no. 8 34-36 Ag '61

SCREW-CUTTING MACHINES
The ZA295A horizontal drilling and screw-cutting ma- chine. IU. I. Russkov Biul tekh -ekon inform no. 8, 31-32 '61.

SCREWDRIVERS
Removable heads. N. N. Kuznetsov. Put' i put. khoz. 5 no 6:25 Je '61.

SCREWS
Precision of screw pairs with multiple thread V. P. Korotkov. Vzaim. i tekh. izm v mashinostr , mezhvuz. sbor. no. 3 5-25 '61

SCROLLS, DEAD SEA see Dead Sea scrolls

SCYTHIAN ANTIQUITIES see subdivision under Crimea; Kerch Peninsula

SCYTHIANS
Scythian axes. V. A. Il'inskaia. Arkheologiia 12:27-52 '61.

SEA ANEMONES
Effect of the salinity of sea water on the heat resistance of the ciliary epithelium in actinias. I. N. Dregol'skaia. Tsitologiia 3 no. 4:471-473 Jl-Ag '61.

SEA ICE
(see also subdivision under Baltic Sea, Barents Sea; White Sea)
Determining the elements of ice drift in the sea from the airplane. V. V. Betin, K. P. Shirokov. Trudy GOIN no. 63:64-77 '61.

SEA WATER
Evaporation of sea water as related to its salinity. S. N. Bobrov. Trudy Inst. okean. 37:161-163 '60.
Possible role of the scattering of sound in the stratified nonhomogeneities of the sea on the formation of a field in the zone of the geometrical shadow [with summary in English]. G. I. Primak. Izv. vys. ucheb. zav., radiofiz. 4 no. 1:49-57 '61.

SEAMANSHIP

TSurban, A. I. [Handbook of a boatswain in the merchant marine] Spravochnik botsmana morskogo flota. Leningrad, Izd-vo "Morskoi transport," 1961. 165 p.

SECOND BAKU—OIL FIELDS

Genius of the great Lenin laid the groundwork for the founding of "Second Baku" D Safronov Neftianik 6 no 4 1-3 Ap '61

SECONDARY ELECTRON EMISSION

Free paths of slow secondary electrons in tellurium, lead, and germanium. R. B. Segal'. Fiz. tver tela 3 no. 8 2413-2416 Ag '61

Role of reflected electrons in secondary electron emission. M. V. Gomoiunova. Fiz tver tela 3 no 8 2316-2321 Ag '61.

Role of secondary electrons emitted by thin NaCl layers and inelastically reflected from various base layers M V. Gomoiunova, G A. Ivanov. Fiz tver tela 2 no 2 319-330 F '60

Secondary electron emission and elastic reflection of slow electrons by germanium single crystals. A R Shul'man, D A Ganichev Fiz tver tela 2 no 3 530-536 Mr '60

SECONDARY RECOVERY OF OIL see subdivision under Azerbaijan

SECRETION

Shubnikova, E. A. [The secretory cell; lecture 1] Sekretornaia kletka; lektsiia 1. [Moskva] Izd-vo Mosk. univ., 1961. 52 p.

SECTS see subdivision under Soviet Far East

SEDGES see subdivision under Gorno-Badakhshan Autonomous Province; Pamir-Alay

SEDIMENTARY ROCKS see Rocks, Sedimentary

SEDIMENTATION ANALYSIS

Calculating the number of elutriations during slime analysis. G. D. Krasnov Obog. rud 4 no 3:33-35 '59.

Comparative study of mechanical and chemical methods changing peat dispersity [with summary in English]. M. P. Volarovich, I. I. Lishtvan, N. V. Churaev Koll zhur. 23 no. 4,399-403 Jl-Ag '61.

SEDIMENTATION AND DEPOSITION see subdivision under Black Sea

SEDIMENTS (GEOLOGY) see subdivision under Bering Sea; Black Sea; Volga Valley

SEDURO, VLADIMIR, 1910-

Starazhouski, Kastus'. [Thirty years in the service of White Russian culture] 30 hadoŭ na sluzhbe rodnoi kul'tury. [Detroit, Belaruskae vyd-va "S'vet," 1961]. 13 p.

SEED INDUSTRY

Wage system for the workers of enterprises engaged in processing the certified seeds of vegetable, vine and forage root crops. Biul. Gos. kom. po vop. truda i zar platy no. 8:3-5 '61.

SEED PRODUCTION

(see also subdivision under Turkmenistan)

Seed productivity in lowland meadow plants under conditions prevailing in Lvov Province [with summary in English]. T. K. Zelenchuk Ukr. bot. zhur. 18 no. 4: 91-99 '61.

"Variety and seeds." Reviewed by A. Pukhal'skii and V. Zhivov. Vest. sel'khoz. nauki 6 no. 8.156-158 Ag '61.

SEEPAGE

Characteristics of changes in filtration losses depending on water discharge in canals I S IAkovlev. Izv Otd geol. -khim i tekh nauk AN Tadzh SSR no 1 63-67 '59.

Kelea bentonites as seepage preventing material for irrigation canals of the Golodnaya Steppe M. Zakirov Mat. po proizv sil. Uzb no. 15:197-204 '60.

Seepage preventing measures in intrafarm distributing canals of the Golodnaya Steppe V F Briusentsev, I. P. Aldarov. Mat po proizv sil. Uzb. no 15:179-196 '60

Simple criteria of establishing the possibility of free filtration M I. Kaplinskii Izv AN Kir SSR Ser est i tekh. nauk 2 no 4 95-102 '60

Use of Academician A N. Kostiakov's empirical formulas in determining filtration losses M I Kaplinskii Izv AN Kir SSR Ser est i tekh nauk 2 no 4 67-93 '60

SEIGNETTOELECTRIC SUBSTANCES see Ferroelectric substances

SEISMIC PROSPECTING

An approximate relationship in the interpretation of short sections of seismic records in the multiple reflection method M. G. Shmidt. Izv. AN Turk SSR Ser fiz. -tekh., fiim i geol. nauk no. 1:84-87 '61.

Dudnik, A. L., and V. A. Tarashchanskii. [Special course "Seismic prospecting methods for ore deposits"] Spetsial'nyi kurs "Seismicheskie metody poiskov i razvedki mestorozhdenii poleznykh iskopaemykh", programma, metodicheskie ukazaniia i kontrol'nye zadaniia dlia uchashchikhsia geofizicheskoi spetsial'nosti zaochnykh otdelenii geologorazvedochnykh tekhnikumov. Kiev, Glav. upr. geol. i okhrany nedr pri Sovete Ministrov USSR, 1960. 129 p. [MICROFILM]

Estimating the sensitivity of recording channels in plotting amplitude graphs of seismic waves [with summary in English] IE. K. Lossova-Pyi. Dop AN URSR no 7 904-907 '61.

Investigating amplitude curves of refracted waves in observations on transverse profiles. M. M. Radzhabov Izv. AN Turk. SSR. Ser. fiz. -tekh., khim i geol nauk no. 1 26-32 '61

Method of differentiating the geological section of Tertiary strata in southwestern Turkmenistan by the β parameter N. N. Vozhzhova. Izv. AN Turk SSR. Ser. fiz. -tekh., khim i geol. nauk no. 1:77-79 '61.

Recent data on the tectonics of the northern subsidence of the Kyurovdag anticline. V. A. Levi. Azerb. neft. khoz. 39 no. 2:5-8 F '60.

Seismic prospecting data on the tectonics of the sediments underlying the producing formation in the Apsheron petroliferous province A. M. Khenkina Azerb. neft khoz 40 no. 6.4-7 Je '61

Using seismic prospecting for studying the tectonics of Mesozoic sediments in offshore areas. N. I. Shapirovskii, IU. G Ganbarov. Azerb neft. khoz 40 no. 1 8-11 Ja '61.

SEISMOMETERS

Apparatus for magnetic recording of earthquakes and remote explosions. A. N. Mozzhenko. Izv. AN Turk. SSR. Ser. fiz. -tekh., khim. i geol. nauk no. 1:33-38 '61.

SEISMOMETRY

Marker profiles of the earth. IU. V. Riznichenko. Vest. AN SSSR 31 no. 8:37-44 Ag '61.

SELENIUM

Recovery of selenium from sludges by the sulfide method. G. Kh. Efendiev, Z. Sh. Karaev. Azerb. khim. zhur. no. 5:99-106 '60.

SELENIUM—METALLURGY

Speed of formation of selenium dioxide during the interaction of elementary selenium with strong sulfuric acid L. S. Getskin, V. V. IAtsuk. Izv. AN Kazakh. SSR Ser. met., obog. i ogneup. no. 2:39-42 '61.

SELENIUM—THERMAL PROPERTIES

Temperature dependence of the thermal conductivity of selenium with an admixture of cadmium [in Azerbaijani with summary in Russian]. G. M. Aliev, B. D. Aliev, I. G Kerimov. Izv. AN Azerb. SSR. Ser. fiz. -mat i tekh. nauk no. 6 99-104 '60

SELF DEFENSE (LAW)

An unprincipled public prosecutor. S. Koblents. Sots. zakon 38 no. 9.64 S '61.

SELF-SERVICE STORES see subdivision under Alma-Ata Province; Kazakhstan

SEMANTICS

On the nature and meaning of the context. G. A. Brutian. Izv. AN Arm. SSR. Obshchestv. nauki no. 5:49-62 My '61.

SEMICONDUCTORS

Calculation of integrals in the method of equivalent orbits and estimation of the parameters of valence bands in semiconductors of the type $A^{III}B^{V}$. A. A. Nranfian Fiz. tver. tela 2 no. 3:474-481 Mr '60.

Comments on the theory of impact recombination in semiconductors V. L. Bonch-Bruevich, IU. V. Gulisev. Fiz. tver tela 2 no. 3 465-473 Mr '60.

Crystallochemical features of semiconducting compounds of transition metals L. D Dudkin. Fiz. tver tela 2 no 3 397-403 Mr '60

Determining the effective rate of surface recombination, the diffusion length, and the depth of p-n junctions from the spectral characteristics of photocells M. Azizov Izv. AN Uz SSR Ser fiz -mat nauk 3,86-90 '61

Effect of an electric field on the electron temperature, electric conductivity, and thermoelectric emission of semiconductors I M Dykman, P. M. Tomchuk Fiz tver tela 3 no 7:1909-1910 Jl '61

Energy methods for analyzing pulse-emitted thermoelectrons. V N. Lutskii. Radiotekh. i elektron. 6 no. 9 1566-1573 S '61.

Energy spectrum of holes in diamond type crystals K IA Shtivel'man Fiz. tver tela 2 no 3 499-501 Mr '60

Kinetics of the "quasi-monopolar" photoconductivity of semiconductors V E Lashkarev Fiz tver. tela 3 no. 7:1963-1972 Jl '61

Negative temperature states arising in p-n junctions of degenerated semiconductors N G Basov, O N Krokhin, IU M Popov Zhur eksp i teor fiz 40 no. 6: 1879-1880 Je '61

Oxide cobalt and manganese semiconductor bolometers A. L. Burkin, I. T. Sheftel' Fiz. tver tela 2 no 2, 288-296 F '60

Properties of copper-steel and copper-aluminum semiconductors from bimetallic materials. G. G. Putsykin, L. A. Vorontsova. Vest elektroprom 32 no 8-11 Ag '61.

"Semiconductor problems" [in German]. Reviewed by V.S. Vavilov. Usp. fiz. nauk 74 no. 4:759-761 Ag '61.

Semiconductors as catalysts. F. F. Vol'kenshtein. Nauka i zhizn' 28 no. 8:11-15 Ag '61.

Some problems connected with recombination and the generation of current carriers in semiconductors V. M Lenchenko Izv AN Uz. SSR Ser. fiz -mat nauk 3:34-42 '61

Structure of energy bands in semiconductors of the type $CuIn_2Se_4$ A I Gubanov, F. M Gashimzade Fiz. tver. tela 2 no 2 255-260 F '60

Theory of the conductivity of electrons in narrow bands of semiconductors in a high electric field V. A IAkovlev Fiz tver tela 3 no 7:1982-1986 Jl '61.

Vitreous semiconductors Part 9. Glass formation in complex chalcogenides based on arsenic sulfide and arsenic selenide. N. A. Goriunova, B. T. Kolomiets, V. P. Shilo Fiz. tver tela 2 no 2 260-263 F '60.

SEMICONDUCTORS—ELECTRIC PROPERTIES

Properties of semiconductors with extremum loops. Part 6. Angle dependence of combination resonance in a high magnetic field. E. I. Rashba, V. I Sheka. Fiz tver. tela 3 no. 8:2369-2376 Ag '61.

Theory of electron transfer on the surface of semiconductor whiskers. G. Chobany Fiz. tver. tela 3 no 8: 2434-2441 Ag '61.

Theory of impurity levels in amorphous semiconductors. A. I. Gubanov. Fiz tver. tela 3 no. 8:2330-2341 Ag '61.

SEMICONDUCTORS—MAGNETIC PROPERTIES

Magnetodiodes with large surfaces. E. I. Karakushan, V. I Stafeev. Fiz. tver. tela 3 no 7:2031-2040 Jl '61

SEMICONDUCTORS—OPTICAL PROPERTIES

Optical properties of semiconductors with a loop of extremums I I Boiko Fiz tver. tela 3 no. 7:1950-1953 Jl '61

SEMICONDUCTORS—SPECTRA

Magnetooptical absorption spectra in semiconductors in the case of arbitrarily formed isoenergetic electron surfaces. Case of closed trajectories. L. I. Korovin. Fiz. tver. tela 3 no. 8:2202-2213 Ag '61.

SEMICONDUCTORS—THERMAL PROPERTIES

Velocity method for determining the thermal conductivity of semiconductors [with summary in English] M. A. Kaganov, I. S Lisker, A. F. Chudnovskii Inzh. -fiz. zhur 4 no 3:110-112 Mr '61.

SEMICONDUCTORS—WELDING

Ultrasonic waves used in welding metals for electric engineering purposes. B V Amosov. [Trudy] MVTU no. 101:100-107 '61.

SEMICONDUCTORS, EFFECT OF RADIATION ON

Photoconductivity and quantum yield in germanium under the action of X rays. M. G. Kamoldinov, E. M. Reikhrudel'. Fiz. tver. tela 3 no. 8:2362-2368 Ag '61.

Photoconductivity in p-type silicon irradiated by neutrons. V. S. Vavilov, A. F. Plotnikov. Fiz. tver. tela 3 no. 8: 2455-2457 Ag '61.

SEMIOZERNOYE DISTRICT—CLERKS (RETAIL TRADE)

Studying helps. N. Turchenko. Koop. Kazakh. 4 no. 4: 44-45 Ap '61.

SEMIOZERNOYE DISTRICT—COOPERATIVE SOCIETIES

True to one's word. N. Mansurov. Koop. Kazakh. 4 no. 5/6 18-23 My-Je '61.

SEMIPALATINSK—EDUCATION, COOPERATIVE

Let's carry it out as soon as possible! U. Abishev, N. Mislavskii Nar. obr. no. 9:58 S '61.

SEMIRECH'YE—BRUCELLOSIS

Role of the migration of Brucella in the epizootiology of brucellosis in different districts of Semirech'ye, first report. G. A. Kolomakin. Vest. sel'khoz. nauki [Kazakh.] 4 no. 3:43-49 Mr '61.

SEMIRECH'YE—DUNGANS

Agricultural development among the Dungans and the Uigurs of the Semirech'ye from the 1870's to the 1890's. L. M. Auzova. Izv. AN Kazakh. SSR Ser. ist., arkheol. i etn. no. 1,56-69 '61.

SEMIRECH'YE—UIGURS

Agricultural development among the Dungans and the Uigurs of the Semirech'ye from the 1870's to the 1890's. L. M. Auzova. Izv. AN Kazakh. SSR Ser. ist., arkheol. i etn. no. 1,56-69 '61.

SENSE ORGANS—FISHES

Availability of food organisms to some fishes under different light conditions. I. I. Girsa. Trudy sov. ikht. kom. no. 13 355-359 '61.

SENSES AND SENSATION

Analyzers and physiological basis of sensory training. M. M. Kol'tsova. Doshk. vosp. 34 no. 9 50-61 S '61.

SENTENCES (CRIMINAL PROCEDURE)

"Sentences in Soviet criminal procedure" by I. D. Perlov. Reviewed by M. Vydria, A. TSubin. Sov. iust. no. 17: 28-29 S '61.

SEPARATORS (MACHINES)

Analyzing the effect of the distance between the disks on the efficiency of a separator. I. V. Lyskovtsov. Izv. vys. ucheb. zav., pishch. tekh. no. 4:112-119 '61.

Design of hydrocyclones based on industrial practice. A. I. Povarov. Obog. rud 5 no. 1, 29-33 '60.

Dressing fine-size iron ores in a three-product hydrocyclone with use of heavy suspensions. S. G. Evsiovich, G. M. Kosoi. Obog. rud 5 no. 4 16-20 '60.

Effect of the rotation of the wall on separation process in a cyclone. L. A. Bogdanov, M. A. Gol'dshtik. Teploenergetika 8 no. 4:58-60 Ap '61.

Formulas for the calculation of hydrocyclones. A. I. Povarov, L. E. Ivanova. Obog. rud 4 no. 3:57 '59.

Hydraulic dust removal from cyclone banks in the sintering plants of the Southern Ore-Dressing Combine. P. A. Liakhov, L. E. Kunin. Obog. rud 5 no. 6:49-53 '60.

Incorrect suggestions concerning the use of spiral separators. I. N. Shorsher. Obog. rud 4 no. 1:42-43 '59.

Maximum permissible rate of steam flow through a separator. N. A. Mozharov. Teploenergetika 8 no. 4: 60-63 '61.

P. V. Komarovskikh and M. F. Anikin's letter to the editor entitled "Use of helical-type separators" and I. N. Shorsher's reply. Obog. rud 5 no. 5:62-65 '60.

Regulation of air separators in a dry milling cycle. E. I. Kul'tin. Obog. rud 3 no. 6:46-49 '58.

Remodeling of the TsKKB-2500 coal dust separator. I. I. Levin. Teploenergetika 8 no. 9:40-44 S '61.

Study of a cyclone separator in a loop with natural circulation. B. A. Dement'ev, A. A. Loginov, V. M. Rishov. Teploenergetika 8 no. 5 52-57 My '61.

SEPULCHRAL MONUMENTS see subdivision under Moscow

SEQUENCES (MATHEMATICS)

Certain infinite systems of equations. E. G. Deich. Zhur. vych. mat. i mat. fiz. 1 no. 1:173-176 Ja-F '61.

Conditions of the convergence of interpolation sequences corresponding to normal sequences of basic points. Proof of the Erdös-Turán assumption. T. Frey. Mat. sbor. 54 no. 2:137-176 Je '61.

Methods of summation of integrals (series) equivalent to Riesz's method. G. V. Badalian. Izv. AN Arm. SSR Ser. fiz.-mat. nauk 14 no. 3:3-16 '61.

SERIES

Asymptotic expansion of cylindrical functions of two imaginary variables. P. I. Kuznetsov. Zhur. vych. mat. i mat. fiz. 1 no. 4:571-589 Jl-Ag '61.

Contour series and their application in methods of integration. I. V. Petukhov. Zhur. vych. mat. i mat. fiz. 1 no. 2:196-207 Mr-Ap '61.

SERIES, DIRICHLET'S

Solution of Riemann type equations in the class of Dirichlet's series. B. S. Bronshtein. Mat. sbor. 54 no. 4:425-452 Ag '61.

SERIES, DIVERGENT

History of the theory of asymptotic series. M. V. Chirikov. Ist.-mat. issl. no. 13:441-472 '60.

SERIES, TAYLOR'S

A-convolutions of Laurent series [with summary in English]. L. O. Dunduchenko, S. A. Kasianiuk. Dop. AN URSR no. 7:845-849 '61.

SERPENTS see subdivision under Chernyye Zemli

SERUM THERAPY

Use of acrichine and anticencephalitis serum in tick-borne encephalitis. I. G. Sipeika. Voen.-med. zhur. no. 5 45-46 My '61.

SERVICE INDUSTRIES see subdivision under Kazakhstan; Ukraine

SERVOMECHANISMS

Actuating mechanisms (basic types and characteristics). B. S. Kogenevskii, L. N. Nisman. Priborostroenie no. 8:11-24 Ag '61.

Characteristics of electromechanical converters with magnetic springs. V. I. Gusakov. Trudy MAI no. 134 107-120 '61.

Characteristics of the hydraulic engines of pumps and valves used in servomechanisms. N. S. Gamynin. Trudy MAI no. 134:100-106 '61.

The IMT-4/2,5 electric actuating mechanism. E. Mirzoian. Prom. Arm. 4 no. 8 52-53 Ag '61.

Principles of calculating systems with combined control. V. G. Teniakov. Trudy MAI no. 134 5-45 '61.

Selection of the transfer ratio of the power reducer of a servomechanism drive. B. I. Petrov. Trudy MAI no. 134 121-141 '61.

SEVAN, LAKE—TROUT

Effect of the drainage of Lake Sevan on the state of its trout stocks. A. I. Smolet. Trudy sov. ikht. kom. no. 13 480-486 '61.

SEVAN LAKE REGION—APPLE

Morphogenesis of flower buds of the apple tree in the basin of Lake Sevan. A. A. Simonian. Izv. AN Arm. SSR. Biol. nauki 14 no. 6:81-84 '61.

SEVAN LAKE REGION—CADDIS FLIES

Biology of some caddis fly species occurring in large masses in rivers and springs of the basin of Lake Sevan. A. M. Meshkova. Izv. AN Arm. SSR. Biol. nauki 14 no. 6:51-58 '61.

SEVAN LAKE REGION—EVAPORATION

Experiments with monomolecular films in the reduction of evaporation carried out on the shore of Lake Sevan. V. S. Makarova, A. M. Mkhitarian. Izv. AN Arm. SSR Ser. tekh. nauk 14 no. 3,43-57 '61.

SEVASTOPOL—GUIDEBOOKS

[Sevastopol; guidebook-manual] Sevastopol; putevoditel'-spravochnik. Simferopol', Krymizdat, 1961. 128 p.

SEVASTOPOL—SIEGE, 1942

"We defended Sevastopol" by E. I. Zhidilov. Reviewed by P. Knyazev. Tyl i snab. Sov. Voor. Sil 21 no. 6 91-96 Je '61.

SEVERODVINSK—CITY PLANNING

Building practices in the young city of Severodvinsk. D. Vasil'ev, K. Cheremisov. Arkhit. SSSR no. 6:48-49 '61.

SEWAGE—PURIFICATION

Clarification of house sewage with suspended precipitate. T. N. Nazarova. Trudy Ural. politekh. inst. no. 85:12-27 '60.

Improved operation of sewage purification plants using surface active substances. IA. A. Karelin. Khim. tekh. topl. i masel 6 no. 8:36-41 Ag '61.

Plan for the water supply, sewerage and purification, and final purification of waste waters from a petroleum refinery. Neftianik 5 no. 8:22-23 Ag '60.

Purification of phenol containing waste waters of washing and steaming stations. K. S. Grishin, S. P. Perfilova. Vest. TSNII MPS 20 no. 5 48-51 '61.

SEWER PIPE

Akademiia stroitel'stva i arkhitektury SSSR, Institut osnovanii i podzemnykh sooruzhenii. [Instructions for laying sewer pipes in water-saturated soil by a rapid *production-line* method] Ukazaniia po sooruzheniiu kanalizatsionnykh truboprovodov v vodonasyshchennykh gruntakh potochno-skorostnym sposobom. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 73 p.

SEWERAGE

Investigating the work of a house sewerage system collecting the waste waters of a metallurgical plant. M. F. Ippolitov, A. G. IUzhaninov. Trudy Ural. politekh. inst. no. 85:43-52 '60.

SEWERAGE, RURAL

Summaries of books. Na stroi. Ros. no. 7:40 Jl '61.

SEX

Role of the rhinencephalon in the activation of the hypophysial-adrenocorticogonadal system and in the formation of emotional and sex behavior. E. Endroczi, K. Lissak. Probl. endok. i gorm. 7 no. 4:18-26 '61.

SEX (BIOLOGY)

Role of the cerebellum in the sexual function of dogs (bitches). L. P. Markarian. Izv. AN Arm. SSR, Biol. nauki 14 no. 6:73-79 '61.

SLYM VALLEY—TERRACES (GEOLOGY)

Quaternary terraces of the Seym River in Belgorod and Kursk Provinces. R. V. Kabanova. Sbor. rab. Kursk. gidromet. obser. no. 1 91-104 '60.

SHAD see subdivision under Caspian Sea

SHAFT SINKING

(see also subdivision under Germany, West; Netherlands)

Rapid sinking of mine shafts. M. Genne. Na stroi. Ros. no. 7:16 Jl '61.

SHAFTING

Biriuk, V. S. [Construction and design of marine shafting gear] Konstruirovanie i raschet sudovykh valopovorotnykh ustroistv. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 123 p.

SHAGANAK, LAKE

Brief characteristics of the Shaganak and Shaglytengiz lakes in northern Kazakhstan. G. G. Muravlev. Trudy Otd. geog. AN Kazakh. SSR no. 8 182-187 '61.

SHAGLYTENGIZ, LAKE

Brief characteristics of the Shaganak and Shaglytengiz lakes in northern Kazakhstan. G. G. Muravlev. Trudy Otd. geog. AN Kazakh. SSR no. 8 182-187 '61.

SHAKESPEARE, WILLIAM, 1564-1616

Is realism obsolescent? Vl. Shcherbina. Teatr. 22 no. 9 70-78 S '61.

SHALE

(see also subdivision under Volga-Ural region)

Experimental and industrial testing of the keramzit manufacturing process from shale. V. V. Vershinina, G. A. Shlapak. Trudy Alt. GMNII AN Kazakh. SSR 11 130-131 '61.

SHALIAPIN, BORIS FEDOROVICH

Portraits by Boris Shaliapin. M. Dolinskii, S. Chertok. Teatr. 22 no. 9 131-139 S '61.

SHAMSHADINSKIY DISTRICT—SOCIAL GROUP WORK

Our intelligentsia. K. Udumian. Part. zhizn' no. 18: 65-67 S '61.

SHAW, GEORGE BERNARD, 1856-1950

Bernard Shaw's unknown letters. N. S. Isaev. Ist. arkh. 7 no. 4:253 Jl-Ag '61.

SHEAR (MECHANICS)

Anomalies of the shear modulus in MnO, CoO, Cr_2O_3, antiferromagnetic materials. L. A. Evtushenko, R. Z. Levitin. Fiz. met. i metalloved. 12 no. 1:155-157 Jl '61.

Determining shear stresses under the effect of pressure on ring specimens. B. A. Shapochkin, L. B. Pirogova. Fiz. met. i metalloved. 12 no. 1:148-149 Jl '61.

SHEARS (MACHINE TOOLS)

Effect of superhigh shearing speeds on the depth of the cold-worked layer. G. D. Polosatkin, N. F. Zamashanskaia, G. S. Stepanova. Izv. vys. ucheb. zav., fiz. no. 4, 173-175 '61.

The N407 shears for cutting light-alloy sheets. I. V. Stanovoi. Bull. tekh.-ekon. inform. no. 7-10-11 '61.

SHEBUEV, GEORGII ALEKSANDROVICH, 1891-

Great talent. Vl. Mol'ko. Teatr. 22 no. 9 160-161 S '61.

SHEEP

(see also subdivision under Kazakhstan)

Smirnov, L. F. [Raising Romanov sheep] Romanovskoe ovtsevodstvo. Pod red. A. I. Kruglova. [Iaroslavl'] [Iaroslavskoe knizhnoe izd-vo, 1961. 229 p. (DA)

SHEEP—DISEASES AND PESTS

(see also subdivision under Dengizskiy District)

Coccidian species infesting domestic sheep in Tajikistan. M. V. Krylov. Izv. Otd. sel'khoz. i biol. nauk AN Tadzh. SSR no. 1 140-175 '59.

Helminth diseases and the production of lamb. R. S. Shul'ts. Vest. sel'khoz. nauki [Kazakh.] 4 no. 6:35-Je '61.

Survival of coccidian oocysts from sheep in seasonal pastures of Tajikistan. M. V. Krylov. Izv. Otd. sel'khoz. i biol. nauk AN Tadzh. SSR no. 1,101-111 '60.

SHEEP BREEDING

(see also subdivision under Tajikistan; West Kazakhstan Province)

Inheritance of the fineness of wool in crossbreeding fine-wool X coarse-wool hybrids with fine-wool and medium-fine wool rams. M. A. Eremkov, P. H. Gladkov. Vest. sel'khoz. nauki [Kazakh.] 4 no. 3:33-37 Mr '61.

Majashenko, I. N. [Three hundred and seventy-four lambs from one hundred ewes in two years] 374 iagnenka ot 100 matok za dva goda. Moskva, Izd-vo sel'khoz. lit-ry, 1960. 52 p.

Multiparity in sheep in connection with age and live weight. P. F. Gladkov. Vest. sel'khoz. nauki [Kazakh.] 4 no. 1:54-58 Ja '61.

SHEEP BREEDING (Continued)

Nikolaev, A. I. [Sheep breeding] Ovtsevodstvo. Izd. 2., perer. i dop. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 348 p. (Uchebniki i uchebnye posobiia dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii) (DA)

SHEEPSHEARING

Khan, A. V., and R. M. Kaplan. [Using electric equipment at consolidated sheep-shearing stations] Elektrooborudovanie ukrupnennykh strigushchikh punktov. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 46 p. (DA)

SHEET IRON

Efficient lubrication for the rolling of thin sheet iron. I. K. Tokar', I. A. Chamin. Metallurg 6 no. 8 22-24 Ag '61.

SHEET METAL—WELDING

Correcting the buckling of thin-sheet welded structures by rolling. S. A. Kurkin, V. A. Vinokurov. [Trudy] MVTU no. 101 186-196 '61.

SHEET METAL WORK

(see also subdivision under Leningrad)

Cold upsetting and punching of gas welding equipment parts. N. E. Vakhurin. Kuz.-shtam. proizv. 3 no. 8, 21-25 Ag '61.

SHEET-METAL-WORKING MACHINERY

"Automatically controlled die stamping equipment" by G. M. Rodov, I. M. Podrabinnik. Reviewed by S. L. Zlotnikov. Kuz.-shtam. proizv. 3 no. 8:48 Ag '61.

SHEET PILING

Experimental investigation of the interaction between a sheet-pile wall and the ground. IU. M. Goncharov. [Trudy] NIIOSP no. 43 27-41 '61.

SHEET STEEL—WELDING

One-side argon arc welding of thin-sheet steel with a slight increase in weld thickness on the other side. IU. I. Kulev. Svar. proizv. no. 9 27 S '61.

One-side, two-phase argon-arc welding of thin sheet steel alloys. S. L. Mandel'berg, V. G. Gordonnyi. Avtom. svar. 14 no. 9 66-73 S '61.

SHELGUNOV, NIKOLAI VASIL'EVICH, 1824-1891

Slabkii, A. S. [N. V. Shelgunov's philosophy] Mirovozrenie N. V. Shelgunova. Pod red. D. F. Ostrianina. Khar'kov, Izd-vo Khar'kovskogo univ., 1960. 192 p. (MH) (CSt-H)

SHELL ROOFS see Roofs, Shell

SHEMAKHA DISTRICT—TILLAGE

Reclamation of steep slopes by strip tillage in Shemakha District. K. S. Ragimov. Izv. AN Azerb. SSR Ser. biol i med. nauk no. 6:97-105 '61.

SHEVCHENKO, TARAS, 1814-1861

Brief news. N. Karasheva, A. Narymbetov. Izv. AN Kazakh. SSR Ser. filol i tsk. no. 2 109-110 '61.

Influence of folk literature in poems written by Shevchenko depicting social customs and the way of life. T. I. Komarynets'. Nauk. zap. L'viv. derzh. ped. inst. 16:21-44 '60.

Ivakin, IU. O. [Style of political poetry written by Shevchenko] Styl' politychnoi poezii Shevchenka; etiudy. Kyiv, Vyd-vo Akad. nauk URSR, 1961. 278 p.

Kravchuk, P. I. [Taras Shevchenko in Canada] Taras Shevchenko v Kanadi. Za red. IE. P. Kyrylluka. Kyiv, Derzh. vyd-vo khudozhn'oi lit-ry, 1961. 211 p.

Many have boarded ship.... Maksim Ryl'skii. Znamia 31 no. 9:10-12 S '61.

Ryl'skyi, Maksym. [Poetry of Taras Shevchenko] Poezilia Tarasa Shevchenko, Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 69 p.

Shabliovs'kyi, IE. S. [Patriotism in the works of T. H. Shevchenko] Patriotychni idei v tvorchosti T. H. Shevchenka. Kyiv, Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' URSR, 1961. 91 p.

Taras Shevchenko in Turkmen. G. Kulieva. Izv. AN Turk. SSR, Ser. obshchestv. nauk no. 2:73-75 '61.

SHEVCHENKO, TARAS, 1814-1861—BIBLIOGRAPHY

see Bibliography—Shevchenko, Taras, 1814-1861

SHINGLES

New chipping unit. S. Bogachev. Sel'. stroi. 16 no. 7:13 Jl '61.

SHIP MODELS—TESTING

Using the electrohydrodynamic method in investigating the phenomena of the flow of the stream around cargo ships under conditions of a restricted fairway. V. IU. P'iatets'kyi. Visti Inst. gidrol. i gidr. AN URSR 17 53-58 '60.

Visualizing the flow of the stream around the ship model. V. IU. P'iatets'kyi. Visti Inst. gidrol. i gidr. AN URSR 17 47-52 '60.

SHIP PROPULSION

Biriuk, V. S. [Construction and design of marine shaft-turning gear] Konstruirovanie i raschet sudovykh valopovorotnykh ustroistv. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 123 p.

Pavlenko, G. E., V. A. Stepanov, and O. G. Dudchenko. [Determining ship elements for propulsion on canals at supercritical speeds] Opredelenie elementov sudov dlia dvizheniia na kanalakh so sverkhkriticheskimi skorostiami. Kiev, Izd-vo Akad. nauk USSR, 1961. 28 p.

SHIP RESISTANCE

Resistance of water during the heave of the ship. V. I. Korol'ov. Visti Inst. gidrol. i gidr. AN URSR 17 66-77 '60.

SHIPBUILDING

Leningrad. TSentral'nyi nauchno-issledovatel'skii institut morskogo flota. [Economic aspects and operation of the merchant marine; present state and trends in the expansion of the marine passenger fleet in capitalist countries] Ekonomika i ekspluatatsiia morskogo flota, sovremennoe sostoianie i tendentsii razvitiia morskogo passazhirskogo flota kapitalisticheskikh stran. Leningrad, Izd-vo "Morskoi transport," 1961. 67 p. (Trudy, no. 33)

SHIPBUILDING—ACCOUNTING

Loginov, S. P., and M. P. Tolkachev. [Calculation methods in shipbuilding] Metody kal'kulatsii v sudostroenii. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 187 p.

SHIPBUILDING—JOB DESCRIPTIONS

New wages and classification manual for shipbuilding workers. Sots. trud 6 no. 8,139-140 Ag '61.

SHIPBUILDING—LABOR PRODUCTIVITY see subdivision under Krasnoyarsk Territory

SHIPS

Motion of ships on underwater wings. M. V. Shaibo. Visti Inst. gidrol. i gidr. AN URSR 17 34-46 '60.

SHIPS—CORROSION

Electrochemical protection against corrosion of the hulls of sea-going vessels. V. F. Negreev, M. S. Trifel', M. R. Nuriev. Azerb. khim. zhur. no. 3:115-132 '60.

SHIPS—HEATING AND VENTILATION

Method of operation of ventilation systems on ships. E. P. Sergeev, A. I. Senkevich, N. N. Eremeev. Voen.-med. zhur. no. 6 61-65 Je '61.

SHIPS—HYDRODYNAMICS

Experimental investigation of bending moments in the body of a ship in waves. V. I. Korol'ov. Visti Inst. gidrol. i gidr. AN URSR 17 78-81 '60.

Experimental investigation of the agitation of water caused by the motion of ships in canals at supercritical speeds. O. H. Dudchenko. Visti Inst. gidrol. i gidr. AN URSR 17 23-33 '60.

Experimental investigation of the motion of ships in canals at supercritical speeds. V. O. Stepanov. Visti Inst. gidrol. i gidr. AN URSR 17 3-22 '60.

SHIPS—LIGHTING

Krasil'nikov, F. F. [Installation of electric-lighting equipment on ships] Montazh sudovogo osvetitel'nogo elektrooborudovaniia. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 143 p.

SHIRAKI STEPPE—AGRICULTURE

Churakov, N. D., and A. M. Bagdasarian. [A man of our times] Chelovek nashego vremeni. Moskva, Gos. izd-vo polit. lit-ry, 1961. 54 p. (Stranitsy nashei zhizni) (DA)

SHIRVAN STEPPE see Kura Lowland

SHOCK WAVES

Calculation of the interaction of nonstationary shock waves with obstructions. V. V. Rusanov. Zhur. vych. mat. i mat. fiz. 1 no. 2:267-279 Mr-Ap '61.

Change of entropy in the relaxation of a gaseous mixture behind a shock wave. IU. P. Lun'kin. Zhur. tekh. fiz. 31 no. 9 1112-1118 S '61.

Experimental study of a shock wave in air following an underwater explosion in a shallow reservoir. V. N. Kostiuchenko, N. N. Simonov. PMTF no. 1 135-137 My-Je '60.

Increase of pressure in a blast shock wave in the direction of the wind. P. F. Korotkov. PMTF no. 3: 26-35 S-O '61.

Interaction between a shock wave and the free surface of a liquid. K. A. Bezhanov. Zhur. vych. mat. i mat. fiz. 1 no. 1:129-143 Ja-F '61.

Investigating the state of krypton behind a shock wave. A. P. Dronov, A. G. Sviridov, N. N. Sobolev. Opt. i spektr. 10 no. 3:312-321 Mr '61.

Magnetohydrodynamic surface waves. L. S. Solov'ev. Zhur. tekh. fiz. 31 no. 4:407-418 Ap '61.

Method for analyzing the products of an explosion by measuring the parameters of the shock waves formed. O. A. TSukhanova. Zhur. tekh. fiz. 30 no. 2:242-247 F '60.

Propagation of successive shock waves. B. G. Safronov, G. G. Aseev, IU. S. Azovskii. Zhur. tekh. fiz. 31 no. 9 1066-1072 S '61.

Rarefaction shock waves in iron and steel. A. G. Ivanov, S. A. Novikov. Zhur. eksp. i teor. fiz. 40 no. 6:1880-1882 Je '61.

Studying the magnetic properties of a plasma behind a strong shock wave front. K. D. Sinel'nikov and others. Zhur. tekh. fiz. 31 no. 8:893-898 Ag '61.

Theory of short waves. A. A. Grib, O. S. Ryzhov, S. A. Khristianovich. PMTF no. 1 63-74 My-Je '60.

Use of a single-pulse shock tube for studying the total kinetics of the thermal decomposition of methane [with summary in English]. G. I. Kozlov, V. G. Knorre. Inzh. fiz. zhur. 4 no. 7 11-16 Jl '61.

SHOE INDUSTRY

(see also subdivision under Armenia; Erivan, Georgia)

Assembly-line work and wage payment systems. V. Spirova and others. Sots. trud 6 no. 8:105-115 Ag '61.

Shoe factories have to be built according to standard plans. M. M. Popov. Kozh.-obuv. prom. 3 no. 6 4-8 Je '61.

State and structure of the capital assets of the leather and shoe industries. V. V. Fedorov. Kozh.-obuv. prom. 3 no. 6:8-11 Je '61.

SHOE INDUSTRY—HYDRAULIC EQUIPMENT

Semiautomatic hydraulic press for forming shank pieces. B. G. Vorsovskii, L. E. Zil'berman. Kozh.-obuv. prom. 3 no. 6 27-28 Je '61.

SHOE MANUFACTURE see subdivision under Armenia

SHOLOKHOV, MIKHAIL ALEKSANDROVICH, 1905-

Kokta, M. D. [Mikhail Sholokhov's mastery in journalistic writing] Publitsistika Mikhaila Sholokhova; k voprosu masterstva. Kyiv, Derzhlitvydav Ukrainy, 1960. 1 v. (CLU)

SHOOTING, MILITARY

Do away with all shortcomings in the organization of marksmanship training. S. Prokhorov, P. Klovtsov. Komm. Vooruzh. Sil 1 no. 6,73-76 Mr '61.

Prepare thoughly for firing. P. V. Shutov. Vest. protivovozd. obor. no. 7:13-15 Jl '61.

"Zeroing in" a carbine. N. N. Bezdenezhnykh. Vest. protivovozd. obor. no. 9 68 S '61.

SHORE PROTECTION

(see also subdivision under Tsimlyansk Reservoir)

Black alder strengthens banks. Ladislaw Wlk. Priroda 50 no. 9 100-102 S '61.

SHORING AND UNDERPINNING

Devices for bracing the sides of trenches. O. Katkov. Stroitel' no. 7 30-31 Jl '61.

SHORT CIRCUITS

Preventing single-phase short-circuits to ground in networks carrying a voltage of 380 volt. A. M. Piskunov. Prom. energ. 16 no. 9,19-20 S '61.

SHORTWAVE RADIO see Radio, Shortwave

SHOSSEYNAYA REGION—THUNDERSTORMS

Conditions of the genesis and development of air-mass thunderstorms in the region of the Shosseynaya Meteorological Station. G. I. Novikov and others. Sbor. rab. po sinop. no. 5:87-91 '60.

SHOT PEENING

Pneumatic suction system for peening surfaces of various objects with steel shot. V. S. Dvornikov. Stan. i instr. 32 no. 8,7-12 Ag '61.

SHOVELS

Mechanical shovel for digging up large plantings. M. I. Chashkin, A. S. Debelii. Gor. khoz. Mosk. 35 no. 8:39-40 Ag '61.

SHOVKUNENKO, ALEKSEI ALEKSEEVICH, 1864-

Vladich, L. V. [Alekseĭ Alekseevich Shovkunenko, People's Artist of the U. S. S. R.] Alekseĭ Alekseevich Shovkunenko, narodnyĭ khudozhnik SSSR. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1960. 30 p. (MH)

SHRUBS

Annual cycle in the development of trees and shrubs. A. P. Rinovidov, V. A. Elagina. Vest. sel'khoz. nauki [Kazakh.] 4 no. 3:61-71 Mr '61.

SHUKHOV, IVAN PETROVICH, 1906-

Kurova, K. [Ivan Shukhov; a biographical sketch] Ivan Shukhov; kritiko-biograficheskii ocherk. Alma-Ata, Kazakhskoe Gosilitizdat., 1960. 172 p. (MH)

SIAMESE LANGUAGE—DICTIONARIES—ENGLISH

"Modern standard Thai-English dictionary" [in English] by Plang Phloyphrom. Reviewed by L. N. Morev. Nar. Azii i Afr. no. 2:219-220 '61.

SIAZAN' REGION—HYDROCARBONS

Study of the individual hydrocarbon composition of the gasoline fraction from Siazan' oil [in Azerbaijani with summary in Russian]. G. G. Ashumov, A. B. Nasirov, M. M. Melik-zade. Azerb. neft. khoz. 40 no. 1:37-38 Ja '61.

SIAZAN' REGION—OIL FIELDS—PRODUCTION METHODS

Practice of multizone exploitation in the Siazan' oil field G. A. Guseinov Azerb. neft. khoz 39 no. 1 25-26 Ja '60

SIBERIA—AFFORESTATION

And forests will rustle in the tundra. N. S. Rusanovskii Put' i put. khoz 5 no. 6 31-33 Je '61

SIBERIA—ANTIQUITIES

Archaeological discoveries at the great construction sites of the East. A. P. Okladnikov. Vest. AN SSSR 31 no. 8 71-77 Ag '61.

SIBERIA—DESCRIPTION AND TRAVEL

Mikhaikov, S. V., and A. G. Aleksin. [We met in the Arctic] My vstretilis' v Zapolini'e. Moskva] Molodaia gvardiia, 1960. 53 p. (MH)

SIBERIA—DISCOVERY AND EXPLORATION

Karpov, G. V. [P. A. Kropotkin, the explorer of the Siberian land] Issledovatel' zemli Sibirskoi P. A. Kropotkin. Moskva, Gos. izd-vo geogr. lit-ry, 1961. 55 p. (Zamechatel'nye geografy i puteshestvenniki)

SIBERIA—ELECTRIFICATION

Push into Siberia. I. B. Krasnov. Ogonek 39 no. 15 7-8 Ag '61.

SIBERIA—FOREST INSECTS—CONGRESSES

Symposium on the Siberian silkworm (Dendrolimus sibiricus Tschtv.). A. I. Cherepanov. Zool. zhur. 40 no. 8 1272-1274 Ag '61.

SIBERIA—HISTORY—BIBLIOGRAPHY

Literature on the history of Siberia published in 1960; a brief critico-bibliographical survey V. I. Dulov. Izv. Sib. otd. AN SSSR no. 9:131-135 '61.

SIBERIA—HUNS

Hunnic antiquities in Transbaikalia A. V. Davydova Trudy BKNII no. 1 71-76 '59

SIBERIA—METALLURGICAL PLANTS—SAFETY MEASURES

"Let's increase safety measures at metallurgical plants" Bezop. truda v prom. 5 no. 9:11 Ag '61

SIBERIA—ONIONS

Phytocidal activity of certain wild onions of Siberia. A. R. Verner, G. V. Dolova, E. M. Gontar'. Izv. Sib. otd. AN SSSR no. 7, 84-91 '61

SIBERIA—PLANT DISEASES

Characteristics of the agricultural phytopathology of Siberia. E. E. Geshele. Trudy OmSKhI 43:3-9 '61.

SIBERIA—PROSTHESIS

History of prosthetic treatment in Siberia and the role of Professor N. I. Berezneguvskii in the organization of the Prosthesis Institute in Tomsk. I. A. Moshchitskii Ortop., travm. i protez. no. 5:61-64 '61

SIBERIA—REVOLUTION, 1917-1921—PERSONAL NARRATIVES

Malyeev, I. G. [Roots of eternal friendship] U istokov vechnoi druzhby. [Novosibirsk] Novosibirskoe knizhnoe izd-vo, 1959. 140 p. (InU)

SIBERIA—WORLD WAR, 1939-1945

Brigades of the Communist Youth Leaguers and young workers in the industrial enterprises of Novosibirsk and Tomsk during the Great Patriotic War. E. P. Chechkina. Uch. zap. TGU no. 37:183-196 '59

Political propaganda on the Tomsk Railroad in the early phase of the Great Patriotic War. I. V. Elizarov. Uch. zap. TGU no. 37:163-173 '59

SIBERIA, EASTERN—FIELD CROPS—VARIETIES

Valuable field crop varieties for Eastern Siberia. M. E. Vil'chinskii. Vest. sel'khoz. nauki 6 no. 8:51-55 Ag '61.

SIBERIA, EASTERN—LARCH

Dylis, N. V. [Larch of Eastern Siberia and the Far East; variability and natural multiformity] Listvennitsa Vostochnoi Sibiri i Dal'nego Vostoka; izmenchivost' i prirodnoe raznoobrazie. Moskva, Izd-vo Akad. nauk SSSR, 1961. 208 p.

SIBERIA, EASTERN—MINERAL WATERS

Akademiia nauk SSSR, Sibirskoe otdelenie, Vostochno-Sibirskii geologicheskii institut. [Mineral waters of the southern part of Eastern Siberia] Mineral'nye vody iuzhnoi chasti Vostochnoi Sibiri. Moskva.

Vol. 1. [Hydrogeology of mineral waters and their significance for the national economy] Gidrogeologiia mineral'nykh vod i ikh narodnokhoziaistvennoe znachenie. Pod obshchei red. V. G. Tkachuk i N. I. Tolstikhina. 1961. 346 p.

SIBERIA, EASTERN—RAILROADS—CONSTRUCTION

Key from the Sayan treasure chest. Iu. Gur'ev. Ogonek 39 no. 33:8-9 Ag '61.

SIBERIA, WESTERN—BUILDING RESEARCH

In close cooperation with construction workers. M. Vlasov. Na strot. Ros. no. 7:5-7 Jl '61.

SIBERIA, WESTERN—CHERNOZEM SOILS

Humus content of the Chernozems of Western Siberia. N. I. Bogdanov. Trudy OmSKhI 43 11-22 '61

SIBERIA, WESTERN—STEEL INDUSTRY

At the building site of an important industrial plant A. Morozov Komin. Vnedrzh. Sil. 1 no. 3 67-70 N '60

SIBERIA, WESTERN—WATER, UNDERGROUND

Subterranean ocean. G. Skalinto. Znan. ta pratsia no. 10:9 O '61.

SIBERIA IN LITERATURE AND ART

Kulik, L. S. [The Siberian stories of V. G. Korolenko] Sibirskie rasskazy V. G. Korolenko. Kiev, Izd-vo Akad. nauk USSR, 1961. 60 p.

SIDERITE

Nature of ferromagnetic oxidation products of siderites. S. K. Grebnev, N. A. Vasilutinskii, L. I. Vasilutinskaia Zhur. prikl. khim. 34 no. 6 1690-1695 Ag '61.

Unit for dressing siderite ore in heavy suspensions (Siegerland, German Federal Republic). S. G. Evsiovich. Obog. i ud. 3 no. 6:53-56 '58

Use of siderite for the reduction roasting of brown iron ores. A. A. Skalinbin. Obog. i ud. 4 no. 5:20-22 '59.

SIERAKOWSKI, ZYGMUNT, 1826-1863

Zygmunt Sierakowski's three unknown letters. H. Pisarek. Ist. arkh. 7 no. 4:224-228 Jl-Ag '61

SIEROZEM SOILS see subdivision under Golodnaya Steppe, Nakhichevan A. S. S. R.

SIERRA LEONE—ECONOMIC CONDITIONS

In the country of Lion Mountains. O. Orestov. Ogonek 39 no. 34:22-23 Ag '61.

SIERRA LEONE—POLITICS AND GOVERNMENT

In the country of Lion Mountains. O. Orestov. Ogonek 39 no. 34 22-23 Ag '61.

SIGHT see Vision

SIGNALS AND SIGNALING

Origin of the S. O. S. signal. M. Vasiliuk. Znan. ta pratsia no. 7:32 Jl '61.

SILANE

Monoorganosilanes. Part 2. Reactivity of monoorganosilanes in contact with alcohols V. O. Reikhsfel'd, V. A. Prokhorova Zhur. ob. khim. 31 no. 8 2613-2618 Ag '61

Reactions of chloromethylmethylalkoxysilanes with sodium salts of diethylphosphoric and dimethylphosphinic acids K. A. Andrianov, I. K. Kuznetsova Izv. AN SSSR, Otd. khim. nauk no. 8:1454-1456 Ag '61.

SILANE—SPECTRA

Vibration spectrum and force field of the trimethylchlorosilane molecule. I. F. Kovalev Opt. i spektr. 10 no. 6:707-712 Je '61.

SILESIA, POLAND—MINES AND MINERAL RESOURCES

Twenty years later. Ioan Grigorescu. Vokrug sveta no. 8:50-52 Ag '61.

SILICA

Dynamics of the desorption of iodine from silica gel. M. V. Tovbin, V. P. Musiienko Visnyk Kyiv. un. no. 2. Ser. fiz. ta khim. no. 1:87-93 '59.

Effect of dissolved dyes on the formation of specific adsorption properties of a silica gel surface. Z. Z. Vysotskii, L. F. Divnich, M. V. Polikov. Dokl. AN SSSR 139 no. 6:1400-1402 Ag '61.

Rare earth silicates. Report No. 5. Phase diagrams of the system Dy_2O_3 - SiO_2 and Er_2O_3 - SiO_2. N. A. Toropov, F. IA. Galakhov, S. F. Konovalova Izv. AN SSSR Otd. khim. nauk no. 6:1365-1371 Ag '61.

Using silica gel as an adsorbent for separating saturated and unsaturated hydrocarbons in refinery gases. Al. M. Kuliev and others. Azerb. neft. khoz. 40 no. 1. 36-37 Ja '61.

SILICIDES

Crystalline structure of monosilicides of transition metals. V. S. Neshpor. Kristallografiia 6 no. 3 466-469 My-Je '61.

SILICON

Applicability of the parameter "effective surface recombination rate" for Ge and Si. V. A. Petrusevich, O. V. Sorokin, V. I. Kruglov. Fiz. tver. tela 3 no. 7:2023-20-30 Jl '61.

Current oscillations arising in silicon at high pulse voltages. M. S. Kosman, B. S. Muravskii. Fiz. tver. tela 3 no. 8:2504-2506 Ag '61.

Energy diagram for a real silicon phototube. V. K. Subashiev, E. M. Pedash. Fiz. tver. tela 2 no. 2, 213-220 F '60.

Investigation of the distribution of impurities in the surface layer of n-type silicon photoelectric converters of solar energy. A. K. Zaitsev, A. IA. Gliberman. Fiz. tver. tela 3 no. 8:2377-2382 Ag '61.

Optical absorption of germanium and silicon beyond the main absorption edge at high temperatures IU. I. Ukhanov. Fiz. tver. tela 3 no. 7:2105-2110 Jl '61.

Photoelectron emission from amorphous and crystalline germanium and silicon Fiz. tver. tela 2 no. 2 314-318 F '60

Recombination levels in p-type silicon arising at high-temperature treatment. G. N. Galkin, E. L. Nolle, V. S. Vavilov. Fiz. tver. tela 3 no. 8:2355-2361 Ag '61

Theory of the anodic dissolution of silicon V. A. Miamlin Dokl. AN SSSR 139 no. 5 1153-1156 Ag '61

SILICON—ELECTRIC PROPERTIES

Effect of gold on the electrical properties of silicon. B. I. Boltaks, G. S. Kulikov, R. Sh. Malkovich Fiz. tver. tela 2 no. 2 181-191 F '60

Photoconductivity in p-type silicon irradiated by neutrons. V. S. Vavilov, A. F. Plotnikov Fiz. tver. tela 3 no. 8: 2455-2457 Ag '61.

SILICON-BORON ALLOYS see Boron-silicon alloys

SILICON CARBIDE

Dynamic volt-ampere characteristics of resistors made from silicon carbide. V. V. Pasynkov, G. T. Kholuianov, L. K. Chirkin Fiz. tver. tela 2 no. 3 434-437 Mr '60.

Electrical properties of welded-in p - n junction in silicon carbide. T. E. Kharlamova, G. F. Kholuianov Fiz. tver. tela 2 no. 3 426-433 Mr '60

SILICON CARBIDE CRYSTALS—GROWTH

Decomposition of high steps of growth spirals on silicon carbide crystals. Bohumil Wlach. Kristallografia 6 no. 4:614-615 Jl-Ag '61.

SILICON-COBALT-NICKEL ALLOYS—DENSITY

Density of liquid alloys of silicon with cobalt and nickel. P. V. Gel'd, IU. M. Gertman. Fiz. met. i metalloved 12 no. 1:47-50 Jl '61.

SILICON-COPPER-NICKEL ALLOYS see Copper-nickel-silicon alloys

SILICON CRYSTALS

Absorption of infrared radiation by free charge carriers in silicon V. S. Vavilov Fiz. tver. tela 2 no. 2 374-377 F '60.

Generation centers in diffused p-n junctions in silicon. E. L. Nolle, G. N. Galkin. Fiz. tver. tela 3 no. 8 2350-2354 Ag '61

Partial adsorption and desorption of residual gas components on the surfaces of germanium and silicon single crystals in a very high vacuum [with summary in English]. N. D. Morkhatis, R. Y. Marchenko. Ukr. fiz. zhur. 6 no. 3:378-385 My-Je '61.

SILICON CRYSTALS—SPECTRA

Effect of a high-frequency electric field on the edge of the main optical absorption band in silicon K. I. Britsyn, V. S. Vavilov Fiz. tver. tela 3 no. 8, 2487-2499 Ag '61.

SILICON-GERMANIUM ALLOYS see Germanium-silicon alloys

SILICON-IRON-CARBON ALLOYS see Iron-carbon-silicon alloys

SILICON ORGANIC COMPOUNDS

Addition of triphenylmethyl radicals to enynes and silicon hydrocarbons. A. A. Petrov, M. D. Stadnichuk, IU. I. Khetuze. Dokl. AN SSSR 139 no. 5 1121-1127 Ag '61.

Studies of the synthesis and transformations of unsaturated organosilicon compounds. Synthesis of branched silicon hydrocarbons of the diacetylenic series I. A. Shikhiev, M. I. Aliev, B. M. Guseinzade. Dokl. AN SSSR 139 no. 5 1138-1140 Ag '61.

Synthesis and properties of organosilicon diesters. D. N. Andreev, V. P. Liutyi. Zhur. ob. khim. 31 no. 8: 2726-2729 Ag '61.

Synthesis and transformations of unsaturated organosilicon compounds. Reactions of γ-silicon-containing acetylenic chlorides with sodium acetoacetic and sodium malonic esters. M. F. Shostakovskii, V. P. Kuznetsova, N. V. Komarov. Zhur. ob. khim. 31 no. 8: 2504-2507 Ag '61.

[Synthesis of organosilicon monomers] Sintez kremniiorganicheskikh monomerov. [By] A. D. Petrov i dr. Moskva, Izd-vo Akad. nauk SSSR, 1961, 550 p.

SILK MANUFACTURE see subdivision under China; Erivan; Moscow

SILKWORMS

Chromosome complex of a Shanghai strain of the wild silkworm Bombyx mandarina M. M. D. Golysheva. TSitologiia 3 no. 4:467-468 Jl-Ag '61.

Effect of atmospheric humidity and moisture contained in leaves on the development and viability of silkworm larvae (Bombyx mori L.) [with summary in English]. G. V. Samokhvalova and others. Zool. zhur. 40 no. 8: 1192-1204 Ag '61.

SILKWORMS—DISEASES

Cause of the "milky disease" in caterpillars of the Siberian silkworm (Dendrolimus sibiricus Tschtv.) A. B. Gukasian. Izv. Sib. otd. AN SSSR no. 7:120-121 '61

nniia stroitel'stva i arkhitektury. SSSR. Institut anizatsii, mekhanizatsii i tekhnicheskoi pomoshchi oitel'stvu. [Standard technical tables for assembling, ing with hydraulic jacks, and disassembling the al moveable (sliding) formwork of silo frames for d silos with a diameter of 6 m.] Tipovye tekhnologi-skie karty na proizvodstvo rabot po montazhu, 'emu gidrodomkratami i demontazhu metallicheskoi vizhnoi (skol'ziashchei) opalubki silosnykh korpusov uglymi silosami diametrom 6 m, na osnove opyta oitel'stva zernovykh elevatorov. Moskva, Gos vo lit-ry po stroit., arkhit. i stroit materialam, i. 43 p.

nique of erecting silos with sliding formwork A A kanov. Mont i spets rab v stroi 23 no 8 22-26 '61

—FIRES AND FIRE PREVENTION

regulations. Pozh. delo 7 no. 8:3 of cover Ag

see subdivision under Kiliyskoye Girlo region

R

ication of the pulse calorimetric method for deter-ining the solvation energy of oxygen in silver [with mmary in English] V O Pervakov, V B Khotke-h Ukr fiz. zhur. 6 no 3 408-411 My-Je '61

ation-reduction processes and silver concentration electron-exchange polymers A B. Davankov, T. A. tova, Z M Giterman, Zhur. prikl. khim. 34 no 8 2-1857 Ag '61

oelectronic emission from dispersed silver films ii Sarbei, H. A Katrych Ukr fiz zhur. 6 no 3 -420 My-Je '61.

R CHLORIDE

ct of infrared light on the luminescence of silver oride. V. M Belous, N. G D'iachenko. Opt. i ektr 10 no. 5 649-652 My '61.

ility of silver chloride in aqueous solutions of orides of iron, calcium ammonium and sodium G. Azerbaeva, A L. TSeft Izv. AN Kazakh. SSR Ser .. obog. i ogneup. no. 2:85-90 '61

R CYANIDE

id extraction of complex cyanide compounds of gold silver from alkaline solutions B N. Laskorin, Plaksin Dokl AN SSSR 139 no 5 1170-1172 Ag

R FOX—FEEDING AND FEEDS see subdivision ar Kazakhstan

R IONS

rochemical method of sorption and desorption of sil-on ionites. A. B. Davankov, V. M. Laufer. Izv. vys. eb. zav., tsvet. met. 4 no. 4 121-123 '61.

R NITRATE

od for detecting neural elements in the stomach wall eptic ulcer by impregnation with silver nitrate. V A netsov. Arkh pat 21 no. 8 74 '59

R OXIDES—SPECTRA

ed absorption spectrum of silver oxide. E. F. ss, F. I Kreingol'd Opt. i spektr 10 no 3:417-Mr '61.

ROPOL'—FRUIT—PRESERVATION

production line in preparing stone fruit preserves. , Korenevskii, Kons. i ov. prom. 16 no 6:14-15 '61

—WORLD WAR 1939-1945 UNDER

New method of preheating sinter charges I M Arkhipov. Obog rud 4 no. 4 29-33 '59

Nodulizing iron-ore concentrates; survey of foreign practices D. V Ustinov Obog rud 3 no 6:21-25 '58

Outlook for the development of techniques in iron-ore dressing and sintering of concentrates. Obog. rud 3 no 5 3-6 '58.

Preparation of open-hearth furnace sinter from Krivoy Rog iron ores. I M Arkhipov Obog rud 4 no 3 21-29 '59

Self-adjusting system for the control of initial gas penetration into a sinter burden. L. I Kharash. Obog. rud 6 no. 2 43-45 '61.

Sintering with air suction and blowing. I M. Arkhipov. Obog. rud 6 no. 2 26-30 '61.

SINTERING—BIBLIOGRAPHY see Bibliography—Sintering

SINTERING—CONGRESSES

All-Union Conference of Blast and Sintering Furnace Operators. S. I. Iliasberg Obog rud 6 no. 1:56-57 '61.

SINTERING—COSTS

Comparison of the economic evaluation of pelletizing and sintering processes for fine iron concentrates K S. Chepurnykh, S. I Shadskii. Obog. rud 4 no 2 18-22 '59.

SINTERING—EQUIPMENT AND SUPPLIES see subdivision under Voroshilovsk

SINTERING—HYGIENIC ASPECTS

Air sanitation in ore dressing and sintering plants. E. N. Fel'd. Obog. rud 4 no. 5:40-42 '59.

Sanitary and hygienic evaluation of the performance of ring coolers for sintered ore. E. N. Fel'd Obog rud 4 no 1 26-28 '59.

SIPHONS

Role of thermal expansion of water during the use of siphons in some hydrological apparatus V. P. Matveev Trudy Lab. ozeroved. 11:111-115 '60.

Siphon devices for studying the movement of aqueous mixtures O D Alekperov Izv AN Azerb SSR Ser. fiz -mat i tekh nauk no 6 163-170 '60

SIRENIA

Sirens, fictional and real. I. Akimushkin. Znan. ta pratsia no 8 13-14 S '61.

SIRUPS

(see also subdivision under White Russia)

Starch and sirup industry and the 22d Congress of the CPSU. Sakh prom. 35 no. 6:1-4 Ag '61.

SIVAISM

Information on materialist philosophy in the treatises of the Tamil Saiva-Siddhanta. A M Piatigorskii Nar. Azii i Afr. no 2:137-141 '61

SKALOZUBOV, NIKOLAI LUKICH, 1861-1915

A pioneer of plant breeding in Siberia. I. S. Shelukhin. Vest. sel'khoz. nauki 6 no. 8:144-146 Ag '61.

SKARNS see subdivision under Ural Mountains

SKATING

Teaching 10-12 year old boys the technique of high-speed ice skating. R. N. Travkina. Dokl APN no 1:101-104 '61.

SKIN

Bactericidal effect of rays from the BUF lamp on staphylococci in cultures and on the human skin. M. I. Trudy LSGMI 52:87-94 '60.

unction of skin cells under the influence ays during medicated sleep. A. D. idy LSGMI 52:74-80 '60.

A on the reactivity of the skin to short-nd chemical irritants. A. D. Troitskaia. 2:112-120 '60.

kin receptors in patients with microbial sly treated with X-rays. G. N. Burykina. 2:151-158 '60.

s in skin cells under the influence of roitskaia. Trudy LSGMI 52:95-111

on of the skin of roentgenologists. Trudy LSGMI 52:159-160 '60.

mination of cell nuclei from the alveo-ssue under the influence of ultrasonics n white rats [with summary in English]. I L. Martseladze. Biul. eksp. biol i 01-103 My '61.

es in the connective tissue of the skin ce of X-rays. I. M. Raznatovskii. ':130-150 '60.

es in the skin following the influence aviolet rays. A. D. Troitskaia. :70-73 '60.

iolet rays on the skin in patients with Burykina. Trudy LSGMI 52:81-86

f of sections of burned skin. V. M. pat. 21 no. 9:73-74 '59.

Sensitivity of the skin in acute radiation sickness to externally applied medicinal substances V. I. Samtsov Voen.-med zhur no 6 75 Je '61

Some features of cutaneous respiration in children of different ages N M Petrun'. Fiziol. zhur. 47 no 8 939-941 Ag '61

Structure and causes of the development of cutaneous excrescences in the Biscay whale (Eubalaena glacialis sieboldii Gray) [with summary in English] V. E. Sokolov. Zool. zhur 40 no 9:1428-1429 S '61

SKIN—DISEASES

Data on the problem of some pathohistological changes in the skin in neurodermatitis [with summary in English] M. Z. Liushnenko Arkh pat. 21 no 10:50-53 '59

SKIN—INNERVATION

Change in the function of the skin receptors under the influence of ultraviolet rays in patients with microbial eczema. G. A. Ustinova. Trudy LSGMI 52 5-36 '60.

Changes in the nerves of a rabbit's skin under the influence of therapeutic doses of X-rays. I. M. Raznatovskii. Trudy LSGMI 52:121-129 '60.

Function of the skin receptors in exposed and unexposed parts of the body. L. I. Ostriakova. Trudy LSGMI 52:59-69 '60.

Influence of ultraviolet rays on the function of skin receptors in healthy subjects. G. A. Ustinova. Trudy LSGMI 52 37-58 '60.

SKIN—TUMORS

Chondromatosis of the bone associated with subcutaneous angiomas (Maffucci's syndrome) [with summary in English]. A. I. Ozarai. Arkh. pat. 21 no. 9:60-64 '59

SKIN DIVING see Diving, Submarine

SKIP TRACERS see Missing persons

SKIS AND SKIING

Experiment in determining the strength safety factor of sport, racing, and slalom skis M V. Minenkov Der prom. 10 no 8 14-15 Ag '61.

Wings for skiers. G. Balykov. Znan. sila 36 no. 8:30-32 Ag '61.

SKULL—SURGERY

Cranioplasty in large osseous trepanation defect of the skull with organic glass I B. Cherner. Voen.-med zhur no. 6:82 Je '61

SLAG

(see also subdivision under Novyy Lipetsk)

Effect of barium oxide on the viscosity and desulfurizing capacity of blast furnace slags. L. I. Stepushova Izv. AN SSSR. Otd tekh nauk Met. i topl no 4 18-23 Jl-Ag '61.

Efficient method of activating a slag concrete mix. K. A. Olekhnovich, E. V. Chuprunenko Stroi mat 7 no. 8 38-39 Ag '61.

Houses made from slag-alabaster blocks. N. E. Kozak. Put' i put. khoz. 5 no. 7:33 Jl '61.

Kinetics of the interaction of helenite with soda. G. N. Kozhevnikov, S. I. Kuznetsov. Izv Sib. otd AN SSSR no. 8:127-130 '61.

Lime-slag binder made of waste zinc slags. V. V. Vershinina. Trudy Alt. GMNII AN Kazakh. SSR 11: 135-140 '61.

Slag crusher with a hydraulic drive. IU. G. Posiedaichenko. Teploenergetika 8 no. 5:57-59 My '61.

Viscosity of acid open-hearth furnace slags. S V. Shtengel'meier, G S. Ershov. Izv. vys. ucheb. zav., chern. met. 4 no 7:72-77 '61.

SLAVIC ANTIQUITIES see subdivision under Yuzhnyy Bug Valley

SLAVIC LANGUAGES—CONGRESSES

Samarkand. Uzbekskii gosudarstvennyi universitet. Kafedra russkogo iazykoznaniia. [Linguistics conference dedicated to the 4th International Congress of Slavists; brief reports] Konferentsiia po iazykoznaniiu; posviashchennaia IV Mezhdunarodnomu s"ezdu slavistov. Kratkie soobshcheniia. Samarkand, 1958. 48 p. (CLU)

SLAVIC LANGUAGES—GRAMMAR, COMPARATIVE

Bernshtein, S. B. [Comparative grammar of Slavic languages] Ocherk sravnitel'noi grammatiki slavianskikh iazykov. Moskva, Izd-vo Akad. nauk SSSR, 1961. 350 p.

SLAVIC LANGUAGES—PHONETICS

Bernshtein, S. B. [Comparative grammar of Slavic languages] Ocherk sravnitel'noi grammatiki slavianskikh iazykov. Moskva, Izd-vo Akad. nauk SSSR, 1961. 350 p.

SLAVIC LANGUAGES—SYNTAX

International conference on the syntax of Slavic languages. N. S. Pospelov. Vest. AN SSSR 31 no. 8:109 Ag '61.

SLAVIC LANGUAGES—WORDS

On the history of the words "porplytsia" and "shestirnia." I. O. Dzendzelivs'kyi. Dop. ta pov. UzhDU. Ser. filol. no. 2:65-67 '58.

IC STUDIES
demiia nauk SSSR. Institut slavianovedeniia. [Slavic chives] Slavianskii arkhiv; sbornik statei i materialov. oskva, 1961. 270 p.

S, EASTERN
lement of the southwestern group of Eastern Slavs cording to materials from the 10th - 13th century rial mounds E. I. Timofeev Sov arkheol 5 no. 3-75 '61.

P
inges in the function of skin cells under the influence ultraviolet rays during medicated sleep. A. D. roitskaia. Trudy LSGMI 52:74-80 '60.

action of awakening in response to the stimulation of e specific thalamic nucleus A. I Roitbak, S. M utkhuzi. Dokl AN SSSR 139 no. 6:1502-1504 Ag '61.

p of people in Arctic regions. V. N. Semagin. Fiziol ur 47 no. 8:950-957 Ag '61.

E RULE
y did it themselves. A. V Kuznetsov, A. K. Lashkech. Vest Vozd Fl no 6:82 Je '61.

HANSKAIA, FELITSHA BORISOVNA, 1905-1959
ftaliia Borisovna Slomianskaia, obituary. Trudy NKHIMMASH no. 27:176-177 '59.

AK LANGUAGE—CONVERSATION AND PHRASE OOKS—RUSSIAN
ratse Slovak-Russian phrase book] Malá príručka avensko-ruskej konverzácie. Moskva, Nakladatel'stvo dzojazycnej lit-ry, 1960. 146 p.

AK LANGUAGE—VOICE
dicative passive constructions in the Slovak language. . V. Simulik Dop ta pov UzhDU, Ser filol no 2:105-7 '58.

AKIA—POPULATION
ography of the Slovakian population. I. T. Tverdokhlev Izv Krym. otd. Geog ob-va no. 4 85-96 '57.

SKII, ALEKSANDR FEDOROVICH, 1884-1954
memory of A. F. Sludskii. Izv. Krym. otd. Geog ob-va 4 111-112 '57.

E GATES
with a combination gate. V. F. Poiarkov. Gidr. i 13 no 8:38-45 Ag '61

L
ect of olfactory stimulations on phagocytic reaction the human organism. A. I. Shabalin. Trudy Kirov d. Vses fiziol ob-va 1 no 1 21-31 '60

TING FURNACES
lucing losses of copper with waste slags at the Kar-kpay plant O. G. Miller and others. Trudy Alt. MNII AN Kuzakh SSR 11 3-9 '61

ED FISH see Fish, Smoked

ED MEAT see Meat, Smoked

ENSK—COMMUNIST PARTY OF THE SOVIET ION—PARTY WORK
ological section of a party committee. A. Popova. art. zhizn' no 19 44-46 O '61.

ENSK—COMMUNITY AND SCHOOL
yka finds a friend. L. Strzhizhovskii. Sem'ia i kola 10 no. 7:4-6 Jl '61.

ENSK—HISTORICAL MUSEUMS
lenskii Oblastnoi kraevedcheskii muzei. [Concise ide for the section on prerevolutionary history] alkii putevoditel' po otdelu istorii dorevoliutsionnogo oshlogo. [By] A. E. Minkin, T. N. Krivosheina. olensk, 1960. 50 p.
(MH)

'S see subdivision under Azerbaijan

e also subdivision under Crimean Mountains; zakhstan)
proving the roadability of the DT-54 tractor on virgin now. A. A. Sirkov. Vest. sel'khoz. nauki [Kazakh.] no. 1:64-75 Ja '61.

—THERMAL PROPERTIES
proximate evaluation of formulas expressing the heat nductivity of snow. M. I. Anisimov Meteor. i gidrol. 3:34-36 S '61.

FENCES
lobzheskii, G. V., A. K. Diunin, and A. A. Komarov. now shields and fences] Snegozashchitnye shchity i bory. Moskva, Nauchno-tekhn. izd-vo M-va avtomo-l'nogo transp. i shosseinykh dorog RSFSR, 1961. 35 p.

ING PITS see Furnaces, Heating

INDUSTRY see subdivision under Andizhan

L', SAMUIL L'VOVICH, 1893-1960
muil L'vovich Sobol'; obituary. L. A. Zenkevich. ool. zhur. 40 no. 8:1268-1271 Ag '61.

SOCCER
"Cheerleading" must be done intelligently. Igor' Netto. Nauka i zhizn' 28 no. 6:108 Ag '61

First victory M. Merzhanov Ogonek 39 no. 26:30 Je '61

Tempting prize. A. Perel'. Ogonek 39 no. 39 29 S '61.

Two points. Mikhail Aleksandrov. Ogonek 39 no. 34 20 Ag '61.

SOCIAL CHANGE
Practical application of the laws of social development [with summary in English, p 186] O N Trubitsyn. Vop filos 15 no. 9:105-116 '61.

Technological development and social progress. V. B Ol'shanskii Vop filos 15 no 9:117-121 '61

SOCIAL CLASSES
Some problems relating to the elimination of class distinctions in the U. S. S. R N G. Kristostur'ian Vop. ist. KPSS 5 no. 5 36-54 '61.

SOCIAL CONFLICT
Seleznev, G. K. [From workers' pockets into monopolies' safes] Iz karmanov rabochikh - v sefy monopolii. Moskva, Izd-vo "Znanie," 1961. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 10, Molodezhnaia, no. 15)

SOCIAL EVOLUTION
Denisov, B. A. [Critical evaluation of present-day bourgeois theories of the future society] Kritika sovremennykh burzhuaznykh teorii o budushchem obshchestve. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 51 p.

SOCIAL GROUP WORK see subdivision under Azerbaijan, Khust District; Shamshadinskiy District, Zaporozh'ye Province

SOCIAL PROBLEMS
Adequate law. K. Kovalev. Sov shakht 10 no 7:21 Jl '61.

Glory to toilers and shame to loafers! Part. zhizn' no. 18:74-77 S '61.

SOCIAL PSYCHOLOGY
"Social consciousness" [in Estonian]. Reviewed by E. I A. Matrov. Vop filos. 15 no. 9:167 '61

"Theory of social consiousness in the light of the theory of knowledge" by G. M Gak Reviewed by L. V. Allakrinskii and others. Vop. filos. 15 no. 9:138-144 '61

SOCIAL REVOLUTIONARY PARTY
How the Communist Party struggled against the left-wing Social Revolutionaries in 1917-1918 M V Spiridonov Uch zap. Kar. ped. inst. 10:19-72 '60.

SOCIAL SCIENCE RESEARCH
Training our future theoreticians and some problems of historical research IU. P. Frantsev, I. A Khitabich. Vop. ist KPSS 5 no 5 210-223 '61

SOCIAL SCIENCES—BIBLIOGRAPHY See Bibliography—Social sciences

SOCIAL SCIENCES—STUDY AND TEACHING
(see also subdivision under Odessa Province)
For a high ideological level of teaching. Prep. ist. v shkole 16 no 5 7-13 S-O '61.

Honorable tasks of the Communist Youth League of institutions of higher learning. S. P. Pavlov Vest vys shkoly 19 no. 8,52-54 Ag '61

Let's raise the level of academic work in the departments of social sciences! P V Kopnin. Vest vys. shkoly 19 no 8,28-29 Ag '61

Strengthening connections between the departments of social sciences in pedagogical institutions of higher learning and life. IU. A. Stepanenko Sov. pedag 25 no 8:103-110 Ag '61.

SOCIALISM
How to guide a group studying the themes "Early phase of the labor movement and the dissemination of Marxist ideas in Russia from 1883 to 1894" and "History of the CPSU in the carrying out of Marxist-Leninist ideas." N. Shatalin. Komm. Vooruzh. Sil 1 no. 9:83-87 D '60.

N. A. Dobrollubov's socialist views [with summary in French]. A. G. Nazarov. Vest. ist. mir. kul't. no. 4: 26-43 Jl-Ag '61.

SOCIALISM, CHRISTIAN
Present-day "Christian socialism" [with summary in English, p. 184-185]. IU. A. Levada. Vop. filos. 15 no. 9:53-64 '61.

SOCIALIST COMPETITION
(see also subdivision under Dombarovskiy District; Germany, East; Hungary; Kargasok District; Kazakhstan; Kochubeyevskiy District; Leningrad Economic region; Moldavia; Moscow)
The aim of our life. F. Golubenko. Sov. profsoiuzy no. 17:7 S '61.

Akademiia nauk SSSR. Moldavskii filial. Institut ekonomiki. [Communist labor movement and problems of economics in enterprises; from materials of the conference on economics held in Tiraspol] Dvizhenie za kommunisticheskii trud i voprosy ekonomiki predpriiatii, po materialam ekonomicheskoi konferentsii v g. Tiraspole. Kishinev, Shtiintsa, 1961. 143 p.
(MH)

Belichenko, P. P. [New aspects of competition in the village] Novoe v sorevnovanii na sele. Moskva, Gos. izd-vo sel'skhoz. lit-ry, zhurnalov i plakatov, 1961. 158 p.
(DA)

Competition strengthens friendship L Troitskii. Put' i put. khoz. 5 no 6-18-20 Je '61.

Cultural work in a trade-union group. Adelheid Hugeland, Monica Nawratsel. Sov. profsoiuzy 17 no. 18-41 S '61.

The drawing power. V. Liutikov. Sov. profsoiuzy 17 no. 18, 8-11 S '61.

Dunaev, V. P., and D. K. Orlov. [The Ivanovo millions] Ivanovskie millionv. [Moskva] Izd-vo VTsSPS Profizdat, 1960. 91 p.

Economics of specialized dairies in the Moscow environs. N Kozlov. Ekon. sel'khoz 32 no. 8:20-25 Ag '61

Emulate the "beacons." I. Kolosenko. Sov. shakht. 10 no. 9-11-12 S '61.

Follow the course of the best workers M. Barabanov Stroitel' no. 8 26-28 Ag '61.

Following the example of Rostov bank employees A Bilenko. Fin. SSSR 22 no 8 56-58 Ag '61

For the best production in the world. A. IAkimov, V. Vasil'ev, S. Kropov. Sov. profsoiuzy 17 no. 18-15-18 S '61.

[For the Communist Youth League team of the seven-year plan] Za komsomol'skii sostav semiletki; pochin komsomol'tsev Kuzbassa. [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1960. 98 p.

From Moscow schools to the 22d Congress of the CPSU P Shabanov, A Akhapkin Prof.-tekh obr. 18 no 5 6-7 My '61

If you are called an efficiency promoter... A. Sviridov. Sov. profsoiuzy 17 no. 18-19-20 S '61.

It will be of the best quality. Sov. profsoiuzy no. 17-17-19 S '61.

Kommunisticheskaia partiia Sovetskogo Soiuza. Vysshaia partiinaia shkola. [Toward the victory of communist labor, work practice of the party, Communist Youth League and trade-union organizations with communist labor brigades] K pobede kommunisticheskogo truda; ob opyte raboty partiinykh komsomol'skikh i profsoiuznykh organizatsii s brigadami kommunisticheskogo truda. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 271 p.

Mezentsev, S. P. [Party and the creative initiative of the masses] Partiia i tvorcheskaia initsiativa mass, Moskva, Izd-vo "Znanie," 1961. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 1, Istoriia, no. 15)

On the path toward the future. I. Vladychenko. Sov. profsoiuzy 17 no. 18-12-14 S '61.

Party has brought me up. Ivan Movenko. Znan. ta pratsia no. 9:5 S '61.

Program of speed and creation. U. Bazarbaeva. Nar. khoz. Kazakh. 19 no. 8:18-20 Ag '61.

Raise the banner of communism! Tekst prom. 21 no 7 1-2 Jl '61.

Supply the population with the best products in the world. O Nefedova. Sov profsoiuzy no. 17-14-17 S '61.

Volkov, G. P. [Shoots] Vskhody. [Moskva] Mosk. rabochii, 1961. 50 p.

Zaichenko, P. A. [Method for achieving high labor productivity in each job by the P. A. Zaichenko and A. F. Loginov method] Metod dostizheniia vysokoi proizvoditel'nosti truda na kazhdom rabochem meste; metod P. A. Zaichenko i A. F. Loginova. Leningrad, 1961. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Opyt novatora. Serlia: Organizatsiia i ekonomika proizvodstva, no. 6)

SOCIALIST PARTY see subdivision under France; Germany, West

SOCIALIST PROPERTY
Iotrysh, A. I., and A. G. Levitas. [Socialist property] Sotsialisticheskaia sobstvennost'. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 93 p. (Materialy k lektsiiam politicheskoi ekonomii)

Sidorov, S. I. [Two forms of socialist property and ways to merge them] Dve formy sotsialisticheskoi sobstvennosti i puti ikh sblizheniia. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 275 p.

SOCIALIST REALISM
A very important part of our national objectives. Vest. Mosk. un. Ser 7 Filol., zhur. 16 no. 5,89-92 S-O '61.

SODA INDUSTRY—EQUIPMENT AND SUPPLIES
Complete automation of soda plants. A. B. Tfutunnikov, V. I. Potrashkov. Khim. prom. no 8,553-558 Ag '61.

SODIUM—ISOTOPES
Changes in the cholinesterase activity of the blood serum due to internal irradiation by low doses of radioactive sodium. L. V. Zhidkova. Radiobiologiia 1 no. 3: 346-349 '61.

Determining the nuclear magnetic moment of Na^{23} from the hyperfine structure of the D_1 and D_2 absorption lines. V. Draganescu. Opt. i spektr. 10 no. 3:301-307 Mr '61.

SODIUM BROMIDE
Complexing of bivalent lead with sodium bromide. F. IA. Kul'ba and others. Zhur. neorg. khim 6 no. 8:1865-1867 Ag '61.

M CALCIUM SILICATE
action of sodium-calcium hydrosilicate with high-dulus aluminate solutions. V.D Ponomarev, L G nanov Izv AN Kazakh SSR Ser met , obog i eup. no. 2,43-52 '61

M CALCIUM SILICATE—ANALYSIS
neration of sodium oxide from sodium-calcium nosilicates. M M. Gol'dman and others. Izv AN akh. SSR. Ser. met , obog i ogneup no. 2·53-63

M CARBONATES
ites of the interaction of helenite with soda. G.N. vhevnikov, S. I. Kuznetsov. Izv. Sib. otd AN SSSR 8 127-130 '61

M HYDROXIDE
ərator for concentrated solutions of sodium hydrox- K D. Losievskii, V I Chirva. Khim. mash. no. 4 J J1-Ag '61.
tion between lead oxide and sodium hydroxide E I. ianskaia Zhur neorg khim 6 no 8 1958-1959 '61
tion of potassium fluozirconate with sodium hydrox- and ammonia in aqueous solutions I A Sheka, A Lastochkina Zhur neorg. khim 6 no 8 1868-4 Ag '61.
kin, M. B. [Manufacture of caustic soda by chemical ocesses] Proizvodstvo kausticheskoi sody khimiche-mi sposobami. Moskva, Gos. nauchno-tekhn. izd-vo m. lit-ry, 1961. 231 p.

M IODIDE
bility, specific gravity, and viscosity isotherms of system Na_2SO_2 - NaI - H_2O at 15, 25, 45, 60, d 80°. A. I. Agaev Azerb khim. zhur. no. 5 87-92

M NIOBATE
y diffraction study of phase transitions in sodium ate ($NaNbO_3$) I. G Ismailzade Azerb khim zhur 2;95-103 '61

M NITRATE
eous reciprocal system of sodium and calcium romates and nitrates. E. N. Pinaevskaia, N. L. An-khkina, G G Guseva. Zhur. prikl khim 34 no. 8 2-1739 Ag '61.

M NITRITE
ntiometric quantitative determination of sodium ite in a pure preparation and in drugs (report No 3) h. Dzoltsoti. Azerb khim zhur no 1;85-96 '61.

M OLEATE
id crystal texture of sodium oleate. I. G. Chistiakov. istallografiia 6 no 3 479-482 My-Je '61.

M PHOSPHATE—SPECTRA
ared absorption spectra of sodium dihydrophosphate. . Stekhanov, E. A. Popova, A. A. Klochikhin Opt. i ektr. 10 no. 6·799-801 Je '61

M SULFATE
e transitions of calcium and sodium sulfates and ir double salts I. S. Rassonskaia, N. K. Semendia- Zhur neorg khim 6 no. 8 1745-1753 Ag '61.
bility, specific gravity, and viscosity isotherms of system Na_2SO_4 - NaI - H_2O at 15, 25, 45, 60, d 60°. A. I Agaev Azerb. khim. zhur. no. 5. 87-92

PODZOLIC see Podzol

BINDING see subdivision under Kara Kum Canal

CHEMISTRY
s chemical composition of soil on corrosion ised by ground currents. V F. Negreev, diev. Azerb. khim zhur. no 2;39-48

ers." V. Batiuk. Znan. ta pratsia

av

)1

SOIL HEATING
Electric means of melting and compacting permafrost foundation soils before construction. B. P. Gorbunov, L. I. Kurdenkov. Osn., fund. i mekh. grun. 3 no. 4 31 '61.

SOIL MECHANICS
(see also subdivision under Golodnaya Steppe, Meshchera, South Golodnaya-Steppe Canal region)
Berezantsev, V. G., ed. [Soil mechanics and foundation engineering] Mekhanika gruntov, osnovaniia i fundamenty Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenia, 1961. 339 p.
Deformability of loess soils in different stressed states. A. A. Grigorian. [Trudy] NIIOSP no. 43, 13-26 '61.
Distribution of stresses in peat soils under a rigid stamp. F P Vinokurov, A E Teterkin Dokl. AN BSSR 5 no 8, 361-363 Ag '61
Effect of prolonged filtration on the compactibility of loess soils. A. A. Kirillov Nauch. zap MIIVKH 23· 92-136 '60.
Effect of the size of the soil specimen on the results of laboratory determination of its resistance to shear I A. Savchenko [Trudy] NIIOSP no 44;112-111 '61
Experimental investigation of the absorption coefficient of soils I A. Savchenko. [Trudy] NIIOSP no 44.107-111 '61
Method of determining dynamic characteristics of soils at high pressures N A. Alekseev [Trudy] NIIOSP no. 44 96-102 '61
Method of investigating the plane field of soil density by the use of gamma rays. D. E. Pol'shin, Shi Chzhun-khen [Shih Chung-hêng]. [Trudy] NIIOSP no. 43 5-12 '61.
One-dimensional motion of ground with spherical, cylindrical, and plane waves A IA Sagomonian. [Trudy] NIIOSP no. 44;43-67 '61
Relation between the extent of settling deformations of loess soils and their moisture content. L. G. Balaev Nauch. zap MIIVKH 23 49-66 '60
Rubinshtein, A. L. [Soil mechanics research and foundation engineering] Gruntovedenie, osnovaniia i fundamenty. Moskva, Gos. izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 311 p.
Scattering of a spherical volume of soil in a blast occurring in the symmetry center. B. A. Vinogradov, V. N. Rodionov, E. I. Shemiakin. PMTF no. 3·36-42 S-O '61.
Settling caused by the action of dynamic loads D. D. Barkan, O. IA Shekhter. [Trudy] NIIOSP no. 44;68-95 '61.
Settling deformations of loess soils under irrigation canals of the Vakhsh irrigation system in the Tajik S. S. R. L. G. Balaev Nauch zap. MIIVKH 23,67-91 '60.
Some results of experimental investigations in determining the propagation velocity of longitudinal waves in soil specimens IU I Grimza. [Trudy] NIIOSP no. 44· 103-106 '61
The technique of determining the settling characteristics of loess soils. T. I Aref'eva. Nauch. zap. MIIVKH 23;20-20 '60.

SOIL MECHANICS—BIBLIOGRAPHY see Bibliography—Soil mechanics

SOIL MECHANICS—CONGRESSES
Indian National Scientific and Technical Symposium on the Bearing Capacity of Soils I M Litvinov. Visnyk ABIA URSR no 2;65-66 '61

SOIL MOISTURE
Calculating annual changes in soil moisture [with summaries in English, German, and French]. A. I. IAkobs. Vest. sel'khoz. nauki 6 no. 8;108-116 Ag '61.
Determining the evaporation from soil [with summaries in English, German, and French]. A. M. Alpat'ev. Vest. sel'khoz. nauki 6 no. 8;128-130 Ag '61.

SOIL PERCOLATION
(see also subdivision under Golodnaya Steppe)
Effect of prolonged filtration on the compactibility of loess soils. A. A. Kirillov. Nauch. zap. MIIVKH 23· 92-136 '60.
Filtration as a means of studying the structure of saturated soils. B. P. Gorbunov. [Trudy] NIIOSP no. 43. 82-93 '61.

SOIL PHYSICS
(see also subdivision under Golodnaya Steppe; Il'ich District)
Comparative influence of perrenial and annual grasses on soil structure and the accumulation of humus in soils under irrigation. F. S. Ulanov. Vest. sel'khoz. nauki [Kazakh.] 4 no. 3,18-20 Mr '61.
Garkusha, I. F. [Soil structure; lectures for students of the department of agriculture] Pochvennaia struktura; lektsiia dlia studentov agronomicheskogo fakul'teta. Gorki, M-va sel'. khoz. BSSR, 1959. 13 p. (DA)
Role of aggregated and single-grain state of mechanical elements in the structural formation of virgin and old soils [with summary in English]. N. N Nikol'skii. Izv. TSKhA no. 2 98-113 '61.

SOIL RESEARCH see subdivision under Ukraine

SOIL STABILIZATION
(see also subdivision under Belovo, Carpathian Mountains, Golodnaya Steppe, Rostov-on-Don)
Electric means of melting and compacting permafrost foundation soils before construction. B. P. Gorbunov, L. I. Kurdenkov. Osn., fund. i mekh. grun. 3 no. 4 31 '61.
Results of observations on the use of soil and biological stabilization of the upper slope of an earth dam S A Kremer Izv vys. ucheb zav , stroi i arkhit 4 no 4 120-125 '61

SOIL TEMPERATURE
(see also subdivision under Tiflis)
Approximate solution of the problem of temperature wave propagation in the soil beneath the insulated bottom of a cooler [with summary in English] G V. Poddubnyi Inzh -fiz zhur 4 no 1 83-91 Mr '61
Determining the average temperature of permafrost soil surrounding a pile foundation. M. F. Kiselev. Osn., fund. i mekh. grun. 3 no. 4 30 '61.
Some changes in the microclimate and temperature of soils during the irrigation of tomatoes G. L. Dolgushin. Trudy OmSKhI 43 99-106 '61

SOIL TEMPERATURE—MEASUREMENT
Thermoelectric self-recorder of soil temperature K. A. Tavartkiladze Trudy Tbil NIGMI no 7 93-100 '60

SOILS
(see also subdivision under Pamirs; Russia, Northern, White Russia)
Eremin, G. G. [How to study soils on collective and state farms of the non-Chernozem zone] Kak issledovat' pochvy v kolkhozakh i sovkhozakh nechernozemnoi polosy. [Moskva] Izd-vo Mosk. univ., 106 p. (DA)
Garkusha, I. F. [Bog soils, lectures for students of the agricultural faculty] Bolotnye pochvy, dlia studentov agronomicheskogo fakul'teta. Gorki, Belorusskaia Sel'khoz. biblioteka, 1957. 31 p. (DA)
Vilenskii, D. G. [Geography of soils] Geografiia pochv. Pod red. S. S. Soboleva. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 342 p.

SOILS—ANALYSIS
Method for fast determination of the total amount of Mn, Cu, Zn, and Co in soils A N Glul'akumedov Izv AN Azerb SSR Ser biol. i med nauk no 6·93-95 '61.
Study of soil viscosity. A S Kondra Izv vys. ucheb zav , stroi. i arkhit. 4 no 4 130-143 '61

SOILS—CLASSIFICATION
(see also subdivision under Moscow Province)
Conversion of departmental classifications of sandy soils into a Building Standards and Rules list. S. I. Simel'shchikov. Osn., fund. i mekh. grun. 3 no. 4;31-32 '61.

SOILS—COMPOSITION
(see also subdivision under Azerbaijan)
Effect of alfalfa on changes in the composition of organic matter and the nutrient content of soils. N. N. Ediga-rova Izv AN Azerb. SSR. Ser biol i med nauk no. 5, 115-118 '61

SOILS—ELECTRIC PROPERTIES
Calculation of grounding in soils with nonhomogeneous electrical parameters L. E. Ebin, A I IAkobs Elektrichestvo no. 4.26-30 Ap '61.

SOILS—MAPS
Kamynin, M. I., and A. I. Liakhov. [Soils maps for collective and state farms] Pochvennye karty v kolkhozakh i sovkhozakh. Moskva, Izd-vo "Znanie," Vses. ob-va po rasprostraneniiu polit. i nauchn. znanii, 1961. 37 p. (Narodnyi universitet kul'tury. Sel'skokhoziaistvennyi fakul'tet, no. 8)

SOILS—MICROBIOLOGY see subdivision under Vakhsh Valley

SOILS—TESTING
Determining the strength of soils in natural stratification by a method of rotary cutting. O. M. Reznikov. Osn., fund. i mekh. grun. 3 no. 4·7-8 '61.

SOILS, SANDY see Sandy soils

SOKAL' DISTRICT—EDUCATION, RURAL
Let's train well educated and diligent youth. M. IA. Gnyduk Rad. shk. 40 no. 6 30-32 Je '61.

SOKOLOV, ARSENII ALEKSANDROVICH, 1910-
Arsenii Aleksandrovich Sokolov; on his 50th birthday. Izv vys. ucheb. zav. ; fiz. no. 3;167-168 '61.

SOKOLOV, BORIS MATVEEVICH, 1889-
Korotin, E. [The life of common folk and their art, collected works and studies on the folklore by B. M. and IU. M. Sokolov] Zhizn' naroda i ego tvorchestvo; sobranie i izuchenie fol'klora B. M. i IU. M. Sokolovymi. Ural'sk, Ural'skii gos. pedagog. in-t im. A. S. Pushkina, 1960. 74 p. (MH)

SOKOLOV, IL'IA ALEKSEEVICH, 1890-
Master of the Soviet print. K. Kravchenko. Iskusstvo 24 no. 7;34-37 '61.

)LOV, IURII MATVEEVICH, 1889-1941

rotin, E. [The life of common folk and their art, ollected works and studies on the folklore of B. M. and J. M. Sokolov] Zhizn' naroda i ego tvorchestvo, sobra-le i izuchenie fol'klora B. M. i IU. M. Sokolovymi. ral'sk, Ural'skii gos. pedagog. in-t im. A. S. Pushkina, 960. 74 p
(MH)

AR BATTERIES

ergy loss distribution and the effectiveness of various rocesses in photoelectric converters of solar energy .K Subashiev Fiz. tver tela 2 no 2 198-204 F '60
estigation of the distribution of impurities in the sur-ce layer of n-type silicon photoelectric converters of olar energy. A. K. Zaitsev, A. IA. Gliberman Fiz ver. tela 3 no 8 2377-2382 Ag '61

rmal processes in semiconducting photocell con-rters of solar energy M Azizov Izv AN Uz SSR r fiz -mat nauk 3:68-75 '61

AR ENERGY

lermining out-of-atmosphere values of the rate of fficiency of silicon photoelectric cells Part 1 Meth-l for determining absolute spectral sensitivity and te investigation of relative spectral sensitivity of photo-lectric cells N I Kozhevnikov, E A Makarova. Soob AISH no 116 3-21 '61

ermining out-of atmosphere values of the rate of fficiency of silicon photoelectric cells. Part 2 Ob-ervations and results E A Makarova, N I. Kozhevni-ov, G A Porfir'eva Soob GAISH no 116-25-45 '61

ar radiation as the future source of power. V. A. ium, G. N Kruzhilin. Vest. AN SSSR 31 no. 8 64-70 '61.

R RADIATION

so also subdivision under Arctic regions; Armenia; zbeg region; New Siberian Islands)

gral functions of the absorption of long-wave radiation the atmosphere V. E Zuev. Izv. vys. ucheb zav , no 3,28-34 '61

ises of radiant solar energy passing through the ice ver. K. A. Mokievskii Trudy Lab ozeroved 11 85-'60.

lationship between the type 3 absorption and the erup-ve active regions on the sun [with summary in Eng-sh] A. S. Besprozvannaia, V M Dziatkii. Astron. nur. 38 no. 4.611-616 Jl-Ag '61

ain (1923- U. S. S. R.) Glavnaia geofizicheskaia servatoriia im. A. I. Voeikova. [Radiation recording nual for hydrometeorological stations] Rukovodstvo hrometeorologicheskim stantsiiam po registratsii diatsii. Leningrad, Gidrometeor. izd-vo, 1961. p.

technique of actinometry at meteorological stations the U. S. S. R. and measures for its development. D IAnishevskii Trudy GGO no 123 47-61 '61

R RADIATION—CONGRESSES

soiuznaia konferentsiia po svetovomu klimatu. 2d. ransactions of the Second All-Union Conference on diation Climate] Trudy. Pod red. N. M. Guseva, Mo-va, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. aterialam, 1961, 94 p.

R RADIATION—PHYSIOLOGICAL EFFECT

lew of S. M. Chubinskii's book "Sun rays and their ef-t on the human organism." N. M. Dantsig, R. V. Sha-anov. Svetotekhnika 7 no. 3:27-28 Mr '61.

R SPECTRUM see Spectrum, Solar

ER AND SOLDERING

ie soldering bit V. A. Sulin. Nauka i zhyttia 11 7:36 Jl '61

IERS—RECREATION

mpetition for the best soldiers' tearoom. Tyl i snab. v. Voor. Sil 21 no. 7 60-61 Jl '61.

s organize the recreation of servicemen in an ex-mplary fashion; a review of the editor's mail. Komm oruzh. Sil 1 no 2.75-77 Ja '61

IERS IN LITERATURE

He in a short story ("The roll call", a story by Ol'khovskii. Reviewed by V. Moiseev.). Komm oruzh. Sil 1 no. 2:92-93 Ja '61.

) SOLUTIONS see Solutions, Solid

)S

lication of Berthelot's principle in calculating stand-d entropies of solid inorganic compounds [with sum-ary in English]. N. N. Drozin. Zhur. fiz. khim. 35 . 6:1789-1793 Ag '61.

nikov, P. P., and A. M. Ginsling. [Reactions in xtures of solids] Reaktsii v smesiakh tverdykh shchestv. Moskva, Gos. izd-vo lit-ry po stroit., khit. i stroit. materialam, 1961. 422 p.

ference on tunnel phenomena in solids. Vest. AN SR 31 no. 8:95-96 Ag '61.

y of the adhesion bonds of solids. N. A. Krotova, P. Morozova, G A Sokolina Fiz.tver. tela 3 no. 7: 9-2009 Jl '61.

SOLIDS—THERMAL PROPERTIES

Calculating high temperature thermal capacity of solids. L. I. Ivanova. Izv. vys. ucheb. zav., tsvet met. 4 no. 4 45-52 '61.

SOLIDS, EFFECT OF RADIATION ON

Change of the elastic properties of molten quartz under the action of Co^{60} gamma-radiation. P F. Kromer, L P. Khizniehenko Izv AN Uz. SSR Ser. fiz -mat nauk 3:87-88 '61

Effect of gamma-radiation on the linear dimensions of samples of molten quartz and Rochelle salt. S Azizov, S. V Starodubtsev Izv. AN Uz SSR Ser fiz -mat nauk 3,83-85 '61

Electron microscope study of the effect of radioactive waves from solids on the structure of their surface Vict. I Spitsyn and others Dokl. AN SSSR 139 no 5 1163-1165 Ag '61

Solubility and contact melting of irradiated crystals. I. G. Berzina, A. F. Naumov, P. A. Savintsev Kristallografiia 6 no. 3,460-464 My-Je '61.

SOLONETZ SOILS
(see also subdivision under Dzhanybek District, Pallasovka District)

Formation of Solonetz soils due to irrigation with mineralized waters. IA. A. Kovalev. Mat. po proizv sil Uzb no. 15:137-146 '60.

Tree belts on the Solonetz soils of the Volga Valley B I. Lapin Put' i put. khoz. 5 no 6 30-31 Je '61.

SOLUBILITY

Effect of certain substances on the solubility of benzoic acid in ethyl alcohol and a 50% mixture of ethyl alcohol and water V. F. Sergeeva, G P. Kaluzhinova. Zhur ob khim 31 no. 8 2245-2248 Ag '61

Effect of certain substances on the solubility of naphthalene in methanol V. Sergeeva, A. Krupnikova Zhur. ob.khim. 31 no. 8 2446-2450 Ag '61

Kinetics of dissolution of indium antimonide in hydrochloric solutions of iron chloride and iodine. R L. Müller, G. M. Orlova, TSui T5z'in'-khua. Zhur. ob. khim 31 no. 8 2461-2465 Ag '61.

Reciprocal dissolubility of mercury and gallium S. P IAtsenko, E P. Druzhinina. Zhur neorg khim. 6 no 8 1902-1904 Ag '61.

Solubility and contact melting of irradiated crystals. I. G. Berzina, A. F. Naumov, P. A. Savintsev. Kristallografiia 6 no. 3:460-461 My-Je '61

Solubility in the system $Be(NO_3)_2$ - $PbFBr$ - H_2O at 25° Sh. T Tolipov, V. S Podgornova, G N. Zinina. Uzb khim. zhur. no. 1 11-16 '61.

Solubility isotherm of the system $NaCl$ - $MgCl_2$ - $CaSO_4$-H_2O at 25°. P. P. Rza-Zade, P. G. Rustamov. Azerb khim. zhur. no. 4:119-125 '60.

Solubility of calcium sulfate in a mixture of acids H_3PO_4 + H_2SO_4 and H_3PO_4 + H_2SiF_6 O I Kurteva, E. B. Bruiskus. Zhur. prikl. khim. 34 no. 8 1714-1722 Ag '61.

Solubility (20°) in the system $In_2(SO_4)_3$-Cs_2SO_4 - H_2O E N. Deichman Zhur neorg khim 6 no 8 1831-1836 Ag '61

SOLUTION (CHEMISTRY)

Effect of universal intermolecular interactions on the position of the electron spectra of molecules in two-component solutions. Part I. Theory (liquid solutions) N. G. Bakhshiev. Opt. i spektr. 10 no. 6:717;726 Je '61.

Shape of the curves of thermodynamic simplification near the isotherms of the stratification of ternary solutions [with summary in English] N. P. Markuzin Vest I GU 16 no 16:77-84 '61.

SOLUTIONS, SOLID

Anomalous changes in lattice periods and in the dielectric and piezoelectric properties of (Ba, Pb)TiO_3 solid solutions. IU. N. Venevtsev and others. Kristallografiia 6 no. 3:375-380 My-Je '61.

Application of the parameters of empirical formulae correlating hardness with temperature, and the duration of load and pressure for the determination of solubility limits in the solid state [with summary in English]. V. P. Shishokin, A. E. Nikerov. Zhur. fiz khim. 35 no. 8:1763-1766 Ag '61.

Effect of thermal oscillations of atoms on the melting of the fine structure of X-ray absorption spectra Part I: Investigation of the solid solution Cu - Pt. I. B. Borovskii, G. N. Ronami Izv AN SSSR, Ser. fiz 25 no. 8:999-1001 Ag '61

Investigation of solid solutions of certain organic compounds by the nuclear quadrupole resonance method. E. I. Fedin, A. I. Kitaigorodskii. Kristallografiia 6 no. 3,405-412 My-Je '61

Production of homogeneous solid solutions in the system AlSb - InSb. B V. Baranov, N. A. Gorlunova. Fiz. tver tela 2 no. 2:284-287 F '60.

Stability of a β-solid solution of titanium-chromium alloys. N. V. Ageev, O. G. Karpinskii, L. A. Petrova. Zhur. neorg. khim 6 no. 8 1976-1978 Ag '61.

Thermodynamic explanation of internal adsorption in solids. V. I. Arkharov. Fiz. met. i metalloved. 12 no. 1:151-153 Jl '61.

SOLUTIONS, SOLID—OPTICAL PROPERTIES

Characteristics of light absorption and luminescence in binary solid solutions of low concentration A. F. Lubchenko. Opt. i spektr 10 no 6:727-736 Je '61

SOLVATION

Application of the pulse calorimetric method for determining the solvation energy of oxygen in silver [with summary in English]. O. V Perevalov, V. N Khutkevych Ukr. fiz. zhur 6 no 3 408-411 My-Je '61

SOLVENTS

Selective solvents Report No 1 B S Khristoforov Trudy Alt GMNII AN Kazakh SSR 11 147-152 '61

Selective solvents Report No 2 B S Khristoforov, V N Shabanov Trudy Alt GMNII AN Kazakh SSR 11 153-159 '61

Simultaneous extraction of trace elements in the extraction of chlorides by oxygen-containing organic solvents L I Moseev, A G Karabash Zhur neorg khim 6 no 8 1941-1950 Ag '61

SOMATOTROPIN

Effect of somatotropic hormone and cortisone on insulinase activity of the liver in young and sexually mature rats [with summary in English] N P Smirnov Biul eksp biol i med 51 no 5 11-13 My '61

SONAR IN FISHING

Fish-searching sounding device "Delfin 1" M. D. Gorbunov. Biul. tekh.-ekon inform no 7:70-71 '61

SONGS, CHINESE

Yueh-fu and their role in the history of Chinese literature. I. Lisevich Vest ist mir. kul't. no 4,102-111 Jl-Ag '61

SORBENTS

Natural sorbents as desiccants of gases S. I. Sorokin, V A. Zabelin Khim prom no 8 538-539 Ag '61

SORBITOL

Treatment of diabetics with sorbitol concentrates. I. N. Vol'per A M Shapiro Kons. i ov prom 16 no 6,21-25 Je '61

SORGHUM
(see also subdivision under Aral Sea region)

Spectrophotometric determination of linoleic and linolenic acids in corn and sorghum oils IA I Denisenko, I N Volkova. Izv. vys. ucheb zav., pishch tekh no 3:28-30 '60

SORPTION

Electrochemical method of sorption and desorption of silver on ionites. A. B Davankov, V M Laufer. Izv. vys. ucheb. zav., tsvet. met 4 no. 4,121-123 '61.

Exhausting effect and evaporation characteristics of metallic chromium under electron bombardment in a vacuum. N S Mykhailov and others Ukr. fiz zhur 6 no. 3:412-414 My-Je '61

Investigation of water sorption isotherms in food products. G. A Egorov Izv. vys ucheb zav., pishch tekh. no 3 3-6 '60

Methods of investigating the sorption of flotation reagents by mineral mixtures. O. S. Bogdanov and others. Obog. rud 4 no. 5:3-5 '59.

SORTING DEVICES

Sorting liner and a device for classifying very fine bodies V. V. Tkachev TSement 27 no 4:16-19 Jl-Ag '61

SOUND

Effect of the duration of a sound signal on the time of its attenuation. A. N. Kacherovich. Trudy NIKFI no. 34: 5-15 '60.

SOUND—MEASUREMENT

Calibrating measuring hydrophones in the 0, 1-100 hertz frequency range. A. N. Golenkov. Izm. tekh. no. 9: 53-57 S '61.

Securing the standard unity of the measurement of sound pressure. A. N. Rivin. Izm. tekh. no. 9:51-53 S '61.

SOUND—RECORDING AND REPRODUCING

Sound recording and reproducing Tekh. kino i telev. 5 no. 8:82-83 Ag '61.

SOUND—SPEED

Possibility of measuring the optical anisotropy of liquids in the field of a sound velocity gradient. S. N Pen'kov. Opt. i spektr 10 no. 5:653-656 My '61.

Speed of sound on the steam-liquid phase equilibrium curve. Speed of sound in saturated water vapor V. I. Avdonin, I. I. Novikov PMTF no. 1,58-62 My-Je '60

SOUND PRODUCTION BY ANIMALS

Sound communication system of apes. N. I. Zhinkin. Izv. APN no. 113:183-228 '60

SOUND WAVES

Concerning the theory of Raman scattering of waves on a rough surface [with summary in English]. F. G. Bass. Izv vys. ucheb. zav.; radiofiz. 4 no. 1 58-66 '61.

Gigantic quantum oscillations of sound absorption by metals in a magnetic field [with summary in English]. V. L. Gurevich, V. G. Skobov, IU. A. Firsov Zhur eksp. i teor. fiz. 40 no. 3:786-791 Mr '61.

SOUND WAVES—SCATTERING

Possible role of the scattering of sound in the stratified nonhomogeneities of the sea on the formation of a field in the zone of the geometrical shadow [with summary in English]. G. I Primak Izv. vys. ucheb. zav., radiofiz. 4 no.1:49-57 '61.

SOUNDPROOFING MATERIALS see Acoustical materials

SOUPS

Keeping qualities of cereals enriched with vegetable and fruit powder and of puree-like vegetable soups for children. A M Prokof'eva, O V. Verkhoshanskaia Trudy VNIIKOP no 10:159-162 '59

Summer soups. Z. Sukhova. Obshchestv. pit. no. 7: 54-56 Jl '61.

SOUTH GOLODNAYA-STEPPE CANAL

New technique of operating the South Golodnaya-Steppe Canal. V. A. Andreev and others. Mat. po proizv. sil Uzb. no. 15, 325-331 '60.

SOUTH GOLODNAYA-STEPPE CANAL—EARTHWORK

Work mechanization in the construction of the South Golodnaya-Steppe Canal V. M. Vaiskrants Mat po proizv sil. Uzb. no 15, 354-370 '60.

SOUTH GOLODNAYA-STEPPE CANAL REGION—ENGINEERING GEOLOGY

Engineering geological conditions along the line of the South Golodnaya-Steppe Canal and its control zone V. G. Gafurov. Mat po proizv. sil. Uzb no. 15:51-61 '60.

SOUTH GOLODNAYA-STEPPE CANAL REGION—SOIL MECHANICS

Forecasting the settling of soils in the construction zone of the South Golodnaya-Steppe Canal P. M. Karpov Mat. po proizv. sil. Uzb. no 15 72-79 '60.

SOUTH KAZAKHSTAN PROVINCE—FALLOWING

Fallow crops in dry farming areas of South Kazakhstan Province. K. Kenzhebekov. Vest sel'khoz nauki [Kazakh.] 4 no. 3 30-32 Mr '61.

SOUTH KAZAKHSTAN PROVINCE—INDUSTRIES

Utilize the rich local resources. G. Beliakov, F. Kazakov. Nar. khoz. Kazakh. 19 no. 8 24-27 Ag '61.

SOVIET BLOC see Communist Countries

SOVIET CENTRAL ASIA

Bone interment in clay pots ("khumy") in Central Asia. V. I. Kozenkova Sov. arkheol. 5 no 3:251-260 '61

SOVIET CENTRAL ASIA—COINS

Hoard of Central Asian pulo coins from the first quarter of the 16th century. E. A. Davidovich. Num. i epig. no. 1:193-198 '60.

SOVIET CENTRAL ASIA—COTTONSEED

Increasing the oil content of cottonseed. Report no. 3: B. A. Kats, A. P. Chehotareva, M. N. Dubrovina Masl.-zhir. prom 27 no. 8:14-15 Ag '61

SOVIET CENTRAL ASIA—CROPS AND CLIMATE

Babushkin, L. N. [Agroclimatic subdivision of the cotton zone of Central Asia] Agroklimaticheskoe raionirovanie khlopkovoi zony Srednei Azii. Leningrad, Gidrometeor. izd-vo, 1960. 133 p. (DA)

SOVIET CENTRAL ASIA—ECONOMIC POLICY

An inter-Republic conference on the specialization and general economic development of the Central Asiatic Economic Region V IA. Moshchenko. Obshchestv nauki v Uz no. 6:62-63 '61

SOVIET CENTRAL ASIA—ELECTRIC INDUSTRIES

Problems on specialization and cooperation in the electric industries of republics in Central Asia M A. Ovcharova. Vest elektroprom 32 no 9 11-12 S '61

SOVIET CENTRAL ASIA—FAULTS (GEOLOGY)

Formation of faults transversally oriented to folds. E. M. Nekrasov. Trudy IGEM no. 41:119-133 '61.

SOVIET CENTRAL ASIA—GEOLOGY, STRATIGRAPHIC

Characteristics of upper Triassic continental sediments in Central Asia. T. A. Sikstel. Trudy Uz. geol. upr. no. 1, 38-46 '60.

SOVIET CENTRAL ASIA—IRRIGATION

Attacking the desert. I. Nekhamkin. Nauka i zhizn' 28 no. 7:30-31 Jl '61.

SOVIET CENTRAL ASIA—IRRIGATION CANALS AND FLUMES

Investigating hydraulic elements in irrigation canals of Central Asia. S. Kh. Abaliants. Trudy SANIIRI no. 108:71-80 '60.

SOVIET CENTRAL ASIA—JOINTS (GEOLOGY)

Tectonic joints in rocks of certain ore deposits in Central Asia. V. A. Nevskii. Trudy IGEM no 41:141-157 '61.

SOVIET CENTRAL ASIA—LEAF CUTTERS

A new mountain species of the subgenus Liosmia (Hymenoptera) from Central Asia. V. V Popov. Izv. Otd. sel'khoz. i biol. nauk AN Tadzh. SSR no. 1:73-78 '60

SOVIET CENTRAL ASIA—MACHINERY INDUSTRY

A regional coordinating conference on the specialization and cooperation of the enterprises of the machinery industry in the Republics of Soviet Central Asia and Turkmenistan. Izv. AN Turk. SSR. Ser. obshchestv. nauk no. 3, 98-99 '61.

SOVIET CENTRAL ASIA—MAPS, EARLY

Some cartographic data on the territory of Central Asia in works by scientists of the medieval Orient. V. N. Fedchina. Iz ist. nauki i tekh. v stran Vost. no. 1 154-166 '60.

SOVIET CENTRAL ASIA—PHYSICAL GEOGRAPHY

Murzaev, E. M. [Central Asia] Srednaia Aziia. Moskva, Gos. izd-vo geogr. lit-ry, 1947. 135 p. (Nasha Rodina, populiarnye fiziko-geograficheskoe ocherki)

SOVIET CENTRAL ASIA—REFUGEES, IRANIAN—POLITICAL ACTIVITIES

Iranian revolutionary organizations in Central Asia at the beginning of the 20th century A M Matveev. Nar. Azii i Afr no 2:104-106 '61

SOVIET FAR EAST—AGRICULTURAL CHEMISTRY—RESEARCH

Contributions to agriculture made by chemists of the Far Eastern Branch of the Siberian Section of the Academy of Sciences of the U. S. S. R. E. P. Ozhigov Izv. Sib. otd. AN SSSR no. 8:137-139 '61.

SOVIET FAR EAST—ALLIED INTERVENTION, 1918-1920

The counterrevolutionary role of clergymen and sectarians in the Far East from 1918 to 1923. V S. Flerov Uch. zap TGU no 37 71-133 '59.

SOVIET FAR EAST—DESCRIPTION AND TRAVEL

Shurtakov, S. I. [Our near, our Far East; sketches] Nash blizkii, nash Dal'nii Vostok; ocherki. Moskva, Izd-vo "Pravda," 1961. 46 p. (Biblioteka "Ogonek," no. 32)

SOVIET FAR EAST—ELEUTHEROCOCCUS

Eleutherococcus, a new medicinal plant of the ginseng family. I I Brekhman. Komar. chten. no 3, 3-41 '61

SOVIET FAR EAST—HERRING FISHERIES

Dynamics of the abundance of the Gizhiga herring stock. E. P. Pravotorova Trudy sov. ikht. kom. no. 13. 437-442 '61.

SOVIET FAR EAST—MINORITIES

Early efforts of the Soviet Government to do away with the economic backwardness of Far East minorities from 1922 to 1926. M. P. Serebriakova, V. A. Zibarev Uch. zap. TGU no. 37 135-143 '59.

SOVIET FAR EAST—REVOLUTION, 1917-1921

Antokhin, P. [History of the struggle for Soviet rule in the Far East] Iz istorii bor'by za vlast' Sovetov v Primor'e. Izd. 2., peresmotrennoe, i dop. Vladivostok, Primizdat, 1947. 67 p.

SOVIET FAR EAST—SALMON

Establishing differences between individual schools of the sockeye salmon (Oncorhynchus nerka Wahlb.) by the precipitation reaction. M. G. Zaks, M. M. Sokolova. Dokl. AN SSSR 139 no 6:1491-1494 Ag '61.

Relation between the growth rate and the abundance of sockeye salmon. F. V. Krogius. Trudy sov. ikht. kom. no. 13 132-146 '61.

SOVIET FAR EAST—SECTS

The counterrevolutionary role of clergymen and sectarians in the Far East from 1918 to 1923. V. S. Flerov Uch. zap. TGU no. 37:71-133 '59.

SOVIET FAR EAST—VOLCANOES

Vlodavets, V. I. [Some results of volcanological research in the U. S. S. R.; theses of a report presented at the Tenth General Assembly of the International Association of Geodesy and Geophysics] Nekotorye rezul'taty vulkanologicheskikh issledovanii v SSSR; tezisy doklada na X general'noi assamblee Mezhdunarodnogo geodezicheskogo i geofizicheskogo soiuza. Moskva, Izd-vo Akad. nauk SSSR, 1954. 7 p. [Parallel texts in Russian and Italian.]

SOVIET UNION see Russia

SOVIETS

How the deputies should carry out the mandates of their voters. K. Sheremet. Sov. deput. trud. no. 9:97-100 S '61.

SOWS

X-ray study of a living sow's uterus [with summaries in English, German, and French]. L. V. Gusev, IU. A. Kiselev. Vest. sel'khoz. nauki 6 no. 8:117-118 Ag '61.

SOYBEAN

(see also subdivision under Aktyubinsk Province)

Companion cropping of corn and soybean for silage. A. P. Hyrenko. A. I. Livans'kyi. Visnyk sil'hosp nauky 3 no. 4:28-32 Ap '60.

SPACE AND TIME

Evolution of space and time concepts. R. A. Aronov. Fiz. v shkole 21 no. 3:11-18 My-Je '61.

SPACE FLIGHT

Honor and glory to the Soviet people, its scientists, engineers, and technicians, the creators of the space ship and to IUri Gagarin, the first astronaut and pioneer in the mastery of outer space! Voen.-med. zhur. no 5 10-11 My '61

Perel'man, R. G. [Assault on outer space continues] Shturm kosmosa prodolzhaetsia. Moskva, Izd-vo "Znanie," 1961. 44 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 9, Fizika i khimiia, no. 13)

SPACE FLIGHT—PHYSIOLOGICAL EFFECT

From dream to reality, medical and biological problems of flight into outer space. Voen.-med. zhur. no 5 3-9 My '61

SPACE IN ECONOMICS

Space, space flight and economics. G. I Pokrovskii. Grazhd. av. 18 no. 8 21-22 Ag '61

SPACE MEDICINE

Beyond the limits of the atmosphere. V Borisov, O Georgiev Nauka i zhizn' 28 no 8:48-50 Ag '61.

The first flight of man into outer space (some clinical-physiological problems of flight of man into the cosmos) is a great event in science and the history of mankind. Klin. med. no. 7 3-5 '61.

New ways to the stars. V. Komarov. Semlia i shkola 10 no 7-8 Jl '61

On the threshold of the future. V. I. Danyleiko. Nauka i zhyttia 11 no 7:14-17 Jl '61

"Semina" of an astronaut. I. Maksimov. Nauka i zhizn' 28 no. 8:64 Ag '61.

Space speeds. P. K. Isakov. Nauka i zhyttia 10 no. 3: 14-17 Mr '60.

Work of an astronaut. Aleksei Golikov, Ivan Smirnov. Ogonek 39 no. 33 6-7 Ag '61.

SPACE SCIENCES

Outer space in the service of man. S. Bobau. Nauka i zhizn' 28 no. 9:31 S '61.

SPACE VEHICLES—PROPULSION SYSTEMS

Engines for space ships of the future. Part 1: Electric power stations in outer space (as revealed by data from the foreign press). IU N Nechaev. Vest. Vozd. Fl no 8, 75-76 Ag '61.

SPACES, GENERALIZED

Boundedness of compact sets in K-spaces V. F Volkodavov Uch. zap. Kuib gos. ped. inst no. 29:67-71 '59.

Exact endomorphisms of Lebesgue space. V. A. Rokhlin Izv. AN SSSR, Ser. mat. 25 no. 4:499-530 Jl-Ag '61.

Moduli over K-space. S. N. Slugin Dokl. AN SSSR 139 no 5 1059-1062 Ag '61.

Singularity in Schwarzschild's solution of the equations of gravitation [with summary in English]. IU A Rylov. Zhur. eksp. i teor. fiz. 40 no. 6:1755-1757 Je '61.

Translation surfaces of constant curvature. IA. P. Blank. Dokl AN SSSR 139 no. 5 1037-1039 Ag '61.

SPACESHIPS

Aleksandrov, S. G., and R. E. Fedorov. [Soviet satellites and spaceships] Sovetskie sputniki i kosmicheskie korabli. Izd. 2, dop. i perer. Moskva, Izd-vo Akad. nauk SSSR, 1961. 439 p. (Nauchno-populiarnaia serila)

SPAIN—CIVIL WAR, 1936-1939—PERSONAL NARRATIVES

Recollections of a Spanish officer. J. M. Gaian. Voen.-ist. zhur. 3 no 7:78-86 Jl '61

SPAIN—HISTORY—BIBLIOGRAPHY

Soviet studies in the field of Spanish modern and current history. L. V. Ponomareva. Vop. ist. no. 9, 131-140 S '61.

SPAIN—SOCIAL CONDITIONS

Hopes and sufferings of Spain (to be continued). Pierre Gamarra. Ogonek 39 no. 24:23-25 Je '61.

Hopes and sufferings of Spain (to be concluded). Pierre Gamarra. Ogonek 39 no. 26:14-15 Je '61.

SPAIN—STRIKES AND LOCKOUTS

Important event in the trade-union movement of Spain. F. F. Vaem. prof. dvizh. no. 8:44 Ag '61.

SPANISH AMERICA see Latin America

SPANISH MONARCHY see Monarchy, Spanish

SPARK-EROSION MACHINING see Electric metal cutting

SPARROWS

Why are sparrows so sly? Vitalii Paterilo, V. Strokov. IUn. nat. no. 9:28 S '61.

SPASSKIY DISTRICT—PEAT INDUSTRY—QUALITY CONTROL

Control and responsibility for production quality. M. Matevosian and others. Sots. trud 6 no. 8:118-121 Ag '61.

SPASTIC PARALYSIS see Paralysis, Spastic

CIFIC GRAVITY
v method of determining the apparent specific gravity powdered substance V S Komarov. Dokl AN SSR 5 no 8:336-338 Ag '61.

CIFIC HEAT see Heat capacity

CIMENS, PRESERVATION OF see Taxidermy

TROGRAPH
toelectric attachment for a spectrograph B F. ud'ko. Visnyk Kyiv un no 2 Ser fiz ta khim no 1 5-78 '59.

TROGRAPH—ATTACHMENTS
tical device for determining the speed of solar rota- on [with summary in English] I A. Aslanov Astron hur. 38 no. 4:768-771 Jl-Ag '61

TROMETER
tomation of measurements of amplitude distribution S. Gorn, I D. Ivanov, B I. Khazanov App dlia iad. pek. no. 1:109-115 '60.
aracteristics of a precision single-channel amplitude nalyzer. L. S. Gorn, I D Ivanov, B I Khazanov pp. dlia iad spek no 1 93-108 '60
fect of the resolving power of a spectrometer on the ccuracy of measuring the integral transmission V. P. ozlov, E. O Fedorova Otp. i spektr. 10 no. 5. 63-666 My '61.
gnetic spectrometer for recording internal conver- ion electrons emitted in the reaction (n, γ). V. I. elekhov, A F Malov. Izv. ZN SSSR. Ser. fiz. 25 . 9:1069-1083 S '61.
gle-channel spectrometer with a resolving time of 3 microseconds. N M. Khliustikov. App. dlia iad. pek. no. 1:84-92 '60

TROMETRY
plication of an ionization α-spectrometer with a time nalyzer for half-life determinations. IU. M. Volkov d others. Izv. AN SSSR. Ser. fiz. 25 no. 9:1188-1196 '61.

TRUM, ATOMIC
culation of the $\overline{r^{-3}}$ (n, l) values from the fine struc- e of spectra. V. S. Korol'kov Opt i spektr 11 . 2:137-140 Ag '61.

TRUM, INFRARED
ared absorption spectra of sodium dihydrophosphate. I. Stekhanov, E. A. Popova, A. A. Klochikhin Opt i ektr. 10 no. 6:799-801 Je '61.
estigating the mechanism of the interaction of flota- on reagents and minerals by means of infrared ectroscopy. Obog. rud 5 no. 6:27-31 '60
gnetooptical properties of ferrite garnets in the frared region [with summary in English]. G. S. inchik, M. V. Chetkin. Zhur. eksp i teor. fiz 40 . 3:729-733 Mr '61
flection of semiconducting films of indium oxide in e infrared part of the spectrum B. P. Kuzhanov- kii. Opt. i spektr. 10 no. 5:682-683 My '61.
ory of the intensities of the infrared absorption bands complex molecules containing several identical oups. L. A. Gribov. Opt. i spektr. 11 no 2:146-150 '61.

TRUM, SOLAR
ration of the image of the sun's edge at different wave- ngths. M. Kerimbekov. Izv AN Azerb. SSR. Ser. fiz - at i tekh. nauk no. 6 171-174 '60.

TRUM ANALYSIS
ferentiation of spectra. V. A. Zubov. Opt. i spektr. no. 2:275-277 Ag '61.
ect of current strength and speed of vaporization of a ecimen on the intensity of lines of an alternating rrent carbon arc spectrum. L. E Naimark, R. Z idisheva, P. N. Chalykh. Izv. AN Kazakh SSR, Ser met., og. i ogneup. no. 2:97-103 '61.
ct of the quantity of material taken in a sample on e accuracy of the analysis in a pulse light source. N. Shtutman and others. Izv vys ucheb. zav., fiz. 3:168-171 '61.
nsity distribution in the rotational structure of the otopic nitrogen spectra and isotopic analysis. K. A. ganezov, R. R. Shvangiradze. Otp. i spektr. 10 no. 5: 7-582 My '61.
mnatron as a light source for spectroscopic studies. A. Korolev, IU K Kvaratskheli. Opt. i spektr. 10 . 3:398-402 Mr '61.
sitivity of emission spectrum analysis. S. L. Mandel'- tam, V. V. Nedler. Opt. i spektr. 10 no. 3:390-397 '61.
ctroscopic method for determining the isotopic com- osition of nitrogen. A. N. Zaidel', G. V Ostrovskaia, A. Petrov. Opt. i spektr. 10 no. 5:673-676 My '61.

TRUM ANALYSIS—STANDARDS
ect of the percentage content of an intermediate stand- d substance on the accuracy of spectrum analysis I. Znvo. otnova. Izv. Sib. otd. AN SSSR no. 7:114-116 .

ULATION
kals. E. Velitstov. Ogonek 39 no. 24:31 Je '61.

SPEECH
From the authors. Izv. APN no. 113:3-4 '60.

SPERMATOGENESIS IN ANIMALS
Changes in the spermatogonic function of dogs due to repeated X irradiation. N. E. Trusova. Radiobiologiia 1 no. 3:424-428 '61.

SPERMATOZOA
Heat resistance of spermatozoa in some lamellibranchiata V. B Svinkin Dokl AN SSSR 139 no 5 1227-1230 Ag '61

SPHALERITE
Modulus of elasticity in crystals having a sphalerite or wurtzite structure. V. A. Zhdanov, L. A. Biysneva. Kristallografiia 6 no. 4 639-641 Jl-Ag '61.

SPHENE—SPECTRA
Raman spectrum of titanite (sphene), $CaTiOSiO_4$. IA. S. Bobovich. Opt i spektr 10 no 3,418-420 Mr '61

SPHERICAL ASTRONOMY see Astronomy, Spherical and practical

SPILLWAYS
Determining speeds and pressures in spillways of power stations built into the body of a dam. Liu Da-min. Gidr. stroi. 31 no 8 45-48 Ag '61.

SPINAL CORD
Effect of the strength, frequency, and duration of individual stimuli on the inhibition of spinal reflexes T. K. Ioseliani Soob. AN Gruz. SSR 26 no. 4 455-459 Ap '61
Functional cytochemical study of sensory and motor cells of the spinal cord in rat embryos. L. B. Levinson, M. I. Leikina. TSitologiia 3 no 4:446-451 Jl-Ag '61.
Mitogenic irradiation of the neuromuscular system as a method for the analysis of its molecular substrate. Report No 3 Regulatory effect of spinal centers on the molecular substrate of muscles in animals of various ages and the role of the regulation in muscle metabolism [with summary in English]. A A Gurvich, V. F. Eremeev, M A Lipkind Biul. eksp biol i med 51 no 4-57-61 Ap '61.
Receptive field of the stepping reflex in dogs with transected spinal cord L. N. Deriabin. Fiziol. zhur 47 no. 8:1040-1045 Ag '61.

SPINE—TUBERCULOSIS
Distribution of the purulent masses in tuberculosis of the lumbosacral area of the spine. I G Maiakusha. Ortop., travm. i protez. no. 6,11-20 '61.
Fixation of the spine in tuberculous spondylitis by homotransplantation from the ribs. D. F Kovalev. Ortop., travm. i protez. no. 6:12-14 '61
Indications for radical surgery in tuberculous spondylitis. D G. Kovalenko Ortop., travm. i protez. no. 6: 3-8 '61
Operations on the focus in tuberculous spondylitis by the transpleural approach I. S. Nikolaev Ortop., travm. i protez. no. 6-8-12 '61.
Surgical treatment of tuberculosis of the sacroiliac joint. IA B. IUdin. Ortop., travm. i protez no 6 20-24 '61.

SPINE—WOUNDS AND INJURIES
Problems in the preparation for prostheses of patients with sequelae of spine and spinal cord injuries. V G Sanin. Ortop., travm i protez. no. 5:26-33 '61.
Universal splint for injuries to the head and spine. A. N. Gerasimov. Ortop., travm. i protez no. 6 59-60 '61.

SPINEL
Effect of spinel formation on the regenerative capacity of the Ni - Al_2O_3 catalyst V. M. Akimov and others. Izv. AN SSSR. Otd khim nauk no 8 1516-1518 Ag '61.

SPINEL GROUP—THERMAL PROPERTIES
Determination of the configurational heat capacity of a multicomponent spinel. A. N. Men'. Fiz. tver. tela 3 no. 8:2466-2460 Ag '61.

SPINNING MACHINERY
Box trucks for doffing. O. IU. Karpova. Tekst. prom. 21 no. 7:28-29 Jl '61.
Combined spinning-twisting machine. Tekst. prom. 21 no. 7:29 Jl '61.
Modernization of equipment in the cotton spinning industry N. P. Lapshin. Tekst prom 21 no. 7 25-26 Jl '61
New automatic bale feeder-breaker A. S. Poiarkov. Tekst. prom 21 no. 7:15-16 Jl '61.
P-76-5M ring spinning machine. Tekst. prom 21 no. 7: 20-21 Jl '61.
Selecting the efficient type of roving machine flyer. I. I. Finkel'shtein. Tekst. prom. 21 no. 7:16-19 Jl '61
Shortcomings in the design and manufacture of the P-76-5M spinning machines. A. M. Nerobeev. Tekst. prom 21 no. 7 21-22 Jl '61.

SPINOR ANALYSIS
Electrodynamics of a spinor particle of zero mass [with summary in English]. V. G. Vaks. Zhur. eksp. i teor. fiz. 40 no. 3:702-800 Mr '61.

SPIRAL GEARING see Gearing, Spiral

SPITAK—CITRIC ACID
New procedures in chemical processing of fermented solution of citric acid at the Spitak Sugar Refinery A. Zorabian, E. Bagdasarian Prom Arm 4 no 6 40-41 Je '61

SPITTLE INSECTS see subdivision under Azerbaijan

SPLEEN
Studies on the mechanism of organ growth during the embryogenesis Report No 1. Effect of transplanted pieces of adult and embryonic chicken spleens on the spleen of the recipient embryo [with summary in English] I. I Titova Biul eksp biol i med. 51 no 4 107-110 Ap '61
Studies on the mechanism of the regulation of embryonic organ growth Report No. 2 Effect of grafts of spleen tissues from chick embryos enlarged by the effect of adult spleens on the growth of organs in normal chick embryos [with summary in English]. I I Titova, IA. Gort Biul eksp biol i med 51 no 5 99-101 My '61.

SPLEEN—SURGERY
Surgical significance of collateral circulation following the ligation of the splenic artery [in Georgian with summary in Russian]. M I Komakhidze Trudy Inst. eksp. morf. AN Gruz SSR 8 83-103 '60.

SPLINTS (SURGERY)
Plastic splint for treatment of injuries of the metacarpal bones and phalanges P P Gagiev. Ortop., travm i protez. no 5-6d-55 '61
Splints from a thermoplastic material. S. F. Fedorov, K M Sivash, V. N. Kulagina. Ortop., travm. i protez. no. 7 56-57 '61.
Universal splint for injuries to the head and spine. A. N. Gerasimov. Ortop., travm. i protez no 6 59-60 '61

SPONGES, FOSSIL see subdivision under Ivdel' region; Muzhi region

SPORTS
(see also subdivision under Georgia; Riga)
Smile in sports. Smena 38 no. 10-24-25 My '61.
Sports are popular here. A. Dingach. Grazhd. av. 18 no 8 19 Ag '61

SPRATS
Plankton as a factor determining the distribution and productivity of plankton-eating fishes in the Baltic Sea. L. I. Nikolaev. Trudy sov. ikht. kom. no. 13, 364-373 '61

SPRAY PAINTING
Helped by engineers. A. Chikin Na stroi. Ros. no. 7: 31 Jl '61.
Highly productive electric paint panel A. Medvedev. Na stroi. Ros. no. 7, 27 Jl '61

SPRAY PAINTING—EQUIPMENT AND SUPPLIES
Durable nozzle. K. IAkovlev. Stroitel' no. 7-11 Jl '61

SPRINGS see subdivision under Dargan-Ata region, Sytygansylba region

SPRINGS (MECHANISM)
Relationship between allowances for rated parameters of springs. O. N. Ivanchenko. Vest. mash. 41 no. 8: 38-39 Ag '61.
Tolerance in the control parameter of cylindrical coil-type springs. O. N Ivanchenko. Vest. elektroprom 32 no. 8:71-74 Ag '61

SPRUCE
Growth of spruce as affected by the ground-water level and some meteorological factors M. A. Naryshkin Trudy Lab. lesoved. 3:93-114 '61.
Growth of the terminal shoot and accumulation of organic matter in a young growth of spruce. M. A. Naryshkin Trudy Lab. lesoved 3:264-268 '61.
Prokop'ev, M. N. [Regeneration of spruce following the skidding of untopped trees] Vozobnovlenie eli posle trelevki derev'ev s kronami. Moskva, Goslesbumizdat, 1961. 57 p.
(DA)
Some problems concerning seasonal growth of spruce. V. V. Smirnov. Trudy Lab. lesoved 3:51-67 '61

SPUTNIKS see Artificial satellites

SPUTTERING (PHYSICS)
Some angular relationships in cathode sputtering. I. I. Dushkov and others. Zhur. tekh fiz. 31 no. 8:1012 Ag '61.

SQUASH
Return to the production of custard squash seed. M. P Bazilevskii. Kons. i ov. prom. 16 no. 6:27 Je '61.

SQUIRRELS
(see also subdivision under Yakutia)
Structure of spinal neuroplexuses in the squirrel (Sciurus persicus anomalus). V. S. Abashidze. Trudy Inst. eksp. morf. AN Gruz. SSR 3:135-137 '60.

'ABILITY OF AIRPLANES, LONGITUDINAL
Influence of a vibration damper for pitching on the longitudinal stability and controllability of planes. A A Shcherbakov and others Vest Vozd Fl no 7 59-63 Jl '61
Lateral stability and controllability of an airplane A. A. D'iachenko Vest. protivovozd. oborony no. 8 31-35 Ag '61.
Longitudinal stability and the controllability of the airplane. N. M. Lysenko. Vest. protivovozd. oborony. no. 6 35-39 Je '61.
Stability and roll of a plane. G S Kalachev, M G. Kotik. Vest Vozd Fl no 5 56-61 My '61

'AGE LIGHTING
Small device for lighting stages. G. V Kamenskaia. Svetotekhnika 7 no. 3 25-26 Mr '61.

'AINS AND STAINING (MICROSCOPY)
Method for staining of sections of burned skin V M Chernykh. Arkh pat 21 no 9 74-74 '59

'AIRCASES—LIGHTING
Lighting control in the staircases of public dwellings. M. M. Tendler. Svetotekhnika 7 no 3 24-25 Mr '61

'ALIN REGION, BULGARIA see Varna region, Bulgaria

ALINGRAD see Volgograd

ALINGRAD, BATTLE OF, 1942-1943
At Stalingrad N. Anisimov. Tyl i snab Sov Voor Sil 21 no 6 22-28 Je '61
Commander of the Stalingrad front on the work of the staff ("Stalingrad, memoirs of the front commander" by A. I Eremenko Reviewed by V Petrukhin) Tyl i snab. Sov. Voor. Sil 21 no 5 94-96 My '61
Enemy did not pass. V. N. Donnik. Vest. protivovozd. obor. no. 6 78-79 Je '61.
Inspiring account of a great battle ("Beginning of a long march" by V. I. Chuikov Reviewed by M Mal'tsev) Kommun. Vooruzh. Sil 1 no 3 91-93 F '61

ALINGRAD HYDROELECTRIC POWER STATION see Volga Hydroelectric Power Station (22d Congress of the CPSU)

ALINGRAD PROVINCE see Volgograd Province

ALINO see Donetsk

ALINO PROVINCE see Donetsk Province

ALINOGORSK—CHEMICAL INDUSTRIES
Stalinogorsk Chemical Combine I. IA Azbel'. Khim. v shkole 16 no. 4:36-46 Jl-Ag '61

ALINOGORSK—FERTILIZER INDUSTRY
History of the construction of the Stalinogorsk Chemical Combine, from 1929 to 1933 IU V. Voskresenskii. V S Lel'chuk Vest. Mosk un Ser 9 Ist 16 no 5 42-59 S-O '61.

ALINSK see Novokuznetsk

AMPING MACHINERY see Sheet-metal-working machinery

ANDARDIZATION
Standardization is needed V. Zamalin. NTO 3 no. 9:37 S '61

ANDARDS, ENGINEERING
(see also subdivision under Moscow)
Additions to part 4 of "Building standards and rules" (eighth edition). Biul. stroi. tekh. 18 no. 7:27 Jl '61
Information index of standards. Inform. ukaz. stand.

tandards. Biul stroi tekh 18 no. 7·

lanning and construction approved
Construction of the U. S. S. R. in
f 1961. Biul. stroi. tekh 18 no 8·

lanning and construction revoked
Construction of the U. S. S. R. in
f 1961. Biul. stroi tekh. 18 no 8·

and estimating procedures. Stroi.
·, 10] no. 8 36 Ag '61.
tandards and rules." Biul. stroi.
7 Jl '61
onstruction Standards and Rules."
f 30 Jl '61

YZANTINE
the Stanislav find. K. V. Golenko.
3·290-291 '61

PANTIN SERGEEVICH, 1863-1938
ing "My life in art." A. Krolenko.
128 S '61

SEASE
alimentary intoxication. B F.
ed. zhur. no 6:48-49 Je '61.
hage typing of staphylococci in the
al diseases in children [with sum-
. A. Khrushchova, F. M. Teitel'baum.
6 no. 7.52-57 Jl '61

STAPHYLOCOCCUS
Bactericidal effect of rays from the BUF lamp on staphylococci in cultures and on the human skin. M. I. Gusel'nikova. Trudy LSGMI 52 87-91 '60.
Staphylococcal pneumonias in infants L Rachev and others Pediatriia no 9 16-21 '61

STARAYA LADOGA—FORTIFICATIONS, PRIMITIVI
Time of the appearance of a fortified settlement in Ladoga. G F Korzukhina Sov. arkheol 5 no 4 76-84 '61

STARCH
(see also subdivision under Ryazan, White Russia)
Chemical changes of starch due to cooking in the distilling industry V P Sotskaia, V A Smirnov Izv vys ucheb zav., pishch tekh no 4 25-34 '61
Effect of ionizing radiation on the sizing of starch V F Oreshko, L F Gorin, G M Maslova Izv vys ucheb zav., pishch tekh no 4 35-38 '61
New collection of works of the Central Scientific Research Institute of the Starch and Molasses Industry G Khramova Sakh. prom 35 no 8 76-78 Ag '61
Starch and syrup industry and the 22d Congress of the CPSU Sakh prom 35 no 8 1-4 Ag '61

STAREWICZ, WLADISLAW
Sovereign of puppets. D. Babichenko Isk kino no 8 119 Ag '61
Wonderful artist B Mikhin. Isk kino no. 8 119-126 Ag '61

STARITSA—CANNING INDUSTRY
For greater industrial capacity and for more efficient utilization of waste materials A N Danilov Konserv. prom. 16 no. 9 31-32 S '61.

STARS
Evolution of main-sequence stars of early spectral classes A G Masevich Soob GAISH no 105 20-34 '61
Evolution of stellar systems. V. A. Ambartsumian. Izv AN Arm SSR. Ser fiz.-mat. nauk 14 no 3:163-176 '61.
Interpretation of the evolution of main-sequence stars A G Masevich Soob GAISH no 105 3-19 '61
Nature of young stars reaching the main sequence. A. G Masevich Soob GAISH no 105 35-49 '61

STARS—ATMOSPHERES
Existence of an outer convective zone [with summary in English] D K Nadezhin Astron. zhur 38 no. 4 634-640 Jl-Ag '61

STARS—CATALOGS
Some results of the activity of the Time Service of the Shternberg Astronomical Institute during the International Geophysical Year [with summary in English] N.S Blinov. Astron zhur. 38 no. 4 706-713 Jl-Ag '61.

STARS—CLUSTERS
Motion of open clusters of stars [with summary in English] K A Barkhatova. Astron. zhur. 38 no. 4 665-668 Jl-Ag '61

STARS—OBSERVATIONS
Determining right ascensions of stars in the vicinity of the pole observed on the Moscow Repsold meridian circle in 1955-1956 A. P Gulinev Trudy GAISH 30 104-158 '61

STARS—PROPER MOTION
Positions and proper motions of stars observed on the polar telescope at Pulkovo [with summary in English]. Z I. Kadla. Astron zhur. 38 no. 4:758-761 Jl-Ag '61
Proper motions of 332 stars in the vicinity of open star cluster NGC 7209. N. M Artiukhina Trudy GAISH 30 196-206 '61.
Proper motions of 392 stars in the region of open star cluster NGC 5955. N M. Artiukhina. Trudy GAISH 30 219-230 '61

STARS—SPECTRA
Shock waves in the atmosphere of RR Lyrae [with summary in English] R. S. Iroshnikov. Astron. zhur. 38 no 4 623-633 Jl-Ag '61.

STARS, DOUBLE
First results of measurements of binary stars with the SPM-1 polarization micrometer [with summary in English]. P. G Kulikovskii, N. E Kurochkin, G. A. Starikova Astron zhur. 38 no. 4, 762-767 Jl-Ag '61.
Graphic determination of orbit elements of visual binary stars and some statistical regularities for them A V Bespalov Trudy GAISH 30 75-103 '61
Photographic observations of binary stars at the Moscow Observatory Z N Shukstova. Trudy GAISH 30 3-74 '61.

STARS, NEW
Electrophotometric, photographic, and visual observations of nova Herculis 1960. I. N. Latyshev, IU. L. Trutse. Izv. AN Turk. SSR, Ser. fiz. -tekh., khim i geol. nauk no. 1:19-25 '61.
Frequency of outbursts of supernovae in different subtypes of galaxies [with summary in English] IU P Pskovskii Astron zhur. 38 no 4:656-661 Jl-Ag '61.

STARYTS'KYI, MYKHAILO, 1840-1904
Kuzilenko, I. M. [M. P. Starvts'kyi; his life and works] M. P Staryts'kyi, zhyttia i tvorchist'. [Kyiv] Vyd-vo Kyivs'koho univ., 1960. 63 p. (MH)

STATE FARMS
(see also subdivision under Altai Territory, Dmitrov District Moscow Province, Golodnaya Steppe, Ukraine; Virgin Territory)
A city for the workers of a state farm. IA. Kuchar. I Ilinets. Belarus' 18 no. 9 5 S '61.
Developing state farm production and its importance in the sharp upsurge of agriculture I K. Shcherbakha Trudy IMSKHI 25 65-91 '60.
Good lunchroom for each state farm, interview with V. S Zagulina, Member of the Board of the Central Union of Consumers' Cooperatives and Head of the Department of Public Food Service Obshchestv pit no 6 8-9 Je '61
Let us welcome the 22d Congress of the CPSU with worthwhile accomplishments V A Bardin, F S Znobishchev Uchet i fin. v kolkhoz. i sovkhoz 18 no 8: 1-8 Ag '61
Measures were taken Part zhizn' no 19 78 O '61
With belief in the future. S. Miloslavenko. Sov. profsoiuzy no 17.8 S '61

STATE FARMS—ACCOUNTING
Drinking leads to the neglect of duty. A. I. Glukhov. Uchet i fin v kolkhoz i sovkhoz. 18 no 8.24-26 Ag '61
For the right to live and work in the communist ways. A. F. Rodionov. Uchet. i fin. v kolkhoz. i sovkhoz. 18 no. 9 22-23 S '61.

STATE FARMS—COSTS
Ways for reducing production costs in the "Bykovskaia Step'" State Farm M. F Gainetdinov. Uchet i fin. v kolkhoz i sovkhoz 18 no 8:30-40 Ag '61

STATE FARMS—LABOR PRODUCTIVITY
Increased labor productivity is the most important factor for a profitable operation of state grain farms N. I Fomina. Sbor. nauch. st. Azovo-Chernozem. inst mekh sel'khoz. no 9 pt. 2:3-11 '59.

STATICS
Bat', M. I., G. IU. Dzhanelidze, and A. S. Kel'zon. [Theoretical mechanics in exercises and problems] Teoreticheskaia mekhanika v primerakh i zadachakh. Moskva, Gos. izd-vo fiziko-matem. lit-ry.
Vol. I. [Statics and kinematics] Statika i kinematika. Pod red. G. IU. Dzhanelidze. 1961. 472 p.

STATICS—STUDY AND TEACHING
Demonstration set with magnetic holders for experiments on statics B. S Zvorykin Fiz. v shkole 21 no 3 65-67 My-Je '61

STATISTICS
Statistical problems discussed in newspapers and journals Vest stat. no 8 81-82 '61

STATISTICS—CONGRESSES
Statistical conference in Budapest. V M., M. E Vest. stat. no 8 83-87 '61.

STATISTICS—GRAPHIC METHODS
"Handbook of graphic presentation" [translated from the English] by Calvin F Schmid. Reviewed by D. Oparin Vest stat. no 8:79-80 '61

STATISTICS, MATHEMATICAL see Mathematical Statistics

STAVROPOL—KINDERGARTENS
In a kindergarten of Stavropol. Doshk. vosp. 34 no 9 72-73 S '61

STAVROPOL TERRITORY—AGRICULTURE—EXPERIMENTATION
Experimental work in student brigades. A. I. Petrova. Shkola i proizv. 5 no. 6:52-57 Je '61.

STAVROPOL TERRITORY—AGRICULTURE—STUDY AND TEACHING
From the experience of our students' brigade. M. Ivanov Nar obr no 9 59-61 S '61

STEAM
Concerning S. V. Polozhii's article "Steam generation during the outflow of heated water." A. A. Gurchenko Izv. vys. ucheb. zav., energ. 4 no 8.118-121 Ag '61
Effect of temperature near the critical point on the pressure of saturated steam. IU. I Shymanskyi Visnyk Kyiv. un no 2 Ser fiz ta khim no 1:61-64 '59
Remarks on the equation describing the exponent of the adiabatic of wet steam. M. P. Vukalovich, I. I. Novikov. PMTF no. 3:108-110 S-O '61.

STEAM BOILERS see Boilers

STEAM ENGINES—MAINTENANCE AND REPAIR
Mechanization of repair operations in the pipeline system of a steam engine. L. M Gidon. Energetik 9 no. 8:12-14 Ag '61

STEAM FLOW

Determination of the velocity of a medium-sized drop of condensate in a flow of saturated steam [with summary in English]. I. P. Faddeev. Inzh.-fiz. zhur. 4 no 9: 56-60 S '61.

True steam content of steam-water flows in vertical unheated pipes [with summary in English] N I. Semenov, A. A Tochigin Inzh. fiz zhur 4 no. 7 30-34 Jl '61.

STEAM METERS

Mechanical heat meters. A. P. Safonov, V. S. Krongauz. Teploenergetika 8 no 9 25-28 S '61

STEAM POWER PLANTS
(see also subdivision under Kharkov Province)

Efficient parameters of steam power systems with waste-heat boilers. V. M. Datskovskii. Teploenergetika 8 no. 5 76-78 My '61.

STEAM POWER PLANTS—EQUIPMENT AND SUPPLIES

Concerning the selection of feeding pumps for 150 and 200 Mw units S K Kamenskii Elek sta. 32 no 6 21-23 Je '61

STEAM TURBINES

Choice of the contour of large steam turbines. I. V. Shapiro. Teploenergetika 8 no. 5 86 My '61.

Closed loop steam-turbine compressor installation. L. I. Slobodianiuk, V. A. Spiridonov. Teploenergetika 8 no. 4:25-27 Ap '61.

Experimental study of radial and radial-axial stages. A. E. Zariankin, M. F Zatsepin, V N Nikitin Izv vys ucheb. zav , energ. 4 no 8 60-66 Ag '61

Hydraulics of water chambers in the condensers of steam turbines. P. G. Men' Trudy Ural politekh inst. no. 86-76-97 '60

Letter to the editor. G. S. Zhiritskii Energomashinostroenie 7 no. 7 27 Jl '61.

Norms for the outlay of materials for repairing and equipping small and medium steam turbines. Energetik 9 no 8:39-40 Ag '61

Results of testing the hydrodynamical control system of the APT-12-1 turbine. M. G Berenshtein, V. A. Ivanov, Energomashinostroenie 7 no. 5, 39-40 My '61.

Review of the "Study of the elements of steam turbines, gas turbines, and axial compressors" of the Leningrad Metallurgical Plant (Studies, no. 6). S. F. Abramovich and others. Energomashinostroenie 7 no 5 44-46 My '61

Some remarks concerning the selection of the finite parameters of large LMZ condensing turbines of a new series. M. A. Styrikovich, L. S. Popyrin. Teploenergetika 8 no. 5:81-85 My '61.

Starting conditions and temperatures state of the VKT-100 turbine. A. G. Prokopenko, A. V. Lazarenko, V. P. Markin. Teploenergetika 8 no. 5:17-24 My '61.

Study of terminal losses in the lattices of turbine guide blades when the flow at the entrance is not uniform V. P. Lagun. Teploenergetika 8 no. 4:31-36 Ap '61

STEAM TURBINES—TESTING

Thermal and chemical tests conducted on a once-through boiler and a high-pressure turbine. IU. V. Zenkevich, S. IA. Ariel'. Teploenergetika 8 no. 4:12-15 Ap '61

STEAMBOATS—PASSENGER ACCOMODATIONS

Leningrad. TSentral'nyi nauchno-issledovatel'skii institut morskogo flota. [Economic aspects and operation of the merchant marine; present state and trends in the expansion of the marine passenger fleet in capitalist countries] Ekonomika i eksploatatsiia morskogo flota; sovremennoe sostoianie i tendentsii razvitiia morskogo passazhirskogo flota kapitalisticheskikh stran. Leningrad, Izd-vo "Morskoi transport," 1961. 67 p. (Trudy, no. 33)

STEAMBOATS, ICE-BREAKING see Ice-breaking vessels

STEAMPIPES

Nomographs for calculating the strength of welded heating system pipes. I. V. Beliaikina, N. G Ignat'eva. Elek sta. 32 no. 6 23-26 Je '61.

STEEL

Calculation of the volume of steel contained in magnetic amplifiers with noncontact reversive circuits with six chokes for controlling short-circuited three-phase asynchronous motors. V. L. Benin, I. N. Senkevich. Izv. vys. ucheb. zav.; elektromekh. 4 no. 8:61-71 '61.

Heat resistant steel for reinforcing components in electric power systems with steam temperatures of 565 and 580°. M. N. Sokolova. Energomashinostroenie 7 no. 5: 6 My '61.

Mechanical properties of the Kh23N28M3D3T steel. E. V. Zotova. Khim. mash. no. 4:33-35 Jl-Ag '61.

STEEL—CORROSION

Corrosion cracking of 1Kh18N9T steel in caustic soda and sodium chloride solutions. V. N. Gulisev and others. Teploenergetika 8 no. 9:50-55 S '61.

Investigating the corrodibility of KhNM3D3 steels by the potentiostatic method. N. A. Bozin. Khim. mash. no. 4. 30-33 Jl-Ag '61.

Investigating the corrosivity of packings. A. V. Ratner, D. IA. Kagan. Teploenergetika 8 no. 5 35-39 My '61.

Rapid method for testing the intercrystalline corrodibility of OKh23N28M3D3T and Kh23N28M3D3T steels. IU S. Sidorkina, I IA. Klinov. Khim. mash. no. 4. 27-30 Jl-Ag '61

Some dependences of the wear process in metals subjected to friction in alkaline solutions I. V. Vasil'ev. Trudy NIIKHIMMASH no 27:110-119 '59

Studying corrosion resistance of materials in sulfate salt baths M. M Kristal'. Trudy NIIKHIMMASH no. 27:102-109 '59.

STEEL—HARDENING

Changing conditions for hardening notching dies. L. IA. Pavlova Sbor. rats. predl. vnedr. v proizv. no. 5:41-42 '60.

Deformation of steel surfaces by friction and their abrasive wear resistance V N. Koshcheev Fiz met i metalloved 12 no. 1:108-117 Jl '61

Precipitation hardening of ferrite in low-carbon steel with an addition of vanadium. M. S. Mikhalev, G. D. Suslopatov. Fiz. met. i metalloved. 12 no 1:140-151 Jl '61

STEEL—HEAT TREATMENT

Connection between the hardness and hardened steel and phase transformation characteristics during rapid electric heating. IU. A Kocherzhinskii, V M Pan. Sbor. nauch rab Inst metallofiz. AN URSR no 12:111-116 '61

Effect of heat treatment on the behavior of 3 kp steel at temperatures below 0° N. M. Zamiatin, I. A Shutov. Izv vys. ucheb. zav , chern met 4 no 7:142-146 '61

New steel brands for making pistons and processes for their heat treatment. A D Assonov. Vest mash 41 no 8 45-49 Ag '61.

STEEL—HYDROGEN CONTENT

Factors determining hydrogen content in finished steel B P. Nomand others. Izv vys. ucheb zav , chern. met 4 no 7 55-61 '61

STEEL—MAGNETIC PROPERTIES

Properties of cold-rolled steel in reels for use in electric transformers. R. I. IAmus and others Vest. elektroprom. 32 no 9 62-63 S '61.

STEEL—METALLOGRAPHY

Crystallization of graphite in hypereutectoid steel A S. Kushnirskii. Izv vys. ucheb zav., chern. met. 4 no 7 167-175 '61

Effect of hardening and tempering steel on the fine crystal structure and martensite. I. I Lysak Sbor nauch. rab metallofiz. AN URSR no. 12, 21-36 '61.

Nonmetallic inclusions in bessemer rail steel. D. I. Turkenich, S T. Rostovtsev. Izv. vys ucheb. zav., chern. met 4 no 7:62-66 '61.

Phase and structural changes in carbon steel under the pulse effect of high temperatures and pressures. B. D. Glovin, S. B. Nizhnik. Fiz. met i metalloved. 12 no. 1, 84-90 Jl '61.

STEEL—METALLURGY

Economizing ferromanganese in making G13L steel in tractor-building plants IU. A. Shul'te, V. S. Shitikov, M N. Kurbatov Izv vys. ucheb. zav , chern. met 4 no 7 67-71 '61.

STEEL—TESTING

Investigating the structure and properties of 12khMF steel in the embrittled and normal state. D. N. Vidman, R. E. Mazel'. Teploenergetika 8 no. 9:44-49 S '61.

Mechanical properties of 9KhS steel at high temperatures. V P. Severdenko, K V. Brokhov. Dokl. AN BSSR 5 no 8:339-340 Ag '61

STEEL, HEAT-RESISTANT

Effect of certain alloying elements on the heat resistance of 15KhIMIF steel. E A Davidoveskaia. Metalloved. i term. obr met. no. 8:26-28 Ag '61

STEEL, STAINLESS—CORROSION

Corrosion cracking of austenitic stainless 1Kh18N9T type steel. V. V Gerasimov. Metalloved i term obr. met. no. 8:29-36 Ag '61.

STEEL, STAINLESS—METALLOGRAPHY

Role of delta-ferrite in martensite transformations in stainless steels L. N Belinkov, B. G. Livshits, IA. M. Potak. Izv. AN SSSR. Otd. tekh. nauk. Met i topl. no. 4 53-55 Jl-Ag '61.

STEEL, STAINLESS—TESTING

Testing for intercrystalline corrosion of stainless austenite and austenite-ferrite steels. F. B. Slomianskaia and others. Trudy NIIKHIMMASH no. 27:3-53 '60.

X-ray spectroscopy of the nonuniform distribution of nickel in stainless steels. A. G. IAkhontov. Fiz met. i metalloved. 12 no. 1:51-54 Jl '61.

STEEL, STRUCTURAL

Steel elements with ties made of glass fibers. V. Pustovoitov. Stroi i arkhit. 9 no. 7, 19-20 Jl '61.

STEEL, STRUCTURAL—STANDARDS

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Technical specifications SN95-60 for the manufacture and assembly of steel constructions made of carbon and low-alloyed steels] Tekhnicheskie usloviia na izgotovlenie i montazh stal'nykh konstruktsii iz uglerodistykh i nizkolegirovannykh stalei (SN 95-60). Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 45 p.

STEEL ALLOYS
(see also subdivision under United States)

Developing the production and use of low-alloyed steels in the national economy F. G Kostenko. Biul. tekh.-ekon. inform. no. 7:7-10 '61.

STEEL ALLOYS—BRITTLENESS

Brittle failure of alloyed steels M P. Braun and others. Izv. AN SSSR Otd tekh nauk Met i topl no 4 43-49 Jl-Ag '61

Notch sensitivity of low-alloy and carbon steels during arc welding M Kh Shorshorov, V D Kodolov Svar. proizv. no. 8 1-4 Ag '61.

STEEL ALLOYS—HARDENING

Hardening alloyed steel for machine building by thermomechanical treatment E. V. Astaf'eva and others. Metalloved. i term obr met no 8:54-56 Ag '61

STEEL ALLOYS—HEAT TREATMENT

Effect of heat treatment on the strength of bonding nickel-phosphorous coatings to hardened KhVG steel G. G. Zusmanovich. Metalloved. i term. obr met no. 6: 40-42 Ag '61

Processes occurring during the tempering of complex alloy steels I. V Paisov, E V. Panchenko, O. I. Rutenko. Izv vys. ucheb. zav , chern. met 4 no 7 149-153 '61.

STEEL ALLOYS—METALLOGRAPHY

Effect of alloying elements on changes during the tempering of the mosaic structure and distortions of the crystal lattice of martensite. I. I. Lysak. Sbor. nauch rab Inst. metallofiz. AN URSR no. 12:124-134 '61.

STEEL ALLOYS—WELDING

Preventing cracking of welded joints in thin 35KhGSA and 25KhGFA steel sheet. P. T. Medvedev Avtom. svar 14 no 9 6-9 S '61

STEEL INDUSTRY
(see also subdivision under Siberia, Western, Ural Mountain region)

Let's create the fourth metallurgical region in our country S. Kolmakov. Kommunist 38 no. 15:81-82 O '61.

STEEL INDUSTRY—COSTS

Are we properly counting rubles and kopecks? V Pandakov Izobr. i rats no. 9 30 S '61.

STEEL INDUSTRY—PRODUCTION STANDARDS see subdivision under Zhdanov

STEEL INDUSTRY—QUALITY CONTROL

Control and responsibility for production quality. M. Matevosian and others Sots. trud 6 no. 8, 115-121 Ag '61.

STEEL INGOTS—DEFECTS

Formation of a continuous, flat steel ingot and the occurrence of defects on its surface. A. A. Skvortsov. Izv vys. ucheb zav , chern met 4 no 7 78-87 '61.

STEEL PIPE see Pipe, Steel

STEELWORKS see subdivision under Yenakiyevo

STEREOPHOTOGRAPHY see Photography, Stereoscopic

STEREOTYPING

Technique of pressing newspaper matrices. S. I. Shaposhnikov, G S. Losovskaia. Poligr. proizv no 8 12-14 Ag '61

STERLITAMAK—CONCRETE REINFC

We lighten work and increase prod Na stroi. Ros no. 7:23 Jl '61

STERLITAMAK REGION—LAMELLI FOSSIL

New early Permian pelecypod spec R. E. Nel'zina. Paleont zhur. no

STERNUM—FRACTURE

Case of surgical treatment for fra S. B. Tintov. Ortop., travm. i pr

STEROIDS

Case of acute adrenal cortex insuf nev, A. P. Kuz'michev. Probl. e 110-112 '61.

Kocheikov, N. K., I. V. Torgov, an [Chemistry of natural compounds; nucleotides, steroids, proteins] I soedinenii; uglevody, nukleotidy, Moskva, Izd-vo Akad. nauk SSSR,

STILBENE

Absorption of vapors of organic compounds. Part 2. Dibenzyl and stilbene O P Kharitonova Opt i spektr 10 no 6 745-749 Je '61

STILBENEDIOL

Potentiation of the effect of diethylstilbestrol on the mammary gland in rabbits under the influence of 3-methyl-5-phenylpyrazole (phemerazole) [with summary in English] G N Pershin, N A Novitskaia, A A Grushina. Biul eksp biol i med 51 no 5 74-76 My '61

STOCK AND STOCKBREEDING
(see also subdivision under Europe, Eastern, India, Kirghizistan, Rakitnoye District)

For more extensive studies on the trace element requirements of animals. V.IU.Mitsyk. Visnyk sil'hosp nauky 3 no.4:94-96 Ap '60.

New technology and mechanization in stockbreeding D.S Sokolov Shkola i proizv. 5 no.6 84-92 Je '61

Palkin, G., ed. [Manual on private livestock and poultry raising] Spravochnik po individual'nomu zhivotnovodstvu i ptitsevodstvu. Moskva, Izd-vo VTsSPS Profizdat, 1946. 152 p (V pomoshch' rabochim i sluzhashchim zanimaiushchimsia zhivotnovodstvom i ptitsevodstvom) (DA)

Pozdniakov, M.M., ed. [Handbook on animal husbandry for the non-Chernozem zone of the U.S.S.R.] Spravochnik zootekhnika nechernozemnoi polosy SSSR. Moskva, Gos. izd-vo sel'khoz lit-ry, 1959. 560 p. (DA)

TSynkov, M.IU. [Organization of animal husbandry as exemplified by farms of the non-Chernozem and central Chernozem zones] Organizatsiia zhivotnovodstva, na primere khoziaistv nechernozemnoi i tsentral'noi chernozemnoi zon. Moskva, Gos. izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 303 p. (DA)

STOCK AND STOCKBREEDING—ACCOUNTING
(see also subdivision under White Russia)

Improving collective and state farm reports on stockbreeding G Ivashkin Vest stat. no 8 51-57 '61

STOCK AND STOCKBREEDING—STATISTICS

Methods for the statistical determination of stock and meat production volume A Brianskii Vest stat no 8 44-50 '61.

STOCK AND STOCKBREEDING—STUDY AND TEACHING

Let's pay special attention to the training of future stockbreeders. IA D. Telisheva'kyi Rad shk 40 no 6 33-34 Je '61

Training of stockbreeding personnel in rural secondary schools with vocational instruction. A.V Alekseev Shkola i proizv. 5 no 6:34-38 Je '61

STOCK AND STOCKBREEDING—TERMINOLOGY
(see also subdivision under Turkmenistan)

Materials for studying the stockbreeding terms of the Turkmen language (continuation). Z.K.Mukhammedova. Izv.AN Turk.SSR.Ser.obshchestv.nauk no.3,59-78 '61.

STOCK POISONING PLANTS

Vil'ner, A.M. [Forage poisoning in farm animals] Kormovye otravleniia sel'skokhoziaistvennykh zhivotnykh. Izd.3. perer.i dop. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1959. 438 p. (DA)

STOLYPIN, PETR ARKAD'EVICH, 1862-1911

Chuvashia during the years of Stolypin's Chuvashila v gody Stolypinskoi agrarnoi ry, Gos. izd-vo Chuvashskoi ASSR,

Polyposis gastrica V A. Marinberg Voen -med zhur no 5 82 My '61

Some gastroscopic data on patients with functional disorders of the stomach and chronic gastritis A F Mikhailov Voen. -med zhur no 6 76 Je '61

STOMACH—INFLAMMATION

Compound treatment of chronic gastritis at the Novye Senzhary Sanatorium G T Khestanov, A I Maltsev, I G Chernov Voen -med zhur no 6 78 Je '61

Gastroscopy in the diagnosis of chronic gastritis. A IA Trufanov. Klin. med. no 7:58-61 '61.

Treating patients with hyperpetic gastritis by satiation E S Dvalishvili Soob AN Gruz SSR 26 no 4 497-503 Ap '61

Treatment of chronic gastritis with Schisandra chinensis I I Lapaev Voen -med zhur no 6:76-77 Je '61.

Use of small concentrations of a novocaine solution in treating chronic gastritis E I Belinev Voen -med zhur no 6 77 Je '61

STOMACH—INNERVATION

Effect of the stimulation of gastric receptors on the tone of skeletal muscles O.D Semenova Trudy Kirov otd Vses fiziol ob-va I no 1 83-93 '60.

Method for detecting neural elements in the stomach wall in peptic ulcer by impregnation with silver nitrate V A. Kuznetsov. Arkh pat 21 no 9 74 '59

STOMACH—SECRETIONS

Effect of stimulation of some structures of the brain stem and the limbic region of the cerebral cortex of a dog on the secretory activity of the stomach A V Asatiani Soob. AN Gruz SSR 26 no 4 447-454 Ap '61

STOMACH—SURGERY

Absorption of casein-I^{131} and methionine-S^{35} from the digestive tract at various times after the resection of two-thirds of the stomach [with summary in English] K. S Zamychkina, L. V. Kriukova Biul eksp biol i med 51 no 4 43-47 Ap '61

Changes in the peripheral blood and bone marrow following partial experimental resection of the stomach G. V. Inasaridze Soob AN Gruz SSR 26 no 5 599-605 My '61

STONE, CRUSHED

Drilling and cutting ripper unit for unloading frozen rock, gravel, and sand. Gor khoz. Mosk 35 no 8:48 Ag '61

Factory-applied crushed-stone finish for prefabricated panels. S. Ananiev, A Kikin. Stroi i arkhit. Mosk 9 [i.e.10] no.8 33-34 Ag '61

Modernization of the stone crushing plant sections M N. Savitskii Put' i put khoz 5 no 6 17 Je '61

Specialization of production and planning in enterprises of the rock, sand, and gravel industry I. B Shiaia Stroi mat 7 no 8 23-26 Ag '61

STONE, CRUSHED—GRADING

Sorting crushed rock with an air jet. Stroitel' no. 7: 23, 25 Jl '61.

STONE AGE
(see also subdivision under Ukraine)

Expansion of the "Battle-ax culture" at the end of the third thousand years B.C. A. IA. Briusov Sov arkheol 5 no 3.14-33 '61

STONE IMPLEMENTS see subdivision under Chast-Tepe

STONECUTTING—EQUIPMENT AND SUPPLIES

Use of stone-cutting machines in underground construction M G Leikin. Stroi. truboprov. 6 no 7:27-28 Jl '61.

STONY TUNGUSKA RIVER see Podkamennaya Tunguska

ming agents in forming lead plates E. M El'terman Vest elektro- 7 S '61

g the discharge and circuits for alkaline storage batteries. S. V tnikov. Biul tekh -ekon inform.

nder Moscow)
buted correctly. I. Berger, torg. 34 no. 8:31-38 Ag '61.

M. Rabinovich, K. Bulgakov, arkhit. 9 no 7:26-27 Jl '61.

mance of wire transducers fixed ent. A.M. Kazanskii. Izm. tekh.

on in discs. S. A. Shesterikov. My-Je '60.

Determination of internal stresses during formation of gelatine films [with summary in English] P. I. Zubov, L. A. Lepilkina. Koll zhur. 23 no 4:418-422 Jl-Ag '61.

Fundamentals of the theory of brittle fracture. M.IA. Leonov. PMTF no.3 85-92 S-O '61.

Mechanical stresses in the loops of the central portion of a long single-layer plane-spiral coil caused by radial electromagnetic force. A A. Kuznetsov Zhur tekh fiz 31 no 8.944-947 Ag '61

Mechanics of stress transmission in a loose medium A V Anatol'ev, A P Kovtun, P. N Plutonov. Izv vys uchеb zav., pishch. tekh no 4 128-133 '61

Parallel study of stresses and dislocations in germanium crystals. V. I Nikitenko, V. L Indenbom Kristallografiia 6 no 4 432-436 My-Je '61

Pressures in the contact area of cylinders with rough surfaces. B. L Romalis Izv. AN SSSR Otd. tekh. nauk Mekh. i mashinostr. no. 4 189-192 Jl-Ag '61

Problem of the plastic state of a material under a rigid rough stamp in the case of eccentric loading IU I. Solov'ev. PMTF no. 1 110-116 My-Je '60.

Role of microstrain in the plastic deformation of metals D M. Vasil'ev, G. I Arkovenko Fiz. tver. tela 2 no 3 513-516 Mr '60

Stress in nonuniformly heated discs beyond the elastic limit PMTF no 1 122-124 My-Je '60.

Superposition method in conditions of elasticity and the breaking force. V.D. Kliushnikov. PMTF no.3: 103-104 S-O '61.

Theory of the nonelasticity of crystals during vibration [with summary in English] N S. Akulov, P.P.Galenko Izzh -fiz. zhur 4 no 3 98-104 Mr '61

STRAVINSKII, IGOR' FEDOROVICH, 1882-

Affectionate greetings from Stravinskii. Tikhon Khrennikov. Ogonek 19 no. 32 12 Ag '61.

STRAW

Increasing the nutritive value of straw by treatment with ammonia [with summaries in English, German, and French]. S. IA. Zafren. Vest. sel'khoz. nauki 6 no. 8 56-63 Ag '61.

STRAWBERRIES

Comparative salt resistance of individual species and varieties of strawberries, A. I. Saks. Izv Sib. otd. AN SSSR no. 7:98-110 '61

STREAM CROSSING, MILITARY

Antiaircraft gunners cover a crossing. A. Tatdykin. Voen vest. 41 no. 5:47-50 My '61

Approach bridges and fords more quickly. G. Sallykov. Voen. vest. 41 no 5:35-38 My '61

Artillery support of a forcing operation. N. Men'shenkov. Voen vest. 41 no. 5:44-47 My '61.

Battery supports the forcing of a river from the march M Pankov. Voen. vest 41 no. 5:87-91 My '61

Communication in stream crossings. V. Liadov. Voen. vest. 41 no. 5:105-107 My '61.

Crossing a river with a double channel; from the experience of the Polish Army. Ch Piotrovskii. Voen vest 41 no. 5:53-55 My '61.

Forced crossing of water barriers from the march. M. Sheremet. Voen. vest. 41 no. 5:32-35 My '61

Operations in the crossing and landing of a company. I. Tikhomirov. Voen. vest. 41 no 5:98-102 My '61

Radiation and chemical reconnaissance. S. Dolodonov. Voen. vest. 41 no 5:50-53 My '61.

Reconnaissance of a river. A. Bulgakov. Voen. vest. 41 no. 5:38-41 My '61.

Thoroughly prepare for exercises on stream crossing. V. Martsiniuk. Tyl i snab Sov. Voor. Sil 21 no. 7 75-79 Jl '61.

STREAM MEASUREMENTS

Improving the accuracy of stage and discharge observations on streams with increased gradients. M M. Kabakov Izv. AN Kir. SSR. Ser. est. i tekh nauk 2 no 1 49-59 '60

Results of field investigations of a measuring weir. T Sulaimanov. Izv AN Kir SSR. Ser ent. i tekh. nauk 2 no. 4,61-66 '60.

STREET LIGHTING

Role of lighting in urban architecture. N. Gusev. Arkhit. SSSR no. 7:46-51 '61.

STREETCARS—CONGRESSES

Conference on streetcar and trolley bus transportation systems. IU M. Galonen. Elektrichestvo no. 4 89- Ap '61.

STRELICHEVO REGION—GEOLOGY, STRUCTURAL

Ruptures in the Strelichevo upheaval of the Pripet depression warping, their extent and age. A. S Makhnach, V. I Kurochka, V. K Golubtsov. Dokl. AN BSSR 5 no. 8: 352-356 Ag '61.

STRENGTH OF MATERIALS

Criteria of fracture in the dislocation theories of strength V L. Indenbom Fiz. tver. tela 3 no. 7:2017-2079 J '61

Dependence of the ultimate strength of dispersed systems on the rate of application of the load R. IA Ivanova N. I. Malinin PMTF no 1 125-129 My-Je '60.

Homemade apparatus and installations for studying the strength of materials F F Zaitsev Sred spets obr, 8 no 8:24-31 Ag '61

Rakhmatulin, Kh. A., and Iu. A. Dem'ianov. [Effect of intense momentary loads on the strength of materials] Prochnost' pri intensivnykh kratkovremennykh nagruzkakh. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961, 396 p.

STREPTOCOCCAL INFECTIONS

Morphological changes in experimental polyarthritis induced in white rats by β-hemolytic Streptococcus A [with summary in English]. P. V Smirnov, I. V Beletskaia, N. A. Boroditsk. Arkh pat 21 no 9:15-21 '59

STRESS (PHYSIOLOGY)

Significance of prolonged functional tension of the nervous system in the development of lipoidosis of the aorta and lesions of the myocardium in rabbits [with summary in English] P S Khomulo Biul eksp biol i med 51 no 5 39-41 My '61.

STRIKES AND LOCKOUTS

(see also subdivision under Kizyl-Kiya; Spain)

The Bolshevik Party as the organizer of political strikes during the struggle against the Kornilov uprisings D. M. Zol'nikov. Uch. zap. TGU no 37:17-39 '59.

"The labor movement in capitalist countries." Book review. Polit. samoobr 5 no 9:140-145 S '61.

The strikes of Russian workers in the autumn of 1917. D. M Zol'nikov. Uch. zap TGU no. 37:47-70 '59

STRIP MINING—LABOR PRODUCTIVITY

Word of excavator operators. I. Oleinikov. Sov. shakht. 10 no. 9:12-13 S '61.

STRONTIUM—ISOTOPES

Changes in the functional activity of kidneys in dogs during chronic radiation sickness induced by strontium-90. Z. I. Polubotarinova. Radiobiologiia 1 no. 3:372-377 '61.

Disorders in the higher nervous activity of the progeny of dogs previously exposed to prolonged chronic internal irradiation by beta rays of Sr^{90}. V. A. Nazarov. Radiobiologiia 1 no. 3:412-417 '61.

STRONTIUM IN THE BODY

Comparative behavior of strontium and calcium in the organism of the cow. L. A. Buldakov, N. I. Burov. Radiobiologiia 1 no. 3:418-423 '61.

STRONTIUM SULFATE

Paramagnetic resonance of Mn^{2+} in SrS [with summary in English]. A A Manenkov, A M Prokhorov. Zhur eksp. i teor. fiz 40 no. 6:1606-1609 Je '61

STRONTIUM TITANATE CRYSTALS—ELECTRIC PROPERTIES

Production of strontium titanate single crystals and some data on their dielectric properties IU. I. Gorina and others. Kristallografiia 6 no. 3:473-475 My-Je '61.

STRUCTURAL ALUMINUM see Aluminum, Structural

STRUCTURAL FRAMES

Applying a mixed problem in structural mechanics to the calculation of combined frameworks which were once statically indeterminate. L. I Korshun Sbor. nauch. trud. Bel politekh inst no. 20:109-128 '60

Deformation calculation of frame systems composed of thin-walled elements A. A. Derkachev Izv Otd. geol.-khim. i tekh. nauk AN Tadzh SSR no 1:13-24 '59

Designing frames by a matrix method. K. K. Ponomarev Izv. vys uchab zav., stroi i arkhit 4 no 4 23-41 '61

Manufacture of thin-walled latticed elements in molding units. L. Belousov, M. Davidan. Strot. i arkhit. 9 no 7:21-22 Jl '61.

Metal openwork elements. IU. Ratnovskii, A. Popov. Stroi. i arkhit. Mosk. 9 [i.e. 10] no. 8, 29-32 Ag '61.

Possibility of replacing a one-story, multiple-span frame with a single-span of equal rigidity. A. N Raevskii. Issl. po teor. sooruzh. no. 10:81-89 '61.

STRUCTURAL FRAMES—ELECTROMECHANICAL ANALOGIES

Using electric models in studying the structural mechanics of frames. K. K. Keropian. Issl po teor. sooruzh. no. 10:257-269 '61.

Using electric models of problems in structural mechanics giving rise to systems of five-member equations O. V. Luzhin. Issl. po teor. sooruzh. no. 10:270-278 '61.

STRUCTURAL FRAMES—WELDING

Paton, E. O. [Selected works; in three volumes] Izbrannye trudy; v trekh tomakh. Kyiv, Izd-vo Akad. nauk USSR.

Vol. 2. [Welded structures] Svarnye konstruktsii, 1961, 418 p.

STRUCTURAL STEEL see Steel, Structural

STRUCTURES, THEORY OF

Designing statically indeterminate systems with excessive points of contact on one side. I. M. Rabinovich. Issl. po teor sooruzh. no. 10:163-169 '61.

Sosis Issl. po teor. sooruzh no. 10:279-286 '61.

Reverse matrix of three-member systems of equations. IU G Pchelkin. Issl. po teor sooruzh no 10:253-256 '61

Solving the contact problem for structures. F. Sh Usupov Issl po teor sooruzh. no 10.156-162 '61.

STRUMILIN, STANISLAV GUSTAVOVICH, 1877-

Academician S. G. Strumilin. Marietta Shaginian Nauka i zhizn' 28 no 8:58-63 Ag '61.

STUDENT ACTIVITIES

(see also subdivision under Chebula District, Leningrad)

Forms of work are different but there is a common goal in developing students' interests. L. Mikaelian, I Lidina. Nar obr. no. 9 62-65 S '61.

Historical evening "Africa struggles" B A. Rusakov. Prep ist v shkole 16 no 5 97-98 S-O '61.

In the Ministry of Education of the R. S. F. S. R Nar. obr. no 9 122-123 S '61

Student brigade in a school for the future builders of communism I. I Rozhkov Rad shk. 40 no 6 28-29 Je '61.

Training a student group in the schools for rural youth I. I. Kobyliatskyi, I I Myrnyi Rad shk 40 no. 6 72-73 Je '61

Weekly duty assignments of students in a technical school. B. S Zlindinov. Sred. spets. obr 8 no 8:53-54 Ag '61.

The whole town is our school. O. Bogdanova Sem'ia i shkola 16 no. 6:14-16 Je '61.

STUDENT COOPERATIVES see subdivision under Kokchetav Province

STUDENT EMPLOYMENT

Legal status of the students of general schools during *their manual training* in industrial enterprises [with summary in English]. A M Kuznetsov Vest LGU 16 no 17 130-139 '61.

STUDENT TEACHING see subdivision under Moscow

STUDENTS, FOREIGN see subdivision under Moscow

STURGEONS see subdivision under Danube River; Dnieper River

STURGEONS—PARASITES see Parasites—Sturgeons

STURZ, HERBERT

"Reapers of the storm"; a novel by E. Lyttleton, H. Sturz. Reviewed by I. M. Maiskii. Moskva 5 no. 8:178-79 '61.

STYRENE

Arylalkylation of anisole with styrene and α-methylstyrene in the presence of BF_3, H_3PO_4 and $BF_3.O(C_2H_5)_2$. S. V. Zavgorodnii, E. V. Alisova. Dokl. AN SSSR 139 no. 6:1367-1370 Ag '61.

New method of synthesizing α, β-chlorostyrenes by the direct chlorination of styrene. S. I. Sadykh-Zade, N T Sultanov. Azerb. khim. zhur. no. 5:33-36 '60.

Production of α-methylstyrene by the catalytic dehydrogenation of isopropylbenzene. V. P. Shatalov, L A Velikanova. Khim. prom no 8 530-531 Ag '61.

Synthesis of para-dichloroisopropenylbenzene. IU. G. Mamedaliev, R. A. Babakhanov. Dokl. AN Azerb. SSR 17 no. 6:467-470 '61.

STYRFAZ—ANTIQUITIES

Results of the archaeological work done in the village of Styrfaz. B. V. Tekhov. Izv. IUgo-Oset. nauch.-issl. inst. no. 10:136-152 '60.

STYRFAZ—COINS, ANCIENT

Ancient coins from the village of Styrfaz. B. V. Tekhov. Izv. IUgo-Oset. nauch.-issl. inst. no. 10:153-159 '60.

SUBLIMATION (PHYSICAL SCIENCES)

Determining the sublimation energy of the system Pd - H by means of the pulse method [with summary in English]. N. A. Protopopov, V. M Kul'gavchuk. Inzh.-fiz. zhur. 4 no. 9:102-103 S '61

Pulse method of determining sublimation energy in metals and alloys [with summary in English]. N. A. Protopopoff, V. M. Kul'gavchuk. Inzh. fiz. zhur 4 no. 7:84-90 Jl '61.

SUBMARINE BOATS

Azhazha, V. G. ["Severianka" leaves for the ocean] "Severianka" ukhodit v okean, Moskva, Gos. izd-vo geogr. lit-ry, 1961. 111 p. (Puteshestviia, prikliucheniia, fantastika)

A close-knit and efficient team. T. Belashchenko. Komm. Vooruzh. Sil 1 no. 6:73-76 D '60.

A long voyage. L. Suslov. Komm. Vooruzh. Sil 1 no. 7: 73-74 Ap '61.

Submariners have raised their naval skill. V. Grechukhin. Komm. Vooruzh. Sil 1 no. 6:44-45 Mr '61.

Submariners master the complicated machinery of their boats A. Danilko, V. Laushkin Komm. Vooruzh Sil 1 no. 2:56-59 O '60.

Submariners of the Pacific Fleet prepare for the 22d Congress. A. Krysov. Komm. Vooruzh. Sil 1 no. 4: 48-49 F '61.

Sulfhydryl groups in the tissue of the submaxillary gland after its parasympathetic innervation has been damaged [with summary in English] V M Rubel' Biul eksp biol i med 51 no 4 62-66 Ap '61

SUBWAYS see subdivision under Kiev

SUCCINIC DEHYDROGENASE

Histochemical study of the distribution of succinic dehydrogenase in the kidney. K A. Zufarov, S. S. Chizhova, E. K Shishova TSitologiia 3 no. 4 474-476 Jl-Ag '61.

SUCKER RODS

(see also subdivision under United States)

Cyclical tenacity of the metal sucker rods for deep pumps. A. S Kerimzade, B M. Akhmedov Azerb neft khoz. 39 no 1 45-46 Ja '60.

SUDAKSKAYA VALLEY—VITICULTURE

Viticulture and wine making in the Sudakskaya Valley E. F. Karpovich Izv Krym otd Geog. ob-va no 4 11-19 '57

SUDAKSKAYA VALLEY—WINE AND WINE MAKING

Viticulture and wine making in the Sudakskaya Valley E. F. Karpovich Izv Krym otd Geog. ob-va no 4 11-19 '57

SUDAN—COMMERCE—NORTH AFRICA

Early Arabic data on western Sudan and its commercial contacts with North Africa. L E Kubbel' Krat soob Inst. nar. Azii no. 47 13-48 '61

SUDAN—ECONOMIC CONDITIONS

Republic of Sudan. E. Lukin. Vnesh torg 41 no. 8:29-32 '61.

SUEZ CANAL—DESCRIPTION AND TRAVEL

Town in a crater. Boris Tartakovskyi. Znan. ta pratsia no. 9 15-17 S '61.

SUGAR

Production of sugar and yeast from feed molasses. L. E Fleishman and others. Sakh prom. 35 no. 8 11-16 Ag '61

SUGAR BEETS

(see also subdivision under Belaya Tserkov'; East Kazakhstan Province; Grebenka District; Hawaiian Islands; Kazakhstan; Lgov District)

Machinery for sugar-beet growers. N. Ignatenko. NTO 3 no. 9:36 S '61.

Role of trace elements and the hydrazide of maleic acid in increasing the productivity and improving the quality of sugar beets on peat soils I. A. Shcherbenko Visnyk sil'hosp nauky 3 no 4:72-76 Ap '60.

Students grow the seeds of monospermous sugar beets. S Zhuravlev. Shkola i proizv. 5 no 6:93-94 Je '61.

SUGAR BEETS—BIBLIOGRAPHY see Bibliography—Sugar beets

SUGAR BEETS—CLEANING

Apparatus for separating impurities heavier than water in a hydraulic transporter. G. A. Sokolov, S. F Pavliuk. Sakh prom. 35 no 8 42-45 Ag '61.

SUGAR BEETS—HARVESTING see subdivision under Kuban

SUGAR BEETS—STORAGE

More about the combined use of flue gases in storing sugar beets A. S. Kiendel'. Sakh. prom. 35 no. 8 75 Ag '61

SUGAR BEETS—WATER REQUIREMENTS

Effect of soil moisture on the development of chlorophyll-bearing organs in the sugar beet [with summary in English]. L. I. Onyshchenko. Ukr. bot. zhur. 18 no. 4 22-29 '61.

SUGAR INDUSTRY

(see also subdivision under Kazakhstan; Kirghizistan, Ukraine)

Possibilities for the use of high-frequency conductometri method in studying saturation. O D. Kurilenko, R. I. Sukhomlin. Izv. vys. ucheb. zav., pishch. tekh no 4 142-145 '61.

Review of letters and articles addressed to the publisher S. Gerasimov, Sakh. prom. 35 no. 8:73-75 Ag '61.

Writing the history of sugar factories. V. A. Grechukhin Sakh. prom. 35 no. 8:4-6 Ag '61.

SUGAR INDUSTRY—BIBLIOGRAPHY see Bibliography—Sugar industry

SUGAR INDUSTRY—ELECTRIC EQUIPMENT

Selecting a power system for sugar factories. P IA. Ivanov. Sakh. prom. 35 no. 8:46-51 Ag '61.

SUGAR INDUSTRY—EQUIPMENT AND SUPPLIES

(see also subdivision under France)

Automatic emergency system for switching on turbine pumps. D. P. Serykh Sakh. prom. 35 no. 8 52-53 Ag '61.

Comparative evaluation of the work of continuous diffusers. I. I. Prilutskii. Sakh. prom. 35 no. 8:33-41 Ag '61.

INDUSTRY -- EQUIPMENT AND SUPPLIES
tinued)
anized washing of drying planks IA. A Ganelin.
h prom. 35 no 8.53-54 Ag '61
ecting rotors of TV-80-2, 6 turboblowers from un-
ance A I. Katana Sakh prom. 35 no 8 55-56 Ag

factories should receive durable sacks V. S
ulenko Sakh prom 35 no 8 28-29 Ag '61
50 water-ring vacuum pump. M I. Rybalkin
. prom 35 no 8 31-33 Ag '61

INDUSTRY--PERIODICALS
nter with the readers Sakh prom. 35 no 8
73 Ag '61

MANUFACTURE
also subdivision under Pogrebishchenskiy)
gation of thermophysical properties of sugar solu-
A M Chernyi Izv vys ucheb zav , pishch. tekh.
150-157 '60.
of sugar in evaporation. V A. Danil'tsev IA I
ush. Sakh prom. 35 no 6 23-25 Ag '61
on purification of juices with bentonites V. I.
nk, M A Kokhan, A. P Gaiduk Sakh prom 35
21-23 Ag '61.
ov, A. I., and I. P. Lepeshkin. [Manufacture of sugar] Proizvodstvo sakhara iz svekly. Izd. 2. va, Pishchepromizdat. (Biblioteka molodogo hego)
No. 5. [Boiling, crystallizing, and bleaching the massecuite, and producing the granulated sugar.] Varka, kristallizatsiia, probelka utfeleі i poluchenie sakhara-peska. 1960. 103 p.

MANUFACTURE--BY-PRODUCTS
nted beet pulp as a source for enriching the gastro-
tinal tract of cows with yeast IU D Nechypor-
Visnyk sil'hosp nauky 3 no 4 89-90 Ap '60

MANUFACTURE--STUDY AND TEACHING
ice of production instruction on the technical edu-
n of students. A. G. Shchekoldin Shkola i proizv
. 6 63-64 Je '61.

position of sugars during the settling of carbon-
juice I. M Litvak, L P Reva Sakh prom. 35
17-21 Ag '61.
trace elements in carbohydrate translocation in
ant organism M G Abutalybov, D M Aliev
N Azerb SSR Ser biol i med nauk no 5,31-40

ons in the sugar content of year-old grapevine
E. A Makarevskaia, E G Mikeladze Soob
uzSSR 26 no 4 427-432 Ap '61.

ION SYSTEMS
lso subdivision under Moldavia)
friendship L. Kaplan. Sov. profsoiuzy no. 17:
S '61.

LOG--COMMUNIST PARTY OF THE SOVIET

the will of the members of the district party
ttee. V. Fedotov and others. Part. zhizn' no. 18
S '61.

LAMIDES
itive potentiometric determination of sulfanil-
preparations in drugs Report No. 2 S. Kh
oti. Azerb. khim zhur no. 4:95-101 '60

S
balance of the formation of SO_4^{--} and HSO_4^-
n aqueous solutions at various temperatures,
lis. Zhur. prikl. khim. 34 no. 8 1744-1747 Ag

of zirconyl chloride with sulfuric acid and am-
n, sodium, iron, and aluminum sulfates A. K
sian, I V. Tananaev Zhur neorg khim 6
608-1612 Ag '61.

rolidonyl) ethylvinyl sulfide M. F Shostakov-
d others Izv AN SSSR. Otd khim nauk no 8
526 Ag '61

tric potentiometric determination of sulfide
G D. Gal'pern, G. P. Girina, V. G. Luk'ianitsa,
anal org. soed nefti, ikh smes, i proizv no 1
'60

--METALLURGY
he speed of volatilization of germanium sulfides
ium G N. Sosnovskii, M. A. A. Izv. AN Kazakh
. met , obog i ogneup no 2;3-9 '61.
namic analysis of the interaction of heavy non-
metal sulfides with sulfuric acid, L. S. Getskin,
iuk, V.D Ponomarev. Izv. vys. ucheb. zav.,
t. 4 no. 4,53-56 '61.

S
aromatic sulfonic acids. Part 2. Mixed aryl-
es and their hydrolysis. N. N. Dykhanov
. khim. 31 no. 8 2748-2751 Ag '61.

SULFONEPHTHALEIN
Determination of liver clearance with bromsulphalein
I Mincu, N. Gurban Klin. med. no 7:52-53 '61.

SULFONES
Sulfones and sulfoxides. Part 3. Comparative reactivity of α,β-unsaturated sulfoxides and sulfones to nucleophilic reagents M F Shostakovskii and others. Zhur ob khim 31 no 8 2496-2503 Ag '61

SULFONYL FLUORIDE
Fluorine-containing β-sultones Report No. 10 Refraction values of a sulfonyl fluoride group G A Sokol'skii, I L. Knuniants Izv AN SSSR Otd khim nauk no 8 1468-1471 Ag '61

SULFOXIDES
Separation of sulfides in a form of sulfoxides from concentrates of sulfur compounds and aromatic hydrocarbons in intermediate petroleum fractions (preliminary methods) E N. Karaulova, G. D. Gal'pern Metod. anal. org soed nefti, ikh smes. i proizv no 1 101-106 '60
Sulfones and sulfoxides Part 3 Comparative reactivity of α,β-unsaturated sulfoxides and sulfones to nucleophilic reagents M F. Shostakovskii and others Zhur ob khim 31 no 8 2496-2503 Ag '61

SULFUR
(see also subdivision under Azerbaijan)
Distribution of sulfur in the Cimmerian ore-bearing deposits of the Azov Basin A U Litvinenko, A. D. Dodatko. Dokl. AN SSSR 139 no. 6 1452-1455 Ag '61.
Synthesis of thiophene from butane and sulfur [in Azerbaijani with summary in English] I. D. Sadykhov Azerb. khim zhur. no 2 53-60 '60
Thermal method for a fine purification of sulfur. G G. Deviatykh, A. I Odnosevtsev, V. A Umilin Zhur. prikl. khim. 34 no 8 1696-1699 Ag '61.

SULFUR--ANALYSIS
Iodatometric potentiometric determination of sulfide sulfur. G D Gal'pern, G P. Girina, V. G Luk'ianitsa Metod anal org soed. nefti, ikh smes i proizv no. 1 58-73 '60
Micro- and semi-microdetermination of chlorine, bromine, and iodine and simultaneous determination of sulfur and halogen (chlorine or bormine) from the same batch, in organic compounds and their mixtures I K Chudakova, G D. Gal'pern, N P. Volynskii Metod anal. org soed. nefti, ikh smes. i proizv no 1 107-131 '60
Micro- and semi-microdetermination of sulfur in organic compounds, crude oils, and petroleum products. I K. Chudakova, G D. Gal'pern, N. P Volynskii. Metod anal. org sued nefti, ikh smes i proizv no 1 21-57 '60

SULFUR DIOXIDE
Separate determination of sulfur dioxide and nitrogen oxides in the manufacture of sulfuric acid by the chamber process N IA. Ugniachev, T. V. Oleinik Khim prom no 8 577-580 Ag '61.

SULFUR ORGANIC COMPOUNDS
Electrocrystallization of some metals in the presence of the additions of sulfur-containing surface active agents Part 1. Effect of the electrolysis conditions on the amount of impurities in zinc deposits, and the mechanism of their incorporation [with summary in English]. A. A. Sutiagina, K. M. Gorbunova. Zhur fiz. khim. 35 no. 8:1768-1773 Ag '61
Group analysis of sulfur compounds in diesel fuels by potentiometric titration I A. Rubinshtein, Z A Klemenova, E P Sobolev. Metod anal org. soed nefti, ikh smes, i proizv no. 1 74-100 '60.
Micro- and semi-microdetermination of sulfur in organic compounds, crude oils, and petroleum products I K Chudakova, G. D. Gal'pern, N P. Volynskii Metod anal org soed nefti, ikh smes i proizv no 1 21-57 '60
Obolentsev, R. D., and A. V. Mashkina. [Hydrogenolysis of organosulfur compounds in oil] Gidrogenoliz seraorganicheskikh soedinenii nefti. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 143 p.
Study of sulfur compounds of petroleum in the Soviet Union V G. Luk'ianitsa, E. N Karaulova, G. D Gal'pern Metod anal org. soed. nefti, ikh smes. i proizv. no. 1 6-20 '60.
Sulfur organic compounds of petroleums from the southern part of Central Asia Report No 1. Sulfur organic compounds of petroleums from the Kzyl-Tumshuk and Khaudag deposits I. U. Numanov and others. Izv Otd geol -khim i tekh nauk AN Tadzh. SSR no 1 69-76 '59.

SULFUR TRIOXIDE
Fluoromethyl esters of sulfuric acid. Part 5: Reaction of fluoromethyl ethers with sulfuric anhydride G. A. Sokol'skii, M. A. Dmitriev. Zhur. ob. khim 31 no. 8: 2743-2748 Ag '61
Solubility isotherm of the system gallium oxide - sulfuric anhydride - water at 20° S. P. IAtsenko, Zhur neorg. khim, 6 no 8 1922-1925 Ag '61

SULFURIC ACID
New method of calculating unit operations in the manufacture of sulfuric acid by the contact process M. F. Nagiev, V. D Kandalova, Kh. I Sadykhova Azerb. khim. zhur. no. 1:71-76 '61
Organizing automatic control of the manufacture of sulfuric acid by the contact process. S V Kuznetsov Khim prom no 8 549-553 Ag '61.
Separate determination of sulfur dioxide and nitrogen oxides in the manufacture of sulfuric acid by the chamber process N. IA. Ugniachev, T V Oleinik Khim prom no 8 577-580 Ag '61

SULTAN UIZDAG--GEOLOGY, STRATIGRAPHIC
Stratigraphy of Cretaceous sediments in the Sultan Uizdag. E G Vinokurova, E. A Zhukova. Trudy Uz. geol upr no 1:47-51 '60

SUMER--HISTORY
"Social and state system of ancient Mesopotamia: Sumer" by I. M Diiakonov Reviewed by V V. Struve, M. L Gel'tsev Nar Azii i Afr no 2,168-170 '61

SUMERIAN SYLLABARIES see Cuneiform writing

SUMGAIT--CITY PLANNING
In the Architects' Union of Azerbaijan G Alekserov. Arkhit SSSR no 6 3 of cover '61

SUMY REGION--FOG
Fogs in the region of the Sumy Air Weather Station of the Civil Air Fleet V. F Kniaz'kov. Trudy UkrNIGMI no. 25 31-35 '61.

SUN YAT-SEN, 1866-1925
"Sociopolitical and philosophical views of Sun Yat-sen" by N. G. Senin. Reviewed by V A. Krivtsov. Vop. filos. no. 8 176-179 '57.

SUN
Extralong-range forecasting of the level of the Caspian Sea taking into consideration the solar factor. V A. Rutkovskaia. Trudy Inst. okean. 37:65-72 '60.

SUN--ROTATION
Optical device for determining the speed of solar rotation [with summary in English] I A. Aslanov Astron zhur. 38 no 4,768-771 Jl-Ag '61.

SUNFLOWER SEED
Amino acids of protein fractions recovered from the kernels of sunflower seeds. A F. Khokhlenko Izv vys ucheb. zav. ; pishch. tekh. no 3;31-36 '60
Equilibrium moisture content of newly harvested sunflower seeds. M. I Igol'chenko, M. B Sankian. Izv. vys ucheb. zav , pishch tekh. no. 4,22-24 '61

SUNFLOWERS
Division of the U. S. S. R. into agroclimatic regions based on sunflower yields. V A. Smirnova Trudy NIIAK no 10-36-69 '61

SUNSPOTS
Investigating the Wilson effect in sunspots [with summary in English]. V. F Chistiakov. Astron. zhur. 38 no. 4 617-622 Jl-Ag '61.
Methods for the prediction of quarterly Wolf numbers [with summary in English]. IU. I. Vitinskii. Astron. zhur 38 no 4:714-725 Jl-Ag '61

SUPERCHARGERS
Use of analog computers in checking the stability of the parallel operation of superchargers IAn Gulovets, P. Shtirskii Energomashinostroenie 7 no 5 17-20 My '61.

SUPERCONDUCTIVITY
Absorption of ultrasonic waves in an anisotropic superconductor [with summary in English] V. L. Pokrovskii Zhur. eksp. i teor. fiz. 40 no. 3:898-908 Mr '61.
Effect of anisotropy on the properties of superconductors. B. T. Geilikman, V. Z. Kresin. Zhur. eksp. i teor. fiz. 40 no. 3:970-972 Mr '61.
Effect of anisotropy on threshold phenomena in superconductors [with summary in English]. V I. Pokrovskii, M S Ryvkin. Zhur. eksp i teor. fiz 40 no. 6:1859-1865 Je '61.
Interaction of conductivity electrons induced by spin waves in a ferromagnetic [with summary in English]. S. V. Vonsovskii, M. S. Sviraskii. Zhur. eksp. i teor fiz. 40 no 6:1676-1681 Je '61.
Studying the destruction of superconductivity in thin tin films [with summary in English] A. M. Kolchin and others. Zhur. eksp. i teor. fiz. 40 no 6:1543-1550 Je '61.

SUPERFLUIDITY
Effect of collective excitations of the superfluid phase in atomic nuclei on the moments of inertia of the nuclei. B. B. Dotsenko. Izv. AN SSSR. Ser. fiz. 25 no. 8 1149-1151 S '61.

SUPERHEATERS
Thermal characteristics of radiation-convectional steam superheaters V. A. Lokshin, L. I. Pavlenko, K. M. Taldykin. Energomashinostroenie 7 no 5 7-9 My '61.

SUPERHEATERS--COOLING
Cooling of wall attached radiational superheaters at the start-up of a boiler. V. A. Lokshin, G. I. Moseev. Elek. sta. 32 no. 6 7-12 Je '61.

SUPERSONIC AERODYNAMICS see Aerodynamics, Supersonic

SUPERSONIC NOZZLES

Application of the entropy method for determining the displacement thickness for adiabatic flow in a supersonic nozzle [with summary in English] A A Gukhman, A. F. Gandel'sman Inzh -fiz zhur 4 no 9 73-75 S '61.

SUPPLY AND DEMAND—CONGRESSES

Conference on determining the population's demand for goods V Anisimov Vest stat no 8 87-89 '61

SURFACE ACTIVE AGENTS

Azolist-A, a synthetic surface active agent based on toluene, pentane-amylene, and higher boiling fractions M A. Ashimov, A Sh Sultanova, A. E Kalushin Azerb khim. zhur. no 5 65-72 '60.

Improved operation of sewage purification plants using surface active substances IA A Karelin Khim i tekh. topl i masel 6 no 8 36-41 Ag '61

Increasing the receptivity of injection wells by using surfactants V. M Baryshev, K A Karapetov, A S Melikbekov Neft khoz. 38 no. 4 21-24 Ap '60

Production of compounded surface active agents E A. Myshkin Khim prom no 8 535-537 Ag '61

Results of testing a new powdered chemical reagent of vegetable origin. A. K. Miskarli, V. IA Zemlianskaia. Azerb neft. khoz. 40 no 1:22-23 Ja '61

SURFACE CHEMISTRY

Electrokinetic properties of monocarboxyl cellulose and some acid esters of cellulose [with summary in English]. V. I IUr'ev, S S. Pozin Koll zhur 23 no 4 499-503 Jl-Ag '61

SURFACE HARDENING

Kotov, O. K. [Surface hardening of machine parts by chemical and thermal methods] Poverkhnostnoe uprochnenie detalei mashin khimiko-termicheskimi metodami. Izd. 2., ispr. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 278 p.

SURFACE TENSION

Dependence of the surface tension of cast iron on its chemical composition K. I Vashchenko, A P. Rudoi Izv. vys ucheb. zav , chern met 4 no 7 26-32 '61

Experimental investigation of the surface tension of molasses waste S. M Konstantinov. Izv vys. ucheb zav. ; pishch tekh no 3:130-131 '60

Measurement of the surface tension on austenite grain boundaries K. Mazanets, E Kamenskaia Fiz. met i metalloved. 12 no. 1 91-96 Jl '61

Studying surface properties and densities of metal sulfide and silicate melts. A. V. Vanlukov, A. N Popkov. Izv. vyz. ucheb. zav.; tsvet. met. 4 no. 4:63-70 '61.

Surface tension of liquid metallic solutions. Part 2. Surface tension of the system nickel-copper [with summary in English]. V. V. Fesenko, V N. Eremenko, N. I. Vasiliu. Zhur. fiz. khim. 35 no. 8 1750-1751 Ag '61.

SURFACES

Flexibility of any part of a flexible convex surface L. A. Shor. Usp. mat nauk 16 no. 3 207-208 My-Je '61.

Multidimensional surfaces bearing a net of conjugate lines. M A Akivis Dokl. AN SSSR 139 no. 6: 1279-1282 Ag '61.

Theory of hypersurfaces in four-dimensional non-Euclidean spaces. R M Geidel'man Dokl. AN SSSR 139 no 5 1040-1043 Ag '61

Translation surfaces of constant curvature IA P. Blank Dokl AN SSSR 139 no. 5 1037-1039 Ag '61

SURFACES (TECHNOLOGY)—TESTING

Surface microgeometry due to the working of parts by means of hardening and sizing methods IU. G. Proskuriakov, V. M. Men'shakov. Vest. mash 41 no. 8: 67-72 Ag '61.

SURFACES, FERMI see Fermi surfaces

SURFACES OF CONSTANT CURVATURE

Theory of the curvature of two-dimensional surfaces in a four-dimensional space A. V Chakmazian Dokl. AN Arm. SSR 32 no. 4:177-181 '61.

SURGERY, PLASTIC

Restored face. A. Ershov. Sov. shakht. 10 no. 8:38 Ag '61.

SURGERY, VETERINARY see Veterinary surgery

SURVEYING—INSTRUMENTS

Monchenko, I. M. [Devices and tools for plane tabling] Menzul'nye pribory i instrumenty. Pod obshchei red. S. V. Eliseeva. Moskva, Izd-vo geodez. lit-ry, 1961. 197 p. (Geodezicheskie instrumenty i pribory)

SURVEYING—TABLES, ETC.

Nikulin, A. S. [Tachymetric tables] Takheometricheskie tablitsy. Izd. 2., Moskva, Izd-vo geodez. lit-ry, 1960. 314 p.

SUSPENDED RAILROADS see Railroads, Suspended

SUSPENSION ROOFS see Roofs, Suspension

SUSPENSIONS (CHEMISTRY)—DENSITY

Some characteristics of the movement of solids in heavy suspensions IU. S. Badeev Obog. rud 5 no 6: 14-19 '60

SUVOROV, ALEKSANDR VASIL'EVICH, 1730-1800

Osipov, K., pseud. Aleksandr Vasil'evich Suvorov. Moskva, Voen. izd-vo, 1950. 380 p. (MH)

SVERDLOVSK—CHILDREN'S CLUBS

Fairy tale. Smena 38 no 10-8 My '61.

SVERDLOVSK—CONSERVATORIES OF MUSIC

Twenty-five years of the Ural Conservatory L. M. Piatykh, I V Gromova Nauch -metod zap Ural gos konser. no. 3 5-23 '59

SVERDLOVSK—FIRES AND FIRE PREVENTION

Activities become livelier. B Tuzov. Pozh. delo 7 no. 8:3 of cover Ag '61

SVERDLOVSK—MACHINERY INDUSTRY

Work, creativity, progress. V. Krotov. Oktiabr' 38 no 9 155-159 S '61

SVERDLOVSK—MONUMENTS

Around us. Ogonek 39 no. 26-25 Je '61.

SVERDLOVSK—MUNICIPAL SERVICES

Don't trust advertising!... G. Aronov. Ogonek 39 no. 39 21 S '61.

SVERDLOVSK—OPERA

Graduates of the Ural Conservatory on the stage of the Sverdlovsk Opera Theater. A. V Protasova Nauch. -metod zap Ural gos. konser no. 3 87-93 '59

SVERDLOVSK—SINGERS

Graduates of the Ural Conservatory on the stage of the Sverdlovsk Opera Theater A. V. Protasova Nauch -metod zap. Ural. gos konser. no. 3 87-93 '59.

SVERDLOVSK—SINGERS, YAKUT

Practice with singers in the Yakut Opera Studio at the Ural Conservatory. Z. V. Shchelokova Nauch -metod zap Ural gos. konser no. 3-94-102 '59

SVERDLOVSK—SYMPHONY ORCHESTRAS

Sverdlovsk Symphony Orchestra. I. Z. Zetel' Nauch -metod zap Ural. gos. konser no 3 79-86 '59.

SVERDLOVSK PROVINCE—COMMUNITY AND SCHOOL

Contribution of the community to kindergartens. K. P. Kuznetsova. Doshk vosp. 34 no 9 18-21 S '61

This is how a public inspection is conducted A A Anufriev. Doshk vosp 34 no. 9 16-18 S '61.

SVERDLOVSK PROVINCE—MARTENS

Conference on martens. V. N. Pavlinin. Zool. zhur. 40 no. 8:1274-1276 Ag '61.

SVERDLOVSK PROVINCE—NATURAL RESOURCES

Our visitors. Sem'ia i shkola 16 no 7:36-37 Jl '61.

SVERDLOVSK PROVINCE—PRINTING MACHINERY AND SUPPLIES

Counter on the "MP" machine I D. Novopashin Poligr proizv. no 8 20 Ag '61.

SVERDLOVSK PROVINCE—ZINCOGRAPHY

Cutting zincographs out of linoleum on the "EGA-2" machine. A. I. Ekimovskikh. Poligr. proizv. no. 8.19 Ag '61.

SVERDLOVSK REGION—GEOLOGY—FIELD WORK

Ural'skoe petrograficheskoe soveshchanie. Ist. [Guidebook for the Sverdlovsk excursion] Putevoditel' Sverdlovskoi ekskursii. Sverdlovsk, 1961, 135 p.

SWAHILI LANGUAGE—DICTIONARIES—RUSSIAN

[Swahili-Russian dictionary. Approximately 18,000 words, with a brief supplementary outline of Swahili grammar] Suakhili-russkii slovar'. Pod red. D. A. Ol'derogge. Okolo 18 000 slov. S prilozheniem kratkogo ocherka grammatiki iazyka suakhili, sost. E. N. Miachinoi. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1961. 560 p.

SWAMPS

(see also subdivision under Darvaza Range)

Garkusha, L. F. [Bog soils, lectures for students of the agricultural faculty] Bolotnye pochvy; lektsii dlia studentov agronomicheskogo fakul'teta. Gorki, Belorusskaia sel'khoz. biblioteka, 1957. 31 p. (DA)

SWEAT see Perspiration

SWEDEN—ADVERTISING

Advertising in Sweden. Vnesh. torg. 41 no. 9-23-24 '61.

SWEDEN—BRIDGES, ARCHED

Arch bridge made of pipes. L. B. Arsen'ev. Mont. i spets. rab. v stroi. 23 no. 8:31-32 Ag '61.

SWEDEN—ORE DRESSING

Granulation of iron concentrates in Sweden. P. G. Chilstedt. Obog. rud. 5 no. 4:46-51 '60.

Iron ore dressing in Sweden P. G Chilstedt. Obog. rud. 5 no 3:49-62 '60

SWEET CLOVER see subdivision under Kazakhstan

SWIMMING

Crawl without raising the hands, or simply "like a dog." A. Van'kov Nauka i zhizn' 28 no 7 103-105 Jl '61

SWINE

Naumov, P. A. [Feeding and raising swine] Kormlenie i vyrashchivanie svinei. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 182 p. (DA)

Swineherd Petr Korostelev IUn nat. no 9:30-31 S '61.

SWINE—FEEDING AND FEEDS

Tissue extracts enriched with cobaltous chloride used in the anemia of young pigs and for the fattening of swine. I I Zabolotnyi. Visnyk sil'hosp nauky 3 no 1 91-92 Ap '60

SWINE BREEDING

Distribution and results of close inbreeding in swine raising [with summary in English] I A. Savich Izv TSKhA no. 2:144-162 '61

SWITCHING THEORY

Vishnevetskii, A. I., and I. S. Sergienko. [Parametron; new switching elements] Parametron, novye pereklu-chaiushchie elementy. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 66 p.

SWITZERLAND—ELECTRIC POWER

Electric power engineering in Switzerland V. A Rodionov. Prom energ. 16 no 9 46-47 S '61

SYL'VAI, IVAN ANTONOVYCH, 1838-1904

The satiric tales of Ivan Syl'vai. P. V. Lyntur. Dop. ta pov. UzhDU, Ser filol no. 2:30-32 '58

SYMBOLIC AND MATHEMATICAL LOGIC see Logic, Symbolic and mathematical

SYMMETRIC FUNCTIONS

Symmetry of solutions in an eigenvalue problem. D. A. Bochvar, I. V Stankevich, A. L Chistiakov. Usp. mat. nauk 16 no. 3 155-158 My-Je '61.

SYMPHONY ORCHESTRAS see subdivision under Sverdlovsk

SYNCHRONOUS MOTORS see Electric motors, Synchronous

SYNCHROTRON

Comparison of ionization and calorimetric measurements of an energy flux of bremsstrahlung from a synchrotron. Part 1. S. P. Kruglov Zhur tekh fiz. 31 no 9 1092-1103 S '61

Investigating variations in the axial and radial dimensions of an electron cluster in synchrotron acceleration [with summary in English] F A. Korolev, A G Ershov, O F Kulikov. Zhur. eksp. i teor fiz 40 no 6:1644-1652 Je '61

SYNTHETIC RUBBER see Rubber, Synthetic

SYR DARYA VALLEY—RICE

Rice in the lower Syr Darya Valley. A. Altynenkov. Vest. sel'khoz. nauki [Kazakh] 4 no. 2 29-32 F '61

SYROECHKOVSKII, BORIS EVGEN'EVICH, 1881-1961

In memory of B. E. Syroechkovskii. Ist. arkh. 7 no. 4: 202 Jl-Ag '61

SYSTEMS (CHEMISTRY)

Band theory of partially ordered systems. A. I. Gubanov. Fiz tver. tela 3 no 7:2154-2158 Jl '61

Equilibrium in the systems Li_2SO_4 - $MgSO_4$ - H_2O, Rb_2SO_4-$MgSO_4$ - H_2O at 35°. V. G. Shevchuk Zhur. neorg. khim. 6 no. 8 1955-1958 Ag '61.

Equilibrium of extraction processes in some F. A. Kuznetsov, A. K Lileeva, N. I. Smirnova prikl. khim. 34 no. 8:1829-1834 Ag '61.

Hall effect in glass-like materials of the system Tl_2Se $As_2(Se, Te)_3$ B T Kolomiets, T. I Fiz tver. tela 2 no 3 395-396 Mr '60

Kinetics of cooperative processes Temperature dependence of the relaxation properties of simple systems (Ising model) IU. IA Gotlib. Fiz. no 7:2170-2182 Jl '61.

Kinetics of the chain reaction of multicomponent Part 3: Two-component systems, integrated rate and composition equations [with summary in English]. V. F. TSepalov Zhur. fiz. khim. 35 1693 Ag '61.

Solubility in the system $Be(NO_3)_2$ - PbFBr - Sh. T Talipov, V. S. Podgornova, G. N. Zinina khim. zhur. no. 4 11-16 '61.

Solubility isotherm of the system NaCl - MgCl H_2O at 25°. F. F. Rza-Zade, P. G. Rustamov khim. zhur. no. 6:119-125 '60.

Study of single crystals of the system MgO - Fe_2O_3 synthesized by Verneuil's method. I stvenskaia. Fiz. tver. tela 3 no. 8:2346-23

S (CHEMISTRY) (Continued)

diffraction study of the system potassium fluoti-
- sodium chloride - titanium dioxide IU M
n V. D. Melikhov, V. D. Ponomarev Izv AN
kh. SSR Ser. met , obog. i ogneup no 2:18-25

S (CHEMISTRY)—DIPOLE MOMENTS

ization and properties of binary mixtures of or-
compounds as a function of concentration.
3 Mixtures of isoperiodic compounds. A. D
kii, I. M Obukhova Zhur. ob khim 31 no 8:
-2702 Ag '61.

ization and properties of binary mixtures of organic
ounds as a function of concentration Part I
pounds with similar dipole moments in molecules.
Lutskii, I. M. Obukhova Zhur. ob khim. 31
2702-2708 Ag '61.

VAN DMITRIEVICH, 1861-1934

D. [A life for books] Zhizn' dlia knigi. Moskva,
zd-vo polit. lit-ry, 1960. 278 p.

NSYLBA REGION—SPRINGS

n spring near the pole of cold. V. F. Shishkina.
oda 50 no. 9 113-114 S '61.

TE see subdivision under Mesabi Range

i

lidation of success in battle" by V. V. Turchenko,
wed by A Bulatov Voen vest 41 no 5 124-126
61

ing the counterattack of the enemy; solution of the
em printed in "Voennyi Vestnik" no. 12, 1960
vest 41 no 5 55-56 My '61

, SIR RABINDRANATH, 1861-1941

itenary of R. Tagore's birth. IU. Teshabaeva
hestv nauki v Uz. no 6 63 '61

erformance in Europe N. Chernova Teatr 22
163-164 S '61

dth anniversary of Rabindranath Tagore's birth.
AN SSSR 31 no. 8:132-133 Ag '61.

100th anniversary of Rabindranath Tagore's birth;
materials on his visit to the Soviet Union. V A.
n, I S Gamalunov Nar. Azii i Afr. no. 2:122-
1

'anath Tagore the painter. S. Tiuliaev. Iskusstvo
.7:49-51 '61.

on the Soviet Union. D. Litton. Iskusstvo 24
)2 '61.

S (METALLURGY)

lso subdivision under China; Magnitogorsk)

grams for the calculation of pulp ducts. T. I. Mel'-
Obog i ud 4 no. 4:23-28 '58.

3 see subdivision under Moscow

ANUSCRIPTS see Manuscripts, Tajik

FAN—COCCIDIOSIS

ian species infesting domestic sheep in Tajikistan
Krylov. Izv. Otd. sel'khoz. i biol. nauk AN Tadzh.
no 1.149-175 '59.

al of coccidian oocysts from sheep in seasonal
es of Tajikistan. M. V. Krylov Izv Otd. sel'-
i biol. nauk AN Tadzh SSR no. 1 101-111 '60

FAN—COLLECTIVE FARMS

st, present, and future. M. Makhmadaliev. Kom-
st 38 no. 14 79-80 S '61

FAN—COMMUNIST PARTY OF THE SOVIET

TAJIKISTAN—MANTIDS

Feeding habits of mantids (Mantoidea) in Tajikistan I I
Lindt Izv Otd. sel'khoz. i biol nauk AN Tadzh SSR
no. 1 87-99 '60

TAJIKISTAN—NATURAL RESOURCES

Power resources and economic characteristics of south-
ern Tajikistan F S Mazitova, M. A Osicheva Izv
Otd. geol -khim. i tekh. nauk AN Tadzh SSR no. 1 25-28
'59.

TAJIKISTAN—NEMATODA

Nematodes from game birds of Tajikistan. L. F Bor-
garenko Izv. Otd sel'khoz i biol nauk AN Tadzh. SSR
no 1 119-133 '60.

TAJIKISTAN—ORE DEPOSITS

Changes in the pores of enclosing rocks in some deposits
of northern Tajikistan IU. A. Rozanov and others
Trudy IGEM no. 41:171-177 '61.

TAJIKISTAN—PETROLEUM GEOLOGY

Structure of the Tajik Depression in connection with its
prospective petroleum-bearing capacity S A Zakharov
Izv. Otd. geol -khim i tekh. nauk AN Tadzh SSR no 1
99-115 '59

TAJIKISTAN—PHYTOGEOGRAPHY

Notes on phytogeographical regions of Tajikistan and
northeastern Afghanistan. O. E. Agakhaniants. Izv.
Otd sel'khoz i biol nauk AN Tadzh. SSR no 1 29-33
'60.

TAJIKISTAN—RAVENS

Wintering of the desert rave (Corvus corax ruficollis
Less) in Tajikistan I A. Abdusalimov Izv Otd
sel'khoz. i biol nauk AN Tadzh SSR no. 1:185 '59

TAJIKISTAN—RED SPIDER

Foci of the common spider mite (Tetranychus telarius L.)
in the cotton field. I I Lindt. Izv Otd. sel'khoz. i biol.
nauk AN Tadzh. SSR no 1 177-183 '59.

TAJIKISTAN—REED (BOTANY)

Critical notes on some reeds of Tajikistan. P N Ovchin-
nikov, A. P. Chukavina. Izv. Otd. sel'khoz. i biol nauk
AN Tadzh. SSR no. 1 55-59 '60

TAJIKISTAN—SHEEP BREEDING

Improving the wool productivity in mutton-fat type sheep
breeds. G A. Aliev. Izv Otd sel'khoz i biol. nauk AN
Tadzh SSR no 1.107-116 '59

TAJIKISTAN—THUNDERSTORMS

Thunderstorms in Tajikistan O. V. Deminev Sbor rab
po sinop no 5:13-31 '60

TAJIKISTAN—TILLAGE

Subsurface tillage in the agriculture of Tajikistan IU. I.
Sinel'nikov. Izv. Otd sel'khoz i biol nauk AN Tadzh
SSR no. 1:43-57 '59.

TALDY-KURGAN DISTRICT—DEPARTMENT STORES

Four friends. Koop. Kazakh. 4 no. 5/6.14-15 My-Je
'61.

TALDY-KURGAN DISTRICT—RETAIL TRADE

Indictment in pictures Koop Kazakh 4 no. 5/6 27-28
My-Je '61

TALES, OSSETIC—BIBLIOGRAPHY see Bibliography—
Tales, Ossetic

TALLINN—MUNICIPAL SERVICES

Kind and unkind. N. Khrabrova. Ogonek 39 no. 39-21 S
'61.

TAMBOV [illegible]—BRONZE AGE

mbov Province. T. B. Popova. Sov.
137-151 '61.

—PRECAST CONCRETE CON-

concrete in rural construction in
F. Novikov. Sel'. stroi. 16 no. 7.

—RURAL SCHOOLS

g a network of rural schools with
tion. D. I. Kulmykov. Shkola i
0-34 Je '61.

TICS AND GOVERNMENT

e governmental system in Tanganyika.
rat. soob. inst. nar Azii no. 43:30-45

s. I. Lysenko. Voen. vest. 41 no. 5

to be outstanding. I. Fedosov. Voen.
3 My '61.
ies a river from the march.
. vest. 41 no. 5:75-78 My '61.
r. S. Demlianenko. Voen. vest.
'61.

n under Chishmy

TANKS—DESIGN AND CONSTRUCTION

Method of designing supporting diaphragms of horizontal
vessels E. N. Lesnig. Stroi truboprov 6 no 7 12-13
Jl '61.

TANKS (MILITARY SCIENCE)

Do away with the formalistic guidance of socialist com-
petition. I. Semiokhin. Komm Vooruzh Sil 1 no. 6
31-38 Mr '61.

The first test. V. Muratov. Komm. Vooruzh. Sil 1 no. 6
58-60 Mr '61

Increased activity of party organizations A. Shevchenko
Komm Vooruzh Sil 1 no 2 42-46 O '60

Initiative prompted by life. A. Nedosugov. Komm
Vooruzh. Sil 1 no 4:46-48 F '61

Supply of a tank battalion by a rear unit during an offen-
sive operation A Ilyemchenko, K Tosenko. Tyl i
snab Sov. Voor Sil 21 no 7 38-45 Jl '61.

We try to train tankmen under fire G Kriuk Komm
Vooruzh Sil 1 no 2 51-56 O '60

TANKS (MILITARY SCIENCE)—DICTIONARIES

Gofman, E. A., and others, comps. [German-Russian
dictionary of armored force terms] Nemetsko-russkii
avtobronetankovyi slovar'. Pod red. B. O. Berzina.
Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 437 p.

TANNING

Effect of tanning agents on the structure of gelatin solu-
tions N V Grigor'eva, V. A. Pchelin, P. A. Rebinder.
Dokl. AN SSSR 139 no. 6 1403-1404 Ag '61.

Tanning of semifinished products on a worm conveyer.
M P. Zakharov Kozh.-obuv. prom. 3 no. 6:24-27
Je '61.

TANTALITE—ELECTRIC PROPERTIES

Laboratory separation of tantalite concentrates in the
condenser field with liquid dielectrics G S. Berger,
I N Levin Izv AN SSSR. Otd. tekh. nauk Met. i topl
no 4 115-117 Jl-Ag '61

TANTALUM PHOSPHATE

Phosphoric acid salt of tantalum and its hydrates. A. P.
Shtin. Izv. Sib. otd. AN SSSR no. 7 66-71 '61.

TANTALUM PLATING

Electrolytic method of depositing tantalum on aluminum
foil. V. N. Gurin, A. P Obukhov. Zhur. prikl. khim.
34 no. 8.1891-1892 Ag '61.

TANTALUM-ZIRCONIUM ALLOYS—CORROSION

Oxidation at high temperatures of alloys of titanium and
tantalum with zirconium R. F Voitovich, R. V. Maka-
rova Izv AN SSSR Otd tekh nauk Met i topl no. 4
95-100 Jl-Ag '61

TAPE AND WIRE RECORDERS AND RECORDING see
Magnetic recorders and recording

TAPE RECORDINGS IN EDUCATION

Use of tape recorders for research and instruction.
T. A. Ladyzhenskaia Sov pedag 25 no 8 142-147
Ag '61

TAR

Adsorption chromatography method used in the study of
the composition of heavy pyrolysis tar E. A. Kravtsova
Azerb. khim zhur. no. 6:27-32 '60.

TARGETS (MILITARY SCIENCE)

Factors determining the probability of hitting the target
of an antiaircraft guided missile (as revealed by data
from the foreign press). F. K. Neupokoev. Vest. pro-
tivovozd obor no. 7:25-28 Jl '61.

TARIFF—LAW

New customs tariff of the U. S. S. R. for imports. Vnesh
torg 41 no. 9 insert 12p. S '61

TARKHANKUT, CAPE—GEOLOGY, STRUCTURAL

Present-day tectonic movements on Cape Tarkhankut.
P. D. Pidhorodets'kyi. Geog. zbir. no. 4:181-183 '61.

TARKHANKUT, CAPE—LAKES

Present-day tectonic movements on Cape Tarkhankut.
P. D. Pidhorodets'kyi. Geog zbir. no. 4:181-183 '61.

TARTARIC ACID

Complex compounds of pentavalent neptunium with citric
and tartaric acids A. I. Moskvin, I. N. Marov, IU. A
Zolotov. Zhur. neorg khim. 6 no. 8:1813-1820 Ag
'61.

TAS-KHAYAKHTAKH RANGE—GEOLOGY

Stratigraphy and tectonics of the Tas-Khayakhtakh
Range. N. A. Bogdanov. Izv. AN SSSR, Ser. geol. 26
no. 9:61-76 S '61.

TASHKENT—APARTMENT HOUSES

Tashkent housing construction combine. N. Bukhvostov.
Zhil. stroi no. 8-2-6 Ag '61.

TASHKENT—COMMUNIST EDUCATION

Do away with shortcomings in political education.
F. Malykhin. Part. zhizn' [Uzb.] 3 no. 12:81-84 D
'60.

HKENT—DIESEL LOCOMOTIVES—MAINTENANCE AND REPAIR

Party committee tries to carry out the mandates of Communists. T Mirkhaitov Part zhizn' [Uzb] 3 no. 12 72-74 D '60

HKENT—ELECTRIC CABLES

rom the editors' mail Sots trud 6 no 9:131-132 Ag '61.

HKENT—PRECAST CONCRETE CONSTRUCTION

ashkent housing construction combine. N Bukhvostov, Zhil.-stroi no. 8 2-6 Ag '61

HKESKEN—COOPERATIVE SOCIETIES

ime is not lost Koop Kazakh 4 no. 4:11-12 Ap '61.

MAN, ABEL JANSZOON, 1603-1659

evskii, V.V. [Tasman's discoveries] Otkrytiia Tasmana. Moskva, Gos. izd-vo geogr. lit-ry, 1961. 36 p. (Zamechatel'nye geografy i puteshestvenniki)

AR A.S.S.R.—OIL POLLUTION OF RIVERS, HARBORS, ETC.

urify bodies of water in the oil regions of the Tatar A. S. S. R. A. Kiasnov Neftianik 5 no 8 24 Ag '60

AR DRAMA—TRANSLATIONS INTO RUSSIAN

elbutov, E.M., ed [Plays of classical Tatar playwrights] P'esy tatarskikh dramaturgov-klassikov. [Kazan'] Tatarskoe knizhnoe izd-vo, 1958. 327 p. (Inv)

RA MOUNTAINS—ALPINE FLORA

lant kingdom of the High Tatra E S Hokeš. Priroda 50 no.9 103-104 S '61.

KATION see subdivision under Georgia, Iran

KIDERMY

ow to prepare stuffed animals for the geographical study room. N. G. Morozov Geog. v shkole 24 no 5: 70-72 S-O '61

LOR, MAXWELL DAVENPORT, 1901-

axwell Taylor. Nov. vrem. 19 no. 36:23 S '61.

YLOR'S SERIES (MATHEMATICS) see Series, Taylor's

LISI see Tiflis

HUKTCHI LANGUAGE see Chukchi language

A

kademiia nauk SSSR. Institut biokhimii. [Practical manual on the technology of processing black tea] Prakticheskoe rukovodstvo po novoi tekhnologii proizvodstva chernogo chaia. Moskva, 1961. 101 p.

ACHERS see subdivision under Saratov, Ukraine

ACHERS—SALARIES, PENSIONS, ETC.

n issuing supplements to the instruction for calculating the salaries of teachers and other workers of the primary, seven-year and secondary schools, approved by the Council of Ministers of the U. S. S. R. on June 16, 1948. Biul. Gos. kom. po vop. truda i zar. platy no 6:9 '61.

ACHERS, TRAINING OF

(see also subdivision under Ukraine)

nproving the work of curriculum committees. R. A. Simkin. Sred. spets. obr. 8 no. 6:21-24 Ag '61

et's improve the training of chemistry teachers. S. A. Balezin, V. A. Khitrov. Khim. v shkole 16 no. 4:04-05 Jl-Ag '61.

rlovskii, G.I. [Art education of a drawing teacher] O khudozhestvennom obrazovanii uchitelia risovaniia, iz opyta raboty. Leningrad, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1961. 163 p.

chools should have highly educated teachers. Vest. vys. shkoly 19 no. 8:87-91 Ag '61

ACHERS, TRAINING OF—CONGRESSES

>edagogical institutes reorganize their work I. V Kapelliushnyi Rad shk. 40 no 6 89-90 Je '61.

ACHERS COLLEGES see subdivision under Vinnitsa

ACHING

(see also subdivision under Germany, East; Kiev Province; Yakutia)

ombining verbal and visual instruction when using the didactic method of comparison Z. IA. Gornostaeva, Z. S. Shpineva. Shor. trud. Arkh. gos. ped inst no. 3 212-231 '61

"Didactic principles and rules" [in German] by Helmut Klein. Reviewed by Sh. I. Ganelin, E. O. Zeiliger-Rubinshtein. Sov. pedag. 25 no 8:153-157 Ag '61.

mportant means of increasing the efficiency of a lesson. M. Popov. Nar. obr. no. 9:83-85 S '61.

mprovement of teaching methods is an important problem of pedagogical science V. F. Shmorgun. Rad. shk 40 no. 7:29-33 Jl '61.

Let's give more consideration to the quality of students' knowledge. A M. Arsen'ev. Sov. pedag. 25 no. 8: 17-25 Ag '61.

Gorodnikov, I.T., and P.N. Shimbirev. [Pedagogy] Pedagogika. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1946. 395 p.

Pedagogical science and institutions of higher learning I. A Kairov Vest vys shkoly 19 no 8 47-49 Ag '61

Planning and outline of teacher's work G M Kudovhenko Rad shk 40 no 7 21-26 Jl '61

Problem of increasing the efficiency of a lesson I T Ogorodnikov Sov pedag 25 no. 8 43-54 Ag '61.

Training students in independent thinking and creative activity during the teaching process M A Danilov Sov pedag 25 no 8 32-12 Ag '61

When they develop an interest in knowledge V Bondarevskii Nar obr no 9 42-44 S '61.

TECHNICAL ASSISTANCE, RUSSIAN see subdivision under China; Guinea, Turkey

TECHNICAL EDUCATION

(see also subdivision under Erivan; Kharkov, Ukraine)

Chugunova, E.S. [Instilling aspirations for technical creativity in young workers] Vospitanie u molodykh rabochikh stremlenila k tekhnicheskomu tvorchestvu. Moskva, Vses. uchebno-pedagog. izd-vo Profitekhizdat, 1961. 60 p. (Vospitanie kommunisticheskogo otnosheniia k trudu)

Development of science and technology demands a thorough improvement in the training of engineers V S Smirnov Vest vys shkoly 19 no. 8:17-19 Ag '61

Education by correspondence is going to expand N S. Kurbatova. Vest vys shkoly 19 no 8,66-67 Ag '61.

For a worthy welcome to the 22nd Congress of the CPSU. Fiz. v shkole 21 no 3.1-3 My-Je '61.

Influence of production instruction on the technical education of students A G. Shchekoldin. Shkola i proizv. 5 no 8 63-64 Je '61.

Life requires it. S. Kantenik. NTO 3 no. 8:11-14 S '61

Our homeland should have highly qualified engineers. Vest vys shkoly 19 no 8:72-76 Ag '61

Present stage of extracurricular work on technology IU. S. Stoliarov. Fiz. v shkole 21 no 3:33-38 My-Je '61.

Russia (1917- R. S. F. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. [Survey handbook of the institutions of higher learning] Obzornyi spravochnik vysshikh uchebnykh zavedenii. Moskva, 1961. 309 p.

Some problems concerning the future of technical institutions of higher learning Vest. vys shkoly 19 no 8 33-34 Ag '61

TECHNICAL EDUCATION—CONGRESSES

International seminar on technical education. M. A. Zhidelev. Shkola i proizv. 5 no. 6:10-17 Je '61

TECHNICAL EDUCATION—EXHIBITIONS

Statute on the all-Union contest "Contribution of young engineers to their country." Fiz. v shkole 21 no 3: 108-109 My-Je '61.

TECHNICAL SOCIETIES see subdivision under Armenia

TECHNICAL WRITING

Kaplan, G. D. [Editing literature on various branches of industry] Redaktirovanie otraslevoi literatury; iz opyta raboty. Moskva, Gos. izd-vo "Iskusstvo," 1961. 207 p. (Redaktory knigi ob opyte svoei raboty)

TECHNOLOGICAL INNOVATIONS

(see also subdivision under Armenia; Erivan; Kalinin Province; Moscow Province; Perm Province, Ukraine; Yaroslavl Province)

About indisputable and controversial. Izobr i rats. no 9 32 S '61.

Abroad. Nauka i zhizn' 28 no. 8:46-47 Ag '61.

Are we properly counting rubles and kopecks? V. Pandakov. Izobr. i rats. no 9:30 S '61.

At various latitudes. Znan. ta pratsia no. 9:26 S '61.

At various latitudes. Znan. ta pratsia no. 10:17 O '61.

Bonus payment to workers for creating and introducing technological innovations. I. Vakhlamov. Sots. trud 6 no 8.133-138 Ag '61.

Brief news. Izobr. i rats. no. 9:10 S '61

Consultations Izobr. i rats. no. 9:29 S '61.

Discussing the present-day achievements of science and technology in physics lessons. N. M. Zvereva. Fiz. v shkole 21 no. 3:74-75 My-Je '61.

Effect of technological innovations on the increase in labor productivity. E. Vorob'ev. Sots. trud 6 no. 8. 69-72 Ag '61.

Following up our articles. Izobr. i rats. no. 9:15 S '61.

In anticipation of the 22d Congress of the CPSU. Vest. vys. shkoly 19 no. 8:7-12 Ag '61.

In the world of science and technology abroad. Prom. Arm. 4 no. 5:68-70 My '61.

In the world of science and engineering abroad. Prom. Arm. 4 no. 6:69-71 Je '61.

In the world of science and technology abroad. Prom. Arm. 4 no. 8:75-77 Ag '61.

In the world of science and technology in the U. S. S. R. Prom. Arm. 4 no. 8:73-75 Ag '61.

In the world of science and technology in the U. S. S. R. Prom. Arm. 4 no. 5:65-69 My '61.

In the world of science and engineering in the U. S. S. R. Prom. Arm. 4 no. 6:67-69 Je '61.

Information from abroad. NTO 3 no. 9:62-63 S '61.

Innovations. Izobr. i rats. no. 9 12-13 S '61

News from different countries Izobr i rats. no. 9 30 S '61.

News in science and technology. Nauka i zhyttia 10 no 3 61 Mr '60

News of Soviet engineering. NTO 3 no. 9:46-47 S '61

On various latitudes. Znan. ta pratsia no. 8:26 Ag '61.

Ordered by newspaper Izobr. i rats no 9-14-15 S '61.

People's laboratory. K Filatov. Izobr. i rats no. 9 4-6 S '61.

Sister of work. Oleg Pisarzhevskii. Nauka i zhizn' 28 no. 7:2-12 Jl '61

Suggested, created, introduced. Izobr i rats no 9 16-17 S '61.

Tenacious individuals I Fomicheva Izobr i rats. no 9 31 S '61

TECHNOLOGY

(see also subdivision under Ukraine; United States)

Corrections made by time. Nauka i zhizn' 28 no. 7:70 Jl '61.

Economic significance of technological progress in the U. S. S. R. industry. N. A. Sokolov. Trudy LIEI no. 35: 24-40 '61.

A little bit about many things. Znan. sila 36 no. 8:16-17 Ag '61

News around the world. Znan. sila 36 no. 8:36-37 Ag '61.

Technological development and social progress. V. B. Ol'shanskii Vop filos 15 no. 9:117-121 '61

TECHNOLOGY—BIBLIOGRAPHY see Bibliography—Technology

TECHNOLOGY—PERIODICALS see subdivision under Armenia; Czechoslovakia

TECHNOLOGY—TERMINOLOGY

"Fundamentals for developing technical terminology" by D. S. Lotte Reviewed by T. Vvedenskii. NTO 3 no. 9 61 S '61.

TECHNOLOGY AND CIVILIZATION

Akademiia nauk SSSR. Otdelenie ekonomicheskikh filosofskikh i pravovykh nauk. [Social and economic problems of technological progress] Sotsial'no-ekonomicheskie problemy tekhnicheskogo progressa; materialy nauchnoi sessii. Moskva, 1961. 478 p.

Fundamental differences between the social and economic consequences of technological progress under socialism and capitalism. B. I. Davydov, V. P. Shchedronkov Trudy LIEI no. 35:3-23 '61

Technological progress as a material foundation for eliminating the essential differences between metal and physical work. V. A. Vladimirskaia. Trudy LIEI no. 35:41-61 '61.

TECHNOLOGY AND LAW

Correlation between technical regulations and legal rules [with summary in English]. G. I. Shatkov. Vest LGU 16 no 17 140-143 '61.

TEIMURAZ, BAGRATIONI, 1782-1846

Bagrationi Teimuraz and problems in the development of the primitive communal system of Georgian tribes. A. A. Baramidze. Soob. AN Gruz. SSR 26 no. 5 631-638 My '61.

TELECOMMUNICATION

(see also subdivision under Armenia; Moscow)

Transmitting information along electric communication channels. S. S. Ershov. Fiz. v shkole 21 no. 3:17-27 My-Je '61.

TELEGRAPH

Zeliger, N.B. [Course on telegraphy] Kurs telegrafii. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio.

Pt. I. [Principles of tel apparatus] Osn telegrafnye ap

TELEMETERING

Demonstrations on radio t v shkole 21 no. 3:58-60

Errors in the form of dyn systems. A. L. Abrukin. Je '61.

Inogov, V. L., and V. A. Li ing system for the contr Kodoimpul'snaia sistem zatsii magistral'nykh ga 11 p. (International Fed 1st International Congre no. 39)]

Teledynamometering of b IU. I. Krotkov. Azerb. n '61.

Transistorized steady-st relays in a contactless d telemetering systems. zharov. Trudy Inst. elo SSR 2:39-42 '61.

EPHONE—EQUIPMENT AND SUPPLIES
l'nik, M. A. [Sparkproof telephone communications ystems and apparatus in mines] Iskrobezopasnye istemy i apparaty shakhtnoi telefonnoi sviazi. Moskva, lon. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 961. 54 p.

ESCOPE
ronomic tube. Nauka i zhizn' 28 no. 8:103 Ag '61.

ETS—COMMUNITY CENTERS
ub aids collective-farm production] Klub— kolkhoz-mu proizvodstvu, iz opyta raboty Teletskogo sel'skogo ubа Trubchevskogo raiona Brianskoi oblasti i klubа olkhoza imeni Stalina Khorol'skogo raiona Primor-kogo kraia. Moskva, Izd-vo "Sovetskaia Rossiia," ibliotechka sel'skogo klubnogo rabotnika, no. 6) No. 2. 1961. 42 p.

EVISION
ee also subdivision under Azerbaijan)
ience of cine-television techniques. V. A. Burgov. ekh. kino i telev. 5 no. 8 50-57 Ag '61
oissarov, M. A. [Television manual for the viewer] ieznitellu o televizore Pod red. E. T. Kriukova. ior'kii] Gor'kovskoe knizhnoe izd-vo, 1961. 139 p.
tion pictures and television at the British Exhibition Moscow and at the Soviet Exhibition in London Tekh no i telev. 5 no 8,94-96 Ag '61
w principle for television image projection (from Journal of the Television Society" 9, no 4, 1959) Baranovskii, N. Kondratenko Radio no 3 61 Mi
ii
ulinear methods for controlling the scanning rate in nage transmitting systems N M Shpakov Izv vys. cheb zav., radiotekh 3 no 6 571-580 N-D '60.
r consultations. Radio no 3:62-63 Mr '61
ce communication in action. G. Repoport. Znan. ta atsia no. 10 10-11 O '61.

EVISION—BIBLIOGRAPHY see Bibliography—levision

EVISION—EQUIPMENT AND SUPPLIES—TESTING
thods and equipment for improving the precision of levision measurements. M. I. Krivosheev Tekh no i telev. 5 no. 8 1-14 Ag '61.

EVISION—PATENTS
eign television patents. Tekh. kino i telev. 5 no. 8: 9-91 Ag '61

EVISION—RECEIVERS AND RECEPTION
ond the zone of definite reception. Radio no. 3:47 r '61.
ults in the scanning devices of television receivers. . Andreeva. Radio no. 3 51 Mr '61
an has bought a television set. Radio no. 3:12-13 r '61.
K block of the "Luch" television receiver. S. Beskov. Radio no. 3:50 Mr '61.
mp-6" and "Temp-7" television receivers. Radio ., 3:10-11 Mr '61.

EVISION—TECHNOLOGICAL INNOVATIONS see bdivision under Ukraine

EVISION STATIONS see subdivision under Moscow

URIUM—MAGNETIC PROPERTIES
ect of annealing on the anisotropy of the galvanomag-tic properties of tellurium. R. V. Parfen'ev and hers. Fiz. tver. tela 3 no 8:2501-2504 Ag '61.

URIUM—SPECTRA
ctral determination of tellurium in pyrites and chal-opyrites from copper sulfide ores of southeastern eorgia N. D. Gvaramadze Soob AN Gruz SSR 26 5, 555-556 My '61

R-TAU—DESCRIPTION
forward, Temir-Taul M. Nachinkin. Ogonek 39 , 26:6-7 Je '61.

PERATURE—MEASUREMENT
rections for the method for the installation of a thermo-uple in measuring the temperature of the heat carrier pipes with a small diameters. V. N. Deshkin, P. L agidei Energomashinostroenie 7 no 5 13-16 My 1.
asuring the temperature of metals in soaking pits of oaming mills. M. F. Zhuravlev Sbor. rats. predl. iedr. v. proizv. no. 5, 33 '60.

PERATURE—PHYSIOLOGICAL EFFECT
bined effect of total irradiation and variable tempera-e on the body. P. A. Milonov. Voen.-med. zhur. 6:37-39 Je '61.
ct of temperature on the rate of decrease of cholines-rase activity in liver homogenates of the frogs Rana mporaria L. and R. ridibunda Pall A. A. Kusakina ikl. AN SSSR 139 no. 5:1258-1261 Ag '61.
t resistance of spermatozoa in some unionids. V. B. inkin. Dokl AN SSSR 139 no 5:1227-1230 Ag '61.
lex variations of temperature sense in man. L. M. urilova. Fiziol. zhur. 47 no. 8:965-970 Ag '61.
chronization of budding in yeast. A. I. Golub. Sitologiia 3 no. 4:481-484 Jl-Ag '61.

TEMPERATURE REGULATORS
Automatic temperature regulators using a new principle of amplification. V. M. Shalin Nauch. trudy Sev.-zap. nauch.-issl. inst. sel'khoz no. 3 pt. 3:109-125 '59.
Simple temperature regulator with two settings. A. F. Skubenko Izv. vys. ucheb. zav., energ. 4 no. 8:67-69 Ag '61.
Simplified repair of manometric TS-100 temperature signaling devices. B. V. Vlasov, L. I. Shevenko Energetik 9 no. 4:25-27 Ap '61.

TEMPLARS see subdivision under France

TEMPLES, BUDDHIST see subdivision under Kuva

TERBIUM—ISOTOPES
g-Factors for collective and internal movements in Tb^{159} and Yb^{173} nuclei [with summary in English] E. E. Berlovich, M. P. Bonits, M. K. Nikitin Zhur. eksp. i teor. fiz. 40 no. 3:749-751 Mr '61

TERBIUM—SPECTRA
Study of β^+-spectra and conversion electron spectra in Tb^{152} K. IA. Gromov and others. Izv. AN SSSR. Ser. fiz. 25 no. 9:1084-1087 S '61.

TEREN'-UZYAK—RESTAURANTS, LUNCHROOMS, ETC.
To make people satisfied. V. Afanas'ev. Koop. Kazakh. 4 no. 4:15 Ap '61

TERKHOV, PAVEL GRIGOR'EVICH, 1881-1961
In memory of Pavel Grigor'evich Terekhov. Geog. v shkole 24 no. 1:89 Jl-Ag '61

TERMITES—CONGRESSES
All-Union Conference on the Study of Termites A. N. Luppova Izv. AN Turk. SSR Ser. biol. nauk no. 1:80-81 '61.

TERMITES—EXTERMINATION see subdivision under Golodnaya Steppe

TERNOPOL'—BRAIN—SURGERY
Death tetreated. A. Orlamenko. Ogonek 39 no. 36:5 S '61.

TERNOPOL' PROVINCE—POTTERY, PRIMITIVE
New monuments dating to the "burial ground" culture on the territory of Lvov and Ternopol' Provinces V. P. Savich Mat. i dosl. z arkheol. Prikarp. i Vol. no. 2 114-118 '59.

TERRACES (GEOLOGY) see subdivision under Seym Valley

TESTICLE—BLOOD VESSELS
Vascular system of testicles [in Georgian with summary in Russian] N. K. Chichinadze Trudy Inst. eksp. morf. AN Gruz. SSR 8:113-118 '60.

TESTICLE—INNERVATION
Role of the interoceptors of seminal glands in the regulation of their incretory function [in Azerbaijani with summary in Russian] M. S. Gafulov Izv. AN Azerb. SSR Ser. biol. i med. nauk no. 5:133-137 '61

TESTING LABORATORIES
Cooperation of the State Testing Laboratory in introducing new measuring equipment in the national economy. I. I. Kogan. Izm. tekh. no. 9:58-60 S '61.

TESTING LABORATORIES—EQUIPMENT AND SUPPLIES
Device for notching specimens. A. A. Gashko. Sbor. rats. predl. vnedr. v proizv. no. 5:58 '60.

TESTOSTERONE
Role of the interoceptors of seminal glands in the regulation of their incretory function [in Azerbaijani with summary in Russian] M. S. Gafulov Izv. AN Azerb. SSR Ser. biol. i med. nauk no. 5:133-137 '61

TETANUS
Determination of cerebrosides in various segments of the brain in generalized tetanus in rabbits [with summary in English]. M. Sh. Promyslov, G. G. Amarantova. Biul. eksp. biol. i med. 51 no. 4:66-70 Ap '61.
Effect of the system of gamma neurons on the electrical activity of muscle spindles during local tetanus in cats G. A. Ezzina. Fiziol. zhur. 47 no. 8:971-975 Ag '61.

TETANY
Cases of gastric tetany and their treatment. A. K. Poleshchuk. Klin. med. no. 7:130-133 '61.

TETRAPEPTIDE
Properties of amino acids and peptides containing a tertiary nitrogen atom Part 7. Comparison of the absorption spectra of copper complexes of N, N-dibenzyltetrapeptides containing proline and sarcosine. G. I. Lavrenova, N. A. Poddubnaia. Zhur. ob. khim. 31 no. 8 2474-2477 Ag '61.

TEXTBOOKS
Editing the textbooks for secondary schools. V. A. Istrin, A. G. Shtsagal. Sbor. nauch. rab. VNIIPPIT no. 9:133-172 '58
What a textbook for correspondence students should be like? N. V. Bogomolov. Sred. spets. obr. 8 no. 8:41-44 Ag '61.

TEXTILE FABRICS
(see also subdivision under Ivanovo Province)
Selling textile fabrics according to patterns. P. Nikitin. Koop. Kazakh. 4 no. 5/6 71-72 My-Je '61.
Zakharzhevskaia, R. V. [Decorative fabrics for interior decoration] Dekorativnye tkani v kvartire. Leningrad, Khudozhnik RSFSR, 1960. 30 p. (Iskusstvo i byt)

TEXTILE FACTORIES—FIRES AND FIRE PREVENTION
In the Combine of Artificial Fibers V. Ulitskii, A. Baranov. Pozh. delo 7 no. 8 8-9 Ag '61.
New equipment calls for new fire regulations K. Smirnov. Pozh. delo 7 no. 8 11 Ag '61

TEXTILE FACTORIES—LABOR PRODUCTIVITY see subdivision under Orekhovo-Zuyevo

TEXTILE FIBERS, SYNTHETIC see subdivision under Chernigov

TEXTILE FINISHING
New machines, machine units and continuous production lines for textile finishing. S. L. Sibirtsev. Tekst. prom. 21 no. 7 15-18 Jl '61

TEXTILE INDUSTRY see subdivision under Ivanovo Province; Leipzig, Moscow, Orekhovo-Zuyevo

TEXTILE INDUSTRY—ACCOUNTING
Liberman, A. M. [Analysis of the economic operations of textile and light industry enterprises] Analiz khoziaistvennoi deiatel'nosti predpriiatii tekstil'noi legkoi promyshlennosti. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR, 1961. 278 p.

TEXTILE INDUSTRY—BIBLIOGRAPHY see Bibliography—Textile industry

TEXTILE INDUSTRY—DICTIONARIES
Rabinovich, Z. E., comp. [English-russian textile dictionary] Anglo-russkii tekstil'nyi slovar'. Izd. 2., perer. i dop. Pod red. K. K. Lupandina. Moskva, Glav. red. inostr. nauchno-tekhn. slovarei Fizmatgiza, 1961. 640 p.

TEXTILE INDUSTRY—EQUIPMENT AND SUPPLIES see subdivision under White Russia

TEXTILE INDUSTRY—MANAGEMENT see subdivision under Armenia

TEXTILE MACHINERY
Improving the electric stop circuit of drawing and sliver lap machines N. N. Cherkasov, S. F. Klochkov Tekst. prom. 21 no. 7 27-29 Jl '61
The KFT-620-P and KFP-520-P twisting machines. S. V. Sobolev Biul. tekh.-ekon. inform. no. 7 62-64 '61
The MShTS-110 small tenter chain machine N. I. Udalov. Biul. tekh.-ekon. inform. no. 8:59-61 '61
More new machines for the textile industry. Tekst. prom. 21 no. 7 2-4 Jl '61
New machines, machine units and continuous production lines for textile finishing S. L. Sibirtsev Tekst. prom. 21 no. 7:45-48 Jl '61
Reducing yarn breakage in weaving I. P. Volkov. Tekst. prom. 21 no. 7 43-44 Jl '61.
Technological equipment for the textile industry at the Leipzig 1961 Spring Fair M. I. Koshelev. Tekst. prom. 21 no. 7 86-89 Jl '61
Tensioning of a thread with nonuniform thickness by a disk tensioner device E. D. Efremov. Tekst. prom. 21 no. 7 33-36 Jl '61
UShP-300 automatic winding machine. I. N. Maksiutenko Tekst. prom. 21 no. 7 37 Jl '61.
The VP-350-P yarn-twisting machine. S. V. Sobolev. Biul. tekh.-ekon. inform. no. 8 57-59 '61.

TEXTILE MACHINERY—BIBLIOGRAPHY see Bibliography—Textile machinery

THAELMAN, ERNST, 1886-1944
The glorious son of German workers. Komm. Vooruzh. Sil 1 no. 7:82-83 Ap '61.
Meeting dedicated to Ernst Thaelmann. V. P. Ierusalimskii. Vest. AN SSSR 31 no. 3:111-112 Ag '61.

THAILAND—FOREIGN ECONOMIC RELATIONS—EUROPE
How European countries competed for the Siamese market in the 17th century E. O. Berzin Krat. soob. Inst. nar. Azii 43 3-17 '60

THAILAND—LAND TENURE
The agrarian question in Thailand [with summary in English, pp 242-243]. V. V. Pavlovskii. Nar. Azii i Afr. no 2:42-52 '61

THALLIUM—ISOTOPES
Pairing forces and pair correlations in Tl^{206} and Bi^{210} nuclei [with summary in English]. L. A. Sliv, G. A. Sogomonova, IU. I. Kharitonov. Zhur. eksp. i teor. fiz. 40 no. 3:946-953 Mr '61.

THALLIUM-INDIUM ALLOYS see Indium-thallium alloys

vision under Altai Territory, Bashkiria; Kustanay, Leningrad; Moscow; Nizhniy Voronezh, White Russia)
i Osis. Teatr 22 no 9 6 S '61.
] U istokov; sbornik statei. Moskva, teatral'noe ob-vo, 1960. 475 p.
e theater; letters, feuilletons, con- i Chekhov the playwright] Chekhov i fel'etony, sovremenniki o Chekhove- Moskva, Gos. izd-vo "Iskusstvo," 1961.

'k sandr Shtein Teatr 22 no 9 7-8 S

ni xist-Leninist aesthetics" by A Zis' . Kurganov, M Rogachevskii Teatr 41 S '61
ius and other cities. Teatr 22 no 9 1
Fifty years and 500 performances] 50 l Vseros. teatral'noe ob-vo, 1960. 552 p.
patriotic task. Firs Shishigin Teatr 1 '61.
the 22d Congress of the CPSU E. Evge- v. Teatr 22 no 9 116-148 S '61.
and they don't write . . N. Kalupina 9 152-153 S '61

I-AIR see subdivision under Rostov-on-

subdivision under Tula

ES AND FIRE PREVENTION see sub- Kaunas

ND EFFECTS
theatrical performances (continuation) Sots kul't. no. 8 33 Ag '61

GE SETTING AND SCENERY
vision under Azerbaijan)
stage. E. Moznaim. Nauka i zhizn' 28 1

cony

ORS see Errors, Theory of

UCTURES see Structures, Theory of

PHYSIOLOGICAL
nent of hepatocholecystitis with mineral vye Senzhary. Z. G Malysheva. Voen - G:79 Je '61
wly healing ulcers with mineral water r Health Resort A N. Posypin. Voen. - G:79 Je '61

YSIS
of iron in the form of hydroxides by ther- I A. Gulevitskaia. Obog. rud 5 no. 2,

is for the determination of iron carbon- vitskaia. Obog. rud 4 no. 3, 30-32 '59.
teristics of Nikolayevka deposit ores. ia, M. A. Abdeev, N. S. Butenko Trudy Kazakh SSR 11, 82-92 '61
analysis of the interaction of heavy non- sulfides with sulfuric acid. L. S. Getskin, . D. Ponomarev. Izv. vys. ucheb. zav., no. 4:53-56 '61.

ISIVITY
ls of complex shape under regular ons. G. N Tret'iachenko, L V Krav- . zhur 4 no. 8:132-137 Ag '61
ity and electric resistance of α-titanium m alloys T--3, T--4, BT--5, T--6, T--8 n. Dokl AN Arm SSR 32 no 4:213-217

SES
emperature field and stresses in a con- ith the aid of an electric model [with glish]. E. A. Iodko. Inzh. -fiz. zhur. 4 r '61.
ermal stresses in cylinders with a finite Livshits. Energomashinostroenie 7 no. 5,
sis of alternate ways for the prevention ormations. A. I. Faerman, A. N. Rozanov. no. 9:17-20 S '61.
l stresses on the stability of a sandwich . P. Karnozhitskii. Izv. vys. ucheb zav.; . 3:69-77 '61.
vestigation of high temperature strength parts. I. M Nartov. Trudy TSNIIMF 2 '61.
cing welding deformations. A. I. Akulov, [Trudy] MVTU no. 101:175-185 '61.
i. Zal'f's article "Thermal stresses in a finite length" E. IA. Gertsberg. istroenie 7 no. 5:23 My '61.
ations of circular grinding machines and ompensation of conicity. S. G. Fateev. izm. v mashinostr ; mezhvuz. sbor. no 3-

THERMIONIC EMISSION
Application of thermionic emission for direct conversion of heat into electric energy N D Morgulis, A G Naumovets Fiz tver tela 2 no 3 537-542 Mr '60
Consideration of the polaron effect in the theory of multi-phonon thermal ionization IU L Perlin Fiz tver. tela 2 no 2 242-251 F '60
Energy methods for analyzing pulse-emitted thermo-electrons. V. N. Lutskii. Radiotekh. i elektron. 6 no. 9 1566-1573 S '61.
Nonstationary thermionic emission from nickel and tungsten in a vacuum. E I. Agishev, IU. I. Beliakov Zhur tekh fiz 30 no 2 223-225 F '60

THERMISTORS
Determining the thermal time constant of a thermistor [with summary in English] A G Shashkov Inzh -fiz zhur 4 no 8, 87-92 Ag '61
Investigating semiconductor thermal resistors based on $Cu_2O - Mn_3O_4$. E. V. Kovalenko, V. A. Liutsedarskii, T. A. Ryabkina. Zhur. prikl. khim. 34 no. 8 1680-1683 Ag '61.
Semigraphical calculation of the dynamic parameters of a thermistor [with summary in English]. A V Bulyga Inzh. fiz zhur. 4 no. 7-64-72 Jl '61.
Some characteristics of the operation of thermistors in a vacuum [with summary in English] A V Bulyga Inzh -fiz zhur 4 no 3 46-52 Mr '61

THERMOCHEMISTRY
Application of the theory of the steady-state thermal conditions of exothermic reactions to the solution of practical problems M. F. Nagiev, P. V. Karamzin, A. M. Guseinova. Azerb. khim. zhur. no 4 69-74 '60
Energy of formation of a free benzoate radical [with summary in English]. Kh S. Bagdasar'ian. Zhur. fiz. khim. 35 no 8:1774-1776 Ag '61.
Latest in the methods of studying the physicochemical properties of substances P. G Maslov. Khim prom no 8 539-544 Ag '61

THERMOCOUPLES
Coupling of the cap of a thermocouple case with a protective pipe F. F Zaitsev. Shor. rats. predl vnedr. v proizv. no. 5 56-57 '60.
Inertness parameters for resistance thermometers and thermocouples. N. A. IAryshev. Izm. tekh. no. 9, 25-27 S '61.

THERMODYNAMICS
Critical thermal loads in the boiling of supercooled water under nonstationary heat conditions [with summary in English]. D. A. Labuntsov. Inzh. -fiz. zhur 4 no. 9 83-85 S '61.
Elements of the thermodynamic calculation of the zone-melting process [with summary in English] B A Volchok, V IA Frenkel'. Inzh -fiz. zhur 4 no. 8 43-48 Ag '61.
Energy balance of the formation of SO_4 and HSO_4 ions in aqueous solutions at various temperatures. I. E. Flis. Zhur. prikl. khim. 34 no. 8 1744-1747 Ag '61.
Error arising in nonstationary methods for determining the thermal coefficients of hygroscopic solids [with summary in English] L. A Brovkin Inzh -fiz zhur 4 no 3 127-130 Mr '61
Flow of a highly heat-conducting gas near the critical point of a blunt body. A. M. Klimov. PMTF no 1 138-141 My-Je '60
Novikov, I. I., and K. D. Voskresenskii. [Applied thermodynamics and heat transfer.] Prikladnaia termodinamika i teploperedacha. Pod red. I. I. Novikova. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhniki, 1961, 546 p. (Osnovy iadernoi energetiki)
Solution of some problems of thermodynamics by the method of difference [with summary in English] G F. Muchnik Inzh -fiz zhur. 4 no. 3 72-81 Mr '61.
Solution of the inverse Stefan problem in the case of spherical symmetry. G. A. Martynov. Zhur tekh fiz. 30 no 2 239-241 F '60.
Temperature effect on the state of absorbed capillary moisture in macroscopic pores of a disperse body [with summary in English]. M. F Kazanskii Inzh. -fiz. zhur. 4 no 3 53-57 Mr '61.
Temperature field of a cylindrical source in a half-limited block [with summary in English]. L. M. Al'tshuler. Inzh. -fiz. zhur. 4 no. 3, 64-71 Mr '61.
Theory of the critical region. V. V. Sychev. Inzh. -fiz zhur. 4 no. 9, 127-131 S '61.

THERMOELECTRIC APPARATUS AND APPLIANCES
Effect of a magnetic field on the operation of a plasma thermoelement G. E. Pikus. Zhur. tekh fiz. 31 no 8 1013-1016 Ag '61.

THERMOELECTRICITY
Dependence of the volume Peltier effect on the resistivity gradients. P. I. Baranskii, P. M. Kurilo. Fiz. tver. tela 2 no. 3:458-462 Mr '60.
Inversion of the thermo-emf. in the region of welded joints in metals. L. N. Erastov. Fiz. tver. tela 2 no. 2 275-276 F '60.
Methods for determining the thermophysical characteristics of materials at room and medium temperatures. A. G. Shashkov and others. Inzh. -fiz. zhur. 4 no 9 111-119 S '61.
Volume gradients in the Thomson effect. P. I Baranskii Fiz tver tela 2 no 3 445-457 Mr '60
Vortical thermoelectric currents in an anisotropic medium A G Samoilovich, I I Korenblit Fiz tver tela 3 no 7, 2054-2059 Jl '61

THERMOMETERS
Electric resistance thermometer for demonstration purposes V A Burov. Fiz. v shkole 21 no 2 84-86 Mr-Ap '61
Inertness parameters for resistance thermometers and thermocouples. N. A. IAryshev. Izm. tekh. no. 9:25-27 S '61.

THERMOMETRY
Using thermistors for the correction of differential circuits for measuring temperature differences. M. A. Kaganov, IU. L. Rozenshtok. Izm. tekh. no. 9:22-25 S '61.

THIAMINE
Changes in the lability of stimulated tissues due to the effect of vitamin B_1 N. V. Biedrykh, G V Glushkova, A. S Spasskaia Trudy Kirov otd Vses fiziol ob-va 1 no 1-42-51 '60.

THIAZINE
Liquid crystals of thiazine dyes. N. M. Melankholin. Kristallografiia 6 no. 4 568-575 Jl-Ag '61.
New data on absorption spectra of thiazine dyes. N. M. Melankholin Opt i spektr 11 no 2 285-289 Ag '61.

THIAZOLECARBOXYLIC ACID
Compounds with a potential antituberculotic activity. Part 2. N-substituted thio amides of thiazolecarboxylic acids I. V. Lebedeva, T. P. Sycheva, M. N. Shchukina. Zhur. ob khim. 31 no. 8, 2618-2623 Ag '61.

THICKNESS MEASUREMENT
Using the ITU-405 radioactive meter for continuous measurement of the thickness of aluminum foil. O. Sisanian. Prom. Arm. 4 no 6:30-32 Je '61

THIOPHENE
Alkylation of thiophene with octylenes and decenes in the presence of sulfuric acid [in Azerbaijani with summary in Russian]. I. D. Sadykhov. Azerb. khim zhur no. 6: 51-57 '60.
Alkylation of thiophene with unsaturated hydrocarbons [in Azerbaijani with summary in Russian]. I. Dzh Sadykhov. Azerb khim zhur no 3:89-97 '60
Free electron model applied to the thiophene molecule. T. N. Rekasheva. Opt. i spektr. 11 no 2:284-286 Ag '61.
Synthesis of thiophene from butane and sulfur [in Azerbaijani with summary in English]. I. D. Sadykhov. Azerb. khim. zhur. no. 2 53-60 '60.

THIOPHENESULFONIC ACID
Preparation of alkylthiophenesulfonic salt [in Azerbaijani with summary in Russian]. I. Dzh. Sadykhov Azerb. khim. zhur. no. 4:21-25 '60.

THOMSON EFFECT
Volume gradients in the Thomson effect. P. I. Baranskii. Fiz. tver. tela 2 no 3 445-457 Mr '60

THORACIC DUCT
Measurement and recording of lateral pressure in the thoracic duct. I. A. Potapov. Fiziol. zhur. 47 no. 8: 1074-1077 Ag '61.

THORIUM CHLORIDES
Determination of the first ionization potentials of atoms by the surface ionization method [with summary in English]. N. I. Ionov, M. A. Mitsev. Zhur. eksp i teor. fiz. 40 no. 3:741-742 Mr '61.

THOUGHT AND THINKING
Dynamics and functions of internal language (hidden articulation) in the process of thinking. A. N. Sokolov Izv APN no. 113:140-182 '60.
Effect of practical work on the dev thinking in fifth-and sixth-grade Semenov. Dokl. APN no
From the authors. Izv. AP
Gorskii, D. P. [Problems tion of ideas] Voprosy abs poniatii. Moskva, Izd-vo 350 p.
Internal language research speech inhibitions. N. I. 114-148 '60.

THREE BODIES, PROBLEM bodies

THREE-DIMENSIONAL MO pictures, Three-dimensi

THRIPS see subdivision und

THROMBOPLASTIN
Changes in the thromboplas radiation sickness. N. I. no. 3:350-353 '61.
Problem of thromboplastic summary in English]. V Biul. eksp. biol. i med 5

MBOSIS

e of thrombosis and embolism in the development of farcts (statistical data based on autopsy material of e Sechenov First Moscow Medical Institute)[with summary in English] N A Bykova, T. F Zhebro, V V rov. Arkh. pat 21 no 9 29-35 '59.

omboembolic syndrome in cancer of the stomach. A Malkhas'ian Klin med. no 7 129-130 '61

omboembolism and nephrolithiasis in extensive burns V. Zubarev Voen -med zhur no 5 83 My '61

SHES see subdivision under Chernogora Range

IUM—ISOTOPES

'ersion electrons from Ta^{165}. Gan Men-khua ng Meng-hua] and others Izv. AN SSSR Ser. fiz. 25 9 1092-1095 S '61.

DERSTORMS

e also subdivision under Leningrad region, Omsk ovince, Shosseynaya region, Tajikistan)

or's mail Nauka i zhyttia 11 no 7-61 Jl '61

ublishing the distinctive characteristics of showers d thunderstorms in radar observations N F Kotov udy GGO no 120 27-36 '61

lurnal thunderstorms on air routes of the Soviet ion M. I Gorodova Trudy TSIP no 81 113-126

e differences in the characteristics of thunderstorms d showers K. F Kramich, V A Solov'ev Trudy HO no. 120 52-59 '61

ie results of radar observations on the nature of otion of the seats of origin of showers and thunderorms. N F Kotov, Khe Zhui-tsziun' [Ho Jui-chün] udy GGO no 120 45-51 '61

iperature of lightning and the strength of thunder. uka i zhizn' 28 no. 7-21 Jl '61

ATRONS

oration of the electric strength of thyratrons. V. I. ozdov, A F. Smirnov. Zhur tekh fiz 31 no 8-975-Ag '61

OID GLAND

neration of islet tissue under various nutritional nditions and in hypo- and hyperthyroidism [with mmary in English] L N Kuleshova Bull eksp l i med 51 no 5 94-98 My '61

OID GLAND—DISEASES

e of acute thyroiditis in an infant. V. M. Udod. obl. endok i gorm. 7 no 1-106 '61

phological changes in the liver in thyrotoxicosis [with mmary in English] Li Guan-bi [Li Kuang-pi] Arkh. . 21 no 9, 21-29 '59.

ebrile temperature in thyrotoxicosis P. I Iskov. obl. endok i gorm. 7 no. 4-73-77 '61

roid gland function in patients with thyrotoxicosis lowing treatment with radioactive iodine (as realed by radioactive tracers) L. I Popova Probl. dok. i gorm. 7 no. 4 69-73 '61.

OID GLAND—SURGERY

ics of mortality following strumectomy. G. IA. set, A.G Pivovarova. Probl. endok. i gorm. 7 4, 62-69 '61.

mics of the composition of blood serum proteins in rotoxicosis treated by surgery. G N. Saralidze b AN Gruz SSR 26 no 5 623-630 My '61

ical treatment in thyrotoxicoses with the use of rovegetative block. L. Z. Drobkov. Probl. endok. i m. 7 no. 4 77-82 '61.

OID HORMONES

ent stage of the problem of the nature, biosynthesis, l metabolism of thyroid hormones. D. S. Tendler obl. endok. i gorm. 7 no. 4 113-118 '61.

nones of the posterior lobe of the hypophysis and roid gland, IU. B. Skebel'skaia. Probl. endok. i m. 7 no. 4, 32-35 '61.

—FRACTURE

results of treatment in fractures of the tibial cone. N. N. Vasilevskii. Ortop., travm. i protez. no. 7 27 '61.

ription of the female Ixodes occultus Pom., 1946 3, Kerbabaev Izv AN Turk SSR. Ser. biol. nauk 1 73-74 '61

mics of nutrient reserves and determination of age ungry ixodid ticks [with summary in English]. IU S, ashov. Zool. zhur. 40 no. 9:1354-1363 S '61

AS CARRIERS OF DISEASE

hylaxis of hemosporidiosis in cattle kept under conons of the stall and field shelter system. V. I. Ershkevich Izv. Otd. sel'khoz. i biol. nauk AN Tadzh. no. 1 131-148 '59

also subdivision under Baffin Bay; Davis Strait)

lation of deep tidal currents. T. P. Pervunina. ly GOIN no. 63: 25-28 '61.

Deflecting force of the earth's rotation and its introduction into tidal calculations. V M Al'tshuler. Trudy GOIN no 63 3-7 '61

Effect of tidal streams on climatic and hydrological conditions in the sea N IA Arsen'eva. Trudy GOIN no. 64 93-102 '61.

Formation of shallow-water tidal waves V P. Alekandrov. Trudy GOIN no. 64 103-111 '61.

Graphic-cartographic method for the calculation and numerical prediction of tides. V M Al'tshuler. Trudy GOIN no. 63 8-21 '61.

Molodenskii, M. S., and M. V. Kramer. [Terrestrial tides and the nutation of the earth's axis] Zemnye prilivy i nutatsiia Zemli. Moskva, Izd-vo Akad. nauk SSSR, 1961. 39 p.

TIDES—TABLES see subdivision under White Sea

TIEN SHAN—LANDFORMS

Valley-arid steppe-type of landform in the Tien Shan V M. Chupakhin Trudy Otd geog AN Kazakh SSR no 8 240-247 '61

TIEN SHAN—PHYSICAL GEOGRAPHY

Scheme of high-altitude zonal structures and their types in the Tien Shan V M Chupakhin Trudy Otd geog AN Kazakh SSR no 8 214-234 '61

TIFLIS—APARTMENT HOUSES

Experimental apartment houses made of prefabricated room-units in Georgia G Chakhava Zhil.stroi no 8 9-12 Ag '61

TIFLIS—ARCHITECTURE

Dzhanberidze, Nodar, Meri Karbelashvili, and Simon Kinigurashvili. [Architecture of Tiflis; a guide] Arkhitektura Tbilisi, putevoditel'. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo," 1961. 102 p.

TIFLIS—ARCHIVES

Georgia (Transcaucasia). TSentral'nyi gosudarstvennyi istoricheskii arkhiv. [A guide to the State Central Historical Archives] Putevoditel'. Pod red. A. Iovidze. Tbilisi, Izd-vo Arkhivnogo upr MVD GSSR, 1947. 298 p. (Gosudarstvennye arkhivy Gruzii. Nauchno-spravochnye posobiia)
(MH)

TIFLIS—BALLET

Demon remains unsubdued... Irakli Andronnikov Ogonek 39 no. 21 18-19 Je '61

TIFLIS—DIRECTORIES

Abaishvili, G. A. [Tiflis; booklet. Tbilisi; pamiatka. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo," 1961] 42 p. [In Georgian and Russian.]

TIFLIS—LANDSCAPE ARCHITECTURE

Bezhanishvili, G. D. [Tiflis' green attire] Zelenyi narind Tbilisi. Tbilisi, "Sabchota Sakartvelo," 1961. 98 p.

TIFLIS—MATHEMATICS—CONGRESSES

All-Union Conference on the Application of Methods of the Theory of Functions to Problems of Mathematical Physics, held at Tbilisi. N P. Vekua, A. R. TSitskishvili. Usp mat. nauk 16 no 4 243-247 Jl-Ag '61

TIFLIS—MONUMENTS

Around us. Ogonek 39 no. 32-26-27 Ag '61.

TIFLIS—RESTAURANTS, LUNCHROOMS, ETC.

In the capital of Georgia. A. Dlugach. Obshchestv. pit. no 6:42-43 Je '61

TIFLIS—SOIL TEMPERATURE

Soil temperature conditions in Tiflis. Sh G Gavasheli Sbor rab Tbil gidromet. obser. no 1 3-36 '60.

TIGROVAYA BALKA PRESERVE—CESTODA

Skrjabinoporus gen. nov. (Cestoda Cyclophyllidea). A. A. Spasskii, L. F. Borgarenko Izv. Otd. sel'khoz. i biol. nauk AN Tadzh. SSR no. 1 113-118 '60.

TIKHONRAVOV, NIKOLAI VIKTOROVICH, 1899-1961

Nikolai Viktorovich Tikhonravov; obituary. Neft. khoz. 39 no. 6:71 Je '61.

TIKHOV, GAVRIIL ADRIANOVICH, 1875-1960

This is going to be an interesting collection! A. A. Mikhailov Nauka i zhizn' 28 no 6:70 Ag '61.

TILES

Facing walls with glazed tiles P. Makhinia, A. Pozdniakov Stroitel' no. 7-10-11 Jl '61

TILES, ROOFING see subdivision under Penza Province

TILLAGE

(see also subdivision under Shemakha District; Tajikistan)

Aftereffect of soil cultivation practices and fallow crops on the yield of grasses [with summary in English]. R. Shienker, I. S. Shatilov. Izv. TSKhA no. 2:57-71 '61.

Effect of afforestation and agricultural practices on snow water runoff from slopes in the Kamennaya Steppe. A. V. Rudometov Sbor rab Kursk. gidromet. obser no 1-39-51 '60.

TIMAN RIDGE—GEOLOGY, STRATIGRAPHIC

Lithologic characteristics and conditions determining the formation of lower Famennian deposits in the Timan-Pechora area T I Kushnareva Izv vys ucheb zav., geol i razv 4 no 7 42-59 Jl '61

TIME STUDY

(see also subdivision under Germany, West, Krasnoyarsk Territory)

Balance of the expenditure of working time in industrial enterprises, from the work practice of the Krasnoyarsk and Novosibirsk Economic Councils IA Cherniavskii Vest stat no 8 9-15 '61

From the editors' mail. Sots. trud 6 no. 8-131-132 Ag '61.

Increase in labor productivity and the effort to reduce working time losses R Fidel'man Sots trud 6 no. 8 76-84 Ag '61.

Labor productivity and the utilization of working time. V. Zhnin. Vop ekon. no. 8 74-80 S '61.

TIMIRIAZEV, KLIMENT ARKAD'EVICH, 1843-1920

Our calendar Nauka i zhyttia 10 no. 3-63 Mr '60.

TIN

Burning samples of canned food in order to establish their tin content A. P. Guryiev Kons i ov prom 16 no. 6 34-36 Je '61

TIN—ELECTRIC PROPERTIES

Studying the destruction of superconductivity in thin tin films [with summary in English] A M Kolchin and others Zhur eksp i teor fiz 40 no 6: 1543-1550 Je '61

TIN—ISOTOPES

Resonance absorption of 23.8 Kev. gamma rays by Sn^{119}, as observed from conversion electrons K. P. Mitrofanov, V. S. Shpinel' Zhur eksp i teor fiz 40 no. 3-983-985 Mr '61.

Scattering of protons by tin isotopes. M. V. Pasichnyk and others. Ukr. fiz. zhur 6 no 3, 125-126 My-Je '61.

Spins and parities in certain states of Cd^{112}, Sn^{119}, and Sn^{120}. O. F. Nemets, V. V. Tokarevskii. Izv. AN SSSR, Ser. fiz. 25 no. 9-1138-1140 S '61.

TIN—METALLOGRAPHY

Kinetics of the transformation of white tin into gray. A. I. Bykhovskii Fiz. met. i metalloved 12 no 1:64-72 Jl '61.

TIN—SPECTRA

Quantitative determination of lead by the spectral method. N. I. Gruzdeva. Obog. rud 5 no. 1 22-23 '60

TIN-BISMUTH ALLOYS see Bismuth-tin alloys

TIN-CADMIUM ALLOYS see Cadmium-tin alloys

TIN CANS

Determining standard dimensions for tin cans. A. N. Pavlov. Kons. i ov. prom. 16 no. 9, 26-20 S '61.

Distributor of tin cans. A. F. Beloshelkov. Kons. i ov. prom 16 no. 6:19-20 Je '61

TIN ORGANIC COMPOUNDS

Organotin and organolead derivatives of some nitrogen-containing acids. D. A. Kochkin, S. G. Verenikina, I. B. Chekmareva. Dokl. AN SSSR 139 no. 6 1375-1378 Ag '61.

TIN OXIDE

Reactions between stannous and stannic oxide and ferric sulfide. D. N. Klushin, O. V. Nadinskaia. Zhur. prikl. khim. 34 no. 8 1668-1679 Ag '61.

TIN SALTS

Accumulation of tin salts in canned fish. F. M. Purikov Izv. vys ucheb. zav., pishch tekh no 4-100-105 '61.

TIRASPOL'—GRAPE JUICE

How we are preparing for the 22d Congress of the CPSU. I. S. Gluz. Kons. i ov. prom. 16 no 6:4-5 Je '61.

TIRES, RUBBER

Individual vulcanizer for removable wire beads. G. A. Gavrilenko, D. I. Rynzin. Kauch i rez. 20 no. 8, 45-48 Ag '61.

Setting of a continuous tread-strip in extruding. A. D. Panichev and others. Kauch. i rez 20 no. 8:40-44 Ag '61.

TISSUE EXTRACTS

Andreev, A. L., ed. [Chemical and morphological bases of biogenic treatment for nervous and mental diseases] Khimio-morfologicheskie osnovy biogennoi terapii nervno-psikhicheskikh zabolevanii. Moskva, Mosk. nauchn. ob-vo nevropatologov i psikhiatrov.
Vol. I. 1961. 183 p.
(DNLM)

Tissue extracts enriched with cobaltous chloride used in the anemia of young pigs and for the fattening of swine. I I Zabolotnyi. Visnyk sil'hosp nauky 3 no. 4:91-92 Ap '60.

ANATES—ELECTRIC PROPERTIES
ature of dielectric losses in polycrystalline magnesium nd zinc titanates irradiated by large integral fluxes of slow neutrons. L K. Vodopianov Fiz tver tela 3 no. 8,2331-2335 Ag '61

emperature dependence of ε' and ε'' in strontium-bismuth-titanate and barium titanate at a frequency of 9400 mc G A. Lipaeva, G. I Skanavi Fiz tver tela 3 no 3 506-508 Mr '60

ANIUM
precipitation of Ti^{+} with PdS N A Rudnev, G. I Malofeeva, Zhur neorg khim 6 no 8 1805-1809 Ag '61

isibility curve of the system titanium - zirconium - niobium V. S Mikheev, O K. Belousov Zhur neorg khim 6 no 8 1905-1908 Ag '61

ochemical characteristics of aluminum and titanium n the loess of White Russia K. I Lukashev, S G Dromashko, I. A Dobrovol'skaia Dokl AN BSSR 5 no 6 344-351 Ag '61.

ethods for the preparation of titanium concentrate from a Dashkesan magnetite sandstone I I Bagbanly, Kh. L K Zeinalova Azerb khim zhur no 2,75-79 '61

udying and developing a procedure for the gas cutting of commercial-grad titanium G V. Evseev, E. A. Dmitriev. [Trudy] MVTU no 101 217-223 '61

ANIUM—THERMAL PROPERTIES
eat content and heat capacity of titanium at high temperatures. N. N. Serebrennikov, P. V Gel'd. Izv. vys. ucheb. zav., tsvet. met. 4 no. 4;80-86 '61.

ANIUM ALLOYS
Ivovkhov, V. A., and others. [Machinability of heat-resistant and titanium alloys] Obrabatyvaemost' ezanlem zharoprochnykh i titanovykh splavov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 243 p.

Platinum plating of titanium and titanium alloys. IU. V. Boimakov, K. P. Batashev. Zhur. prikl. khim. 34 no. 8 1879-1880 Ag '61

ANIUM ALLOYS—ELECTRIC PROPERTIES
ermal diffusivity and electric resistance of α-titanium and the titanium alloys T--3, T--4, BT--5, T--6, T--8. A. G Kurngorian Dokl AN Arm SSR 32 no 4;213-217 '61.

ANIUM CHLORIDE
aramagnetic resonance in the salts $TiCl_3 \cdot 6H_2O$ and $Ti_2(SO_4)_3 \cdot 4H_2O$. V I Avvakumov and others. Fiz. tver. tela 3 no 7;2111-2114 Jl '61

ANIUM-CHROMIUM ALLOYS
tability of a β-solid solution of titanium-chromium alloys. N. V. Ageev, O. G. Karpinskii, L. A. Petrova Zhur neorg. khim 6 no 8 1976-1978 Ag '61.

ANIUM-CHROMIUM ALLOYS—METALLOGRAPHY
echanism of phase transformations in Ti-Cr alloys. V. N. Gridnev and others. Sbor. nauch. rab. Inst. metallofiz. AN URSR no. 12;37-45 '61

ANIUM-CHROMIUM-MOLYBDENUM ALLOYS—ELECTRIC PROPERTIES
ardness and electric resistivity of alloys in the system titanium - chromium - molybdenum. N. V. Grum-Grzhimailo, V G. Gromova. Izv. AN SSSR Otd. tekh. nauk. Met. i topl. no. 4 71-75 Jl-Ag '61.

ANIUM COMPOUNDS
yrocatechol complexes of titanium S. IA Shnaiderman, I. E. Kalinichenko Zhur. neorg khim. 6 no. 8.1843-1840 Ag '61.

ANIUM-NIOBIUM ALLOYS—METALLOGRAPHY
nvestigating alloys in the system titanium - niobium. K. I. Shakhova, P. B. Budberg. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no 4:56-58 Jl-Ag '61.

ANIUM ORES—ANALYSIS
Phase analysis of titanium ores. P. M Perlov, E. M Kaisnel'son. Obog. rud 4 no. 6.11-13 '59

ANIUM ORGANIC COMPOUNDS
Free radical reactions of bis-cyclopentadienyldiphenyltitanium G. A. Razuvaev, V. N. Latiaeva, L. I. Vyshinskaia. Zhur. ob. khim. 31 no. 8;2667-2674 Ag '61.

ANIUM OXIDE
Diffusion of iron in titanium dioxide [with summary in English]. V. I. Izvekov, N. S. Gorbunov, A. A. Babad-Zakhrapin. Inzh.-fiz. zhur. 4 no. 3 119-122 Mr '61.

ANIUM OXIDE—ELECTRIC PROPERTIES
Electric conductivity of melts in the system ferrous oxide - titanium dioxide. V. S. Balikhin, V. A. Reznichenko Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 4: 24-28 Jl-Ag '61.

ANIUM SULFATE
Paramagnetic resonance in the salts $TiCl_3 \cdot 6H_2O$ and $Ti_2(SO_4)_3 \cdot 4H_2O$. V. I. Avvakumov and others. Fiz. tver. tela 3 no. 7;2111-2114 Jl '61.

TITANIUM-VANADIUM-MOLYBDENUM ALLOYS—METALLOGRAPHY
Investigating the properties of alloys in the system titanium - vanadium - molybdenum. I I Kornilov, R S Poliakova Izv AN SSSR Otd tekh. nauk. Met i topl no 4 76-82 Jl-Ag '61

TITANIUM-ZIRCONIUM ALLOYS—CORROSION
Oxidation at high temperatures of alloys of titanium and tantalum with zirconium R. F Voitovich, R V Makarova Izv AN SSSR Otd tekh nauk. Met i topl no 4 95-100 Jl-Ag '61

TITANOMAGNETITES
(see also subdivision under Ural Mountains)
Composition of accessory titanomagnetite in different genetic granitoid types of the Urals D S Shteinberg, V G Fominykh. Dokl AN SSSR 139 no 5 1208-1210 Ag '61

TITOV, GERMAN STEPANOVICH, 1934-
The best!... V. Petrusenko. Ogonek 39 no. 34 12 Ag '61.

Cake. K. Cherevkov. Ogonek 39 no. 35 2 Ag '61.

[New flight into space!] Novyi polet v kosmos! Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 76 p. (Za nashu Sovetskuiu Rodinu)

Our German. K. Cherevkov. Ogonek 39 no. 34;25 Ag '61

TITOV FAMILY
In Titov's house. A. Starkov. Ogonek 39 no. 33;26-27 Ag '61.

TIZENGAUZEN, VLADIMIR GUSTAVOVICH, 1825-1902
The manuscripts of V G. Tizengauzen. K. A Bolko Kratt soob. Inst. nar. Azii no 47 21-29 '61.

TOBACCO—ANALYSIS AND CHEMISTRY
Amount and composition of tobacco smoke during the solid-liquid phase P. G Asmaev, L. P Popova Izv vys. ucheb zav., pishch tekh no 4 51-57 '61.

Changes of essential oils and tars in the tobacco drying process I. K. TSonev. Izv vys. ucheb. zav., pisheh tekh, no 4 50-61 '61.

Quantitative changes of chlorogenic and caffeic acids in the fermentation of tobacco. V. K. IUnoshev. Izv. vys ucheb. zav., pisheh. tekh no 4 41-50 '61.

TOGO—COMMERCE—RUSSIA
Trade agreement between the U. S. S. R. and the Republic of Togo Vnesh. torg 41 no 9 26-30 '61.

TOKARI—DAIRYING
Marfa Kharitonovna Savchenko's school. F Butchenko. Nauka i zhyttia 11 no 7;37-38 Jl '61.

TOKYO—EXHIBITIONS
"There is much to learn from them...." Ogonek 39 no. 35.1 Ag '61.

TOLERANCE (ENGINEERING)
Initial conditions for calculating allowances for worm hobs used for cutting cycloidal wheels. G V Grodzenskii Vzaim i tekh izm v mashinostr., mezhvuz sbor no 3 93-101 '61

TOLSTOI, ALEKSEI NIKOLAEVICH, 1882-1945
Krestinskii, IU. A. [A. N. Tolstoi, his life and works; a brief sketch] A. N. Tolstoi; zhizn' i tvorchestvo; kratkii ocherk. Moskva, Izd-vo Akad. nauk SSSR, 1960. 312 p.
(MiU)

TOLSTOI, LEV NIKOLAEVICH, 1828-1910
Is realism obsolescent? Vl. Shcherbina Teatr 22 no 9 70-78 S '61.

Meilakh, B. S. [Flight and death of Leo Tolstoi] Ukhod i smert' L'va Tolstogo. Moskva, Goslitizdat, 1960. 405 p.
(MH)

Vorob'ev, V. F. [Genius of Russian and ture; V. I. Lenin on L. N. Tolstoi] Gen'' literatury; V. I. Lenin o L. N. Tolston L'vovskogo univ., 1960. 36 p.
(MH)

Work as an influential factor in the national character of art. ta pov. UzhDU. Ser. filol. no.

TOLSTOI, LEV NIKOLAEVICH, HAUNTS
Moscow. Gosudarstvennyi muz Tolstoi's home in Moscow] D Moskve. [Moskva] Moskovs (Po muzeiam i vystavkam Mo
(MB)

TOLSTOI, LEV NIKOLAEVICH, RELICS, ETC,
New materials on L. N. Tolstoi. '61.

TOLSTOI FAMILY
How L. N. Tolstoi's sons were P. Desiatnik. Ist. arkh. 7

TOLUENE
Catalytic condonsation of toluei A. G. Ismailov. Azerb. khim.

Separation of a mixture of ethyltoluenes into individual isomers IA. I. Leitman, I N Dilarov. Zhur. prikl. khim. 34 no 8 1868-1874 Ag '61.

Shift in the composition of azeotropes with temperature and pressure changes in binary systems toluene - saturated alcohols [with summary in English]. A. G Morachevskii, V. N. Kolbina. Zhur. fiz khim 35 no. 8,1694-1698 Ag '61.

Synthesis of cymenes by the alkylation of toluene with propylene over aluminosilicates. IU G Mamedaliev and others. Azerb khim zhur no 1;39-54 '61

TOMATOES
Effect of cultivation practices on the dry matter content of tomatoes. E. K. Pogosov. Kons. i ov. prom 16 no. 9;30-31 S '61

Very early growing of tomatoes under field conditions. I. M. Holubyns'kyi. Visnyk sil'hosp. nauky 3 no. 4;76-77 Ap '60.

TOMATOES—HARVESTING see subdivision under United States

TOMATOES—IRRIGATION
Some changes in the microclimate and temperature of soils during the irrigation of tomatoes G. L. Dolgushin Trudy OmSKhI 43 89-106 '61.

TOMATOES—VARIETIES
(see also subdivision under Bulgaria)
New varieties of tomatoes with increased dry matter content S. I Vishnevskii Kons i ov prom. 16 no 7; 29-32 Jl '61

Pay more attention to dwarf tomato varieties. V. A Kozhemiako. Kons. i ov prom 16 no 6;26-27 Je '61

TOMSK—CHILDREN—GROWTH
Indexes of physical development of children in kindergartens in Tomsk [with summary in English]. V. P Smolenskaia. Vop okh mat i det 6 no 7;88-90 Jl '61

TOMSK—EFFICIENCY, INDUSTRIAL
Tomsk workers as the initiators of the "Lenin movement" in industrial enterprises during the Great Patriotic War, from 1941 to 1945. T N Petrova. Uch zap TGU no. 37;175-181 '59

TONGA DEEP—HYDROLOGY
Some data on the hydrology of the Tonga and Kermadec Deeps. V. V. Leont'eva. Trudy Inst. okean 40;72-82 '60.

TONGUE
Electromyotonometric measurements of the tone of human tongue E. Z. Kelaptishvili. Soob AN Gruz. SSR 26 no 4 461-467 Ap '61.

TOOL STEEL
Moscow. Vsesoiuznyi nauchno-issledovatel'skii instrumental'nyi institut. [Tool steels, properties and heat treatment; manual] Instrumental'nye stali, svoistva i termicheskaia obrabotka; spravochnik. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 250 p.

TOOL STEEL—TESTING
Moscow. Vsesoiuznyi nauchno-issledovatel'skii instrumental'nyi institut. [Methods and practice of the metallographic investigation of tool steel] Metodika i praktika metallograficheskogo issledovaniia instrumental'noi stali; sbornik rabot metallograficheskoi laboratorii VNII. Pod nauchn. red. E. I. Malinkovoi. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 227 p.

TOPOGRAPHY see subdivision under Ivangorod

TOPOLOGY
Approximate dimensions of and bases in nuclear spaces B. S. Mitiagin Usp mat nauk 16 no 4 63-132 Jl-Ag

TORSION (Continued)
Direct and inverse torsion in conditions of creep V. S Namestnikov. PMTF no 1 121-122 My-Je '60
Torsion and bending of a round rod with round hollows A S Kosmodamianskii. Izv vys ucheb zav , stroi i arkhit 4 no 4 42-49 '61
Torsion of shafts and shells M. Z Nemenman. Sbor. nauch st. Azovo-Cher. inst mekh sel'khoz no. 8 pt 2: 86-95 '59.

TOSNO—COMMUNITY CENTERS
They lent no assistance to a valuable initiative. N Churakov. Sov. deput trud no. 9 84-88 S '61

TOTKENT—COLLECTIVE FARMS
My Uzbek relatives. Haralamb Zinca. Ogonek 39 no. 35 14-15 Ag '61.

TOURISTS, FOREIGN
Breakfasts for foreign tourists. V. Blagorazumov. Obshchestv. pit no. 7 44 Jl '61

TOWERS
Assembling lightweight steel tower antennas K. I Emelin Mont i spets. rab. v stroi 23 no 8 12-15 Ag '61

TOWERS, PLATE see Plate towers

TOXINS AND ANTITOXINS
Physiological mechanism of potentiation of the action of types A and B botulism toxin in the body [with summary in English]. V V. Mikhailov Arkh pat 21 no 9 7-16 '59.

TOY INDUSTRY see subdivision under Japan, Zagorsk

TOYS
Forest toys T Khar'kovskaia Sem'ia i shkola 16 no 7 47 Jl '61.
Homemade IU A. Bugel'skii Doshk vosp 34 no. 9 114-116 S '61.
Let's remember folk toys E. R Devitskaia Doshk vosp 34 no 9 99-100 S '61

TRACE ELEMENTS
Applying trace element fertilizers to alfalfa seed plants. Ch. S. Rakisheva. Vest. sel'khoz. nauki [Kazakh] 4 no. 5:45-48 My '61.
Biogeochemical provinces in the Azerbaijan S S. R. A. N. Giul'akhmedov. Izv AN Azerb SSR. Ser biol. i med. nauk no 5. 97-101 '61
Distribution of accessory elements in titanomagnetites of the Urals. D S Shteinberg, V F Fominykh Dokl AN SSSR 139 no. 6:1449-1451 Ag '61.
Dynamics of the content of some trace elements in different parts of bone tissue in bone autoplasty. A P Skoblin Ortop., travm. i protez. no 6 46-54 '61
Method for fast determination of the total amount of Mn, Cu, Zn, and Co in soils A M Giul'akhmedov. Izv. AN Azerb SSR Ser. biol. i med. nauk no 6, 93-95 '61.
Mixed fertilizers with trace elements. P. A. Vlasiuk, L. D. Lendens'ka, I. A. Havva. Visnyk sil'hosp. nauky 3 no. 4:12-21 Ap '60.
Role of trace elements and the hydrazide of maleic acid in increasing the productivity and improving the quality of sugar beets on peat soils. I. A Strochenko Visnyk sil'hosp nauky 3 no. 4:72-76 Ap '60
Role of trace elements in carbohydrate translocation in the plant organism M G. Abutalybov, D M Allev Izv. AN Azerb SSR Ser. biol i med nauk no. 5, 31-40 '61
Simultaneous extraction of trace elements in the extraction of chlorides by oxygen-containing organic solvents. A G. Karabash Zhur. neorg. khim. 6 [illegible] Ag '61

PHYSIOLOGICAL EFFECTS
dies on the trace element requirements Mitsyk Visnyk sil'hosp '60

[illegible] in agrophysiology" by P. A. Reviewed by IE M. Skobets' 31 Jl '61

subdivision under Kharkov;

diesel-electric tractor with N. S. Kuznetsov. Biul tekh- i '61.

of the DT-54 tractor on virgin t. sel'khoz. nauki [kazakh.]

tor-driven machinery and the sel'khoz, nauki 6 no. 6:16-19

search in the automatic con- [illegible]ranov, IA. L. Bronshtein. akh.] 4 no. 3, 50-60 Mr '61.

of the Minsk Tractor Plant. 3 no. 9:2 S '61.

ef manual on the DT-54A ik po traktoru DT-54A. [illegible]oz, lit-ry, 1960. 198 p.

Ways of improving the performance of tractors. M. I. Medvedev. Visnyk sil'hosp. nauky 3 no. 4, 52-62 Ap '60.

TRACTORS—CATALOGS
Brodskii, M. A., and A. P. Kamzolov. [Catalog of spare parts for agricultural tractors] Katalog zapasnykh chastei sel'skokhoziaistvennykh traktorov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 930 p.

TRACTORS—DESIGN AND CONSTRUCTION
Prospective development of tractors [with summaries in English, German, and French]. M. A. IAkobi. Vest. sel'khoz. nauki 6 no. 8 75-81 Ag '61.

TRACTORS—ENGINES
Characteristics of universal tractor engine regulators. N. P. Riabinin Sbor nauch st Azovo-Cher. inst mekh sel'khoz. no 8 pt 2:36-79 '59.

TRADE UNIONS
(see also subdivision under Argentina, Berlin; Cuba; Germany, East, Hungary, Moscow; Poland, Ukraine, United States)
Begin the discussion immediately. Vsem. prof. dvizh. no 8 1-2 Ag '61.
City aids village. Sov profsoiuzy no. 17:23 S '61.
The CPSU and the mass organizations of workers during the large-scale building of communism. V. M. Shapko. Vop. ist. KPSS 5 no. 5 225-228 '61
Grishin, V. V. [Soviet trade unions during the large-scale building of communism] Sovetskie profsoiuzy v usloviiakh razvernutogo stroitel'stva kommunizma; lektsiia prochitannaia v Vysshei partiinoi shkole pri TsK KPSS. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 39 p.
International seminar in Tashkent. Angel Pizarro. Vsem. prof. dvizh. no. 8:37-39, 43 Ag '61
Internationalism is our banner. L. N. Solov'ev. Vsem. prof. dvizh. no. 8:3-6 Ag '61
Keeping pace with our times I Sharav'ev. Sov. shakht. 10 no 7 5-7 Jl '61
One cannot fight alone. I Shefer. Sov. shakht 10 no. 7: 25-26 Jl '61.
Organizers and educators of the masses. Sov. profsoiuzy 17 no. 18:1-4 S '61.
Preparations for the great workers' forum are being made on all continents. Sov. profsoiuzy 17 no. 18: 35 S '61.
Professional groups are the basic link. I. Onufrienko. Sov shakht. 10 no 7 26-27 Jl '61
Proposed program of trade union activities in defense of workers' interests and rights at the present stage Vsem. prof. dvizh supplement no 8 Ag '61.
Regulating wages and establishing work norms. L Pogrebnoi Sov profsoiuzy no 17:24-26 S '61.
Reliable support of our party. Sov. profsoiuzy no. 17:1-4 S '61.
Side by side with the physician. IU. Antonov, T. Kogan. Sov. profsoiuzy 17 no. 18 25-26 S '61.
Supply the population with the best products in the world. O Nefedova Sov. profsoiuzy no 17:14-17 S '61.
This is most important in educational work. P. Babenko and others. Sov. profsoiuzy 17 no. 18 21 S '61.
Trade unions are the Lenin school for administration. N. Silant'ev. Sov. profsoiuzy 17 no. 18:22-24 S '61.
When no consideration is given to professional groups. A Krivega. Sov shakht. 10 no. 7 28 Jl '61.
You have to admit it A. Borutskii. Sov. shakht 10 no 7:27 Jl '61

TRADE UNIONS—CONGRESSES
Assembly of the working people of the world. V. Kutuzov. Sov. shakht. 10 no. 9:40 S '61.
Significance of the Fifth World Trade-Union Congress to the workers. Vsem. prof. dvizh. no. 8:7-14 Ag '61.
World Federation of Trade Unions. General Council. [The 11th session of the General Council of the World Federation of Trade Unions, Peiping, June 5-9, 1960, collected documents] XI sessiia General'nogo soveta VFP, Pekin 5-9 iiunia 1960 goda. Sbornik dokumentov. [Moskva] Izd-vo VTsSPS Profizdat, 1960. 26 p.

TRADE UNIONS—FINANCE
Moscow. Vysshaia zaochnaia shkola profdvizhenija. [Finances of trade unions of the U. S. S. R.; organization and planning] Finansy professional'nykh soiuzov SSSR; organizatsiia i planirovanie. Izd. 2., perer. i dop. [Moskva] Izd-vo VTsSPS Profizdat, 1961. 199 p.

TRADE UNIONS—OFFICERS
Reports and elections of trade-union organs. Sov. profsoiuzy 17 no. 18 4 S '61.

TRADE-WINDS see subdivision under Pacific Ocean

TRADITION, ORAL see Oral tradition

TRAFFIC REGULATIONS
Beliaev, N. Z., and M. IU. Shlezinger. [Manual for automobilists] Uchebnoe posobie shoferu-liubiteliu. Moskva, Izd-vo DOSAAF, 1961. 222 p.

TRAFFIC SAFETY
Automobile drivers strive to have no accidents. A. G. Poliakov. Vest protivovozd obor no 9 15-17 S '61
Automobiles and pedestrians. V Vladimirov. Za rul. 19 no. 7 26-27 Jl '61.
Drivers, be alert! B Borovskii. Tyl i snab Sov. Voor. Sil 21 no 6 84-87 Je '61.

TRAFFIC VIOLATIONS
Revoked license. I. Bezverkhii. Za rul. 19 no. 7 27 Jl '61.

TRAINING OF EMPLOYEES see Employees, Training of

TRAJECTORIES
Investigation of nongaussian trajectories in the field of an electrostatic quadrupole lense A M Strashkevich. Radiotekh i elektron 6 no 9:1562-1565 S '61.

TRAMBITSKII, VIKTOR NIKOLAEVICH
Operatic works of V N Trambitskii. B. I. Peyzner. Nauch -metod zap Ural gos konser. no 3 24-47 '59.

TRANQUILIZING DRUGS
Comparison of the mechanism of action of reserpine and certain tranquilizing agents (aminazine, diphacil, antiphenin, strophanthidin and sigetin) [with summary in English]. U Su-zhui [Wu Su-jui] Biul eksp biol i med. 51 no 1 76-81 Ap '61

TRANS-ILI ALA-TAU—PASTURES AND MEADOWS
Improvement of low-yielding meadows in the mountains of Trans-Ili Ala-Tau. R. Hamitov. Vest. sel'khoz. nauki [Kazakh.] 4 no. 1, 38-46 Ja '61.

TRANSBAIKALIA—ANTIQUITIES
Hunnic antiquities in Transbaikalia. A. V. Davydova. Trudy BKNII no 1 71-78 '59

TRANSBAIKALIA—CORN (MAIZE)
Knights of the Transbaikalian queen. L. Kafanova, R. Likhach. Ogonek 39 no. 39:12-13 S '61.

TRANSBAIKALIA—FLOODS
Analyzing the conditions of atmospheric circulation during the July 1959 flood in Transbaikalia O. G. Sorochan. Trudy GGO no. 123 79-92 '61.

TRANSBAIKALIA—FLUORITE
Relation between the fluorite deposits and intrusive rocks of western Transbaikalia A. D Shcheglov, M. I. Rozinov. Dokl AN SSSR 139 no 5 1201-1204 Ag '61.

TRANSCARPATHIA—NAMES, GEOGRAPHICAL
A few Transcarpathian place names. K. I. Halas. Dop. ta pov. UzhDU. Ser. filol. no. 2:62-64 '58.

TRANSCARPATHIA—RETAIL TRADE
Inspiring example of the Transcarpathian cooperative workers M. A. Servatskii. Koop. Kazakh. 4 no. 4: 33-38 Ap '61.

TRANSCARPATHIA—UKRAINIAN LANGUAGE—DIALECTS
Names for corn in the dialects of the Transcarpathian Province. I. O. Dzendzelivs'kyi. Dop ta pov. UzhDU Ser. filol no. 2:68-70 '58.

TRANSCARPATHIA—UKRAINIAN LITERATURE
Monuments of Ukrainian literature of the 17th and 18th century written in Transcarpathia. F. M. Potushniak Dop. ta pov. UzhDU. Ser. filol no. 2:124 '58.

TRANSCARPATHIA—VITICULTURE
Microclimatic investigations in the viticultural zone of Transcarpathia. A. V. Shakhnovich, A. A. Vil'kens. Trudy UkrNIGMI no. 23, 3-20 '61

TRANSCARPATHIA—WORLD WAR, 1939-1945—POETRY
Transcarpathian folk poetry from 1939 to 1944 on the struggle against the fascist invaders M. H. IAs'kov. Dop. ta pov. UzhDU. Ser. filol. no. 2:10-11 '58.

TRANSCAUCASIA—CLOUDS
Conditions promoting the development of low-level clouds at a height of up to 600 meters on the principal air routes of Transcaucasia and their prediction V. M. Gigineishvili, G. V. Nikolaishvili. Trudy Tbil. NIGMI no 7 38-48 '60.

TRANSCAUCASIA—COMMUNIST YOUTH LEAGUE
First conference of the Communist Youth League of Transcaucasia and its history. G. A. Avetisian. Izv. AN Arm. SSR. Obshchestv. nauki no. 5:23-38 My '61.

TRANSCAUCASIA—FLOODS
Regular patterns of variations in the time of spring and summer flood flows in mountain rivers of Transcaucasia and the technique of their calculation. G. N. Khmaladze. Trudy Tbil. NIGMI no. 7:101-106 '60.

TRANSCAUCASIA—METEOROLOGICAL RESEARCH
State of studies on the developmental characteristics of synoptic processes and weather in Transcaucasia and adjacent regions. K. I. Papinashvili. Trudy Tbil. NIGMI no. 7:3-25 '60.

TRANSCAUCASIA—RIVERS
Conditions of the applicability of standard dates for observations on the water level of mountain rivers in Transcaucasia. G. N. Khmaladze. Trudy Tbil. NIGMI no. 7:113-127 '60.

TRANSDUCERS

Carry out the decision of the First all-Union conference on flexible sensitive elements. N. I. Zhukovskii. Izm tekh. no. 9:57-58 S '61.

High-frequency gas-discharge transducer. I. I. Kapralov, M. A. Fedotov, IU. G. Markov Izv Sib otd AN SSSR no. 7:36-40 '61

IAkovlev, L. G. [Errors of checking and measuring instruments and pickups] Pogreshnosti kontrol'no-izmeritel'nykh priborov i datchikov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 154 p.

TRANSDUCTORS see Magnetic amplifiers

TRANSFORMATIONS (MATHEMATICS)

Gauge transformation of Green's functions [with summary in English]. V. I Ogievetskii, I. V. Polubarinov Zhur. eksp. i teor. fiz. 40 no 3 926-932 Mr '61

General method for deriving factorizations of finite groups. S. A. Chunikhin. Mat sbor. 54 no. 2 237-252 Je '61.

General transformation of the representation of Lorentz group in bispinor space A A. Bogush, F I Fedorov Dokl. AN BSSR 5 no. 8,327-330 Ag '61.

Generalized formulas for transformations of functions in Lobachevskii-Graeffe's method for the numerical determination of zeros in entire and holomorphic functions. A. N. Kostovskii Zhur. vych. mat. i mat fiz 1 no 2:346-348 Mr-Ap '61.

Local invariance and the compensation field theory. V. B. Adamskii. Usp. fiz. nauk 74 no. 4,609-626 Ag '61.

Solving linear programming problems by the method of elimination of unknowns S. N Chernikov. Dokl. AN SSSR 139 no. 6,1314-1317 Ag '61.

Some matrix characteristics of linear transformations of analytic spaces. M. A. Kraplin. Shor nauch st. Azovo-Cher. inst. mekh. sel'khoz. no. 8 pt. 2:128-133 '59.

TRANSFORMATIONS, FOURIER see Fourier transformation

TRANSFORMERS, ELECTRIC see Electric transformers

TRANSISTOR AMPLIFIERS

Transistorized parametric amplifiers. V. Alfeev, G. Dediukin. Radio no. 3:21-24 Mr '61

TRANSISTOR OSCILLATORS see Oscillators, Transistor

TRANSISTORS

Effect of the passive base region on the performance of a transistor in pulse operation M. I. Markovich Izv. vys. ucheb. zav., radiotekh. 3 no. 6:563-570 N-D '60.

High-frequency germanium power triodes V. A Struzhinskii Fiz. tver. tela 2 no 3:420-425 Mr '60

Low-power transistors. Radio no. 3:2-4 of insert. Mr '61.

Power transistors. Radio no. 3:4 of insert. Mr '61.

Transistor diodes. Radio no. 3:1 of insert. Mr '61.

Vaitov, R. A., ed. [Measurement of transistor parameters] Izmereniia parametrov poluprovodnikovykh triodov. Khar'kov, Izd-vo Khar'kovskogo Gos. univ., im. A. M. Gor'kogo, 1960. 103 p.

Zero stability of synchronous detectors equipped with semiconductor diodes and transistors. M. S. Roitman and others. Izm. tekh. no. 9:27-31 S '61.

TRANSISTORS—HANDBOOKS, MANUALS, ETC.

Ovsishcher, P. L., and N. N. Kochkina. [Handbook on transistor diodes and triodes] Spravochnik po poluprovodnikovym diodam i triodam. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961. 239 p.

TRANSISTORS—TESTING

Device for testing IPT-1 transistors. L. Elian, A. Beliarov, N. Emel'ianov. Radio no. 3:39-41 Mr '61

Device with a measuring bridge. A. Model', V. Zakrevskii. Radio no. 3:37-39 Mr '61.

Devices for testing transistors. Radio no. 3:35-36 Mr '61.

Simple device for testing transistors. E. Borisov. Radio no. 3:37 Mr '61.

TRANSIT CIRCLE

Determining right ascensions of stars in the vicinity of the pole observed on the Moscow Repsold meridian circle in 1955-1956. A. P. Gulaev. Trudy GAISH 30. 104-156 '61.

TRANSITION METAL COMPOUNDS

Crystallochemical features of semiconducting compounds of transition metals. L. D. Dudkin. Fiz tver tela 2 no. 3 397-403 Mr '60.

TRANSITION METAL COMPOUNDS—ELECTRIC PROPERTIES

Nature of the electric conductivity of certain compounds of transition metals with lattices of the type $CuAl_2$ L. D. Dudkin, V. I. Vaidanich. Fiz tver. tela 2 no. 3 404-405 Mr '60.

TRANSITION METALS

Crystalline structure of monosilicides of transition metals. V. S. Neshpor. Kristallografiia 6 no. 3: 466-469 My-Je '61.

TRANSLATING AND INTERPRETING

Zaverin, M. Z. [On translations] O perevodakh; plat' statei. Tbilisi, Izd-vo Soiuza pisatelei Gruzii "Zaria Vostoka," 1960. 78 p.

TRANSLATING MACHINES

Use of electronic computers for the conversion of the names of complex compounds into formulas A L Seifer, V. S. Shtein, S S Shchurova Zhur. neorg khim 6 no 8 1759-1761 Ag '61

TRANSPLANTATION OF ORGANS, TISSUES, ETC.

Ageenko, A. I. [Heterotransplantation of malignant tumors] Geterotransplantatsiia zlokachestvennykh opykholei. Moskva, Medgiz, 1961. 212 p. (DNLM)

[redacted] ogii. (DNLM)

TRANSPORT PLANES

They did it themselves. A. V. Kuznetsov, A. K. Lashkevich. Vest. Vozd. Fl. no. 6,62 Je '61

TRANSPORT PLANES—PILOTING

In a transport plane. P. S. Shchetina Vest. Vozd Fl no. 6:29-32 Je '61.

TRANSPORTATION

(see also subdivision under Dzhezkazgan; Russia, Northern)

Instruction for planning industrial transportation. Biul. stroi. tekh. 18 no. 8:7-8 Ag '61

Kondrashov, A. V. [Economy in the use of materials in construction for transportation] Ekonomiia materialov v transportnom stroitel'stve. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va *putei soobshchenia*, 1961. 187 p.

TRANSPORTATION—ABSTRACTS

[Transportation.] Ref. zhur.: Transp. no. 9 S '61.

TRANSPORTATION—INTERNATIONAL COOPERATION

New international rail and water transportation. N I. Akimov. Zhel.-dor transp 43 no. 9:85-87 S '61

TRANSPORTATION, AUTOMOTIVE

(see also subdivision under Artaxh District; Ufa)

New wage specifications for automotive transportation workers. B. M. Ginodman. Gor. khoz. Mosk 35 no. 8: 31-32 Ag '61.

TRANSPORTATION, AUTOMOTIVE—SOCIETIES, ETC.

Prepare to welcome the congress of the beloved party with suitable achievements. G. Shatunov. Za rul. 18 no. 7:1-2 Jl '61.

TRAVELING-WAVE TUBES

Effect of sectionalization on the saturation power of a traveling-wave tube. A. I. Denisov. Radiotekh. i elektron. 6 no. 9:1505-1506 S '61.

General dispersion equation of a traveling-wave tube with a periodical delay structure. V. N. Shevchik, A. A. Kuraev. Radiotekh. i elektron. 6 no. 9, 1519-1532 S '61.

Interaction of an electron beam with the field of a helix in the region of the local attenuator. IU. N. Pchel'nikov. Radiotekh. i elektron. 6 no. 9:1501-1507 S '61.

TREE PLANTING

(see also subdivision under Kara Kum)

Wider spacing is necessary to accelerate the growth of planted trees. R. P. Matveev. Put' i put. khoz 5 no 6:29-30 Je '61.

Width of the spacing between the rows of protective plantings. N. T. Makarychev. Put' i put. khoz. 5 no. 7:34-35 Jl '61.

TREES

Acoustics of trees. V. I. Arabadzhi, / Priroda 50 no. 9:91-92 S '61.

Annual cycle in the development of A. P. Ilinovidov, V. A. Elagina. [Kazakh.] 4 no. 3:61-71 Mr '6

"Miracles from the trees" by Ev/ by A. Zhivova. IUn. nat. no. 9 2

TREMATODA

(see also subdivision under Geo)

New subfamily of monogenetic tr(dea). A. V Gusev. Dokl. AN SS Ag '61.

Paragoniminsis. N. N Cheprakov no 5:81-82 My '61.

TRIALET RANGE—EXCAVATIONS

Dzhaparidze, Otar. [Archaeologi taken in the Trialet Range, 195' skie raskopki v Trialeti v 1957- Izd-vo TGU im. Stalina] 1960. summaries in Russian and Gern (MH)

TRIANGULATION

Effect of the errors of coefficient normal equations on correlates. Trudy OmSKhI 42 no. 2:41-44

Estimating the accuracy of the first unknown in the solution of normal equations. L. S. Neshchadimov. Trudy OmSKhI 42 no. 2:45-48 '60

Shishkin, V. N. [Reconnaissance of triangulation stations] Rekognostsirovka punktov triangulatsii. Izd. 3, Moskva, Izd-vo geodez. lit-ry, 1961. 80 p.

TRIAZENE

Crystalline and molecular structure of p-dihalogen derivatives of diazoaminobenzene. IU. D. Kondrashev. Kristallografiia 6 no. 4 515-523 Jl-Ag '61.

Decomposition of aliphatic aromatic triazenes by various acids, phenols and halohydrins V IA. Pachynok V. O Portnianyna, V. A. Shrubovych. Visnyk Kyiv un no 2 Ser fiz ta khim no 1:95-104 '59

Rearrangement of triazenes. Part I: Rearrangement of asymmetric triazenes in aminoazo compounds. V. M Berezovskii, L S Tul'chinskaia. Zhur. ob khim 31 no. 8 2774-2779 Ag '61.

TRIBES AND TRIBAL SYSTEM see subdivision under Georgia

TRIKA (HINDU PHILOSOPHY) see Sivaism

TRIOCTYLAMINE

Extraction of gold hydrocyanic acid with n-trioctylamine O E Zvigintsev, O. I. Zakharov-Nartsissov, A V Ochkin. Zhur neorg khim 6 no 8,1978-1979 Ag '61

TRIPEPTIDE

Properties of amino acids and peptides containing a tertiary nitrogen atom Part 6 Spectrophotometric study of copper complexes of certain N, N-dibenzyltripeptides, and the determination of their composition by the method of continuous changes (Ostromyslenskii-Zhob) N A. Peddubnaia, Viach I Maksimov, TS A. Egorov. Zhur. ob. khim. 31 no. 8:2466-2474 Ag '61.

TRITYL GROUP—SPECTRA

Study of free radicals of the triphenylmethyl group with the aid of their luminescence spectra. D N Shigorin, IU. I. Kozlov. Opt. i spektr 10 no. 5:600-606 My '61.

TROLLEY BUSES—CONGRESSES

Conference on streetcar and trolley bus transportation systems IU. M. Galonen. Elektrichestvo no. 4 89-90 Ap '61.

TROPICAL CROPS

Introduction of fruits, berries, grapes, and subtropical plants. A. Evtushenko. Vest. sel'khoz. nauki 6 no. 8: 154-155 Ag '61.

TROPICAL FRUIT see subdivision under Vakhsh Valley

TROUT see subdivision under Sevan, Lake

TRUCK TRAILERS

Automotive transportation of freight for construction Kh L Askinazi, IU M Vlasko. Stroi i dor. mash. 6 no 8 4-6 Ag '61

Transport trailer. M. A. Sorokin. Vest. Vozd. Fl. no. 8: 74 Ag '61

TRUSHIN, ALEKSANDR ALEKSANDROVICH

Trushin, Aleksandr Aleksandrovich. Fiz. v shkole 21 no. 2:8-9 Mr-Ap '61.

TRUSSES

Large-span trusses with strand reinforcement. A. Trebenov Na stroi. Ros. no. 7 13-14 Jl '61.

Prestressed triangular trusses. Biul stroi. tekh. 18 no. 7:31-35 Jl '61.

Prestressed truss 30 m. long. V. Komlev, IU. Sukharev. Na stroi. Ros. no. 7 9 Jl '61.

Reinforced concrete segmented trusses. Biul. stroi. tekh. 18 no. 8:15-17 Ag '61.

TRUSTS INDUSTRIAL

TSELINOGRAD PROVINCE—FORESTS AND FORESTRY

Growth of woody plants in forest plantations of the Akmolinsk region and the incidence of their failure to survive during the drought of 1950-1952. IA.I.Chetin Trudy OmSKhI 13 137-145 '61.

TSIMLYANSK RESERVOIR—SHORE PROTECTION

Studying the process of reshaping the banks of the Tsimlyansk Reservoir. M.P. Samokhvalova. Gidr. stroi. 31 no.8-37-38 Ag '61.

TSIOLKOVSKII, KONSTANTIN EDUARDOVICH, 1857-1935

Theorist of space flights. F. Mikirtumov. Kryl rod 12 no 6 3-5 Ag '61

TUBERCULOSIS

Detection of pulmonary tuberculosis by two-stage fluorography. IA A Gabai, E L. Ioffe. Voen -med zhur no. 5 81 My '61

Effect of blood plasma and serum from animals with different species-resistance on oxygen and phosphorus assimilation in the pathogen of tuberculosis [with summary in English] A. M Vitrinskaia. Biul eksp biol i med 51 no. 1 82-85 Ap '61

Kharkov. Ukrainskii nauchno-issledovatel'skii institut tuberkuleza. [Reports of a seminar of phthisiologists at the tuberculosis institutions of the Ukrainian S.S.R., thesis] Seminar ftiziatrov protivotuberkuleznykh uchrezhdenii USSR; tezisy. Khar'kov, 1959. 64 p. (DNLM)

"Maska" of tuberculosis in the clinical aspects of internal diseases. N B. Shchupak. Klin med. no. 7:29-26 '61.

Nozlin, S. E. [Regimen for the tuberculosis patient] Rezhim bol'nogo tuberkulezom. Izd. 6, Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 78 p. (Nauchno-populiarnaia meditsinskaia literatura) (DNLM)

Rabukhin, A. E. [Tuberculosis retreats] Tuberkulez otstupaet. Moskva, Izd-vo "Znanie," 1961. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser.8, Biologiia i meditsina, no. 13)

TUKHACHEVSKII, MIKHAIL NIKOLAEVICH, 1893-1937

Activity of M N. Tukhachevskii, Marshal of the Soviet Union, as a commander and military scientist. IA Gorelik Voen -ist. zhur 3 no 7,45-55 Jl '61

TULA—CORRESPONDENCE SCHOOLS AND COURSES

After justified criticism P. I Kochura Sred. spets. obr. 8 no. 8:36-38 Ag '61

TULA—EVENING AND CONTINUATION SCHOOLS

Occupations in large-scale chemistry. V. Alekin, Prof. -tekh. obr. 18 no 5,9 My '61

TULA—THEATERS

Tula will have a new theater. L. Storozhakova. Teatr 22 no 9.156 S '61.

TUL'CHIN DISTRICT—COLLECTIVE FARMS—ACCOUNTING

Accounting on a commercial basis at the Suvorov collective farm M V Natochii Nauka i zhyttia 11 no. 7:55-56 Jl '61

TUMANYAN—REFRACTORIES INDUSTRY

What the expansion of the Tumanyan Refractories Plant will mean Kh Matzakian. Prom Arm. 4 no 6.22-23 Je '61.

TUMORS

Antigenic properties of certain fractions of Ehrlich mouse adenocarcinoma. Report No. 2 Studies on antigenic properties of tumor fractions in gel precipitation reactions and in experiments on vaccinated mice [with summary in English]. I S Bashkaev. Biul eksp. biol. i med. 51 no. 5 86-91 My '61

Significance of follicular cysts of the ovaries in the rise and development of dyshormonal tumors in rats. E. A. Ird. Probl. endok. i gorm. 7 no. 4:35-42 '61.

TUMORS—TRANSPLANTATION

Effect of the rate of freezing and thawing of tumor tissues on the growth of transplanted tumors [with summary in English] N. S. Kiseleva. Biul eksp. biol. i med. 51 no 4 98-102 Ap '61.

TUNGSTATES

Interaction of iron and manganese tungstates with sodium solutions in conditions of the autoclave process. P.M. Perlov, V.M. Poprukailo. Obog. rud 4 no.5: 15-19 '59.

Physicochemical study of the interaction of sodium ditungstate with sodium chromate and silicate and lead tungstate in melts. P. I. Fedorov, M. V. Mokhosoev. Izv. vys. ucheb. zav., tsvet. met. 4 no.4:105-110 '61.

TUNGSTEN

Effect of small admixtures of tungsten on the temperature dependence of the fine structure of the absorption K-spectrum of Fe. I. B. Borovskii, V. V. Shmidt Izv. AN SSSR. Ser. fiz. 25 no. 8:983-985 Ag '61.

Nonstationary thermionic emission from nickel and tungsten in a vacuum E. I. Agishev, IU. I. Beliakov. Zhur. tekh fiz. 30 no. 2-223-226 F '60.

TUNGSTEN—ISOTOPES

Determination of the specific surface of clays and kaolins by means of radioactive tungsten [with summary in English] D. M Shakhtin, F. V. Leontovich. Koll zhur 23 no 4 495-498 Jl-Ag '61

TUNGSTEN-CHROMIUM-NICKEL ALLOYS see Chromium-nickel-tungsten alloys

TUNGSTEN NITRIDE CRYSTALS—GROWTH

Rhombohedral phase of tungsten nitride in thin films. V. I. Khitrova. Kristallografiia 6 no.4 549-552 Jl-Ag '61.

TUNGSTEN ORES—ANALYSIS

Selective solvents Report No 1 B S Khristoforov. Trudy Alt GMNII AN Kazakh SSR 11 147-152 '61.

TUNGSTEN-PALLADIUM ALLOYS see Palladium-tungsten alloys

TUNGSTEN-PLATINUM ALLOYS see Platinum-tungsten alloys

TUNGSTEN SULFIDE

Physical and chemical properties of WS_2 catalysts Report No 6 Porous structure and chemical composition on unmixed WS_2 catalyst S M Samoilov Izv AN SSSR Otd khim nauk no.8 1416-1426 Ag '61.

TUNGUS LANGUAGE

Problem of linguistic and sensorial generalizations; based on the names of colors in the Tungus language E. D. Liubimova. Izv APN no.113,62-71 '60

TUNGUSKA, PODKAMENNAYA see Podkamennaya Tunguska Valley

TUNING see subdivision under Moscow

TUNISIA—FOREIGN RELATIONS—FRANCE

Between two fires. Nov. vrem. 19 no.36 2-3 S '61.

TUNNEL LINING

New elements in subways construction. L. Saprykin Stroi i arkhit. 9 no. 9 26-27 Ag '61

TUNNELS—VENTILATION

Tunnel ventilation. E. D. Briener, A. G. Fedoriuk. Put' i put. khoz. 5 no. 7:43 Jl '61.

TURBINES

Adjustment of the operation of condensate level controllers. V. A. Frolov Energetik 9 no 4 7 Ap '61

Certain results of the modernization of the VK-50-1 LMZ turbine B. V. Shostakovich and others. Energomashinostroenie 7 no. 7:9-12 Jl '61.

Control system with a relay-type accelerator for condensing turbines at the Moscow Power Institute. S. G. Smel'nitskii, N. A. Chernyshev, V. P. Khripunov Teploenergetika 8 no. 4:19-25 Ap '61.

Decrease in the axial clearances in the blading of a medium-pressure turbine G. D. Bukhman Energetik 9 no. 4:11 Ap '61.

Design of turbine stages with long blades of varying shape. M. E. Deich, G. A. Filippov Teploenergetika 8 no. 9: 60-65 S '61.

Effect of the chord of the directing blades on the characteristics of a turbine stage. M. F. Fedorov, A. V. Garkusha. Teploenergetika 8 no 4:37-41 Ap '61

Effect of the pitch and angle of the guiding blades on the operation of a turbine stage A. M. Zavadovskii Teploenergetika 8 no. 4:28-30 Ap '61.

Heat-resistant steel for fastening components in electric power systems. L. IA. Liberman, M. N. Sokolova Teploenergetika 8 no. 5:28-34 My '61.

Redesigning of the collar of the hydraulic seal of the VR-25-2 turbine F. A. Lipinskii. Elek sta 32 no 6: 79 Je '61

Some new works of the Kirov Turbogenerator Plant in Kharkov M L Ivanova, N F. Nikolaevskii Energomashinostroenie 7 no 5.46 My '61

Study of the gas dynamics relative to long blades in static conditions. B. I Gerashchenko. Energomashinostroenie 7 no 5:20-22 My '61.

Study of the thermal field of the rotor of the VT-25-4 turbine at a steady temperature state N. M. Gorelkin. Energomashinostroenie 7 no. 5 28-32 My '61.

Temperature field of the casing of an electrically heated high-pressure turbine. B. L. Levchenko. Energomashinostroenie 7 no. 7:24-27 Jl '61.

Use of single-shaft and double-shaft turbines abroad. L. S. Popyrin. Teploenergetika 8 no. 5:91-93 My '61.

Use of the Simpson formula for calculating the geometric characteristics of the turbine blade profiles. R. A. Kelizon. Energomashinostroenie 7 no 5 10-12 My '61

TURBINES—SAFETY APPLIANCES

Stand for testing an automatic safety device. I. A. Sibilev. Energetik 9 no. 8:14-15 Ag '61.

TURBODRILLS

Barshai, G. S., and N. I. Bulanovskii. [Theory and practice of turbodrilling] Teoriia i praktika turbinnogo bureniia. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 413 p.

Study of the effect of the parameters of drilling fluids on the operation of a turbodrill R. V. Sadykhov Azerb. neft. khoz. 39 no 2 16-19 F '60

TURBOGENERATORS

Choice of a circuit for the excitation of large turbogenerators with direct cooling of the windings G. V Mikhnevich Elektroenergetika no 4 20- 27 '61

Concerning a crankless method using hydraulic lifts for installing generator stators with a weight up to 240 tons V. V. Bulgakov. Elek sta 32 no 6 39-42 Je '61

Concerning the supply of oil from the turbogenerator glands of a turbine control system Elek sta 32 no 6 95 Je '61

Determination of inductive supercontact resistances of turbogenerators N. L. Sakhnovskii Elek sta 32 no 8 84-85 Je '61

Ionic self-excitation of synchronous generators using a three-phase staggered circuit with a tuftor-type rectifier. Sh. I Lutidze, O. K. Maglaperidze Elektro energetika no 4:148-162 '61.

TURBOMACHINES

The KT complex turbotransmission. L. N. Molochnikov Biul tekh -ekon inform no 7,48-51 '61

Low-capacity air turboexpander with aerostatic bearings. V. M. Kulakov. [Trudy] MVTU no. 95:105-122 '60

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Technical specifications SN 153-61 for assembling steam-turbine plants, turbogenerators and turboblowers] Tekhnicheskie usloviia na montazh paroturbinnykh ustanovok, turbogeneratorov i turbovozdukhoduvok SN 153-61 Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 51 p.

TURBOMACHINES—VIBRATION

Grigor'ev, N. V. [Nonlinear vibrations of elements of machinery and structures] Nelineinye kolebaniia elementov mashin i sooruzhenii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 254 p.

TURBULENCE

Effect of a variable heat flow along the surface of a tube on heat exchange in turbulent flow [with summary in English]. G. S Ambrok Inzh fiz zhur. 4 no. 7:19-24 Jl '61

Effect of the temperature factor on subsonic turbulent gas flow. S. S. Kutateladze PMTF no 1 129-132 My-Je '60

Mechanism of turbulent mixing in gas flows [with summary in English]. L. A. Vulis, I. B. Palatnik Inzh -fiz. zhur. 4 no. 9:5-11 S '61

Turbulent convective jet above a heat source. I. A. Shepelev Izv. AN SSSR, Otd tekh nauk. Mekh. i mashinostr. no 4:3-9 Jl-Ag '61

TURGAY PLATEAU—AGRICULTURE

Firm roots. A. Efremov, F. Fedorovskii. Vokrug sveta no. 8:43-47 Ag '61.

TURGAY PLATEAU—DESCRIPTION AND TRAVEL

Firm roots. A. Efremov, F. Fedorovskii. Vokrug sveta no. 8:43-47 Ag '61.

TURGAY VALLEY—ENTOMOSTRACA

Ostracods and phyllopods from the effusive-sedimentary complex in Turgay Strait V. S. Zaspelova Trudy Lab geol ugl no 12 299-308 '61.

TURIN—EXHIBITIONS

Everything is magnificent because it is true. P. Chervinkov. Ogonek 39 no. 26:13 Je '61.

Soviet section at the international labor exhibition in Turin B. Farberova. Biul nauch. inform., trud i zar plata 4 no. 7.53-56 '61.

TURKESTAN—HISTORY

On the reactionary nature of the Jahangir's movement. V. S Kuznetsov. Izv. AN Kazakh SSR Ser. ist., arkheol i etn. no 1,70-81 '61.

TURKESTAN—SEPULCHRAL MONUMENTS

Archaeological excavations at the Hoca Ahmet Yasevi [mausoleum] complex in 1958 N. B. Nemtseva. Izv AN Kazakh. SSR Ser. ist., arkheol i etn. no 1:92-104 '61.

TURKEY—LAND TENURE

"Agrarian relations in present-day Turkey" by P. P. Moiseev. Reviewed by D. I. Vdovichenko. Vop ist. no. 9:157-159 S '61.

TURKEY—TECHNICAL ASSISTANCE, RUSSIAN

History of Soviet-Turkish economic cooperation Submitted by A. S. Chernetsov. Ist. arkh 7 no 4,44-50 Jl-Ag '61.

TURKIC LANGUAGES

"Turkic languages" by N. A. Baskakov. Reviewed by I. A Batmanov. Nar Azii i Afr. no 2:197-199 '61.

TURKIC LANGUAGES—SYNTAX

Akademiia nauk SSSR. Institut iazykoznaniia. [Comparative grammar of Turkic languages] Issledovaniia po sravnitel'noi grammatike tiurkskikh iazykov. Pod obshchei red. N. K. Dmitrieva, N. A. Baskakova, E. I. Ubriatovoi. Moskva,

Pt. 3. [Syntax] Sintaksis. 1961. 230 p.

TURKIC LANGUAGES—VERSIFICATION

Relationship between alliteration and rhyme in Turkic versification [with summary in English, p 211] A M Shcherbak Nau Azii i Afr no 2,142-153 '61

TURKMEN FOLKLORE see Folklore, Turkmen

TURKMEN LANGUAGE

"An Introduction to the Turkman language" [in English] by G K Dulling Reviewed by R.M.Lkhulatova. Nar Azii i Afr no 2 213-214 '61

TURKMEN LANGUAGE—SYLLABICATION

The structure of syllables in the present-day Russian language, as compared with the Turkmen language. E.N.Ershova. Izv. AN Turk.SSR.Ser.obshchestv. nauk no.3:79-87 '61.

TURKMEN LANGUAGE—TERMS AND PHRASES

Materials for studying the stockbreeding terms of the Turkmen language (continuation). Z.K.Mukhammedova. Izv.AN Turk.SSR.Ser.obshchestv.nauk no.3 50-78 '61.

TURKMEN LANGUAGE—WORDS

Terminology of animal husbandry in Turkmen. Z.B. Mukhammedova Izv AN Turk SSR Ser. obshchestv nauk no. 2 76-85 '61.

TURKMENISTAN—AGRICULTURE—LABOR PRODUCTIVITY

Cotton growing mechanization and its effect upon the increase of labor productivity on collective farms of Turkmenistan. D. N. Shapkin Izv AN Turk SSR Ser obshchestv nauk no. 2 52-63 '61

TURKMENISTAN—ANTIQUITIES

From the Parthian and early medieval Dakhistan history V. M. Masson Izv AN Turk. SSR. Ser. obshchestv nauk no. 2, 36-43 '61

TURKMENISTAN—ATHEISM

"Antiscientific nature of the Islam and problems concerning the atheistic education of workers in Soviet Turkmenistan" by Nedir Kuliev Reviewed by IU G Petrash Vop filos 15 no 9:163-165 '61

TURKMENISTAN—BONES—TUBERCULOSIS

Bone and joint tuberculosis in the Turkmen S. S. R. G. A. Amanov. Izv AN Turk SSR. Ser. biol. nauk no 1 64-69 '61

TURKMENISTAN—CITIES AND TOWNS, RUINED, EXTINCT, ETC.

March 11, 1160 in the history of the city of Bashan in present-day Mary Province. M.E.Masson. Izv.AN Turk.SSR.Ser.obshchestv.nauk no.3:31-36 '61.

TURKMENISTAN—COTTON-PICKING MACHINERY

Cotton growing mechanization and its effect upon the increase of labor productivity on collective farms of Turkmenistan D N. Shapkin Izv. AN Turk SSR Ser obshchestv. nauk no 2:52-63 '61

TURKMENISTAN—EDUCATION, HIGHER

There still are many unsolved problems before us B. Pal'vanova. Vest vys. shkoly 10 no. 8,42-44 Ag '61.

TURKMENISTAN—FUNGI

"Materials on the fungi of Turkmenistan" by E. N Koshkeleva. Reviewed by D N Bobaian. Izv AN Turk SSR. Ser. biol nauk no 1 78-79 '61

TURKMENISTAN—GEOLOGY

Ali-Zade, A. A. [Akchagyl stage in Turkmenistan] Akchagyl Turkmenistana. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr.
Vol. I. 1961. 299 p.

TURKMENISTAN—GEOLOGY, STRATIGRAPHIC

Correlation of cross sections of the producing formation of the Apsheron Peninsula and the red bed of western Turkmenia; follow-up to the article by G. I. Gorin. L. IA Shvarts. Azerb. neft. khoz. 39 no. 1 16-17 Ja '60.

Stages in the development of the Karagan Basin and the extent of the Karagan horizon. M. M. Sudo. Dokl. AN SSSR 139 no. 6,1442-1444 Ag '61.

TURKMENISTAN—HISTORICAL RESEARCH

A conference of the students of party history in Ashkhabad M. F. Anderson. Vop. ist. KPSS 5 no. 5 223-225 '61.

TURKMENISTAN—HISTORY

Akhal Oasis on the eve of its incorporation into Russia. D. Davletov. Izv. AN Turk. SSR. Ser. obshchestv. nauk no. 3:14-23 '61.

TURKMENISTAN—HISTORY—SOURCES

History of Turkmenistan and some adjacent countries in the first half of the 13th century. S. Khatibi. Izv. AN Turk. SSR. Ser. obshchestv. nauk no. 3:24-30 '61.

TURKMENISTAN—JOINTS—TUBERCULOSIS

Bone and joint tuberculosis in the Turkmen S. S. R G. A. Amanov. Izv. AN Turk. SSR. Ser. biol. nauk no. 1:64-69 '61.

TURKMENISTAN—LABOR AND LABORING CLASSES

Growing number of workers in Turkmenistan during its second and third five-year plans. D. M. Redzhebov. Izv. AN Turk. SSR. Ser. obshchestv. nauk no. 3, 3-13 '61.

TURKMENISTAN—MACHINERY INDUSTRY

A regional coordinating conference on the specialization and cooperation of the enterprises of the machinery industry in the Republics of Soviet Central Asia and Turkmenistan. Izv. AN Turk. SSR. Ser. obshchestv. nauk no. 3 98-99 '61.

TURKMENISTAN—MERMAIDS

"Su-kyzy" or mermaids in Turkmenistan. A. N. Samoilovich. Izv. AN Turk. SSR. Ser. obshchestv. nauk no. 3 91-95 '61.

TURKMENISTAN—MOLLUSKS

Ali-Zade, A. A. [Akchaghyl representatives of the genus] Akchagyl'skie predstaviteli roda Dreissensia. Baku, Azerbaidzhanskoe gos. izd-vo, 1961. 63 p.

TURKMENISTAN—PLANTS, EDIBLE—CHEMICAL ANALYSIS

Characteristics of the mineral composition of vegetable food products in the Turkmen S S R N. N Grigor'iants, T A. Sokolova, S G IAgodinskaia Izv AN Turk SSR. Ser biol nauk no 1 49-53 '61

TURKMENISTAN—RECLAMATION OF LAND

Reclamation of deserts in Turkmenistan. V. N. Kunin. priroda 50 no. 9 81-88 S '61.

TURKMENISTAN—SEED PRODUCTION

Time of seed ripening in some trees and shrubs at the botanical garden of Turkmenistan. L. I Sokolova. Izv AN Turk. SSR Ser biol. nauk no 1 89-91 '61

TURKMENISTAN—STOCK AND STOCKBREEDING—TERMINOLOGY

Terminology of animal husbandry in Turkmen Z. B. Mukhammedova Izv. AN Turk. SSR. Ser obshchestv. nauk no. 2 76-85 '61.

TURNING

Analysis of cutting forces in turning malleable cast iron I. B Filipchenko Vest. mash. 41 no 8 64-67 Ag '61.

Development of student thinking along technological lines B. Obshadko Prof.-tekh. obr 18 no 5:10-13 My '61

TURNING—AUDIO-VISUAL AIDS

Visual aids for metal turning. M. Libkind. Prof.-tekh. obr. 18 no. 5:14 My '61.

TURNOVER TAX see Sales tax

TUR'YA VALLEY—UKRAINIAN LANGUAGE—DIALECTS

Noun formation in the dialects of the Tur'ya River Valley in Transcarpathia V. I. Dobosh. Dop ta pov. Uzhdu Ser filol. no 2:76-80 '58

TUYMAZY—PETROLEUM INDUSTRY

Wings of friendship. I. Kaplan. Sov. profsoiuzy no. 17: 18-20 S '61

TVER GOVERNMENT—PEASANTRY

Development of the alliance of workers and peasants on the eve of the First Russian Revolution V V. Malinovskii Shor. trud Arkh gos ped. inst no 3 17-35 '59

TVERTSA RIVER—HYDROLOGY

Leningrad. Gosudarstvennyi gidrologicheskii institut. [Investigation of unsteady flow of water in the Tvertsa and Orodezh Rivers] Issledovaniia neustanovivshegosia dvizheniia vody na rekakh Tvertse i Orodezh. Pod red. N. E. Kondrat'eva i V. A. Uryvaeva. Leningrad, Gidrometeor. izd-vo, 1961. 207 p. 6 charts (in pocket)

TWILIGHT

Absolute photometry of the twilight sky and noctilucent clouds. I. A. Parshin. Issl. ser. obl. no. 1:77-84 '60.

TWIST DRILLS

Distribution of temperature along cutting edges of high-speed drills. D. V. Kozhevnikov Stan i instr 32 no. 8:20-21 Ag '61.

TWO BODIES, PROBLEM OF see Problem of two bodies

TYPE AND TYPE FOUNDING

Plastic type. S. I. Shaposhnikov. Zbor. nauch. rab. VNIIPPIT no 9,3-27 '58,

TYPESETTING

Device for cleaning matrices. A. Mukhin. Poligr. proizv. no. 6:24 Je '61.

Organization of work in a typesetting shop. S. R. Tas'man, G. N. Moiseev. Poligr. proizv. no. 6:21-22 Je '61.

TYPESETTING MACHINES

Shul'meister, M. V. [Monotype; arrangement and operation of typecasting composing machines in two volumes] Monotip; ustroistvo i eksploatatiia bukvootlivnykh nabornykh mashin v dvukh knigakh. Moskva, Gos. izd-vo izd-vo "Iskusstvo,"
Book. 1. [Design of composing punching machines] Konstruktsiia naborno-perforirulushchei mashiny. 1961. 304 p.

——— ——— ———. Shul'meister, M. V., and M. D. Brilliant, comps. [List of specifications of parts of composing-punching machines] Spetsifikatsiia-ukazatel' detalei naborno-perforirulushchikh mashin. 72 p.

Typesetting machines for eastern languages. S. Sh. Pecherskii. Poligr. proizv. no. 6:20-21 Je '61.

TYPHOID FEVER

Development of a method for aerosol immunization against typhoid fever and dysentery. N I Aleksandrov and others Voen.-med. zhur no 5 54-59 My '61.

TYUMEN'—RESTAURANTS, LUNCHROOMS, ETC.

Something new in old Tyumen'. D. Dimov. Obshchestv. pit. no. 7:10 Jl '61.

UDDER

Coordination of the lactating activity of individual quarters of the udder in cows. F. P. Kokorina Fiziol zhur 47 no 8:1031-1032 Ag '61.

UDI—ANTIQUITIES

Late Bronze Epoch treasure from the Udi village, southern Georgia. TS. N. Abesadze, P. A Bakhtadze, T A Dvali. Sov arkheol 5 no 3 166-177 '61

UDE—BRONZE AGE

Late Bronze Epoch treasure from the Udi village, southern Georgia. TS. N. Abesadze, P. A Bakhtadze, T A Dvali. Sov. arkheol. 5 no 3:166-177 '61

UDMURT A. S. S. R.—FIRES AND FIRE PREVENTION

With joined forces. A. Kniazev. Pozh. delo 7 no 8:4-5 Ag '61

UDMURT A. S. S. R.—POLITICS AND GOVERNMENT

Against the law. V Simel'nikov. Sov. deput. trud. no. 9: 88-89 S '61

UFA—EVENING AND CONTINUATION SCHOOLS

Taking into consideration the interests of industry. K. Sviridov. Prof.-tekh. obr. 18 no 5:0 My '61

UFA—MEDICAL JURISPRUDENCE

Work of the Ufa Society of Pathoanatomists and Legal Medical Experts for 1957-1958. Arkh pat 21 no 9: 84-85 '59

UFA—PATHOANATOMICAL SOCIETIES

Work of the Ufa Society of Pathoanatomists and Legal Medical Experts for 1957-1958 Arkh pat. 21 no 9, 83-85 '59

UFA—TRANSPORTATION, AUTOMOTIVE

Centralization of automotive transportation operations. I. M. Kaplan. Stroi. truboprovod. 6 no. 8:13-14 Ag '61.

UGAM VALLEY—ICELAND SPAR

Iceland spar of the Ugam deposits V. S. Polykovskii Trudy Uz. geol. upr. no 1 92-102 '60.

UGAM VALLEY—ICELAND SPAR CRYSTALS

Some results in microthermometric studies of Iceland spar crystals from the Ugam River. V. S. Polykovskii, A. E. Malikov. Trudy Uz. geol. upr. no. 1 102-104 '60

UIGUR POETRY—HISTORY AND CRITICISM

Uigur classical verse and contemporary poetry. M Khamraev. Izv. AN Kazakh. SSR. Ser. filol. i fak no. 2 53-57 '61

UIGURS see subdivision under Semirech'ye

UKHTA DISTRICT—UNDERWATER PIPELINES

Building an underwater crossing in the Far North. V. A. Konovalov, V. I. Ivanov. Stroi truboprovod 6 no. 8: 12-13 Ag '61.

UKHTA REGION (KOMI A. S. S. R.)—PETROLEUM INDUSTRY—MANAGEMENT

New working conditions at the Ukhta Combine. E Viktorovich. Neftianik 5 no. 8:26-27 Ag '60.

UKRAINE—AGRICULTURAL EDUCATION

Systematic supply of collective-farm production with trained force. K. E. Rozvadovskii. Nauch. zap. Kiev. fin.-ekon. inst. no. 9:227-243 '59.

UKRAINE—AGRICULTURAL RESEARCH

Session of the General Meeting of the Ukrainian Academy of Agricultural Sciences. Visnyk sil'hosp. nauky 3 no 4:10-11 Ap '60.

UKRAINE—AGRICULTURAL WAGES

Progressive forms of wages. A. IA. Radchenko. Nauka i zhyttia 10 no. 3,34-36 Mr '60.

UKRAINE—AGRICULTURE

Demydiuk, F. H. [Let's carry out the decisions of the January 1961 plenary sessions of the Central Committees of the CPSU and the Communist Party of the Ukraine in an exemplary fashion] Zrazkovo vykonaiemo rishennia sichnevykh Plenumiv TsK KPRS i TsK KP Ukrainy 1961 r. Kyiv, 1961. 43 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 5, no. 5)

How the Communist Party has ensured the development of Ukrainian agriculture, from 1958 to 1961. IE. P. Talan. Ukr. ist. zhur. 5 no. 5:39-48 S-O '61.

Patriotic pledges. L. V. Andrilenko. Nauka i zhyttia 11 no 7:23-26 Jl '61.

Ukrainian agriculture in Lenin's path. O. P. Kanieva'kyi. Visnyk sil'hosp. nauky 3 no. 4:3-9 Ap '60.

UKRAINE—AGRICULTURE—EXPERIMENTATION

Connection between students' research and agriculture I I Dryga Rad. shk 10 no 7 47-56 Jl '61

How to plan the students' research V M Evminov Rad shk 40 no 6 36 Je '61

UKRAINE—AGRICULTURE—STUDY AND TEACHING

Let's come closer to the practical tasks of schools M F Boiko Rad shk 40 no 6 39 Je '61

Tasks of rural schools in the light of the decisions of the January Plenums of the Central Committee of the CPSU and the Central Committee of the Communist Party of the Ukraine I. K Bilodid Rad shk 40 no 6 3-16 Je '61

Work training needs qualified supervision V M Pavkhomenko Rad shk 40 no 6 40 Je '61

UKRAINE—ALGAE

The alga Dunaliella salina Teod. as a source of β-carotene [with summary in English] I H Drokova. Ukr. bot. zhur 18 no 4 110-112 '61

UKRAINE—ANTIQUITIES

Excavations of a new Neolithic necropolis in the Ukraine. D. IA. Telehin Ukr. ist zhur. 5 no 5:171-172 S-O '61.

UKRAINE—ARCHIVES

A conference of Ukrainian historians and archivists V. S Skoryna. Ukr. ist zhur 5 no. 5:166-167 S-O '61.

UKRAINE—ART—BIBLIOGRAPHY

Preparation and publication of the "History of the Ukrainian art " Dop AN URSR no 7 974 '61

UKRAINE—BIBLIOGRAPHY

[New books of the Ukrainian S. S. R.] Novi knyhy URSR nos. 15-18 Ag-S '61.

UKRAINE—BIRDS—BEHAVIOR

Early fall is migration time for birds V. Volodin. Doshk. vykh. 22 no. 9-31 S '61.

UKRAINE—BOARDING SCHOOLS

Boarding schools and agriculture V. M Dmytrenko Rad shk 40 no 7 14-21 Jl '61

Make way for new features in the work of boarding schools M P Kollada Rad. shk 40 no 7 12-13 Jl '61

More attention to boarding schools I K. Bilodid Rad shk 40 no 7 3-9 Jl '61.

UKRAINE—BRIQUETS (FUEL)

Spirited work. D. Fedorenko. Sov. shakht. 10 no. 9-26-27 S '61.

UKRAINE—BUILDING MATERIALS

Principal tasks in the development of a construction industry base and a building materials industry in the Ukrainian S S R in the third year of the seven-year plan [with summary in English, p. 70] M G Lelichenko Visnyk ABiA URSR no 2:41-45 '61

UKRAINE—CABLES

Thus a cable is born. T. S Sytnykov. Znan. ta pratsia no. 8 8-9 Ag '61.

UKRAINE—CITY PLANNING

Developing the drafts of general city plans I. Persikov. Stroi i arkhit. 9 no. 8-11 Ag '61.

UKRAINE—CLIMATE

Buchyns'kyi, I. O. [Climate of the Ukraine] Klimat Ukrainy. Kyiv, 1961. 46 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 6, no. 9)

Some characteristics of climatic variations in the ' Buchinskii. Trudy UkrNIGMI no. 23

[illegible] rdonnyi, Ogonek

[illegible] I. IU, Braichevs'kyi. [illegible]ist zhur 5 no. 5:150-

[illegible] a report in pictures, [illegible] '61

[illegible] NTERFARM CO-

[illegible] eed a uniform [illegible]chet i fin. v kolkhoz [illegible].

[illegible] OFFICIALS AND

[illegible] n production with [illegible]. Nauch. zap. Kiev. [illegible],

[illegible]

[illegible] itical information; study groups of politi- [illegible]pin. Komm. Ukr. 37

UKRAINE—COMMUNIST PARTY OF THE SOVIET UNION—CONGRESSES

Kommunisticheskaia partiia Ukrainy. 20 s"ezd, Kyiv, 1959. [The 20th Extraordinary Congress of the Communist Party of the Ukraine, January 16-17, 1959] Pozacherhovyi XX z'izd Komunistychnoi partii Ukrainy, 16-17 sichnia 1959 roku, materialy. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1959. 151 p.

UKRAINE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Efforts of Ukrainian party organizations to carry out the decisions of the 21st Congress of the CPSU. I V. Shul'ha, V. I. IUrchuk. Ukr ist zhur. 5 no 5:11-20 S-O '61.

Struggle of the Communist Party (Bolshevik) for its unity and contact with the masses during the New Economic Policy, 1921-1922 A. D. Zalevskii Nauch zap Kiev. fin -ekon inst no. 9:257-269 '59

UKRAINE—COMMUNIST YOUTH LEAGUE

Haiduchok, H. A., and V. Postavnyi. [To work peacefully once more, 1945-1953] Znovu, myrna pratsia, 1945-1953 rr. Kyiv, Molod', 1960. 95 p. (Narysy z istorii leninskoho komsomolu Ukrainy)
(MH)

Nikolaienko, I. [Ready to work and fight, 1937-1941] Na trud i na podvyh, 1937-1941 rr. Kyiv, Molod'., 1960. 69 p. illus. (Narysy z istorii leninskoho komsomolu Ukrainy)
(MH)

October 29th is the birthday of the Communist Youth League. Znan. ta pratsia no. 10, 8 O '61.

UKRAINE—COMMUNITY AND SCHOOL

Contacts with schools A. Bass, M Kosokina. Doshk. vykh. 22 no 9 14-16 S '61.

UKRAINE—CONSTRUCTION INDUSTRY

Builder's Day Stroi i arkhit 9 no 8-1-2 Ag '61

In the Office of State Construction of the Ukrainian S. S. R. Biul. stroi tekh. 18 no 8, 27-28 Ag '61

In the Presidium of the Ukrainian Academy of Construction and Architecture Visnyk ABiA URSR no 2-68 '61

Principal results of the research activity of the Ukrainian Academy of Construction and Architecture in 1960 [with summary in English, p 70] I M Litvinov Visnyk ABiA URSR no 2;3-10 '61

UKRAINE—CONSTRUCTION INDUSTRY—CONGRESSES

Planning organizations of the Office of State Construction of the Ukrainian S S. R strive for technical progress. Stroi i arkhit 9 no 7, 39-40 Jl '61

UKRAINE—CONSTRUCTION INDUSTRY—LABOR PRODUCTIVITY

Potentials for a growth in labor productivity in the construction of chemical enterprises in the Ukrainian S S R. S Reznikov Ekon. stroi no 8:33-37 Ag '61

UKRAINE—CONSTRUCTION INDUSTRY—MANAGEMENT

New organizational forms of the management of Ukrainian industrial enterprises and building projects. H. A. Korvlakov. Ukr. ist. zhur 5 no. 5:29-36 S-O '61

UKRAINE—COPPER AGE

Correlation and relations between the culture of funnel-shaped vessels and the Tripol'ye culture. IU N. Zakharuk Mat i dosl. z arkheol. Prikarp. i Vol no. 2 54-72 '59.

UKRAINE—CORN (MAIZE)

Changes in the chemical composition of corn plants at various developmental stages under conditions prevailing in the Ukraine. O. S. Musiiko, P. F. Kliuchko, N. O. Soloviova. Visnyk sil'hosp. nauky 3 no. 4:22-27 Ap '60.

Hard workers will triumph! Znan. ta pratsia no. 8-7 Ag '61.

UKRAINE—CORRESPONDENCE SCHOOLS AND COURSES

We have discovered efficient ways for the development of correspondence schools. A D Skaba Vest vys. shkoly 19 no 8:19-21 Ag '61.

UKRAINE—COSTUME

Kul'chyts'ka, O. L. [Folk costumes of the western provinces of the Ukrainian S. S. R.] Narodnyi odiah zakhidnykh oblastei URSR. Kyiv, Vyd-vo Akad. nauk URSR, 1959. 1 v. col. plates.
(NN)

UKRAINE—ECONOMIC CONDITIONS

Efforts of Ukrainian party organizations to carry out the decisions of the 21st Congress of the CPSU I. V. Shul'ha, V. I. Urchuk. Ukr. ist. zhur. 5 no. 5:11-20 S-O '61.

Holian-Nikol's'kyi, A. IU. [Technology under communism] Tekhnika komunizmu. Kyiv, 1961. 39 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 10, no. 2)

Important results and great tasks. Nauka i zhyttia 10 no. 3, 1-3 Mr '60.

UKRAINE—EDUCATION, COOPERATIVE

January Plenum of the Central Committee of the CPSU and the tasks of pedagogical science. O. M. Rus'ko, V. I. Chepelov Rad. shk. 40 no. 6:44-51 Je '61.

Organizational forms of the material and technical base of production instruction I M IAkovlev Rad shk. 40 no 7 31-39 Jl '61.

UKRAINE—EDUCATION, COOPERATIVE—CONGRESSES

Brief news from the conference. Rad shk. 40 no 6 10-13 Je '61

UKRAINE—EDUCATION, ELEMENTARY

Diaries for first and second grade students. T. E Przhevalins'ka Rad shk 10 no 7 93-94 Jl '61

UKRAINE—EDUCATION, PRESCHOOL

Contacts with schools. A. Bass, M. Kosokina. Doshk. vykh. 22 no. 9-14-16 S '61

Continuity between the work of kindergarten and school. M Novak. Doshk vykh 22 no. 9 13-14 S '61.

Development of independence and initiative in children during the period of their preparation for school. K. Lokhmatova. Doshk vykh. 22 no. 9:17-19 S '61.

Let's multiply the successes of public preschool education. Doshk. vykh. 22 no. 9-5-6 S '61.

Pedagogical readings. N. Shliakhova, L. Syiats'ka. Doshk vykh. 22 no. 9 46-47 S '61.

Results of public inspection of the work of preschool institutions on the collective farms of the Republic. Doshk. vykh. 22 no. 9-13-46 S '61

UKRAINE—EDUCATION, RURAL

Tasks of rural schools in the light of the decisions of the January Plenums of the Central Committee of the CPSU and the Central Committee of the Communist Party of the Ukraine I. K Bilodid Rad. shk 40 no 6 3-16 Je '61

UKRAINE—EDUCATIONAL PSYCHOLOGY

Forming organizational skills and capabilities in upperclassmen S V Kondrat'eva. Rad shk 40 no. 7-40-46 Jl '61

UKRAINE—EFFICIENCY, INDUSTRIAL

Growing initiative of Ukrainian workers during socialist offensive on the wide front. M. I. Horiach Ukr. ist zhur. 5 no. 5-65-78 S-O '61.

History of the movement of the brigades and shock workers of communist labor in the Ukraine. Submitted by Z. M. Hromova, N. L. Barhlezov Ukr. ist. zhur. 5 no. 5-123-131 S-O '61.

UKRAINE—ELECTRIC WELDING

With masters of the blue flame. S. Gerasimov. Znan. ta pratsia no. 9, 6-7 S '61.

UKRAINE—ELECTRIFICATION

[Electrification of the Ukraine] Elektryfikatsiia Ukrainy. Derzh. vyd-vo tekhnichnoi lit-ry URSR, 1960. 274 p. (Do dekady ukrains'koi literatury ta mystetstva v Moskvi)

UKRAINE—EROSION

Conference on measures for controlling erosion and increasing the fertility of eroded soils in the Ukrainian S S R M I Dolbilevych Visnyk sil'hosp nauky 3 no 4 93-94 Ap '60

UKRAINE—FACTORIES—DESIGN AND CONSTRUCTION

Experimental design of industrial buildings [with summary in English, p 70] O IA. Korkhot. Visnyk ABiA URSR no 2, 18-26 '61.

Gigantic girder. G. Diatlina, L. Sheludko. Znan. ta pratsia no. 10-23 O '61.

UKRAINE—FARM MECHANIZATION

To the new frontiers. L. V. Andrilenko. Naukn i zhyttia 10 no. 3:30-33 Mr '60.

You can visit it. L. Novak. Znan. ta pratsia no. 10:23 O '61.

UKRAINE—FARM MECHANIZATION—STUDY AND TEACHING

We are training machine operators with a wide range of professional qualifications. B. I Agafonov. Rad. shk. 40 no 6 52-58 Je '61

UKRAINE—FOOD

"Vareniki [filled dumplings] day. " M Egorova. Obshchestv pit. no. 6:21 Je '61.

UKRAINE—FORAMINIFERA, FOSSIL

The new late Tortonian genus Podolia (Miliolidae) from the western Ukraine. M. IA. Serova. Paleont. zhur. no 1:56-60 '61.

UKRAINE—FOREST REPRODUCTION

Natural reproduction by seeds in trees and shrubs of cultivated forests in the steppe zone of the Ukraine [with summary in English]. N. P. Akimova. Ukr. bot. zhur 18 no. 4-68-73 '61.

UKRAINE—FRUIT CULTURE

Chukhno, D. F. [Economic aspects of fruit growing] Ekonomika sadovodstva. Kiev, Gos. izd-vo sel'khoz. lit-ry USSR, 1961. 242 p.

UKRAINE—FRUIT TRADE—FINANCE

Kabanets, M. N. [Profitableness and hidden potentialities for increasing it in the fruit and vegetable trade] Rentabel'nost' torgovli plodami i ovoshchami, i rezervy ee povyshenila. Moskva, Gos. izd-vo torg. lit-ry, 1961. 76 p.

AINE—GEOGRAPHY

eography of the Ukrainian S. S. R. ; textbook for the 8th rade of the eight-year school" by A. T. Dibrova Reiewed by M. V. Lapko Geog v shkole 24 no 5, 88-89 -O '61.

AINE—HEATING

oosing lightweight outer walls and heating systems r apartment houses [with summary in English, p 70] B Derbtiar, IA D Peker Visnyk ABiA URSR no 2 -57 '61

AINE—HELICOPTERS

chenko, D. T. [Helicopters in the national economy] rtol'oty v narodnomu hospodarstvi. Kyiv, 1961. p. (Tovarystvo dlia poshyrennia politychnykh i ukovykh znan' Ukrains'koi RSR. Ser. 7, no. 3)

AINE—HISTORY

rzhil, I. O., ed. [Reader on the history of the kraintan S. S. R., from the late 1850's to February 917] Knyha dlia chytannia z istorii Ukrains'koi RSR, kintsia 50-kh rokiv XIX st. do liutoho 1917 roku. Kyiv] Der/h.uchbovo-pedagog. vyd-vo "Radians'ka kola," 1961. 414 p.

eader on the history of the Ukrainian S. S. R." Part 1, eviewed by V. I. Samoilenko, Ukr. ist. zhur 5 no 5: 2-143 S-O '61.

dying the theme "The Ukraine in the 14th and 15th cenries" during the elementary course. "The history the U. S. S. R. and the Ukrainian S. S. R " in the eventh grade of eight-year schools. M. M Lysenko kr. ist. zhur. 5 no. 5:101-105 S-O '61

rgin lands in flames" [in Polish] by Zbigniew Wójcik, eviewed by O. M. Apanovych Ukr ist. zhur 5 no 5: 5-147 S-O '61.

AINE—HISTORY—BIBLIOGRAPHY

raintan studies on the history of Soviet society after e 21st Congress of the CPSU. M K Koval' Ukr ist ur. 5 no. 5, 132-136 S-O '61

AINE—ICE

ect of relief characteristics on the distribution of azed frost deposits A N Raevskii Trudy GGO 122 75-80 '61

ontal glazed frost in the Ukraine. V A. Volevakha. udy UkrNIGMI no 25 3-15 '61.

INE—INDUSTRIAL MANAGEMENT

v organizational forms of the management of Ukrainan industrial enterprises and building projects. H. A. orvlakov. Ukr. ist. zhur. 5 no. 5:29-38 S-O '61

INE—INSURANCE, AGRICULTURAL

fill quarterly plans consistently. I. Popel'nukh. Fin. SR 22 no 8 65-67 Ag '61

INE—INTELLECTUAL LIFE

s of our splendid future. M. Ryl's'kyi. Komm. Ukr no. 9 60-61 S '61.

INE—IRRIGATION

make the soil give a generous yield. M. K Krups'kyi. uka i zhytta 11 no. 7:30-31 Jl '61

INE—JOURNALISM, LABOR

ty guidance of the work of Ukrainian worker and nsant reporters, from 1953 to 1961. I. I. Ostroverkhyi. i. ist zhur. 5 no. 5:49-59 S-O '61.

INE—KINDERGARTEN

isements in kindergarten. R. Branzburg and others. shk. vykh. 22 no. 9:20-25 S '61.

paring children of the older group for school. A. Rub. Doshk. vykh. 22 no. 9:9-12 S '61.

INE—LABOR AND LABORING CLASSES—EDUCATION

ge-scale training of skilled labor in the industry of Ukrainian S. S. R. during the second five-year plan. I. Kuts. Nauch zap. Kiev. fin. -ekon inst. no. 9:110- '59.

INE—LABOR PRODUCTIVITY

wth of labor productivity in the enterprises of local te industry of the Ukrainian S. S. R. during the e-year plan. K. P. Nezhdanova Nauch zap. Kiev. -ekon. inst. no. 9:48-60 '59.

NE—LABOR SUPPLY

ge-scale training of skilled labor in the industry of Ukrainian S. S. R. during the second five-year plan. I. Kuts. Nauch zap. Kiev. fin. -ekon. inst no 9:110- '59.

INE—MACHINE ACCOUNTING

hanizing the administrative work. S. Ivanchenko, Kashpur, V. Shestakov. Sots. trud 6 no 8:66-68 '61.

INE—MACHINERY INDUSTRY

he new technological basis. S. I. Kharahorbilev, R. Abramovych. Nauka i zhyttia 10 no. 3:18-20 Mr

NE—MANUFACTURES

yth of the production of consumers goods in the local le industry of the Ukrainian S. S. R. during the fiver plan. K. P. Nezhdanova. Nauch. zap Kiev fin n. inst. no. 9:100-108 '59

UKRAINE—MINING RESEARCH

Organization of new sections and laboratories at the Institute of Ferrous Metallurgy of the Academy of Sciences of the Ukrainian S. S R Dop. AN URSR no. 7 974 '61.

UKRAINE—MOTHS

Heather moth (Procris piuni Schiff.) as an oak pest in steppe forests of the Ukraine [with summary in English]. L. G. Apostolov. Zool. zhur. 40 no. 8 1254-1257 Ag '61.

UKRAINE—NATIONAL PARKS AND RESERVES

Journey across our homeland ("Touring the reserves of the Ukraine." Reviewed by V. Stepovyi). Znan ta pratsia no 7:22 Jl '61.

UKRAINE—NATURAL RESOURCES

Approval of the plan for research and coordinative work of the Council for the Study of the Productive Capacities of the Ukrainian S S R in 1961 Dop AN URSR no 7 970-971 '61

UKRAINE—NATURE

July V. Parkhomenko. Nauka i zhyttia 11 no. 7:50-51 Jl '61

UKRAINE—PEASANTRY

Peasants' movement in the right bank of the Ukraine during the reaction period, 1907-1910 P. P. Telichuk Nauch. zap. Kiev fin. -ekon inst no. 9:270-289 '59.

UKRAINE—POLITICS AND GOVERNMENT

Bosyi, Volodymyr. [Viacheslav Lypyns'kyi, ideologist of the Ukrainian labor monarchy] V'iacheslav Lypyns'kyi - ideolog ukrains'koi trudovoi monarkhii. Toronto, Canadian mosaic publisher, 1951. 160 p. (Ukrains'kyi naukovyi instytut im. V. Lypyns'koho. Vyd. no. 2) (InU)

UKRAINE—PRINTING—HISTORY

Kahanov, I. IA. [The Ukrainian book at the end of the 16th and during the 17th century; sketches from the history of books] Ukrains'ka knyha kintsia XVI-XVII stolit'; narysy z istorii knyhy. Kharkiv, Vyd-vo Knyzhkovoi palaty URSR, 959. 143 p. (MH)

UKRAINE—RADIO CLUBS

With the hands of the radio amateurs. P M Burdol'. Nauka i zhyttia. 11 no 7:46-47 Jl '61.

UKRAINE—RAIN AND RAINFALL

Conditions causing the fall of considerable amounts of precipitation associated with the eastward movement of fronts during the warm part of the year in the Ukraine V. M. Sedletskii. Trudy UkrNIGMI no. 25 24-30 '61

Fundamental characteristics of extremely heavy rainfalls in the Ukraine. V N. Babichenko. Trudy UkrNIGMI no. 23, 39-48 '61.

UKRAINE—RELATIONS (GENERAL) WITH BULGARIA

Eagle over the Danube. S. Sokil'anskii. Sov. Ukr. 11 no. 9 186-187 S '61.

UKRAINE—RELATIONS (GENERAL) WITH MOLDAVIA

May you flourish, Moldavia! I. Kravets'. Sots kul't. no. 8 12-14 Ag '61.

UKRAINE—RELATIONS (GENERAL) WITH POLAND

An important form of cooperation between the Ukrainian and Polish peoples. I. F. Ilyvisiev. Ukr ist. zhur. 5 no. 5:87-96 S-O '61.

UKRAINE—RETAIL TRADE—FINANCE

Ways of reducing marketing costs and increasing incomes in trade. M. Kabanets. Fin SSSR 22 no 8 44-49 Ag '61

UKRAINE—REVOLUTION, 1917-1921—SONGS AND MUSIC

The Ukrainian folk epic during the period of civil war. M. M. Plisets'kyi. Dop. ta pov. UzhDU. Ser. filol. no 2: 6-9 '58.

UKRAINE—RURAL LIBRARIES

Patriotic initiative. M. Spivak. Sots kul't. no. 8 34-35 Ag '61.

UKRAINE—SAVINGS BANKS

Following the example of Rostov bank employees. A. Bilenko. Fin. SSSR 22 no. 8 56-58 Ag '61.

UKRAINE—SCIENTIFIC SOCIETIES

Fifth plenum of the administration of the Society for Dissemination of Political and Scientific Knowledge. Nauka i zhyttia 10 no. 3:4 Mr '60.

UKRAINE—SERVICE INDUSTRIES

Role of local industries in organizing service industries for the population; based on the materials of the Ukrainian S. S. R. E. V. Dolgopolov. Nauch. zap. Kiev. fin. -ekon. inst. no. 9:89-99 '59.

UKRAINE—SOIL RESEARCH

To make the soil give a generous yield. M. K. Krupa'kyi. Nauka i zhyttia 11 no. 7, 30-31 Jl '61.

UKRAINE—STATE FARMS

First steps in state farm development in the Ukraine, 1919-1920 N. F. Dereviashkin. Trudy KHSKHI 25:117-143 '60.

UKRAINE—STONE AGE

Statistical method for studying the paleolith and mesolith. A. P. Chernysh. Mat i dosl z arkheol Prikarp i Vol. no 2 29-39 '59

UKRAINE—SUGAR INDUSTRY

Industrial revolution in the sugar industry of the Ukraine. M. V. Prozhogin. Nauch zap. Kiev fin -ekon inst. no. 9:290-299 '59.

UKRAINE—TEACHERS

They struggle for the high quality of work. Doshk. vykh. 22 no 9:7-8 S '61.

UKRAINE—TEACHERS, TRAINING OF

Work training needs qualified supervision V M Parkhomenko Rad shk 40 no 6 40 Je '61.

UKRAINE—TECHNICAL EDUCATION

History of the organization of Ukrainian higher technical schools which combine academic instruction with practical work. A. D. Rudol. Ukr ist. zhur. 5 no 5: 60-65 S-O '61

UKRAINE—TECHNOLOGICAL INNOVATIONS

Across our homeland. Znan. ta pratsia no. 8:7 Ag '61.

Four hundred and seven thousand of them. M Fedorov. Nauka i zhyttia 11 no 7:49 Jl '61

Gifts from the Communist Youth League. Znan. ta pratsia no. 8:1 Ag '61.

Ukraine exhibits. A. Smiriagina. Nauka i zhizn' 28 no. 7:27-29 Jl '61.

UKRAINE—TECHNOLOGY

Holian-Nikol's'kyi, A. IU. [Technology under communism] Tekhnika komunizmu. Kyiv, 1961. 39 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 10, no. 2)

UKRAINE—TELEVISION—TECHNOLOGICAL INNOVATIONS

In the television broadcasting stations of the Ukrainian S. S. R. Tekh kino i telev. 5 no. 8 67-68 Ag '61

UKRAINE—TRADE UNIONS

Present-day objectives of trade unions V. Klimenko Komm Ukr. 37 no 9 36-42 S '61

UKRAINE—VEGETABLE TRADE—FINANCE

Kabanets, M. N. [Profitableness and hidden potentialities for increasing it in the fruit and vegetable trade] Rentabel'nost' torgovli plodami i ovoshchami i rezervy ee povyshenila. Moskva, Gos. izd-vo torg. lit-ry, 1961. 76 p.

UKRAINE—WAREHOUSES

Development of storage arrangements in the Ukraine. IA. Kaminskii, V. Polunov. Sov. torg. 34 no. 8:47-50 Ag '61

UKRAINE—WHEAT—VARIETIES

Technological properties of promising Ukrainian wheat varieties P G Demidov and others Izv vys ucheb zav., pishch tekh no 4 13-17 '61.

UKRAINE—WORLD WAR, 1939-1945

Remembering the past. F Malykhin. Tyl i snab. Sov Voor Sil 21 no 6 15-21 Je '61.

UKRAINE, WESTERN—AUTHORS

"Revolutionary work of West-Ukrainian-writers; collected documents." Reviewed by S. A. Shelud'ko Ist. arkh. 7 no 4:236-230 Jl-Ag '61.

UKRAINE, WESTERN—EDUCATION

"Public education in the western provinces of the Ukrainian S. S R." by M. M. Gryshchenko. Reviewed by S. Kh. Chavdarov, P. B Semko, M. M. Shapoval Rad. shk. 40 no. 7:90-9[illegible]

UKRAINE, '

Archaeo

UKRAINIAN LANGUAGE—DIALECTS
(see also subdivision under Borzhava Valley; Rovno Province; Transcarpathia, Tur'ya Valley; Uzhgorod District, Vinogradov District)

Some characteristics of the vowel systems of transitional dialects of the Ukrainian and White Russian language Z. H. Nikolaienko Dop. ta pov. UzhDU, Ser. filol no 2 103-104 '58.

Studies on Ukrainian dialects undertaken during the years of Soviet rule S. P. Bevzenko. Dop ta pov UzhDU Ser. filol. no. 2:39-42 '58

UKRAINIAN LANGUAGE—FOREIGN WORDS AND PHRASES

Some lexical characteristics of the Khust dialects V. I. Oros. Dop ta pov UzhDU Ser filol no 2:74-77 '58

UKRAINIAN LANGUAGE—HISTORY

Studies on the history of the Ukrainian language undertaken during the last forty years S P Bevzenko Dop. ta pov. UzhDU, Ser filol no 2 35-38 '58

UKRAINIAN LANGUAGE—INTERJECTIONS

History of the interjection in the Ukrainian language. S. P. Bevzenko Dop ta pov UzhDU, Ser filol no 2 51-52 '58.

UKRAINIAN LANGUAGE—MOOD

Conditional and imperative moods of verbs in dialects of the Uzhgorod District P P. Chuchka Dop ta pov UzhDU, Ser. filol. no 2 99-100 '58

UKRAINIAN LANGUAGE—NOUN

Noun formation in the dialects of the Tur'ya River Valley in Transcarpathia. V. I. Dobosh Dop ta pov UzhDU Ser. filol no 2:78-80 '58

Noun forms in the dialects of northwestern Mukachevo I. D. Pahiria. Dop. ta pov UzhDU, Ser filol no 2:96-98 '58.

UKRAINIAN LANGUAGE—PARTICLES

Particles in the dialects spoken along the upper reaches of the Borzhava River. V. V. Nimchuk. Dop ta pov UzhDU, Ser. filol. no. 2 89-92 '58

UKRAINIAN LANGUAGE—PREPOSITIONS

Morphology of prepositions in dialects spoken along the upper reaches of the Borzhava River V. V. Nimchuk Dop. ta pov. UzhDU, Ser filol. no 2:93-95 '58

UKRAINIAN LANGUAGE—TENSE

History of the future tense in the Ukrainian language. S. P. Bevzenko. Dop. ta pov UzhDU, Ser. filol no 2, 48-50 '58.

UKRAINIAN LANGUAGE—TERMS AND PHRASES

Development of the Ukrainian literary language during the years of Soviet rule. H. M. Udovychenko Dop ta pov. UzhDU, Ser. filol. no 2:33-34 '58

UKRAINIAN LANGUAGE—VERB

Characteristics of verbal forms in dialects spoken along the left bank of the Tisza River in Vinogradov District P. M. Lyzanets'. Dop ta pov. UzhDU, Ser. filol, no 2: 101-102 '58.

Formation of adverbs in the dialects of northwestern Mukachevo. I. D. Pahiria. Dop ta pov UzhDU Ser. filol. no. 2:87-88 '58.

The link verb in a compound predicate H. O. Piskun. Nauk. zap. L'viv. derzh. ped inst. 16:87-107 '60

Suffixes of verbs in dialects of the Uzhgorod District. P. P. Chuchka. Dop ta pov. UzhDU, Ser. filol. no. 2 84-86 '58.

UKRAINIAN LITERATURE
(see also subdivision under Transcarpathia)

Document of donation from the 17th century with characteristics of the Hucul dialects I. O. Dzendzelivs'kyi. Dop. ta pov. UzhDU, Ser. filol. no. 2:125 '58.

UKRAINIAN LITERATURE—BIBLIOGRAPHY see Bibliography—Ukrainian literature

UKRAINIAN LITERATURE—HISTORY AND CRITICISM

Development of progressive prose in Transcarpathia during the 1920's and 1930's. IU. I. Baleha Dop. ta pov. UzhDU, Ser. filol no. 2:15-16 '58

Slavic solidarity in the works of Transcarpthian enlighteners of the mid-nineteenth century. T. M. Chumak. Dop ta pov. UzhDU, Ser. filol. no. 2:28-29 '58.

The Soviet Ukrainian novel on the Great October Socialist Revolution and the civil war. M. O. Lakyza Dop. ta pov. UzhDU, Ser. filol. no. 2:12-14 '58.

Vlazovs'kyi, H. A. [The writer and life] Pys'mennyk i zhyttia. [Odessa] Odes'ke knyzhkove vyd-vo, 1959. 166 p.
(MH)

UKRAINIAN NEWSPAPERS see subdivision under Poltava Province

UKRAINIAN PERIODICALS

A conference of the readers of "Ukrains'kyi istorychnyi zhurnal." O. O. Moroz, V. B. Napolov. Ukr. ist zhur 5 no. 5:170-171 S-O '61.

UKRAINIAN POETRY—TRANSLATIONS INTO TURKMEN

Taras Shevchenko in Turkmen. G. Kulieva. Izv. AN Turk. SSR, Ser. obshchestv. nauk no 2:73-75 '61

UKRAINIANS see subdivision under Canada

ULAN-BATOR—DESCRIPTION

Ulan-Bator. IU. M. Arsen'ev. Geog. v shkole 24 no. 5: 14-20 S-O '61

ULTRASONIC WAVES

Absorption of ultrasonic waves in an anisotropic superconductor [with summary in English]. V. L. Pokrovskii Zhur. eksp. i teor. fiz 40 no. 3,898-906 Mr '61

Effect of anisotropy on threshold phenomena in superconductors [with summary in English] V. L. Pokrovskii, M. S. Ryvkin Zhur. eksp. i teor. fiz 40 no. 6 1859-1865 Je '61

Effect of ultrasonic waves on the growth of poplar buds and their phytoncidal properties F. A. Gurevich Izv Sib. otd. AN SSSR no. 7:116-119 '61.

Molecular theory of ultrasonic dispersion in liquids A. A. Adkhamov Izv Otd geol.-khim i tekh nauk AN Tadzh SSR no 1 3-12 '59

Nondirectional ultrasonic emitter for studying the acoustics of rooms by using models. V. M. Gardash'ian. Trudy NIKFI no. 34:61-68 '60.

Some particular features of emulsion formation induced by ultrasonic waves [with summary in English]. S. A. Neduzhii Koll. zhur. 23 no. 4 448-453 Jl-Ag '61

Sound absorption in Rochelle salt near its lower Curie point. O. A. Shustin and others Zhur. eksp. i teor fiz 40 no 3,979-980 Mr '61

Studying the mechanism of emulsification caused by ultrasonic waves. S. A. Neduzhin. Trudy NIKFI no. 34, 85-100 '60.

ULTRASONIC WAVES—INDUSTRIAL APPLICATIONS

Decomposition of xanthic acid by ultrasonic waves. L. A. Litvina Obog. rud 4 no 4 51-52 '59

Mechanism of the compaction and hardening of cement subjected to ultrasonic vibration I. N. Akhverdov, M. A. Shalimo. Sbor. nauch. rab. Inst. bud. i arkhit. AN BSSR no. 4:3-15 '60

Promising methods of metal treatment. N. N. Rishov. Biul. tekh.-ekon. inform no. 7 90-94 '61

Ultrasonic spot welding of aluminum alloys [Trudy] MVTU no 101 49-59 '61

Ultrasonic waves used in welding metals for electric engineering purposes B. V. Amosov [Trudy] MVTU no 101 100-107 '61.

Ultrasonic welding of plastics A. V. Mordvintseva. [Trudy] MVTU no. 101 108-123 '61

ULTRASONIC WAVES—PHYSIOLOGICAL EFFECT

Histochemical examination of cell nuclei from the alveolar connective tissue under the influence of ultrasonics in experiments on white rats [with summary in English]. A. P. Speranskii, I. L. Martsveladze Biul. eksp. biol. i med 51 no. 5 101-103 My '61

ULTRASONIC WAVES—THERAPEUTIC USE

Use of ultrasonics in the combined treatment of osteoarticular tuberculosis. I. G. Babenin Ortop., travm. i protez. no 6:42-46 '61.

ULTRASONICS

Patents of nature I. Akimushkin, IU. Kalinin Nauka i zhizn' 28 no 8,88-93 Ag '61

ULTRAVIOLET RAYS—MEASUREMENT

Industrial devices for measuring ultraviolet radiation. I. G. Bukhartsev, M. V. Sokolov, O. P. Shekova Svetotekhnika 7 no. 7 18-23 Jl '61

ULTRAVIOLET RAYS—PHYSIOLOGICAL EFFECT

Bactericidal effect of rays from the BUF lamp on staphylococci in cultures and on the human skin. M. I. Gusel'nikova. Trudy LSGMI 52:87-94 '60.

Change in the function of the skin receptors under the influence of ultraviolet rays in patients with microbial eczema. G. A. Ustinova. Trudy LSGMI 52:5-36 '60.

Changes in the function of skin cells under the influence of ultraviolet rays during medicated sleep. A. D. Troitskaia. Trudy LSGMI 52:74-80 '60.

Effect of vitamin A on the reactivity of the skin to shortwave radiation and chemical irritants. A. D. Troitskaia. Trudy LSGMI 52:112-120 '60.

Histological changes in the skin following the influence of shortwave ultraviolet rays. A. D. Troitskaia. Trudy LSGMI 52,70-73 '60.

Influence of ultraviolet rays on the function of skin receptors in healthy subjects. G. A. Ustinova. Trudy LSGMI 52:37-58 '60.

Influence of ultraviolet rays on the skin in patients with psoriasis. G. N. Burykina. Trudy LSGMI 52:81-86 '60.

Problems of exposing young poultry to ultraviolet radiation for brief periods. H. A. Kodyneta', A. O. Sharyhin. Visnyk sil'hosp. nauky 3 no. 4:37-40 Ap '60.

UL'YANOVSK PROVINCE—REVOLUTION, 1917-1921

Kommunisticheskaia partiia Sovetskogo Soiuza, Ul'ianovskii oblastnoi komitet. Partiinyi arkhiv. [Simbirsk Government during the civil war; collected documents] Simbirskaia gubernila v gody grazhdanskoi voiny; sbornik dokumentov. [Ul'ianovsk] Ul'ianovskoe knizhnoe izd-vo.
Vol. 2. 1960.
(CU)

UMAN'—NATIONAL PARKS AND RESERVES

Reserve. B. Rzhevskii. Nauka i zhizn' 28 no [illegible] '61

UNBORN CHILDREN (LAW)

Liability payments to the children who were born after the death of their fathers I. Larkin Sots. zakon. 11 no. 9 46-48 S '61

UNDERDEVELOPED AREAS

The bankruptcy of colonialism and the course of the development of underdeveloped countries. S. Golikov Komm. Vooruzh Sil 1 no. 17 31-38 S '61

UNDERGROUND CONSTRUCTION
(see also subdivision under Moscow)

Calculations for a cylinder of frozen rock based on limiting deformations. IU. K. Zaretskii. Osn., fund. i mekh. grun. 3 no. 4 25-27 '61.

Use of stone-cutting machines in underground construction. M. G. Leikin. Stroi. truboprov 6 no [illegible] Jl '61.

UNDERGROUND CONSTRUCTION—CONGRESSES

Conference of readers of this magazine. Gidr. stroi. 31 no. 8 60-62 Ag '61.

UNDERGROUND CONSTRUCTION—CORROSION

Effect of the chemical composition of soil on corrosion destruction caused by ground currents V. I. Negrets, G. A. Allakhverdiev. Azerb. khim zhur. no [illegible] '61

UNDERGROUND WATER see Water, Underground

UNDERSTANDING see Comprehension

UNDERWATER EXPLOSIONS

Experimental study of a shock wave in air following an underwater explosion in a shallow reservoir V. N. Kostiuchenko, N. N. Simonov PMTF no 1 [illegible] My-Je '60

UNDERWATER PIPELINES
(see also subdivision under Ukhta District; Yenisey River)

Designing underwater pipe for the action of ocean waves I. A. Iskenderov, A. G. Kantor Stroi. truboprovod 6 no. 8 9-11 Ag '61.

Designing underwater pipelines for the action of sea waves I. A. Iskenderov, A. G. Kantor. Stroi. truboprov. 6 no. 7 14-16 Jl '61

UNDERWATER WELDING AND CUTTING

External characteristics of the feed source during underwater welding in an atmosphere of carbon dioxide N. M. Madatov Svar. proizv. no 8,4-6 Ag '61.

UNDULANT FEVER see Brucellosis

UNEMPLOYED see subdivision under Canada

UNION CATALOGS see Catalogs, Union

UNION OF SOUTH AFRICA see South Africa, Union of

UNION OF SOVIET SOCIALIST REPUBLICS see Russia

UNIONIDAE

Heat resistance of spermatozoa in some unionids V. B. Svinkin Dokl. AN SSSR 139 no 5 1227-1230 Ag '61

UNITED ARAB REPUBLIC—ANTIQUITIES

Rescuing the Abu-Simbel Temple. Znan. ta pratsia no. 7:18 Jl '61.

UNITED STATES—AIRPLANES, MILITARY

Foreign equipment news Vest. protivovozd. obor. no. 9 80 S '61.

On a fighter-bomber. N. I. Listvin. Vest. Vozd. Fl. no. 5 90-93 My '61

UNITED STATES—ANTIMISSILE MISSILES

"Antimissile missile" by M. N. Nikolaev. Reviewed by IA. I. Faenov. Vest. protivovozd. obor. no. 8:78-80 Ag '61.

Antimissile missile "Nike-Zeus" as revealed by material from the foreign press. B. M. Antsiferov. Vest. protivovozd. obor. no. 6:25-26 Je '61.

UNITED STATES—ARMED FORCES

Armed forces of capitalist states following the Second World War. M. Mil'shtein. Voen.-ist. zhur. 3 no. 9. 50-61 Ag '61.

UNITED STATES—ARMED FORCES—APPROPRIATIONS AND EXPENDITURES

Military budget of the United States for 1961/62. S. Eremkov Tyl i snab. Sov. Voor. Sil 21 no. 7:93-94 Jl '61

UNITED STATES—ASTRONAUTICS, MILITARY

Path to outer space. V. Liutyi. Voen.-ist. zhur. 3 no. 8:25-36 Ag '61

UNITED STATES—ATOMIC POWER PLANTS

Some problems of water supply at atomic power plants in the United States. O. I. Martynova. Teploenergetika 8 no. 4:82-84 Ap '61.

TED STATES—AUTOMOBILES
>astful assertions and real facts. A. Kirsanov Polit. samoobr. 5 no. 9:135-139 S '61.
ross-country automobile with balancers. Za rul. 19 no. 7:29 Jl '61.

TED STATES—BANKS AND BANKING
r you, planet earth! G. Gurkov, A. Serbin. Ogonek 9 no. 39 7 S '61.

TED STATES—BIG BUSINESS
vlkova, F. A. [Financial groups of the U. S. A. and ethods of their domination] Finansovye gruppy SShA metody ikh gospodstva. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 111 p.

TED STATES—CANCER RESEARCH
>ssible new method of cancer diagnosis. Nauka i zhizn' 28 no. 7:61 Jl '61

TED STATES—CAPITALISM
'fect of technological progress on capitalist reproduction of the means of production. M. Golanskii. Vop. ekon. no. 9:126-135 S '61

TED STATES—CIVIL RIGHTS
n, I. S. [Freedom in a "free society"] Svoboda v svobodnom obshchestve." Moskva, Gos. izd-vo olit. lit-ry, 1961. 60 p.

TED STATES—COMMUNIST PARTY
McCarthy's footsteps. V. Avilin. Sov. just. no. 17:30 '61.

TED STATES—COST AND STANDARD OF LIVING
>astful assertions and real facts. A. Kirsanov. Polit. samoobr. 5 no. 9:135-139 S '61

TED STATES—CYTOLOGY
>me trends in cytological research in the United States. A. S. Troshin. TSitologiia 3 no. 4 489-493 Jl-Ag '61

TED STATES—DESCRIPTION AND TRAVEL
manov, A. V. [America as we saw it; journalist's >tes] Amerika, kakoi my ee videli; zapiski zhurnalsta. Moskva, Gos. izd-vo polit. lit-ry, 1961. 77 p.

TED STATES—ECONOMIC CONDITIONS
>rakov, IU. I., and E. V. Bugrov. [Economy of the .S.A. is in a labyrinth of contradictions] Ekonomika ShA v labirinte protivorechii. Moskva, Izd-vo in-ta >zhdunarodnykh otnoshenii, 1961. 50 p.
n, I. S. [Freedom in a "free society"] Svoboda v svobodnom obshchestve." Moskva, Gos. izd-vo olit. lit-ry, 1961. 60 p.
oscow. Nauchno-issledovatel'skii ekonomicheskii nstitut. [United States is loosing the economic competition] SShA proigryvaiut ekonomicheskoe sorevnovanie. Moskva, Izd-vo ekon. lit-ry, 1961. 295 p.
I. S. S. R. and United States; facts and figures." Reviewed by Z. Freikin. Geog. v shkole 24 no 5:90-91 -O '61.

TED STATES—ELECTRIFICATION
oblem concerning the utilization of experience in the evelopment of nonindustrial electrification in the nited States I. N Bessonova. Obshch. energ. no. 4: 4-61 '61

TED STATES—ENDOWMENTS
>e role of Rockefellers' "charity funds" in the national conomy and political life of the U. S. A. [with summary n English]. S V. Voronin Vest LGU 16 no 17 9-62 '61.

TED STATES—EROSION
dy on water erosion in the USA. V. F. Shubin. Vest. el'khoz. nauki 6 no. 8:147-151 Ag '61.

TED STATES—ETHICS
>e giving hot compresses to a corpse. Iulia Khaucheva. Ogonek 39 no. 39,8 S '61.

TED STATES—FOREIGN ECONOMIC RELATIONS
idreev, G. [Expansion of the dollar] Ekspansiia >ollara. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 479 p.

TED STATES—FOREIGN ECONOMIC RELATIONS—FRICA
ited States monopolies in Africa [with English sumary in appendix]. L. Goncharov. Vneshn. torg. 41 >. 8:21-28 '61.

TED STATES—FOREIGN RELATIONS
nerican imperialists are the bitterest enemies of >ocialism, peace, and democracy A. Berezkin Komm. >oruzh. Sil 1 no. 4,63-73 N '60.
turin, M. [The U. S. A. and the Munich Agreement; rom the history of American foreign policy in 1937 nd 1938] SShA i Miunkhen; iz istorii amerikanskoi >neshnei politiki, 1937-1938 gg. Moskva, Izd-vo in-ta >ezhdunarodnykh otnoshenii, 1961. 206 p.
gland and President Kennedy. Konni Zilliacus. Nov. rem. 19 no. 36:14-17 S '61.

TED STATES—FOREIGN RELATIONS—BRAZIL shington and Quadros. Nov. vrem. 19 no. 36:7-8 S '1.

UNITED STATES—FOREIGN RELATIONS—DOMINICAN REPUBLIC
History of a dictatorship. P. Nikolaev. Nov. vrem. 19 no. 36 8-11 S '61.

UNITED STATES—FOREIGN RELATIONS—LATIN AMERICA
Latin America and the United States; Soviet studies [in English]. V Kropotov Vest ist. mir. kul't. no 4 150-155 Jl-Ag '61

UNITED STATES—FOREIGN RELATIONS—RUSSIA
Important talks and new hopes. Ogonek 30 no. 24 1 Je '61
Kortunov, V. G. and N. N. IAkovlev. [The U. S. S. R. and the U. S. A. must live in peace, the past and present of the Soviet-American relations] SSSR i SShA dolzhny zhit' v mire; sovetsko-amerikanskie otnosheniia: proshloe i nastoiashchee. Moskva, Gos. izd-vo polit. lit-ry, 1961. 135 p.
Vienna, June 3-4, 1961. Ogonek 39 no. 24-2-3 Je '61.

UNITED STATES—GAS TURBINES
Operating experience of General Electric pipeline gas turbines O M Kiselev. Energomashinostroenie 7 no 5 47-48 My '61
Zil'bershtein, S. L. [Gas-turbine manufacture in the U. S. A., features of present-day designs and economics] Paraturbostroenie v SShA; voprosy sovremennykh konstruktsii i ekonomiki. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 108 p.

UNITED STATES—GUIDED MISSILES
By the inertial system of navigation. E. A. Pavlov. Vest. Vozd. Fl. no. 7:90-92 Jl '61.
Power installation of "Bomarc" (as revealed by foreign press data). E. A. Pavlov. Vest. protivovozd. obor. no. 8,39-40 Ag '61

UNITED STATES—HOUSEHOLD APPLIANCES
These are also inventions! Nauka i zhizn' 28 no. 8:104 Ag '61.

UNITED STATES—INTELLIGENCE SERVICE
"Taciturn Americans" in Paris. Paul Leveque. Nov. vrem. 19 no. 36:11-13 S '61.

UNITED STATES—MARINE CORPS
Hough, Frank O. [The island war. Abridged translation from the English. Preface by G. M. Gel'fond] Voina na ostrovakh. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 456 p.

UNITED STATES—METALS, RARE AND MINOR
Production and use of rare metals in the United States. S. IA. Kaganovich Biul. tekh. -ekon. inform. no. 8, 88-92 '61.

UNITED STATES—MUNITIONS
Tatishchev, S. I. [Real face of the rocket and atomic weapon industry in the U. S. A.] Za kulisami raketno-iadernogo biznesa SShA. Moskva, Gos. izd-vo polit. lit-ry, 1961. 70 p.

UNITED STATES—NAVY
Viktorov, Z. F., and G. M. Mikhailov. [Navies of the United States and Great Britain] Voenno-morskie floty SShA i Velikobritanii. Leningrad, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, 1961. 61 p.

UNITED STATES—NEGROES—EMPLOYMENT
Negro workers' struggle for equal rights in trade unions. George Wheeler. Vsem. prof. dvizh. no. 8:19-23 Ag '61.

UNITED STATES—OIL FIELD BRINES—DENSITY
Apparatus for determining the density of fluids in a well. E. Gref. Neftianik 6 no. 4:33 Ap '61.

UNITED STATES—OIL WELL PUMPS
Device for regulating the stroke of a pumping jack. E. Gref Neftianik 5 no. 8 34-35 Ag '60.

UNITED STATES—ORE DRESSING
Dressing oxidized iron ores in an electric field [from "Engineering and Mining Journal" no. 1, 1958; "Iron and Steel Engineering" no. 10, 1958]. V. G. Derkach. Obog. rud 4 no. 4:56-57 '59.

UNITED STATES—PATENTS
Chronic disappointment. I. Ivanov. Izobr. i rats. no 8 36-37 S '61.

UNITED STATES—PIPE
Foreign technology. Stroi. truboprovod. 6 no. 8:31 Ag '61.

UNITED STATES—PLYWOOD
Continuous production method of glued plywood (from "Timber Trades Journal," 236, no. 4409, 1961). Der. prom. 10 no. 8:33 Ag '61.

UNITED STATES—POLITICS AND GOVERNMENT
Two programs. L. Stepanov, V. Voinov. Ogonek 39 no. 35,4-6 Ag '61.

UNITED STATES—PRAGMATISM
"American pragmatism; Peirce, James, and Dewey" [in English] by Edward C. Moore. Reviewed by IU. K. Melvil'. Vop. filos. 15 no. 9:154-156 '61.

UNITED STATES—RADAR, MILITARY
Automation in processing radar information (as revealed by foreign press data) A. G. Malinovskii, L. P. Sverkynov. Vest. protivovozd obor no 8:47-51 Ag '61

UNITED STATES—RAILROADS—EQUIPMENT AND SUPPLIES
Electric vibratory tie tamper Put' i put khoz 5 no 6 48 Je '61

UNITED STATES—RELATIONS (GENERAL) WITH RUSSIA
How the working people of the U. S. A. struggled for peace and friendship with Soviet Russia, from 1918 to 1920 Submitted by I. M. Krasnov. Ist arkh 7 no 1 19-43 Jl-Ag '61.
"I had a Russian camera. " A. Zak Sov. foto 21 no. 8,37 Ag '61
"Visit to a different world..." E Ingin. Sov foto 21 no. 8,25 Ag '61

UNITED STATES—ROCKETRY
Rocketry technic abroad. Vest. protivovozd. obor. no. 6 26 Je '61.

UNITED STATES—SOCIAL CONDITIONS
Two programs. L. Stepanov, V. Voinov. Ogonek 39 no. 35 4-5 Ag '61.

UNITED STATES—STEEL ALLOYS
Highly resistant steel for rocket engines [from "Metal Progress," no. 6, 1960]. Metalloved. i term. obr met no 8:61-62 Ag '61.

UNITED STATES—SUCKER RODS
Stuffing box for sucker rods Neftianik 6 no 4:33 Ap '61.

UNITED STATES—TECHNOLOGY
Effect of technological progress on capitalist reproduction of the means of production. M. Golanskii. Vop. ekon. no. 9 126-135 S '61.

UNITED STATES—TOMATOES—HARVESTING
Mechanization of tomato harvesting V. D. Lugovkin. Kons. i ov. prom. 16 no. 9 40-41 S '61.

UNITED STATES—TRADE UNIONS
Negro workers' struggle for equal rights in trade unions. Georg Wheeler, Vsem. prof. dvizh. no. 8,19-23 Ag '61.

UNITED STATES—WOMEN
Why do women work? K. B. Sov. profsoiuzy no. 17:38-39 S '61

UNITED STATES—ZIRCONIUM ALLOYS
Highly resistant zirconium alloys [from "TASM," v. 52, 1960]. Metalloved i term. obr. met no 8:59-60 Ag '61

UNIVERSE see Cosmogony

UNIVERSITIES AND COLLEGES
(see also subdivision under Lugansk)
The Decembrists and the institutions of higher education. V. P. Solov'eva. Sbor trud Arkh gos ped inst. no. 3 195-211 '59
Russia (1917- R. S. F. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. [Survey handbook of the institutions of higher learning] Obzornyi spravochnik vysshikh uchebnykh zavedenii. Moskva, 1961. 309 p.

UNIVERSITIES AND COLLEGES—ENTRANCE REQUIREMENTS see subdivision under Krasnoyarsk; Leningrad

URACIL
Reproduction of the basic symptoms of euthyroid goiter under experimental conditions. B. V. Aleshin, V. V. Mamina. Probl. endok. i gorm. 7 no. 4:3-18 '61.

URAL MOUNTAIN REGION—BEANS
Results of experiments with beans in the Chernozem zone of the trans-Ural region. A. A. Shchepetkov. Vest. sel'khoz. nauki [Kazakh.] 4 no. 5:48-54 My '61.

URAL MOUNTAIN REGION—CHORAL SOCIETIES
History of choral singing in the Urals. G. P. Rogozhnikova. Nauch. -metod. sbp. Ural. gos konser. no. 3:119-134 '59.

URAL MOUNTAIN REGION—CITY PLANNING
Location of housing construction projects in large cities of the Urals. V. Lakhtin. Arkhit. SSSR no. 6,22-24 '61.

URAL MOUNTAIN REGION—LABOR AND LABORING CLASSES
Documents relating to the situation of workers in the Ural Mountain region after the Reform of 1861 M. A. Gorlovskii. Ist. arkh. 7 no. 4:240-241 Jl-Ag '61.

L MOUNTAIN REGION—RAILROADS—MANAGEMENT
ectiveness of lengthened haul distances on the Southern
al Railroad A I Iakton. Zhel.-dor transp. 43
9 55-58 S '61

L MOUNTAIN REGION—STEEL INDUSTRY
ludies on the history of the construction of steel mills
the Ural Mountain region during the Great Patriotic
/ar, from 1941 to 1945" by N. I Lipatov. Reviewed by
I. I. Khlusov Vop ist. no. 9:140-142 S '61

L MOUNTAIN REGION—WORLD WAR, 1939-1945—
IENCE
life and work of Russian scientists in the Ural Moun-
in region during the war, from 1941 to 1943 (conclu-
on). L. D. Sheviakov. Ist arkh. 7 no 4:159-181 Jl-
g '61

L MOUNTAINS—CAVES
he eternal darkness. A. Riumin. Vokrug sveta
):31-35 Ag '61

L MOUNTAINS—CEPHALOPODA, FOSSIL
are form of cameral deposits in Devonian nautiloids.
A. Zhuravleva Paleont zhur no 1 89-94 '61

L MOUNTAINS—COAL GEOLOGY
iracteristics of lower Mesozoic coal-bearing sedi-
ents in the southern Magnitogorsk synclinorium
N. Volkov, I B Volkova, M. V. Bogdanova Trudy
ab. geol ugl. no 12 131-169 '61.
iluating coal potentials of the lower Mesozoic in the
uthern Magnitogorsk synclinorium I. I. Gorskii and
hers Trudy Lab geol ugl no 12 169-175 '61
ological characteristics of lower Mesozoic sediments
the southern Magnitogorsk synclinorium N I Leone-
k Trudy Lab geol. ugl no 12 14-43 '61
acies characteristics of lower Mesozoic sediments
the southern Magtitogorsk synclinorium V. N. Vol-
v, I B Volkova, G. K. Letova Trudy Lab geol ugl
12,44 '61
eontological characteristics of lower Mesozoic sedi-
ents in the southern Magnitogorsk synclinorium
M. Kolesnikov and others Trudy Lab. geol ugl
12 78-82 '61
rt review of the history of the study of lower Mesozoic
diments in the southern Magnitogorsk synclinorium
N Volkov and others. Trudy Lab geol ugl. no. 12
14 '61

MOUNTAINS—COPPER
ew morphologic type of skarn formations in Tur'insk
pper deposits. G. S. Norshtein. Trudy IGEM no 41
-72 '61

MOUNTAINS—FORAMINIFERA, FOSSIL
ies dependence of foraminifers in deposits of the
menian stage of the upper Devonian and the Tournai-
an stage of the Carboniferous on the western slope
the Urals O A. Lipina Vop mikropaleont no 5
7-161 '61

MOUNTAINS—GABBRO
ucture of the Kumba gabbroid massif and magnetite
posits associated with it (Southern Ural) E V.
eshnikova. Trudy IGEM no. 41 48-86 '61

MOUNTAINS—GEOLOGY—FIELD WORK
'skoe petrograficheskoe soveshchanie, 1st. [Guide-
k for the field trip to the Vishnevyye Mountains,
abash and the Il'men Mountains] Putevoditel'
kursii Vishnevye gory - Karabash - Il'menskie gory.
rdlovsk, 1961. 62 p.
'skoe petrograficheskoe soveshchanie, 1st. [Guide-
k for the Tagil-Kushva field trip] Putevoditel'
gilo-Kushvinskoi ekskursii. Sverdlovsk, 1961. 128 p.

MOUNTAINS—GEOLOGY, STRATIGRAPHIC
and stratification sequence of sediments in the upper
ratau series of the Southern Urals. IU. R. Bekker
. AN SSSR. Ser. geol. 26 no. 9:49-60 S '61.
clusion Trudy Lab. geol. ugl. no. 12:175-177 '61.

MOUNTAINS—MAGNETITE
ucture of the Kumba gabbroid massif and magnetite
posits associated with it (Southern Ural) E V.
eshnikova. Trudy IGEM no. 41:48-86 '61

MOUNTAINS—ORE DEPOSITS
ne rich mining areas of the Urals E. Filisteev.
etallurg 6 no. 8.39 Ag '61.

MOUNTAINS—ORE DRESSING
procedure for the dressing of copper-zinc ores in
Central Ural Ore Dressing Plant. R. I Sulina, L. A.
kol'skaia. Obog. rud 5 no. 2:3-8 '60.

MOUNTAINS—ROCKS, IGNEOUS
position of accessory titanomagnetite in different
netic granitoid types of the Urals D. S Shteinberg,
G. Fominykh Dokl AN SSSR 139 no. 5 1208-1210
'61

MOUNTAINS—SKARNS
w morphologic type of skarn formations in Tur'insk
per deposits. G. S. Norshtein. Trudy IGEM no 41:
72 '61.

URAL MOUNTAINS—TITANOMAGNETITES
Distribution of accessory elements in titanomagnetites
of the Urals. D S Shteinberg, V G Fominykh. Dokl
AN SSSR 139 no. 6 1449-1451 Ag '61

URAL VALLEY—POTATOES
Practices used in the cultivation of potatoes on flood
lands of the Ural River (Guryev Province) K Ki-
sykbasov. Vest. sel'khoz nauki [Kazakh.] 4 no. 5:60-
69 My '61

URAL-VOLGA PETROLEUM REGION see Second Baku

URALIAN LANGUAGES see Samoyedic languages

URAL'SK—PRODUCE TRADE
Let's work in the new way. B Muchnik Koop Kazakh
4 no 4 45-46 Ap '61

URANIUM
U^{92} is thrice born. Nauka i zhizn' 28 no 7:99 Jl '61

URANIUM—SAFETY MEASURES
Andreeva, O. S. [Industrial hygiene in working with
uranium and its compounds] Gigiena truda pri rabote
s uranom i ego soedineniiami. Moskva, Medgiz,
1960. 93 p. (Biblioteka prakticheskogo vracha)
(DNLM)

URANIUM FLUORIDES
Effect of uranium tetrafluoride on the higher nervous
activity of dogs. E. N. Klimova. Radiobiologiia 1
no. 3:399-406 '61.

URANIUM OXIDE
Kinetics of uranium oxide dissociation V G. Vlasov,
A. G Lebedev. Zhur. prikl. khim. 34 no. 8:1739-1744
Ag '61

URANIUM SULFATE
Radiolysis of aqueous solutions of uranium (IV) and
iron (II) sulfates at elevated temperatures V. G
Firsov, B. V. Ershler. Zhur. fiz khim. 35 no 8:1687-
1688 Ag '61

URANYL ION
Complex formation in the system uranyl ion - salicylate -
α,β-dipyridyl R. Kh. Dzhilanbaeva, Sh T. Talipov
Uzb khim zhur no 4 17-21 '61
Kinetics of cathodic and anodic polarization in sulfuric
acid solutions of UO_2^{2+} IA P. Gokhshtein, Gao
TSai-shen Zhur neorg khim 6 no 8 1821-1830
Ag '61
Kinetics of the cathodic and anodic polarization of
hydrochloric acid solution of UO_2^{2+} [with summary
in English]. IA. P. Gokhshtein, Gao TSai-shen. Zhur
fiz. khim. 35 no 8:1699-1705 Ag '61

UREA
Determining the instability constants of complex com-
pounds from oxidation-reduction potential
Report No. 2. Complex compounds of zinc with thiou-
rea. T. V. Kramareva, V. M. Shul'man. Izv. Sib otd.
AN SSSR no. 8-68-77 '61.
Effect of temperature on the breaking of hydrogen bonds
in collagen by urea (from "Journal of the American
Leather Chemists Association," no 10, 1960). L. S
Rabinovich. Kozh.-obuv. prom. 3 no. 6 31 Je '61
Electron diffraction study of urea A. N Lobachev, B. K.
Vainshtein. Kristallografiia 6 no. 3 395-401 My-Je
'61.
Solubility, specific gravity, and viscosity isotherms of
the system $ZnSO_4 - CO(NH_2)_2 - H_2O$ at 30° N. Dui-
shenalieva, K. Sulaimankulov, I. G Druzhinin Zhur
neorg khim 6 no. 8.1919-1921 Ag '61.

URETHANS
Complex compounds of trivalent cobalt with dimethyl-
glyoxime and thiourethans A. V Ablov, V N. Shafran-
skii Zhur neorg. khim 6 no 8 1781-1785 Ag '61

URGENCH—OILS AND FATS
We shall carry out the tasks of the third year of the seven-
year plan ahead of schedule. V. I. Datinkin Masl.-
zhir. prom. 27 no. 8:47 Ag '61.

URINE—ANALYSIS AND PATHOLOGY
Some biochemical studies of the urine in bronchial asthma
in children [with summary in English]. O. N. Safro-
nova, E. K. IUzefovich, V. V. Frolova Vop okh mat. i
det 6 no 7.33-37 Jl '61

URINE—SECRETION
Variations in the secretion of urine related to the initial
stage of digestion. T. A. Sokolova, A. S. Spasskaia
Trudy Kirov. otd. Vses fiziol. ob-va 1 no. 1 60-69 '60.

URMI VALLEY—FOREST ECOLOGY
Brief survey of forest vegetation in the upper half of the
Urmi River Basin IU I. Man'ko. Komar. chten.
no. 9:42-71 '61.

USHKALKA—ANTIQUITIES
Problems in the relative chronology of late Bronze Age
monuments in the lower Dnieper Valley. D. IA. Telegin.
Arkheologiia 12:3-15 '61.

USHKALKA—BRONZE AGE
Problems in the relative chronology of late Bronze Age
monuments in the lower Dnieper Valley D. IA Telegin
Arkheologiia 12:3-15 '61

USMAN' DISTRICT—COMMUNIST PARTY OF THE SOVIET
UNION—PARTY WORK
We should improve the guidance of local organizations.
V. Fliatin. Part. zhizn' no. 10:53-54 S '61.

USMANOV, SHAMIL
[Akhin, A.] [Dramaturgy of Shamil Usmanov. Dramaturg-
giia Shamilia Usmanova. Kazan] 1959. 29 p. [In
Tatar]
(MH)

USSURIYSK—RESTAURANTS, LUNCHROOMS, ETC.—
MANAGEMENT
Sense of solidarity. L. Maloletkova. Obshchestv. pit.
no. 7.19 Jl '61.

UST'-ALDANSKIY DISTRICT—SCHOOLHOUSES
For one-shift classes I Atlasov. Nar. obr no 9 24
S '61

UST'-KAMENOGORSK—LEAD INDUSTRY—ACCOUNTING
Accounting and reports in an enterprise. M Masalov.
Nar. khoz. Kazakh. 19 no. 8 59-62 Ag '61.

UST'-KAMENOGORSK—ZINC INDUSTRY—ACCOUNTING
Accounting and reports in an enterprise. M. Masalov.
Nar. khoz. Kazakh 19 no. 8:59-62 Ag '61.

UTERUS
X-ray study of a living sow's uterus [with summaries in
English, German, and French]. L. V. Gusev, IU A.
Kiselev. Vest. sel'khoz. nauki 6 no. 8:117-118 Ag '61.

UTERUS—BLOOD SUPPLY
Nikonchik, O. K. [Arterial blood supply of the uterus and
the adnexa uteri] Arterial'noe krovosnabzhenie matki i
pridatkov zhenshchiny. Moskva, Gos. izd-vo med.
lit-ry Medgiz, 1960. 59 p.

UTERUS—CANCER
Initial stages of carcinoma planocellulare of the cervix
uteri [with summary in English] A V. Rudenko Arkh
pat 21 no. 10:13-19 '59

UTOPIAS
An early German work of utopian communism [with
summary in German] V E. Maier Sted veka no 20
151-165 '61
Forerunners of scientific socialism on the just distribu-
tion of products in society. K S. Korovin Trudy
LIUI no. 35:144-158 '61.
More, Sir Thomas. [Utopia. Translated from the Latin]
Utopiia. Vstup. stat'ia V. P. Volgina. Izd. 2., dop.
Moskva, Izd-vo Akad. nauk SSSR, 1953. 294 p.
(Akademiia nauk Soiuza SSR. Predshestvenniki
nauchnogo sotsializma)
(CU)

UZBEK STUDIES—BIBLIOGRAPHY see Bibliography—
Uzbek studies

UZBEKISTAN—ARCHITECTURE
Akademiia nauk Uzbekskoi SSR. Institut iskusstvoznaniia.
[Architectural heritage of Uzbekistan] Arkhitekturnoe
nasledie Uzbekistana. Tashkent, 1960. 248 p.

UZBEKISTAN—AUTOMOBILES—MODELS
Automobile modelmakers of Uzbekistan. D. Narezhnyi.
Za rul. 19 no. 7 32 Jl '61.

UZBEKISTAN—COMMUNIST PARTY OF THE SOVIET
UNION—PARTY WORK
Party news. Part. zhizn' [Uzb.] 3 no. 12:89 D '60.

UZBEKISTAN—COTTONSEED
Mechanized unloading of cottonseed from freight cars.
V. T. Shustov, B E. Rakhman. Masl.-zhir prom 27
no. 8:48 Ag '61.

UZBEKISTAN—ECONOMIC CONDITIONS
Under the banner of the Soviet Constitution. IA. Nasrid-
dinova. Part. zhizn' [Uzb.] 3 no. 12 35-44 D '60.

UZBEKISTAN—EDUCATION, HIGHER
Let's overcome the bureaucratic approach. T. A. Sarym-
sakov Vest. vys shkoly 19 no 8:38-39 Ag '61.

UZBEKISTAN—FARM MECHANIZATION
Collective farms get assistance from the Volunteer
Society for Assistance to the Army, Air Force and
Navy. G. Batyrov. Za rul. 19 no. 7:3 Jl '61.

UZBEKISTAN—GAS, NATURAL—PIPELINES
Construction of a gas pipeline from Gazli to the Ural
Mountain region is a very important stage in supplying
Uzbekistan with gas. Stroi. truboprovod. 6 no. 8:4-5
Ag '61.

UZBEKISTAN—GASOLINE
Effectiveness of using submerged ejectors in discharging
high-vapor pressure gasoline. I. S. Vasserman, IU. L.
Galkin. Neft khoz. 38 no. 4:61-63 Ap '60.

ZBEKISTAN—GEOLOGY, STRATIGRAPHIC

Stratigraphy of Silurian terrigenous sediments in Uzbekistan O N. Khaletskaya Trudy Uz. geol. upr no 1 8-12 '60

ZBEKISTAN—INDUSTRIAL MANAGEMENT

Let's enhance the role of local party organizations in industrial management Part zhizn' [Uzb] 3 no 12 45-50 D '60

BEKISTAN—LECTURES AND LECTURING

Scientists must disseminate knowledge among the people. N. Kadyrov. Part. zhizn' [Uzb] 3 no 12 75-77 D '60

BEKISTAN—LOADING AND UNLOADING

Mechanized unloading of cottonseed from freight cars. V. T. Shustov, B. F. Rakhman. Masl -zhir prom 27 no. 8:48 Ag '61

BEKISTAN—OIL INDUSTRIES

For further development of the oils and fats industry of Uzbekistan Masl -zhir. prom. 27 no. 8:1-2 Ag '61

Oils and fats industry of the Uzbek S. S R in the seven-year plan. IU. A Dobrynin. Masl. -zhir. prom 27 no. 8:2-6 Ag '61

BEKISTAN—PETROLEUM GEOLOGY

abaev, A. G., and A. M. Akramkhodzhaev. [Paleogeography of oil- and gas-bearing Cretaceous sediments in Uzbekistan] Paleogeografiia neftegazonosnykh melovykh otlozhenii Uzbekistana. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, 1960. 177 p.

BEKISTAN—POLITICS AND GOVERNMENT

Under the banner of the Soviet Constitution. IA Nasridinova Part zhizn' [Uzb.] 3 no.12:35-44 D '60.

BEKISTAN—REFUGEES, RUMANIAN

My Uzbek relatives. Haralamb Zinca. Ogonek 39 no.35 14-15 Ag '61.

BEKISTAN—WORLD WAR, 1939-1945

zbekistan during the Great Patriotic War of the Soviet Union, from 1941 to 1945, on the 20th anniversary of the beginning of the Great Patriotic War. A S Kazaovn, D A. Sallamov Obshchestv. nauki v Uz no 6 3-10 '61

IGOROD DISTRICT—UKRAINIAN LANGUAGE—DIALECTS

onditional and imperative moods of verbs in dialects of the Uzhgorod District. P P. Chuchka. Dop ta pov UzhDU. Ser. filol no. 2:99-100 '58.

uffixes a verbs in dialects of the Uzhgorod District. P. P. Chuchka. Dop. ta pov UzhDU. Ser. filol no 2:84-86 '58.

CATION SCHOOLS

ummer of a tot. A. Venger. Sem'ia i shkola 10 no. 6: 31-33 Je '61.

CATIONS see subdivision under Moscow

CCINATION

ffectiveness of repeated immunization in radiation sickness. D G. Pelits Voen -med zhur. no. 6:75 Je 61.

roblem of immunogenesis in rabbits during the process of growth of Brown-Pearce carcinoma [with summary in English]. N. M. Nilovskii, N. I. Rybakov. Biul. eksp biol. i med 51 no. 4:96-98 Ap '61.

CUUM APPARATUS

xhausting effect and evaporation characteristics of metallic chromium under electron bombardment in a vacuum. H. S. Mykhailov and others. Ukr. fiz. zhur. 6 no. 3:412-414 My-Je '61.

me characteristics of the operation of thermistors in a vacuum [with summary in English] A V Bulyga nzh -fiz. zhur. 4 no 3:46-52 Mr '61.

CUUM METALLURGY

dying the speed of volatilization of germanium sulfides n a vacuum. G. N. Sosnovskii, M. A. A Izv. AN Kazakh SR Ser. met., obog i ogneup. no. 2:3-9 '61.

CUUM PUMPS

termination of mechanical losses in rotary vacuum umps and compressors and stress analysis of blades. V. D. Lubenets. [Trudy] MVTU no. 95:49-76 '60.

coretical characteristics of two-stage piston vacuum umps with valve distribution V. D. Lubenets. [Trudy] MVTU no. 95:26-48 '60.

ermal analysis and design of high-speed piston vacuum umps with valve distribution. V. D. Lubenets. [Trudy] MVTU no. 95:5-25 '60.

VN-50 water-ring vacuum pump. M. I. Rybalkin. Bakh. prom. 35 no. 8:31-33 Ag '61.

UUM TECHNOLOGY

acuum heating. A. D. Assonov. Biul. tekh -ekon. inform. o. 8:85-87 '61.

UUM-TUBE VOLTMETER - see Electron-tube voltmeter

VAGUS NERVE

Effect of lymph on the cardiovascular system of animals, effect of lymph on the excitability of the vagosympathetic nerve trunk of a frog F A. Gavrilova Trudy Kirov otd. Vses fiziol ob-va 1 no 1 55-59 '60

VAKHSH VALLEY—FRUIT CULTURE

Vakhshskaia zonal'naia opytnaia stantsiia. [Reports of the Vakhsh Region Experimental Station] Trudy, Stalinabad, Izd-vo Akad nauk Tadzhikskoi SSR, 1961. 136 p (DA)

VAKHSH VALLEY—IRRIGATION CANALS AND FLUMES

Hydraulic flushing of sediments in the Kum-Sangir Canal G IU. Sheinkin. Izv Otd geol -khim i tekh nauk AN Tadzh SSR no 1 55-62 '59

Settling deformations of loess soils under irrigation canals of the Vakhsh irrigation system in the Tajik S. S. R. L. G. Balaev Nauch. zap MIIVKH 23:67-91 '60.

VAKHSH VALLEY—SALINE AND ALKALI SOILS

System of ameliorative measures for the reclamation of saline and water-logged lands and the prevention of secondary salinization of irrigated soils in Tajikistan I N. Antipov-Karataev, P A Kerzum Izv Otd sel'khoz i biol nauk AN Tadzh SSR no 1 5-12 '59

VAKHSH VALLEY—SOILS—MICROBIOLOGY

Development of ammonifying bacteria in soils subject to capital grading in the Vakhsh Valley T. G Golitsyna Izv Otd sel'khoz i biol nauk AN Tadzh SSR no. 1 13-21 '59.

VAKHSH VALLEY—TROPICAL FRUIT

Subtropical fruit culture and outlook for its development in regions of the Vakhsh Valley A A. Aliev, B S Rozanov Izv Otd sel'khoz i biol nauk AN Tadzh SSR no. 1 61-66 '60.

VALDAI HILLS—POTATOES

Experimental investigation of evaporation from potato fields. V. F. Pushkarev. Trudy GGI no. 91 110-131 '61.

VALDAI HILLS—PRECIPITATION (METEOROLOGY)

Effect of elevation and nature of the terrain on the distribution of liquid precipitation in the Valdai area. N. A. Zykov. Trudy GGI no. 91 51-57 '61.

VALLEYS see subdivision under East European Plain; Krivoy Rog Basin

VALUE

Using the law of value in collective-farm production. N. M. Muslimova Trudy KHSKHI 25:27-40 '60

VALVES

(see also subdivision under Kremenchug Hydroelectric Power Station)

Changing the design of the reducing valve. R A. Basarin, A M Goloshchapov. Sbor. rats predl. vnedr v proizv. no. 5:53-55 '60

VAN, KINGDOM OF

"The Kingdom of Van (Urartu)" by B B. Piotrovskii Reviewed by S I Khodzhash. Nar Azii i Afr no 2:209-210 '61.

Sofronenko, K. A. [Social and political system of the Kingdom of Van] Obshchestvenno-politicheskii stroi Urartu. [Moskva] Izd-vo Mosk. univ., 1961. 47 p.

VAN, KINGDOM OF—HANDICRAFT

The nature and organization of handicraft in Assyria, Media, and the Kingdom of Van IU B. IUsifov Trudy Inst. ist AN Azerb SSR 14 5-34 '60

VANADIUM

Analysis of the spectrum of electron paramagnetic resonance of the V^{4+} ion in corundum (Al_2O_3). B. K. Rei Fiz. tver. tela 3 no 8:2214-2222 Ag '61.

Effect of vanadium on the structure and properties of copper-base alloys. K. T Chernovsova, A A. Presnakov. Trudy Inst. iad fiz. AN Kazakh. SSR 4:89-94 '61

VANADIUM—ANALYSIS

Vanadium content of oils of Azerbaijan. D. I. Zul'fugarly. Azerb. khim. zhur. no. 3 139-146 '60

VANADIUM CHLORIDE

Determination of the enthalpy of vanadium tribromide formation [with summary in English]. S. A. Shchukarev and others. Vest. LGU 16 no. 16:125-129 '61

Enthalpy of vanadium oxychloride formation [with summary in English] I. L Perfilova and others. Vest. LGU 16 no. 16:130-135 '61.

VANADIUM COMPOUNDS

Formation of vanadium (IV) thiocyanate complexes in solution. R. A. Kostrova Visnyk Kyiv. un no 2. Ser fiz ta khim no. 1 109-112 '59

VANADIUM-NICKEL ALLOYS see Nickel-vanadium alloys

VANADIUM OXIDES—ELECTRIC PROPERTIES

Electric conductivity of lower vanadium oxides [with summary in English] N. I. Bogdanova, S. M Arita Vest. LGU 16 no. 16:143-147 '61.

VANADIUM OXIDES—THERMAL PROPERTIES

Heat content of some vanadium oxides [with summary in English] M S IAkovleva, Z L Krasilova Vest LGU 16 no 16 136-139 '61

VANADIUM-TITANIUM-MOLYBDENUM ALLOYS see Titanium-vanadium-molybdenum alloys

VANADYL ION

Magnetic susceptibility of inner complex compounds of vanadyl with tridentate ligands V V Zelentsov Dokl AN SSSR 139 no 5 1110-1111 Ag '61.

VANILLIN

Polarographic behavior of vanillin. A. I. Markman, M F Fazylova Uzb khim zhur no 4:64-66 '61

VAPOR PRESSURE

Determination of the pressure of gallium oxide saturated vapor. S A Shchukarev, G. A Sumenov, I A. Rat'kovskii Zhur neorg khim 6 no 8 1973 Ag '61

Determining the vapor pressure in metals from the vaporization rate [with summary in English] H P Kovtun, A. A. Krublykh, V S Pavlov. Ukr. fiz zhur. 6 no 3 386-389 My-Je '61

Methods of measuring the pressure of vapors of low-volatility substances V I Lozgachev Izv. AN SSSR Otd tekh nauk Met i topl no. 4 31-38 Jl-Ag '61

Pressure of zinc and cadmium vapor above their alloys G V Kim, M A Abdeev, V D Ponomarev. Trudy Alt GMNII AN Kazakh SSR 11 48-55 '61

Thermographic method for measuring the saturated vapor pressure of difficultly volatilizable substances. G. I Novikov, O. G Polyachenok Zhur. neorg khim. 6 no 8 1951-1952 Ag '61

VAPORIZATION OF HEAT see Heat of vaporization

VARIOMETER, MAGNETIC see Magnetic variometer

VARNA REGION, BULGARIA—ALYSSUM

Find of Alyssum tenderiense Kotov in Bulgaria [with summary in English]. M I. Kotov. Ukr. bot. zhur. 18 no. 1:63-67 '61

VARVAROVKA DISTRICT—MOTION-PICTURE PROJECTION

Viktor Vovk, a motion-picture operator. T. Treskunova Sots kul't no 8:45-46 Ag '61

VASES, GREEK see subdivision under Yelizavetinskaya

VASIL'KOV DISTRICT—FARM MECHANIZATION

Farms are getting machinery. V. P Hlushchenko Nauka i zhyttia 11 no 7 27-29 Jl '61

VASNETSOV, VIKTOR MIKHAILOVICH, 1848-1926

Lobanov, V. M. [Viktor Vasnetsov in Moscow] Viktor Vasnetsov v Moskve. [Moskva] Mosk. rabochii, 1961. 237 p.

VASOMOTOR NERVOUS SYSTEM see Nervous system, Vasomotor

VASOPRESSIN

Secretion of the epithelium of the collecting tubules under the influence of the antidiuretic hormone [with summary in English] T V Krestinskaia Biul eksp. biol. i med 51 no 5 7-11 My '61

VAVILOV, SERGEI IVANOVICH, 1891-1951

Sergei Ivanovich Vavilov. IU. A. Korolev. Fiz. v shkole 21 no 2:31-34 Mr-Ap '61.

Sergei Ivanovich Vavilov, 1891-1951. B. Svechnikov. Opt i spektr. 10 no. 3:426-428 Mr '61

Sergei Ivanovich Vavilov, on his 70th birthday. Opt. i spektr. 10 no. 5:687-691 My '61

VAZHA-PSHAVELA, pseud. see Razikashvili, Luka, 1861-1915

VECTOR ANALYSIS

Complexity of systems in certain bases containing non-trivial elements with zero weights. E I. Nechiporuk. Dokl AN SSSR 139 no 6 1302-1303 Ag '61.

Method of successive approximations in the derivation of eigenvalues. L. N. Shablitskaia Zhur vych mat i mat. fiz 1 no. 4:711-714 Jl-Ag '61.

Multidimensional surfaces bearing a net of conjugate lines. M. A. Akivis. Dokl. AN SSSR 139 no. 6 1279-1282 Ag '61.

Radiation from a charged current-carrying thread in a moving medium. O S Mergelian Dokl. AN Arm. SSR 32 no 4:205-212 '61

Theory of the curvature of two-dimensional surfaces in a four-dimensional space A. V Chakmazian Dokl AN Arm. SSR 32 no 4.177-181 '61.

VEGETABLE GARDENING

(see also subdivision under Astrakhan Province; Moscow; Yakhroma Valley)

Antonovskii, S. IU. [Vegetables at reasonable prices all year round] Deshevye ovoshchi - krugly! god. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 110 p.

Reciprocal influence of vegetable crops. V. I. Edel'shtein. Priroda 50 no. 9 123-124 S '61.

VEGETABLE GARDENING (Continued)
[Specialized state vegetable and potato farms] Spetsializirovannye ovoshche-kartofelevodcheskie sovkhozy. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 182 p. (DA)
Vladimirova, V. L. [Growing vegetables in greenhouses and hotbeds] Vyrashchivanie ovoshchei v teplitsakh i parnikakh. Kishinev, Gos. izd-vo "Kartia moldovenieske 1959. 26 p. (Vystavka dostizhenii narodnogo khoziaistva MSSR) (DA)
Voitov, P. I. [Mechanized cultivation of vegetables] Mekhanizatsiia vozdelyvaniia ovoshchnykh kul'tur. Izd. 2., perer. i dop. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 231 p. (DA)

VEGETABLE HYBRIDIZATION see Hybridization, Vegetable

VEGETABLE TRADE—FINANCE see subdivision under Ukraine

VEGETABLES
Role of ventilation in transporting and storing fruit and vegetables I.A. G. Korkhov Kons i ov prom. 16 no 7,20-22 Jl '61
A season of the procurement of vegetables and potatoes. Sov. deput. trud. no. 9 79-80 S '61.

VEGETABLES—DRYING
Device for proportioning dried vegetables for compressing into blocks. A. M. Samokhvalenko. Kons i ov prom 16 no. 7;26 Jl '61

VEGETABLES—STORAGE
Effect of ionizing radiation on the storage quality of potatoes, vegetables, and fruits L. V Metlitskii, E N Mukhia, Kons. i ov. prom. 16 no. 7;22-25 Jl '61

VEGETABLES, CANNED
Canned small fish and vegetables. G. N Kushtalov, L. A. Mel'kova Izv vys. ucheb zav , pishch tekh. no 3;74-78 '60
New types of canned food. L. B. Kaler, A. G. IAnkovaia, P. A. Petsko. Kons. i ov. prom. 16 no. 9-20-21 S '61.
Semiprocessed vegetable products prepared in factories. N Voitenko Obshchestv. pit no. 8;26-28 Je '61
Shapiro, D. K., F. F. Zakharich, and M. M. Golomshtok. [Vegetable and mushroom canning at home] Konservirovanie ovoshchei i gribov v domashnikh usloviiakh. Izd. 2., perer. i dop. Minsk, Gos. izd-vo BSSR, Red. nauchno-tekhn. lit-ry, 1961. 105 p.

VEGETABLES, DRIED
Preparing vegetable and fruit powder in a roller dryer. E N. Volkov, A M. Prokof'eva, O. V Verkhoshanskaia. Trudy VNIIKOP no. 10;121-127 '59
Vegetable and vegetable-cereal concentrates. A. M Prokof'eva Trudy VNIIKOP no 10;128-132 '59

VEGETATION AND CLIMATE see subdivision under Crimean Mountains

VEINS
Reflex regulation of venous tone during the variation of venous and arterial pressure. G. N. Kotova Fiziol zhur. 47 no. 8;1004-1014 Ag '61.

VEITS, VENIAMIN ISAAKOVICH, 1905-1961
Brief sketch of the life and work of Veniamin Isaakovich Veits Obshch. energ. no 4;8-8 '61.
Veniamin Isaakovich Veits; obituary. V. I. Popkov and others. Elektrichestvo no. 4,91-92 Ap '61.

VENDING MACHINES
Automatic vending machines. N. Usatov. Pozh. delo 7

VENTSPILS—RESTAURANTS, LUNCHROOMS, ETC.
First steps. T. Gaidarova. Obshchestv. pit. no. 7;11-12 Jl '61.

VENTURI TUBES
Investigation of Venturi meters in hydraulic transportation I I Stovbun, V M Karasyk Visti Inst gidrol i gidr AN URSR 17 126-129 '60

VENUS (PLANET)
On the road to the solution of the riddle of Venus. S. IA. Martynov Priroda 50 no. 9 24-31 S '61.
Radio echo from Venus. Nauka i zhizn' 28 no. 7-17 Jl '61.
Under the cloud cover of Venus. F. Zigel'. Ogonek 39 no. 21-9 Je '61.

VENUS PROBES
Flight of an automatic interplanetary station toward Venus N P Erpylev Fiz v shkole 21 no 2;20 Mr-Ap '61

VESELOVSKOYE RESERVOIR—FISHES
Significance of Veselovskoye Reservoir for the reproduction of partially migratory fishes in the Azov-Don Basin. V M. Kruglova Trudy sov. ikht. kom no. 13, 430-432 '61.

VESTIBULAR APPARATUS
Obraztsova, G. A. [Formation of the vestibular function in ontogenesis] Formirovanie vestibuliarnoi funktsii v ontogeneze. Moskva, Izd-vo Akad. nauk SSSR, 1961. 120 p.

VETERINARY MEDICINE
Kovalenko, IA. P., and A. A. Petukhovskii. [Organization of veterinary service in some foreign countries] Organizatsiia veterinarnoi sluzhby v nekotorykh zarubezhnykh stranakh. Moskva, Gos izd-vo sel'khoz. lit-ry, 1961. 143 p.
Lukashev, I. I. [Specialized epizootology] Chastnaia epizootologiia. Moskva, Gos. izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 301 p. (DA)

VETERINARY MEDICINE—CONGRESSES
Vitebsk. Veterinarnyi institut. [Scientific conference; summaries of reports] Nauchnaia konferentsiia; tezisy dokladov. Vitebsk, 1957. 33 p. (DA)

VETERINARY PARASITOLOGY
Orlov, N. P. [Biological principles in the treatment and prevention of parasitic diseases] Biologicheskie osnovy lecheniia i profilaktiki parazitarnykh zabolevanii. Izd. 2., dop. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 157 p. (DA)

VETERINARY PHYSIOLOGY
Obydennov, V. A. [Structure and functions of the animal organism] Stroenie i funktsii organizma zhivotnykh. Moskva, Izd-vo "Znanie," Vses. ob-va po rasprostraneniiu polit. i nauchn. znanii, 1961. 39 p. (Narodnyi universitet kul'tury. Sel'skokhoziaistvennyi fakul'tet, no. 5)

VETERINARY RESEARCH see subdivision under Kazakhstan

VETERINARY SURGERY
Povazhenko, I. E. [General veterinary surgery] Obshchaia veterinarnaia khirurgiia. Izd. 2., ispr. i dop. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1961. 452 p. (DA)

VIBRATION
Determining the damping of elastic-viscous materials. G. S. Rosin. Izm. tekh. no. 9;21 S '61.
Effect of the size of the soil specimen on the results of laboratory determination of its resistance to shear I. A. Savchenko. [Trudy] NIIOSP no. 44;112-114 '61.
An example of subharmonic oscillations of a nonlinear system. O IA Shekhter. [Trudy] NIIOSP no. 44;5-14 '61.
Experimental investigation of the absorption coefficient of soils. I. A. Savchenko. [Trudy] NIIOSP no 44;107-111 '61.
Iaushenbakh, B. V. [Vibration combustion] Vibratsionnoe gorenie. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 500 p.
Settling caused by the action of dynamic loads D. D. Barkan, O. IA Shekhter [Trudy] NIIOSP no. 44;68-85 '61
Working semihard ground by the use of excavator buckets with vibration impact teeth N. S Shkurenko, P. V Popov [Trudy] NIIOSP no. 44;37-42 '61.

VIBRATORS
Akademiia nauk SSSR, Institut gornogo dela. [Use of vibrating machinery in mining] Primenenie vibrotekhniki v gornom dele. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 303 p.
Coefficient of the impact speed recovery in the calculation of vibration impact mechanisms. O. I. Shekhter. [Trudy] NIIOSP no. 44;31-36 '61.
Compaction of crushed stone ballast by means of machine-mounted vibratory plates P. M TSigel'nyi, G. S Andreev, G. T. Samorukova Vest TSNII MPS 20 no 5 43-46 '61
Design of rubber and metal parts for vibrating machines. V. N. Poturaev Obog rud 4 no 1,29-31 '59
Dynamics of triple mass electric vibration grizzlies and conveyers. A. D. Rudin. Obog rud 6 no 1;34-41 '61.
Method of avoiding resonance vibrations of vibration machines after stoppage. I. I Blekhman, B P Lavrov. Obog rud 4 no 3 30-42 '59.
Selecting the weight of the impact mass of a vibration hammer. M G Efremov. [Trudy] NIIOSP no. 44;25-30 '61
Sinking of heavy reinforced concrete casings. O. IA Shekhter [Trudy] NIIOSP no 44,15-24 '61
Vibration hammer for sinking and recovering medium-diameter metal pipes D. P. Vysotskii Stroi i dor. mash 6 no 8 15-17 Ag '61

VIETNAM, NORTH—COURTS
New legislative enactments in fraternal socialist countries. S. Bobotov. Sov. iust. no. 17-16-18 S '61.

VIETNAM, NORTH—DESCRIPTION AND TRAVEL
In the Democratic Republic of Vietnam N Balov. Nar obr no 9 102-104 S '61
Vietnam encounters. V. Karpov. Sov. shakht. 10 no. 8-36-37 Ag '61.

VIETNAM, NORTH—EDUCATION
In the Democratic Republic of Vietnam. N Balov. Nar. obr. no. 9 102-104 S '61.

VIETNAM, NORTH—EDUCATION, HIGHER
Let the friendship between the Soviet and Vietnamese people become stronger! Nguen Van Huen. Vest vys shkoly 19 no 8;62-63 Ag '61.

VIETNAM, NORTH—HISTORY—STUDY AND TEACHING
Achievements in the study of history in the Vietnam Democratic Republic, 1955-1960 Min Chan. Nar Azii i Afr. no 2,230-234 '61

VIETNAM, NORTH—WAGE PAYMENT SYSTEMS
Standardizing the wages of engineering and technical workers and employees in industrial enterprises of the Vietnam Democratic Republic. N Maksimov. Biul. nauch inform , trud i zar. plata 4 no. 7 63-65 '61.

VIETNAMESE LANGUAGE—VOWELS
A Vietnamese student has defended his dissertation. Vest Mosk un. Ser 7. Filol , zhur 16 no 5 95-96 S-O '61

VIL'IAMS, VASILII ROBERTOVICH, 1863-1939
Garkusha, I. F. [Life and work of Vasilii Robertovich Vil'iams] Vasilii Robertovich Vil'iams; ego zhizn' i deiatel'nost'. Gory-Gorki, Izd-vo Belorusskoi S. Kh. Akad. BSSR, 1959. 20 p.

VILNIUS—RESTAURANTS, LUNCHROOMS, ETC.
Wider socialist competition in the enterprises of Vilnius. A. Dorofeev. Obshchestv. pit. no. 7-7 Jl '61.

VILONOV, NIKIFOR EFREMOVICH, 1883-1910
[Man with a capital letter] Chelovek s bol'shoi bukvy; [sbornik. Kaluga] Kaluzhskoe knizhnoe izd-vo, 1960. 53 p. (Bortsy za vlast' Sovetov) (MH)

VINNITSA—TEACHERS COLLEGES
Let's inculcate positive undertakings. I. V. Kapeliushnyi. Rad. shk. 40 no. 7.69-72 Jl '61.

VINOGRADOV DISTRICT—UKRAINIAN LANGUAGE—DIALECTS
Characteristics of verbal forms in dialects spoken along the left bank of the Tisza River in Vinogradov District. P. M. Lyzanets'. Dop. ta pov. UzhDU, Ser. filol. no. 2: 101-102 '58.
Formation of adjectives in the Ukrainian South-Carpathian dialects spoken along the left bank of the Tisza River in Vinogradov District. P. M. Lyzanets'. Dop. ta pov. UzhDU, Ser. filol. no. 2;81-83 '58.

VINYL ACETATE
Saponification of polyvinyl acetate with dimethyl sulfate. L. Z. Kazarian, T. O. Zaprosian. Zhur. prikl. khim. 34 no. 8;1808-1900 Ag '61.

VINYL ALCOHOL POLYMERS
Saponification of polyvinyl acetate with dimethyl sulfate. L. Z. Kazarian, T. O. Zaprosian. Zhur. prikl. khim. 34 no. 8;1808-1900 Ag '61.

VINYL ETHER
Action of chloride of lime on vinyl ethers. M. Movsumzade, S. Shikhzamanova, T. Melikov Azerb. khim. zhur. no. 4;57-62 '60.

VIRGIN TERRITORY—AERONAUTICS IN AGRICULTURE
A summer on virgin lands. K. Krementsov Grazhd. av. 18 no. 7 21 Jl '61.

VIRGIN TERRITORY—AGRICULTURE
Basic farming systems in the Virgin Territory of Kazakhstan. Kh. A. Arystanbekov and others. Vest. sel'khoz. nauki [Kazakh.] 4 no. 1;3-14 Ja '61.

VIRGIN TERRITORY—CONSTRUCTION INDUSTRY

Virgin Territory's contribution to the abundance program. I. Galochkin. Nar. khoz. Kazakh 19 no. 8 14-16 Ag '61.

VIRGIN TERRITORY—CORN (MAIZE)

How the beacons light up V. Polynin Ogonek 39 no. 26 26-27 Je '61.

VIRGIN TERRITORY—DESCRIPTION AND TRAVEL

Formerly this was virgin territory V. Chichkov Vokrug sveta no. 8:1-5, 16 Ag '61.

VIRGIN TERRITORY—FARM BUILDINGS

Made of precast elements. Sel' stroi. 16 no. 7:30 J1 '61

VIRGIN TERRITORY—LAND SETTLEMENT

Agricultural migration in the U. S. S. R. I. Kuvalin. Ekon. sel'khoz 32 no. 8:35-10 Ag '61

VIRGIN TERRITORY—PEAS

Pea, a high-yielding crop in the Virgin Territory of Kazakhstan. V. P. Chernogolovin. Vest. sel'khoz. nauki [Kazakh.] 4 no. 2 24-28 F '61.

VIRGIN TERRITORY—RETAIL TRADE

Attacking old methods A Lunin Koop. Kazakh 4 no 5/6 37 My-Je '61

VIRGIN TERRITORY—STATE FARMS

Virgin Territory's contribution to the abundance program. I. Galochkin. Nar. khoz. Kazakh. 19 no. 8, 14-16 Ag '61.

VIRGIN TERRITORY—STATISTICS

Statistical organs' tasks for the near future in the Virgin Territory. Z. Trotsenko Vest stat. no 8 23-27 '61

VIRIDARSKII, MIKHAIL SERGEEVICH, 1894-1961

M. S. Viridarskii; obituary. Obshchestv. nauki v Uz. no 6:63-64 '61.

VIRUS DISEASES

Epidemiological and clinical description of epidemic diseases caused by ECHO 7 virus [with summary in English]. I. V. Sharlai, M. A. Morozenko, R. A. Grinvald. Vop. okh. mat. i det 6 no. 7:57-61 J1 '61.

Physiology of viruses and chemotherapy of virus diseases. V. L. Ryzhkov. Vest. AN SSSR 31 no. 8 59-63 Ag '61.

VIRUS DISEASES OF PLANTS

Methods of preserving X-virus antigens [with summary in English]. B. G. Boiarskii. Izv. TSKhA no. 2: 221-223 '61.

VIRUSES

Mechanism of the detoxifying action of the preparation, carbofertogel-M. M. K. Markarian, N. V. Ryzhov, E. V. Shtannikov. Voen.-med. zhur. no. 5 83-84 My '61

Nuclear polyhedrosis of Deilephila lineata var. livornica Esp. [with summary in English]. TS. A. Chkhubianishvili Dop. AN URSR no. 7 964-966 '61

VISCERA—ABNORMITIES AND DEFORMITIES

Ballistocardiogram of patients with subacute rheumocarditis with situs inversus viscerum. A. I. Batrak. Klin. med. no. 7, 141-142 '61.

VISCOSIMETRY

Viscosity of acid open-hearth furnace slags. S. V. Shtengel'meier, G. S. Ershov. Izv. vys. ucheb. zav., chern. met 4 no. 7 72-77 '61

Viscosity of air, nitrogen, and argon at low temperatures and at pressures up to 150 atm. [with summary in English]. G. P. Filippova, I. P. Ishkin. Inzh.-fiz. zhur. 4 no. 3 105-108 Mr '61.

Viscosity of molten iron with additions of oxygen and carbon Ven' Li-shi [Wên Li-shih]. Izv. vys. ucheb. zav.; chern. met 4 no. 7, 5-11 '61.

VISCOSITY

Viscosity of cracking residues. I. D. Sadykhov and others. Azerb. khim. zhur no. 2:57-61 '61.

VISIBILITY

Visibility of real objects during twilight and at night. N. G. Boldyrev, O. D. Barteneva. Trudy GGO no. 118 3-17 '61.

VISION

Determining the occupational fitness of adolescents with eyesight deviations E. S. Rutenburg. Pediatriia no 9: 69-73 '61.

Relation between the responses of tractus opticus, electroretinogram, and electrocorticogram under the effect of light flashings of different frequencies V. P. Dulenko, E. N. Sokolov. Dokl. APN no. 1:109-112 '61

VISUAL AIDS

Let's play. L. P. Gustova. Doshk. vosp. 34 no. 9:100-101 S '61.

VITAMINS

Vitamins in human nutrition. O. T. Stovbun. Nauka i zhyttia 10 no 3:46-47 Mr '60.

VITAMINS—A

Effect of vitamin A on the reactivity of the skin to short-wave radiation and chemical irritants. A. D. Troitskaia. Trudy LSGMI 52:112-120 '60.

VITAMINS—B1 see Thiamine

VITAMINS—Bc see Folic acid

VITAMINS—D

Clinical picture and treatment of hypervitaminosis D in infants [with summary in English] L. I. Beloborodova, A. A. Kudo Vop. okh. mat. i det 6 no 7:48-51 J1 '61

VITAMINS—H see Biotin

VITAMINS—M see Folic acid

VITEBSK—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

We should try to extend the participation of activists. I. Sobolev, A. Pozdniak. Part. zhizn' no. 18:50-53 S '61.

VITICULTURE see subdivision under Krasnodar Territory; Sudakskaya Valley; Transcarpathia

VITICULTURE—EQUIPMENT AND SUPPLIES

Devices for setting trellis posts and tightening wire in vineyards. A. S. Patsiuk Biul. tekh.-ekon. inform no 8 71-73 '61

VIVIANITE

Structure of vivianite and its derivatives. R. S. Gamidov, Kh. S. Mamedov. Azerb. khim. zhur. no 4:121-125 '60

VLADIMIR PROVINCE—AUDITING

When initiative is absent in the control and auditing work N. Gorlachev. Fin. SSSR 22 no. 8 59-64 Ag '61

VLADIVOSTOK—FOUNDATIONS

Building multiple-story houses on weak soils. N. N. Klimenko, G. K. Shilov. Osn., fund. i mekh. grun. 3 no. 4:18-21 '61.

VLADIVOSTOK—HISTORY—STUDY AND TEACHING

Improvement in the teaching of history should be the daily concern of the party. D. P. Belykh Prep. ist. v shkole 16 no. 5 18-24 S-O '61

VLADIVOSTOK—HOSPITALS, MILITARY

The 100th anniversary of the Vladivostok Military and Naval Hospital A. I. Khakham. Voen.-med. zhur. no 6:92 Je '61.

VNUKOVO—AERONAUTICS—STUDY AND TEACHING

Starting with young years G. Ivanov. Grazhd. av. 18 no 7 27 J1 '61

VNUKOVO—AIRPLANES—MAINTENANCE AND REPAIR

Joy of every day. M. Shur. Grazhd. av. 18 no 7 19-20 J1 '61

VNUKOVO—AIRPORTS—TECHNOLOGICAL INNOVATIONS

Technical Council is in action S. Alentiskii. Grazhd. av 18 no 7-8 J1 '61

VNUKOVO—DISPENSARIES

Dispensary in a capital should be a model. G. Starikov. Grazhd. av. 18 no. 8-28 Ag '61

VOCATIONAL EDUCATION

(see also subdivision under Austria, Gorkiy Province; Moscow; Omsk Province)

In the State Committee for Vocational and Technical Education of the Council of Ministers of the U. S. S. R. Prof.-tekh. obr. 18 no 5-6 My '61

Komarov, L. A. [Planning the training and distribution of specialists in the U. S. S. R.] Planirovanie podgotovki i raspredeleniia spetsialistov v SSSR. Moskva, Izd-vo ekon. lit-ry, 1961. 104 p.

Survey of editor's mail on the practical graduation projects. Sred. spets. obr. 8 no. 8:14-16 Ag '61.

Tasks of secondary special schools of the U. S. S. R. in the coming school year. Sred. spets. obr. 8 no. 8:1-6 Ag '61.

Teachers' an instructor in work training. K. N. Karagez'ian. Sred. spets. obr. 8 no 8:32-35 Ag '61.

Veselov, A. N. [Vocational and technical education in the U. S. S. R.; outline history of secondary and elementary vocational and technical education] Professional'no-tekhnicheskoe obrazovanie v SSSR; ocherki po istorii srednego i nizshego professional'no-tekhnicheskogo obrazovaniia. Moskva, Vses. uchebno-pedagog. izd-vo Profizdat, 1961. 434 p.

Vocational education in secondary schools. B. F. Raiskii. Sov. pedag 25 no 8:55-62 Ag '61

"Vocational training of students" by L. B. Itel'son. Book review. Nar. obr. no 8-119 S '61.

VOCATIONAL EDUCATION—EXHIBITIONS see subdivision under Moscow

VOLATILITY

Methods of measuring the pressure of vapors of low-volatility substances. V. I. Lozgachev. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 4:31-38 J1-Ag '61.

VOLCANIC ASH, TUFF, ETC.

(see also subdivision under Cheleken Peninsula)

Volcanoes and lunar eclipses (from "Studia geophysica et geodaetica," vol. 5, no. 1, 1961). Priroda 50 no. 9: 119 S '61.

VOLCANOES see subdivision under Armenia; Hawaiian Islands, Soviet Far East

VOLGA-BALTIC WATERWAY see Mariinsk Canal System

VOLGA DELTA—FISHES

Effect of changes in different environmental factors on the nature and success of spawning of partially migratory fishes in the lower part of the Volga Delta. A. F. Koblitskaia Trudy sov. Ikht. kom. no. 13:265-276 '61.

VOLGA DELTA—PERCH

Influence of pike and perch on some fish populations in the Volga Delta. O. A. Popova Trudy sov. Ikht. kom. no. 13 283-289 '61

VOLGA DELTA—PIKE

Influence of pike and perch on some fish populations in the Volga Delta O. A. Popova. Trudy sov. Ikht. kom. no 13 283-289 '61.

VOLGA HYDROELECTRIC POWER STATION (22d Congress of the CPSU)

At the Stalingrad Hydroelectric Power Station. M. I. Gal'perin. Energomashinostroenie 7 no. 7:23, 29 J1 '61.

Effect of the Stalingrad Hydroelectric Power Station on the national economy. A. N. Chemin, E. A. Elokhin. Gidr. stroi. 31 no. 8 7-10 Ag '61.

Great victory of Soviet hydroelectric power construction workers. I. T. Novikov. Gidr. stroi. 31 no. 8:5-6 Ag '61.

New machinery and equipment for construction of the Stalingrad Hydroelectric Power Station. G. B. Rutberg, A. A. Smoliar. Gidr. stroi. 31 no. 8 24-28 Ag '61.

Precast reinforced concrete in the main structures of the Stalingrad Hydroelectric Power Station. Iu. S. Abramov, I. I. Bitiukov. Gidr. stroi. 31 no. 8:18-23 Ag '61.

Some designs and details of hydraulic structures of the Stalingrad Hydroelectric Power Station. A. V. Mikhailov. Gidr. stroi. 31 no. 8:11-18 Ag '61.

Temporary operation of Stalingrad Hydroelectric Power Station equipment. M. A. Ivanov. Gidr. stroi. 31 no. 8, 32-35 Ag '61.

VOLGA HYDROELECTRIC POWER STATION (22d Congress of the CPSU)—BRIDGES, CONCRETE

Erecting the supports of the bridge crossing at the Stalingrad Hydroelectric Power Station. I. I. Bitiukov, A. F. Talyzov Gidr. stroi. 31 no. 8:29-31 Ag '61.

VOLGA RIVER—FISHERIES

Characteristics of fish resources in the Stalingrad Reservoir zone A. N. Lakovleva. Trudy sov. Ikht. kom no. 13:248-253 '61.

Effect of streamflow regulation of the Volga River on the productivity of roach, bream, and pike perch. T. K. Nebol'sina. Trudy sov. Ikht. kom. no. 13:411-413 '61.

VOLGA RIVER—FISHES

Significance of the high-water period in seasonal dynamics of biological indices of some fish species in the lower course of the Volga River. N. A. Konstantinova. Trudy sov. Ikht. kom. no. 13:420-426 '61.

VOLGA RIVER—HERRING

Possible effect of hybridization on changes in the abundance of the Volga herring and the Caspian shad. E. N. Kazancheev. Trudy sov. Ikht. kom. no. 13:443-444 '61.

VOLGA RIVER—PERCH

Long-range variations in the composition and strength of the pike perch stock of the Volga River. A. G. Kuz'min. Trudy sov. Ikht. kom. no. 13:411-419 '61.

VOLGA-URAL PETROLEUM REGION see Second Baku

VOLGA-URAL REGION—HYDROLOGY

Hydrological regions of the Volga-Ural interfluve and elements of the water balance. P. F. Idzon Trudy Lab. lesoved. 3:151-234 '61.

VOLGA-URAL REGION—SHALE

Gulianova, L. A., V. A. Zav'ialov, and E. IA. Podel'ko. [Geochemistry of domanik sediments in the Volga-Ural region] Geokhimiia domanikovykh otlozhenii Volgo-Ural'skoi oblasti. Moskva, Izd-vo Akad. nauk SSSR, 1961. 102 p.

VOLGA VALLEY—IRRIGATION FARMING

Basin snow-water irrigation is an important potential for increasing produce production. A. Stepanov Ekon. sel'khoz. 32 no 8:88-94 Ag '61.

VOLGA VALLEY—PALEONTOLOGY, STRATIGRAPHIC

[Regional stratigraphy of the U.S.S.R.] Regional'naia stratigrafiia SSSR. Glav. red. N.S. Shatskii. Moskva.
Vol. 5. Dalmatskaia, I.I., and others [Stratigraphy of the Middle Carboniferous sediments of the central and eastern parts of the Russian Platform based on the studies of Foraminifera] Stratigrafiia srednekamennougol'nykh otlozhenii tsentral'noi i vostochnoi chasti Russkoi platformy (na osnove izucheniia foraminifer).
Pt. 2. [Volga and Kama Valleys] Povolzh'e i Prikam'e. 1961. 355 p.
[MICROFILM]

VOLGA VALLEY—SEDIMENTS (GEOLOGY)

Relationship between marine and continental sediments in the lower and middle Volga Valley. IU.M. Vasil'ev, P.V. Fedorov. Izv. AN SSSR. Ser geol 26 no 9, 91-99 S '61

VOLGA VALLEY—WINDBREAKS, SHELTERBELTS, ETC.

Tree belts on the Solonetz soils of the Volga Valley. B I Lapin Put' i put khoz 5 no 6 30-31 Je '61

VOLGOGRAD—BORING MACHINERY

Toward new boundaries K. Bogatov NTO 3 no. 9-26 S '61

VOLGOGRAD—FIREMEN

Answering the call of the heart A. Aliab'ev, F Klimov Pozh. delo 7 no 8 10 Ag '61.

VOLGOGRAD—HOME AND SCHOOL

Enthusiasts. P. Il'iashenko. Sem'ia i shkola 16 no 8-13-14 Ag '61.

VOLGOGRAD—PETROLEUM—REFINING

Prerefining of petroleum. I P Kovalev Neftianik 6 no 4 15-17 Ap '61.

VOLGOGRAD—PLANETARIA

Bezverkhova, E.V. [Operation of the Stalingrad Planetarium] Ob opyte raboty Stalingradskogo planetariia. Moskva, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, 1960. 30 p.

VOLGOGRAD—PLASTERING

We will fulfill our pre-Congress obligations N. Shanodin Stroitel' no 8 10 Ag '61

VOLGOGRAD PROVINCE—AUDITING

Joint control S Alimov, G. Naumenko Fin SSSR 22 no 8 72-74 Ag '61.

VOLHYNIA—ANTIQUITIES

"Antiquities of eastern Volhynia." Reviewed by IE. V. Makhno. Ukr ist. zhur. 5 no. 5:152 S-O '61

VOLHYNIA—BONE IMPLEMENTS

Ancient Russian bone and horn articles found in Galicia and Volhynia territory. A.A. Ratich. Mat. i dosl. z arkheol. Prikarp. i Vol. no. 2-119-131 '59.

VOLHYNIA—HORN CARVING

Ancient Russian bone and horn articles found in Galicia and Volhynia territory. A. A. Ratich. Mat i dosl z arkheol Prikarp. i Vol. no. 2 119-131 '59.

VOLHYNIA—RUSSIANS

Economy, social relations and tribes of the ancient Russian population in western Volhynia. V.V Aulikh Mat. i dosl. z arkheol Prikarp. i Vol. no 2 146-156 '59.

VOLITION see Will

VOLKOV, MIKHAIL, 18th cent.—FICTION

Rekhlov, V.S. [A tale about Mikhail Volkov] Povest' o Mikhaile Volkove, [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1960. 176 p.
(MH)

VOLLEYBALL

Oskolkova, V.A., and M.S. Sungurov. [Volleyball] Voleibol. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1961. 293 p.

VOLOGDA—MUNICIPAL SERVICES

Vologda ordeal. K. Obolenskii. Ogonek 39 no. 39-20 S '61.

VOLOGDA PROVINCE—EVENING AND CONTINUATION SCHOOLS

On the basis of their own production S Korovina Nar obr. no 9-86-87 S '61.

VOL'SKI, VITALI, 1901-

Many-sided talent. M. Bazarevich. Belarus' 18 no. 9-16 S '61.

VOLTAGE REGULATORS

High-voltage rectifier with continuous control of the high potential. V.G. Voronov, V. M. Glushach Vest. elektroprom. 32 no. 8-38-40 Ag '61.

Single-phase and three-phase voltage stabilizers with magnetized autotransformers. A. M Bamdas, S V. Shapiro Vest elektroprom. 32 no 9 45-49 S '61

VOLTAMETER

Attachment with power supply from the network. V. Bychkov Radio no 3-36-37 Mr '61.

Battery attachment to an avometer. V. Markin. Radio no 3 36 Mr '61

VOLTMETER

High-resistence voltmeters measuring corrosion on underground metallic structures V G Rotbart Stroi truboprov 6 no 7 23-25 Jl '61

VOLTMETER, ELECTRON-TUBE see Electron-tube voltmeter

VOLTOHMMETER

Attachment with power supply from the network. V. Bychkov. Radio no 3 36-37 Mr '61.

Battery attachment to an avometer. V. Markin. Radio no. 3-36 Mr '61.

VOLZHSKIY—CITY PLANNING

Pavlichenkov, V.I. [Volzhskiy; residential and urban construction] Volzhskii; zhilishchno-grazhdanskoe stroitel'stvo. Pod red. P.A. Volodina Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 133 p. (Opyt sovetskoi arkhitektury)

VORONEZH—POWER PRESSES

"Lapygina" presses M Baraban Izobr. i rats. no 9 8 S '61.

VORONEZH—THEATER

Actor Sergei Papov Mikhail Sergeenko Teatr 22 no 9, 79-88 S '61

VORONEZH PROVINCE—GRAIN—TRANSPORTATION

Grain, roads, and people. O Knorring. Ogonek 39 no. 34 2-3 Ag '61.

VORONEZH PROVINCE—LEAF ROLLERS

Oak leaf roller in Voronezh Province [with summary in English]. N.N. Egorov, N.N. Rubtsova, T.N. Solozhenkina. Zool zhur. 40 no. 8 1172-1183 Ag '61.

VOROSHILOVGRAD see Lugansk

VOROSHILOVGRAD PROVINCE see Lugansk Province

VOROSHILOVSK—CITY PLANNING

Microdistrict in Voroshilovsk. L Fedosov, E Belousov, V. Reva. Stroi i arkhit 9 no. 8 9-11 Ag '61.

VOROSHILOVSK—SINTERING—EQUIPMENT AND SUPPLIES

Introduction of electrovibrating machines at the Alchevsk Sintering Plant. A. S. Zamiatin, V. I. Polinkov Obog rud 5 no. 5:54-59 '60

VORSKLA VALLEY—FUNGI, PHYTOPATHOGENIC

Mycological characteristics of forests in the middle Vorskla Valley [with summary in English]. A.S. Bukhalo. Ukr bot. zhur. 18 no. 4 113-120 '61.

VORTEX MOTION

Heat transfer in turbulent flow of a fluid in the case of high Prandtl numbers [with summary in English]. TSai Ko-en [TS'ai K'uo-eng] Inzh.-fiz. zhur 4 no 8:20-29 Ag '61.

Methods for measuring the propagation velocity of a turbulent flame. L.S. Kozachenko. PMTF no. 3-112-117 S-O '61.

Phenomenological deduction of the equation of vortex motion for He II [with summary in English] I. L Bekarevich, I. M. Khalatnikov Zhur eksp i teor. fiz. 40 no. 3:920-925 Mr '61

They tamed a tornado.... E. Temchin. Ogonek 39 no. 24 7-8 Je '61.

VOTKINSK DISTRICT—AGRICULTURE—AUDITING AND INSPECTION

From the work practice of district inspectors of government statistics V. Ivanov. Vest stat no 8 78 '61.

VOTKINSK DISTRICT—AGRICULTURE—STATISTICS

From the work practice of district inspectors of government statistics V Ivanov Vest. stat. no 8-78 '61

VOYAGES AND TRAVELS

Barashev, P.R. [Report from five continents] Reportazh s piati kontinentov, Moskva, Izd-vo "Pravda," 1961. 78 p. (Biblioteka "Komsomol'skoi pravdy," no. 8)

VULCANIZATION
(see also subdivision under Erivan)

Efficient laboratory method for determining the tendency of rubber mixtures for prevulcanization A. I Lukomskaia and others. Trudy Nauch.-issl. inst shin. prom. no. 7:154-167 '60.

Individual vulcanizer for removable wire beads. G. A. Gavrilenko, D I. Rynzin. Kauch. i rez. 20 no. 8-45-48 Ag '61.

Methods of selecting molds for vulcanizing presses. I.V Kodolov, A. F. Savel'ev. Kauch. i rez. 20 no. 8-35-39 Ag '61.

Vulcanization of rubber with mercaptan in the presence of carbon blacks. L. S. Fel'dshtein and others. Kauch. i rez. 20 no. 6:28-32 Ag '61.

VURNARY DISTRICT—COLLECTIVE FARMS

Markelov, I.A. [Contribution of the club to collective-farm production] Klub-kolkhoznomu proizvodstvu; iz opyta raboty Vurmankasinskogo sel'skogo kluba Vurnarskogo raiona Chuvashskoi ASSR. Moskva, Izd-vo "Sovetskaia Rossiia." (Bibliotechka sel'skogo klubnogo rabotnika, no 7)
No. 3. 1961. 33 p.

VYLUZGA, DANILA FEDOROVICH, d. 1569

Danila Vyluzga, Czar's clerk IU. M. Zolotov Sov. arkheol 5 no 3-297-298 '61

WAGE PAYMENT SYSTEMS
(see also subdivision under Bulgaria, Vietnam, North)

Assembly-line work and wage payment systems V. Spitsova and others Sots trud 6 no 8 105-115 Ag '61

Branch conference of the workers of ferrous and nonferrous metallurgy. V Udovichenko Biul nauch inform., trud i zar plata 4 no 7 50-53 '61

Changing article 3 of the No 231/6, February 18, 1960, decision of the State Committee on Problems of Labor and Wages of the Council of Ministers of the U.S.S.R. and of the Secretariat of the All-Union Central Council of Trade Unions Biul Gos kom. po vop truda i zar platy no. 6-7-8 '61.

Improve the working of the new wage systems in lumbering. K Ippolitov Sots trud 6 no 8 52-59 Ag '61.

Improving wages in city transportation P Ulitskii, I Chubukov Sots. trud 6 no 8, 60-65 Ag '61.

Regulating wages and establishing work norms L Pogrebnoi Sov profsoiuzy no 17, 24-26 S '61

Supplementing criteria for procedures in assigning river fleet enterprises and organizations as well as river fleet vessels to managerial, engineers, technicians and command personnel wage groups. Biul. Gos kom po vop. truda i zar. platy no. 6, 8 '61.

WAGE PAYMENT SYSTEMS—BIBLIOGRAPHY see Bibliography—Wage payment systems

WAGES

Conference on labor and wages. S U Lyskovich. Koks i ov, prom. 16 no 6:41-43 Je '61

Material and moral incentives for work in the period of the transition to communism N. I. Ponomarenko. Koop. Kazakh 1 no 1-39-43 Ap '61.

New wage specifications for automotive transportation workers. B. M. Ginodman Gor. khoz. Mosk 35 no 8-31-32 Ag '61

"Real wages and the improvement of the material welfare of the U.S.S.R. workers" by S.P. Figunov. Reviewed by A. Linpin, Vop. ekon. no 9 113-118 S '61.

Regulations for calculating the periods of service necessary for the issuing of benefits to the workers of the Antarctic whaling fleets. Biul. Gos kom. po vop truda i zar. platy no. 6-10-11 '61.

We answer readers' questions. Sel' stroi 16 no 7-20 Jl '61.

WALKING
(see also subdivision under Moscow region)

Load distribution on the foot in standing and walking (Electrodynamographic studies). N.P. Chernina, V.P. Davydova, V.I. Koriukin. Ortop., travm. i protez no. 7, 40-45 '61.

Receptive field of the stepping reflex in dogs with transected spinal cord L. N. Deriabin. Fiziol zhur 47 no. 8:1040-1045 Ag '61.

WALLS

Changes in the cost of walls as related to the varying orientation of buildings without cellars relative to the horizontal surface lines R M Rondel' Sbor. nauch trud. Bel politekh. inst no. 89-16-21 '60.

The effect of air permeation on the heat exchange and humidity processes in exterior walls. IA. E Odel'skii. Sbor. nauch trud. Bel politekh. inst. no 80:59-72 '60.

Panel and frame-panel reed pressboard buildings. D. Gol'berg, S Rendino, S. Serzhantov Zhil. stroi no 8 17-18 Ag '61.

Testing the air and water permeability of joints of exterior walls in large-panel buildings. A. Ernel'ianov, R. Rezykov Zhil. stroi no. 8 13-16 Ag '61.

WALLS—THERMAL PROPERTIES

Choosing lightweight outer walls and heating systems for apartment houses [with summary in English, p 70] S. B. Dekhtiar, IA D. Peker Visnyk ABiA URSR no. 2: 51-57 '61.

WAR

Efremov, A.E. [The real nature of "limited" wars] Za shirmoi "ogranichennykh" voin. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 82 p.

Fedorov, G.A., N.IA. Sushko, and B.A. Belyi, eds. [Marxism-Leninism on war and the army] Marksizm-leninizm o voine i armii. Izd. 2, peror. i dop. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 393 p.

The nature of present-time wars. S. Kozlov. Komm Vooruzh Sil 1 no. 2-13-20 Ja '61.

WAR (Continued)

Our time and Lenin's theory of war and peace. A. Makhov, E. Rybkin. Komm. Vooruzh. Sil 1 no 7 15-25 Ap '61.

Prevention of war is the most important problem of our time. A. Kirillov. Komm. Vooruzh. Sil 1 no 3 11-22 N '60

The problem of strengthening the defense of the Soviet state in the proposed program of the CPSU. N. Kirnaev. Komm. Vooruzh. Sil 1 no. 17 22-30 S '61

WAR—ECONOMIC ASPECTS

Importance of economics in supplying the needs of war. M. Shirokov. Voen.-ist. zhur. 3 no 7:56-67 Jl '61

WAR MEMORIALS see subdivision under Leningrad

WAR SONGS

Elyseev, Theodore. [Songs of Kuban Cossacks] Pesni Kubanskikh kazakov. New York.
Nos. 1-2. 1960.
(NN)

WARBLERS see subdivision under Kyzyl Kum

WAREHOUSES see subdivision under Ukraine

WARPING MACHINES

Intermittent and continuous warping. N. K. Ovtsyn. Tekst. prom. 21 no 7 30-32 Jl '61.

WASHING MACHINES

Machine for washing re-usable glass containers. E. Kh. Rung, G. N. Semiakin, S. A. Rassadina. Kons. i ov. prom. 16 no 6:16-18 Je '61.

WASPS see subdivision under Georgia

WASTE PAPER see subdivision under Chuyskiy District

WATER

Activity of water in three-component solutions of alkali metal chlorides [with summary in English]. M. S. Stakhanova, V. A. Vasilev. Zhur. fiz. khim. 35 no 8: 1839-1845 Ag '61.

Catalytic action of water on chemical reactions between oxides at high temperatures. A. I. Leonov. Izv. AN SSSR Otd. khim. nauk no 8 1411-1416 Ag '61

Separation of oxygen isotopes by the exchange $CO_2 + H_2O$ in an electric discharge. I. A. Semiokhin and others. Zhur. fiz. khim. 35 no. 8:1881-1883 Ag '61

WATER—COMPOSITION
(see also subdivision under Baikal, Lake; Danube Delta; Kiliyskoye Girlo region, Koshkarchay River; Mingechaur Reservoir, Pacific Ocean)

Isothermal crystallization of alkaline oil well waters. P. F. Rza-Zade, P. G. Rustamov. Azerb. khim. zhur. no 1:77-83 '61

Seasonal variations in the chemical composition of river waters in the Central Black Earth Region. N. N. Lapshina. Sbor. rab. Kursk. gidromet. obser. no 1.74-83 '60.

WATER—MICROBIOLOGY see subdivision under Danube Delta

WATER—OPTICAL PROPERTIES see subdivision under Pacific Ocean

WATER—POLLUTION see subdivision under Danube Delta

WATER—PURIFICATION

Determination of fundamental calculation parameters in planning purification structures for lake and pond waters. N. A. Grishchenko. Trudy Ural. politekh. inst. no. 85;39-42 '60.

Experience in using magnetic water treatment in a closed heat supply network. N. P. Lapotyshkina, R. P. Sazonov. Elek. sta. 32 no. 6 27-28 Je '61.

Investigating the hydrodynamic characteristics of a circular settling tank. M. F. Ippolitov. Trudy Ural. politekh. inst. no. 85:5-11 '60.

Mud collecting capacity of contact clarifiers in the treatment of highly turbid river waters. V. A. Radtsig, V. M. Gorbachev. Trudy Ural. politekh. inst. no. 85;28-38 '60.

Neutralization of acidic regenerated wash-water by a refill filter. R. L. Babkin, R. E. Golovko. Energetik 9 no. 4:27-30 Ap '61.

WATER—SOFTENING

Combined sodium-ammonia cation exchange in the regeneration of cationite filters by sea water. M. T. Molchadskii. Energetik 9 no. 4:13-16 Ap '61.

WATER—THERMAL PROPERTIES

Equation of state of water based on experimental data. M. P. Vukalovich and others. Teploenergetika 8 no. 4: 76-81 Ap '61.

Role of thermal expansion of water during the use of siphons in some hydrological apparatus. V. P. Matveev. Trudy Lab. ozeroved. 11:111-115 '60.

Thermal coefficients of water. A. M. Mamedov. Teploenergetika 8 no. 5:79-81 My '61.

WATER, DISTILLED

Apparatus for the distillation of water. K. I. Kal'pchiev. Khim. v shkole 16 no 4.82-83 Jl-Ag '61

WATER, UNDERGROUND
(see also subdivision under Golodnaya Steppe, Kara Kum, Siberia, Western; Yangi-Yer; Zaunguzskiye Karakumy)

Calculating the flow of underground water toward water intake works considering the drainage of the stratum in the area of its cropping out. F. M. Bochever. Izv. AN SSSR Otd. tekh. nauk. Mekh. i mashinostr. no 4 161-166 Jl-Ag '61.

Investigation of the effect of forests on ground water. N. S. Bibikov. Trudy Lab. lesoved. 3:115-135 '61

Role of impervious lenses of sand massifs in the feeding of deep underground fresh waters. I. IA. Davydov. Izv. AN Turk. SSR, Ser. fiz.-tekh., khim. i geol. nauk no 1 115-116 '61

Some recent data on the hydrogeology and tectonics of the Yeysk-Berezanskaya gas producing area. S. B. Vagin and others. Dokl. AN SSSR 139 no 5 1205-1207 Ag '61

Steady-state movements of ground water in strata bordering on weakly permeable strata. P. IA. Polubarinova-Kochina. PMTF no 1 91-95 My-Je '60

Using S. D. Gritsiuta's method for detecting cobalt in natural waters and in waters extracted from soil. E. A. Kiuregian. Izv. AN Arm. SSR, Geol. i geog. nauki 14 no 3 37-42 '61

Vsesoiuznoe soveshchanie po geotermicheskim issledovaniiam. [Problems in geothermy and the practical utilization of the earth's heat, transactions] Problemy geotermii i prakticheskogo ispol'zovaniia tepla Zemli; trudy. Moskva, Izd-vo Akad. nauk SSSR
Vol. 2. 1961 304 p.

WATER, UNDERGROUND—COMPOSITION see subdivision under Golodnayn Steppe

WATER BIRDS

With a motion-picture camera to seashore colonies of birds. L. N. Golovnia. Priroda 50 no 9 84-89 S '61.

WATER GATES see Sluice gates

WATER HAMMER

Analytical expression of the equations of water hammer in pipelines with a closed end. N. K. Ioannisian. Izv. AN Arm. SSR, Ser. tekh. nauk 14 no. 3 3-12 '61.

WATER HEATERS

Combination cooker-boiler. A. Vysheleskii, K. Glagolev. Obshchestv. pit. no. 7 47-49 Jl '61.

WATER IN THE BODY

Effect of the amount of water in tissues of the crustacean Balanus improvisus on its radiosensitivity. E. V. Burlakova, I. M. Limarenko. Radiobiologiia 1 no. 3: 378-384 '61.

WATER PIPES

Corrections for the method for the installation of a thermocouple in measuring the temperature of the heat carrier in pipes with a small diameters. V. N. Deshkin, P. L. Magidei. Energomashinostroenie 7 no. 5 13-16 My '61

WATER PLANTS see Aquatic plants

WATER RESOURCES DEVELOPMENT
(see also subdivision under Chu Valley; India; Rumania)

Diversity of capital expenditures and yearly outlays in the integrated utilization of water resources. D. S. Shchavelev. Gidr. stroi. 31 no. 8, 40-44 Ag '61.

WATER RESOURCES DEVELOPMENT—ABSTRACTS

[Information bulletin of the Moscow Institute of Water Resources Engineers] Inform. sbor. MIIVKH no. 1 '59.

WATER SUPPLY see subdivision under Golodnaya Steppe; Kizel Basin

WATER SUPPLY, RURAL

Summaries of books. Na stroi. Ros. no. 7:40 Jl '61.

Water supply in a rural location. E. Ivanov. Sel'. stroi. 16 no. 7 insert:7-8 Jl '61.

WATER-SUPPLY ENGINEERING
(see also subdivision under Kazakhstan)

Calculating the flow of underground water toward water intake works considering the drainage of the stratum in the area of its cropping out. F. M. Bochever. Izv. AN SSSR, Otd. tekh. nauk, Mekh. i mashinostr. no. 4. 164-166 Jl-Ag '61.

Method of distributing unbalanced pressures through several cycles. E. I. IAres'ko. Trudy Ural. politekh. inst. no. 85:53-65 '60.

Method of distributing unbalanced pressures within a single cycle. E. I. IAres'ko. Trudy Ural. politekh. inst. no. 85:66-75 '60.

Porous reinforced-concrete filter for boreholes. V. S. Tereshchenko. Izv. AN Kir. SSR, Ser. est. i tekh. nauk 2 no. 4:121-132 '60.

WATER TURBINES see Hydraulic turbines

WATER VAPOR

Effect of foreign gases on the absorption of infrared radiation by water vapor. K. P. Vasilevskii. Opt. i spektr. 11 no. 2 207-215 Ag '61

Kinetics of the catalytic conversion of a methane-hydrogen mixture with water vapor. V. P. Rozhdenstvenskii, M. V. Il'ina-Veselova. Zhur. prikl. khim. 34 no. 8 1831-1841 Ag '61

WATERMARKS

Studies of Soviet historians on watermarks and stamps in the paper produced by Russian paper mills. L. M. Khlebnikov. Ist. arkh. 7 no 1:247-252 Jl-Ag '61

WATERPROOFING—EQUIPMENT AND SUPPLIES

Waterproofing unit operating on a gas flame. M. Mints. Stroitel' no 7 25-26 Jl '61

WAVE GUIDES

Application of network theory to septate wave guides. A. G. Tragov. Izv. vys. ucheb. zav., radiotekh. 3 no 6 644-651 N-D '60

Dispersive properties of a ridged wave guide with narrow crosspieces. V. P. Shestopalov, O. A. Tret'iakov, S. S. Kalmykova. Zhur. tekh. fiz. 31 no 9 1104-1111 S '61

Double row ladder-type delay system [with summary in English]. IU. G. Al'tshuler, A. S. Tatarenko, V. I. Skordunov. Izv. vys. ucheb. zav., radiofiz. 4 no. 1 126-135 '61.

Effect of a flexure in a wave guide. A. G. Sveshnikov. Zhur. vych. mat. i mat. fiz. 1 no 4:737-741 Jl-Ag '61

Effect of the curvature on the properties of periodically diaphragmed wave guides with a rectangular cross section. B. N. Morozov. Radiotekh. i elektron. 6 no. 9:1496-1500 S '61

Graphic method for solving a transcendental equation obtained in studying the wave interference in a wave guide containing a dielectric loaded with an attenuator. IU. Smirnov. Uch. zap. Kuib. gos. ped. inst. no 29,113-117 '59

H_{0n}-type waves in a wave guide with diaphragms. K. M. Arkhipova, V. A. Sudakov. Prohl. pered inform. no. 10 108-118 '61

One wave guide method for measuring the permeability of ferrites. IU. A. Smirnov. Uch. zap. Kuib. gos. ped. inst. no 29:97-102 '59.

Phase measurement errors in using a double wave guide triplet. G. V. Grisha. Izv. vys. ucheb. zav., radiotekh. 3 no. 6 663-664 N-D '60.

Problems concerning the calculation of linear electron accelerating devices. A. V. Shal'nov, A. A. Glazkov. Izv. vys. ucheb. zav., radiotekh. 3 no 6 598-604 N-D '60

Propagation of a quasi-circular electric wave in an H-shaped wave guide. V. M. Sedykh, A. F. Zorkin. Zhur. tekh. fiz. 30 no 2 159-164 F '60.

Propagation of microwaves in a wave guide containing cathode parts of a glow discharge. A. M. Starik. Radiotekh. i elektron. 6 no. 9 1533-1539 S '61

Reflection of electromagnetic waves from a plasma moving in a slow-motion wave-guide. V. I. Kurilko. Zhur. tekh. fiz. 31 no. 8 899-906 Ag '61.

Variation principle for hollow-space systems with anisotropic medium. V. V. Nikol'skii. Radiotekh. i elektron. 6 no. 9. 1583-1585 S '61

Wave guide method for measuring the permeability of barium titanates. IU. A. Smirnov. Uch. zap. Kuib. gos. ped. inst. no 29,93-96 '59.

WAVE MECHANICS

Comments on the asymptotic nature of the eigenfunctions of Schrödinger's equation. V. Maslov. Usp. mat. nauk 16 no. 4 253-254 Jl-Ag '61.

Forced infinitesimal waves in a radiating barotropic medium. V. A. Prokof'ev. Vop. mekh. no. 193 93-130 '61.

One approximate meth
equation. V. B. Uvar
i mat. fiz. 1 no. 1:1

Propagation of natur
viscous gas. V. A.
131-156 '61.

Solution of equations
ship in an oblique
Vasil'ev. Izv. AN
mashinostr. no 4

Tables of the param
atoms and ions. P
Opt. i spektr. 10

WAVES

Application of confor
lems of the propag
media. V. I. Ivanov
no. 2:248-254 Mr-

Conditions of the ex
plitude in a dissipa
lish]. G. D. Mikha
Mr '61.

Finding asymptotic
problems. A. IA. F
vych. mat. i mat. fi

WAVES (Continued)

Symposium on wave diffraction N. N. Moiseev, A. G. Sveshnekov. Zhur vych. mat i mat fiz. 1 no 1:181-182 Ja-F '61.

Transformation of unidirectional waves R M Kiladze Soob AN Gruz SSR 26 no 5 521-526 My '61.

WAVES, CALMING OF

A storm commits "suicide" IU. Moralevich. Znan. sila 36 no 8.21-22 Ag '61

WEATHER FORECASTING

Numerical prediction of humidity, cloudiness, and atmospheric precipitation V V Ovsiannikov Trudy TSIP no. 81 92-112 '61

Use of foreign methods in monthly weather forecasting under conditions prevailing in the European part of the U S S R and Western Siberia V G. Shishkov Meteor. i gidrol no 9 29-33 S '61

WEAVING

(see also subdivision under Azerbaijan)

Reducing yarn breakage in weaving I P Volkov Tekst. prom 21 no.7 43-44 Jl '61

WEED CONTROL

Weed control on the tracks. D. P. Belov. Put' i put. khoz. 5 no.7 47-48 Jl '61.

WEIGHTS AND MEASURES

Constructing unit systems. B. I. Pilipchuk Fiz. v shkole 21 no. 3:28-30 My-Je '61

WELDING

Chekanov, A. A. [Modern welding methods] Sovremennye metody svarki. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 302 p.

Cherniak, V. S., and K. P. Voshchanov. [Young welder's handbook] Spravochnik molodogo svarshchika. Izd. 2., perer. i dop. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1961. 656 p.

In the welding section of the Central Administration of the Scientific Technological Society for the Machinery Industry G A Maslov Svar proizv no 8 43-44 Ag '61.

WELDING—ACCOUNTING

Economic analysis of alternate ways for the prevention of welding deformations. A. I. Faerman, A. N Rezanov Svar. proizv. no. 9 17-20 S '61

WELDING—BIBLIOGRAPHY see Bibliography—Welding

WELDING—CONGRESSES

In the Coordinating Council on Welding Avtom svar 14 no 9 94 S '61.

Participation of the Soviet delegation in the 14th Congress of the World Institute of Welding. Svar. proizv. no. 9:39-40 S '61.

Scientific Technological Conference on the quality control of welding in railroad transportations K. V Zvegintseva Svar proizv no 8 44-45 Ag '61

Second Siberian Scientific Technological Conference on Welding and Hard Facing. V. F. Tiurin. Svar. proizv. no. 9 41-42 S '61.

Technological Conference on Welding in the City of Penza. I. Z. Kogan. Svar. proizv. no. 9 43 S '61.

White Russian Scientific Technological Conference on Welding. Svar. proizv. no. 9:40 S '61.

WELDING—CORROSION

Effect of nitrogen on the corrosion resistance of welded joints in 18-8 type steels A. I Akulov Avtom. svar. 14 no. 9 3-5 S '61.

WELDING—DEFECTS

Correcting the buckling of thin-sheet welded structures by rolling S. A. Kurkin, V. A. Vinokurov [Trudy] MVTU no. 101. 186-196 '61.

Preventing cracking of welded joints in thin 35KhGSA and 25KhGFA steel sheet P T Medvedev Avtom. svar. 14 no 9 6-9 S '61.

Tendency of aluminum-zinc-magnesium alloys to the formation of hot cracks during welding. G. I. Petrov, A. G. Makarov Avtom svar 14 no. 8-24-32 S '61.

WELDING—EQUIPMENT AND SUPPLIES

Davydenko, I. D. [Manual on welding electrodes] Spravochnik po svarochnym elektrodam. [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1961. 227 p.

Holder for welding in an atmosphere of steam A. S Glushchenko. Avtom. svar. 14 no. 9 89-90 S '61.

New diagrams and equipment for the control of welding operations. M. P. Zaitsev. Svar. proizv. no. 9:6-9 S '61.

WELDING—HYGIENIC ASPECTS

Labor conditions and their improvement in the electric welding of aluminum and aluminum alloys. E. I. Voronisova, T. S. Karacharov, K. P. Voshchanov. Svar. proizv. no. 9:33-36 S '61.

WELDING—QUALITY CONTROL

Scientific Technological Conference on the Quality Control of Welding and Hard Facing, in Railroad Transportation. A. K. Gurvich. Avtom. svar. 14 no 9:95-96 S '61.

Use of Eu-152/154 radioisotopes for the quality control of welded joints V G Okara, V. M Fedoruk, D. V Shatailo Avtom svar 14 no. 9 85-86 S '61

WELDING—STUDY AND TEACHING

Urgent problems in the further improvement of welding engineer training N. M. Budnik, M M. Dubashinskii. Svar. proizv. no 9 29-31 S '61.

WELDING—TESTING

Characteristics of welded joint deterioration depending on the temperature M. M. Kraichik, V N Maksimov Svar proizv no 8 9-10 Ag '61.

Testing for the tearing-off of welded and glued-and-welded spot joints N Kh Andreev, V N Shavyrin Svar proizv no 8 13-14 Ag '61.

Vibration strength during the bending of joints in aluminum alloys made by spot welding V. P. Bochkarev, G N Vasvolodov Svar proizv no 8 10-12 Ag '61

WELDING, GAS see Gas welding and cutting

WELDING RESEARCH

Work of the Subcommittee on the Equipment and Quality Control of Welding IU B. Malevskii, V. A TSechal' Avtom svar 14 no 9 94-95 S '61

WELDING RESEARCH—CONGRESSES

Leningrad Conference on the Evaluation of Results in Welding Research. M. D. Shchipkov. Svar. proizv. no. 9 42-43 S '61

WELDING RODS

Make of rods to be used for welding aluminum and its alloys I V Dovbishchenko Avtom svar 14 no 9 92 S '61

WELLS, HERBERT GEORGE, 1866-1946

A letter from H. Wells to the All-Union Society for Cultural Relations with Foreign Countries N. S Igaev *Ist arkh* 7 *no 4:254 Jl-Ag '61.*

WELLS

New design of filters for shallow driven wells. V. M. Gavrilko, V. M. Belikov. Gidr. i mel. 13 no. 3:61-64 *Mr '61.*

WEST GERMANY see Germany, West

WEST KAZAKHSTAN PROVINCE—SHEEP BREEDING

Using Askaniya-Caucasian rams for the improvement of fine-wool sheep in West Kazakhstan Province. S. P Ponomarev. Vest. sel'khoz. nauki [Kazakh.] 4 no 3 37-42 Mr '61.

WESTERN EUROPE see Europe, Western

WESTERN SIBERIA see Siberia, Western

WHALERS see subdivision under Antarctic regions

WHALES

Structure and causes of the development of cutaneous excrescences in the Biscay whale (Eubalaena glacialis sieboldii Gray) [with summary in English] V. E. Sokolov. Zool. zhur. 40 no. 9:1428-1429 S '61

WHEAT

Effect of fallow crops on soil fertility and winter wheat yields I V Veselovs'kyi, V S. Solomko. Visnyk sil'hosp. nauky 3 no. 4:70-72 Ap '60

Effect of meteorological conditions on natural hybridization in spring wheat. A P. Gorin. Izv. TSKhA no. 2 20-25 '61.

Effect of meteorological conditions on the development of spring wheat kernels [with summary in English]. IU. B. Konovalov. Izv. TSKhA no. 2:26-39 '61

How subjecting germinating spring wheat seeds to low temperatures and their partial drying before sowing affects their future development. S. I. Leont'ev. Trudy OmSKhI 43:49-57 '61.

Investigation of some physicomechanical properties of artificially humidified grain G. I Kreimerman, A A. Riuger. Izv vys. ucheb zav., pishch. tekh. no. 4 16-21 '61.

Production of fodder yeasts from wheat wastes. M. S. Dudkin, I Sh. Shklovskii. Izv. vys ucheb zav., pishch. tekh. no. 3:44-47 '60.

Resistance of wheat kernels to dynamic loads. I. A. Naumov, L. N. Mokhov. Izv. vys. ucheb. zav., pishch tekh. no. 3:7-13 '60.

Sowing peas along with wheat. E. V. Bagaeva. Trudy OmSKhI 43:73-81 '61.

WHEAT—DISEASES AND PESTS

Philaenus spumarius L. (Homoptera, Cercopidae) as a grain crop pest in Azerbaijani [in Azerbaijani with summary in Russian]. A. M. Kulieva. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no 5:73-81 '61

The wheat smut Tilletia controversa Kühn. in Azerbaijan. Kh. A. Ismatlov. Dokl. AN Azerb. SSR 17 no. 6:507-509 '61.

WHEAT—FERTILIZERS AND MANURES

Metabolism in wheat in connection with the application of granulated superphosphate and azotobacterin. L. I. Kulikova. Trudy OmSKhI 43:23-32 '61.

WHEAT—HARVESTING see subdivision under Kalinin District; Kazakhstan

WHEAT—VARIETIES

(see also subdivision under Ukraine)

Russia (1923- U. S. S. R.) Gosudarstvennaia komissiia po sortoispytaniiu sel'skokhoziaistvennykh kul'tur. [Beloiserkovskaia 198 winter wheat] Ozimaia pshenitsa Beloiserkovskaia 198. Moskva, Izd-vo M-va sel'. khoz. SSSR, 1960. 63 p. (DA)

Russia (1923- U. S. S. R.) Gosudarstvennaia komissiia po sortoispytaniiu sel'skokhoziaistvennykh kul'tur. [Bezostaia 1, an awnless winter wheat variety] Ozimaia pshenitsa Bezostaia 1. Moskva, Izd-vo M-va sel', khoz. SSSR, 1960. 47 p. (DA)

Russia (1923- U. S. S. R.) Gosudarstvennaia komissiia po sortoispytaniiu sel'skokhoziaistvennykh kul'tur. [New strong and durum spring wheat varieties; Saratov 29, Saratov 210, Bezenchuk 98, Kharkov 46, Melianopus 26] Novye sorta sil'nykh i tverdykh iarovykh pshenits, Saratovskaia 29, Saratovskaia 210, Bezenchukskaia 98, Khar'kovskaia 46, Melianopus 26. Moskva, Izd-vo M-va sel'. khoz. SSSR, 1960. 73 p. (DA)

WHEAT BREEDING

Disturbing the inheritance of dominant characters in wheat by crossing ears of different age. Report No. 1. S. G. Oganesian. Izv. AN Arm. SSR, Biol. nauki 14 no. 6:15-20 '61.

Ryzhei, I. P. [New method for breeding wheat] Osnova novoi metodiki po semenovodstvu pshenitsy. Frunze, Ministerstvo sel'skogo khoziaistva Kirgizskoi SSR, 1958. 26 p. (DA)

WHEAT MILLING

Effect of the vacuum hydrothermal treatment on the technological properties of wheat. IU S. Chebaeva Izv vys. ucheb. zav., pishch tekh no 4 85-91 '61.

WHITE RUSSIA—AGRICULTURE—STUDY AND TEACHING

Students are working on the school experimental farms I F Garkusha Vest vys shkoly 10 no. 8:23-24 Ag '61.

WHITE RUSSIA—APARTMENT HOUSES

On the way to the technical progress. V. Kamenskii Zhil. stroi no. 7:1-2 Jl '61.

The quality of construction. M. Moroz Zhil. stroi no. 7:26-27 Jl '61.

Standardization of housing construction in the White Russian S. S. R. A. Sinitsyn. Zhil. stroi. no. 7 6-8 Jl '61.

WHITE RUSSIA—ATMOSPHERIC TEMPERATURE

Computed temperatures of outdoor air for designing exterior elements and heating in the White Russian S. S. R. N. A. Malishevskaia. Sbor nauch. rab Inst bud. i arkhit. AN BSSR no. 4:97-107 '60

WHITE RUSSIA—BRICK WALLS

Study of the strength and elastic properties of thin-walled vibrated brick masonry. D. IA. Konstantinovskii, G. I. Lipo, V. L. Fpshtein. Sbor. nauch. rab. Inst. bud. i arkhit. AN BSSR no. 4:40-46 '60

WHITE RUSSIA—BUILDING MATERIALS INDUSTRY

New building materials at White Russian construction projects. I. Chernii. Zhil. stroi. no. 7:33-34 Jl '61.

WHITE RUSSIA—CHORAL SOCIETIES

The oldest amateur choir. M. Lapatsin. Belarus' 16 no. 9:26 S '61.

WHITE RUSSIA—CITIES AND TOWNS

A city for the workers of a state farm. IA Kuchar, I. Husau. Belarus' 16 no. 9:5 S '61.

WHITE RUSSIA—CITY PLANNING

Planning and construction of cities of White Russia. V. Korol'. Zhil. stroi. no. 7:3-6 Jl '61.

WHITE RUSSIA—COLLECTIVE FARMS

Noble souls (conclusion). Mikola Vishneuski. Belarus' 16 no. 9:6-8 S '61.

WHITE RUSSIA—COLLECTIVE FARMS—ACCOUNTING

Improve original accounting on collective farms. N. P. Trubilko. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 8: 57-58 Ag '61.

WHITE RUSSIA—CONCRETE BLOCKS

Walls for farm buildings made of BK hollow concrete blocks. I. A. Vasil'ev, T. P. Peniaz'kova Sbor nauch. rab. Inst. bud. i arkhit. AN BSSR no. 4:31-39 '60.

WHITE RUSSIA—CONSTRUCTION INDUSTRY

In the Office of State Construction of the White Russian S. S. R. Biul. stroi. tekh. 18 no. 8:28-29 Ag '61.

In the Office of State Construction of the White Russian S. S. R. G. Kupreev. Zhil. stroi. no. 7:32 Jl '61.

Prefabrication techniques in rural housing construction. I. Petrosyan. Zhil. stroi. no. 7:29-32 Jl '61.

WHITE RUSSIA—CULTURE

Kovantseva, G. M., and IA. S. Mazurova. [The White Russian S. S. R. is a Republic of a highly developed culture] BSSR - respublika vysokoi kul'tury. Minsk, 1961. 53 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Belorusskoi SSR, nos. 13/14)

WHITE RUSSIA—DRAINAGE

Reclaim fully and utilize properly drained lands S. G. Skoropanov Gidr i mel. 13 no 8;21-28 Ag '61

WHITE RUSSIA—ECONOMICS, MATHEMATICAL

Using mathematical methods and electronic calculating machines in planning. S. Malinin, M. Polonskii, V. Aizenshtat Vop. ekon. no. 9 66-73 S '61

WHITE RUSSIA—EDUCATION, HIGHER

Law has created favorable conditions for the development of institutions of higher learning M V Doroshevich Vest. vys shkoly 19 no 8;34-36 Ag '61

WHITE RUSSIA—FLIGHT TRAINING

Advanced experience for every pilot. V. Degtev. Grazhd av 18 no 7 8-9 Jl '61

WHITE RUSSIA—FLOORS

New developments in flooring for industrial buildings. A. A. Bartashevich Sbor. nauch rab. Inst. bud i arkhit. AN BSSR no. 4;59-64 '60.

WHITE RUSSIA—FOUNDATIONS

Measuring with instruments the settlings of buildings and structure foundations in the White Russian S S. R. Sbor. nauch trud Bel politekh. inst no 09;98-100 '60

WHITE RUSSIA—HISTORY

Picheta, V. I. [White Russia and Lithuania in the 15th and 16th centuries; studies on the history of their socioeconomic, political and cultural developments] Belorussiia i Litva XV-XVI vv., issledovaniia po istorii sotsial'no-ekonomicheskogo, politicheskogo i kul'turnogo razvitiia. Moskva, Izd-vo Akad. nauk SSSR, 1961. 814 p.

WHITE RUSSIA—LANDSCAPE GARDENING

Landscape gardening in White Russian cities. I. Rudenko. Zhil. stroi. no 7;28-29 Jl '61

WHITE RUSSIA—LIGHTWEIGHT CONCRETE

Agloporite concrete in housing construction. M. Izraelit. Zhil. stroi. no. 7;22-23 Jl '61.

WHITE RUSSIA—LOCOMOTIVES

Miklashevskii, S. N., and K. D. Osipov. [Use of nylon parts for locomotives] Primenenie kapronovykh detalei na parovozakh; opyt depo Gomel' Belorusskoi zheleznoi dorogi. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1961. 50 p.

WHITE RUSSIA—LOESS

Geochemical characteristics of aluminum and titanium in the loess of White Russia. K. I. Luknashev, S. G. Dromashko, I. A. Dobrovol'skaia. Dokl. AN BSSR 5 no. 8;344-351 Ag '61

WHITE RUSSIA—REINFORCED CONCRETE CONSTRUCTION

Intermediate, semi-anchored, and A-shape composite reinforced concrete poles for 6 to 10 kv. transmission lines. T. N. Bystrova. Sbor. nauch. rab. Inst. bud i arkhit. AN BSSR no. 4;53-58 '60.

WHITE RUSSIA—RELATIONS (GENERAL) WITH BALTIC STATES

Gorbunov, T. S. [Fraternal peoples; contacts of the White Russian people with Baltic peoples] Narody-bratt'ia; o sviaziakh belorusskogo naroda s narodami Pribaltiki. Minsk, 1961. 28 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Belorusskoi SSR, no. 17)

WHITE RUSSIA—RURAL CONDITIONS

Nikodym Bahdanovich's happiness. M. Dosin. Belarus' 18 no. 9;14-15 S '61.

WHITE RUSSIA—SIRUPS

Specialization of White Russian starch and sirup enterprises. E. I. IUrchenko. Sakh. prom. 35 no. 8;60-62 Ag '61.

WHITE RUSSIA—SOILS

Physicochemical and mechanical properties of moraine soils of the White Russian S. S. R. E. F. Vinokurov Sbor. nauch. rab. Inst. bud. i arkhit. AN BSSR no. 4;69-77 '60.

WHITE RUSSIA—STARCH

Specialization of White Russian starch and sirup enterprises. E. I. IUrchenko. Sakh. prom. 35 no. 8;60-62 Ag '61.

WHITE RUSSIA—STOCK AND STOCKBREEDING—ACCOUNTING

Calculate stockbreeding production on state farms correctly. N. F. Baranov. Uchet. i fin. v kolkhoz. i sovkhoz. 18 no. 9;19-21 S '61.

WHITE RUSSIA—TEXTILE INDUSTRY—EQUIPMENT AND SUPPLIES

Experience in the introduction of new equipment in the textile industry of White Russia I V. Chentsov Tekst. prom. 21 no. 7;94-95 Jl '61

WHITE RUSSIA—THEATER

Guest performances of the IAkub Kolas Theater in Minsk Ul. Ninfiod. Belarus' 18 no. 9;19 S '61

WHITE RUSSIAN ART see Art, White Russian

WHITE RUSSIAN DRAMA—HISTORY AND CRITICISM

"Prerevolutionary White Russian plays" by A. Semianovich. Reviewed by U. Kazbiaruk. Belarus' 18 no. 9,30 S '61.

WHITE RUSSIAN LANGUAGE—DIALECTS

Some characteristics of the vowel systems of transitional dialects of the Ukrainian and White Russian language Z. I. Nikolaienko. Dop. ta pov UzhDU, Ser. filol no 2 103-104 '58.

WHITE SEA—HERRING FISHERIES

Long-range fluctuations in the abundance of herring and other periodical phenomena in the White Sea. V. V Kuznetsov. Trudy sov. ikht. kom. no. 13 216-227 '61.

WHITE SEA—METEOROLOGY, MARITIME

Effect of tidal streams on climatic and hydrological conditions in the sea. N. IA. Arsen'eva. Trudy GOIN no. 64,93-102 '61.

WHITE SEA—SEA ICE

Stationary spaces of open water among ice in the White Sea. V N. Kupetskii. Trudy GOIN no. 64;78-92 '61.

WHITE SEA—TIDES—TABLES

Russia (1923- U. S. S. R.) Gidrograficheskoe upravlenie. [Tables of the time and level of high and low waters for 1960, White Sea] Tablitsy vremen i vysot polnykh i malykh vod na 1960 g.; Belое more. Leningrad, Gidrometeor. izd-vo, 1960. 31 p.

WHITEFISHES see subdivision under Baikal, Lake, Karelian Isthmus; Ob' River, Russia, Northwestern

WHOLESALE TRADE

Work of wholesale trade should be subordinated to the interests of retail trade. F. Oblovatskii. Sov. torg. 34 no. 8;20-25 Ag '61.

WHOOPING COUGH

Combined treatment of whooping cough with antibiotics and gamma globulins. R M Brium Pediatriia no 9 62-67 '61

Etiology of pneumonia in children with whooping cough. E S Kutsman, V D. Liubimova, N D. Gusarova Vop okh. mat. i det 6 no 7;38-43 Jl '61.

WILL

Vashchenko, Hryhorii. [Development of will and character] Vykhovannia voli i kharakteru. Munich, SUM-u im. L. Ukrainki, 1957. 270 p. (MIEM)

WILNO see Vilnius

WINCHES

New design of the winch for artesian rod-connected pumps Sbor. rats. predl. vnedr. v proizv. no. 5;48-50 '60.

WIND POWER

Study of the regulation of wind electric power plants with stabilized wind-driven generators. V. A. Orlov. Elektroenergetika no. 4;115-132 '61

WINDBREAKS, SHELTERBELTS, ETC.
(see also subdivision under Golodnaya Steppe; Volga Valley)

Armand, D. L. [The physicogeographical principles of planning the forest shelterbelts systems] Fiziko-geograficheskie osnovy proektirovaniia setl polezashchitnykh lesnykh polos. Moskva, Izd-vo Akad. nauk SSSR, 1961. 366 p.

Experience gained by our foresters. S. N. Kurbatov. Put' i put. khoz. 5 no. 7;36 Jl '61,

Foresters engaged in the planting of protective tree belts for transportation exchange practices. Put' i put. khoz. 5 no. 6;28 Je '61,

Traven', F. I., and P. S. Dubinin. [Shelterbelt afforestation] Vyrashchivanie zashchitnykh lesonasazhdenii. Moskva, Gos. izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 191 p. (DA)

Using large nursery stock for planting shelterbelts [with summaries in English, German, and French]. A. S. Debelyi. Vest. sel'khoz. nauki 6 no. 8;99-107 Ag '61.

Width of the spacing between the rows of protective plantings. N. T. Makarychev. Put' i put. khoz. 5 no. 7;34-35 Jl '61.

WINDING MACHINES

Device for rewinding drilling cables. V. P. Deriabin. Sbor. rats. predl. vnedr. v proizv. no. 5;9 '60.

WINDMILLS

Wind, wind, you are mighty; to inventors of wind-powered engines. Izobr. i rats. no. 9 2 of cover, 18-19 S '61.

WINDOWS

Window units made of aluminum alloys. Sel'. stroi. 16 no 7 28 Jl '61

WINDS
(see also subdivision under Apsheron Peninsula, Black Sea region, Central Black Earth region, Georgia, Kiev region, Pacific Ocean, Russia, Northern)

Some characteristics of horizontal and vertical motions in the atmosphere. V M. Mikhel'. Trudy GGO no 123 110-118 '61

Statistical law of wind velocity distribution I. G. Guterman Meteor. i gidrol no. 9 13-22 S '61.

WINE AND WINE MAKING
(see also subdivision under Moldavia, Sudakskaya Valley)

How to select wines for dishes. N. Anisimov. Obshchestv. pit. no. 7, 11-46 Jl '61.

Sources for the formation of aldehydes in the maderization process and their identification by paper chromatography. N. Kazumov. Prom. Arm. 4 no. 8 47-51 Ag '61.

Zarubin, V. A. [Care of young wine; secondary processes of wine making] Ukhod za molodym vinom; vtorichnoe vinodelie. Izd. 2. Moskva, Pishchepromizdat, 1961. 78 p. (Biblioteka molodogo rabochego)

WINE AND WINE MAKING—ANALYSIS

Determining copper in wines and cognacs with the help of ion-exchange resins. IU. E. Fal'kovich. Izv. vys ucheb. zav.; pishch. tekh. no 3,144-147 '60

WIRE

Using a pyrophosphate electrolyte in the copper plating of a steel wire. A. I. Levin, V. V. Gurylev. Zhur. prikl. khim. 34 no. 8;1775-1779 Ag '61.

WIRE—STANDARDS

[Steel wire] Provoloka stal'naia. Izd. ofitsial'noe. Moskva, Gos. izd-vo standartov, 1961. 254 p. (SSSR. Gosudarstvennye standarty)

WIRE DRAWING

Automatic control of machines for repeated drawing with the help of electric models I G Grinman, N I Sakhipov. Trudy Inst. iad fiz AN Kazakh. SSR 4,172-183 '61

Automatic measurement of wire speed and meterage in the drawing process I G. Grinman, L. S. Mikhailova. Trudy Inst iad. fiz. AN Kazakh. SSR 4;147-150 '61.

Electric equipment of the 250 high-speed continuous mill for aluminum wires. B. R. Gendel'man, M. IA. Pistrak, V. G. Fishbein Vest elektroprom. 32 no 8;17-24 Ag '61.

Investigating the possibility of measuring the temperature of wire during the drawing process by means of radioactive rays. I. G Grinman, E. K. Dzhasibekova. Trudy Inst iad. fiz. AN Kazakh. SSR 4;126-131 '61.

Measuring the back-pull of wire in the drawing process by the frequency method. I G. Grinman, I. P. Pushkarev. Trudy Inst. iad. fiz AN Kazakh. SSR 4;132-137 '61

Photoelectron micrometer for measuring the diameter of moving wires or strings. I. G. Grinman and others Trudy Inst. iad fiz AN Kazakh. SSR 4;138-146 '61.

Problems of automatic control in the drawing industry. I. G Grinman and others Trudy Inst iad fiz. AN Kazakh. SSR 4;122-125 '61.

WIRE DRAWING—EQUIPMENT AND SUPPLIES

Investigating automatically controlled electric drives with ionic excitation for drawing machines. IU I. Malakhov Trudy Inst. iad fiz. AN Kazakh. SSR 4;158-171 '61

Protective casing for drums of wire-drawing machines. M. I. Pevzner, V. S. Kolokolov. Sbor. rats. predl. vnedr. v proizv. no. 5;30 '60

Throttle acceleration of electric motors with phase rotors up to 100 kw. by means of MO ZOOB PV 40-percent 220 V electromagnetics A. G. Egai. Trudy Inst. iad fiz. AN Kazakh. SSR 4;151-157 '61.

WIRE ROPE

MBT-1 flexible centering clamp made of steel cable. A. I. Mansurov. Stroi. truboprovod 6 no. 8;19 Ag '61

Resistance butt welding of rope wires. I. G. Gorin. Svar. proizv. no. 8;25-28 Ag '61.

Specifications for using aluminum cable on tower cranes P. N. Ushakov. Stroi i dor. mash 6 no. 8;29-30 Ag '61.

WIRE ROPE—TESTING

Unit for testing suspension lines. P. Stupin. Na stroi. Ros. no. 7,13 Jl '61.

WIREWORMS

Second scientific and practical conference on the control of soil pests. N. M. Utrobina. Zool. zhur. 40 no. 9; 1434-1436 S '61.

WITTIG REACTION

Wittig reaction. L. A. IAnovskaia. Usp. khim. 30 no. 7; 813-845 Jl '61.

WOMEN see subdivision under United States

WOMEN—DISEASES

Molchanova, G.IA. [Diseases of women] Zhenskie bolezni. Moskva, Medgiz, 1960. 36 p. (Nauchno-populiarnaia meditsinskaia literatura) (DNLM)

WOMEN—SOCIETIES AND CLUBS

A women's committee on a collective farm. M. Zamski. Belarus' 18 no 9 25 S '61.

WOMEN—STATISTICS see subdivision under Moldavia

WOMEN AS BARBERS see subdivision under Moscow

WOMEN IN AERONAUTICS

Unforgettable. S. P. Stepanov Vest. Vozd. Fl no. 6' 68-69 Je '61

WOOD—CHEMISTRY

Calcium oxalate in the wood of common ash (Fraxinus excelsior L.). V. A. Palandzhian. Izv. AN Arm. SSR. Biol. nauki 14 no. 6:85-90 '61.

WOOD—MOISTURE

Moisture content of wood in freshly cut Siberian fir. V. P. Markaryants Izv. Sib. otd. AN SSSR no 8:105-109 '61.

WOOD—SPECTRA

Luminescent flaw detection in wood. B K Lakatosh. Der prom. 10 no 8 15-17 Ag '61

WOOD CARVING

"Russian folk art of wood carving and painting from the 18th to the 20th century" by V M Vasilenko. Reviewed by V. Pavlov. Iskusstvo 24 no. 7 70 '61

WOOD FINISHING

(see also subdivision under Czechoslovakia)

Imitation of rare woods by means of photographic painting with stencils N D. Ishin Der prom 10 no 8 18-19 Ag '61

WOODPULP

Better results in bleaching woodpulp by using chlorine dioxide. F. P Komarov. Bum. prom. 36 no. 8:11-12 Ag '61

Cane sulfite pulp S. P. Foteev, E IA Favorskaia, I G. Markov Bum. prom. 36 no. 8, 8-10 Ag '61

Lime recovery in the production of straw and cane pulp by the alkaline process B. D. Grubshtein Bum. prom. 36 no. 8, 12-13 Ag '61.

WOODPULP INDUSTRY

(see also subdivision under Italy)

Highly qualified engineering personnel for the woodpulp and paper industries N M Kostin Bum. prom 36 no. 8 4-5 Ag '61.

"Prospective development and expansion of the raw materials supply for the woodpulp and paper industry," by Kh. I. Dzhalilov. Reviewed by A V Chirkov. Bum. prom. 36 no. 8 30-31 Ag '61

WOOD-USING INDUSTRIES—HYGIENIC ASPECTS

Zverev, L. S., and E. L. Zelenskaia. [Protection of labor in the lumbering industry] Okhrana truda v lesnoi promyshlennosti. Moskva, Goslesbumizdat, 1961. 239 p.

WOODWORKING MACHINERY

Cutting tool set for the processing of rectangular grooves V. P. Safaniuk Der prom 10 no 8 24 Ag '61

New chipping unit. S. Bogachev. Sel'. stroi. 16 no. 7-13 Jl '61.

The PPA-3 semiautomatic surface-polishing machine. K E Greshin, B[illegible]okh -ekon. inform no. 7:38-40

[illegible]n of lumber cutoff sawing
[illegible]odetskii, R. Kh Botner
Ag '61

[illegible]Epifanov. Stroitel' no 7:

[illegible]TECHNOLOGICAL IN-

[illegible]hnical

WOODY PLANTS—WATER REQUIREMENTS

(see also subdivision under Apsheron Peninsula)

Effect of different soil moisture and temperature on changes in the sucking power of arboraceous species during plant growth. B Z. Guseinov Izv AN Azerb SSR Ser. biol. i med. nauk no. 6:21-27 '61

WOOL

Inheritance of the fineness of wool in crossbreeding fine-wool X coarse-wool hybrids with fine-wool and medium-fine wool rams. M. A. Ermekov, P. H. Gladkov. Vest. sel'khoz. nauki [Kazakh.] 4 no. 3:33-37 Mr '61.

"Raw materials and primary processing of wool" by V. E. Gusev, review. Tekst. prom 21 no 7 91 Jl '61

WOOL INDUSTRY see subdivision under Kazakhstan

WORDS FOR COLORS see Colors, Words for

WORK

The cultural and technical development of workers and its role in overcoming fundamental differences between intellectual and manual work [with summary in English] V R Polozov, B R Rashchenko Vest LGU 16 no 17 5-14 '61

Material and moral incentives for work in the period of the transition to communism N. I Ponomarenko Koop Kazakh 1 no 1 39-43 Ap '61

Overcoming differences between intellectual and manual work during the large-scale building of communism [with summary in English, p 181] E L Manevich Vop. filos 15 no 9 15-28 '61

Technological progress and the work of laborers. V Mitaev. Polit samoobr 5 no 9 72-80 S '61

Technological progress as a material foundation for eliminating the essential differences between metal and physical work V A. Vladimirskaia. Trudy LIKI no. 35, 41-61 '61.

WORK CLOTHES

Your work clothes. Sov. profsoiuzy no. 17 48 S '61.

WORK MEASUREMENT

Soveshchanie po voprosam psikhologii truda. [Summaries of papers to a conference on problems in industrial psychology] Tezisy dokladov. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1957. 63 p.

WORKBOATS—ELECTRIC EQUIPMENT

Losev, I.A., and A.A. Pukhov. [Electrical equipment of workboats and floating cranes] Elektrooborudovanie sudov i plavuchikh kranov tekhnicheskogo flota. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1961, 326 p.

WORKINGWOMEN'S CLUBS see subdivision under Kiev Province

WORKS COUNCILS

Give a green light to innovations. Erich Steinhoff. Sov. profsoiuzy 17 no. 18 39-40 S '61.

WORKSHOPS—EQUIPMENT AND SUPPLIES

Stand for machinists' tools. G. Krivopalov Shkola i proizv 5 no 6 59 Je '61.

WORLD HISTORY

Akademiia nauk SSSR. [World history in ten volumes] Vsemirnaia istoriia v desiati tomakh. Glav. red. E. M. Zhukov i dr. Moskva, Izd-vo sotsial'no-ekon. lit-ry. Vol. 8 Pod red. I I. Mintsa i dr. 1961. 642 p.

WORLD POLITICS

[Chronicle of international events in 1960] Khronika mezhdunarodnykh sobytii; 1960 god. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1961. 249 p.

Efremov, A. E. [The real nature of "limited" wars] Za shirmoi "ogranichennykh" voin. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 82 p.

For the lives and happiness of all nations A. Efremov Komm Vooruzh Sil 1 no 2 8-11 O '60

Great achievement. Voen. vest. 41 no. 5:5-7 My '61.

A herbinger of the bright future. H. Lund Part zhizn' no. 19 58-60 O '61.

International notes. Nov. vrem. 19 no. 36:22-23 S '61.

Lasting peace is a matter of great importance. I. Grudinin. Part. zhizn' no. 18:17-23 S '61.

The nature of the present-day epoch A. Arzumanian Komm Vooruzh Sil 1 no 2 17-25 O '60

Ordinary people comment. Ogonek 39 no. 26:1 Je '61.

Our time and Lenin's theory of war and peace. A. Makhov, E. Rybkin. Komm Vooruzh Sil 1 no. 7:16-25 Ap '61.

Peaceful coexistance and the class struggle. IU. Popov. Komm. Vooruzh. Sil 1 no. 4 15-24 F '61

Present-day national liberation movements. B. Gafurov Polit. samoobr 5 no. 9 27-37 S '61

Prevention of war is the most important problem of our time. A. Kirillov. Komm. Vooruzh. Sil 1 no. 3 14-22 N '60

Results and conclusions I Bagramian. Tyl i snab Sov. Voor. Sil 21 no. 6-3-9 Je '61

Statement of the Conference of Communist and Workers' Parties. Komm. Vooruzh Sil 1 no 6:3-31 D '60.

Statement of the Conference of the Representatives of Communist and Workers' Parties. Part. zhizn' [Uzb.] 3 no 12:3-34 D '60.

Time works for us. B. Leont'ev. Komm. Vooruzh. Sil 1 no 6 38-43 D '60.

Under the banner of peace, democracy, and socialism. Komm. Vooruzh. Sil 1 no. 7-66-70 Ap '61

World events. Nov. vrem. 19 no. 36:32 S '61.

WORLD WAR, 1939-1945

(see also subdivision under Bulgaria, Caucasus, Northern; Europe, Eastern; Europe, Western, Germany; Germany, West; Goroyevskoye, Hamburg, Germany; Japan; Kerch; Kiev; Loyev; Manchuria; Melitopol'; Murmansk; Norway; Novosibirsk Province; Ochamchire District; Pacific Ocean, Poland; Siberia, Simferopol'; Transcarpathia; Ukraine; Ural Mountain region; Yugoslavia; Zaporozh'ye Province)

Achievement of the people. F. Malykhin. Tyl i snab. Sov. Voor. Sil 21 no 5 6-11 My '61.

Battle traditions invigorate our soldiers N. Skvortsov. Komm Vooruzh Sil 1 no 3;50-51 F '61.

Bezymenskii, L. A. [German generals under Hitler and after his death] Germanskie generaly - s Gitlerom i bez nego. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 367 p.

A brief review of the local collections of documentary materials on the Great Patriotic War, from 1941 to 1945. IA. M. Gorelik, B. I. Zhuchkov, N I Salekhov. Ist. arkh 7 no 4, 245-247 Jl-Ag '61

Defending one's native land V. A Sidelo. Vest. Vozd. Fl no 6, 1-7 Je '61.

Developing the power supply and raw material base of heavy industry in Kazakhstan during the years of the Great Patriotic War V. IA Basin. Izv AN Kazakh SSR Ser ist., arkheol i etn. no 1:10-31 '61

During the war years. K Petrov. Tyl i snab. Sov. Voor. Sil 21 no 5, 49-54 My '61

From Moscow to Brest. S S. Smirnov, O. Knorring. Ogonek 39 no. 25 8-11 Je '61

Great achievement. Voen. vest. 41 no 5:5-7 My '61

Heroism of the Soviet people will not fade in ages. Vest. protivovozd. obor. no. 6:3-6 Je '61.

"History of the Great Patriotic War of the Soviet Union" Vol 2. (1941-1945). Reviewed by I N. Politkov, V. A. Sekistov Vop. ist KPSS 5 no 5 181-186 '61.

History teaches.... Ogonek 39 no. 25:6-7 Je '61.

Holy, patriotic.... Ogonek 39 no. 25:3 Je '61.

Initial period of the Great Patriotic War and its lessons. M Zakharov Voen -ist. zhur 3 no. 7, 3-14 Jl '61

Results and conclusions. I Bagramian Tyl. i snab Sov Voor Sil 21 no 6 3-9 Je '61

Sessions and conference of Kiev historians devoted to the 20th anniversary of the beginning of the Great Patriotic War. IE. M. Savchenko, IE. V. Safonova Ukr. ist zhur. 5 no. 5 161-163 S-O '61.

Sessions and conferences of Odessa historians devoted to the 20th anniversary of the beginning of the Great Patriotic War. IA. M. Shternshtein. Ukr. ist. zhur. 5 no. 5:163-164 S-O '61

Sessions and conferences of Sevastopol historians devoted to the 20th anniversary of the beginning of the Great Patriotic War V. O. Shubin. Ukr ist zhur. 5 no. 5:164-165 S-O '61.

Six against 100. M. F. Artemenko. Vest. protivovozd. obor. no. 6, 80 Je '61.

Talenskii, N. A. [The nature of the Second World War] O kharaktere vtoroi mirovoi voiny. Moskva, Gos. izd-vo polit. lit-ry, 1961. 34 p. (Konsul'tatsii po istorii KPSS)

"Tales about "katiusha" by M. Sonkin. Reviewed by I. Prokhorkov Voen. -ist. zhur. 3 no 8:100-101 Ag '61.

WORLD WAR, 1939-1945—AERIAL OPERATIONS

Aerial scouts. A. P. Romanov, V. P. Sokolov. Vest. Vozd. Fl no. 7, 77-83 Jl '61.

Book about a heroic pilot ("Viktor Talalikhin" by S. Glekhin). Reviewed by V. Parkov. Kryl. rod 12 no 8-24 Ag '61.

Example of valiant service for the motherland. V. V. Zelentsov Vest. protivovozd. obor. no. 7:46 Jl '61.

Eyes on the flag! V. B. Emel'ianenko. Vest. Vozd. Fl. no 8:86-86 Ag '61

Fighter pilots. L. M. Shishov. Vest. Vovd. Fl. no. 5: 65-70 My '61.

From the first day of the war. V. P. Ilinshin. Vest. protivovozd. obor. no. 6-76-77 Je '61.

Hero of the air. M. V. Ostapchuk. Vest. protivovozd. obor. no. 7:47 Jl '61.

IAkovlev, A. S. [Tales of an airplane designer] Rasskazy aviakonstruktora. Moskva, Gos. izd-vo detskoi lit-ry M-va prosv. RSFSR, 1961. 412 p.

In life and in bronze. I. G. Andreev. Vest. Vozd. Fl. no. 8:86-88 Ag '61.

In the airplanes of the collective farmers of Osh Province. N. E. Platonov. Vest. Vozd. Fl. no. 6:65-66 Je '61.

"Land and sea beneath us" by S G. Kurzenkov. Reviewed by S. S Sergeev. Vest. protivovozd. obor no 9 79 S '61.

"The land and sea under us" by S. G. Kurzenkov. Reviewed by Z. A. Sorokin. Vest. Vozd. Fl. no. 7:88-89 Jl '61.

Mechanics' deeds. N. E. Zhovinskii. Vest. Vozd. Fl. no. 6:64-65 Je '61.

Self-control, endurance, strong will. A. Pavlov. T. Stepanchuk. Kryl. rod. 12 no. 8-17 Ag '61.

Two rams in one battle. N. V. Spivak. Vest. protivovozd. obor. no. 6:77-78 Je '61.

Unforgettable. S. P. Stepanov. Vest. Vozd. Fl. no. 6: 68-69 Je '61.

WORLD WAR, 1939-1945—BIBLIOGRAPHY see Bibliography—World War, 1939-1945

WORLD WAR, 1939-1945—CAMPAIGNS

Operation "Kremlin." Voen. -ist. zhur. 3 no. 8:76-90 Ag '61.

WORLD WAR, 1939-1945—ECONOMIC ASPECTS

"National economy of the U S S R during the Great Patriotic War" by G I Shigalin Reviewed by A. Nikulin. Voen ist zhur 4 no 7 99-103 Jl '61

2565 military planes from workers' savings. V G. Nikiforov. Vest Vozd Fl no. 5 70-71 My '61

WORLD WAR, 1939-1945—ENGINEERING AND CONSTRUCTION

Military road builders I Korovinkin Tyl i snab Sov Voor Sil 21 no 6 42-45 Je '61

Some problems in engineer support in offensive operations during the Second World War A T Shitlin Voen-ist. zhur. 3 no 8 13-24 Ag '61

WORLD WAR, 1939-1945—LITERATURE AND THE WAR

The Great Patriotic War in Boris Gorbatov's journalistic writings. L V. Fedorova Shor trud Arkh gos ped. inst. no. 3 84-97 '59

WORLD WAR, 1939-1945—MEDICAL AND SANITARY AFFAIRS

Fight for soldiers' lives N Zavalishin Tyl. i snab Sov. Voor Sil 21 no 6 29-33 Je '61

This is how Soviet citizens conduct themselves. L. G. Ushmanov, P M Sekretta Voen -med. zhur no 6:73 Je '61

WORLD WAR, 1939-1945—PACIFIC OCEAN

Hough, Frank O. [The island war. Abridged translation from the English. Preface by G. M. Gel'fond] Voina na ostrovakh. Moskva, Voen. izd-vo M-va obor., SSSR, 1960. 456 p.

WORLD WAR, 1939-1945—PERSONAL NARRATIVES

About my friends and comrades. Boris Polevoi. Ogonek 39 no. 25, 20-21 Je '61.

Ashes and grasses Galina Shergova Ogonek 39 no. 26:11-13 Je '61.

At the observation points. Konstantin Simonov. Ogonek 39 no. 25 12-17 Je '61.

Boris Prorokov recollects. E. Borisov. Ogonek 39 no 26 9-10 Je '61

Immortal history of Adzhimushkay. V. Birshert. Ogonek 39 no. 35 17-19 Ag '61.

Kholopov, G. K. [Romantic on horseback; authentic stories on the war] Romantik na kone; nevydumannye rasskazy o voine. Moskva, Izd-vo "Pravda," 1961. 48 p. (Biblioteka "Ogonek," no. 34)

Nina, the commandant. V. Viktorov. Ogonek 39 no. 26: 16 Je '61.

[People will never forget this [Liudi etogo ne zabudut. Moskva, Izd-vo "Pravda," 1961. 78 p. (Biblioteka "Komsomol'skoi pravdy," no. 9)

Postol'skaia, Shura. [Letters from the front] Frontovye pis'ma. Moskva, Sovetskaia Rossiia, 1959. 60 p. (MH)

Sons of the great motherland N. Likhacheva. Sem'ia i shkola 16 no 6 21-23 Je '61

WORLD WAR, 1939-1945—PERSONAL NARRATIVES, DUTCH

Frank, Anne. [Diary of Anne Frank. Translated from the Dutch] Dnevnik Anny Frank. Predislovie Il'i Erenburga. Red. L Kalinteeva. Moskva, Izd-vo inostr. lit-ry, 1960. 235 p. (NN)

WORLD WAR, 1939-1945—PERSONAL NARRATIVES, UKRAINIAN

Chub, Dmytro. [In the forest near Vyazma; feature articles on the Second World War] V lisakh pid Viaz'-moiu; reportazhi-spohady pro druhu svitovu viinu. Munich, Dniprova Khvylia, 1958. 108 p. (MID)

WORLD WAR, 1939-1945—PICTORIAL WORKS

It was in cruel years. Ogonek 39 no 26:2-4 Je '61.

WORLD WAR, 1939-1945—REGIMENTAL HISTORIES

During the days of retreat. N. Eremin. Voen.-ist. zhur. 3 no. 7, 68-77 Jl '61.

WORLD WAR, 1939-1945—TERRITORIAL QUESTIONS

Goguel, Rudi, and Pohl Heinz. [Oder-Neisse, border of peace. Translated from the German] Oder-Neisse, granitsa mira. Moskva, Izd-vo inostr. lit-ry, 1960. 198 p. (CLU)

WORLD WAR, 1939-1945—TRANSPORTATION

On steel trunk lines V Dmitriev. Tyl. i snab. Sov. Voor. Sil 21 no. 6 38-41 Je '61

War work of military drivers S. Chemeris Tyl. i snab. Sov Voor. Sil 21 no. 6 46-48 Je '61.

WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

An exhibition devoted to "The European resistance movement during the Second World War," N. M. Pasheva. Vop. ist. no. 9:174-175 S '61.

Moscow, Institut istorii partii. [People's avengers] Narodnye mstiteli. [Moskva] Mosk. rabochii, 1961. 279 p.

Results of the Second International Conference on the History of the Resistance Movement [with summary in English, pp. 216-217]. G. A. Deborin. Vop. ist. no. 9, 22-41 S '61.

Second International conference on the history of the Resistance movement E Boltin Voen. -ist zhur 3 no 7:121-124 Jl '61

The Soviet Union and the European resistance movement during the Second World War [with summary in English, pp 215-216] E A Boltin. Vop. ist no 9 3-21 S '61.

WORM-GEAR see Gearing, Worm

WORMS, INTESTINAL AND PARASITIC
(see also subdivision under Russia, Northern)

Akademiia meditsinskikh nauk SSSR, Moscow. [Transactions of an out-of-town session of the Academy of Medical Sciences of the U. S. S. R. in Baku] Trudy vyezdnoi sessii Akademii meditsinskikh nauk SSSR v Baku. Moskva, Gos. izd-vo med. lit-ry, Medgiz, 1961. 335 p.

Development of appendicitis as a result of helminthiasis I D Klepov Voen -med zhur no 6:77-78 Je '61

WOUNDS

Delayed surgical treatment of infected wounds of the soft tissues and the use of bicillin in Victims of penetrating radiation (experimental study) G N Tsybulsk Voen.-med zhur no 6:22-26 Je '61

Hypnosuggestive method in traumatology. A. N. Kabanovskii Ortop., travm i protez no. 7 45-49 '61

Role of penicillin in the prevention and treatment of pneumonias in combined injuries. K P Mordovskii Voen.-med zhur. no 6:75-76 Je '61

WRESTLING

Champion of champions. I. Borisov. Ogonek 39 no. 25, 25 Je '61.

WURTZITE

Moduli of elasticity in crystals having a sphalerite or wurtzite structure. V. A. Zhdanov, L. A. Bryaneva. Kristallografiia 6 no. 4:639-641 Jl-Ag '61.

Theory of the structure of binary crystals of the wurtzite type V A Zhdanov, L A Bryaneva Izv. vys ucheb. zav., fiz no. 3:95-102 '61

X-RAY CRYSTALLOGRAPHY

Application of Fourier's method of analysis to the interpretation of X-ray photographs of stratified minerals with a mixed laminated structure. IU. S. Dinkonov, Kristallografiia 6 no. 4:624-625 Jl-Ag '61.

Characteristics of the reflection of hard X rays by bent crystals S A. Ditsman. Izv AN SSSR. Ser fiz 25 no 8 939-942 Ag '61

Characteristics of X-ray diffraction on oriented high-molecular substances. N. S. Andreeva. Kristallografiia 6 no. 4:524-529 Jl-Ag '61.

Effect of anharmonicity on the Debye factor of the weakening of line intensities in X-ray photographs. Kristallografiia 6 no. 4:490-502 Jl-Ag '61.

Effect of certain factors of the geometry of photographing on the magnitude of the accidental error in the precise determination of the lattice period. IA M. Golovchiner. Kristallografiia 6 no. 3:357-362 My-Je '61

Mirkin, L. I. [Manual on X-ray diffraction analysis of polycrystals] Spravochnik po rentgenostrukturnomu analizu polikristalov. Pod red. IA. S. Umanskogo. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1961. 863 p.

Quantitative phase X-ray analysis of clay minerals. V. A. Drits. Kristallografiia 6 no. 4:530-535 Jl-Ag '61.

X-ray diffraction study of dihalogen derivatives of anthraquinones. L. A. Chetkina, G. A. Gol'der, G. S. Zhdanov. Kristallografiia 6 no. 4:628-629 Jl-Ag '61.

X-ray diffraction study of the nature of the atomic bonds in crystals of the diamond type. K. P. Mamedov. Izv. AN Azerb SSR. Ser. fiz.-mat. i tekh nauk no 6 105-115 '60.

X-RAY SPECTROSCOPY

Comparison of different methods for improving the form of spectra. I. IA. Nikiforov, V. P Sachenko, M. A. Blokhin Izv AN SSSR Ser fiz. 25 no. 8, 1054-1059 Ag '61

Comparison of two methods for correcting curves (successive approximations method of matrices). IA. E. Geukin, I. Izv. AN SSSR Ser. fiz. 25 no 8 1017-10

Device for improving the form of emissic M. I Korsunskii, IA. E. Geukin. Izv. AN 25 no. 8 1013-1016 Ag '61.

Effect of chemical bonds on the position a X-ray spectral lines of compounds A. Izv AN SSSR, Ser fiz 25 no. 8 986-991

Effect of small admixtures of tungsten on ture dependence of the fine structure of K-spectrum of Fe. I. B. Borovskii, V. AN SSSR, Ser. fiz. 25 no. 8 983-985 Ag

Establishing the Fermi boundary from X-emission bands M. I. Korsunskii, IA. I AN SSSR, Ser. fiz. 25 no 8:1031-1037

Finding the true form of spectra with the approximation method. V. P. Sachenko. Ser. fiz. 25 no. 8:1038-1042 Ag '61.

Form of the $K_{\beta 5}$ emission band of iron. Nikiforov Izv. AN SSSR. Ser. fiz. 25 r Ag '61.

Investigating the bonds in nickel-molybdenum solid solutions by means of the fine structure of X-ray absorption spectra V A Trapeznikov Izv AN SSSR Ser fiz 25 no 8 994-996 Ag '61

Investigation of the region of the microfocal source in an X-ray microanalyzer S A Ditsman Izv AN SSSR Ser fiz 25 no 8 923-926 Ag '61

Microfocus X-ray spectrograph I B Borovskii, S A. Ditsman, V G. Bogdanov Izv AN SSSR Ser fiz. 25 no 8 919-922 Ag '61

Note on the "derivatives method" for improving the form of spectra V P Sachenko Izv AN SSSR Ser fiz 25 no 8 1048-1053 Ag '61

Note on the possibility of carrying out quantitative analysis on the basis of X-ray spectra without using standard sources N P Il'in Izv AN SSSR Ser fiz 25 no 8 928-932 Ag '61

Permanent vacuum X-ray tube for a long-wave X-ray spectrometer K I Narbutt, E M. Fridman, G. M Nikolaenko Izv AN SSSR Ser fiz 25 no 8 936-938 Ag '61

Resolving power of single-crystal spectrographs with Johann focusing N D Borisov, V V Nemoshkalenko Izv AN SSSR, Ser fiz 25 no 8 943-946 Ag '61.

Some characteristics of the use of CdS single crystals for recording weak intensities in X-ray spectroscopy F. E. Vainshtein, I. B. Staryi, V. G. TSukerman. Izv Sib. otd. AN SSSR no 7, 48-54 '61.

Spectrometer for ultrasoft X rays with total recording of the radiation by means of secondary-electron multipliers and a Geiger counter A. P. Lukirskii Izv AN SSSR Ser fiz. 25 no. 8 913-918 Ag '61.

Theory of the fine structure of X-ray absorption spectra A I Kozlenkov Izv. AN SSSR, Ser. fiz 25 no 8 957-976 Ag '61.

Theory of the temperature dependence of the fine structure of X-ray absorption spectra. V. V. Shmidt Izv AN SSSR Ser fiz. 25 no 8 977-982 Ag '61.

Using secondary-electron amplifiers for studying soft X-ray spectra M. A. Rumsh, A. P Lukirskii, V. N. Shchemelev Izv AN SSSR Ser fiz. 25 no 8 1060-1065 Ag '61

Vacuum X-ray spectrometer with ionization recording V. A. Baityev, V G Bogdanov. Izv. AN SSSR. Ser fiz 25 no 8 933-935 Ag '61

Vector bond in X-ray spectra. A. M. Gutman Opt. i spektr. 11 no. 2:277-278 Ag '61.

X-ray spectroscopy of the nonuniform distribution of nickel in stainless steels A. G. IAkhontov Fiz. met. i metalloved. 12 no. 1:51-54 Jl '61.

X-ray study of intermetallic compounds in the system Cu - Zn Izv. AN SSSR. Ser. fiz 25 no 8 967-968 Ag '61

X RAYS

Effect of illumination on the intensity of X-ray reflections from cadmium sulfide crystals M A. Rumsh, IU. N. Shuvalov, L. A. Smirnov. Fiz. tver. tela 2 no 2 369-370 F '60

Quantum sensitivity of photographic materials to X rays ranging from 1.54 to 113 Å M A Rumsh, V. N Shchemelev, A P Lukirskii Izv. AN SSSR Ser fiz 25 no 8 1066-1068 Ag '61

X-ray study of a living sow's uterus [with summaries in English, German, and French]. L. V. Gusev, IU. A. Kiselev. Vest. sel'khoz. nauki 6 no. 8 117-118 Ag '61.

X RAYS—DIFFRACTION

Diffractometric methods in precision measurements of the parameters of elementary cells L. S. Zevin and others. Kristallografiia 6 no. 3:348-350 My-Je '61.

Using X-ray diffraction and electron diffraction examination in investigating wear-resistant coatings. IU. M. Vinogradov, V. D. Zelenova, K. V. Shishokina. Trudy NIIKHIMMASH no. 27:168-175 '59.

X-ray diffraction study of the system potassium fluotitanate - sodium chloride - titanium dioxide IU M Putilin, V. D. Melikhov, V. D. Ponomarev. Kazakh. SSR, Ser. me'

X RAYS – PHYSIOLOGICAL EFFECT (Continued)

Critical period in the development of scleral papillae of the eye in chick embryos detected by X irradiation. V. F. Puchkov. Radiobiologiia 1 no.3,437-439 '61.

Effect of antimitotic substances from irradiated plants on the growth of mice. V. A. Kopylov. Radiobiologiia 1 no.3.358-360 '61.

Effect of extracts from irradiated and nonirradiated Vicia faba plants on the growth of tumors and homologous normal tissues. L. M. Kriukova, M. S. Lomakin, A. M. Kuzin. Radiobiologiia 1 no.3 354-357 '61.

Effect of ionizing radiation on myogen A G V. Chitoradze Soob AN Gruz SSR 26 no 5 539-546 My '61

Effect of the amount of water in tissues of the crustacean Balanus improvisus on its radiosensitivity. E. V. Burlakova, I. M. Limarenko. Radiobiologiia 1 no.3. 378-384 '61.

Effect of X irradiation of rats before pregnancy on subsequent embryogenesis. E. A. Pozhidaev. Radiobiologiia 1 no.3 429-436 '61.

Function of the skin receptors in patients with microbial eczema previously treated with X-rays. G.N. Burykina. Trudy LSGMI 52 151-158 '60.

Functional changes in skin cells under the influence of X-rays. A.D. Troitskaia. Trudy LSGMI 52:95-111 '60.

Functional condition of the skin of roentgenologists. G.N. Burykina. Trudy LSGMI 52 159-160 '60.

Histological changes in the connective tissue of theskin under the influence of X-rays. I.M. Raznatovskii. Trudy LSGMI 52 130-150 '60.

Metabolism of C^{14}-labeled glycine in calcified tissues during acute radiation sickness. A. A. Prokhonchukov. Radiobiologiia 1 no.3:340-345 '61.

Morphological changes in the internal organs of mice following a single high dose of X irradiation. L. V. Funshtein, G. K. Ochinskaia, E. I. Shcherban'. Radiobiologiia 1 no.3 440-445 '61.

Radiation damage of chromosomes during early developmental stages of salmon. A A Prokof'eva, Bel'govskaia. TSitologiia 3 no.4:437-445 Jl-Ag '61

X RAYS—SAFETY MEASURES

Small-sized protective X-ray apparatus and portable photo laboratory. A I Nesis Voen -med. zhur no 5 88-89 My '61.

X RAYS—SCATTERING

Theory of X-ray scattering by modulated structures. Part I. V M Danilenko Sbor nauch. rab. Inst metallofiz. AN URSR no 12;61-67 '61

Theory of X-ray scattering by modulated structures. Part 2 V M Danilenko Sbor. nauch. rab Inst metallofiz. AN URSR no 12;68-72 '61.

Theory of X-ray scattering in distorted polycrystals composed of unidimensional minute crystals. V. N. Filipovich. Fiz tver. tela 3 no.7:1920-1932 Jl '61.

X-ray scattering in crystals with formation of excitons [with summary in English] V. M. Agranovich, V. L. Ginzburg. Zhur. eksp i teor fiz 40 no 3:913-919 Mr '61.

X RAYS—SPECTRA

Asymmetry of the $K_{\alpha 1}$ and $K_{\alpha 2}$ -lines of atoms of the iron group L. K Izraileva Izv AN SSSR. Ser. fiz 25 no. 8 954-956 Ag '61.

Effect of thermal oscillations of atoms on the melting of the fine structure of X-ray absorption spectra. Part 1: Investigation of the solid solution Cu - Pt I. B. Borovskii, G. N. Ronami Izv AN SSSR Ser fiz 25 no 8.999-1001 Ag '61

Using X-ray bremsstrahlung spectra for the study of absorption spectra in the ultrasoft region A P. Lukirskii. Izv AN SSSR. Ser fiz 25 no 8 910-912 Ag '61

XANTHIC ACID

Decomposition of xanthic acid by ultrasonic waves L. A. Litvina. Obog. rud 4 no.4 51-52 '58.

XANTHINE

Syntheses in the series of isoxanthine derivatives. Part 6. Halogen derivatives of (isocaffeine-8)-malonic ester. E.S.Chaman, E.S Golovchinskaia. Zhur ob. khim. 31 no.8 2645-2650 Ag '61.

XYLENE

Alkylation of xylenes with ethylene in the presence of aluminum chloride (synthesis of ethylxylenes). S. I. Sadykh-Zade, A. K. Askerov. Azerb. khim. zhur. no. 6: 39-43 '60.

Laws governing the autoxidation of polyalkylbenzenes. Liquid phase autoxidation of isopropyl-o-xylenes. R. N. Volkov, S. V. Zagorodnii. Zhur. ob. khim. 31 no. 8:2629-2635 Ag '61.

Production of xylenes based on aromatic hydrocarbons of the intermediate petroleum fraction. B. F. Pishnamazzade, L. M. Kosheleva, G. N. Suleimanov. Azerb khim. zhur. no. 6;59-68 '60.

YAKHROMA VALLEY—RECLAMATION OF LAND

Yakhroma flood plain. A. Sobolevskii. Moskva 5 no.8: 174-181 '61.

YAKHROMA VALLEY—VEGETABLE GARDENING

Yakhroma flood plain. A. Sobolevskii. Moskva 5 no.8: 174-181 '61

YAKUT LITERATURE—HISTORY AND CRITICISM

Boeskorov, G. K. [Yakut literature during the Great Patriotic War] IAkutskaia khudozhestvennaia literatura v gody Velikoi Otechestvennoi voiny. Pod red. M. I. Fetisova. IAkutsk, IAkutskoe knizhnoe izd-vo, 1960. 183 p.
(MH)

YAKUTIA—HISTORY

The defeat of white guard bands in Okhotsk and Nel'kan regions, 1924-1925. V S Fleirov Uch zap TGU no 37 145-162 '59

YAKUTIA—SQUIRRELS

Egorov, O. V. [Ecology and hunting of the Yakut squirrel] Ekologiia i promysel iakutskoi belki. Moskva, Izd-vo Akad. nauk SSSR, 1961. 266 p.

YAKUTIA—TEACHING

The problem of schools without repeating students can be solved. P Egorov. Nar obr no 9 37-38 S '61.

YALTA—PAPER-CUTTING MACHINES

Device for cutting paper. O. I Polunin. Poligr proizv no 8 19 Ag '61.

YANGI-YER—WATER, UNDERGROUND

Possible ground water regime in Yangi-Yer N. N. Khodzhibaev, N. A. Kasymov. Mat po proizv. sil Uzb. no. 15-38-39 '60

YARN

Tensioning of a thread with nonuniform thickness by a disk tensioner device E D Efremov. Tekst prom 21 no 7 33-38 Jl '61

YAROSLAVL—GUIDEBOOKS

[Yaroslavl; a guidebook] IAroslavl'; putevoditel. [Izd. 2., perer. i dop. IAroslavl'] IAroslavskoe knizhnoe izd-vo, 1960. 267 p.
(IU)

YAROSLAVL—LUBRICATION AND LUBRICANTS

Operation of oxidation equipment and the production of synthetic lubricants at the Mendeleev Plant K N. TSvetkov. Proizv. smaz mat no. 8/8 52-60 '61.

YAROSLAVL PROVINCE—TECHNOLOGICAL INNOVATIONS

Introduction of new equipment and technological innovations in interprises of the Kalinin and Yaroslavl Economic Councils. F. V. Domaev Biul. tekh -ekon inform no. 7.84-85 '61.

YEAST

Production of fodder yeast from wastes of millet and oat processing plants N V Romenskii, M S Dudkin, L. G Atanas, Izv vys ucheb. zav., pishch. tekh no 3:23-27 '60

Production of fodder yeasts from wheat wastes. M. S. Dudkin, I Sh Shklovskii Izv. vys ucheb zav , pishch tekh. no. 3;44-47 '60

Production of sugar and yeast from feed molasses. L. E. Fleishman and others. Sakh. prom. 35 no. 8 11-16 Ag '61.

Synchronization of budding in yeast. A. I. Golub. TSitologiia 3 no 4 481-484 Jl-Ag '61.

Valuable substitute of whole milk in feeding calves. S. D. Kuz'menko, F M Bodnia Visnyk sil'hosp nauky 3 no. 4:87-89 Ap '60

YELIZAVETINSKAYA—VASES, GREEK

Amphoras from the excavations of the Yelizavetovka mound in 1959. I B. Brashinskii. Sov. arkheol. 5 no. 3: 178-186 '61.

YENAKIYEVO—STEELWORKS

Metallurgists fulfill their pledge. M. Nagni Izobr. i rats no. 9 8 S '61

YENISEY OSTIAKS see Kets

YENISEY RIVER—UNDERWATER PIPELINES

Laying a subsidiary line at the submerged crossing of the Yenisey River. IU. F. Moriakov Stroi. truboprov. 6 no. 7.21-22 Jl '61.

YENISEY VALLEY—PALYNOLOGY

Khlonova, A. F. [Specific composition of pollen and spore complexes in upper Cretaceous deposits of the Chulym-Yenisey Depression] Vidovoi sostav pyl'tsy i spor v otlozheniiakh verkhnego mela Chulymo-Eniseiskoi vpadiny. Novosibirsk, Izd-vo Sibirskogo otdeleniia AN SSSR, 1960. 104 p. (Akademiia nauk SSSR. Sibirskoe otdelenie. Institut geologii i geofiziki. Trudy, no. 3)

YEREVAN see Erivan

YESAULOVO (KRASNOYARSK TERRITORY)—BRONZES

The Yesaul'skoye treasure. R. V. Nikolaev. Sov. arkheol. 5 no. 3;280-284 '61.

YESSENTUKI—GLIDING AND SOARING

With two runways. V. Zhilin. Kryl. rod. 12 no. 8:23 Ag '61.

YOUNG COMMUNIST LEAGUE see Communist Youth League

YOUNG-TURKISH PARTY

"The young Turks" and the struggle for the Constitution of 1876 in Turkey" by IU A Petrosian Reviewed by O M Efendiev Nar Azii i Afr no. 2;208-209 '61

YOUTH

(see also subdivision under Germany, East, Pakistan)

Nepomniashchii, Karl. [We believe in you, youth!] Verim v tebia, molodost'! Moskva, Vses. uchebno-pedagog. izd-vo Profitekhizdat, 1961. 106 p.

Rapokhin, A. A. [The young generation of internationalists] Molodoe pokolenie internatsionalistov. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1961. 175 p.

YOUTH—CONGRESSES

[Agitator's notebook. Special edition devoted to the Sixth World Festival of Youth and Students] Spetsial'nyi vypusk, posviashchennyi VI Vsemirnomu festivaliu molodezhi i studentov. [Moskva, Moskovskaia pravda, 1957] 151 p

Ihnat'iev, O. [Welcome, forum!] Pryvit tobi, Forum! [Kyiv, Vyd-vo TsK LKSMU "Molod," 1961. 16 p.

There will be sunshine for all! G. Gurkov. Ogonek 39 no. 32 30-31 Ag '61.

YOUTH IN ART

[Soviet youth in works of the fine art] Sovetskaia molodezh' v proizvedeniiakh izobrazitel'nogo iskusstva. Moskva, Sovetskii khudozhnik, 1961. 222 p.

YTTERBIUM—ISOTOPES

g-Fractor for collective and internal movements in Tb^{159} and Yb^{173} nuclei [with summary in English] E. E. Berlovich, M. P. Bontis, M. K. Nikitin. Zhur eksp. i teor. fiz. 40 no. 3;749-751 Mr '61.

Internal conversion coefficients of certain nuclear transitions in Yb^{171}. N. M. Anton'eva, B. S. Dzhelepov. Izv. AN SSSR. Ser. fiz. 25 no. 9.1088-1091 S '61.

YTTRIUM FERRATES

Instability thresholds during ferromagnetic resonance in single crystals of yttrium garnets A G. Gurevich, S S. Starobinets. Fiz tver tela 3 no. 7;1995-1998 Jl '61.

YUGOSLAVIA—CONSTITUTION

Yugoslavia. Constitution. [Constitution of the Federal People's Republic of Yugoslavia. Translated from the Serbo-Croatian] Konstitutsiia Federativnoi Narodnoi Respubliki IUgoslavii. Predisl. Z. M. Chernilovskogo. Moskva, IUrid. izd-vo M-va iustitsii SSSR, 1947. 75 p.

YUGOSLAVIA—WORLD WAR, 1939-1945

Everything for victory! A Khrulev. Tyl i snab. Sov Voor. Sil 21 no 6 10-14 Je '61

YUNNAN PROVINCE—KARSK

The "stone forest." A. K. Agoshkov. Priroda 50 no. 9: 96-98 S '61.

YUR'YEV-POL'SKIY—FRIEZES

The 1230 - 1234 arcade-column frieze of the Georgiovskii Cathedral in Yur'yev-Pol'skiy. G. K. Vagner Sov. arkheol. 5 no. 3;85-101 '61.

YUZHNYY BUG VALLEY—SLAVIC ANTIQUITIES

Early Slavic settlements in the central part of the Yuzhnyy Bug Valley. P. I. Khavliuk Sov arkheol. 5 no. 3;187-201 '61.

ZAGORSK—TOY INDUSTRY

"Science, art and technical creativeness" society. V. P. Priakhin. Sred. spets. obr 8 no 8;51 Ag '61.

ZAIKOV, BORIS DMITRIEVICH, 1897-1961

Boris Dmitrievich Zaikov, obituary. A. I. Chebotarev Meteor i gidrol no. 9.64-65 S '61

ZAILIYSKIY ALA-TAU see Trans-Ili Ala-Tau

ZAKHOVAIKO, IUKHIM OLEKSANDROVYCH

Man of creative search. A. S. Remeniuk. Rad shk 40 no. 6-74-75 Je '61.

ZAKHVATKIN, VIKTOR KONSTANTINOVICH, 1910-

V. K. Zakhvatkin's birthday and anniversary celebration. Obog. rud 5 no. 5;60 '60.

ZALESHCHIKI DISTRICT—CORN (MAIZE)

Academy in the field. P. Goncharenko. Znan. ta pratsia no. 9;9-10 S '61.

ZAPOROZH'YE—CHEMICAL INDUSTRIES

On integrals, freidnship and coke pie. I. Akimov. Znan. ta pratsia no. 10;6-7 O '61.

ZAPOROZH'YE—ELECTRIC TRANSFORMERS

Tamed lightning. O. F. Gorbuntsov. Znan. ta pratsia no. 10;18-20 O '61.

ZAPOROZH'YE PROVINCE—AGRICULTURE—EXPERIMENTATION

Let's raise the research work in schools to the level of new demands. D. P. Beliaev. Rad. shk 40 no. 6;34-37 Je '61.

ZAPOROZH'YE PROVINCE—LABOR PRODUCTIVITY

Labor productivity is the main thing. V. Skiabin. Sots. trud 6 no. 9:13-18 Ag '61

ZAPOROZH'YE PROVINCE—SOCIAL GROUP WORK

Efficient helpers of the party. V. Skiabin. Sots. kul't no. 8 4-5 Ag '61

ZAPOROZH'YE PROVINCE—WORLD WAR, 1939-1945

"Zaporozh'ye Province during the Great Patriotic War, 1941-1945." Reviewed by P. U. Shatov. Ukr. ist. zhur. 5 no. 5 148-149 S-O '61

ZARDABI (MELIKOV), GASAN-BEK, 1837-1907

Efendi-Zade, M. M. [Gasan-Bek Zardabi (Melikov), the founder and popularizer of hygienic knowledge in Azerbaijan] Gasan-bek Zardabi (Melikov) - osnovopolozhnik i popularizator gigienicheskikh znanii v Azerbaidzhane. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1961. 83 p.

ZASTAVNA DISTRICT—CAVE DRAWINGS

New primitive art monument. A. P. Chernysh. Mat. i issl. z arkheol. Prikarp. i Vol. no. 2:40-53 '59.

ZAUNGUZSKIYE KARAKUMY—WATER, UNDERGROUND

Participation of the Amu Darya in the feeding of ground waters in the eastern outskirts of the Zaunguzskiye Karakumy. M. K. Kaldarov. Izv. AN Turk. SSR. Ser. fiz.-tekh., khim. i geol. nauk no. 1:110-114 '61

ZAYSAN DEPRESSION—GEOLOGY

Vasilenko, V. K. [Geological history of the Zaysan Depression] Geologicheskaia istoriia Zaisanskoi vpadiny. Leningrad, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry Leningr. otd-nie, 1961. 270 p. (Leningrad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy, no. 163)

ZAYSAN REGION—IOFFEA

Ioffea, a new angiosperm genus. I. A. Il'inskaia. Paleont. zhur. no. 1:133-136 '61

ZELINSKII, NIKOLAI DMITRIEVICH, 1861-1953

Outstanding Soviet scientist Academician N. D. Zelinskii; on the one-hundredth anniversary of his birth. S. R. Sergienko. Izv. AN Turk. SSR. Ser. fiz.-tekh., khim. i geol. nauk no. 1:3-12 '61.

Prominent Soviet scientist. Azerb. khim. zhur. no. 1:4 '61

ZEOLITES

Adsorption properties and secondary porous structure of adsorbents acting as molecular sieves. Report No. 3 Components of synthetic zeolite granules of the type A. M. M. Dubinin and others. Izv. AN SSSR Otd. khim. nauk no. 8:1380-1387 Ag '61

Adsorption properties and secondary structure of adsorbents acting as molecular sieves. Report No. 4 Granulated synthetic zeolites of type A. M. M. Dubinin and others. Izv. AN SSSR. Otd. khim. nauk no. 8 1387-1395 Ag '61.

Clogged molecules. IA. Mirskii. Izobr. i rats. no. 9,9 S '61.

Synthesis of artificial zeolites and study of their adsorption properties [with summary in English]. I. E. Neimark and others. Koll. zhur. 23 no. 4:454-461 Jl-Ag '61.

ZERAVSHAN RANGE—ROCKS, IGNEOUS

Geological and petrographic characteristics of effusive rocks in the Zeravshan-Gissar mountain area. R. B. Baratov. Izv. Otd. geol.-khim. i tekh. nauk AN Tadzh. SSR no. 1:83-89 '59

ZEYA VALLEY—GOLD ORES

Analyzing pebbles in order to study placers in the Zeya Basin. B. P. Bazhenov. Izv. vys. uchob. zav., geol. i razv. 4 no. 7:110-117 Jl '61

ZHARIKOV, LEONID

"Miner's heart" by L. M. Zharikov. Reviewed by P. Nikolaev. Moskva 5 no. 8:216-218 '61.

ZHAVORONKOV, MIKHAIL SEMENOVICH, 1883-1961

M. S. Zhavoronkov; obituary. Izm. tekh. no. 9:61 S '61.

ZHDANOV—CITY PLANNING

Draft of a detailed plan for the Ordzhonikidze District of Zhdanov. L. IAnovitskii. Stroi. i arkhit. 9 no. 8:12-13 Ag '61.

ZHDANOV—CONSTRUCTION INDUSTRY

Contribution to the common cause. Stroitel' no. 8:4-6 Ag '61.

Contributions of Zhdanov construction workers to the seven-year plan. I. Golubev. Stroitel' no. 8:3 Ag '61.

ZHDANOV—ROLLING MILLS

"1700" rolling mill, built in 15 months instead of 23. Stroitel' no. 8:8-9 Ag '61.

A powerful slabbing mill was finished ahead of schedule. Stroitel' no. 8:9-10 Ag '61.

ZHDANOV—STEEL INDUSTRY—PRODUCTION STANDARDS

Work practice of the labor norms research laboratory in the Il'ich Metallurgical Plant in Zhdanov. K. Ozerov, F. Shaikevich. Biul. nauch. inform., trud i zar. plata 4 no. 7:46-50 '61.

ZHITOMIR PROVINCE—FARM MECHANIZATION—STUDY AND TEACHING

Machinist training of a machine operator. V. Ovchinnikov, Ch. Stavinskii. Prof.-tekh. obr. 18 no. 5 20 My '61.

ZHUKOV, ANATOLII BORISOVICH, 1901-

Professor A. B. Zhukov's 60th birthday. Izv. Sib. otd. AN SSSR no. 8:136-137 '61.

ZINC

Determining the instability constants of complex compounds from oxidation-reduction potentials. Report No. 2: Complex compounds of zinc with thiourea. T. V. Kramareva, V. M. Shul'man. Izv. Sib. otd. AN SSSR no. 8:68-77 '61.

Zinc volatilization during the converting of complex metal mattes. M. A. Abdeev, S. V. Lipkin. Trudy Alt. GMNII AN Kazakh. SSR 11 10-20 '61

ZINC—ANALYSIS

Periodate method of determining zinc [in Azerbaijani]. A. A. Verdi-zade. Trudy Azerb. gos. zaoch. ped. inst. 6:155-158 '59.

ZINC—ELECTROMETALLURGY

Electrolysis of zinc iron sulfate solutions. O. A. Khan, L. S. Dukhankina. Trudy Alt. GMNII AN Kazakh. SSR 11 66-75 '61.

ZINC—METALLOGRAPHY

Polymorphism of zinc. A. A. Presnukov, I. I. Dautova. Trudy Inst. fiz. fiz. AN Kazakh. SSR 4,42-47 '61

ZINC—METALLURGY

Kinetics of zinc volatilization from metallurgical dusts during their treatment by the Waelz process. V. V. Fokin, V. V. Smirnov. Izv. vys. uchob. zav., tavet. met. 4 no. 1 57-62 '61.

ZINC—TESTING

Temperature dependence of the resistance to teal. A. A. Presnukov. Trudy Inst. fiz. AN Kazakh. SSR 4:107-110 '61.

ZINC-ALUMINUM ALLOYS see Aluminum-zinc alloys

ZINC-ALUMINUM-MAGNESIUM ALLOYS see Aluminum-zinc-magnesium alloys

ZINC-CADMIUM ALLOYS—METALLURGY

Pressure of zinc and cadmium vapor above their alloys. G. V. Kim, M. A. Abdeev, V. D. Ponomarev. Trudy Alt. GMNII AN Kazakh. SSR 11 48-55 '61

ZINC-COPPER ALLOYS see Copper-zinc alloys

ZINC CRYSTALS

Experimental etching of zinc single crystals. V. M. Kosevich and V. P. Soldatov. Kristallografiia 6 no. 3: 439-442 My-Je '61.

ZINC FERRATES—THERMAL PROPERTIES

Specific heat of ferrites of the nickel - zinc system in the low temperature range [with summary in English]. M. O. Kostrikova. Zhur. eksp. i teor. fiz. 40 no. 6, 1638-1643 Je '61

ZINC INDUSTRY—ACCOUNTING see subdivision under Ust'-Kamenogorsk

ZINC PLATING

Electrocrystallization of some metals in the presence of the additions of sulfur-containing surface active agents. Part 1: Effect of the electrolysis conditions on the amount of impurities in zinc deposits, and the mechanism of their incorporation [with summary in English]. A. A. Sutiagina, K. M. Gorbunova. Zhur. fiz. khim. 35 no. 8:1769-1773 Ag '61.

ZINC SELENATE

Reduction of zinc selenate by hydrogen. I. V. Korneeva, A. V. Novoselova. Zhur. neorg. khim. 6 no. 8 1965-1966 Ag '61.

ZINC SELENIDE

Reduction of zinc selenate by hydrogen. I. V. Korneeva, A. V. Novoselova. Zhur. neorg. khim. 6 no. 8:1965-1966 Ag '61.

ZINC SELENIDE CRYSTALS

Hexagonal modification of zinc selenide. I. V. Korneeva. Kristallografiia 6 no. 4:630-631 Jl-Ag '61.

ZINC SULFATE

Solubility, specific gravity, and viscosity isotherms of the system $ZnSO_4$ - $CO(NH_2)_2$ - H_2O at 30°. N. Dulshenaliева, K. Sulaimankulov, L. G. Druzhinin. Zhur. neorg. khim. 6 no. 8 1919-1921 Ag '61.

ZINC SULFIDE

Determining the depth of electron traps in ZnS phosphors by the flash ocurring under the action of infrared light. L. A. Vinokurov, M. V. Fok. Opt. i spektr. 10 no. 3: 374-378 Mr '61.

Investigation of the initial stages of the electroluminescence of ZnS-Cu, Al phosphor. P. S. Litvinova, L. R. Rabotkina, P. U. Ramazanov. Opt. i spektr. 11 no. 2 264-265 Ag '61.

Some regular features of the electroluminescence of ZnS-Cu, Al phosphors with a high copper content. A. M. Bonch-Bruevich. Opt. i spektr. 11 no. 2:216-222 Ag '61.

ZINCOGRAPHY

(see also subdivision under Sverdlovsk Province)

Centralized feeding of acid. P. K. Shidlovskii. Poligr. proizv. no. 6 24 Je '61.

ZIRCONIUM

Fusibility curve of the system titanium - zirconium - niobium. V. S. Mikheev, O. K. Belousov. Zhur. neorg. khim. 6 no. 8 1905-1908 Ag '61

Penetration of deuterium ions into zirconium during an electric discharge through gases [with summary in English]. A. A. Rodina. Zhur. fiz. khim. 35 no. 8:1661-1665 Ag '61.

ZIRCONIUM ALLOYS see subdivision under United States

ZIRCONIUM CHLORIDE

Reaction of zirconium chloride with organic additives having various functional groups. O. A. Osipov, IU. B. Kletenik. Zhur. ob. khim. 31 no. 8 2451-2456 Ag '61.

Thermal conductivity and viscosity of zirconium tetrachloride and hafnium tetrachloride vapors in the temperature range of 300 to 700°. V. I. TSirel'nikov, L. N. Komissarova, Vict. I. Spitsyn. Dokl. AN SSSR 139 no. 6 1389-1391 Ag '61.

ZIRCONIUM ORGANIC COMPOUNDS

Reaction of zirconium chloride with organic additives having various functional groups. O. A. Osipov, IU. B. Kletenik. Zhur. ob. khim. 31 no. 8 2451-2456 Ag '61

ZIRCONIUM OXIDES—SPECTRA

Relative intensity of α bands and γ systems of the ZrO molecule. F. S. Ortenberg. Astron. zhur. 38 no. 4 776 Jl-Ag '61

ZIRCONIUM TITANATE

Interaction at high temperatures between $ZrTiO_4$ and oxide compounds of metals of groups II, III, and IV of the periodic table. L. P. Mudrolubova. Zhur. prikl. khim. 34 no. 8:1679-1690 Ag '61.

ZIRCONIUM-TITANIUM ALLOYS see Titanium-zirconium alloys

ZIRCONYL CHLORIDE

Reaction of zirconyl chloride with sulfuric acid and ammonium, sodium, iron, and aluminum sulfates. A. K. Kinakosian, I. V. Tananaev. Zhur. neorg. khim. 6 no. 8 1805-1812 Ag '61.

ZONE MELTING

Distribution of arsenic and selenium inclusions during the zonal recrystallization of antimony. V. N. Vigdorovich, V. S. Ivleva, L. IA. Krol'. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 4 29-30 Jl-Ag '61

Kirgintsev, A. N. [Mathematical theory of zone melting processes] Matematicheskaia teoriia protsessov zonnoi plavki. Otv. red. V. A. Mikhailov. Novosibirsk, Izd-vo Sibirskogo otd-niia AN SSSR, 1960. 69 p.

ZOOLOGY—CLASSIFICATION

Basic types of the animal world. Nauka i zhizn' 28 no. 7:64 Jl '61.

ZOOLOGY—ECOLOGY

Phasic development and the abundance dynamics of fishes. E. F. Eremeeva. Trudy sov. ikht. kom. no. 13, 160-164 '61.

Slonim, A. D. [Fundamentals of the general ecological physiology of mammals] Osnovy obshchei ekologicheskoi fiziologii mlekopitaiushchikh. Moskva, Izd-vo Akad. nauk SSSR, 1961. 430 p.

ZOOLOGY—FIELD WORK

Fasulati, K. K. [Field study of terrestrial invertebrates] Polevoe izuchenie nazemnykh bezpozvonochnykh. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 303 p.

ZOOLOGY, ECONOMIC

Tasks in the field of zoology in connection with the decree of the Plenum of the Central Committee of the CPSU passed Jan. 18, 1961 and the forthcoming 22d Congress of the CPSU. Zool. zhur. 40 no. 9:1277-1290 S '61.

ZOOPLANKTON

(see also subdivision under Danube Delta; Karelian Isthmus; Kilty skoye Girlo region)

Calculating the production of zooplankton. P. G. Petrovich, E. A. Shushkina, G. A. Pechen'. Dokl. AN SSSR 139 no. 5:1235-1236 Ag '61.

Characteristics of zooplankton in the experiment pond of the Limnological Station and some data on the productive and biological effect of green manuring. I. N. Baranova. Trudy Lab. ozeroved. 11:188-205 '60.

ZYRYANOVSK—NONFERROUS METAL INDUSTRIES

Potentials are being realized. D. Tolstov. Nar. khoz. Kazakh. 19 no. 8:28-31 Ag '61.